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light and smart

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Signcomplex | light and smart



2023 - 2024



# LED STRIPS EXPERT

2023-2024

LIGHT

AND

SMART



## About Strip Division

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We are dedicated to providing high reliability and quality LED strips, and our company is one of the most reliable suppliers of LED strips. Our LED strips are suitable for outdoor use, and waterproof grade IP20, IP64, IP65, IP67, IP68 are available; at the same time, products of a variety of brightness can be supplied to customers, including 196lm/W high energy-saving series, and we also provide aluminum profiles for customers.

Our products also can be widely used indoors, furniture, advertising, business, and various outdoor field lighting, auxiliary lighting or decoration lighting.

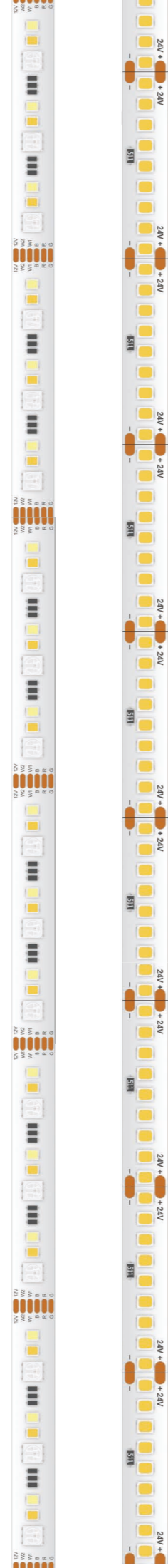
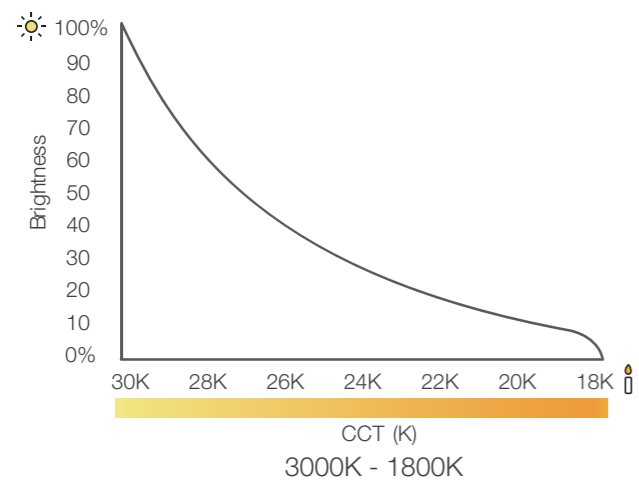
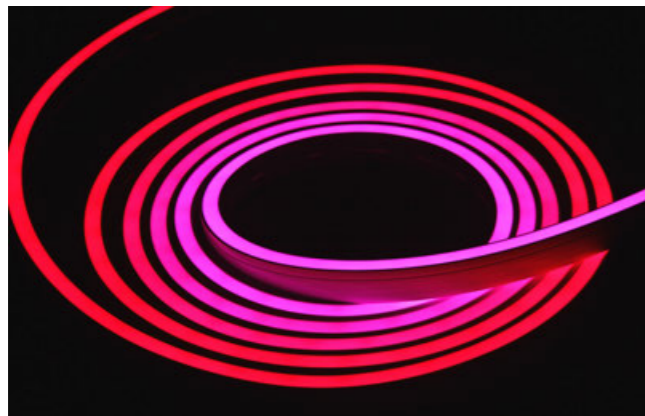
We have strict inspection standards and products will be under 100% full inspection; various CCT and CRI80, CRI90 or CRI97 for different customers to choose, and color consistency is one of the advantages. So you can find suitable LED strip for no matter closet lighting or outdoor building decoration.

# Comprehensive Control

From raw LED source to finished luminaire, we have the multidisciplinary engineering capability, the research base and production infrastructure to control every aspect of product design and manufacture – LED die procurement, phosphors and packaging, thermal and electronic design, luminaire design and all points in between.

Optical, electronic, thermal and mechanical aspects of LED product design are significantly interdependent. To maximise the capability of current technology requires careful balance throughout the whole design process. With comprehensive control of source components and the expertise and facility to adjust and optimise all design and manufacturing parameters, Signcomplex engineers have a rare freedom of choice in how best to achieve this. Producing a flexible, coherent and durable product range requires nothing less.

As a direct result, Signcomplex delivers complete linear LED products customised on order for length, IP rating, luminous output, colour temperature and colour consistency providing customized solutions to specific project requirements.



# Features of Our Comprehensive Approach

Integrated engineering design for the complete LED strip light and smart control. The sum of all the parts – not some of the parts. Comprehensive control of all output and colour characteristics by design and data. Research, development manufacture and testing on the Shenzhen HQ and Jiangmen factory under the multidisciplinary engineering team control. Customised, configurable ordering options for all Signcomplex LED strips products.

## Forward-thinking manufacturers

Have always regarded product innovation as a vital component for long-term success – and today's unpredictable business climate has only magnified its importance.



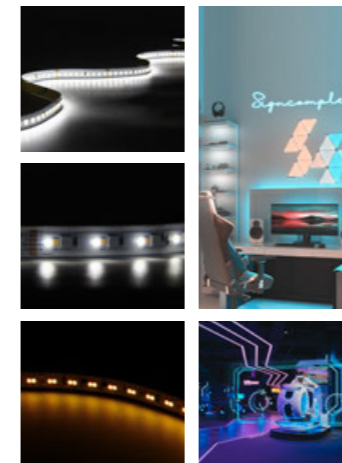
## Methods for implementing innovation

Innovation is not just about product differentiation and making incremental improvements, but also requires optimizing processes, streamlining internal and external communication, and exploring new technologies.



## Product Innovation

The Product Innovation Imperative is a practical guide for engineering and manufacturing leaders to pressure test their own organizations to identify areas of improvement. the following LED strips product range were delivered in 2022.



- Super high quality 2 SDCM, CRI90 white LED strips proven delivery
- Super brightness 12mm width 6700lm per meter, 2200lm per feet white LED strips proven delivery
- Super long lifespan L70B10 rating, 10mm width while LED strips achieve 70,000hrs (10 years warranty ) proven delivery
- Super long connection 8mm width DC24V constant current LED strip in 22 meters (75 feet) proven delivery
- Super long connection 12mm width DC48V constant current LED strip in 52 meters (165 feet) proven delivery
- Super uniform flexible LED wall washer strips
- Super easily dimmable white LED strip automatically warms from 1200K to 8000K bringing comfortable lighting effects.
- Super immersion HDMI video Sync and music style recognition smart control dynamic RGB LED strips kits
- Super wisdom AR-equipped sensor will identify the object graphics and effect same static RGB LED strips kits
- Super compatible LED strips bringing static and dynamic RGB for decoration and tunable white for illumination

# Signcomplex Testing and Standards

With the on-going education in the marketplace and the gradual introduction and adoption of standards and associated testing, more designers and specialists have a good understanding of the hidden factors involved in producing colour consistent, stable and durable LED products.

As a LED strip leading company in China, selling quality products in the most discerning markets, all our products undergo external testing by independent accredited authorities to quantify and substantiate their performance.

As the drafting unit, Signcomplex closely cooperates with Shenzhen lighting and display industry engineering association. The first version of energy efficiency standards for LED strip lights, is formally issued in CAS(China Standards Association), STD No.: T/SL .DA 004- 2022, issue date on 26th April 2022.

Certification and provision of data from accredited business partner who meets CNAS ISO17020 & ISO17025 and HQTS laboratory quality surveillance is currently considered best practice worldwide for the testing of complete LED luminaires.

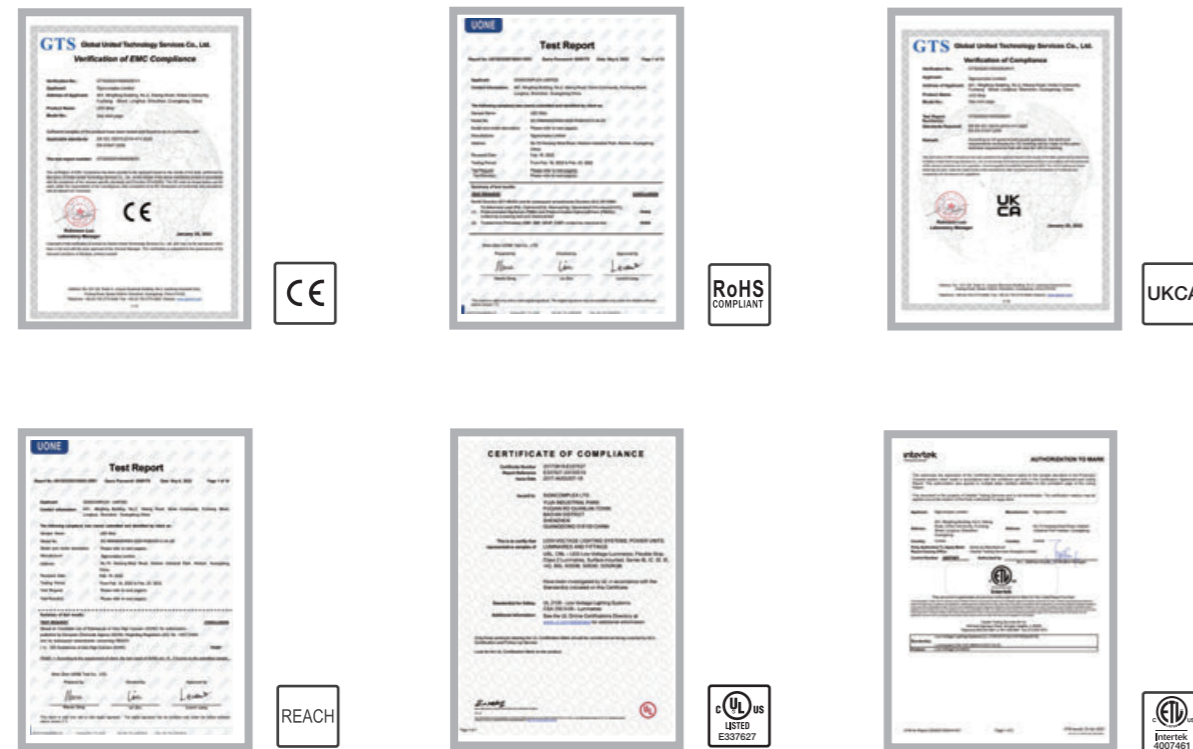
Through the CE, UKCA, ETL and UL certification, all Signcomplex products maintain the most internationally recognised safety standards.

Our research and manufacturing processes also incorporate many electrical and photometric testing procedures for individual components and finished luminaires.

## ERP test reference

|  |  |   |
|--|--|---|
| <b>Type of light source:</b><br><input type="checkbox"/> HL <input type="checkbox"/> LFLTSHE <input type="checkbox"/> LFL TSHO <input type="checkbox"/> CFLni <input type="checkbox"/> other<br><input type="checkbox"/> FL <input type="checkbox"/> HPS <input type="checkbox"/> MH <input type="checkbox"/> other HID <input checked="" type="checkbox"/> LED <input type="checkbox"/><br><input type="checkbox"/> OLED <input type="checkbox"/> mixed <input type="checkbox"/> other  |  | Rated Ra.....: 80<br>Outer dimensions.....(mm): N/A<br>Spectral power distribution.....: See attachment 2<br>Claim of equivalent power.....: <input type="checkbox"/> Yes: <input checked="" type="checkbox"/> N/A<br>Chromaticity coordinates (x and y).....: x:0.3820, y:0.3765<br>Peak luminous intensity.....(cd): N/A<br>Beam angle in degrees.....(°): N/A<br>R9 colour rendering index value R9.....: 0<br>Survival factor.....: 100%<br>The lumen maintenance factor.....: 98%<br>Displacement factor (cos φ1).....: 0.9<br>Colour consistency in McAdam ellipses.....: 2.8<br>Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.....: <input type="checkbox"/> Yes: <input checked="" type="checkbox"/> N/A<br>Flicker metric (Pst LM).....: 1.0<br>Stroboscopic effect metric (SVM).....: 0.4<br>Rated CCT .....(K): 3800-4200K<br>Rated life time.....(h): 53000h |
| <b>Lighting technology used:</b><br><input checked="" type="checkbox"/> NDLS <input type="checkbox"/> DLS<br><input type="checkbox"/> MLS <input checked="" type="checkbox"/> NMLS<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |  |   |
| <b>Non-directional or directional:</b><br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |  |   |
| <b>Mains or non-mains:</b><br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |  |   |
| <b>Connected light source (CLS):</b><br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |  |   |
| <b>Colour-tunable light source:</b><br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  |   |
| <b>Envelope:</b><br><input checked="" type="checkbox"/> no <input type="checkbox"/> second <input type="checkbox"/> non-clear  |  |   |
| <b>High luminance light source:</b><br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  |   |
| <b>Anti-glare shield:</b><br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  |   |
| <b>Dimmable:</b><br><input type="checkbox"/> Yes <input type="checkbox"/> only with specific dimmers <input checked="" type="checkbox"/> No  |  |   |
| <b>Control gear:</b><br><input checked="" type="checkbox"/> Integrated <input type="checkbox"/> External   |  |   |
| <b>Use of light source:</b><br><input checked="" type="checkbox"/> Indoor <input type="checkbox"/> Outdoor <input type="checkbox"/> Industry   |  |   |
| <b>Lamp cap installed:</b> N/A   |  |   |
| <b>General product parameters :</b><br>Energy consumption in on-mode (kWh/1 000 h): 7,5W<br>Energy efficiency class: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G<br>Rated useful luminous flux.....(lm): 1510lm<br>Rated CCT .....(K): 3800-4200K<br>On-mode power (Pon), expressed in W.....: 7,5W/0,5M<br>Standby power (Psb).....(W): 0<br>Networked standbypower(Pnet)for CLS (W): N/A |  |   |
| <b>Attachments:</b><br>The test report includes: ATTACHMENT 1(S) of product photos<br><b>Summary of testing:</b><br>1. These results are in compliance with the ecodesign requirements of the Commission Regulation (EU) 2019/2020.<br>2. Measurement was conducted at voltage 230V 50Hz and a stable ambient temperature 25±10°C.<br>3. THD ≤ 3%  |  |   |

## Certification



## Laboratory



## Energy efficiency standard

As the drafting unit, Signcomplex closely cooperates with Shenzhen lighting and display industry engineering association. The first version of energy efficiency standards for LED strip lights, is formally issued in CAS(China Standards Association), STD No.: T/SL .DA 004-2022, issue date on 26th April 2022.



## Transparent factory



## Mechanized production



# Some Examples of Signcomplex

## R&D Team Research in Action

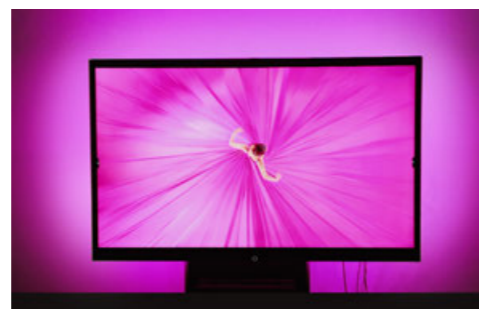
Best quality drive components are evaluated against electrical operating stresses to minimise failure rates.

Analysis and optimisation of drive currents, power distribution efficiency and heat dissipation within our circuit board designs for thermal resilience and colour maintenance in all operating environments.

Investigation of LED package, rigid light strip and NEON flex product distribution and geometry to achieve even illumination within and across adjoining products.

In-house chemical engineering research producing developments in optically efficient polyurethane resins, silicone formulations and their application techniques to ensure thorough protection for many of our high IP rated products.

Innovative smart control design produces PWM, SPI, Wifi, Bluetooth, Matter, Voice, Gesture, HDMI Sync, style recognition, AR-equipped sensor control, etc. for white LED strips smooth dimming and drastic reduction of flickering and strobing effects previously associated with LED dimming and bringing bright and colorful ambient effects.



# Illuminated White Light

Summarizes the advantages of the three methods used for Signcomplex LED strips

| Type                                      | Advantages  | Signcomplex Series  |
|---|---|---|
| Method 1<br>(Blue LED + Phosphor)         | <ul style="list-style-type: none"> <li>Proven technology (Cost, Production-effective)</li> <li>Good luminous efficiency (100-230lm/W)</li> <li>Various color temperatures (1900K-9000K)</li> <li>Good color uniformity (SDCM&lt;2 3 5 Steps)</li> <li>(CRI) of 80-97</li> </ul>   | Standard white illumination series<br>• SMD2835, SMD2216, SMD3014, SMD7070                              |
| Method 2<br>(Near ultraviolet + Phosphor) | <ul style="list-style-type: none"> <li>Blue light avoided, healthier</li> <li>Reduced luminous efficiency (90-140lm/W)</li> <li>Less white range (2700-6500K)</li> <li>UV packaging</li> <li>(CRI) of 90- 95</li> </ul>   | RG0 series<br>Blue light avoided, passed IEC/TR62778 blue light RG0 certification<br>• SMD2835, SMD5050 |
| Method 3<br>(Red+Green+Blue)              | <ul style="list-style-type: none"> <li>Vivid, dynamic color and electronic control</li> <li>Possibility to produce millions of colors</li> <li>Low illumination demand (outline or decorative)</li> <li>Temperature sensitive colors (6000K - ≥25000K)</li> <li>Small CRI (exemption for decorative purpose)</li> </ul> | RGB series<br>• SMD5050, SMD2835, SMD4713   |



# Signcomplex Colors

Our products are designed to adhere to the principle of using distinctive white LED packages that are specifically manufactured on demand to fully meet the design needs of Signcomplex.

The best LED chips and phosphors procured directly from our long-term business partner are packaged to our specification for each chosen colour temperature and luminous output rating.

We control the chromaticity and binning of our LED production and through our use of the premium phosphor, a high Colour Rendering Index (>80 as a basic, >90 as a standard, >95 as a premium), with significantly superior R9 values, is now a standard product feature.

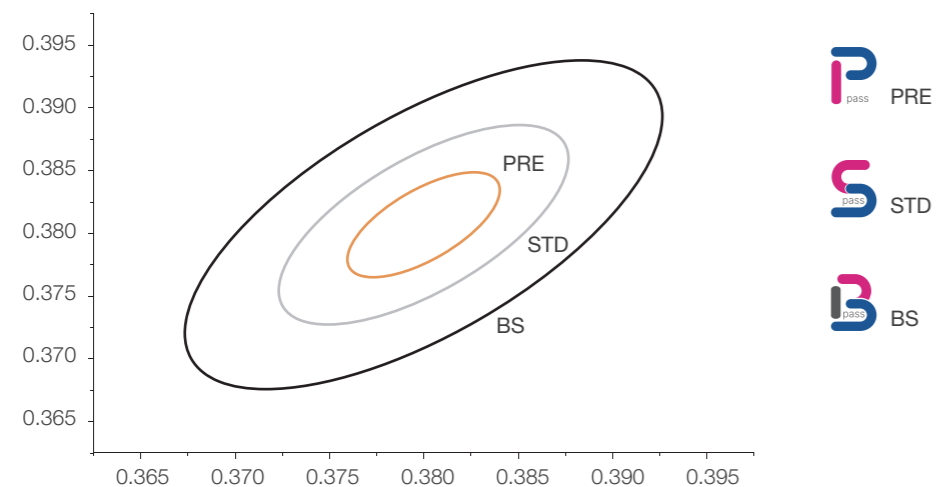
Unified LED source design delivers distinctively consistent and stable colour performance across all Signcomplex SMD LED product ranges. Designers can achieve colour matching across whole projects and consistency between projects with excellent results, both in "stand-alone" LED locations and in mixed technology lighting schemes.

Every batch of Signcomplex LED strip product manufactured is controlled by ERP system with a unique product code and all materials within are traceable. If a project is duplicated or extended, or if products are damaged in use – even years after installation – we ensure an accurate colour match by manufacturing LED packages to the same colour specification. For some custom applications our control of package design even allows our products to be matched with specific project colour requirements.

Because not all projects and installation locations benefit from the highest degree of consistency in colour temperature and hue, we introduce BS-line, STD-line and PRE-line, a three-tier product judgment standard across almost all of our SMD LED products.

BS-line and STD-line products feature LED packages binned to 3 SDCM or 5 SDCM, PRE-line meet 2 SDCM respectively with their price point weighted accordingly.

Identical in chip type and phosphors, 3-line products share the same high quality electrical and mechanical components providing designers with a simple choice to suit project requirements and budgets.



# Features of Signcomplex White LED strips

Visible and measured colour consistency – within LED strip products, between product ranges and across multiple projects over time.

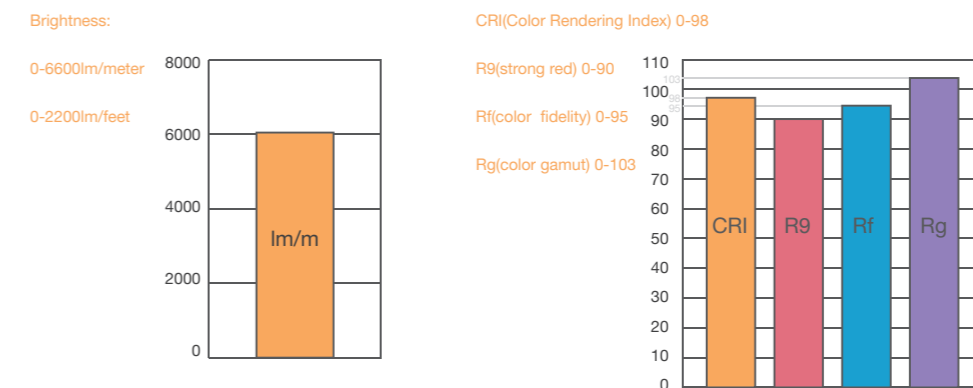
Signcomplex colour temperatures and hue characteristics – our specification through design.

Tens of thousands of flexible or rigid PCB layout used in Signcomplex SMD LED strip products range.

High CRI, lumen output, reliable with premium LED package partner support.

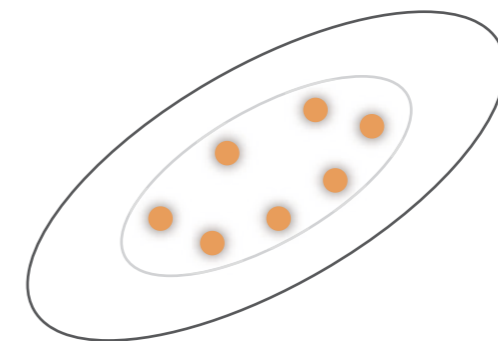
3-line products provides different colour consistency choice to match project and budget requirements.

Various accessories are developed, tested and tuned in collaboration with leading lighting designers.



# What is binning tolerance?

This is the measurement tolerance the LED manufacturer can ensure in sorting the LEDs into bins. If the tolerance is bigger than 0.003 then the LEDs are not strictly within the 3-step MacAdams. If not stated, LED strip products only use LEDs for which the LED manufacturer can ensure a SDCM3 binning with a 0.003 tolerance.





# CRI/Ra Test Color Samples (TCS)

The Color Rendering Index (CRI) is a widely used metric to describe color accuracy and fidelity. It is calculated as an average score on 8 color samples (called TCS or test color samples), with an additional 7 supplemental color samples for the extended CRI (e) metric.

Each of these scores is called  $R_i$ , where  $i$  represents the TCS number. For example,  $R_9$  is a commonly referenced deep red color score and is an important indicator of color quality for many applications.

CRI itself is a single number, and this is both a blessing and a curse. It is a great, convenient metric that is both intuitive and simple to communicate, but at the same time, particular color samples can distort the truth behind whether a light source is truly a high color rendering light source.

Below, we'll go into detail about each of the test color samples that make up the CRI metric.

|  |  |  |   |   |
|--|--|--|---|---|
| <b>TCS01</b><br>7.5R6/4<br>Light grayish red | <b>TCS02</b><br>5Y6/4<br>Dark grayish yellow | <b>TCS03</b><br>5GY6/8<br>Strong yellow green  | <b>TCS04</b><br>2.5G6/6<br>Moderate yellowish green | <b>TCS05</b><br>10BG6/4<br>Light bluish green |
| <b>TCS06</b><br>5PB6/8<br>Light blue         | <b>TCS07</b><br>2.5P6/8<br>Light violet      | <b>TCS08</b><br>10P6/8<br>Light reddish purple | <b>TCS09</b><br>4.5R4/13<br>Strong red              | <b>TCS10</b><br>5Y8/10<br>Strong yellow       |
| <b>TCS11</b><br>4.5G5/8<br>Strong green      | <b>TCS12</b><br>3PB3/11<br>Strong blue       | <b>TCS13</b><br>5YR8/4<br>Light yellowish pink | <b>TCS14</b><br>5GY4/4<br>Moderate olive green      | <b>(TCS15)</b><br>1YR6/4<br>Asian skin        |

Signcomplex CRI80



Signcomplex CRI95



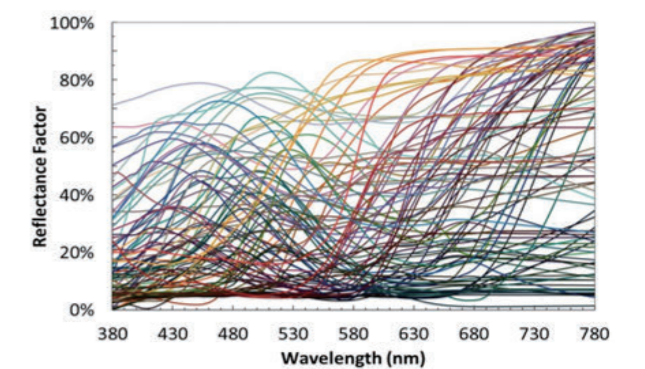
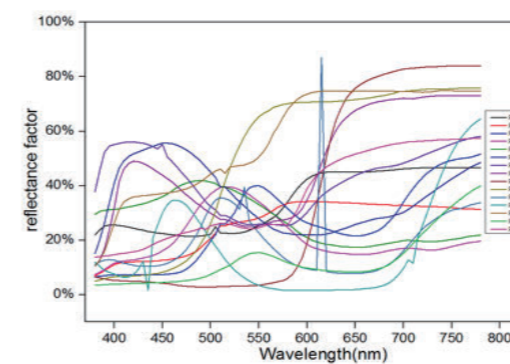
Signcomplex CRI97



# TM30-15

The TM30-15 report is a novel method to measure color rendering. It also takes the sun as a reference value of 100. 99 colors are tested with this method instead of 14, thus an expanded spectrum can be analyzed. The average of all 99 colors results in the Fidelity Index  $R_f$ . In this example, the difference can be seen particularly well in the red/orange and pink skin tones. Another component of the TM30-15 method is the gamut index  $R_g$  which measures the saturation of colors within the same color spectrum. The ideal value for  $R_g$  is 100, but the measured value can be both below and above 100. A perfect light source would have a value of 100 for  $R_g$  and  $R_f$ .

Good or high color rendering is recommended in areas where products are illuminated. Best examples are museums, art galleries as well as retail stores.



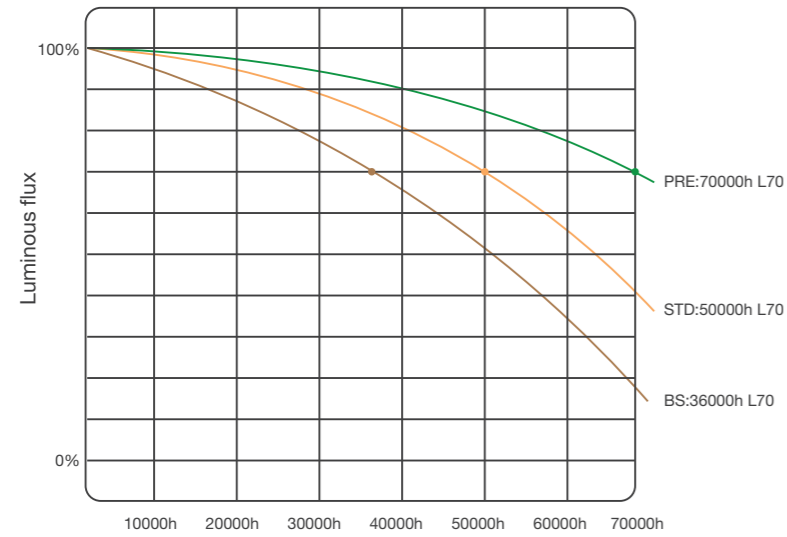
# LED Lifespan

One of the factors affecting the light decay of white LED: the chip.

The impact of the chip on the LED light decay is divided into two categories:

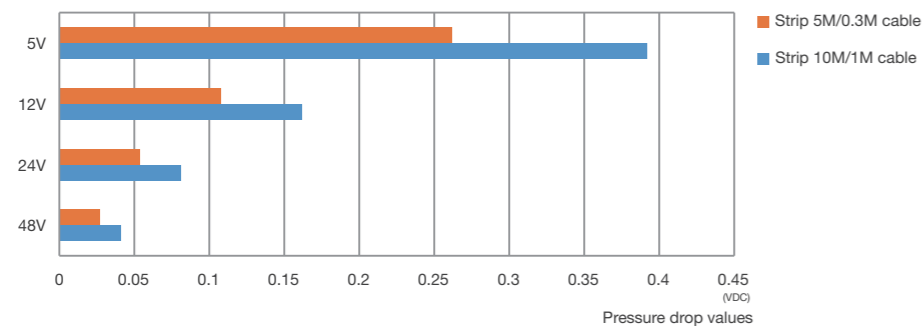
First, different materials of chips lead to different attenuation. The commonly used substrate materials of blue light chip are silicon carbide and sapphire. The general structure of silicon carbide is designed as a single electrode, and its thermal conductivity is relatively good. The sapphire is generally designed as a double electrode, so it is difficult to export heat and has poor thermal conductivity;

The second is the size of the chip. When the material of the chip is the same, the attenuation gap varies with the size.



# Voltage Drop

The higher the voltage, the smaller the voltage drop, and the more convenient the use of ultra-long connection.



# Dual Color Temperature

Dual LEDs Guaranteed  
Dual Colors Design

Natural and soft lighting, balance design

Color temperature dimming from cold to warm, brightness control from low to high freely

Excellent light mixing consistency

\*2216 dimming to warm

# Customization

White light color temperature and monochromatic light wavelength can be customized and matched freely.

|                        |                   |  |
|------------------------|-------------------|--|
| Orange 600-610nm       | Green 517-527nm   |  |
| White 6500K            | Yellow 585-595nm  |  |
| Warm White 3000K       | Glod Yellow 2200K |  |
| Blue 465-475nm         | Warm White 3000K  |  |
| Warm White 3000K       | Green 517-527nm   |  |
| Super Warm White 2400K | Orange 600-610nm  |  |
| White 6500K            | Warm White 2700K  |  |
| Natural White 4000K    | White 6500K       |  |
| Red 620-630nm          | Blue 465-475nm    |  |
| Red 620-630nm          | Green 517-527nm   |  |

# Industry Terms

## Luminaire

Term for 'light fittings' or 'fixtures' referring to a complete lighting product.

## Diffusion/Diffuse

Where an optical element – often translucent glass or plastic – covers the light source within a housing. The light transmitted throughout the diffuse will be redirected and scattered with the optical properties and transmission efficiency of the material used.

## Luminous flux & lumens

The total quantity of light emitted by a light source within the visible spectrum(380-780nm) as perceived by the human eye, luminous flux is measured in lumens (lm).

## Illuminance & Lux

Illuminance is the number of lumens falling per square metre, measured in lux (lx).

## Candela (cd)

Is the measurement of luminous intensity within a narrow cone, calculated by:luminous flux ÷ unit solid angle.

This is often the quantitative figure used to describe the output of directional lamps.

## Luminaire efficacy

Defined as the number of lumens produced from a luminaire,divided by Wattage of power provided, lumens per Watt (lm/W).

## Photometric testing

The science of measuring light intensity,colour and quality of light perceived by the human eye.

## Integrating sphere

Part of the testing system used for photometric measurements and is the most accurate way of measuring total luminous flux, colour temperature and colour properties.

## Goniophotometer

The goniophotometer is a piece of photometric testing equipment that measures light intensity at a given angle to the luminaire or light source. The data a goniophotometer records can be used to generate photometric files (e.g. ies, ldt,etc) which digitally model the output of a luminaire and allows it to be loaded into lighting design software.

## Colour Space (CIE colour space/chromaticity diagrams)

A theoretical colour concept illustrated by a series of graphical projections mathematically representing all visible colours of light. The International Commission on Illumination (CIE) has defined several of these spaces – the CIE 1931 colour space and CIE 1976CIELUV colour space being the most widely referenced in lighting. A three dimensional colour space is projected as a two dimensional chromaticity diagram on which other colourimetric scales, such as CCT ranges and the Planckian locus,can be overlaid. Measured colorimetric data for LED sources can be plotted and compared to illustrate colour performance and consistency between products and relative to the colour specifications of lighting test standards.

## Kelvin (Correlated Colour Temperature – CCT)

### In lighting, Kelvin is the system

In lighting, Kelvin is the system adopted to define colour of white light with a single-number. It compares the colour of a black body conductor emitting light when being heated to the given temperature in degrees Kelvin (K). It is important to note that CCT can only relate a light source to the closest Kelvin value of a black body conductor, and thus does not account for hue shift within the colour.

## Planckian locus/ Black body line

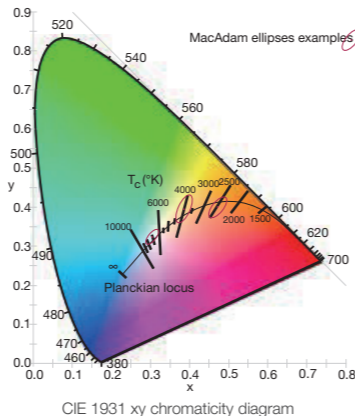
The plot of colour temperature (CCT)that a black body conductor or tungsten filament produces as it is heated up through degrees Kelvin.

## MacAdam Ellipse (SDCM)

The results of a statistical study being plotted on to a colour space diagram.The spread of results is defined within an elliptical plot, the edges of which represent a set deviation in colour from that at its centre. The scale of the ellipse is determined by the number of standard deviations of colour matching or 'steps'used in plotting. The colour variation represented by a1-step MacAdam ellipse is not visible but becomes progressively more discernible in ellipses with a greater number of steps and becomes apparent to most observers above 2 or 3 steps. MacAdam ellipses are sometimes quoted in the specifications of white LED products to quantify colour consistency. Standard Deviation Colour Matching or SDCM has the same meaning as MacAdam ellipse.

## Hue

Is the attribute based on classification of colour as reddish, yellowish, greenish,bluish or their intermediaries.



## Colour rendering index (CRI)

Is the method of measuring how well a light source renders a specific set of colours. CRI is based on 14 colour samples, the first 8 in the set are pastel colours arranged around the hue circle, 9 to 14 are colours of special significance (skin tone, organic materials etc.). A blackbody radiator such as an incandescent lamp and natural midday sun (5000-6000K) will have a CRI of 100%.

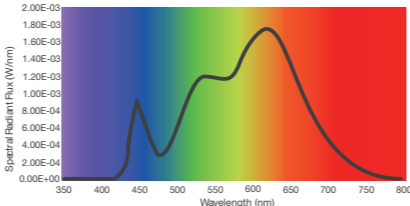


## Rendering average (Ra)

The average of the rendering values for the first 8 colour samples for a given light source.

## Spectral power distribution

Displayed in graph form, plotting emitted radiation power against wavelength. By integrating the graph/function you would get the wattage of light being emitted.



## Wavelength

Light is considered as a wave, and has measureable wavelengths, it is the wavelength of light that determines its type of electromagnetic radiation.The distance between the successive waves is defined as its wavelength.Within the visible spectrum, it is the combined visual power of light at every given wavelength that makes up a light sources apparent colour.LED dice producing light in the visible spectrum, emit light of wavelengths ranging from around 330 to 780nanometres – a specified range of wavelengths indicating the colour of light produced. In most white LED's, phosphors absorb the shorter blue wavelengths and re-emit light at a wider range of longer wavelengths.

## Ultraviolet (UV)

A range of non-visible radiation with wavelengths less than 380nm beyond the blue end of the visible spectrum.Protection from the sun's UV radiation is required to prevent degradation of plastics and other materials used in exterior lighting products.

## Infrared (IR)

A range of non-visible radiation with wavelengths less than 380nm beyond the blue end of the visible spectrum.Protection from the sun's UV radiation is required to prevent degradation of plastics and other materials used in exterior lighting products.the red end of the spectrum. Infrared radiation includes thermal radiation which is used for thermal imaging.

## Voltage

Defined as the potential difference across a conductor, often referred to as the electrical force or pressure that drives a circuit. Unit of measurement is Volts (V).

## Current

Measured in Amperes (Amps, A) is the flow of electric charge. Electric charge flows when there is a voltage or electric potential difference between connected conductors.

## Resistance

Measured in Ohms (Ω) defines the resistance against current flow when a voltage or electrical potential is present.

## Wattage

Is the measure of work done, or energy consumed most commonly known as power. Unit of measurement is Watts (W).One Watt is defined as the work done when one ampere (A) of current flows through an electrical potential difference of one volt (V).

## Direct current (DC)

Is when the direction of current flow in a circuit remains constant, the type of supply you would expect from a battery.

## Constant current

Often referred to when describing circuits and products' power requirements. A constant current product or component would require a power source (driver) to vary voltage to maintain the desired current.commonly wired in series circuits. The individual LED chips on the circuit boards of power LED products are supplied with a constant current power source for stable performance and control of thermal output. The voltage supplied varies to accommodate multiple chips. Almost all KKDC LED products employ on-board constant current conversion of an external constant voltage power supply.

## Constant voltage

Often referred to when describing circuits and products' power requirements. A constant voltage component or product would require a power source to vary current to maintain the desired voltage.Constant voltage products are most commonly wired in parallel circuits.

## Printed circuit board (PCB)

An assembly of single or multi-layered mounting surfaces with conductive tracks (and soldered components) found at the heart of most modern electronic devices. Most KKDC products use metal based PCB technologies which provide significant advantages in thermal management. As a result KKDC's metal based flexible linear products can be used without additional heat sinking.

## Resistor

circuit component which has a specific resistance measured in Ohms (Ω). May have multiple applications including reducing voltages for component requirements or used as parameter settings for certain IC's.

## Integrated circuit (IC)

A circuit or collection of circuits mounted on a small plate of semiconductor material,most commonly silicon. IC's have a range of applications, for LED technology the most common uses for IC's are voltage and current control within circuits.

## Diode

A circuit component with asymmetric conductance, meaning that current will only flow in one direction. Some diodes also emit light (LED's) in response to the passage of current in a phenomenon called electroluminescence.

## Series circuit

When components, or products, are wired from positive to negative, or in series, throughout the circuit.

## Parallel circuit

When all components, or products, in the circuit share common positives and negatives.

## AWG

Abbreviation for 'American Wire Gauge'– a numerical scale for wire size. The AWG number relates to the diameter,cross sectional area and thus the current carrying capacity of electrical wires.By contrast, in the Metric system electrical conductors are described directly by cross sectional area in mm2 or in stranded wires by the number and size of the strands.

## IP rating

Ingress protection rating refers to a specific set of numbers that refer to a products ability to prevent intrusion from solid objects (including fingers and dust)and water.

- IPXX The first digit of the IP code indicates the degree of protection against contact with internal components and the degree of protection against foreign bodies intruding into the product enclosure.
- 0 No special protection
  - 1 Protection from large solid objects,greater than 50mm in diameter.
  - 2 Protection against fingers sized objects not greater than 80mm in length and12mm in diameter.
  - 3 Protection from entry by tools, wires,etc., with a diameter of thickness greater than 2.5mm.
  - 4 Protection from entry by solid objects with a diameter or thickness greater than 1.0mm
  - 5 Dust protected, limited ingress of dust permitted.
  - 6 Dust tight.

- IPXX The second digit indicates the degree of protection the product has against various forms of moisture and liquid.
- 0 No special protection Limited ingress permitted.
  - 1 Protection from dripping water. Limited ingress permitted.
  - 2 Protection from vertically dripping water when enclosure is tilted to 15° from vertical. Limited ingress permitted.
  - 3 Protection from sprays of water at 60°from vertical. Limited ingress permitted.
  - 4 Protection from low pressure water jets from all directions. Limited ingress permitted.
  - 5 Protection from high pressure water jets from all directions. Limited ingress permitted.
  - 6 Protection against heavy seas, or powerful jets of water. Limited ingress permitted.
  - 7 Protection against temporary immersion at a depth of 150-1000mm.
  - 8 Protection against complete,continuous submersion in water at a specified depth\*.
- \* Submersion depth must be specified by the manufacturer

## DALI – Digitally Addressable Lighting Interface

A digital communication protocol originally developed for the centralised control of fluorescent lighting in buildings and now also used for control of LED installations.

## DMX

A digital communication protocol for control of dimming, colour change and other control parameters.Used extensively in the theatre and entertainments industry and has become a commonly used method for digital control of architectural lighting.

## 1-10V

dimming used in LED lighting – originally developed for fluorescent lighting. An analogue control voltage is varied between 0 and 10 Volts by means of a potentiometer or other controller and produces a corresponding change in the pulse width modulated power supplied to an LED circuit and thus the brightness.

Following is helpful for quick 1-10V on-site testing:

Shorted (10V) = lowest output (0%)

Open (0V) = highest output (100%)

## 0-10V

Often referring to the same operation of 1-10V, 0-10V can mean that a subcontroller or dimmable fitting is set up to receive a control voltage generated by the master controller. A resistive dimmer may not work with a 0-10V system so it is worth checking the exact meaning from the manufacturer.

We have adopted the following understanding:

- 1-10V – device will operate and respond to resistive control, and receiving supply control voltage.
- 0-10V – device will only operate when supplied with a control voltage.

## Power supply unit (PSU)

Refers to the devise that produces the,normally low voltage, DC signal for equipment and lighting products. PSU's have a wide range of power variations available with various constant current or constant voltage outputs. Also dimmble PSU's are available, which normally receive a control signal and output a PWM supply to the light source.

## Driver

General term for a power supply unit or power supply circuit.

KKDC have adopted the following understanding:

- PSU – for constant voltage power sources
- Driver – for devices performing constant current power conversion

## Pulse width modulation (PWM)

An electronic method for varying the power supplied to LED light sources through rapid switching. Adjustment of pulse duration or duty cycle gives rise to variations in brightness for dimming and colour mixing.

## Bin/Binning

During manufacture, LED dice will have significant performance variations and can be sorted or 'binned' in to smaller groups according to spectral distribution,luminous intensity and forward voltage for example. The application of phosphors during the packaging of white LED's introduces further variations in colour and performance which may in turn be 'binned'. The scale and parameters of the bins used will often determine the colour consistency and cost of finished white LED products – (coordinates(x, y or u', v') of quadrangles on colour space plots are used to document colour consistency of binned white LEDs).

## Phosphors

Absorbs a specific spectrum of wavelengths and re-emits light a wider range of wavelengths. In most white LEDs, the die is emitting a small range of blue wavelengths and the phosphor is absorbing this and re-emitting light across the green and red

## Heat sink

In LED lighting – a component or assembly to conduct and dissipate heat away from an LED package. KKDC products have heat sinking elements as integral parts of the product design and require no additional heat sink under all normal operating conditions.

## LED lifetime

The useful lifetime of an LED light source in hours.L70 (lifetime to 70% of initial lumen output) has become a standard way of stating lifetime.

The length of time an LED light source actually performs to an acceptable standard, depends on most aspects of design and manufacture,including quality of source components and thermal, electrical and environmental operating conditions.Poor design, components, manufacture or operation can result in premature loss of light output, colour shifts and failure. The LM80 lumen maintenance test can provide data that can be extrapolated to give more reliable L70 lifetime figures.

## LED package

more LED dice that contains wire bond connections along with any phosphors,optical elements and thermal or mechanical structures. The complete LED component for incorporation into arrays and finished products.

## Temperature – Ta/Tc/Tj

Ta – Ambient temperature;

Tc – Reference point (Case) temperature;

Tj – Junction temperature.

Values for these are often quoted in the testing of LED components, specification of LED products and discussion of thermal design of LED products.Tj is the temperature at the semiconductor junction within an LED die. Heat produced must be removed by efficient thermal design of LED package,PCB and housing in order that Tj does not exceed a specified maximum (Tj max) or degradation of performance and failure may occur.Ta is the temperature of the surroundings. In Signcomplex specifications Ta is given as a range of temperatures within which the product is designed to operate.Tc, in testing of products, may refer to any named reference point where temperature is measured. In KKDC products Tc is given as a maximum value which the outside of a product housing or mounting may reach in operation within the Ta range given.

## Thermal management

the designers of LED packages and LED lighting products, to ensure that heat is conducted and dissipated away from the light producing junction within an LED package. In general, higher LED light output requires more electrical power which, in turn, generates more heat.Failure to address this adequately leads to degradation of output power,colour quality and ultimately premature LED failure.

## IEC

International Electrotechnical Commission,quoted from IEC website, about IEC;'Millions of devices that contain electronics,and use or produce electricity, rely on IEC International Standards and Conformity Assessment Systems to perform, fit and work safely together.It is the IEC for instance, who produced IEC 60598-1 for Luminaires – Part 1:General requirements and tests.

## BSI

British Standards Institution. A business standards company providing manufacturers and service providers with assessment, certification and specification of British, European and international standards and quality marks.

## IESNA

Illuminating Engineering Society of North America (IES or IESNA) are a non-profit organisation whose mission statement is: 'The IES seeks to improve the lighted environment by bringing together those with lighting knowledge and by translating that knowledge into actions that benefit the public.' The IES have developed some of the now commonplace global standards for measuring light such as LM79, and LM80.The IES constantly updates standards to reflect the evolving industry.

## ANSI

The American National Standards Institute. Co-ordinates and accredits national and international standards meeting the needs of American organisations and companies.Lighting performance is one area in which their standards have reached international prominence.

## ISO

LM79-08 defines the "Approved Method:Electrical and Photometric Measurements of Solid-State Lighting Products"developed by the IES. It provides absolute photometric, colorimetric and electrical data for luminous flux, chromaticity, CCT and CRI for complete LED products. LM79allows fair comparison of LED lighting products and evaluation for use in particular environments.KKDC products have been independently tested by an accredited UK laboratory and testing facility to the LM79 standards.

## LM79-08

A range of non-visible radiation with wavelengths less than 380nm beyond the blue end of the visible spectrum.Protection from the sun's UV radiation is required to prevent degradation of plastics and other materials used in exterior lighting products.the red end of the spectrum. Infrared radiation includes thermal radiation which is used for thermal imaging.

## LM80

Developed by the IES is the standard for"Approved method for measuring lumen depreciation of LED light sources." It is important to note that LM80 covers light sources (LED chips, arrays and modules)not lamps and luminaires.

It provides guidance for measuring lumen maintenance by testing for at least6000 hours at 3 different case temperatures: 55°C, 85°C and another manufacturer specified.

## TM-21

TM-21 provides the extrapolation method for LM-80 measurements. This provides lumen maintenance predictions for either 5.5 or 6 times the measured data,dependant on sample size tested.

## CE

Mandatory conformity marking for products sold in the European Economic Area (EEA). The marking is the manufacturer's declaration that the product meets the specific requirements applicable to that product.

## RoHS Directive 2002/95/ECN

The Restriction of Hazardous Substances Directive (RoHS), is a European directive that has become law in EC member countries now law that restricting the use of several hazardous materials in the manufacture of electronics.

## Extruding

Extruding or extrusion is a process of manufacturing an object with a fixed cross section. The process involves a material being pushed or drawn through a mould or die of the desired cross section.

## CNC machining

An automated machining process in manufacturing; drilling, milling or cutting material as per a digital program or drawing.

## SMT

SMT stands for surface-mount technology. Replacing through hole techniques in the production of electronic circuit boards, SMT allows more compact products and more automation in their manufacture.

## Anodising

An electrolytic process producing a very hard oxide layer on the surface of aluminium parts. Anodising can protect against corrosion in harsh chlorinated or marine environments and can also incorporate coloured dyes for decorative effect.

## Silicone

Any one of a class of largely inert,synthetic polymer compounds used for sealing and encapsulation in some KKDC products. Thermal, optical and environmental factors govern the choice of compound for a particular application.

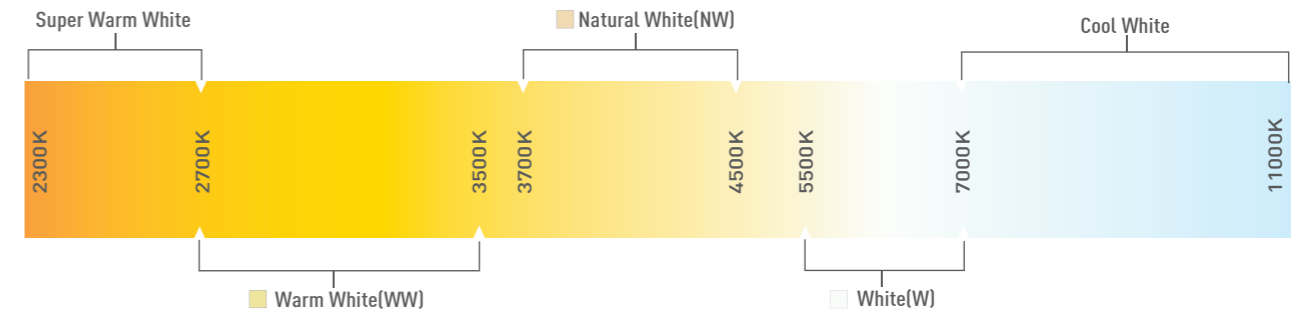
## VP – Vacuum Plating

A protective conformal coating produced by vacuum deposition polymerisation techniques on circuit boards and assemblies to prevent dust and moisture ingress.

# IP Grade & Dimension

| IP Grade | Description                       | Components                          | FPC Width: 8mm                | FPC Width: 10mm                 |
|----------|-----------------------------------|-------------------------------------|-------------------------------|---------------------------------|
| IP20     | Non-waterproof                    | LED, PCB, 3M adhesive tape          | 8mm / 0.31"                   | 10mm / 0.39"                    |
| IP64     | Slim PU glue potted               | PU glue, LED, PCB, 3M adhesive tape | 2.8mm / 0.11"<br>8mm / 0.31"  | 2.8mm / 0.11"<br>10mm / 0.39"   |
| IP65     | Silicon sleeved                   | Silicon sleeve, LED, PCB            | 4mm / 0.16"<br>11mm / 0.43"   | 4mm / 0.16"<br>12.5mm / 0.49"   |
| IP65     | PU glue potted                    | PU glue, Half-pipe, LED, PCB        | 4.3mm / 0.17"<br>10mm / 0.39" | 4.6mm / 0.18"<br>12.5mm / 0.49" |
| IP65     | Silicon extrusion (No CCT Change) | Silicon extrusion, LED, PCB         | 5mm / 0.2"<br>10mm / 0.39"    | 6mm / 0.24"<br>12mm / 0.47"     |
| IP68     | Silicon extrusion (No CCT Change) | Silicon extrusion, LED, PCB         | 6mm / 0.24"<br>12mm / 0.47"   | 6mm / 0.24"<br>14mm / 0.55"     |

# Color Temperature (CCT)

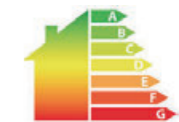
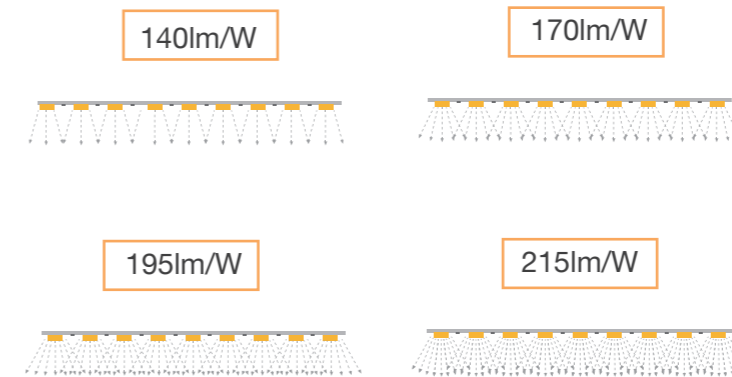


# Color Temperature Deviation

| LEDs Type | Color | IP20<br>Non-waterproof | IP65<br>Silicon sleeved | IP65<br>PU glue potted | IP64<br>Slim PU glue potted | IP65&IP68<br>Silicon extrusion |
|-----------|-------|------------------------|-------------------------|------------------------|-----------------------------|--------------------------------|
| 3528      | WW    | 2910K                  | 2870K                   | 3500K                  | 3520K                       | 2890K                          |
|           | NW    | 4450K                  | 4230K                   | 6340K                  | 6300K                       | 4260K                          |
|           | W     | 6550K                  | 6200K                   | 17580K                 | 16680K                      | 6400K                          |
| 5050      | WW    | 3000K                  | 2950K                   | 3900K                  | 3850K                       | 2950K                          |
|           | NW    | 4420K                  | 4190K                   | 6600K                  | 6550K                       | 4270K                          |
|           | W     | 6470K                  | 6350K                   | 23690K                 | 20600K                      | 6370K                          |
| 2835      | WW    | 2930K                  | 2890K                   | 3970K                  | 3930K                       | 2920K                          |
|           | NW    | 4220K                  | 3950K                   | 6370K                  | 6350K                       | 4110K                          |
|           | W     | 6320K                  | 5890K                   | 21270K                 | 22920K                      | 6040K                          |
| 3014      | WW    | 2960K                  | 2850K                   | 3590K                  | 3570K                       | 2890K                          |
|           | NW    | 4400K                  | 4220K                   | 6300K                  | 6280K                       | 4260K                          |
|           | W     | 6420K                  | 6320K                   | 19770K                 | 19780K                      | 6320K                          |
| 2216      | WW    | 3050K                  | 3000K                   | 3850K                  | 3950K                       | 2900K                          |
|           | NW    | 4200K                  | 4100K                   | 6400K                  | 6500K                       | 4050K                          |
|           | W     | 6100K                  | 6050K                   | 11600K                 | 11850K                      | 6000K                          |
| 2110      | WW    | 3000K                  | 2950K                   | 3800K                  | 3850K                       | 2900K                          |
|           | NW    | 4300K                  | 4150K                   | 6200K                  | 6350K                       | 4050K                          |
|           | W     | 6350K                  | 6100K                   | 12250K                 | 12750K                      | 6000K                          |

# Luminous Efficacy

High efficiency constant voltage circuit design of Signcomplex LED Strip helps to realize the 90-215lm/W LED strip, achieving high lumen efficiency requirements.



Energy Saving



Cost Saving

# Guideline Table

■ 2110 ■ 2216 ■ 3014 ■ 2835 ■ 3528 ■ 5050

## Lumens

|                                 |  |
|---------------------------------|--|
| 300-500lm/M<br>90-152lm/FT      | SC-2835CC-60D SC-2835TM-XX SC-IB2-XX SC-DC-XX SC-DC-X24/48 SC-3528RH-XX SC-IS-XX-8mm SC-IS-XX-6mm<br>SC-2835CC-70D SC-2216IB-XX  |
| 510-700lm/M<br>155-213lm/FT     | SC-2216TM-12D SC-2835SD1 SC-EP2835-XX/95 SC-EP3528-XX/95 SC-EP5050-XX/95 SC-EPSC-5050IP-XX SC-2216-240D<br>SC-B5-2835IG-30D SC-2835-YID2 SC-2216IB-XX SC-3014BS-XXD SC-2835CC-XXD SC-OLOC-30D SC-2835-06-HCH80                       |
| 710-800lm/M<br>216-244lm/FT     | SC-IG1-PX SC-IG1 SC-2835-GPX SC-IB2-X2 SC-SID-3014 SC-TM-XX2 SC-3014SD SC-IE SC-2835-YID2<br>SC-2835CC-XXD SC-3528-C SC-2216-01  |
| 810-1000lm/M<br>247-305lm/FT    | SC-2216IB-XX SC-IE-PXX SC-3528RH-XX2 SC-B5-2835IG-64D SC-B5-2835IT-64D SC-2835-YID2 SC-2835-06-HCH80   |
| 1010-1300lm/M<br>308-396lm/FT   | SC-2835HE-PX SC-2835SD2 SC-2835TM-XX2 SC-EP3528-X2/95 SC-B5-2835IG-60D SC-B5-2835IT-60D SC-OLOC-60D<br>SC-B5-2835IT-128D SC-ST-2835-80D SC-2835CC-IC SC-2835-YID2 SC-2216IB-XX SC-3014BS-XXD SC-2835CC-XXD<br>SC-2835-SXX SC-2216-01 |
| 1310-1500lm/M<br>400-475lm/FT   | SC-2216TM-24D SC-EP2835-X2/95 SC-IG2 SC-2835IM-125D-12V SC-IE2 SC-EP5050-XX2/95 SC-5050IP-X2<br>SC-B5-2835IG SC-B5-2835IT-120D SC-2835CC-XXD SC-2835-YID2 SC-OLOC-80D<br>SC-2216-240D SC-2835-SXX                                    |
| 1510-1700lm/M<br>460-518lm/FT   | SC-2216IB-XX SC-2216TM-28D SC-IG2-PX SC-2835-GPX2 SC-IE2-PX SC-3014SD2 SC-B5-2835IT-240D<br>SC-ST-2835-XXD SC-OLOC-100D SC-2835-Ppass  |
| 1710-1900lm/M<br>521-579lm/FT   | SC-2216TM-30D SC-2110-32D SC-2216IB-XX SC-OLOC-120D  |
| 1910-2100lm/M<br>582-640lm/FT   | SC-2835HE-PXX2 SC-2110-40D SC-B5-2835HE-64D SC-B5-2835IT-240D SC-ST-2835-XW-XXD SC-2216IB-280D<br>SC-3014BS-XXD  |
| 2110-2300lm/M<br>643-701lm/FT   | SC-2835TM-XX3 SC-3014SD3 SC-IE3 SC-ST-2835-14W-128D SC-2216IB-300D   |
| 2310-2500lm/M<br>704-762lm/FT   | SC-2835SD3 SC-IE3-PX   |
| 2510-2700lm/M<br>765-823lm/FT   | SC-EP2835-X3/95 SC-2110-64D SC-3014BS-XXD  |
| 2710-2900lm/M<br>826-884lm/FT   | SC-IG3-PX SC-IG3 SC-2835-GPX3 SC-2110-912 SC-ST-2835-18W-160D  |
| 3110-4100lm/M<br>948-1258lm/FT  | SC-ST-2835-20W-240D SC-ST-2835-25W-240D  |
| 5310-5700lm/M<br>1618-1737lm/FT | SC-ST-2835-256D  |
| 6310-6700lm/M<br>1923-2042lm/FT | SC-ST-2835-288D  |

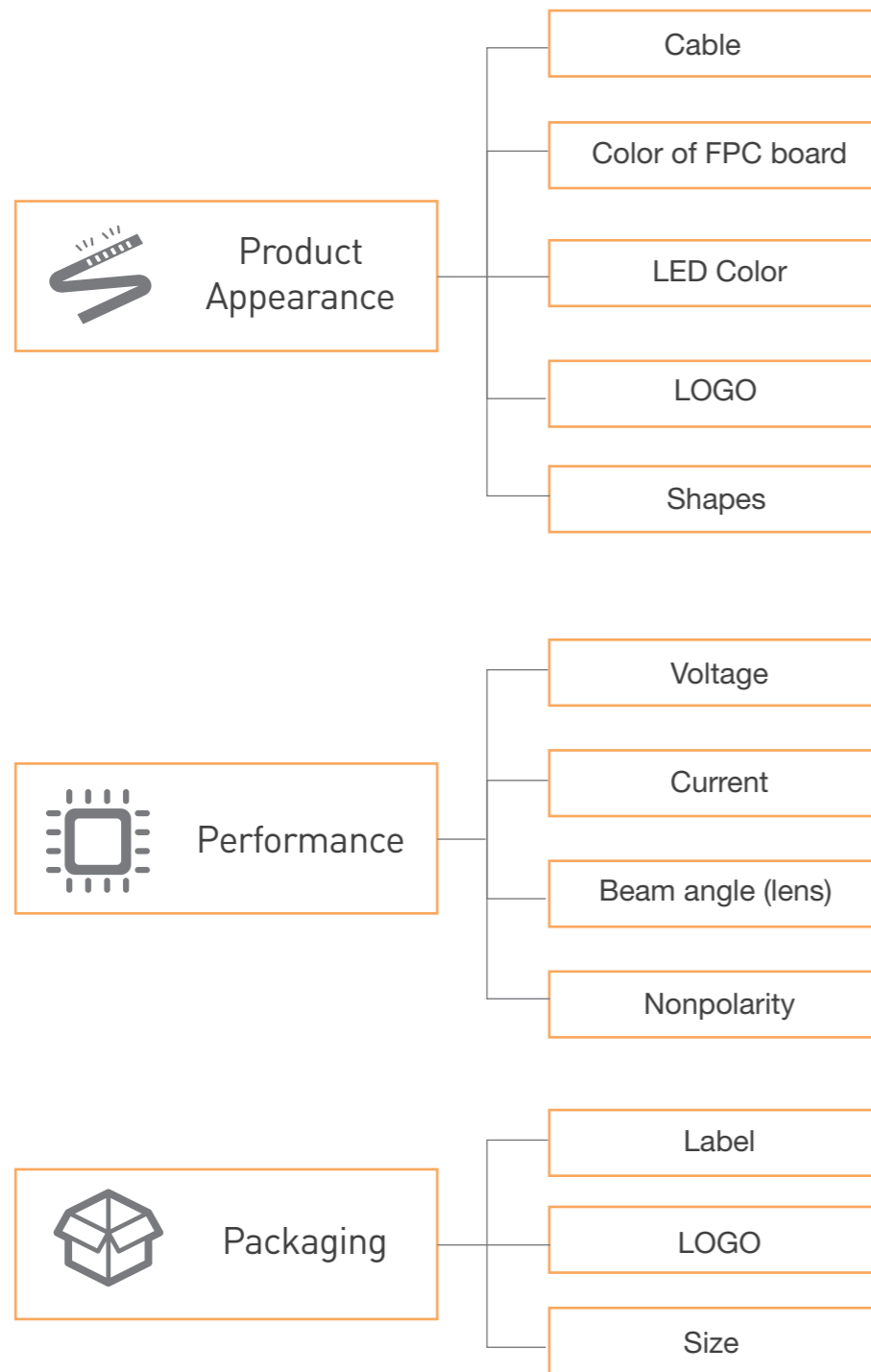
## Power

|                    |   |
|--------------------|---|
| 4.0W/M<br>1.22W/FT | SC-2835CC-70D   |
| 4.3W/M<br>1.31W/FT | SC-5050RGBIC-30D  |
| 4.8W/M<br>1.46W/FT | SC-EP3528-XX/95 SC-IB2-XX SC-DC-XX SSC-3528RH-XX SC-IS-XX-8mm SC-SID-3014 |
| 5.0W/M<br>1.52W/FT | SC-2835CC   |
| 5.8W/M<br>1.77W/FT | SC-2835HE-PX SC-IG1-PXX SC-IE-PXX SC-2835-GPX SC-IS-XX-6mm SC-3014BS-64D  |
| 6.0W/M<br>1.83W/FT | SC-5050RGBIC-30D SC-OLOC-30D  |
| 7.0W/M<br>2.13W/FT | SC-2835CC-126D  |

## Power

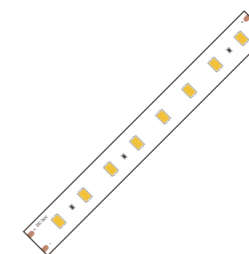
|                      |   |
|----------------------|---|
| 7.2W/M<br>2.19W/FT   | SC-2835SD1 SC-2835TM-XX SC-EP2835-XX/95 SC-IG1 SC-3014SD SC-IE SC-EP5050-XX/95 SC-EPSC-5050IP-XX<br>SC-B5-2835IG-64D SC-B5-2835IT SC-2835RGB-30D SC-SF-5050IP-RGB SC-3014BS-60D SC-2216-120D  |
| 7.7W/M<br>2.35W/FT   | SC-2216IB-XX SC-2835CC-120D   |
| 8.0W/M<br>2.44W/FT   | SC-ST-2835-60D SC-2835CC-120D SC-2216DTW SC-2216-01   |
| 8.6W/M<br>2.62W/FT   | SC-5050RGBIC-60D  |
| 9.0W/M<br>2.74W/FT   | SC-B5-2835IT-128D SC-B5-2835IG-128D SC-ML-0301-DTW  |
| 9.6W/M<br>2.9W/FT    | SC-2216IB-XX SC-IE2-PX SC-EP3528-X2/95 SC-IB2-X2 SC-3528RH-XX2 SC-3528-C  |
| 10.0W/M<br>3.05W/FT  | SC-ST-2835-XXD SC-2835CC-XXD SC-OLOC-60D SC-2835-06-HCH80-60D   |
| 11.0W/M<br>3.35W/FT  | SC-B5-2835IT-240D SC-2835CC-IC SC-2835DTW-140D  |
| 11.5W/M<br>3.50W/FT  | SC-2835HE-PXX2 SC-IG2-PX SC-2835-GPX2   |
| 12.0W/M<br>3.66W/FT  | SC-ST-2835-XXD SC-5050RGBIC-60D SC-OLOC-80D SC-2835-Ppass SC-2835-06-HCH80-120D SC-2216-01  |
| 12.5W/M<br>3.81W/FT  | SC-2216IB-XX  |
| 13.0W/M<br>3.96W/FT  | SC-5050RGBIC-90D  |
| 14.0W/M<br>4.27W/FT  | SC-ST-2835-128D SC-OLOC-10D SC-2835DTW-168D   |
| 14.4W/M<br>4.39W/FT  | SC-2835SD2 SC-2835TM-XX2 SC-EP2835-X2/95 SC-IG2 SC-3014SD2 SC-IE2 SC-EP5050-XX2/95 SC-2835-SXX<br>SC-5050IP-X2 SC-2835IM-125D-12V SC-2835IM-120D-24V SC-B5-2835IG-60D SC-B5-2835IT SC-2835RGB<br>SC-SF-5050IP-RGB SC-2216IB-XX SC-3014BS-120D SC-2835-06-HCH80-96D SC-2216-240D |
| 16.0W/M<br>4.88W/FT  | SC-OLOC-120D SC-2835DTW-240D  |
| 17.0W/M<br>5.18W/FT  | SC-5050RGBIC-84D  |
| 17.2W/M<br>5.24W/FT  | SC-IE3-PX   |
| 18.0W/M<br>5.49W/FT  | SC-ST-2835-160D   |
| 19.2W/M<br>5.24W/FT  | SC-2216IB-XX2 SC-2216TM-28D SC-2110-32D SC-2110-40D SC-B5-2835IT-240D SC-2216IB-180D<br>SC-3014BS-XXD   |
| 20.0W/M<br>6.10W/FT  | SC-ST-2835-240D SC-5050RGBW-60D   |
| 21.6W/M<br>6.58W/FT  | SC-2835HE-PXX3 SC-IG3-PX SC-2835-GPX3   |
| 23.0W/M<br>7.01W/FT  | SC-B5-2835HE-128D   |
| 24.0W/M<br>7.32W/FT  | SC-2110-64D SC-2216TM-30D   |
| 24.5W/M<br>7.32W/FT  | SC-3014SD3 SC-IE3   |
| 25.0W/M<br>7.62W/FT  | SC-ST-2835-240D   |
| 28.8W/M<br>8.78W/FT  | SC-2110-912 SC-2835SD3 SC-2835TM-XX3 SC-EP2835-XX3/95 SC-IG3  |
| 30.0W/M<br>9.14W/FT  | SC-ST-2835-256D   |
| 35.0W/M<br>10.67W/FT | SC-ST-2835-288D   |

# Customized Solutions



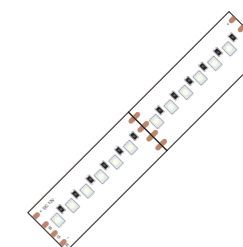
LIGHT  
AND  
SMART

# Contents



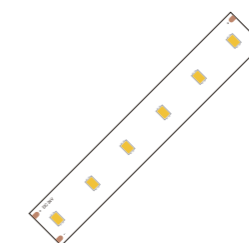
2835 Strip

- 170LM/W (HE Series) | P03
- 150LM/W (PX Series) | P05
- 140LM/W Series | P07
- SDCM<3 Series | P09
- Full Spectrum Series | P11
- CRI 90/95 Series | P13
- Classic Series (IG&IP Series) | P15
- Economic Series | P19
- DC48V Constant Current Series | P27
- High Efficiency Series | P29
- DC24V Constant Current Series | P33
- NEW** Ppass Series | P35



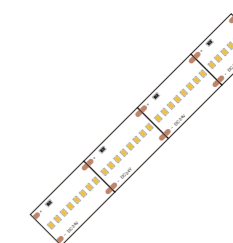
RGB & Hybrid Strip

- 4040 RGB Series | P39
- 5050 RGB Series | P41
- 2835 RGB Series | P43
- 4713 RGB Series | P45
- 5-in-1 Series | P47
- 4-in-1 Series | P49
- 2835-YID2 Series | P51
- TW Series | P53
- Built-in IC Series | P55
- External IC Series (SMD5050) | P57
- NEW** External IC Series (SMD2835) | P59
- NEW** RGBW Series | P61
- NEW** RGBTW Series | P63



Built-in IC Strip

- Built-in IC Series | P67



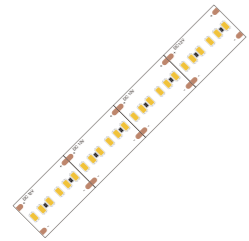
2110 Strip

- Hybrid Series | P73
- Classic Series | P75





# Contents



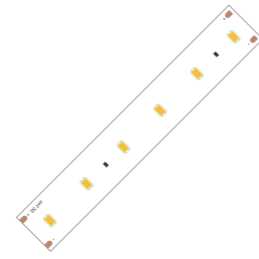
## 2216 Strip

- Full Spectrum Series | P79
- Classic Series | P81
- NEW** Constant Current | P89



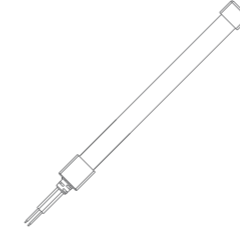
## 3014 Strip

- 140LM/W (PX Series) | P93
- SDCM<3 (SD Series) | P95
- Classic Series (IE Series) | P97
- BS Series | P99



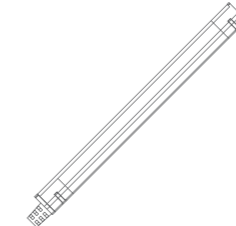
## 3528 Strip

- Full Spectrum (CRI>97) | P105
- CRI90/95 (EP Series) | P107
- Classic Series (IP Series) | P109
- Constant Current Series | P111



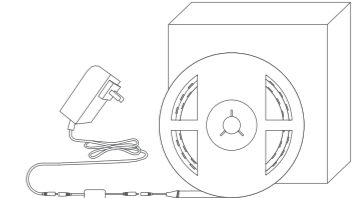
## Neon Flex

- NEW** Applications | P163
- NEW** Index Neon Flex | P171
- 4mm Silicon Series | P177
- 6mm Silicon Series | P179
- 8mm PVC/Silicon Series | P181
- 12mm PVC/Silicon Series | P185
- 15mm Silicon Series | P187
- 0410 Series | P189
- 0615 Series | P191
- 0818 Series | P193
- NEW** 1515 Series | P195
- 360° Lighting Series | P197
- NEW** Flexible Wall Washer Series | P199
- NEW** Mosquito-Repelling Series | P203
- NEW** Smooth Line Series | P207



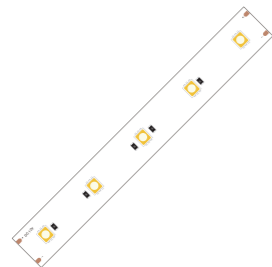
## Rigid Strip

- Seamless Series | P213
- IP65 Gapless Lightbar Series | P215
- NEW** ARK8 Plus Series | P217
- NEW** ARK9 Plus Series | P219
- NEW** M1619 Series | P221
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## Strip Kits

- Car LED Strip Light | P249
- LED Plant Grow Light Kit | P251
- SC-RGB-TY | P253
- NEW** Dual-CCT Strip Kit | P255
- SC-2835ST | P257
- SC-5050ST-RGB-02 | P259
- SC-5050ST-RGB-03 | P261
- SC-0410-RGB-24 | P263
- SC-1212 | P265
- NEW** Magic RGB Kits | P267
- NEW** AR Color Pickup | P269
- NEW** TV Backlight Kits V2 | P271
- TV Backlight Kits V1 | P273
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- SC-RGBTW | P277
- NEW** SC-5050-RGBTW | P279
- SC-5050RGBICD | P281



## 5050 Strip

- CRI90/95 (EP Series) | P115
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## Special Strip

- Mini Cutting Series | P121
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- NEW** OLOC Series (SMD2216) | P125
- ENIG PCB Series | P127
- S-type Series (SMD3528) | P129
- NEW** S-type Series (SMD2835) | P131
- Side-view Series | P133
- Super Slim Series | P135
- Adjustable Series | P137
- NEW** Stepless Dimming Series | P139
- NEW** Sign Backlight Series | P141
- NEW** 48V RGBW Magic Series | P143



## COB Strip

- Chip-on-FPC Series | P147
- RGB Series | P153
- RGB Magic Series | P155
- RGBW/RGBCW Series | P157
- NEW** Side-emitting Series | P159



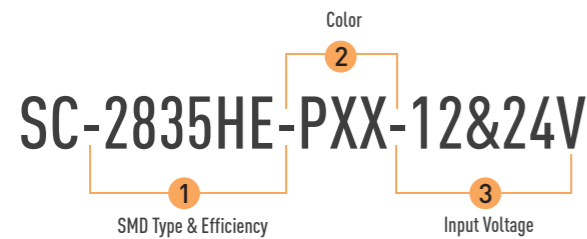
# 2835 LED STRIP

|                               |        |
|-------------------------------|--------|
| 170LM/W Series                | P03-04 |
| 150LM/W Series                | P05-06 |
| 140LM/W Series                | P07-08 |
| SDCM<3 Series                 | P09-10 |
| Full Spectrum Series          | P11-12 |
| CRI 90/95 Series              | P13-14 |
| IP/IG Classic Series          | P15-18 |
| Economic Series               | P19-26 |
| DC48V Constant Current Series | P27-28 |
| High Efficiency Series        | P29-32 |
| DC24V Constant Current Series | P33-34 |
| Ppass Series                  | P35-36 |

# 170LM/W Series



Available colors

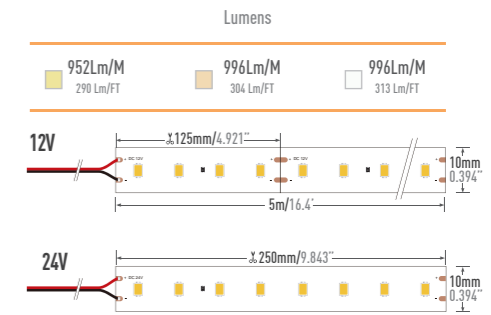


- 170lm/w high efficiency strip
- Cut 4pcs LEDs for 12V DC, cut 8pcs LEDs for 24V DC
- Double layer pure copper 2oz PCB
- 3M VHB adhesive tape for easy installation (2835HE-PX3 with 3M 300LSE tape)
- High brightness 2835 type LED; 120 degree
- Standard 5M on reel for 2835HE-PX and HE-PX2, 3M on reel for 2835HE-PX3  
2835HE-PX3 series should work with aluminium profile



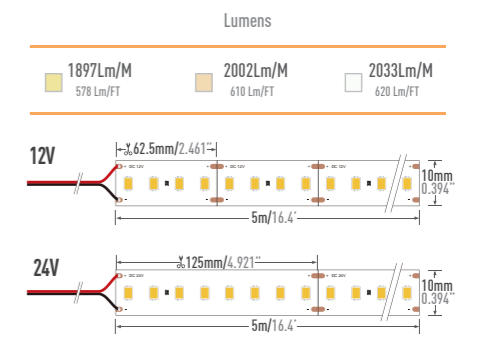
## 32 LEDs /M

| Model                                | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |
|--------------------------------------|---------------------|-------------------|--------------|----------|-----------|
| SC-2835HE-PXX<br>SC-2835HE-PXX       | 5.8W/M<br>1.77 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  |
| SC-2835HED-PXX<br>SC-2835HED-PXX     | 5.8W/M<br>1.77 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 64<br>64  |
| SC-2835HEP-PXX<br>SC-2835HEP-PXX     | 5.8W/M<br>1.77 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  |
| SC-2835HES-PXX<br>SC-2835HES-PXX     | 5.8W/M<br>1.77 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  |
| SC-SF-2835HE-PXX<br>SC-SF-2835HE-PXX | 5.8W/M<br>1.77 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 68<br>68  |



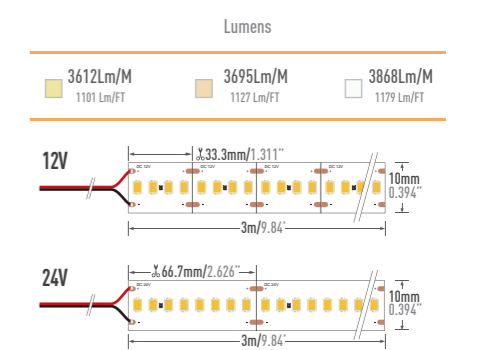
## 64 LEDs /M

| Model                                  | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |
|--|---------------------|-------------------|--------------|----------|-----------|
| SC-2835HE-PXX2<br>SC-2835HE-PXX2       | 11.5W/M<br>3.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  |
| SC-2835HED-PXX2<br>SC-2835HED-PXX2     | 11.5W/M<br>3.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 64<br>64  |
| SC-2835HEP-PXX2<br>SC-2835HEP-PXX2     | 11.5W/M<br>3.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  |
| SC-2835HES-PXX2<br>SC-2835HES-PXX2     | 11.5W/M<br>3.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  |
| SC-SF-2835HE-PXX2<br>SC-SF-2835HE-PXX2 | 11.5W/M<br>3.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 68<br>68  |



## 120 LEDs /M

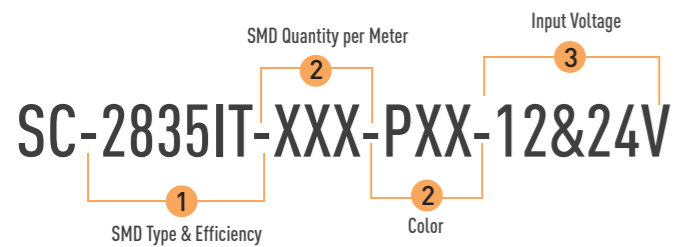
| Model                              | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |
|------------------------------------|---------------------|-------------------|--------------|----------|-----------|
| SC-2835HE-PXX3<br>SC-2835HE-PXX3   | 21.6W/M<br>6.6 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  |
| SC-2835HED-PXX3<br>SC-2835HED-PXX3 | 21.6W/M<br>6.6 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 64<br>64  |



# 150LM/W Series



Available colors

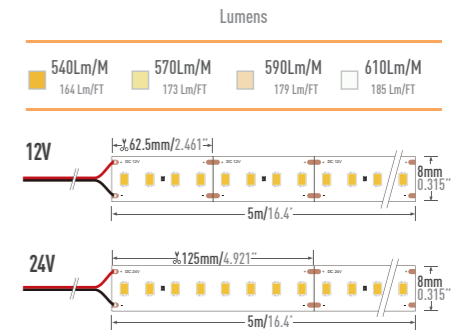


- High efficiency up to 150LM/W
- CRI80 or CRI90 available
- High color consistency, same color tone
- Price competitive
- Cuttable to meet different length
- Different watt for demand
- Different IP rate for choice
- CE, RoHS, 5 years warranty



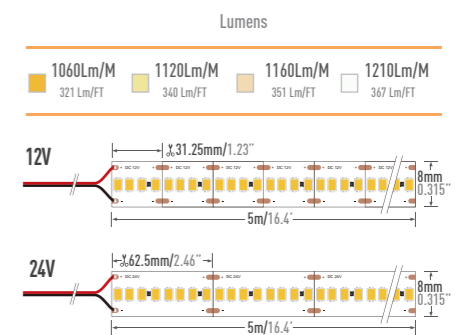
## 64 LEDs/M

| Model                              | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |
|------------------------------------|---------------------|-------------------|--------------|----------|-----------|
| SC-2835IT-64<br>SC-2835IT-64       | 3.8W/M<br>1.15 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  |
| SC-2835ITD-64<br>SC-2835ITD-64     | 3.8W/M<br>1.15 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 64<br>64  |
| SC-2835ITP-64<br>SC-2835ITP-64     | 3.8W/M<br>1.15 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  |
| SC-2835ITS-64<br>SC-2835ITS-64     | 3.8W/M<br>1.15 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  |
| SC-SF-2835IT-64<br>SC-SF-2835IT-64 | 3.8W/M<br>1.15 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 68<br>68  |



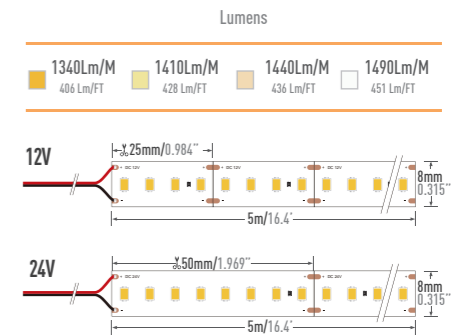
## 128 LEDs/M

| Model                                | Rated Watt         | DC Voltage        | Beam Angle   | CRI      | IP Rating |
|--------------------------------------|--------------------|-------------------|--------------|----------|-----------|
| SC-2835IT-128<br>SC-2835IT-128       | 7.7W/M<br>2.3 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  |
| SC-2835ITD-128<br>SC-2835ITD-128     | 7.7W/M<br>2.3 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 64<br>64  |
| SC-2835ITP-128<br>SC-2835ITP-128     | 7.7W/M<br>2.3 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  |
| SC-2835ITS-128<br>SC-2835ITS-128     | 7.7W/M<br>2.3 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  |
| SC-SF-2835IT-128<br>SC-SF-2835IT-128 | 7.7W/M<br>2.3 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 68<br>68  |



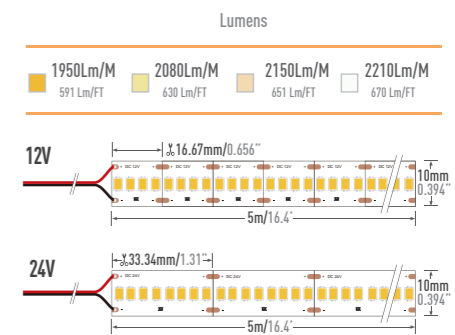
## 160 LEDs/M

| Model                                | Rated Watt         | DC Voltage        | Beam Angle   | CRI      | IP Rating |
|--------------------------------------|--------------------|-------------------|--------------|----------|-----------|
| SC-2835IT-160<br>SC-2835IT-160       | 9.6W/M<br>2.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  |
| SC-2835ITD-160<br>SC-2835ITD-160     | 9.6W/M<br>2.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 64<br>64  |
| SC-2835ITP-160<br>SC-2835ITP-160     | 9.6W/M<br>2.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  |
| SC-2835ITS-160<br>SC-2835ITS-160     | 9.6W/M<br>2.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  |
| SC-SF-2835IT-160<br>SC-SF-2835IT-160 | 9.6W/M<br>2.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 68<br>68  |



## 240 LEDs/M

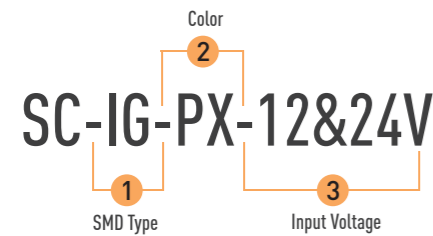
| Model                                | Rated Watt           | DC Voltage        | Beam Angle   | CRI      | IP Rating |
|--------------------------------------|----------------------|-------------------|--------------|----------|-----------|
| SC-2835IT-240<br>SC-2835IT-240       | 14.4W/M<br>4.36 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  |
| SC-2835ITD-240<br>SC-2835ITD-240     | 14.4W/M<br>4.36 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 64<br>64  |
| SC-2835ITP-240<br>SC-2835ITP-240     | 14.4W/M<br>4.36 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  |
| SC-2835ITS-240<br>SC-2835ITS-240     | 14.4W/M<br>4.36 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  |
| SC-SF-2835IT-240<br>SC-SF-2835IT-240 | 14.4W/M<br>4.36 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 68<br>68  |



# 140LM/W Series



Available colors

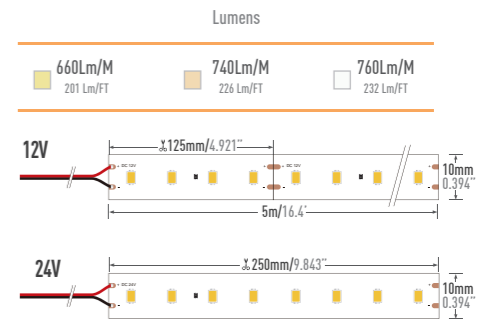


- 140lm/w high efficiency strip
- Cut 4pcs LEDs for 12V DC, cut 8pcs LED s for 24V DV
- Double layer pure cooper 2oz PCB
- 3M VHB adhesive tape for easy installation (IG3 with 3M 300LSE tape)
- High brightness 2835 type LED, 120 degree
- Standard 5M on reel for IG and IG2, 3M on reel for IG3
- IG3 series should work with aluminium profile



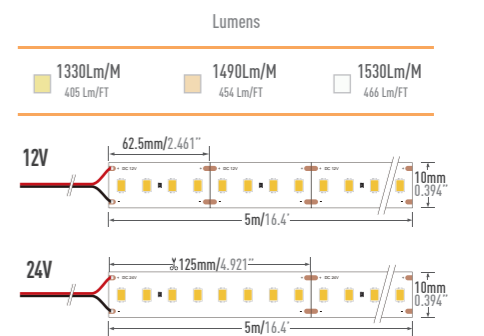
## 32 LEDs /M

| Model                        | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |                                 |
|------------------------------|---------------------|-------------------|--------------|----------|-----------|---------------------------------|
| SC-IG1-PX<br>SC-IG1-PX       | 5.8W/M<br>1.77 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.1mm<br>0.04"<br>-10mm/0.39"   |
| SC-IG10-PX<br>SC-IG10-PX     | 5.8W/M<br>1.77 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 64<br>64  | 2.8mm<br>0.11"<br>-10mm/0.39"   |
| SC-IG1P-PX<br>SC-IG1P-PX     | 5.8W/M<br>1.77 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4.6mm<br>0.18"<br>+12.5mm/0.49" |
| SC-IG1S-PX<br>SC-IG1S-PX     | 5.8W/M<br>1.77 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4mm<br>0.16"<br>+12.5mm/0.49"   |
| SC-SF-IG1-PX<br>SC-SF-IG1-PX | 5.8W/M<br>1.77 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 68<br>68  | 6.5mm<br>0.26"<br>-14mm/0.55"   |



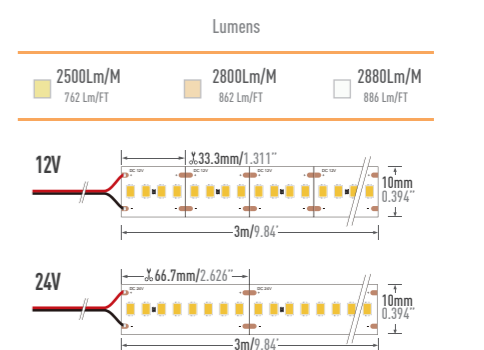
## 64 LEDs /M

| Model                        | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |                                 |
|------------------------------|---------------------|-------------------|--------------|----------|-----------|---------------------------------|
| SC-IG2-PX<br>SC-IG2-PX       | 11.5W/M<br>3.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.1mm<br>0.04"<br>-10mm/0.39"   |
| SC-IG20-PX<br>SC-IG20-PX     | 11.5W/M<br>3.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 64<br>64  | 2.8mm<br>0.11"<br>-10mm/0.39"   |
| SC-IG2P-PX<br>SC-IG2P-PX     | 11.5W/M<br>3.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4.6mm<br>0.18"<br>+12.5mm/0.49" |
| SC-IG2S-PX<br>SC-IG2S-PX     | 11.5W/M<br>3.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4mm<br>0.16"<br>+12.5mm/0.49"   |
| SC-SF-IG2-PX<br>SC-SF-IG2-PX | 11.5W/M<br>3.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 68<br>68  | 6.5mm<br>0.26"<br>-14mm/0.55"   |



## 120 LEDs /M

| Model                    | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |                               |
|--------------------------|---------------------|-------------------|--------------|----------|-----------|-------------------------------|
| SC-IG3-PX<br>SC-IG3-PX   | 21.6W/M<br>6.6 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.1mm<br>0.04"<br>-10mm/0.39" |
| SC-IG30-PX<br>SC-IG30-PX | 21.6W/M<br>6.6 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 64<br>64  | 2.8mm<br>0.11"<br>-10mm/0.39" |



# SDCM<3 Series



Available colors



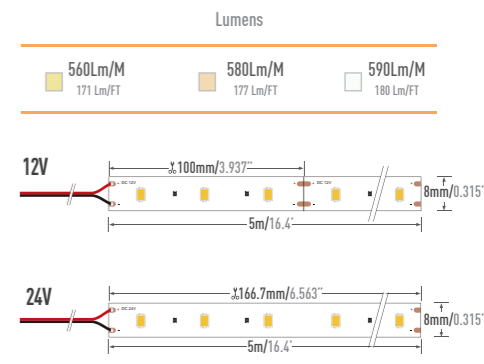
Color  
**SC-2835SD-XX-12&24V**  
 SMD Type & SDCM<3      Input Voltage

- 2835 assembled LEDs
- SDCM<3
- Real 3 step color: comply with ErP standard
- Can be cut to meet requirements of different length



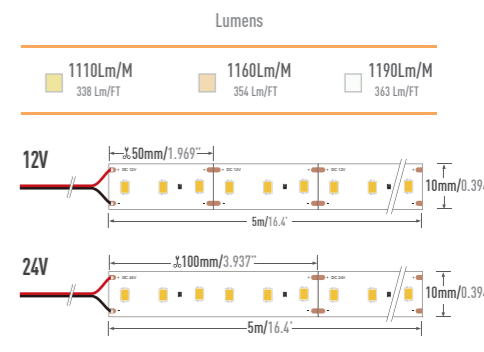
## 30 LEDs /M

| Model                          | Rated Watt         | DC Voltage        | Beam Angle   | CRI      | IP Rating |   |
|--------------------------------|--------------------|-------------------|--------------|----------|-----------|---|
| SC-2835SD1<br>SC-2835SD1       | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.1mm <sup>+</sup><br>0.04"   8mm/0.31" |
| SC-2835SD1D<br>SC-2835SD1D     | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 64<br>64  | 2.8mm<br>0.11"   8mm/0.31"              |
| SC-2835SD1P<br>SC-2835SD1P     | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4.3mm<br>0.16"   10mm/0.39"             |
| SC-2835SD1S<br>SC-2835SD1S     | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4mm<br>0.15"   11mm/0.43"               |
| SC-SF-2835SD1<br>SC-SF-2835SD1 | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 68<br>68  | 6mm<br>0.23"   12mm/0.47"               |



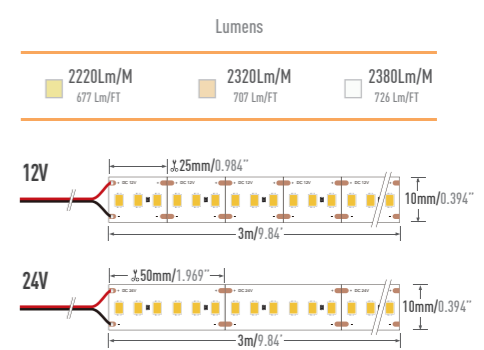
## 60 LEDs /M

| Model                          | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |  |
|--------------------------------|---------------------|-------------------|--------------|----------|-----------|--|
| SC-2835SD2<br>SC-2835SD2       | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.1mm <sup>+</sup><br>0.04"   10mm/0.39" |
| SC-2835SD2D<br>SC-2835SD2D     | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 64<br>64  | 2.8mm<br>0.11"   10mm/0.39"              |
| SC-2835SD2P<br>SC-2835SD2P     | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4.6mm<br>0.18"   12.5mm/0.49"            |
| SC-2835SD2S<br>SC-2835SD2S     | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4mm<br>0.15"   12.5mm/0.49"              |
| SC-SF-2835SD2<br>SC-SF-2835SD2 | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 68<br>68  | 6.5mm<br>0.25"   14mm/0.55"              |



## 120 LEDs /M

| Model                      | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |  |
|----------------------------|---------------------|-------------------|--------------|----------|-----------|--|
| SC-2835SD3<br>SC-2835SD3   | 28.8W/M<br>8.8 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.1mm <sup>+</sup><br>0.04"   10mm/0.39" |
| SC-2835SD3D<br>SC-2835SD3D | 28.8W/M<br>8.8 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 64<br>64  | 2.8mm<br>0.11"   10mm/0.39"              |



# Full Spectrum Series

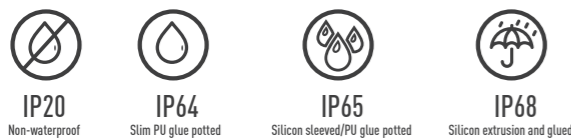


Available colors



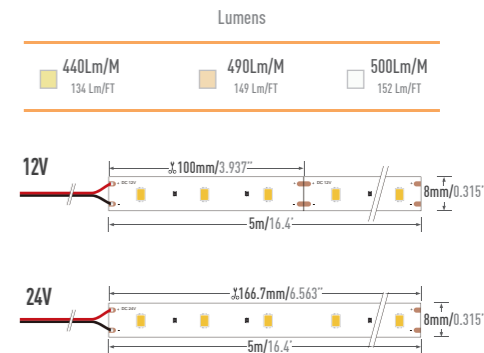
Color  
2  
**SC-2835TM-XXX-12&24V**  
1  
3  
SMD Type-Full Spectrum Input Voltage

- Full spectrum
- 2835 assembled LEDs
- CRI97 complying with TM-30-15 standards
- Rg greater than 100 with high saturation
- Rf close to 100, degree of reduction of products
- Shear connection is used to meet demands of different lengths



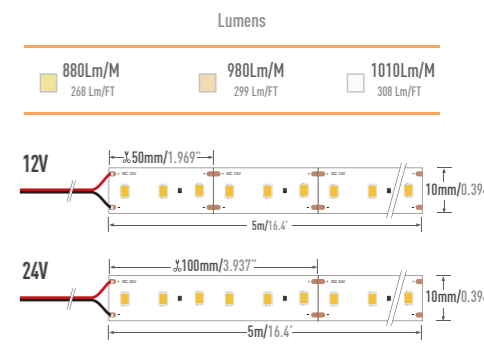
## 30 LEDs/M

| Model                              | Rated Watt         | DC Voltage        | Beam Angle   | CRI      | IP Rating |                              |
|------------------------------------|--------------------|-------------------|--------------|----------|-----------|------------------------------|
| SC-2835TM-XX<br>SC-2835TM-XX       | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 20<br>20  | 1.1mm<br>0.04"<br>8mm/0.31"  |
| SC-2835TMD-XX<br>SC-2835TMD-XX     | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 64<br>64  | 2.8mm<br>0.11"<br>8mm/0.31"  |
| SC-2835TMP-XX<br>SC-2835TMP-XX     | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 65<br>65  | 4.3mm<br>0.18"<br>10mm/0.39" |
| SC-2835TMS-XX<br>SC-2835TMS-XX     | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 65<br>65  | 4mm<br>0.15"<br>11mm/0.43"   |
| SC-SF-2835TM-XX<br>SC-SF-2835TM-XX | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 68<br>68  | 6.3mm<br>0.23"<br>12mm/0.47" |



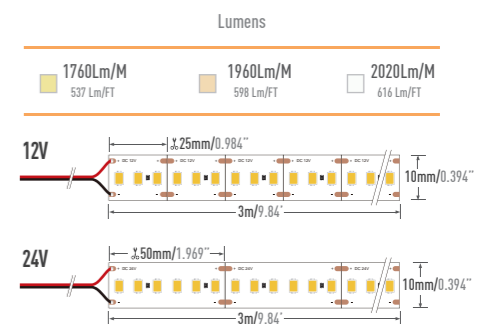
## 60 LEDs/M

| Model                                | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |                                |
|--------------------------------------|---------------------|-------------------|--------------|----------|-----------|--------------------------------|
| SC-2835TM-XX2<br>SC-2835TM-XX2       | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 20<br>20  | 1.1mm<br>0.04"<br>10mm/0.39"   |
| SC-2835TMD-XX2<br>SC-2835TMD-XX2     | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 64<br>64  | 2.8mm<br>0.11"<br>10mm/0.39"   |
| SC-2835TMP-XX2<br>SC-2835TMP-XX2     | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 65<br>65  | 4.6mm<br>0.18"<br>12.5mm/0.49" |
| SC-2835TMS-XX2<br>SC-2835TMS-XX2     | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 65<br>65  | 4mm<br>0.15"<br>12.5mm/0.49"   |
| SC-SF-2835TM-XX2<br>SC-SF-2835TM-XX2 | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 68<br>68  | 6.5mm<br>0.26"<br>14mm/0.55"   |



## 120 LEDs/M

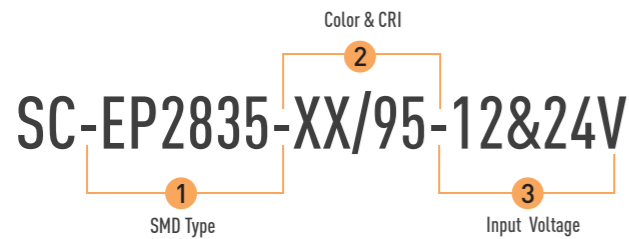
| Model                            | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |                              |
|----------------------------------|---------------------|-------------------|--------------|----------|-----------|------------------------------|
| SC-2835TM-XX3<br>SC-2835TM-XX3   | 28.8W/M<br>8.8 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 20<br>20  | 1.1mm<br>0.04"<br>10mm/0.39" |
| SC-2835TMD-XX3<br>SC-2835TMD-XX3 | 28.8W/M<br>8.8 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 64<br>64  | 2.8mm<br>0.11"<br>10mm/0.39" |



# CRI 90/95 Series



Available colors



- 2835 assembled LEDs
- High CRI, 90 or 95
- Can be cut short, to meet different length requirement
- Epistar chips, big chips with high output
- Standard 5M on reel



## 30 LEDs /M

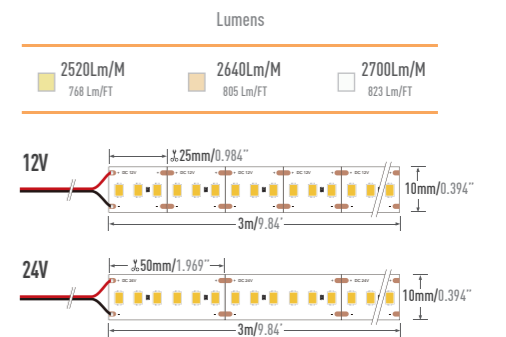
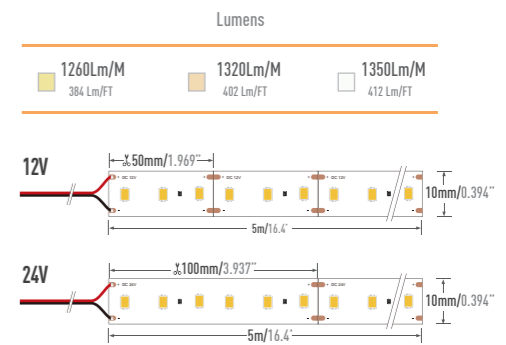
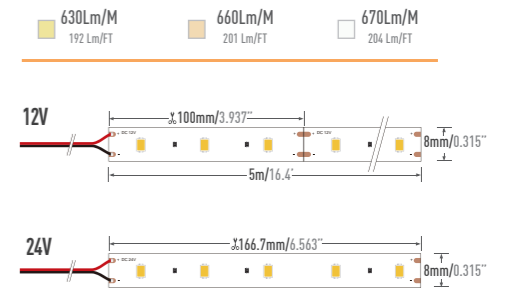
| Model                                    | Rated Watt          | DC Voltage        | Beam Angle   | CRI            | IP Rating | Chip Size                    |
|--|---------------------|-------------------|--------------|----------------|-----------|------------------------------|
| SC-EP2835-XX/95<br>SC-EP2835-XX/95       | 7.2W/M<br>2.20 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 20<br>20  | 1.1mm<br>0.04"<br>8mm/0.31"  |
| SC-EPD2835-XX/95<br>SC-EPD2835-XX/95     | 7.2W/M<br>2.20 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 64<br>64  | 2.8mm<br>0.11"<br>8mm/0.31"  |
| SC-EPP2835-XX/95<br>SC-EPP2835-XX/95     | 7.2W/M<br>2.20 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 65<br>65  | 4.3mm<br>0.18"<br>10mm/0.39" |
| SC-EPS2835-XX/95<br>SC-EPS2835-XX/95     | 7.2W/M<br>2.20 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 65<br>65  | 4mm<br>0.15"<br>11mm/0.43"   |
| SC-SF-EP2835-XX/95<br>SC-SF-EP2835-XX/95 | 7.2W/M<br>2.20 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 68<br>68  | 6mm<br>0.23"<br>12mm/0.47"   |

## 60LEDs /M

| Model                                      | Rated Watt           | DC Voltage        | Beam Angle   | CRI            | IP Rating | Chip Size                      |
|--|----------------------|-------------------|--------------|----------------|-----------|--------------------------------|
| SC-EP2835-XX2/95<br>SC-EP2835-XX2/95       | 14.4W/M<br>4.39 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 20<br>20  | 1.1mm<br>0.04"<br>10mm/0.39"   |
| SC-EPD2835-XX2/95<br>SC-EPD2835-XX2/95     | 14.4W/M<br>4.39 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 64<br>64  | 2.8mm<br>0.11"<br>10mm/0.39"   |
| SC-EPP2835-XX2/95<br>SC-EPP2835-XX2/95     | 14.4W/M<br>4.39 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 65<br>65  | 4.6mm<br>0.18"<br>12.5mm/0.49" |
| SC-EPS2835-XX2/95<br>SC-EPS2835-XX2/95     | 14.4W/M<br>4.39 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 65<br>65  | 4mm<br>0.16"<br>12.5mm/0.49"   |
| SC-SF-EP2835-XX2/95<br>SC-SF-EP2835-XX2/95 | 14.4W/M<br>4.39 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 68<br>68  | 6.5mm<br>0.26"<br>14mm/0.55"   |

## 120 LEDs /M

| Model                                | Rated Watt           | DC Voltage        | Beam Angle   | CRI            | IP Rating | Chip Size                    |
|--------------------------------------|----------------------|-------------------|--------------|----------------|-----------|------------------------------|
| SC-EP2835-XX3/95<br>SC-EP2835-XX3/95 | 28.8W/M<br>4.39 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 20<br>20  | 1.1mm<br>0.04"<br>10mm/0.39" |
| SC-EPD2835-XX3/95<br>SC-EPD2835-XX3  | 28.8W/M<br>4.39 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 64<br>64  | 2.8mm<br>0.11"<br>10mm/0.39" |





# IP Classic Series



Available colors



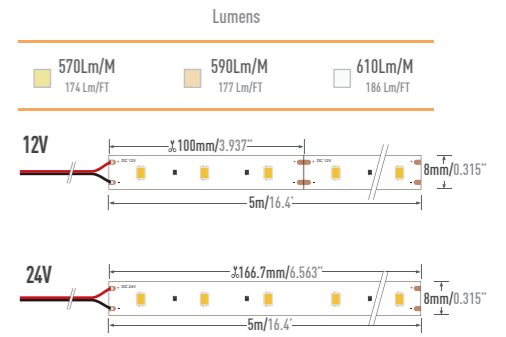
Color  
**SC-2835IP-XX-12&24V**  
 1 SMD Type      2      3 Input Voltage

- 2835 assembled LEDs
- CRI80
- Can be cut to meet requirements of different length



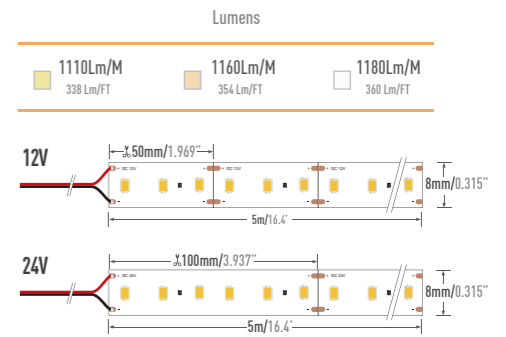
## 30 LEDs /M

| Model                          | Rated Watt         | DC Voltage        | Beam Angle   | CRI      | IP Rating |                           |
|--------------------------------|--------------------|-------------------|--------------|----------|-----------|---------------------------|
| SC-2835IP1<br>SC-2835IP1       | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.1mm<br>0.04" 8mm/0.31"  |
| SC-2835IP1D<br>SC-2835IP1D     | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 64<br>64  | 2.8mm<br>0.11" 8mm/0.31"  |
| SC-2835IP1P<br>SC-2835IP1P     | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4.3mm<br>0.18" 10mm/0.39" |
| SC-2835IP1S<br>SC-2835IP1S     | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4mm<br>0.15" 11mm/0.43"   |
| SC-SF-2835IP1<br>SC-SF-2835IP1 | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 68<br>68  | 6mm<br>0.23" 12mm/0.47"   |



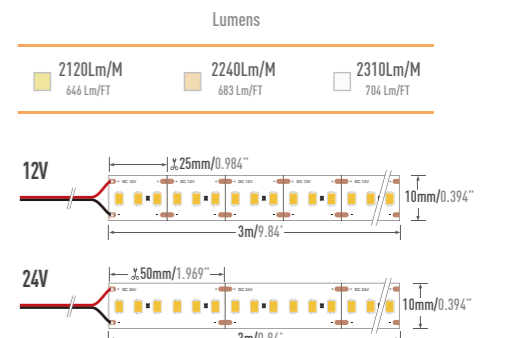
## 60 LEDs /M

| Model                           | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |                           |
|---------------------------------|---------------------|-------------------|--------------|----------|-----------|---------------------------|
| SC-2835IP2<br>SC-2835IP2        | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.1mm<br>0.04" 8mm/0.31"  |
| SC-2835IP2D<br>SC-2835IP2D      | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 64<br>64  | 2.8mm<br>0.11" 8mm/0.31"  |
| SC-2835IP2P<br>SC-2835IP2P      | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4.3mm<br>0.18" 10mm/0.39" |
| SC-2835IP2S<br>SC-2835IP2S      | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4mm<br>0.15" 11mm/0.43"   |
| SC-SF-2835IP2D<br>SC-SF-2835IP2 | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 68<br>68  | 6mm<br>0.23" 12mm/0.47"   |



## 120 LEDs /M

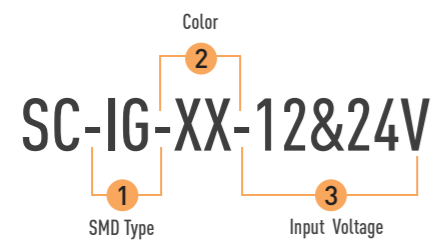
| Model                      | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |                           |
|----------------------------|---------------------|-------------------|--------------|----------|-----------|---------------------------|
| SC-2835IP3<br>SC-2835IP3   | 28.8W/M<br>8.8 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.1mm<br>0.04" 10mm/0.39" |
| SC-2835IP3D<br>SC-2835IP3D | 28.8W/M<br>8.8 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 64<br>64  | 2.8mm<br>0.11" 10mm/0.39" |



# IG Classic Series



Available colors

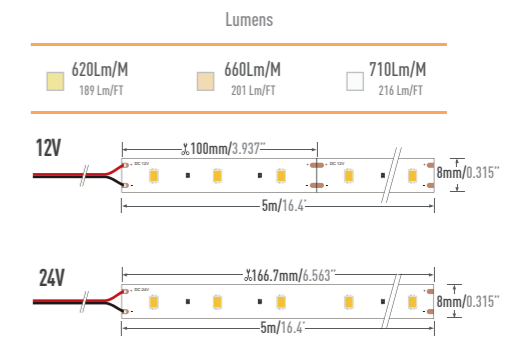


- High efficiency and luminous strip
- Double layer pure copper 3oz PCB
- 3M VHB adhesive tape for easy installation (IG3 with 3M 300LSE tape) high brightness 2835 type LED; 120 degree
- Standard 5M on reel for IG and IG2, 3M on reel for IG3
- IG3 series should work with aluminium profile



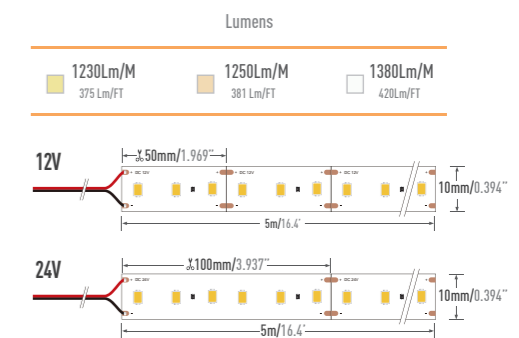
## 30 LEDs /M

| Model                  | Rated Watt         | DC Voltage        | Beam Angle   | CRI      | IP Rating | Dimensions                   |
|------------------------|--------------------|-------------------|--------------|----------|-----------|------------------------------|
| SC-IG1<br>SC-IG1       | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.1mm<br>0.04"<br>8mm/0.31"  |
| SC-IG1D<br>SC-IG1D     | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 64<br>64  | 2.8mm<br>0.11"<br>8mm/0.31"  |
| SC-IG1P<br>SC-IG1P     | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4.3mm<br>0.18"<br>10mm/0.39" |
| SC-IG1S<br>SC-IG1S     | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4mm<br>0.15"<br>11mm/0.43"   |
| SC-SF-IG1<br>SC-SF-IG1 | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 68<br>68  | 6mm<br>0.23"<br>12mm/0.47"   |



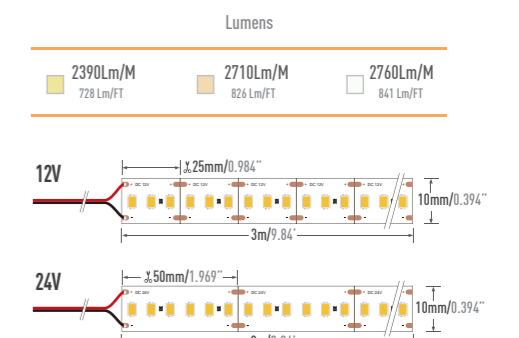
## 60 LEDs /M

| Model                  | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating | Dimensions                     |
|------------------------|---------------------|-------------------|--------------|----------|-----------|--------------------------------|
| SC-IG2<br>SC-IG2       | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.1mm<br>0.04"<br>10mm/0.39"   |
| SC-IG2D<br>SC-IG2D     | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 64<br>64  | 2.8mm<br>0.11"<br>10mm/0.39"   |
| SC-IG2P<br>SC-IG2P     | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4.6mm<br>0.18"<br>12.5mm/0.49" |
| SC-IG2S<br>SC-IG2S     | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4mm<br>0.15"<br>12.5mm/0.49"   |
| SC-SF-IG2<br>SC-SF-IG2 | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 68<br>68  | 6.5mm<br>0.26"<br>14mm/0.55"   |



## 120 LEDs /M

| Model              | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating | Dimensions                   |
|--------------------|---------------------|-------------------|--------------|----------|-----------|------------------------------|
| SC-IG3<br>SC-IG3   | 28.8W/M<br>8.8 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.1mm<br>0.04"<br>10mm/0.39" |
| SC-IG3D<br>SC-IG3D | 28.8W/M<br>8.8 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 64<br>64  | 2.8mm<br>0.11"<br>10mm/0.39" |



# HE Economic Series



Available colors



SC-BS-2835HE-XX-XXD-12V&24V

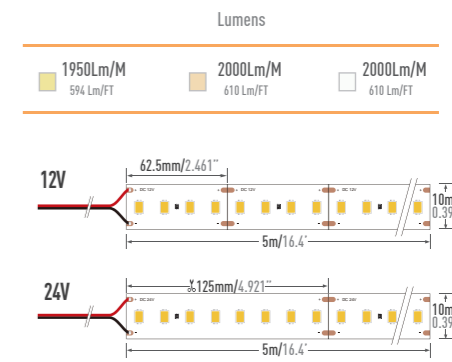
1 Series Name      2 SMD Type      3 Color      4 SMD Quantity per Meter      5 Input Voltage

- Highly cost-effective, widely used
- Multiple CCT and CRI optional, suitable for customization
- Diversity of cutting lengths, can meet different needs



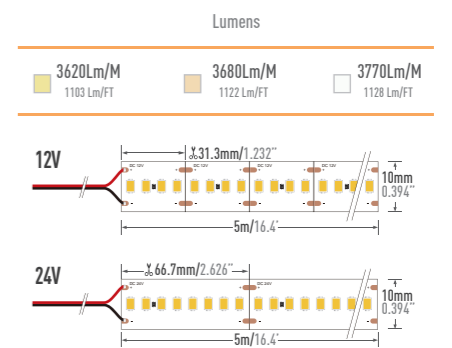
## 64 LEDs /M

| Model                        | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |                |
|------------------------------|---------------------|-------------------|--------------|----------|-----------|----------------|
| SC-BS-2835HE<br>SC-BS-2835HE | 11.5W/M<br>3.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.5mm<br>0.06" |
| SC-BS-2835HE<br>SC-BS-2835HE | 11.5W/M<br>3.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 5mm<br>0.20"   |



## 128 LEDs /M

| Model                        | Rated Watt        | DC Voltage        | Beam Angle   | CRI      | IP Rating |                |
|------------------------------|-------------------|-------------------|--------------|----------|-----------|----------------|
| SC-BS-2835HE<br>SC-BS-2835HE | 23W/M<br>7.0 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.5mm<br>0.06" |
| SC-BS-2835HE<br>SC-BS-2835HE | 23W/M<br>7.0 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 5mm<br>0.20"   |



# IG Economic Series



Available colors



SC-BS-2835IG-XX-XXD-12V&24V

1 Series Name      2 SMD Type      3 Color      4 SMD Quantity per Meter      5 Input Voltage

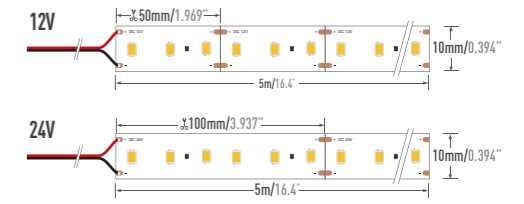
- Highly cost-effective, widely used
- Multiple CCT and CRI optional, suitable for customization
- Diversity of cutting lengths, can meet different needs



## 60 LEDs /M

| Model                        | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |                |
|------------------------------|---------------------|-------------------|--------------|----------|-----------|----------------|
| SC-BS-2835IG<br>SC-BS-2835IG | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.5mm<br>0.06" |
| SC-BS-2835IG<br>SC-BS-2835IG | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 5mm<br>0.20"   |

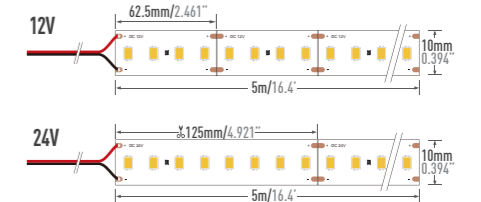
| Lumens                |                       |                       |
|-----------------------|-----------------------|-----------------------|
| 1250Lm/M<br>381 Lm/FT | 1270Lm/M<br>387 Lm/FT | 1320Lm/M<br>402 Lm/FT |



## 64 LEDs /M

| Model                        | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |                |
|------------------------------|---------------------|-------------------|--------------|----------|-----------|----------------|
| SC-BS-2835IG<br>SC-BS-2835IG | 7.2W/M<br>2.19 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.5mm<br>0.06" |
| SC-BS-2835IG<br>SC-BS-2835IG | 7.2W/M<br>2.19 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 5mm<br>0.20"   |

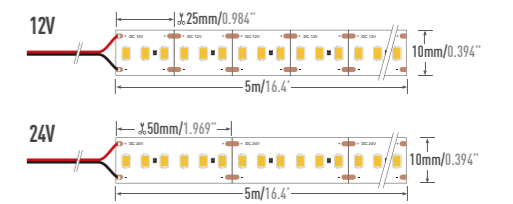
| Lumens               |                      |                      |
|----------------------|----------------------|----------------------|
| 880Lm/M<br>268 Lm/FT | 900Lm/M<br>274 Lm/FT | 940Lm/M<br>287 Lm/FT |



## 120 LEDs /M

| Model                        | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |                |
|------------------------------|---------------------|-------------------|--------------|----------|-----------|----------------|
| SC-BS-2835IG<br>SC-BS-2835IG | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.5mm<br>0.06" |
| SC-BS-2835IG<br>SC-BS-2835IG | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 5mm<br>0.20"   |

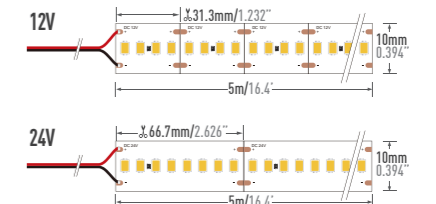
| Lumens                |                       |                       |
|-----------------------|-----------------------|-----------------------|
| 1450Lm/M<br>442 Lm/FT | 1490Lm/M<br>454 Lm/FT | 1530Lm/M<br>466 Lm/FT |



## 128 LEDs /M

| Model                        | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |                |
|------------------------------|---------------------|-------------------|--------------|----------|-----------|----------------|
| SC-BS-2835IG<br>SC-BS-2835IG | 9.0W/M<br>2.74 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.5mm<br>0.06" |
| SC-BS-2835IG<br>SC-BS-2835IG | 9.0W/M<br>2.74 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 5mm<br>0.20"   |

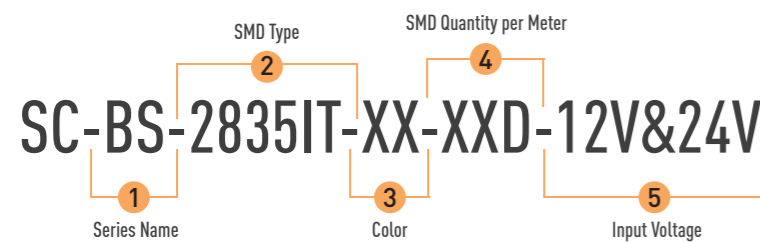
| Lumens                |                       |                       |
|-----------------------|-----------------------|-----------------------|
| 1300Lm/M<br>396 Lm/FT | 1310Lm/M<br>399 Lm/FT | 1330Lm/M<br>405 Lm/FT |



# IT Economic Series



Available colors

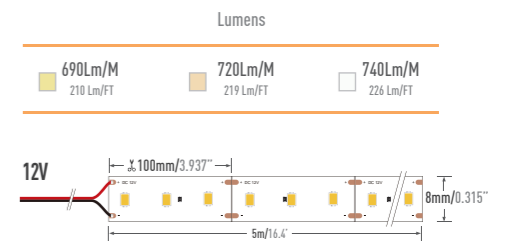


- Highly cost-effective, widely used
- Multiple CCT and CRI optional, suitable for customization
- Diversity of cutting lengths, can meet different needs



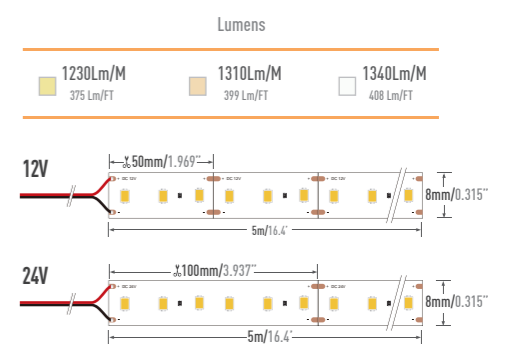
## 30 LEDs /M

| Model                        | Rated Watt         | DC Voltage  | Beam Angle   | CRI      | IP Rating |                |
|------------------------------|--------------------|-------------|--------------|----------|-----------|----------------|
| SC-BS-2835IT<br>SC-BS-2835IT | 7.2W/M<br>2.2 W/FT | 12V<br>12 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.5mm<br>0.06" |
| SC-BS-2835IT<br>SC-BS-2835IT | 7.2W/M<br>2.2 W/FT | 12V<br>12 V | 120°<br>120° | 80<br>80 | 65<br>65  | 5mm<br>0.20"   |



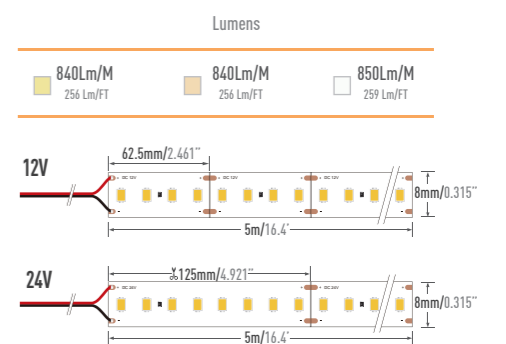
## 60 LEDs /M

| Model                        | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |                |
|------------------------------|---------------------|-------------------|--------------|----------|-----------|----------------|
| SC-BS-2835IT<br>SC-BS-2835IT | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.5mm<br>0.06" |
| SC-BS-2835IT<br>SC-BS-2835IT | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 5mm<br>0.20"   |



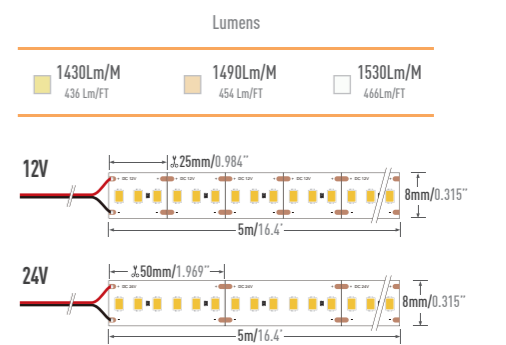
## 64 LEDs /M

| Model                        | Rated Watt         | DC Voltage        | Beam Angle   | CRI      | IP Rating |                |
|------------------------------|--------------------|-------------------|--------------|----------|-----------|----------------|
| SC-BS-2835IT<br>SC-BS-2835IT | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.5mm<br>0.06" |
| SC-BS-2835IT<br>SC-BS-2835IT | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 5mm<br>0.20"   |

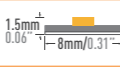



## 120 LEDs /M

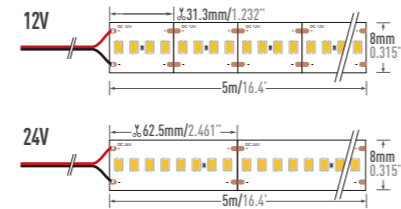
| Model                        | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |                |
|------------------------------|---------------------|-------------------|--------------|----------|-----------|----------------|
| SC-BS-2835IT<br>SC-BS-2835IT | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.5mm<br>0.06" |
| SC-BS-2835IT<br>SC-BS-2835IT | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 5mm<br>0.20"   |



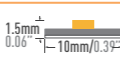
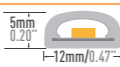
## 128 LEDs /M

| Model                        | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |   |
|------------------------------|---------------------|-------------------|--------------|----------|-----------|---|
| SC-BS-2835IT<br>SC-BS-2835IT | 9.0W/M<br>2.74 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  |  |
| SC-BS-2835IT<br>SC-BS-2835IT | 9.0W/M<br>2.74 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  |  |

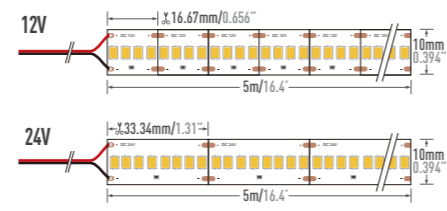
| Lumens                |                       |                       |
|-----------------------|-----------------------|-----------------------|
| 1160Lm/M<br>354 Lm/FT | 1180Lm/M<br>360 Lm/FT | 1220Lm/M<br>372 Lm/FT |



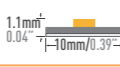
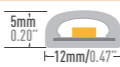
## 240 LEDs /M

| Model                        | Rated Watt           | DC Voltage        | Beam Angle   | CRI      | IP Rating |   |
|------------------------------|----------------------|-------------------|--------------|----------|-----------|---|
| SC-BS-2835IT<br>SC-BS-2835IT | 11.0W/M<br>3.35 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  |  |
| SC-BS-2835IT<br>SC-BS-2835IT | 11.0W/M<br>3.35 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  |  |

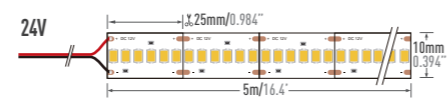
| Lumens                |                       |                       |
|-----------------------|-----------------------|-----------------------|
| 1560Lm/M<br>475 Lm/FT | 1610Lm/M<br>491 Lm/FT | 1680Lm/M<br>512 Lm/FT |



## 240 LEDs /M

| Model                        | Rated Watt           | DC Voltage  | Beam Angle   | CRI      | IP Rating |   |
|------------------------------|----------------------|-------------|--------------|----------|-----------|---|
| SC-BS-2835IT<br>SC-BS-2835IT | 19.2W/M<br>5.85 W/FT | 24V<br>24 V | 120°<br>120° | 80<br>80 | 20<br>20  |  |
| SC-BS-2835IT<br>SC-BS-2835IT | 19.2W/M<br>5.85 W/FT | 24V<br>24 V | 120°<br>120° | 80<br>80 | 65<br>65  |  |

| Lumens                |                       |                       |
|-----------------------|-----------------------|-----------------------|
| 1990Lm/M<br>607 Lm/FT | 2030Lm/M<br>619 Lm/FT | 2060Lm/M<br>628 Lm/FT |



# Constant Current Series

DC48V&24V



Available colors



SC-2835CC-XXD-XW-24&48V

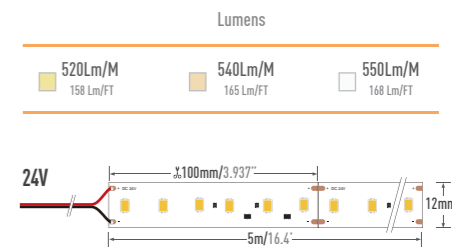
1 SMD Type      2 SMD Quantity per Meter      3 Color      4 Input Voltage

- Same brightness from head to the end for the whole 50M strip, with single driver run.
- Longer length, brighter light, lower heat
- LEDs works in constant current environment, longer lifespan



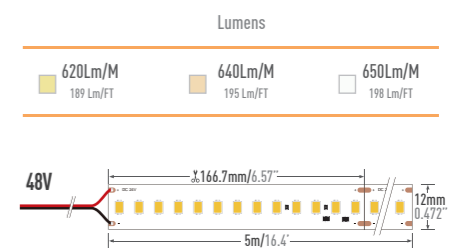
## 60 LEDs /M

| Model                  | Rated Watt       | DC Voltage  | Beam Angle   | CRI            | IP Rating |                           |
|------------------------|------------------|-------------|--------------|----------------|-----------|---------------------------|
| SC-2835CC<br>SC-2835CC | 5W/M<br>1.5 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  | 2.0mm<br>0.08" 12mm/0.47" |
| SC-2835CC<br>SC-2835CC | 5W/M<br>1.5 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  | 5mm<br>0.20" 14mm/0.55"   |



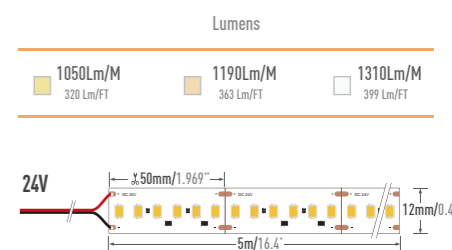
## 78 LEDs /M

| Model                  | Rated Watt       | DC Voltage  | Beam Angle   | CRI            | IP Rating |                           |
|------------------------|------------------|-------------|--------------|----------------|-----------|---------------------------|
| SC-2835CC<br>SC-2835CC | 5W/M<br>1.5 W/FT | 48V<br>48 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  | 2.0mm<br>0.08" 12mm/0.47" |
| SC-2835CC<br>SC-2835CC | 5W/M<br>1.5 W/FT | 48V<br>48 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  | 5mm<br>0.20" 14mm/0.55"   |



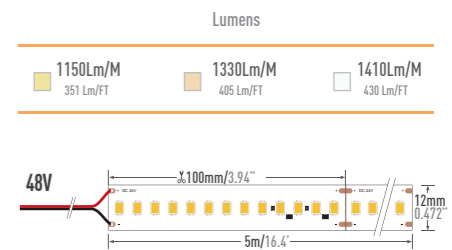
## 120 LEDs /M

| Model                  | Rated Watt         | DC Voltage  | Beam Angle   | CRI            | IP Rating |                           |
|------------------------|--------------------|-------------|--------------|----------------|-----------|---------------------------|
| SC-2835CC<br>SC-2835CC | 10W/M<br>3.05 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  | 2.0mm<br>0.08" 12mm/0.47" |
| SC-2835CC<br>SC-2835CC | 10W/M<br>3.05 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  | 5mm<br>0.20" 14mm/0.55"   |



## 130 LEDs /M

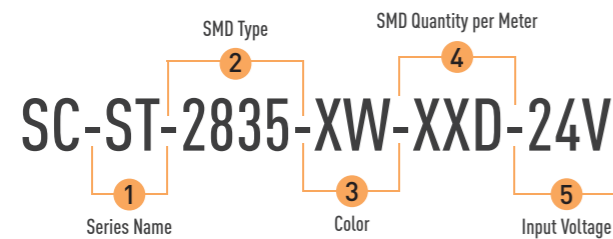
| Model                  | Rated Watt         | DC Voltage  | Beam Angle   | CRI            | IP Rating |                           |
|------------------------|--------------------|-------------|--------------|----------------|-----------|---------------------------|
| SC-2835CC<br>SC-2835CC | 10W/M<br>3.05 W/FT | 48V<br>48 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  | 2.0mm<br>0.08" 12mm/0.47" |
| SC-2835CC<br>SC-2835CC | 10W/M<br>3.05 W/FT | 48V<br>48 V | 120°<br>120° | 80/90<br>80    | 65<br>65  | 5mm<br>0.20" 14mm/0.55"   |



# High Efficiency Series



Available colors

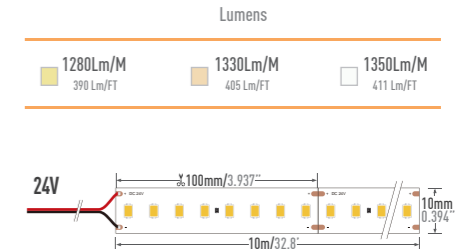


- High efficiency up to 196 lm/W, meets class B and C
- Quality SMD2835 0.2W LED provides unparalleled design-in flexibility for LED strips application
- SDCM[standard deviation of color matching] within six-step, IES60081:2010 standard



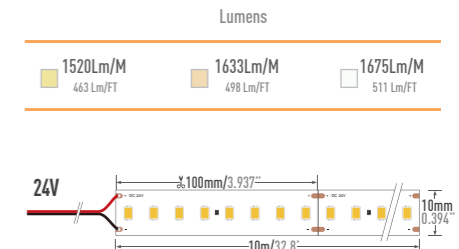
## 80 LEDs/M Class C

| Model                    | Rated Watt       | DC Voltage  | Beam Angle   | CRI            | IP Rating |                              |
|--------------------------|------------------|-------------|--------------|----------------|-----------|------------------------------|
| SC-ST-2835<br>SC-ST-2835 | 8W/M<br>2.4 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  | 2mm<br>0.079"<br>10mm/0.394" |
| SC-ST-2835<br>SC-ST-2835 | 8W/M<br>2.4 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  | 5mm<br>0.20"<br>H2.5mm/0.49" |
| SC-ST-2835<br>SC-ST-2835 | 8W/M<br>2.4 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  | 4mm<br>0.16"<br>H2.5mm/0.49" |



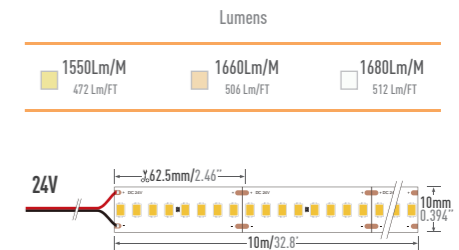
## 80 LEDs/M Class C

| Model                    | Rated Watt        | DC Voltage  | Beam Angle   | CRI            | IP Rating |                              |
|--------------------------|-------------------|-------------|--------------|----------------|-----------|------------------------------|
| SC-ST-2835<br>SC-ST-2835 | 10W/M<br>3.1 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  | 2mm<br>0.079"<br>10mm/0.394" |
| SC-ST-2835<br>SC-ST-2835 | 10W/M<br>3.1 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  | 5mm<br>0.20"<br>H2.5mm/0.49" |
| SC-ST-2835<br>SC-ST-2835 | 10W/M<br>3.1 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  | 4mm<br>0.16"<br>H2.5mm/0.49" |



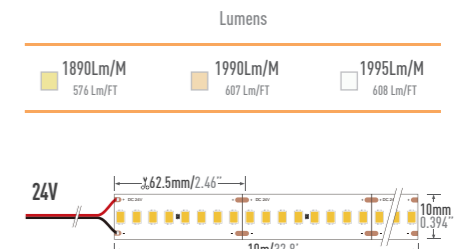
## 128 LEDs/M Class C

| Model                    | Rated Watt        | DC Voltage  | Beam Angle   | CRI            | IP Rating |                              |
|--------------------------|-------------------|-------------|--------------|----------------|-----------|------------------------------|
| SC-ST-2835<br>SC-ST-2835 | 10W/M<br>3.1 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  | 2mm<br>0.079"<br>10mm/0.394" |
| SC-ST-2835<br>SC-ST-2835 | 10W/M<br>3.1 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  | 5mm<br>0.20"<br>H2.5mm/0.49" |
| SC-ST-2835<br>SC-ST-2835 | 10W/M<br>3.1 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  | 4mm<br>0.16"<br>H2.5mm/0.49" |



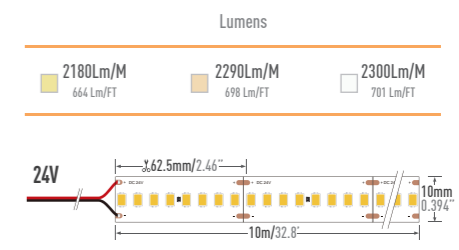
## 128 LEDs/M Class C

| Model                    | Rated Watt        | DC Voltage  | Beam Angle   | CRI            | IP Rating |                              |
|--------------------------|-------------------|-------------|--------------|----------------|-----------|------------------------------|
| SC-ST-2835<br>SC-ST-2835 | 12W/M<br>3.7 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  | 2mm<br>0.079"<br>10mm/0.394" |
| SC-ST-2835<br>SC-ST-2835 | 12W/M<br>3.7 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  | 5mm<br>0.20"<br>H2.5mm/0.49" |
| SC-ST-2835<br>SC-ST-2835 | 12W/M<br>3.7 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  | 4mm<br>0.16"<br>H2.5mm/0.49" |



## 128 LEDs/M Class C

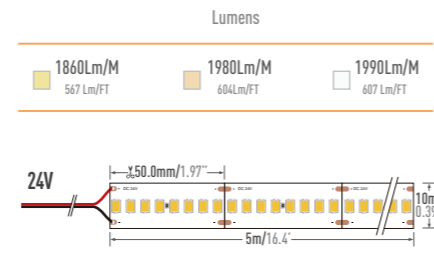
| Model                    | Rated Watt        | DC Voltage  | Beam Angle   | CRI            | IP Rating |                              |
|--------------------------|-------------------|-------------|--------------|----------------|-----------|------------------------------|
| SC-ST-2835<br>SC-ST-2835 | 14W/M<br>4.3 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  | 2mm<br>0.079"<br>10mm/0.394" |
| SC-ST-2835<br>SC-ST-2835 | 14W/M<br>4.3 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  | 5mm<br>0.20"<br>H2.5mm/0.49" |
| SC-ST-2835<br>SC-ST-2835 | 14W/M<br>4.3 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  | 4mm<br>0.16"<br>H2.5mm/0.49" |





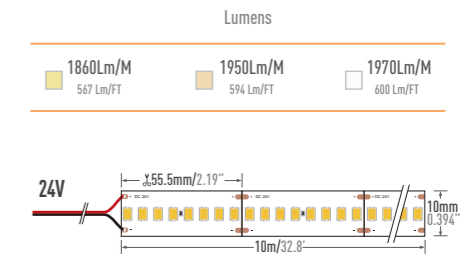
## 160 LEDs/M Class C

| Model                    | Rated Watt         | DC Voltage  | Beam Angle   | CRI            | IP Rating |
|--------------------------|--------------------|-------------|--------------|----------------|-----------|
| SC-ST-2835<br>SC-ST-2835 | 12W/M<br>3.66 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  |
| SC-ST-2835<br>SC-ST-2835 | 12W/M<br>3.66 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  |
| SC-ST-2835<br>SC-ST-2835 | 12W/M<br>3.66 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  |



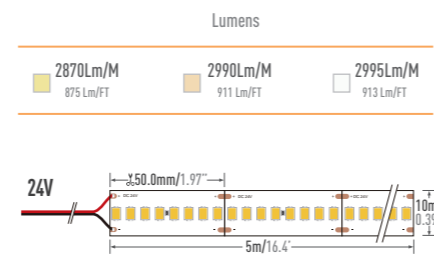
## 162 LEDs/M Class B

| Model                    | Rated Watt         | DC Voltage  | Beam Angle   | CRI            | IP Rating |
|--------------------------|--------------------|-------------|--------------|----------------|-----------|
| SC-ST-2835<br>SC-ST-2835 | 10W/M<br>3.05 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  |
| SC-ST-2835<br>SC-ST-2835 | 10W/M<br>3.05 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  |
| SC-ST-2835<br>SC-ST-2835 | 10W/M<br>3.05 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  |



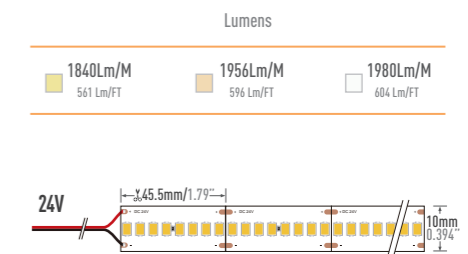
## 160 LEDs/M Class C

| Model                    | Rated Watt         | DC Voltage  | Beam Angle   | CRI            | IP Rating |
|--------------------------|--------------------|-------------|--------------|----------------|-----------|
| SC-ST-2835<br>SC-ST-2835 | 18W/M<br>5.49 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  |
| SC-ST-2835<br>SC-ST-2835 | 18W/M<br>5.49 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  |
| SC-ST-2835<br>SC-ST-2835 | 18W/M<br>5.49 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  |



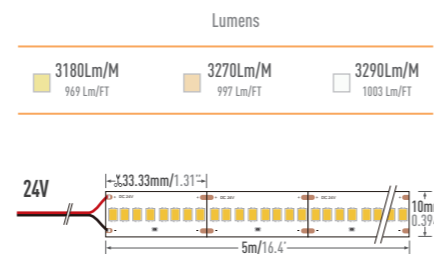
## 198 LEDs/M Class B

| Model                    | Rated Watt         | DC Voltage  | Beam Angle   | CRI            | IP Rating |
|--------------------------|--------------------|-------------|--------------|----------------|-----------|
| SC-ST-2835<br>SC-ST-2835 | 10W/M<br>3.05 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  |
| SC-ST-2835<br>SC-ST-2835 | 10W/M<br>3.05 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  |
| SC-ST-2835<br>SC-ST-2835 | 10W/M<br>3.05 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  |



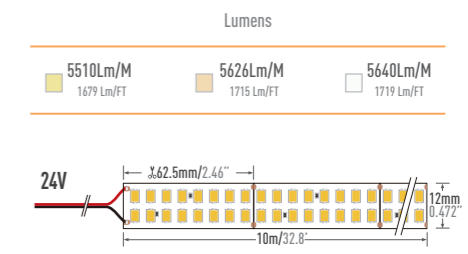
## 240 LEDs/M Class C

| Model                    | Rated Watt        | DC Voltage  | Beam Angle   | CRI            | IP Rating |
|--------------------------|-------------------|-------------|--------------|----------------|-----------|
| SC-ST-2835<br>SC-ST-2835 | 20W/M<br>6.1 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  |
| SC-ST-2835<br>SC-ST-2835 | 20W/M<br>6.1 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  |
| SC-ST-2835<br>SC-ST-2835 | 20W/M<br>6.1 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  |



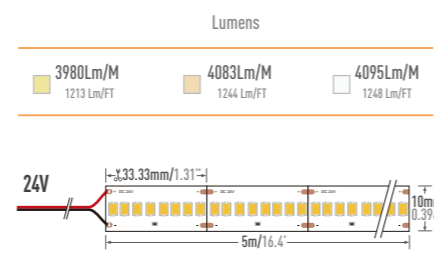
## 256 LEDs/M Class B

| Model                    | Rated Watt         | DC Voltage  | Beam Angle   | CRI            | IP Rating |
|--------------------------|--------------------|-------------|--------------|----------------|-----------|
| SC-ST-2835<br>SC-ST-2835 | 30W/M<br>9.14 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  |
| SC-ST-2835<br>SC-ST-2835 | 30W/M<br>9.14 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  |
| SC-ST-2835<br>SC-ST-2835 | 30W/M<br>9.14 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  |



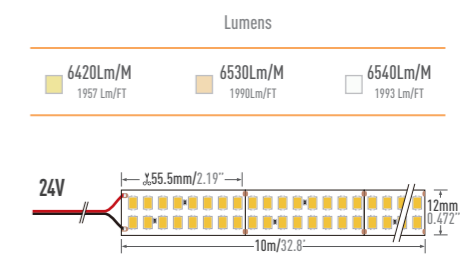
## 240 LEDs/M Class C

| Model                    | Rated Watt         | DC Voltage  | Beam Angle   | CRI            | IP Rating |
|--------------------------|--------------------|-------------|--------------|----------------|-----------|
| SC-ST-2835<br>SC-ST-2835 | 25W/M<br>7.62 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  |
| SC-ST-2835<br>SC-ST-2835 | 25W/M<br>7.62 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  |
| SC-ST-2835<br>SC-ST-2835 | 25W/M<br>7.62 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  |



## 288 LEDs/M Class B

| Model                    | Rated Watt         | DC Voltage  | Beam Angle   | CRI            | IP Rating |
|--------------------------|--------------------|-------------|--------------|----------------|-----------|
| SC-ST-2835<br>SC-ST-2835 | 35W/M<br>10.7 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  |
| SC-ST-2835<br>SC-ST-2835 | 35W/M<br>10.7 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  |
| SC-ST-2835<br>SC-ST-2835 | 35W/M<br>10.7 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  |

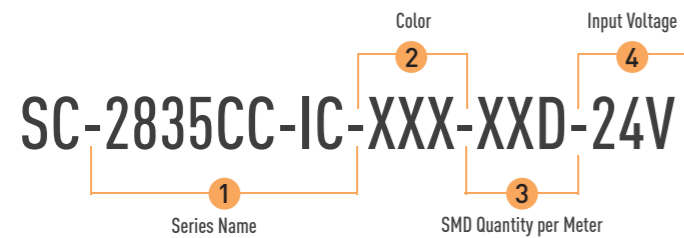


# Constant Current Series

DC24V



Available colors

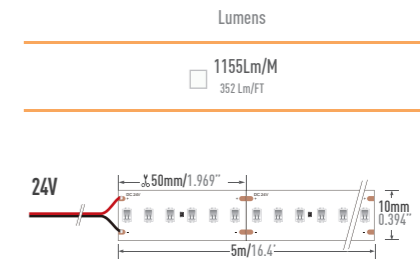


- The length of single end power supply can reach 15m, 11w/m
- No brightness difference between the head and the end, good heat dissipation, low light attenuation and high lifespan
- High quality LEDs
- 10MM



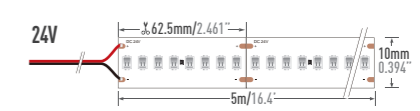
## 120 LEDs /M

| Model                        | Rated Watt        | DC Voltage  | Beam Angle   | Color          | IP Rating |  |
|------------------------------|-------------------|-------------|--------------|----------------|-----------|--|
| SC-2835CC-IC<br>SC-2835CC-IC | 11W/M<br>3.4 W/FT | 24V<br>24 V | 120°<br>120° | W/G/B<br>W/G/B | 20<br>20  |  |
| SC-2835CC-IC<br>SC-2835CC-IC | 11W/M<br>3.4 W/FT | 24V<br>24 V | 120°<br>120° | W/G/B<br>W/G/B | 64<br>64  |  |
| SC-2835CC-IC<br>SC-2835CC-IC | 11W/M<br>3.4 W/FT | 24V<br>24 V | 120°<br>120° | W/G/B<br>W/G/B | 65<br>65  |  |
| SC-2835CC-IC<br>SC-2835CC-IC | 11W/M<br>3.4 W/FT | 24V<br>24 V | 120°<br>120° | W/G/B<br>W/G/B | 65<br>65  |  |
| SC-2835CC-IC<br>SC-2835CC-IC | 11W/M<br>3.4 W/FT | 24V<br>24 V | 120°<br>120° | W/G/B<br>W/G/B | 68<br>68  |  |



## 128 LEDs /M

| Model                        | Rated Watt        | DC Voltage  | Beam Angle   | Color      | IP Rating |  |
|------------------------------|-------------------|-------------|--------------|------------|-----------|--|
| SC-2835CC-IC<br>SC-2835CC-IC | 11W/M<br>3.4 W/FT | 24V<br>24 V | 120°<br>120° | R/Y<br>R/Y | 20<br>20  |  |
| SC-2835CC-IC<br>SC-2835CC-IC | 11W/M<br>3.4 W/FT | 24V<br>24 V | 120°<br>120° | R/Y<br>R/Y | 64<br>64  |  |
| SC-2835CC-IC<br>SC-2835CC-IC | 11W/M<br>3.4 W/FT | 24V<br>24 V | 120°<br>120° | R/Y<br>R/Y | 65<br>65  |  |
| SC-2835CC-IC<br>SC-2835CC-IC | 11W/M<br>3.4 W/FT | 24V<br>24 V | 120°<br>120° | R/Y<br>R/Y | 65<br>65  |  |
| SC-2835CC-IC<br>SC-2835CC-IC | 11W/M<br>3.4 W/FT | 24V<br>24 V | 120°<br>120° | R/Y<br>R/Y | 68<br>68  |  |



# Ppass Series NEW



Available colors

WW NW W

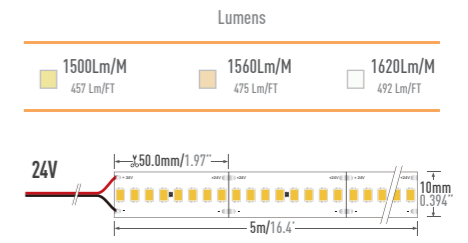
Series Name: **2**  
 SMD Quantity per Meter: **4**  
**SC-2835-Ppass-XW-160D-24V**  
 SMD Type: **1**      Color: **3**      Input Voltage: **5**

- Special FPC board and PCB treatment process to enhance light reflection and heat dissipation, bring better weather resistance and excellent visual effects
- SDCM<3, Ra>95, R9>90
- Quality SMD2835 0.2W LED provides unparalleled design-in flexibility for LED strips application.



## 160 LEDs /M

| Model                          | Rated Watt        | DC Voltage  | Beam Angle   | CRI      | IP Rating |  |
|--------------------------------|-------------------|-------------|--------------|----------|-----------|--|
| SC-2835-Ppass<br>SC-2835-Ppass | 12W/M<br>4.0 W/FT | 24V<br>24 V | 120°<br>120° | 95<br>95 | 20<br>20  |  |
| SC-2835-Ppass<br>SC-2835-Ppass | 12W/M<br>4.0 W/FT | 24V<br>24 V | 120°<br>120° | 95<br>95 | 65<br>65  |  |





# RGB & Hybrid LED STRIP

|                               |        |
|-------------------------------|--------|
| 4040 Series                   | P39-40 |
| 5050 Series                   | P41-42 |
| 2835 RGB Series               | P43-44 |
| 4713 Series                   | P45-46 |
| 5-in-1 Series                 | P47-48 |
| 4-in-1 Series                 | P49-50 |
| TW Series                     | P51-52 |
| YID-W+WW Series               | P53-54 |
| Built-in IC Series            | P55-56 |
| External IC Series (SMD 5050) | P57-58 |
| External IC Series (SMD 2835) | P59-60 |
| RGBW Series                   | P61-62 |
| RGBTW Series                  | P63-64 |

# 4040 Series



SC-4040-RGB-120D-12&24V

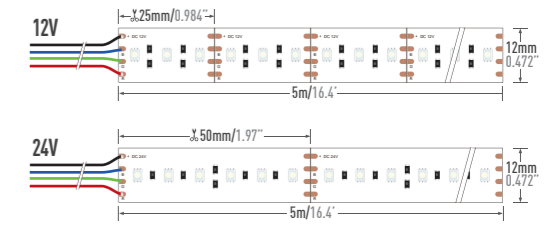
1 SMD Type      2 Color      3 SMD Quantity per Meter      4 Input Voltage

- New RGB LED type, 4040 assembly
- 120pcs LED per meter, better mixed light effect
- Stronger LED bracket, more flexible and bendable



## 120 LEDs /M

| Model                            | Rated Watt        | DC Voltage        | Beam Angle   | IP Rating | Diagram |
|----------------------------------|-------------------|-------------------|--------------|-----------|---------|
| SC-4040-RGB<br>SC-4040-RGB       | 22W/M<br>6.7 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 20<br>20  |         |
| SC-4040D-RGB<br>SC-4040D-RGB     | 22W/M<br>6.7 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 64<br>64  |         |
| SC-4040P-RGB<br>SC-4040P-RGB     | 22W/M<br>6.7 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 65<br>65  |         |
| SC-4040S-RGB<br>SC-4040S-RGB     | 22W/M<br>6.7 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 65<br>65  |         |
| SC-SF-4040-RGB<br>SC-SF-4040-RGB | 22W/M<br>6.7 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 68<br>68  |         |



# 5050 Series

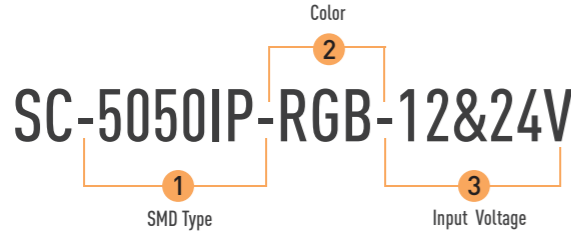
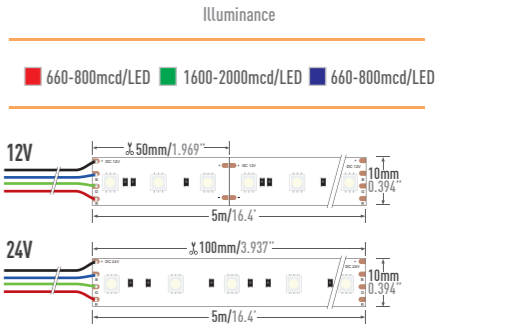
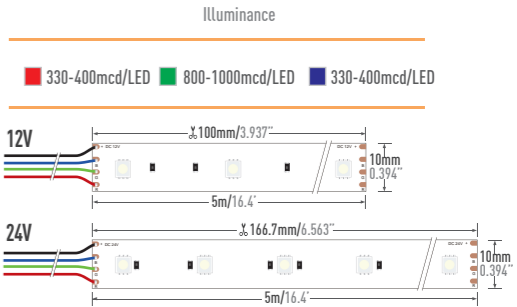


## 30 LEDs /M

| Model                                | Rated Watt         | DC Voltage        | Beam Angle   | IP Rating |                                |
|--------------------------------------|--------------------|-------------------|--------------|-----------|--------------------------------|
| SC-5050IP-RGB<br>SC-5050IP-RGB       | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 20<br>20  | 2mm<br>0.08"<br>10mm/0.39"     |
| SC-5050IPD-RGB<br>SC-5050IPD-RGB     | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 64<br>64  | 2.8mm<br>0.11"<br>10mm/0.39"   |
| SC-5050IPP-RGB<br>SC-5050IPP-RGB     | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 65<br>65  | 4.6mm<br>0.18"<br>12.5mm/0.49" |
| SC-5050IPS-RGB<br>SC-5050IPS-RGB     | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 65<br>65  | 4mm<br>0.16"<br>12.5mm/0.49"   |
| SC-SF-5050IP-RGB<br>SC-SF-5050IP-RGB | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 68<br>68  | 6.5mm<br>0.26"<br>14mm/0.55"   |

## 60 LEDs /M

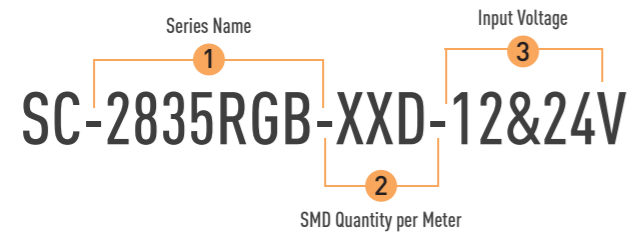
| Model                                  | Rated Watt          | DC Voltage        | Beam Angle   | IP Rating |                                |
|--|---------------------|-------------------|--------------|-----------|--------------------------------|
| SC-5050IP-RGB2<br>SC-5050IP-RGB2       | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 20<br>20  | 2mm<br>0.08"<br>10mm/0.39"     |
| SC-5050IPD-RGB2<br>SC-5050IPD-RGB2     | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 64<br>64  | 2.8mm<br>0.11"<br>10mm/0.39"   |
| SC-5050IPP-RGB2<br>SC-5050IPP-RGB2     | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 65<br>65  | 4.6mm<br>0.18"<br>12.5mm/0.49" |
| SC-5050IPS-RGB2<br>SC-5050IPS-RGB2     | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 65<br>65  | 4mm<br>0.16"<br>12.5mm/0.49"   |
| SC-SF-5050IP-RGB2<br>SC-SF-5050IP-RGB2 | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 68<br>68  | 6.5mm<br>0.26"<br>14mm/0.55"   |



- Double layer pure copper PCB
- 3M adhesive tape for easy installation
- T or L type connectors for corner connection
- Max connection length is 10m/32.81FT, 120 degree
- Standard 5M on reel



# 2835 RGB Series

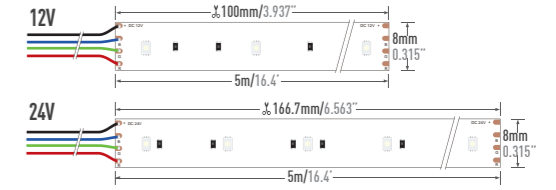


- New RGB LED type, 2835 assembly
- 60/120pcs LED per meter, better mixed light effect
- Stronger LED bracket, more flexible and bendable



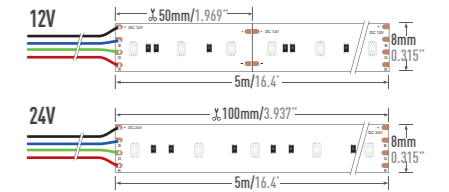
## 30 LEDs /M

| Model                    | Rated Watt         | DC Voltage        | Beam Angle   | IP Rating |
|--------------------------|--------------------|-------------------|--------------|-----------|
| SC-2835RGB<br>SC-2835RGB | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 20<br>20  |
| SC-2835RGB<br>SC-2835RGB | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 64<br>64  |
| SC-2835RGB<br>SC-2835RGB | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 65<br>65  |
| SC-2835RGB<br>SC-2835RGB | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 65<br>65  |



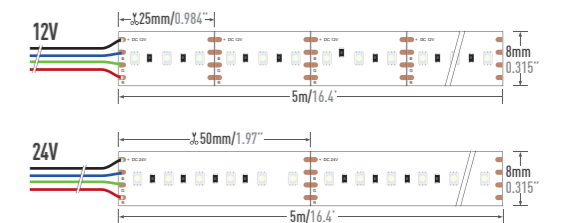
## 60 LEDs /M

| Model                    | Rated Watt          | DC Voltage        | Beam Angle   | IP Rating |
|--------------------------|---------------------|-------------------|--------------|-----------|
| SC-2835RGB<br>SC-2835RGB | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 20<br>20  |
| SC-2835RGB<br>SC-2835RGB | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 64<br>64  |
| SC-2835RGB<br>SC-2835RGB | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 65<br>65  |
| SC-2835RGB<br>SC-2835RGB | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 65<br>65  |



## 120 LEDs /M

| Model                    | Rated Watt          | DC Voltage        | Beam Angle   | IP Rating |
|--------------------------|---------------------|-------------------|--------------|-----------|
| SC-2835RGB<br>SC-2835RGB | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 20<br>20  |
| SC-2835RGB<br>SC-2835RGB | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 64<br>64  |
| SC-2835RGB<br>SC-2835RGB | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 65<br>65  |
| SC-2835RGB<br>SC-2835RGB | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 65<br>65  |



2835 Series  
RGB Series  
Built-in IC Series  
2110 & 21016 Series  
3014 Series  
3528 Series  
5050 Series  
Special Strip  
COB Strip  
Neon Flex  
Rigid Strip  
Strip Kits

# 4713 RGB Series



Series Name: **1** SC-4713RGB-**2**XXD-12**3**&24V

Input Voltage: 3

SMD Quantity per Meter: 2

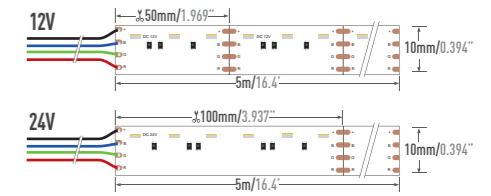


- Newest LED SMD 4713, smaller and thinner, it could achieve high density line array
- More concentrated lighting effect, better mixed light effect
- LEDs: 99.99% golden wire and copper support, super bright LEDs, stable and reliable



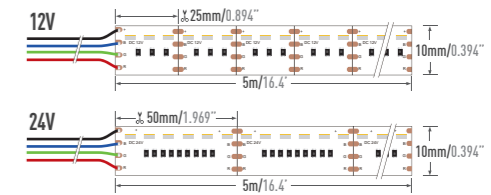
## 60 LEDs /M

| Model                    | Rated Watt         | DC Voltage        | Beam Angle   | IP Rating |                              |
|--------------------------|--------------------|-------------------|--------------|-----------|------------------------------|
| SC-4713RGB<br>SC-4713RGB | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 20<br>20  | 1.5mm<br>0.06"   -10mm/0.39" |
| SC-4713RGB<br>SC-4713RGB | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 65<br>65  | 4mm<br>0.16"   -12.5mm/0.49" |



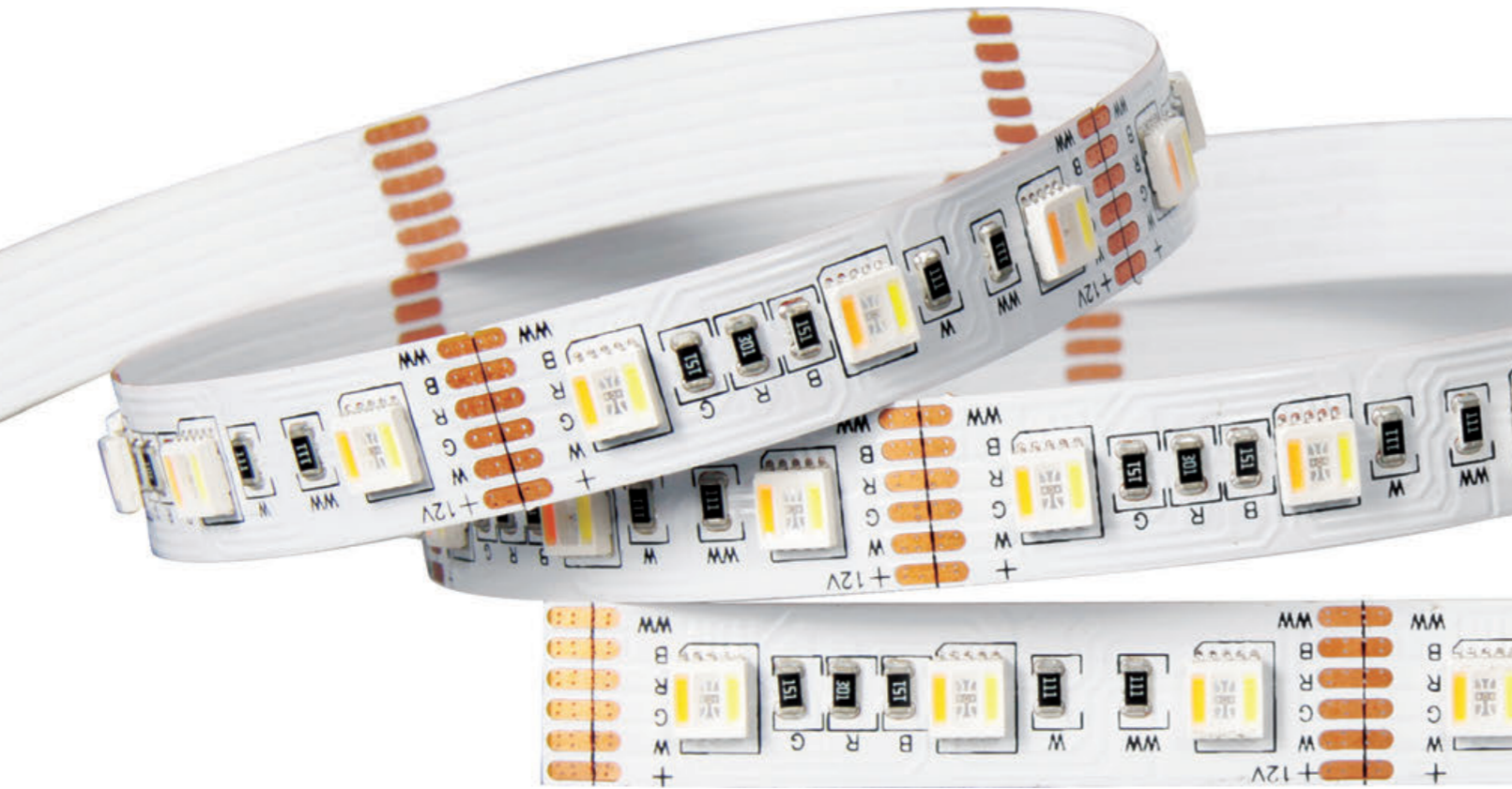
## 120 LEDs /M

| Model                    | Rated Watt          | DC Voltage        | Beam Angle   | IP Rating |                              |
|--------------------------|---------------------|-------------------|--------------|-----------|------------------------------|
| SC-4713RGB<br>SC-4713RGB | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 20<br>20  | 1.7mm<br>0.06"   -10mm/0.39" |
| SC-4713RGB<br>SC-4713RGB | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 65<br>65  | 4mm<br>0.16"   -12.5mm/0.49" |





# 5-in-1 Series



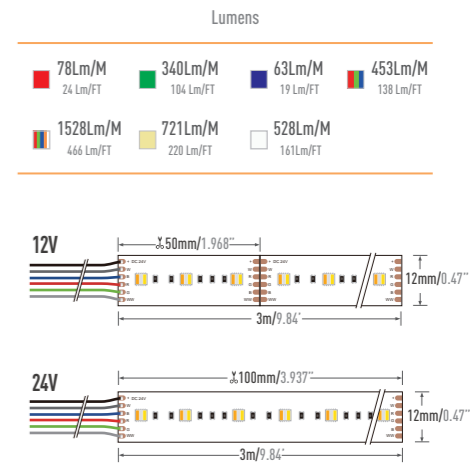
Input Voltage  
2  
SC-0ID5-12/24V  
1  
Series Name(5-in-1)



- 5050 assembled LEDs
- CRI 80, 5 colors mixed to reach 65536 colors, and the LED strip is equipped with special controller to control 52 kinds of variable modes
- Can be cut to meet requirements of different length (the minimum cut length is 50mm, and custom cut length can be integer multiples of minimum cut length)
- 2700-6500K variation, RGB mixed color change; 12V DC
- Product length 3M



| Model              | Rated Watt          | DC Voltage        | Beam Angle   | Color                | IP Rating |                             |
|--------------------|---------------------|-------------------|--------------|----------------------|-----------|-----------------------------|
| SC-0ID5<br>SC-0ID5 | 4.8W/M<br>1.5 W/FT  | 12/24V<br>12/24 V | 120°<br>120° | R/G/B<br>R/G/B       | 20<br>20  | 2mm<br>0.08"<br>±12mm/0.47" |
| SC-0ID5<br>SC-0ID5 | 4.8W/M<br>1.5 W/FT  | 12/24V<br>12/24 V | 120°<br>120° | W/WW<br>W/WW         | 20<br>20  | 2mm<br>0.08"<br>±12mm/0.47" |
| SC-0ID5<br>SC-0ID5 | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | RGB<br>RGB           | 20<br>20  | 2mm<br>0.08"<br>±12mm/0.47" |
| SC-0ID5<br>SC-0ID5 | 24W/M<br>7.3 W/FT   | 12/24V<br>12/24 V | 120°<br>120° | RGB+WW+W<br>RGB+WW+W | 20<br>20  | 2mm<br>0.08"<br>±12mm/0.47" |



# 4-in-1 Series

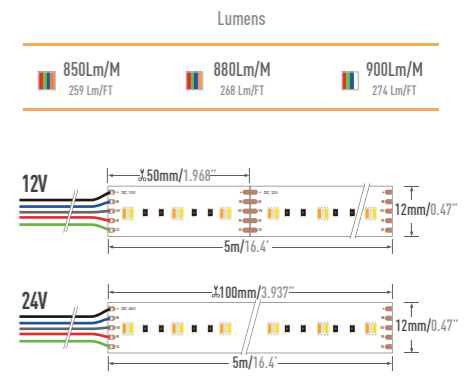


Input Voltage  
**2**  
**SC-01D4-12/24V**  
**1**  
 Series Name(4-in-1)

- Built-in 4-in-1 RGB with single color strip, 5 channels
- Double layer pure copper 2oz PCB
- 3M adhesive tape for easy installation
- High brightness 5050 type LED
- 120 degree
- Standard 5M on reel



| Model                    | Rated Watt          | DC Voltage        | Beam Angle   | Color                      | IP Rating |                                 |
|--------------------------|---------------------|-------------------|--------------|----------------------------|-----------|---------------------------------|
| SC-01D4<br>SC-01D4       | 19.2W/M<br>5.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | RGB+WW/NW/W<br>RGB+WW/NW/W | 20        | 2mm<br>0.08"<br>10mm/0.39"      |
| SC-001D4<br>SC-001D4     | 19.2W/M<br>5.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | RGB+WW/NW/W<br>RGB+WW/NW/W | 64        | 2.8mm<br>0.11"<br>12mm/0.47"    |
| SC-T01D4<br>SC-T01D4     | 19.2W/M<br>5.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | RGB+WW/NW/W<br>RGB+WW/NW/W | 65        | 4.6mm<br>0.18"<br>14.5mm/0.57"  |
| SC-S01D4<br>SC-S01D4     | 19.2W/M<br>5.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | RGB+WW/NW/W<br>RGB+WW/NW/W | 65        | 4mm<br>0.16"<br>14.5mm/0.57"    |
| SC-SF-01D4<br>SC-SF-01D4 | 19.2W/M<br>5.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | RGB+WW/NW/W<br>RGB+WW/NW/W | 68        | 10.5mm<br>0.41"<br>16.5mm/0.65" |



# TW Series



Number of LEDs per Group: 2  
 Input Voltage: 12/24  
 PCB Width: 10  
 SMD Type: SC-2835-06  
 Color: X&X  
 SMD Quantity per Meter: 10

**SC-2835-06-X&X-12/24-XD-10**

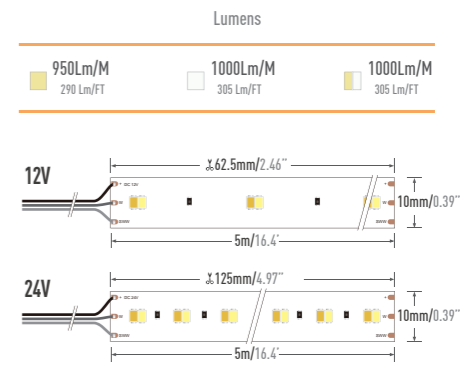
- IP20 Non-waterproof
- IP64 Slim PU glue potted
- IP65 Silicon sleeved/PU glue potted

- ETL Intertek
- CE
- RoHS
- Cuttable
- .IES
- Warranty 5 years

- Preferred dual-color LEDs to achieve three-color changing light effect
- 1800-6500K CCT adjustable
- Dual-color LEDs close to, color matching uniformity, consistency, no color difference
- LEDs SDCM between 3-6 optional, two color temperatures of the strip optional
- Suitable for various dimming controllers in the market

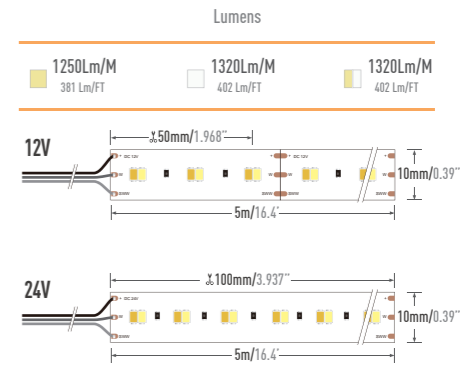
## 96 LEDs/M

| Model                    | Rated Watt              | DC Voltage        | Beam Angle   | CRI            | IP Rating | Lumens                                    |
|--------------------------|-------------------------|-------------------|--------------|----------------|-----------|---|
| SC-2835-06<br>SC-2835-06 | 8.64*2W/M<br>2.6*2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  | 1.1mm <sup>2</sup><br>0.04"  10mm/0.39"   |
| SC-2835-06<br>SC-2835-06 | 8.64*2W/M<br>2.6*2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 64<br>64  | 2.8mm <sup>2</sup><br>0.11"  10mm/0.39"   |
| SC-2835-06<br>SC-2835-06 | 8.64*2W/M<br>2.6*2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  | 4.3mm <sup>2</sup><br>0.16"  12.5mm/0.49" |
| SC-2835-06<br>SC-2835-06 | 8.64*2W/M<br>2.6*2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  | 4mm <sup>2</sup><br>0.15"  12.5mm/0.49"   |



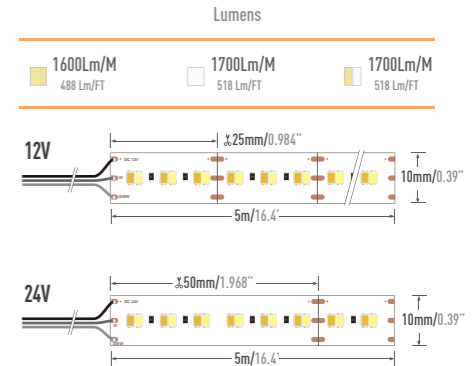
## 120 LEDs/M

| Model                    | Rated Watt               | DC Voltage        | Beam Angle   | CRI            | IP Rating | Lumens                                    |
|--------------------------|--------------------------|-------------------|--------------|----------------|-----------|---|
| SC-2835-06<br>SC-2835-06 | 11.52*2W/M<br>3.5*2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  | 1.1mm <sup>2</sup><br>0.04"  10mm/0.39"   |
| SC-2835-06<br>SC-2835-06 | 11.52*2W/M<br>3.5*2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 64<br>64  | 2.8mm <sup>2</sup><br>0.11"  10mm/0.39"   |
| SC-2835-06<br>SC-2835-06 | 11.52*2W/M<br>3.5*2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  | 4.3mm <sup>2</sup><br>0.16"  12.5mm/0.49" |
| SC-2835-06<br>SC-2835-06 | 11.52*2W/M<br>3.5*2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  | 4mm <sup>2</sup><br>0.15"  12.5mm/0.49"   |



## 240 LEDs/M

| Model                    | Rated Watt              | DC Voltage        | Beam Angle   | CRI            | IP Rating | Lumens                                    |
|--------------------------|-------------------------|-------------------|--------------|----------------|-----------|---|
| SC-2835-06<br>SC-2835-06 | 14.4*2W/M<br>4.4*2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  | 1.1mm <sup>2</sup><br>0.04"  10mm/0.39"   |
| SC-2835-06<br>SC-2835-06 | 14.4*2W/M<br>4.4*2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 64<br>64  | 2.8mm <sup>2</sup><br>0.11"  10mm/0.39"   |
| SC-2835-06<br>SC-2835-06 | 14.4*2W/M<br>4.4*2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  | 4.3mm <sup>2</sup><br>0.16"  12.5mm/0.49" |
| SC-2835-06<br>SC-2835-06 | 14.4*2W/M<br>4.4*2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  | 4mm <sup>2</sup><br>0.15"  12.5mm/0.49"   |

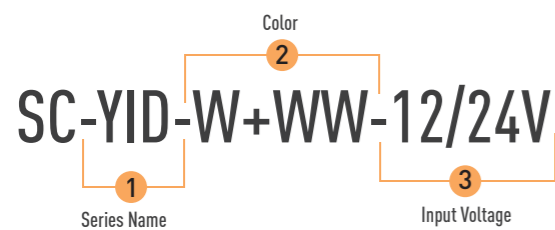
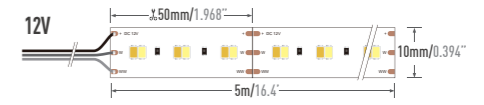


# YID-W+WW Series



| Model                      | Rated Watt       | DC Voltage       | Beam Angle   | Color        | IP Rating |
|----------------------------|------------------|------------------|--------------|--------------|-----------|
| SC-YID-W+WW<br>SC-YID-W-WW | 9.6W/M<br>3 W/FT | 12/24V<br>12/24V | 120°<br>120° | W+WW<br>W-WW | 20<br>20  |

| Lumens               |                     |                      |
|----------------------|---------------------|----------------------|
| 390Lm/M<br>119 Lm/FT | 320Lm/M<br>98 Lm/FT | 710Lm/M<br>216 Lm/FT |



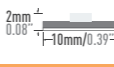
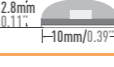

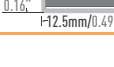
- Super bright hybrid LED strip;
- CCT adjustable, from 2700K to 6000k;
- Double layer pure copper 2oz PCB;
- 3M adhesive tape for easy installation;
- Strip should work with aluminium profile;
- Packed 5m on reel.

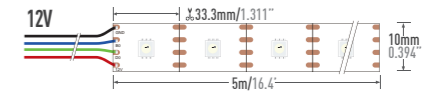


# Built-in IC Series

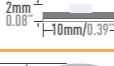


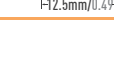


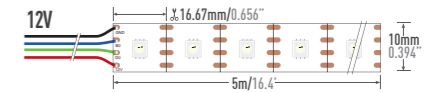
## 30 LEDs /M

| Model                          | Rated Watt         | DC Voltage  | Beam Angle   | IP Rating |   |
|--------------------------------|--------------------|-------------|--------------|-----------|---|
| ⊗ SC-5050RGBIC<br>SC-5050RGBIC | 4.3W/M<br>1.3 W/FT | 12V<br>12 V | 120°<br>120° | 20<br>20  |  2mm<br>0.08"   10mm/0.39"     |
| ⊙ SC-5050RGBIC<br>SC-5050RGBIC | 4.3W/M<br>1.3 W/FT | 12V<br>12 V | 120°<br>120° | 64<br>64  |  2.8mm<br>0.11"   10mm/0.39"   |
| ⊗ SC-5050RGBIC<br>SC-5050RGBIC | 4.3W/M<br>1.3 W/FT | 12V<br>12 V | 120°<br>120° | 65<br>65  |  4.6mm<br>0.18"   12.5mm/0.49" |
| ⊗ SC-5050RGBIC<br>SC-5050RGBIC | 4.3W/M<br>1.3 W/FT | 12V<br>12 V | 120°<br>120° | 65<br>65  |  4mm<br>0.16"   12.5mm/0.49"   |

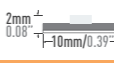





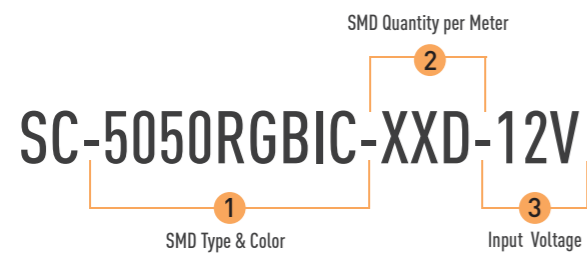
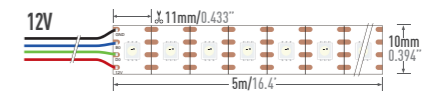
## 60 LEDs /M

| Model                          | Rated Watt          | DC Voltage  | Beam Angle   | IP Rating |   |
|--------------------------------|---------------------|-------------|--------------|-----------|---|
| ⊗ SC-5050RGBIC<br>SC-5050RGBIC | 8.6W/M<br>2.62 W/FT | 12V<br>12 V | 120°<br>120° | 20<br>20  |  2mm<br>0.08"   10mm/0.39"     |
| ⊙ SC-5050RGBIC<br>SC-5050RGBIC | 8.6W/M<br>2.62 W/FT | 12V<br>12 V | 120°<br>120° | 64<br>64  |  2.8mm<br>0.11"   10mm/0.39"   |
| ⊗ SC-5050RGBIC<br>SC-5050RGBIC | 8.6W/M<br>2.62 W/FT | 12V<br>12 V | 120°<br>120° | 65<br>65  |  4.6mm<br>0.18"   12.5mm/0.49" |
| ⊗ SC-5050RGBIC<br>SC-5050RGBIC | 8.6W/M<br>2.62 W/FT | 12V<br>12 V | 120°<br>120° | 65<br>65  |  4mm<br>0.16"   12.5mm/0.49"  |



## 90LEDs /M

| Model                          | Rated Watt         | DC Voltage  | Beam Angle   | IP Rating |   |
|--------------------------------|--------------------|-------------|--------------|-----------|---|
| ⊗ SC-5050RGBIC<br>SC-5050RGBIC | 13W/M<br>3.96 W/FT | 12V<br>12 V | 120°<br>120° | 20<br>20  |  2mm<br>0.08"   10mm/0.39"     |
| ⊙ SC-5050RGBIC<br>SC-5050RGBIC | 13W/M<br>3.96 W/FT | 12V<br>12 V | 120°<br>120° | 64<br>64  |  2.8mm<br>0.11"   10mm/0.39"   |
| ⊗ SC-5050RGBIC<br>SC-5050RGBIC | 13W/M<br>3.96 W/FT | 12V<br>12 V | 120°<br>120° | 65<br>65  |  4.6mm<br>0.18"   12.5mm/0.49" |
| ⊗ SC-5050RGBIC<br>SC-5050RGBIC | 13W/M<br>3.96 W/FT | 12V<br>12 V | 120°<br>120° | 65<br>65  |  4mm<br>0.16"   12.5mm/0.49"   |



- One LED as a pixel point, can realize fine single point single control
- No peripheral components, neat and beautiful board
- Break point continuous transmission, the damage of a LED in the middle does not affect the normal display of the subsequent LED

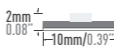

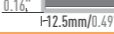


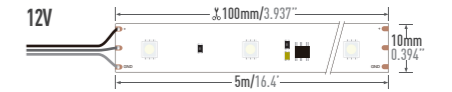
# External IC Series

5050 Series

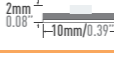





## 30 LEDs /M

| Model                        | Rated Watt          | DC Voltage  | Beam Angle   | IP Rating |   |
|------------------------------|---------------------|-------------|--------------|-----------|---|
| SC-5050RGBIC<br>SC-5050RGBIC | 6.0W/M<br>1.83 W/FT | 12V<br>12 V | 120°<br>120° | 20<br>20  |  |
| SC-5050RGBIC<br>SC-5050RGBIC | 6.0W/M<br>1.83 W/FT | 12V<br>12 V | 120°<br>120° | 64<br>64  |  |
| SC-5050RGBIC<br>SC-5050RGBIC | 6.0W/M<br>1.83 W/FT | 12V<br>12 V | 120°<br>120° | 65<br>65  |  |
| SC-5050RGBIC<br>SC-5050RGBIC | 6.0W/M<br>1.83 W/FT | 12V<br>12 V | 120°<br>120° | 65<br>65  |  |

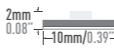
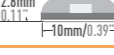




## 60 LEDs /M

| Model                          | Rated Watt           | DC Voltage  | Beam Angle   | IP Rating |  |
|--------------------------------|----------------------|-------------|--------------|-----------|--|
| SC-5050RGBIC<br>SC-5050IP-RGB2 | 12.0W/M<br>3.66 W/FT | 24V<br>24 V | 120°<br>120° | 20<br>20  |   |
| SC-5050RGBIC<br>SC-5050RGBIC   | 12.0W/M<br>3.66 W/FT | 24V<br>24 V | 120°<br>120° | 64<br>64  |   |
| SC-5050RGBIC<br>SC-5050RGBIC   | 12.0W/M<br>3.66 W/FT | 24V<br>24 V | 120°<br>120° | 65<br>65  |   |
| SC-5050RGBIC<br>SC-5050RGBIC   | 12.0W/M<br>3.66 W/FT | 24V<br>24 V | 120°<br>120° | 65<br>65  |  |



## 84 LEDs /M

| Model                        | Rated Watt           | DC Voltage  | Beam Angle   | IP Rating |   |
|------------------------------|----------------------|-------------|--------------|-----------|---|
| SC-5050RGBIC<br>SC-5050RGBIC | 17.0W/M<br>5.18 W/FT | 24V<br>24 V | 120°<br>120° | 20<br>20  |  |
| SC-5050RGBIC<br>SC-5050RGBIC | 17.0W/M<br>5.18 W/FT | 24V<br>24 V | 120°<br>120° | 64<br>64  |  |
| SC-5050RGBIC<br>SC-5050RGBIC | 17.0W/M<br>5.18 W/FT | 24V<br>24 V | 120°<br>120° | 65<br>65  |  |
| SC-5050RGBIC<br>SC-5050RGBIC | 17.0W/M<br>5.18 W/FT | 24V<br>24 V | 120°<br>120° | 65<br>65  |  |



SMD Quantity per Meter

**SC-5050RGBIC-XXD-12V**

1 SMD Type & Color

2

3 Input Voltage

- 24 V power supply, lower voltage, can be connected in length
- Suitable for most conventional controllers on the market, easy to operate
- Each unit as a pixel point, can be infinitely cascaded



2835 Series  
RGB Series  
Built-in IC Series  
2110 & 21016 Series  
3014 Series  
3528 Series  
5050 Series  
Special Strip  
COB Strip  
Neon Flex  
Rigid Strip  
Strip Kits

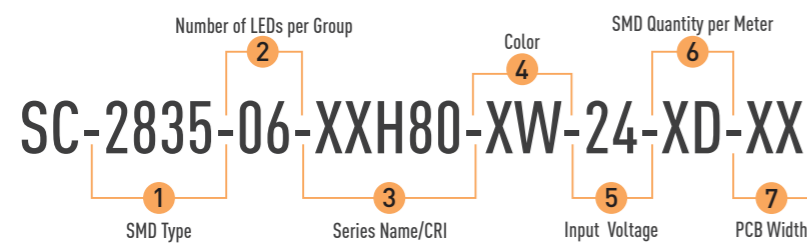
# External IC Series



2835 Series



Available colors  
 WW NW W

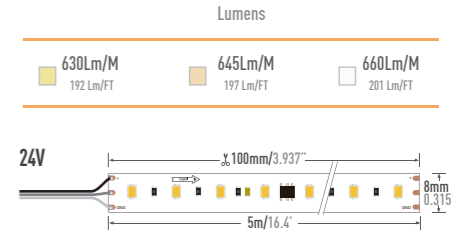


- Adopts high-quality light sources and reliable chip scheme, ensuring consistent brightness from head to tail
- With various dynamic modes, it can be programmed into different modes
- The SPI signal data transmission ensures good anti-interference capacity, making it a reliable and user-friendly lighting solution



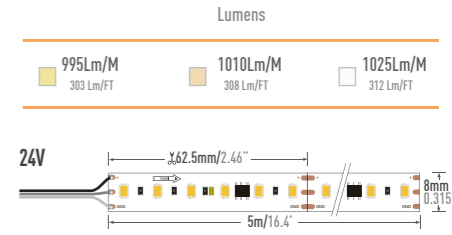
## 60 LEDs/M

| Model                                  | Rated Watt         | DC Voltage  | Beam Angle   | IP Rating |  |
|--|--------------------|-------------|--------------|-----------|--|
| SC-2835-06-HCH80<br>SC-2835-06-HCH80   | 10W/M<br>3.05 W/FT | 24V<br>24 V | 120°<br>120° | 20<br>20  | 1.1mm <sup>2</sup><br>0.04"  8mm/0.31" |
| SC-2835-06-THCH80<br>SC-2835-06-THCH80 | 10W/M<br>3.05 W/FT | 24V<br>24 V | 120°<br>120° | 65<br>65  | 4mm <sup>2</sup><br>0.16"  10mm/0.39"  |



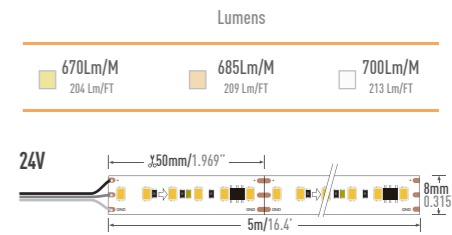
## 96 LEDs/M

| Model                                  | Rated Watt           | DC Voltage  | Beam Angle   | IP Rating |  |
|--|----------------------|-------------|--------------|-----------|--|
| SC-2835-06-HCH80<br>SC-2835-06-HCH80   | 14.4W/M<br>4.39 W/FT | 24V<br>24 V | 120°<br>120° | 20<br>20  | 1.1mm <sup>2</sup><br>0.04"  8mm/0.31" |
| SC-2835-06-THCH80<br>SC-2835-06-THCH80 | 14.4W/M<br>4.39 W/FT | 24V<br>24 V | 120°<br>120° | 65<br>65  | 4mm <sup>2</sup><br>0.16"  10mm/0.39"  |



## 120 LEDs/M

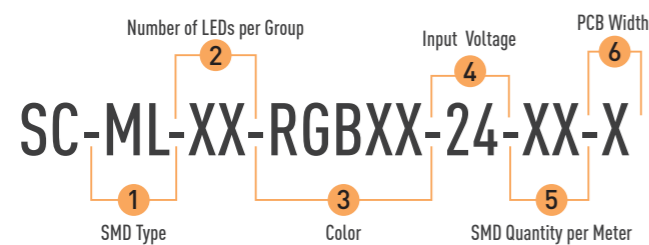
| Model                                  | Rated Watt         | DC Voltage  | Beam Angle   | IP Rating |  |
|--|--------------------|-------------|--------------|-----------|--|
| SC-2835-06-HCH80<br>SC-2835-06-HCH80   | 12W/M<br>3.66 W/FT | 24V<br>24 V | 120°<br>120° | 20<br>20  | 1.1mm <sup>2</sup><br>0.04"  8mm/0.31" |
| SC-2835-06-THCH80<br>SC-2835-06-THCH80 | 12W/M<br>3.66 W/FT | 24V<br>24 V | 120°<br>120° | 65<br>65  | 4mm <sup>2</sup><br>0.16"  10mm/0.39"  |



# RGBW Series



Available colors

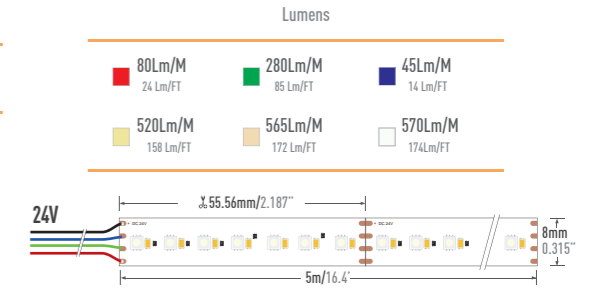


- 2835&2219 / 5050&2835 encapsulated LEDs, CRI80/90, single color & multiple color temperatures available + RGB full color combination
- Low light attenuation, high lifespan, high-quality LEDs
- High density LED layout, 8mm/12mm board width
- Suitable for multiple models and sizes of neon, aluminum groove light strip with consistent color and no light spots



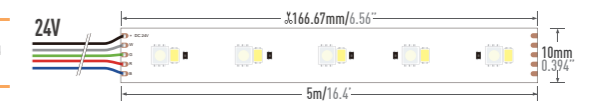
## 2835+2219 Series

| Model                            | Rated Watt         | DC Voltage  | Beam Angle   | Color                 | IP Rating |
|----------------------------------|--------------------|-------------|--------------|-----------------------|-----------|
| SC-ML-07-RGBXX<br>SC-ML-07-RGBXX | 14W/M<br>4.27 W/FT | 24V<br>24 V | 120°<br>120° | RGBW/RGBNW<br>/ RGBWW | 20<br>20  |



## 5050+2835 Series (60 LEDs / M)

| Model                          | Rated Watt          | DC Voltage  | Beam Angle   | Color                 | IP Rating |
|--------------------------------|---------------------|-------------|--------------|-----------------------|-----------|
| SC-ML-XX-RGBW<br>SC-ML-XX-RGBW | 7.2W/M<br>2.19 W/FT | 24V<br>24 V | 120°<br>120° | RGBW/RGBNW<br>/ RGBWW | 20<br>20  |
| SC-ML-XX-RGBW<br>SC-ML-XX-RGBW | 7.2W/M<br>2.19 W/FT | 24V<br>24 V | 120°<br>120° | RGBW/RGBNW<br>/ RGBWW | 64<br>64  |
| SC-ML-XX-RGBW<br>SC-ML-XX-RGBW | 7.2W/M<br>2.19 W/FT | 24V<br>24 V | 120°<br>120° | RGBW/RGBNW<br>/ RGBWW | 65<br>65  |
| SC-ML-XX-RGBW<br>SC-ML-XX-RGBW | 7.2W/M<br>2.19 W/FT | 24V<br>24 V | 120°<br>120° | RGBW/RGBNW<br>/ RGBWW | 65<br>65  |
| SC-ML-XX-RGBW<br>SC-ML-XX-RGBW | 7.2W/M<br>2.19 W/FT | 24V<br>24 V | 120°<br>120° | RGBW/RGBNW<br>/ RGBWW | 67<br>67  |



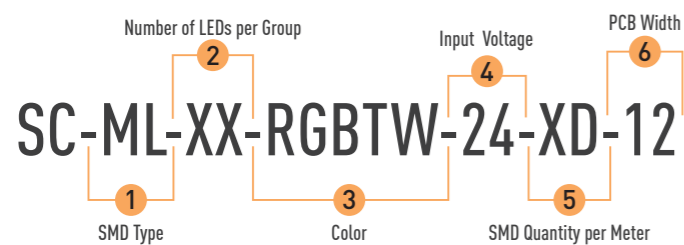
## 5050+2835 Series (120 LEDs / M)

| Model                          | Rated Watt           | DC Voltage  | Beam Angle   | Color                 | IP Rating |
|--------------------------------|----------------------|-------------|--------------|-----------------------|-----------|
| SC-ML-XX-RGBW<br>SC-ML-XX-RGBW | 16.8W/M<br>5.12 W/FT | 24V<br>24 V | 120°<br>120° | RGBW/RGBNW<br>/ RGBWW | 20<br>20  |
| SC-ML-XX-RGBW<br>SC-ML-XX-RGBW | 16.8W/M<br>5.12 W/FT | 24V<br>24 V | 120°<br>120° | RGBW/RGBNW<br>/ RGBWW | 64<br>64  |
| SC-ML-XX-RGBW<br>SC-ML-XX-RGBW | 16.8W/M<br>5.12 W/FT | 24V<br>24 V | 120°<br>120° | RGBW/RGBNW<br>/ RGBWW | 65<br>65  |
| SC-ML-XX-RGBW<br>SC-ML-XX-RGBW | 16.8W/M<br>5.12 W/FT | 24V<br>24 V | 120°<br>120° | RGBW/RGBNW<br>/ RGBWW | 65<br>65  |
| SC-ML-XX-RGBW<br>SC-ML-XX-RGBW | 16.8W/M<br>5.12 W/FT | 24V<br>24 V | 120°<br>120° | RGBW/RGBNW<br>/ RGBWW | 67<br>67  |





# RGBTW Series NEW



- RGB + Tunable White (1500K to 9000K) color mixing capability.
- Useful luminous flux up to 850lm per meter while consuming only 8.5W per meter
- Sync & control multiple Spectrum+ strip light kits & products
- Excellent color rendering index (80+CRI).



## 60 LEDs /M

| Model                            | Rated Watt          | DC Voltage  | Beam Angle   | Color                | IP Rating |
|----------------------------------|---------------------|-------------|--------------|----------------------|-----------|
| SC-ML-15-RGBTW<br>SC-ML-15-RGBTW | 7.2W/M<br>2.19 W/FT | 24V<br>24 V | 120°<br>120° | RGB+WW+W<br>RGB+WW+W | 20<br>20  |
| SC-ML-15-RGBTW<br>SC-ML-15-RGBTW | 7.2W/M<br>2.19 W/FT | 24V<br>24 V | 120°<br>120° | RGB+WW+W<br>RGB+WW+W | 64<br>64  |
| SC-ML-15-RGBTW<br>SC-ML-15-RGBTW | 7.2W/M<br>2.19 W/FT | 24V<br>24 V | 120°<br>120° | RGB+WW+W<br>RGB+WW+W | 65<br>65  |
| SC-ML-15-RGBTW<br>SC-ML-15-RGBTW | 7.2W/M<br>2.19 W/FT | 24V<br>24 V | 120°<br>120° | RGB+WW+W<br>RGB+WW+W | 65<br>65  |
| SC-ML-15-RGBTW<br>SC-ML-15-RGBTW | 7.2W/M<br>2.19 W/FT | 24V<br>24 V | 120°<br>120° | RGB+WW+W<br>RGB+WW+W | 67<br>67  |



## 90 LEDs /M

| Model                            | Rated Watt          | DC Voltage  | Beam Angle   | Color                | IP Rating |
|----------------------------------|---------------------|-------------|--------------|----------------------|-----------|
| SC-ML-15-RGBTW<br>SC-ML-15-RGBTW | 9.6W/M<br>2.93 W/FT | 24V<br>24 V | 120°<br>120° | RGB+WW+W<br>RGB+WW+W | 20<br>20  |
| SC-ML-15-RGBTW<br>SC-ML-15-RGBTW | 9.6W/M<br>2.93 W/FT | 24V<br>24 V | 120°<br>120° | RGB+WW+W<br>RGB+WW+W | 64<br>64  |
| SC-ML-15-RGBTW<br>SC-ML-15-RGBTW | 9.6W/M<br>2.93 W/FT | 24V<br>24 V | 120°<br>120° | RGB+WW+W<br>RGB+WW+W | 65<br>65  |
| SC-ML-15-RGBTW<br>SC-ML-15-RGBTW | 9.6W/M<br>2.93 W/FT | 24V<br>24 V | 120°<br>120° | RGB+WW+W<br>RGB+WW+W | 65<br>65  |
| SC-ML-15-RGBTW<br>SC-ML-15-RGBTW | 9.6W/M<br>2.93 W/FT | 24V<br>24 V | 120°<br>120° | RGB+WW+W<br>RGB+WW+W | 67<br>67  |



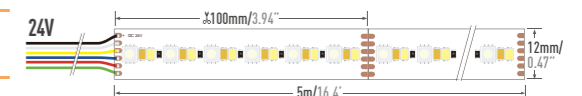
## 144 LEDs /M

| Model                            | Rated Watt           | DC Voltage  | Beam Angle   | Color                | IP Rating |
|----------------------------------|----------------------|-------------|--------------|----------------------|-----------|
| SC-ML-18-RGBTW<br>SC-ML-18-RGBTW | 14.4W/M<br>4.39 W/FT | 24V<br>24 V | 120°<br>120° | RGB+WW+W<br>RGB+WW+W | 20<br>20  |
| SC-ML-18-RGBTW<br>SC-ML-18-RGBTW | 14.4W/M<br>4.39 W/FT | 24V<br>24 V | 120°<br>120° | RGB+WW+W<br>RGB+WW+W | 64<br>64  |
| SC-ML-18-RGBTW<br>SC-ML-18-RGBTW | 14.4W/M<br>4.39 W/FT | 24V<br>24 V | 120°<br>120° | RGB+WW+W<br>RGB+WW+W | 65<br>65  |
| SC-ML-18-RGBTW<br>SC-ML-18-RGBTW | 14.4W/M<br>4.39 W/FT | 24V<br>24 V | 120°<br>120° | RGB+WW+W<br>RGB+WW+W | 65<br>65  |
| SC-ML-18-RGBTW<br>SC-ML-18-RGBTW | 14.4W/M<br>4.39 W/FT | 24V<br>24 V | 120°<br>120° | RGB+WW+W<br>RGB+WW+W | 67<br>67  |



## 180 LEDs /M

| Model                            | Rated Watt           | DC Voltage  | Beam Angle   | Color                | IP Rating |
|----------------------------------|----------------------|-------------|--------------|----------------------|-----------|
| SC-ML-18-RGBTW<br>SC-ML-18-RGBTW | 16.8W/M<br>5.12 W/FT | 24V<br>24 V | 120°<br>120° | RGB+WW+W<br>RGB+WW+W | 20<br>20  |
| SC-ML-18-RGBTW<br>SC-ML-18-RGBTW | 16.8W/M<br>5.12 W/FT | 24V<br>24 V | 120°<br>120° | RGB+WW+W<br>RGB+WW+W | 64<br>64  |
| SC-ML-18-RGBTW<br>SC-ML-18-RGBTW | 16.8W/M<br>5.12 W/FT | 24V<br>24 V | 120°<br>120° | RGB+WW+W<br>RGB+WW+W | 65<br>65  |
| SC-ML-18-RGBTW<br>SC-ML-18-RGBTW | 16.8W/M<br>5.12 W/FT | 24V<br>24 V | 120°<br>120° | RGB+WW+W<br>RGB+WW+W | 65<br>65  |
| SC-ML-18-RGBTW<br>SC-ML-18-RGBTW | 16.8W/M<br>5.12 W/FT | 24V<br>24 V | 120°<br>120° | RGB+WW+W<br>RGB+WW+W | 67<br>67  |





**Built-in IC  
LED STRIP**

# Built-in IC Strip



Available colors



SMD Type & Constant Current: **1**  
 Input Voltage: **3**  
**SC-2835CC-60-24V**  
 SMD Quantity per Meter: **2**



- Running to 25Meters/82FT with one driver, no need to feed two ends
- Built-in IC for LED, no resistors
- Nice performance for designer
- Cuttable as normal LED strip



## 60 LEDs/M

| Model                        | Rated Watt         | DC Voltage  | Beam Angle   | CRI      | IP Rating |
|------------------------------|--------------------|-------------|--------------|----------|-----------|
| SC-2835CC-60<br>SC-2835CC-60 | 3.6W/M<br>1.1 W/FT | 24V<br>24 V | 120°<br>120° | 80<br>80 | 20<br>20  |

| Lumens               |                      |                      |
|----------------------|----------------------|----------------------|
| 360Lm/M<br>110 Lm/FT | 380Lm/M<br>116 Lm/FT | 400Lm/M<br>122 Lm/FT |

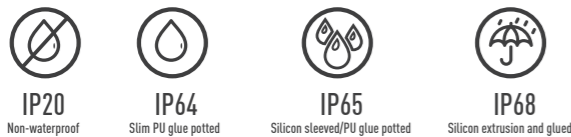
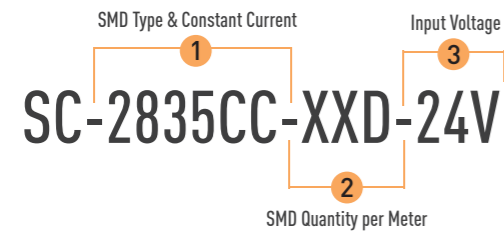


2835 Series  
 RGB Series  
 Built-in IC Series  
 2110 & 21016 Series  
 3014 Series  
 3528 Series  
 5050 Series  
 Special Strip  
 COB Strip  
 Neon Flex  
 Rigid Strip  
 Strip Kits

# Built-in IC Strip



Available colors

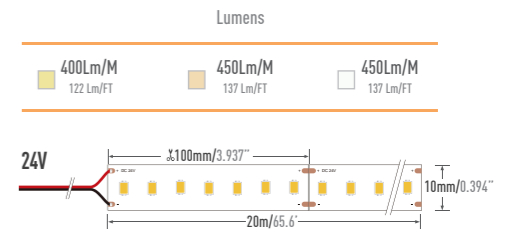


- 2835 capsulation size LEDs, SDCM<5
- 1oz copper foil thickness on the front, 2oz on the back, goog heat dissipation, low light decay, high lifespan
- High quality LEDs
- Build-in constant current IC, long cascade without voltage drop
- 8mm, 10mm or 12mm width PCB



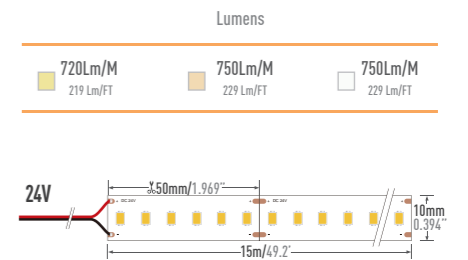
## 70 LEDs/M

| Model                  | Rated Watt       | DC Voltage  | Beam Angle   | CRI      | IP Rating | Lumens                                  |
|------------------------|------------------|-------------|--------------|----------|-----------|---|
| SC-2835CC<br>SC-2835CC | 4W/M<br>1.2 W/FT | 24V<br>24 V | 120°<br>120° | 90<br>90 | 20<br>20  | 1.1mm <sup>+</sup><br>0.04"  10mm/0.39" |
| SC-2835CC<br>SC-2835CC | 4W/M<br>1.2 W/FT | 24V<br>24 V | 120°<br>120° | 90<br>90 | 64<br>64  | 2.8mm<br>0.11"  10mm/0.39"              |
| SC-2835CC<br>SC-2835CC | 4W/M<br>1.2 W/FT | 24V<br>24 V | 120°<br>120° | 90<br>90 | 65<br>65  | 4.6mm<br>0.18"  12.5mm/0.49"            |
| SC-2835CC<br>SC-2835CC | 4W/M<br>1.2 W/FT | 24V<br>24 V | 120°<br>120° | 90<br>90 | 65<br>65  | 4mm<br>0.16"  12.5mm/0.49"              |
| SC-2835CC<br>SC-2835CC | 4W/M<br>1.2 W/FT | 24V<br>24 V | 120°<br>120° | 90<br>90 | 68<br>68  | 6.5mm<br>0.26"  14mm/0.55"              |



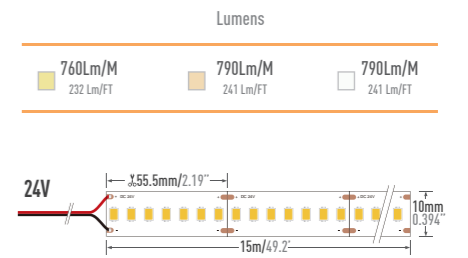
## 120 LEDs/M

| Model                  | Rated Watt       | DC Voltage  | Beam Angle   | CRI      | IP Rating | Lumens                                  |
|------------------------|------------------|-------------|--------------|----------|-----------|---|
| SC-2835CC<br>SC-2835CC | 8W/M<br>2.4 W/FT | 24V<br>24 V | 120°<br>120° | 90<br>90 | 20<br>20  | 1.1mm <sup>+</sup><br>0.04"  10mm/0.39" |
| SC-2835CC<br>SC-2835CC | 8W/M<br>2.4 W/FT | 24V<br>24 V | 120°<br>120° | 90<br>90 | 64<br>64  | 2.8mm<br>0.11"  10mm/0.39"              |
| SC-2835CC<br>SC-2835CC | 8W/M<br>2.4 W/FT | 24V<br>24 V | 120°<br>120° | 90<br>90 | 65<br>65  | 4.6mm<br>0.18"  12.5mm/0.49"            |
| SC-2835CC<br>SC-2835CC | 8W/M<br>2.4 W/FT | 24V<br>24 V | 120°<br>120° | 90<br>90 | 65<br>65  | 4mm<br>0.16"  12.5mm/0.49"              |
| SC-2835CC<br>SC-2835CC | 8W/M<br>2.4 W/FT | 24V<br>24 V | 120°<br>120° | 90<br>90 | 68<br>68  | 6.5mm<br>0.26"  14mm/0.55"              |



## 126 LEDs/M

| Model                  | Rated Watt       | DC Voltage  | Beam Angle   | CRI      | IP Rating | Lumens                                  |
|------------------------|------------------|-------------|--------------|----------|-----------|---|
| SC-2835CC<br>SC-2835CC | 7W/M<br>1.9 W/FT | 24V<br>24 V | 120°<br>120° | 90<br>90 | 20<br>20  | 1.1mm <sup>+</sup><br>0.04"  10mm/0.39" |
| SC-2835CC<br>SC-2835CC | 7W/M<br>1.9 W/FT | 24V<br>24 V | 120°<br>120° | 90<br>90 | 64<br>64  | 2.8mm<br>0.11"  10mm/0.39"              |
| SC-2835CC<br>SC-2835CC | 7W/M<br>1.9 W/FT | 24V<br>24 V | 120°<br>120° | 90<br>90 | 65<br>65  | 4.6mm<br>0.18"  12.5mm/0.49"            |
| SC-2835CC<br>SC-2835CC | 7W/M<br>1.9 W/FT | 24V<br>24 V | 120°<br>120° | 90<br>90 | 65<br>65  | 4mm<br>0.16"  12.5mm/0.49"              |
| SC-2835CC<br>SC-2835CC | 7W/M<br>1.9 W/FT | 24V<br>24 V | 120°<br>120° | 90<br>90 | 68<br>68  | 6.5mm<br>0.26"  14mm/0.55"              |





# 2110 LED STRIP



Hybrid Series | P73-74

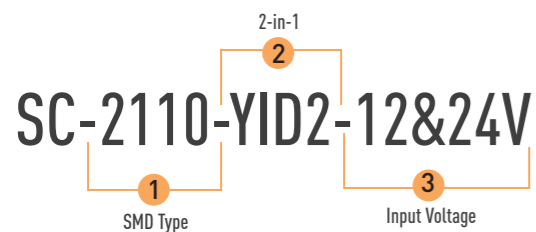
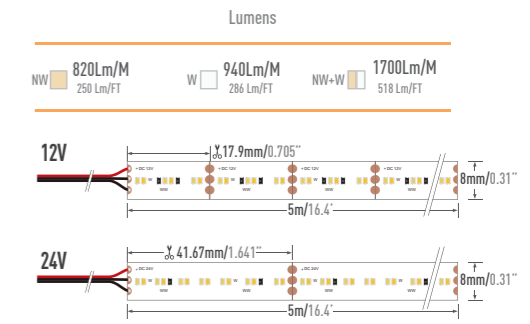
Classic Series | P75-76

# Hybrid Series



## 336 LEDs /M

|   | Model                          | Max. Watt        | DC Voltage        | Beam Angle   | CRI      | IP Rating |  |
|---|--------------------------------|------------------|-------------------|--------------|----------|-----------|--|
| ⊗ | SC-2110-YID2<br>SC-2110-YID2   | 23 W/M<br>7 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 20<br>20  | 1.4mm<br>0.06"  |
| ⊙ | SC-2110-YID2D<br>SC-2110-YID2D | 23 W/M<br>7 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 64<br>64  | 2.8mm<br>0.11"  |



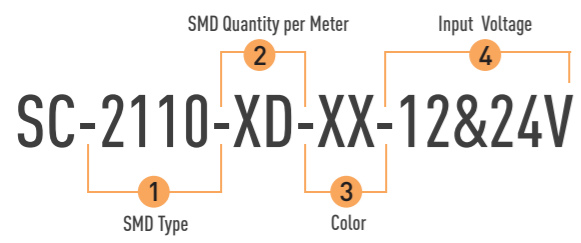
- 2110 assembled LEDs
- Delicate, high bright, highly reliable, rich in color, etc
- Can be cut to meet requirements of different length
- Equipped with many LEDs which are placed densely, thus having concentrated lighting effect and higher power



# Classic Series



Available colors  
 WW NW W

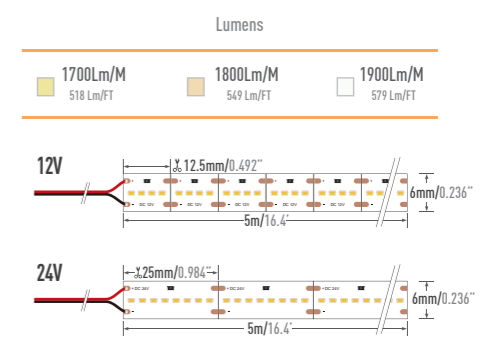


- Uniform design, up to 912 LEDs per meter
- High efficiency, CRI>90, max 110lm/w
- Stronger LED holder, random bending
- Unique protected PCB design
- No dots light, uniform effect, no need for a cover



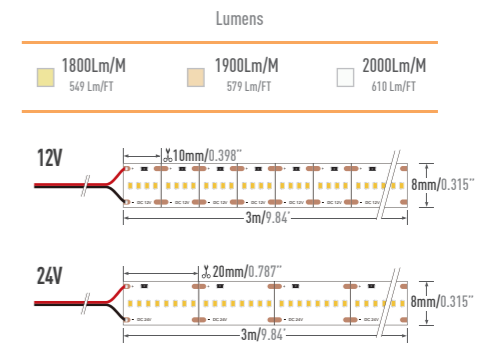
## 320 LEDs /M

| Model                        | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |  |
|------------------------------|---------------------|-------------------|--------------|----------|-----------|--|
| SC-2110-32D<br>SC-2110-32D   | 19.2W/M<br>5.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 20<br>20  |  |
| SC-2110D-32D<br>SC-2110D-32D | 19.2W/M<br>5.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 64<br>64  |  |



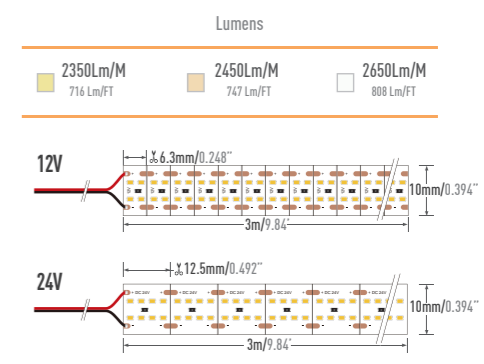
## 400 LEDs /M

| Model                      | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |  |
|----------------------------|---------------------|-------------------|--------------|----------|-----------|--|
| SC-2110-40D<br>SC-2110-40D | 20.0W/M<br>6.1 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 20<br>20  |  |



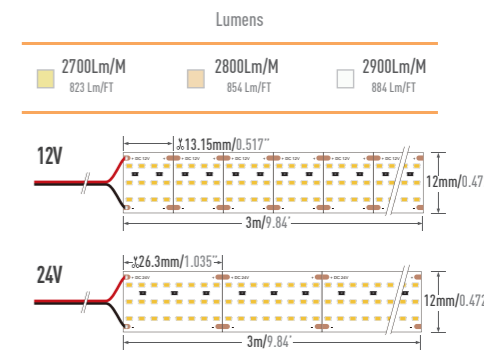
## 640 LEDs /M

| Model                      | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |  |
|----------------------------|---------------------|-------------------|--------------|----------|-----------|--|
| SC-2110-64D<br>SC-2110-64D | 24.0W/M<br>7.3 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 20<br>20  |  |



## 912 LEDs /M

| Model                      | Rated Watt           | DC Voltage        | Beam Angle   | CRI      | IP Rating |  |
|----------------------------|----------------------|-------------------|--------------|----------|-----------|--|
| SC-2110-912<br>SC-2110-912 | 28.8 W/M<br>8.8 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 20<br>20  |  |





# 2216 LED STRIP

Full Spectrum Series | P79-80

Classic Series | P81-88

Constant Current Series | P89-90

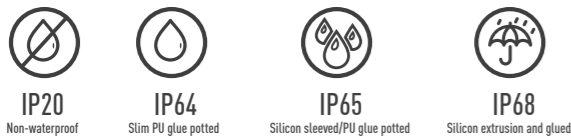


# Full Spectrum Series



Available colors  
 WW NW W

SMD Quantity per Meter: 2  
 Input Voltage: 4  
**SC-2216TM-XD-XX-12&24V**  
 SMD Type: 1  
 Color: 3

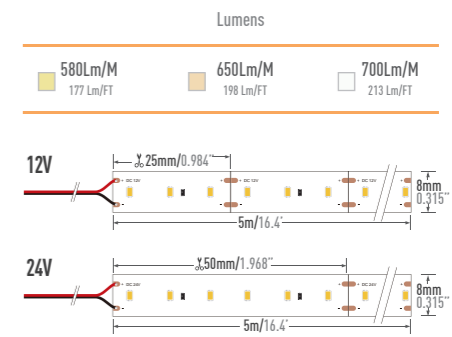


- 2216 Full Spectrum LEDs
- CRI>97, R1-R15>92
- Rf(color gamut), Rg(color fidelity) close to 100, high saturation, high reducibility
- Comply with TM-30-15 standard
- Applied in hospital lighting, fresh food area light, studio lighting, exhibition etc



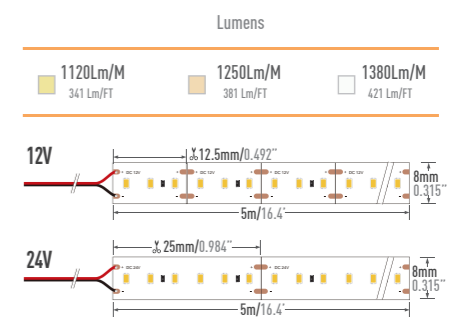
## 120 LEDs /M

| Model                                | Rated Watt         | DC Voltage        | Beam Angle   | CRI      | IP Rating |
|--------------------------------------|--------------------|-------------------|--------------|----------|-----------|
| SC-2216TM-12D<br>SC-2216TM-12D       | 9.6W/M<br>2.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 20<br>20  |
| SC-2216TMD-12D<br>SC-2216TMD-12D     | 9.6W/M<br>2.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 64<br>64  |
| SC-2216TMP-12D<br>SC-2216TMP-12D     | 9.6W/M<br>2.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 65<br>65  |
| SC-2216TMS-12D<br>SC-2216TMS-12D     | 9.6W/M<br>2.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 65<br>65  |
| SC-SF-2216TM-12D<br>SC-SF-2216TM-12D | 9.6W/M<br>2.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 68<br>68  |



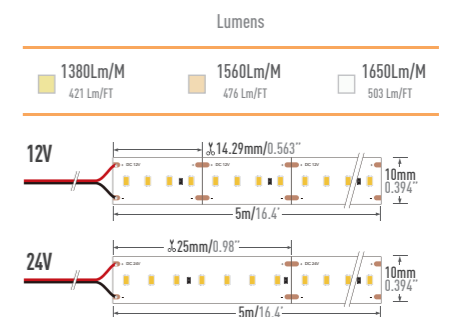
## 240 LEDs /M

| Model                            | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |
|----------------------------------|---------------------|-------------------|--------------|----------|-----------|
| SC-2216TM-24D<br>SC-2216TM-24D   | 19.2W/M<br>5.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 20<br>20  |
| SC-2216TMD-24D<br>SC-2216TMD-24D | 19.2W/M<br>5.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 64<br>64  |



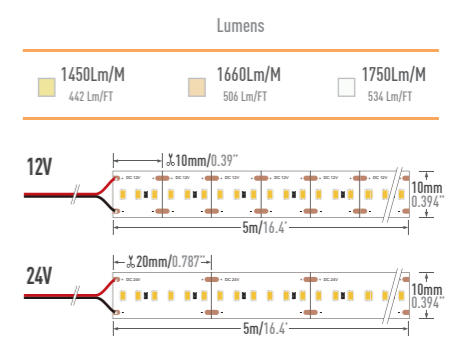
## 280 LEDs /M

| Model                          | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |
|--------------------------------|---------------------|-------------------|--------------|----------|-----------|
| SC-2216TM-28D<br>SC-2216TM-28D | 19.2W/M<br>5.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 20<br>20  |



## 300 LEDs /M

| Model                          | Rated Watt        | DC Voltage        | Beam Angle   | CRI      | IP Rating |
|--------------------------------|-------------------|-------------------|--------------|----------|-----------|
| SC-2216TM-30D<br>SC-2216TM-30D | 24W/M<br>7.3 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 20<br>20  |



# Classic Series



Available colors



SC-2216IB-XX-12&24V

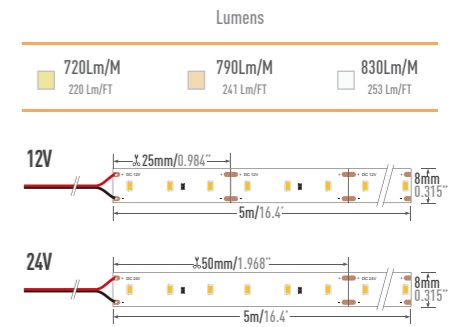
1 SMD Type      2 Color      4 Input Voltage

- 2216 assembled LEDs
- Uniform light, 120pcs per meter and 240 pcs per meter
- One bin for production
- High brightness and high density
- Unique and strong PCB design, can be bent for thousands of times



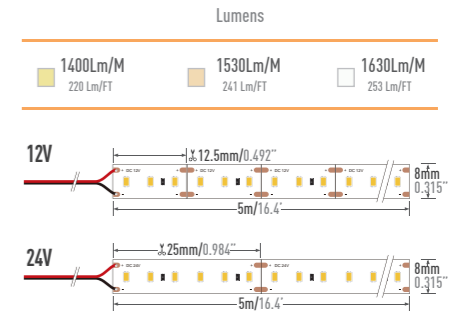
## 120 LEDs /M

| Model                              | Rated Watt         | DC Voltage        | Beam Angle   | CRI      | IP Rating |                             |
|------------------------------------|--------------------|-------------------|--------------|----------|-----------|-----------------------------|
| SC-2216IB-XX<br>SC-2216IB-XX       | 9.6W/M<br>2.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 20<br>20  | 0.9mm<br>0.04" [8mm/0.31"]  |
| SC-2216IBD-XX<br>SC-2216IBD-XX     | 9.6W/M<br>2.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 64<br>64  | 2.8mm<br>0.11" [8mm/0.31"]  |
| SC-2216IBP-XX<br>SC-2216IBP-XX     | 9.6W/M<br>2.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  | 4.3mm<br>0.16" [10mm/0.39"] |
| SC-2216IBS-XX<br>SC-2216IBS-XX     | 9.6W/M<br>2.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  | 4mm<br>0.15" [11mm/0.43"]   |
| SC-SF-2216IB-XX<br>SC-SF-2216IB-XX | 9.6W/M<br>2.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 68<br>68  | 6mm<br>0.23" [12mm/0.47"]   |



## 240 LEDs /M

| Model                            | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |                            |
|----------------------------------|---------------------|-------------------|--------------|----------|-----------|----------------------------|
| SC-2216IB-XX2<br>SC-2216IB-XX2   | 19.2W/M<br>5.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 20<br>20  | 0.9mm<br>0.04" [8mm/0.31"] |
| SC-2216IBD-XX2<br>SC-2216IBD-XX2 | 19.2W/M<br>5.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 64<br>64  | 2.8mm<br>0.11" [8mm/0.31"] |



# Classic Series

Single color



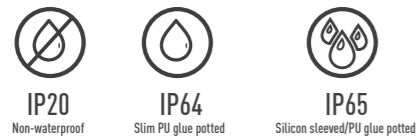
Available colors



SC-2216IB-XX-12&24V

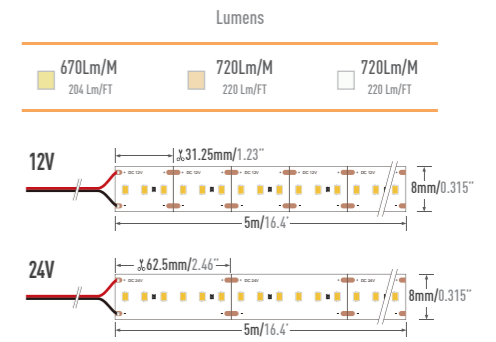
1 SMD Type      2 Color      4 Input Voltage

- 2216 capsulation size LEDs
- CRI90, low light decay, high lifespan
- High quality LEDs
- Unique back hollow PCB, high folding resistance
- Small size LED strip



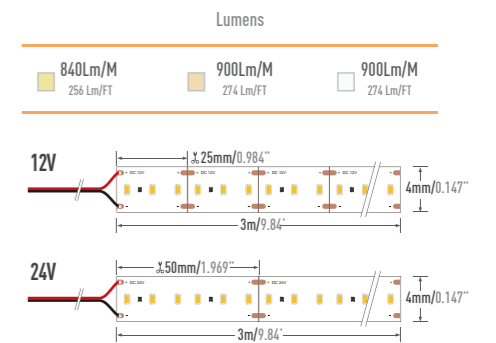
## 96 LEDs /M

| Model                          | Rated Watt         | DC Voltage        | Beam Angle   | CRI      | IP Rating |                             |
|--------------------------------|--------------------|-------------------|--------------|----------|-----------|-----------------------------|
| SC-2216IB-XX<br>SC-2216IB-XX   | 7.7W/M<br>2.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 20<br>20  | 0.9mm<br>0.04" [8mm/0.31"]  |
| SC-2216IBD-XX<br>SC-2216IBD-XX | 7.7W/M<br>2.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 64<br>64  | 2.8mm<br>0.11" [8mm/0.31"]  |
| SC-2216IBP-XX<br>SC-2216IBP-XX | 7.7W/M<br>2.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  | 4.3mm<br>0.16" [10mm/0.39"] |
| SC-2216IBS-XX<br>SC-2216IBS-XX | 7.7W/M<br>2.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  | 4mm<br>0.15" [11mm/0.43"]   |



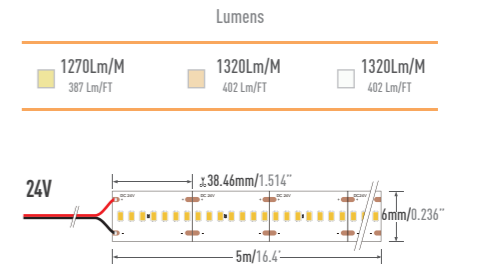
## 120 LEDs /M

| Model                        | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |                             |
|------------------------------|---------------------|-------------------|--------------|----------|-----------|-----------------------------|
| SC-2216IB-XX<br>SC-2216IB-XX | 9.6W/M<br>2.88 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 20<br>20  | 0.9mm<br>0.04" [4mm/0.147"] |



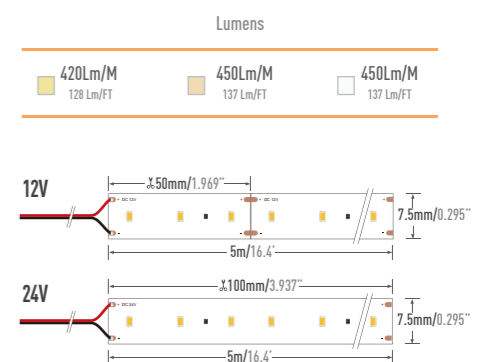
## 182LEDs /M

| Model                          | Rated Watt           | DC Voltage        | Beam Angle   | CRI      | IP Rating |                             |
|--------------------------------|----------------------|-------------------|--------------|----------|-----------|-----------------------------|
| SC-2216IB-XX<br>SC-2216IB-XX   | 12.5W/M<br>3.84 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 20<br>20  | 0.9mm<br>0.04" [6mm/0.236"] |
| SC-2216IBD-XX<br>SC-2216IBD-XX | 12.5W/M<br>3.84 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 64<br>64  | 2.8mm<br>0.11" [6mm/0.236"] |
| SC-2216IBP-XX<br>SC-2216IBP-XX | 12.5W/M<br>3.84 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  | 4.3mm<br>0.16" [8mm/0.31"]  |
| SC-2216IBS-XX<br>SC-2216IBS-XX | 12.5W/M<br>3.84 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  | 4mm<br>0.15" [8mm/0.31"]    |



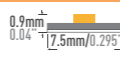
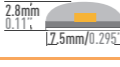
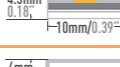
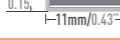
## 60LEDs /M

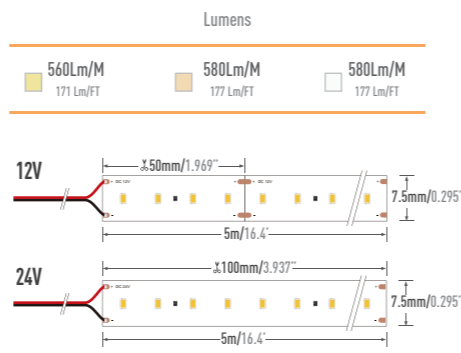
| Model                          | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |                               |
|--------------------------------|---------------------|-------------------|--------------|----------|-----------|-------------------------------|
| SC-2216IB-XX<br>SC-2216IB-XX   | 4.8W/M<br>1.44 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 20<br>20  | 0.9mm<br>0.04" [2.5mm/0.295"] |
| SC-2216IBD-XX<br>SC-2216IBD-XX | 4.8W/M<br>1.44 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 64<br>64  | 2.8mm<br>0.11" [2.5mm/0.295"] |
| SC-2216IBP-XX<br>SC-2216IBP-XX | 4.8W/M<br>1.44 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  | 4.3mm<br>0.16" [10mm/0.39"]   |
| SC-2216IBS-XX<br>SC-2216IBS-XX | 4.8W/M<br>1.44 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  | 4mm<br>0.15" [11mm/0.43"]     |



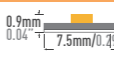
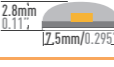
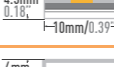

2835 Series  
RGB Series  
Built-in IC Series  
2110 & 21016 Series  
3014 Series  
3528 Series  
5050 Series  
Special Strip  
COB Strip  
Neon Flex  
Rigid Strip  
Strip Kits

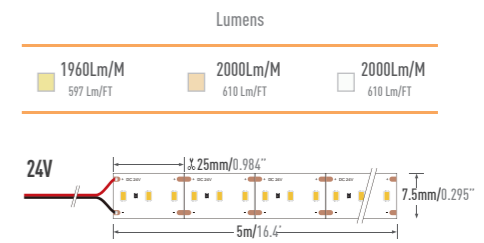
## 80 LEDs /M

| Model                          | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |   |
|--------------------------------|---------------------|-------------------|--------------|----------|-----------|---|
| SC-22161B-XX<br>SC-22161B-XX   | 4.8W/M<br>1.44 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 20<br>20  |  |
| SC-22161BD-XX<br>SC-22161BD-XX | 4.8W/M<br>1.44 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 64<br>64  |  |
| SC-22161BP-XX<br>SC-22161BP-XX | 4.8W/M<br>1.44 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  |  |
| SC-22161BS-XX<br>SC-22161BS-XX | 4.8W/M<br>1.44 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  |  |

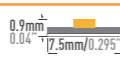
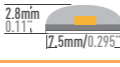




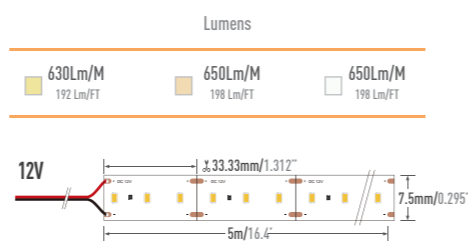
## 280LEDs /M

| Model                          | Rated Watt           | DC Voltage | Beam Angle   | CRI      | IP Rating |   |
|--------------------------------|----------------------|------------|--------------|----------|-----------|---|
| SC-22161B-XX<br>SC-22161B-XX   | 21.6W/M<br>5.76 W/FT | 24V<br>24V | 120°<br>120° | 90<br>90 | 20<br>20  |  |
| SC-22161BD-XX<br>SC-22161BD-XX | 21.6W/M<br>5.76 W/FT | 24V<br>24V | 120°<br>120° | 90<br>90 | 64<br>64  |  |
| SC-22161BP-XX<br>SC-22161BP-XX | 21.6W/M<br>5.76 W/FT | 24V<br>24V | 120°<br>120° | 90<br>90 | 65<br>65  |  |
| SC-22161BS-XX<br>SC-22161BS-XX | 21.6W/M<br>5.76 W/FT | 24V<br>24V | 120°<br>120° | 90<br>90 | 65<br>65  |  |

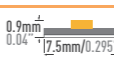
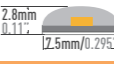




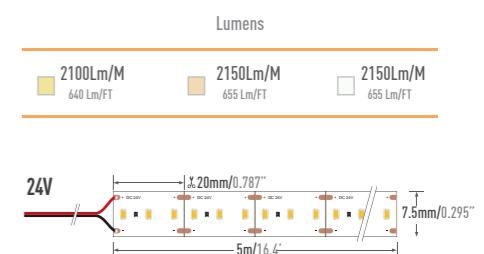
## 90LEDs /M

| Model                          | Rated Watt          | DC Voltage  | Beam Angle   | CRI      | IP Rating |  |
|--------------------------------|---------------------|-------------|--------------|----------|-----------|--|
| SC-22161B-XX<br>SC-22161B-XX   | 7.2W/M<br>2.16 W/FT | 12V<br>12 V | 120°<br>120° | 90<br>90 | 20<br>20  |   |
| SC-22161BD-XX<br>SC-22161BD-XX | 7.2W/M<br>2.16 W/FT | 12V<br>12V  | 120°<br>120° | 90<br>90 | 64<br>64  |   |
| SC-22161BP-XX<br>SC-22161BP-XX | 7.2W/M<br>2.16 W/FT | 12 V<br>12V | 120°<br>120° | 90<br>90 | 65<br>65  |   |
| SC-22161BS-XX<br>SC-22161BS-XX | 7.2W/M<br>2.16 W/FT | 12 V<br>12V | 120°<br>120° | 90<br>90 | 65<br>65  |  |

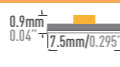
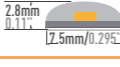
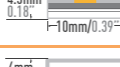



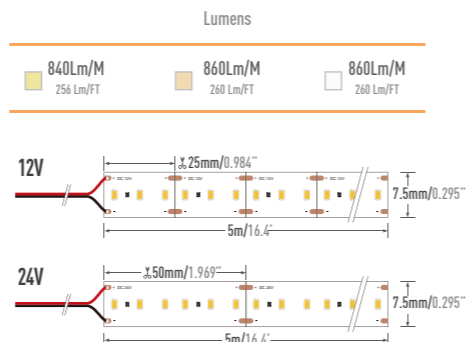
## 300 LEDs /M

| Model                          | Rated Watt        | DC Voltage | Beam Angle   | CRI      | IP Rating |  |
|--------------------------------|-------------------|------------|--------------|----------|-----------|--|
| SC-22161B-XX<br>SC-22161B-XX   | 24W/M<br>7.2 W/FT | 24V<br>24V | 120°<br>120° | 90<br>90 | 20<br>20  |   |
| SC-22161BD-XX<br>SC-22161BD-XX | 24W/M<br>7.2 W/FT | 24V<br>24V | 120°<br>120° | 90<br>90 | 64<br>64  |   |
| SC-22161BP-XX<br>SC-22161BP-XX | 24W/M<br>7.2 W/FT | 24V<br>24V | 120°<br>120° | 90<br>90 | 65<br>65  |   |
| SC-22161BS-XX<br>SC-22161BS-XX | 24W/M<br>7.2 W/FT | 24V<br>24V | 120°<br>120° | 90<br>90 | 65<br>65  |  |

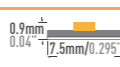
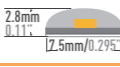




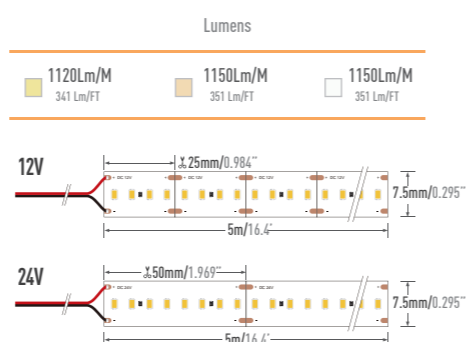
## 120LEDs /M

| Model                          | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |   |
|--------------------------------|---------------------|-------------------|--------------|----------|-----------|---|
| SC-22161B-XX<br>SC-22161B-XX   | 9.6W/M<br>2.88 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 20<br>20  |  |
| SC-22161BD-XX<br>SC-22161BD-XX | 9.6W/M<br>2.88 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 64<br>64  |  |
| SC-22161BP-XX<br>SC-22161BP-XX | 9.6W/M<br>2.88 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  |  |
| SC-22161BS-XX<br>SC-22161BS-XX | 9.6W/M<br>2.88 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  |  |



## 160LEDs /M

| Model                          | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |   |
|--------------------------------|---------------------|-------------------|--------------|----------|-----------|---|
| SC-22161B-XX<br>SC-22161B-XX   | 9.6W/M<br>2.88 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 20<br>20  |  |
| SC-22161BD-XX<br>SC-22161BD-XX | 9.6W/M<br>2.88 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 64<br>64  |  |
| SC-22161BP-XX<br>SC-22161BP-XX | 9.6W/M<br>2.88 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  |  |
| SC-22161BS-XX<br>SC-22161BS-XX | 9.6W/M<br>2.88 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  |  |



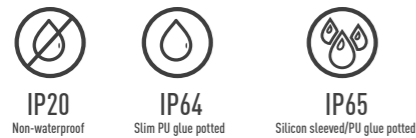
# Classic Series

WW+W



SC-2216IB-XX-12&24V

1 SMD Type      2 Color      4 Input Voltage

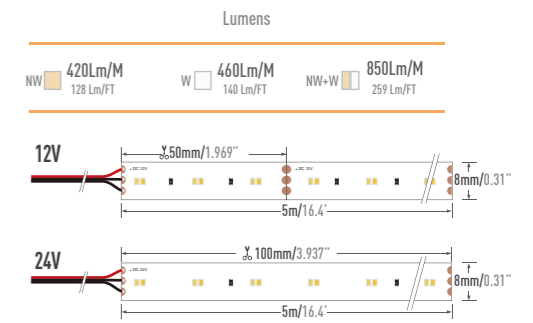


- 2216 capsulation size LEDs
- CRI90, low light decay, high lifespan
- High quality LEDs
- Unique back hollow PCB, high folding resistance
- Small size LED strip
- CCT adjustable



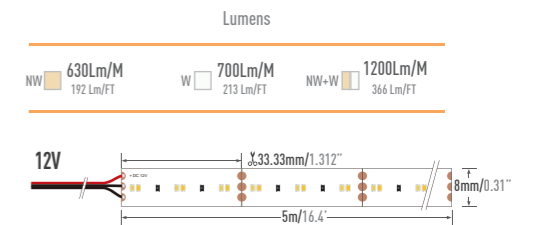
## 120 LEDs /M

|   | Model                            | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |                             |
|---|----------------------------------|---------------------|-------------------|--------------|----------|-----------|-----------------------------|
| ⊗ | SC-2216IB-WW+W<br>SC-2216IB-WW+W | 9.6W/M<br>2.88 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 20<br>20  | 0.9mm<br>0.04" [8mm/0.31"]  |
| ⊙ | SC-2216IB-WW+W<br>SC-2216IB-WW+W | 9.6W/M<br>2.88 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 64<br>64  | 2.8mm<br>0.11" [8mm/0.31"]  |
| ⊕ | SC-2216IB-WW+W<br>SC-2216IB-WW+W | 9.6W/M<br>2.88 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  | 4.3mm<br>0.18" [10mm/0.39"] |
| ⊕ | SC-2216IB-WW+W<br>SC-2216IB-WW+W | 9.6W/M<br>2.88 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  | 4mm<br>0.15" [11mm/0.43"]   |



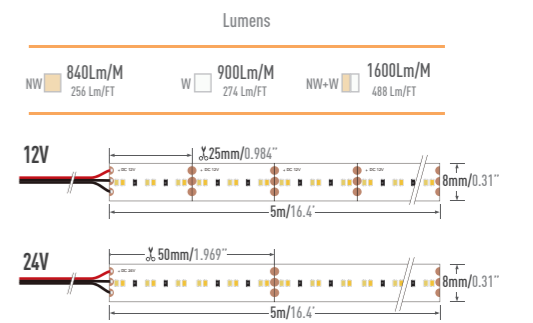
## 180 LEDs /M

|   | Model                            | Rated Watt           | DC Voltage  | Beam Angle   | CRI      | IP Rating |                             |
|---|----------------------------------|----------------------|-------------|--------------|----------|-----------|-----------------------------|
| ⊗ | SC-2216IB-WW+W<br>SC-2216IB-WW+W | 14.4W/M<br>4.32 W/FT | 12V<br>12 V | 120°<br>120° | 90<br>90 | 20<br>20  | 0.9mm<br>0.04" [8mm/0.31"]  |
| ⊙ | SC-2216IB-WW+W<br>SC-2216IB-WW+W | 14.4W/M<br>4.32 W/FT | 12V<br>12 V | 120°<br>120° | 90<br>90 | 64<br>64  | 2.8mm<br>0.11" [8mm/0.31"]  |
| ⊕ | SC-2216IB-WW+W<br>SC-2216IB-WW+W | 14.4W/M<br>4.32 W/FT | 12V<br>12 V | 120°<br>120° | 90<br>90 | 65<br>65  | 4.3mm<br>0.18" [10mm/0.39"] |
| ⊕ | SC-2216IB-WW+W<br>SC-2216IB-WW+W | 14.4W/M<br>4.32 W/FT | 12V<br>12 V | 120°<br>120° | 90<br>90 | 65<br>65  | 4mm<br>0.15" [11mm/0.43"]   |



## 240 LEDs /M

|   | Model                            | Rated Watt           | DC Voltage        | Beam Angle   | CRI      | IP Rating |                             |
|---|----------------------------------|----------------------|-------------------|--------------|----------|-----------|-----------------------------|
| ⊗ | SC-2216IB-WW+W<br>SC-2216IB-WW+W | 19.2W/M<br>5.76 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 20<br>20  | 0.9mm<br>0.04" [8mm/0.31"]  |
| ⊙ | SC-2216IB-WW+W<br>SC-2216IB-WW+W | 19.2W/M<br>5.76 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 64<br>64  | 2.8mm<br>0.11" [8mm/0.31"]  |
| ⊕ | SC-2216IB-WW+W<br>SC-2216IB-WW+W | 19.2W/M<br>5.76 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  | 4.3mm<br>0.18" [10mm/0.39"] |
| ⊕ | SC-2216IB-WW+W<br>SC-2216IB-WW+W | 19.2W/M<br>5.76 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  | 4mm<br>0.15" [11mm/0.43"]   |



2835 Series  
RGB Series  
Built-in IC Series  
2110 & 21016 Series  
3014 Series  
3528 Series  
5050 Series  
Special Strip  
COB Strip  
Neon Flex  
Rigid Strip  
Strip Kits

# Constant Current Series NEW



Available colors



Number of LEDs per Group: 2  
 Input Voltage: 24V  
 SMD Type: XD  
 Color: XW  
 HL

**SC-2216-XD-XW-24V-HL**



IP20  
Non-waterproof



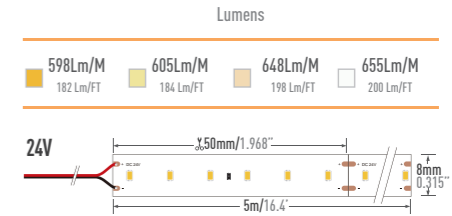
IP65  
Silicon sleeved/PU glue potted

- Same brightness from head to the end for the whole 15M strip, with a single driver run
- LEDs work in constant current environment, longer lifespan
- 120LEDs/m, 240LEDs/m optional
- LEDs with one BIN system, consistent color, also Ra 90/95 for choice



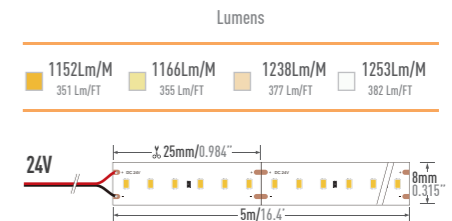
## 120 LEDs /M

| Model                        | Rated Watt          | DC Voltage  | Beam Angle   | CRI      | IP Rating | 0.9mm<br>0.04" [8mm/0.31"] |
|------------------------------|---------------------|-------------|--------------|----------|-----------|----------------------------|
| SC-2216-120D<br>SC-2216-120D | 7.2W/M<br>2.19 W/FT | 24V<br>24 V | 120°<br>120° | 90<br>90 | 20<br>20  |                            |



## 240 LEDs /M

| Model                       | Rated Watt           | DC Voltage  | Beam Angle   | CRI      | IP Rating | 0.9mm<br>0.04" [8mm/0.31"] |
|-----------------------------|----------------------|-------------|--------------|----------|-----------|----------------------------|
| SC-2216-240D<br>SC-2216-240 | 14.4W/M<br>4.39 W/FT | 24V<br>24 V | 120°<br>120° | 90<br>90 | 20<br>20  |                            |





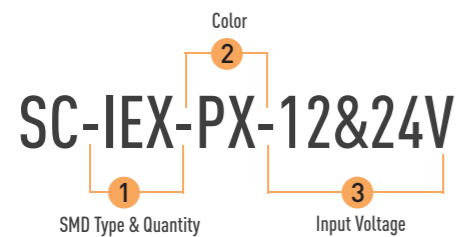
# 3014 LED STRIP

- 140LM/W Series | P93-94
- SDCM<3 Series | P95-96
- Classic Series | P97-98
- BS Series | P99-102

# 140LM/W Series



Available colors

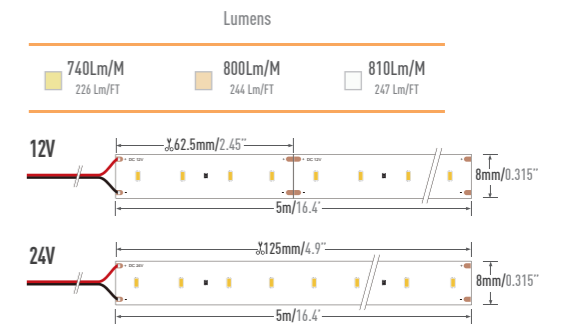


- 140lm/w high efficiency strip
- Cut 4pcs LEDs for 12V DC, cut 8pcs LED s for 24V DV
- Double layer pure copor 3oz PCB
- 3M VHB adhesive tape for easy installation (IE3 with 3M 300LSE tape)
- High brightness 3014 type LED, 120 degree
- Standard 5M on reel for IE and IE2, 3M on reel for IE3
- IE3 series should work with aluminium profile



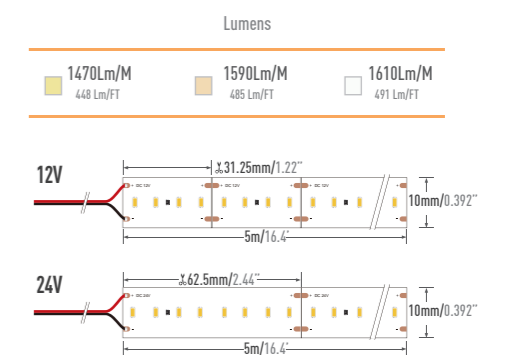
## 64 LEDs /M

| Model                      | Rated Watt          | DC Voltage        | Beam Angle   | CRI            | IP Rating |
|----------------------------|---------------------|-------------------|--------------|----------------|-----------|
| SC-IE-PX<br>SC-IE-PX       | 5.8W/M<br>1.77 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  |
| SC-IE2-PX<br>SC-IE2-PX     | 5.8W/M<br>1.77 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 64<br>64  |
| SC-IEP-PX<br>SC-IEP-PX     | 5.8W/M<br>1.77 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  |
| SC-IES-PX<br>SC-IES-PX     | 5.8W/M<br>1.77 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  |
| SC-SF-IE-PX<br>SC-SF-IE-PX | 5.8W/M<br>1.77 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 68<br>68  |



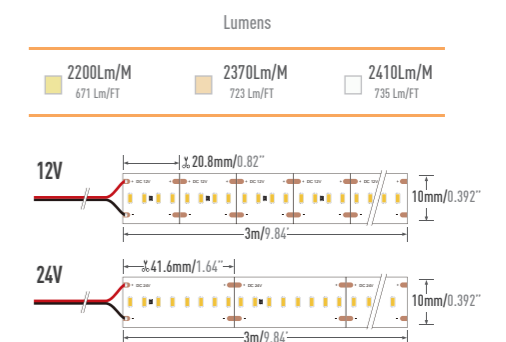
## 128 LEDs /M

| Model                        | Rated Watt          | DC Voltage        | Beam Angle   | CRI            | IP Rating |
|------------------------------|---------------------|-------------------|--------------|----------------|-----------|
| SC-IE2-PX<br>SC-IE2-PX       | 11.5W/M<br>3.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  |
| SC-IE22-PX<br>SC-IE22-PX     | 11.5W/M<br>3.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 64<br>64  |
| SC-IEP2-PX<br>SC-IEP2-PX     | 11.5W/M<br>3.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  |
| SC-IES2-PX<br>SC-IES2-PX     | 11.5W/M<br>3.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  |
| SC-SF-IE2-PX<br>SC-SF-IE2-PX | 11.5W/M<br>3.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 68<br>68  |



## 192 LEDs /M

| Model                    | Rated Watt           | DC Voltage        | Beam Angle   | CRI            | IP Rating |
|--------------------------|----------------------|-------------------|--------------|----------------|-----------|
| SC-IE3-PX<br>SC-IE3-PX   | 17.2W/M<br>5.24W/FT  | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  |
| SC-IE33-PX<br>SC-IE33-PX | 17.2W/M<br>5.24 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 64<br>64  |



2835 Series  
RGB Series  
Built-in IC Series  
2110 & 21016 Series  
3014 Series  
3528 Series  
5050 Series  
Special Strip  
COB Strip  
Neon Flex  
Rigid Strip  
Strip Kits



# SDCM<3 Series



Available colors



SC-3014SDX-XX-12&24V

1 SMD Type & SDCM-3 & SMD Quantity

2 Color

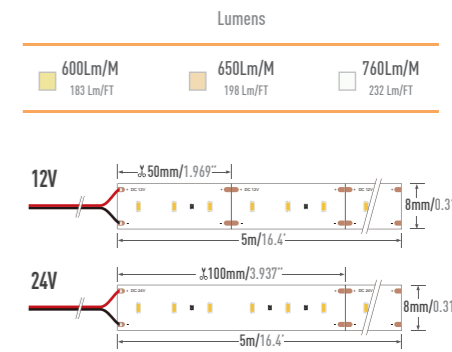
3 Input Voltage

- SDCM<3
- High power and high bright 3014LED
- Two-layer copper 3-ounce PCB boards
- The back of light bar is adhered with 3M tape to facilitate installation
- Standard 5m, on a reel for 3014SD, 3014SD2 and 3m on a reel for 3014SD3
- It is suggested that SD3 be installed in aluminum trough for use



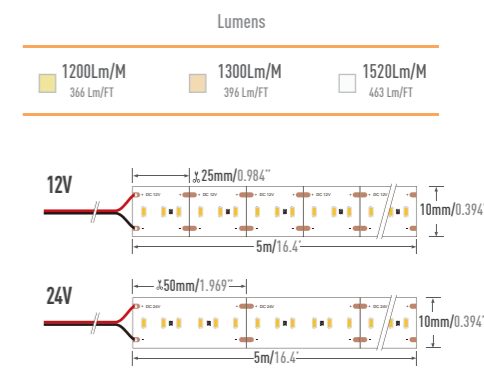
## 60 LEDs /M

| Model                        | Rated Watt         | DC Voltage        | Beam Angle   | CRI      | IP Rating |                              |
|------------------------------|--------------------|-------------------|--------------|----------|-----------|------------------------------|
| SC-3014SD<br>SC-3014SD       | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.5mm<br>0.06"<br>8mm/0.31"  |
| SC-3014SDD<br>SC-3014SDD     | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 64<br>64  | 2.8mm<br>0.11"<br>8mm/0.31"  |
| SC-3014SDS<br>SC-3014SDS     | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4.3mm<br>0.18"<br>10mm/0.39" |
| SC-3014SDP<br>SC-3014SDP     | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4mm<br>0.15"<br>11mm/0.43"   |
| SC-SF-3014SD<br>SC-SF-3014SD | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 68<br>68  | 6mm<br>0.23"<br>12mm/0.47"   |



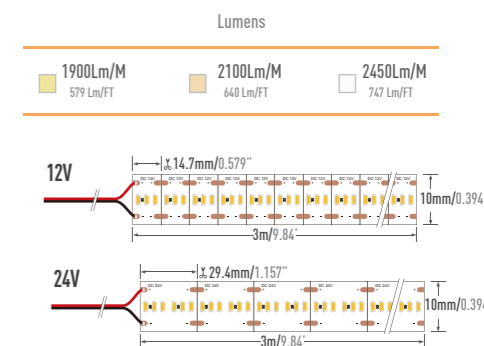
## 120 LEDs /M

| Model                          | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |                                |
|--------------------------------|---------------------|-------------------|--------------|----------|-----------|--------------------------------|
| SC-3014SD2<br>SC-3014SD2       | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.5mm<br>0.06"<br>10mm/0.39"   |
| SC-3014SDD2<br>SC-3014SDD2     | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 64<br>64  | 2.8mm<br>0.11"<br>10mm/0.39"   |
| SC-3014SDP2<br>SC-3014SDP2     | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4.6mm<br>0.18"<br>12.5mm/0.49" |
| SC-3014SDS2<br>SC-3014SDS2     | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4mm<br>0.16"<br>12.5mm/0.49"   |
| SC-SF-3014SD2<br>SC-SF-3014SD2 | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 68<br>68  | 6.5mm<br>0.26"<br>14mm/0.55"   |



## 204 LEDs /M

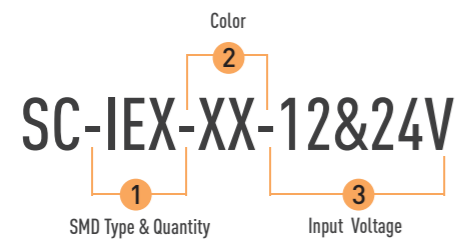
| Model                    | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |                              |
|--------------------------|---------------------|-------------------|--------------|----------|-----------|------------------------------|
| SC-3014SD3<br>SC-2835SD3 | 24.5W/M<br>7.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.5mm<br>0.06"<br>10mm/0.39" |
| SC-3014SDD3<br>SC-2835D3 | 24.5W/M<br>7.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 64<br>64  | 2.8mm<br>0.11"<br>10mm/0.39" |



# Classic Series



Available colors

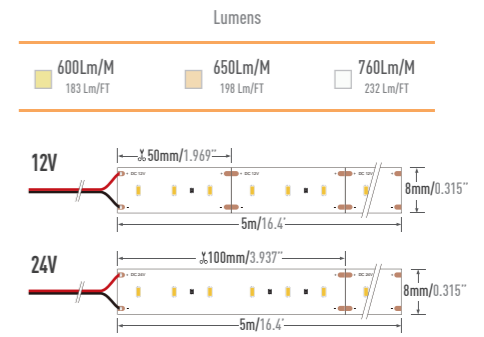


- High power and luminous strip
- Double layer pure copper 2oz PCB
- 3M VHB adhesive tape for easy installation (IE3 with 3M 300LSE tape)
- High brightness 3014 type LED; 120 degree
- Standard 5M on reel for IE and IE2, 3M on reel for IE3
- IE3 series should work with aluminium profile



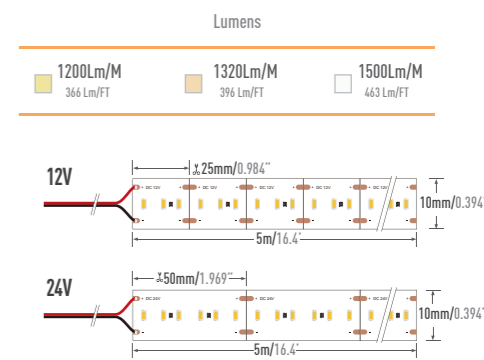
## 60 LEDs /M

| Model                | Rated Watt         | DC Voltage        | Beam Angle   | CRI            | IP Rating | Diagram |
|----------------------|--------------------|-------------------|--------------|----------------|-----------|---------|
| SC-IE<br>SC-IE       | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  |         |
| SC-IE2<br>SC-IE2     | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 64<br>64  |         |
| SC-IEP<br>SC-IEP     | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  |         |
| SC-IES<br>SC-IES     | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  |         |
| SC-SF-IE<br>SC-SF-IE | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 68<br>68  |         |



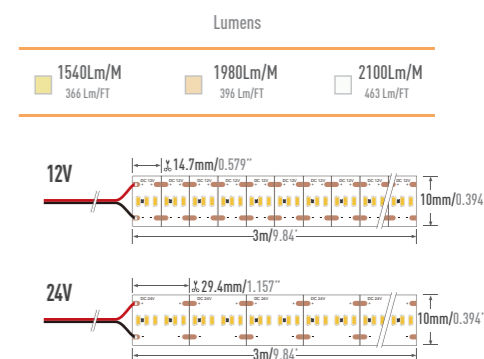
## 120 LEDs /M

| Model                  | Rated Watt          | DC Voltage        | Beam Angle   | CRI            | IP Rating | Diagram |
|------------------------|---------------------|-------------------|--------------|----------------|-----------|---------|
| SC-IE2<br>SC-IE2       | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  |         |
| SC-IE22<br>SC-IE22     | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 64<br>64  |         |
| SC-IEP2<br>SC-IEP2     | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  |         |
| SC-IES2<br>SC-IES2     | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  |         |
| SC-SF-IE2<br>SC-SF-IE2 | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 68<br>68  |         |



## 204 LEDs /M

| Model              | Rated Watt          | DC Voltage        | Beam Angle   | CRI            | IP Rating | Diagram |
|--------------------|---------------------|-------------------|--------------|----------------|-----------|---------|
| SC-IE3<br>SC-IE3   | 24.5W/M<br>7.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  |         |
| SC-IE33<br>SC-IE33 | 24.5W/M<br>7.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 64<br>64  |         |



# BS Series

Ordinary series



Available colors



SC-3014BS-XXD-XX-12&24V

1 SMD Type      2 SMD Quantity per Meter      3 Color      4 Input Voltage



IP20  
Non-waterproof



IP64  
Slim PU glue potted



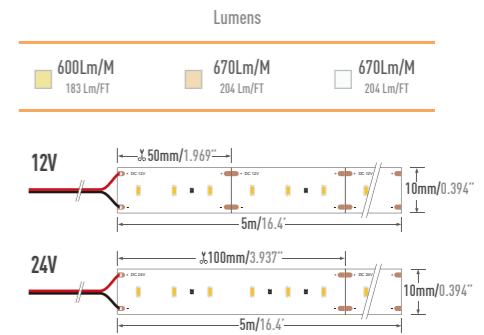
IP65  
Silicon sleeved/PU glue potted

- 3014 capsulation size LEDs, SDCM<3, high light color
- consistency
- 1oz copper foil thickness on the front, 1oz on the back, goog heat dissipation, low light decay, high lifespan
- High quality LEDs
- Unique back hollow PCB, high folding resistance



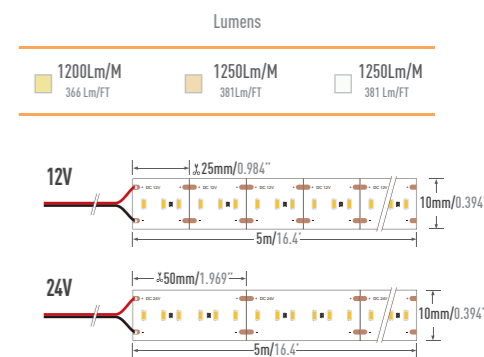
## 60 LEDs /M

| Model                  | Rated Watt         | DC Voltage        | Beam Angle   | CRI      | IP Rating | Diagram |
|------------------------|--------------------|-------------------|--------------|----------|-----------|---------|
| SC-3014BS<br>SC-3014BS | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 20<br>20  |         |
| SC-3014BS<br>SC-3014BS | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 64<br>64  |         |
| SC-3014BS<br>SC-3014BS | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  |         |
| SC-3014BS<br>SC-3014BS | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  |         |



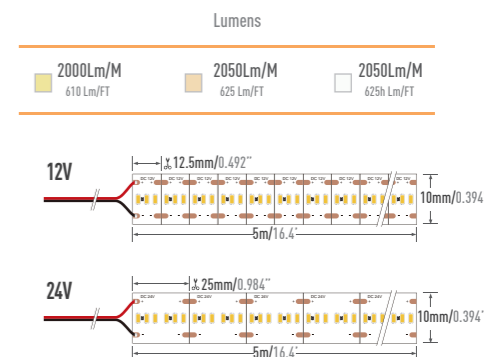
## 120 LEDs /M

| Model                  | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating | Diagram |
|------------------------|---------------------|-------------------|--------------|----------|-----------|---------|
| SC-3014BS<br>SC-3014BS | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 20<br>20  |         |
| SC-3014BS<br>SC-3014BS | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 64<br>64  |         |
| SC-3014BS<br>SC-3014BS | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  |         |
| SC-3014BS<br>SC-3014BS | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  |         |



## 240 LEDs /M

| Model                  | Rated Watt           | DC Voltage        | Beam Angle   | CRI      | IP Rating | Diagram |
|------------------------|----------------------|-------------------|--------------|----------|-----------|---------|
| SC-3014BS<br>SC-3014BS | 19.2W/M<br>5.76 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 20<br>20  |         |
| SC-3014BS<br>SC-3014BS | 19.2W/M<br>5.76 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 64<br>64  |         |
| SC-3014BS<br>SC-3014BS | 19.2W/M<br>5.76 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  |         |
| SC-3014BS<br>SC-3014BS | 19.2W/M<br>5.76 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  |         |



# BS Series

Highbright series



Available colors



SC-3014BS-XXD-XX-12&24V

1 SMD Type      2 SMD Quantity per Meter      3 Color      4 Input Voltage



IP20  
Non-waterproof



IP64  
Slim PU glue potted



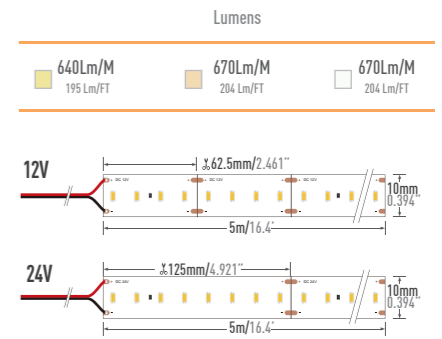
IP65  
Silicon sleeved/PU glue potted

- 3014 capsulation size LEDs, SDCM<3, high light color consistency
- 1oz copper foil thickness on the front, 1oz on the back, goog heat dissipation, low light decay, high lifespan
- High quality LEDs
- Unique back hollow PCB, high folding resistance
- 



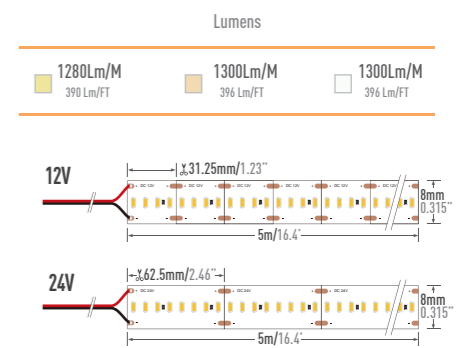
## 64 LEDs /M

| Model                  | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |                               |
|------------------------|---------------------|-------------------|--------------|----------|-----------|-------------------------------|
| SC-3014BS<br>SC-3014BS | 5.76W/M<br>1.8 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 20<br>20  | 1.5mm<br>0.06"   10mm/0.39"   |
| SC-3014BS<br>SC-3014BS | 5.76W/M<br>1.8 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 64<br>64  | 2.8mm<br>0.11"   10mm/0.39"   |
| SC-3014BS<br>SC-3014BS | 5.76W/M<br>1.8 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  | 4.6mm<br>0.18"   12.5mm/0.49" |
| SC-3014BS<br>SC-3014BS | 5.76W/M<br>1.8 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  | 4mm<br>0.16"   12.5mm/0.49"   |



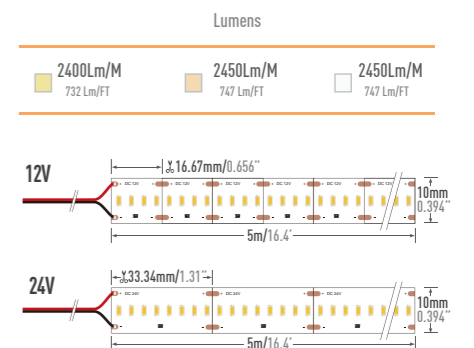
## 128 LEDs /M

| Model                  | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |                             |
|------------------------|---------------------|-------------------|--------------|----------|-----------|-----------------------------|
| SC-3014BS<br>SC-3014BS | 10.8W/M<br>3.6 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 20<br>20  | 1.5mm<br>0.06"   8mm/0.31"  |
| SC-3014BS<br>SC-3014BS | 10.8W/M<br>3.6 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 64<br>64  | 2.8mm<br>0.11"   8mm/0.31"  |
| SC-3014BS<br>SC-3014BS | 10.8W/M<br>3.6 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  | 4.3mm<br>0.18"   10mm/0.39" |
| SC-3014BS<br>SC-3014BS | 10.8W/M<br>3.6 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  | 4mm<br>0.16"   11mm/0.43"   |



## 240 LEDs /M

| Model                  | Rated Watt           | DC Voltage        | Beam Angle   | CRI      | IP Rating |                               |
|------------------------|----------------------|-------------------|--------------|----------|-----------|-------------------------------|
| SC-3014BS<br>SC-3014BS | 19.2W/M<br>5.76 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 20<br>20  | 1.5mm<br>0.06"   10mm/0.39"   |
| SC-3014BS<br>SC-3014BS | 19.2W/M<br>5.76 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 64<br>64  | 2.8mm<br>0.11"   10mm/0.39"   |
| SC-3014BS<br>SC-3014BS | 19.2W/M<br>5.76 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  | 4.6mm<br>0.18"   12.5mm/0.49" |
| SC-3014BS<br>SC-3014BS | 19.2W/M<br>5.76 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90<br>90 | 65<br>65  | 4mm<br>0.16"   12.5mm/0.49"   |



2835 Series  
RGB Series  
Built-in IC Series  
2110 & 21016 Series  
3014 Series  
3528 Series  
5050 Series  
Special Strip  
COB Strip  
Neon Flex  
Rigid Strip  
Strip Kits



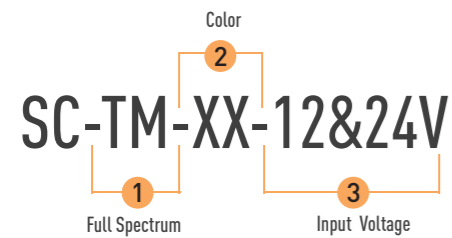
# 3528 LED STRIP

- Full Spectrum Series | P105-106
- CRI 90/95 Series | P107-108
- Classic Series | P109-110
- Constant Current Series | P111-112

# Full Spectrum Series



Available colors

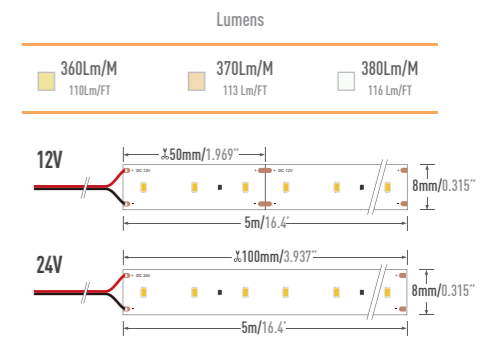


- Full spectrum
- 3528 assembled LEDs
- CRI>97, conform to TM-30-15 standard
- Rg >100, High saturation
- Rf is close to 100, high reducibility
- Can be cut to meet requirements of different length



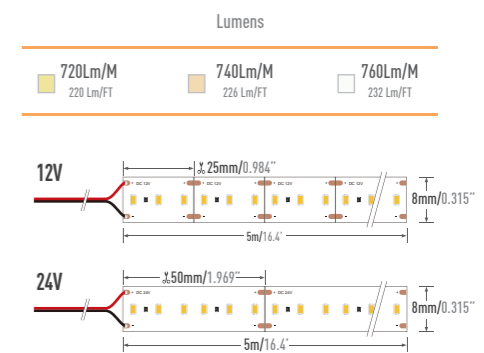
## 60 LEDs /M

| Model                      | Rated Watt         | DC Voltage        | Beam Angle   | CRI      | IP Rating |                              |
|----------------------------|--------------------|-------------------|--------------|----------|-----------|------------------------------|
| SC-TM-XX<br>SC-TM-XX       | 4.8W/M<br>1.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 20<br>20  | 2.2mm<br>0.09"<br>8mm/0.31"  |
| SC-TMD-XX<br>SC-TMD-XX     | 4.8W/M<br>1.5W/FT  | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 64<br>64  | 2.8mm<br>0.11"<br>8mm/0.31"  |
| SC-TMP-XX<br>SC-TMP-XX     | 4.8W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 65<br>65  | 4.3mm<br>0.18"<br>10mm/0.39" |
| SC-TMS-XX<br>SC-TMS-XX     | 4.8W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 65<br>65  | 4mm<br>0.15"<br>11mm/0.43"   |
| SC-SF-TM-XX<br>SC-SF-TM-XX | 4.8W/M<br>1.5W/FT  | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 68<br>68  | 6mm<br>0.23"<br>12mm/0.47"   |



## 120 LEDs /M

| Model                        | Rated Watt         | DC Voltage        | Beam Angle   | CRI      | IP Rating |                              |
|------------------------------|--------------------|-------------------|--------------|----------|-----------|------------------------------|
| SC-TM-XX2<br>SC-TM-XX2       | 9.6W/M<br>2.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 20<br>20  | 2.2mm<br>0.09"<br>8mm/0.31"  |
| SC-TMD-XX2<br>SC-TMD-XX2     | 9.6W/M<br>2.9W/FT  | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 64<br>64  | 2.8mm<br>0.11"<br>8mm/0.31"  |
| SC-TMP-XX2<br>SC-TMP-XX2     | 9.6W/M<br>2.9W/FT  | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 65<br>65  | 4.3mm<br>0.18"<br>10mm/0.39" |
| SC-TMS-XX2<br>SC-TMS-XX2     | 9.6W/M<br>2.9W/FT  | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 65<br>65  | 4mm<br>0.15"<br>11mm/0.43"   |
| SC-SF-TM-XX2<br>SC-SF-TM-XX2 | 9.6W/M<br>2.9W/FT  | 12/24V<br>12/24 V | 120°<br>120° | 97<br>97 | 68<br>68  | 6mm<br>0.23"<br>12mm/0.47"   |



# CRI 90/95 Series



Available colors



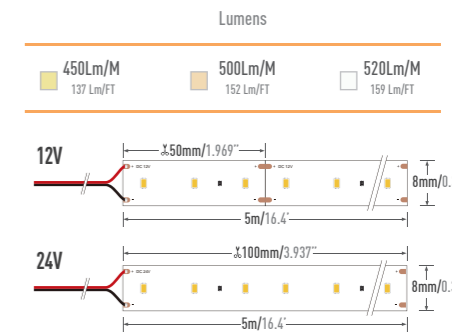
Color & CRI  
**SC-EP3528-XX/95-12&24V**  
 1 SMD Type      2      3 Input Voltage

- 3528 assembled LEDs
- High CRI, 90 or 95
- Epistar chips, big chips with high output
- 3M adhesive tape for easy installation
- 120 degree
- Standard 5M on reel



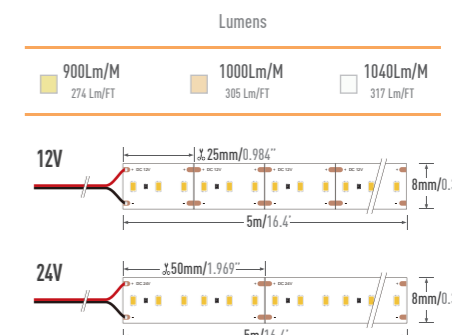
## 60 LEDs /M

| Model                                    | Rated Watt         | DC Voltage        | Beam Angle   | CRI            | IP Rating |                |
|--|--------------------|-------------------|--------------|----------------|-----------|----------------|
| SC-EP3528-XX/95<br>SC-EP3528-XX/95       | 4.8W/M<br>1.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 20<br>20  | 2.2mm<br>0.09" |
| SC-EPD3528-XX/95<br>SC-EPD3528-XX/95     | 4.8W/M<br>1.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 64<br>64  | 2.8mm<br>0.11" |
| SC-EPP3528-XX/95<br>SC-EPP3528-XX/95     | 4.8W/M<br>1.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 65<br>65  | 4.3mm<br>0.18" |
| SC-EPS3528-XX/95<br>SC-EPS3528-XX/95     | 4.8W/M<br>1.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 65<br>65  | 4mm<br>0.15"   |
| SC-SF-EP3528-XX/95<br>SC-SF-EP3528-XX/95 | 4.8W/M<br>1.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 68<br>68  | 6mm<br>0.23"   |



## 120 LEDs /M

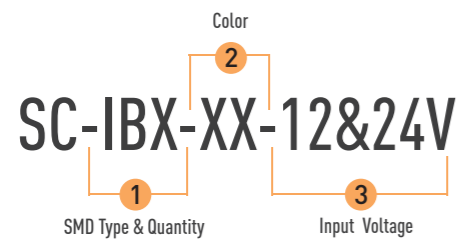
| Model                                      | Rated Watt         | DC Voltage        | Beam Angle   | CRI            | IP Rating |                |
|--|--------------------|-------------------|--------------|----------------|-----------|----------------|
| SC-EP3528-XX2/95<br>SC-EP3528-XX2/95       | 9.6W/M<br>2.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 20<br>20  | 2.2mm<br>0.09" |
| SC-EPD3528-XX2/95<br>SC-EPD3528-XX2/95     | 9.6W/M<br>2.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 64<br>64  | 2.8mm<br>0.11" |
| SC-EPP3528-XX2/95<br>SC-EPP3528-XX2/95     | 9.6W/M<br>2.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 65<br>65  | 4.3mm<br>0.18" |
| SC-EPS3528-XX2/95<br>SC-EPS3528-XX2/95     | 9.6W/M<br>2.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 65<br>65  | 4mm<br>0.15"   |
| SC-SF-EP3528-XX2/95<br>SC-SF-EP3528-XX2/95 | 9.6W/M<br>2.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 68<br>68  | 6mm<br>0.23"   |



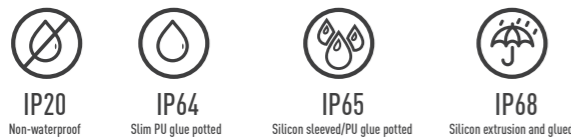
# Classic Series



Available colors

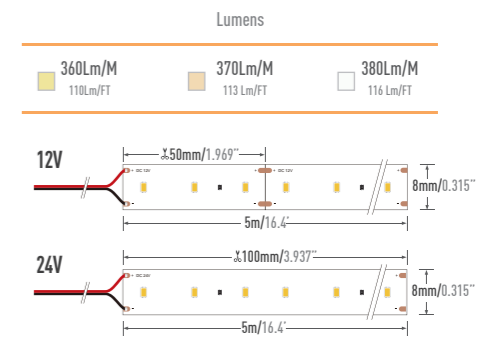


- Classic 3528 flexible strip
- Double layer pure copper PCB
- 3M adhesive tape for easy installation
- 120 degree
- Standard 5m on reel



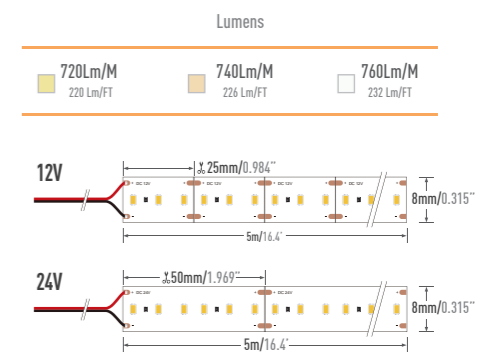
## 60 LEDs /M

| Model                      | Rated Watt         | DC Voltage        | Beam Angle   | CRI      | IP Rating |                              |
|----------------------------|--------------------|-------------------|--------------|----------|-----------|------------------------------|
| SC-IB2-X<br>SC-IB2-X       | 4.8W/M<br>1.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 2.2mm<br>0.09"<br>8mm/0.31"  |
| SC-IBD2-X<br>SC-IBD2-X     | 4.8W/M<br>1.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 64<br>64  | 2.8mm<br>0.11"<br>8mm/0.31"  |
| SC-IBP2-X<br>SC-IBP2-X     | 4.8W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4.3mm<br>0.18"<br>10mm/0.39" |
| SC-IBS2-X<br>SC-IBS2-X     | 4.8W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4mm<br>0.15"<br>11mm/0.43"   |
| SC-SF-IB2-X<br>SC-SF-IB2-X | 4.8W/M<br>1.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 68<br>68  | 6mm<br>0.23"<br>12mm/0.47"   |



## 120 LEDs /M

| Model                        | Rated Watt         | DC Voltage        | Beam Angle   | CRI      | IP Rating |                              |
|------------------------------|--------------------|-------------------|--------------|----------|-----------|------------------------------|
| SC-IB2-X2<br>SC-IB2-X2       | 9.6W/M<br>2.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 2.2mm<br>0.09"<br>8mm/0.31"  |
| SC-IBD2-X2<br>SC-IBD2-X2     | 9.6W/M<br>2.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 64<br>64  | 2.8mm<br>0.11"<br>8mm/0.31"  |
| SC-IBP2-X2<br>SC-IBP2-X2     | 9.6W/M<br>2.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4.3mm<br>0.18"<br>10mm/0.39" |
| SC-IBS2-X2<br>SC-IBS2-X2     | 9.6W/M<br>2.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4mm<br>0.15"<br>11mm/0.43"   |
| SC-SF-IB2-X2<br>SC-SF-IB2-X2 | 9.6W/M<br>2.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 68<br>68  | 6mm<br>0.23"<br>12mm/0.47"   |

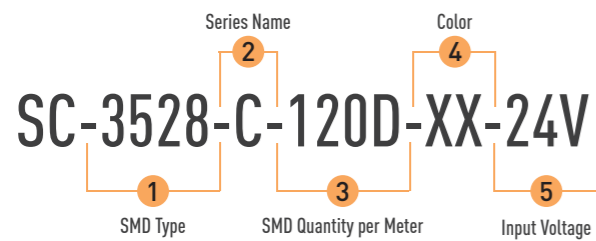




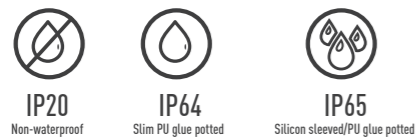
# Constant Current Series



Available colors

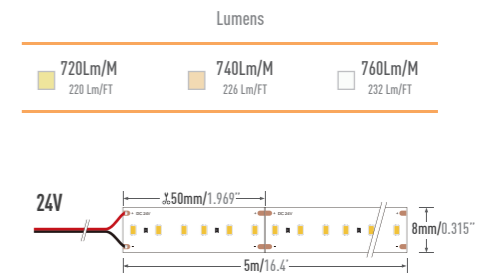


- Single-ended power supply, length up to 15 meters, 9.6w/m
- 1oz copper foil thickness on the front, 3oz on the back, good heat dissipation, low light decay, long lifespan
- High quality LEDs
- 8MM wide



## 120 LEDs /M

| Model                  | Rated Watt         | DC Voltage  | Beam Angle   | CRI            | IP Rating |                              |
|------------------------|--------------------|-------------|--------------|----------------|-----------|------------------------------|
| SC-3528-C<br>SC-3528-C | 9.6W/M<br>2.9 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  | 2.2mm<br>0.09" → 8mm/0.31" → |
| SC-3528-C<br>SC-3528-C | 9.6W/M<br>2.9W/FT  | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 64<br>64  | 2.8mm<br>0.11" → 8mm/0.31" → |
| SC-3528-C<br>SC-3528-C | 9.6W/M<br>2.9W/FT  | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  | 5mm<br>0.20" → 10mm/0.39" →  |
| SC-3528-C<br>SC-3528-C | 9.6W/M<br>2.9W/FT  | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  | 4mm<br>0.15" → 11mm/0.43" →  |



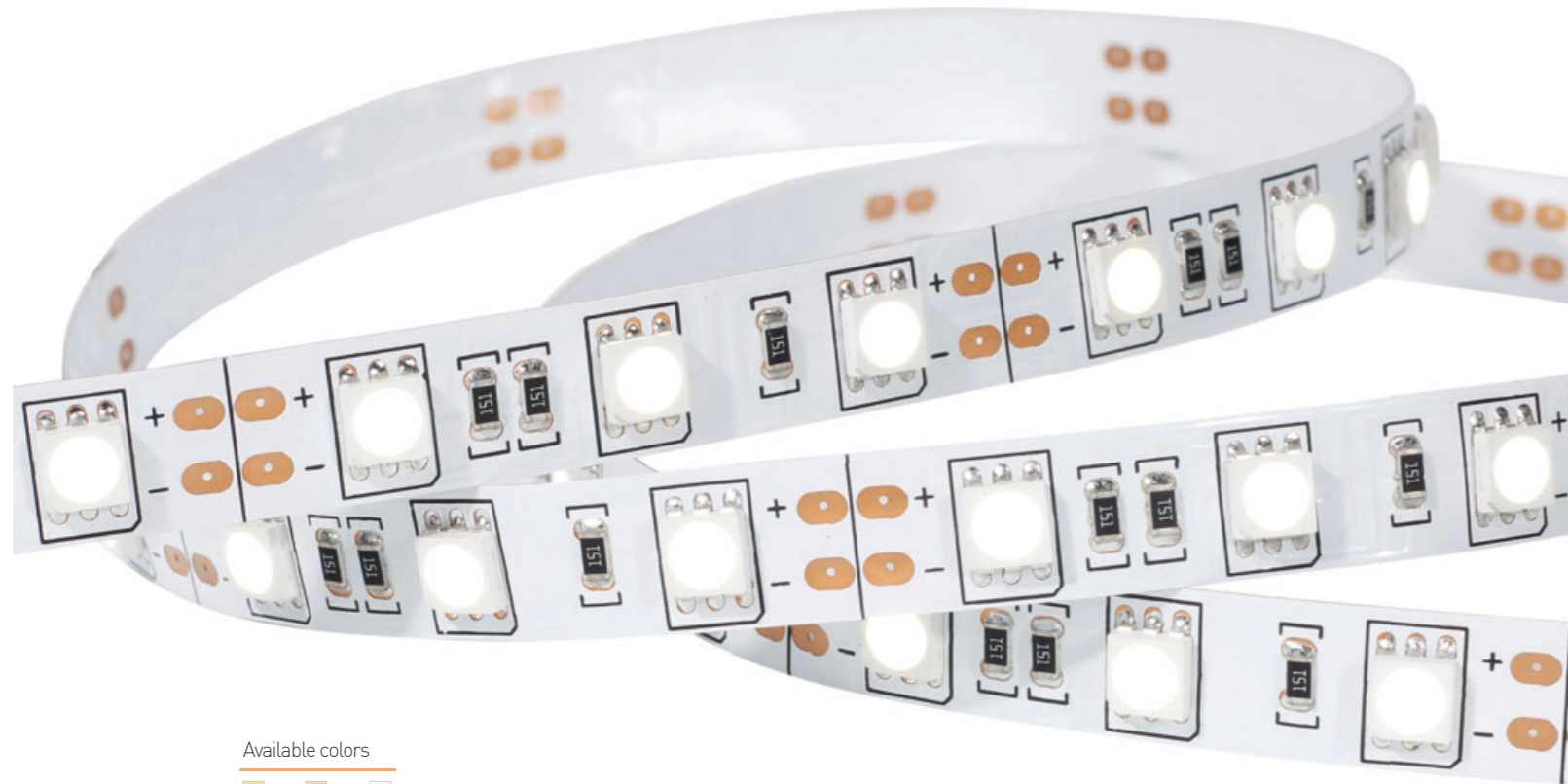


# 5050 LED STRIP

CRI 90/95 Series | P115-116

Classic Series | P117-118

# CRI 90/95 Series

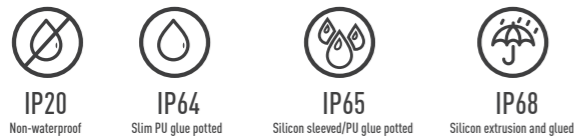


Available colors



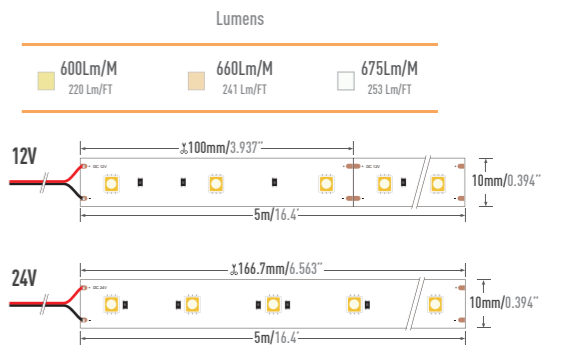
Color & CRI  
**SC-EP5050-XX/95-12&24V**  
 1 SMD Type      2      3 Input Voltage

- 5050 assembled LEDs
- High CRI, 90 or 95
- Epistar chips, big chips with high output
- 3M adhesive tape for easy installation
- 120 degree
- Standard 5M on reel



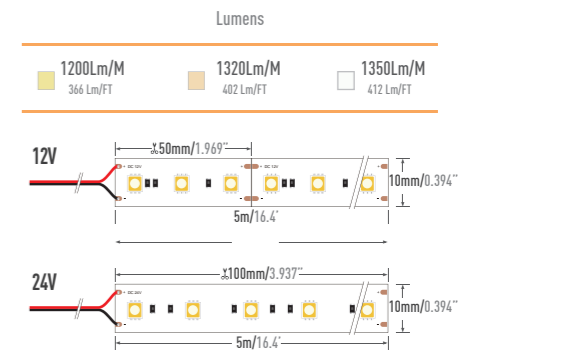
## 30 LEDs /M

| Model                                    | Rated Watt         | DC Voltage        | Beam Angle   | CRI            | IP Rating | Dimensions                     |
|--|--------------------|-------------------|--------------|----------------|-----------|--------------------------------|
| SC-EP5050-XX/95<br>SC-EP5050-XX/95       | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 20<br>20  | 2mm<br>0.08"<br>±10mm/0.39"    |
| SC-EPD5050-XX/95<br>SC-EPD5050-XX/95     | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 64<br>64  | 2.8mm<br>0.11"<br>±10mm/0.39"  |
| SC-EPP5050-XX/95<br>SC-EPP5050-XX/95     | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 65<br>65  | 4.6mm<br>0.18"<br>±2.5mm/0.49" |
| SC-EPS5050-XX/95<br>SC-EPS5050-XX/95     | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 65<br>65  | 4mm<br>0.16"<br>±2.5mm/0.49"   |
| SC-SF-EP5050-XX/95<br>SC-SF-EP5050-XX/95 | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 68<br>68  | 6.5mm<br>0.26"<br>±14mm/0.55"  |



## 60 LEDs /M

| Model                                      | Rated Watt          | DC Voltage        | Beam Angle   | CRI            | IP Rating | Dimensions                     |
|--|---------------------|-------------------|--------------|----------------|-----------|--------------------------------|
| SC-EP5050-XX2/95<br>SC-EP5050-XX2/95       | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 20<br>20  | 2mm<br>0.08"<br>±10mm/0.39"    |
| SC-EPD5050-XX2/95<br>SC-EPD5050-XX2/95     | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 64<br>64  | 2.8mm<br>0.11"<br>±10mm/0.39"  |
| SC-EPP5050-XX2/95<br>SC-EPP5050-XX2/95     | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 65<br>65  | 4.6mm<br>0.18"<br>±2.5mm/0.49" |
| SC-EPS5050-XX2/95<br>SC-EPS5050-XX2/95     | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 65<br>65  | 4mm<br>0.16"<br>±2.5mm/0.49"   |
| SC-SF-EP5050-XX2/95<br>SC-SF-EP5050-XX2/95 | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 90/95<br>90/95 | 68<br>68  | 6.5mm<br>0.26"<br>±14mm/0.55"  |

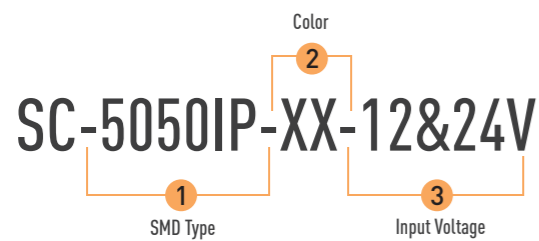


2835 Series  
 RGB Series  
 Built-in IC Series  
 2110 & 21016 Series  
 3014 Series  
 3528 Series  
 5050 Series  
 Special Strip  
 COB Strip  
 Neon Flex  
 Rigid Strip  
 Strip Kits

# Classic Series



Available colors

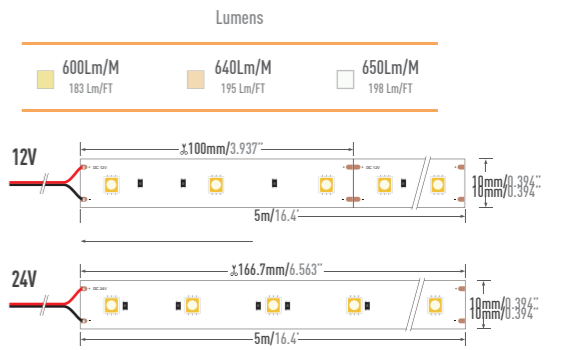


- Double layer pure copper PCB
- 3M adhesive tape for easy installation
- T or L type connectors for corner connection
- Max connection length is 10m/32.81FT, 120 degree
- Standard 5M on reel



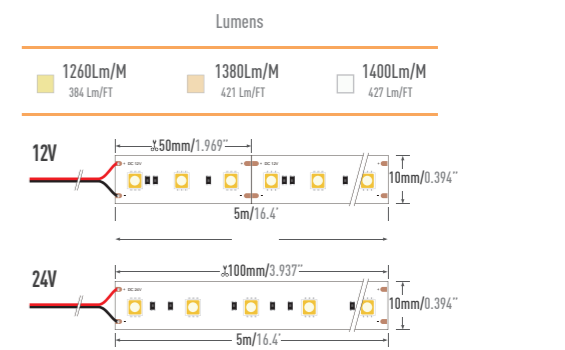
## 30 LEDs /M

| Model                              | Rated Watt         | DC Voltage        | Beam Angle   | CRI      | IP Rating |                                |
|------------------------------------|--------------------|-------------------|--------------|----------|-----------|--------------------------------|
| SC-5050IP-XX<br>SC-5050IP-X        | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 2mm<br>0.08"<br>10mm/0.39"     |
| SC-5050IPD-XX<br>SC-5050IPD-XX     | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 64<br>64  | 2.8mm<br>0.11"<br>10mm/0.39"   |
| SC-5050IPP-XX<br>SC-5050IPP-XX     | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4.6mm<br>0.18"<br>H2.5mm/0.49" |
| SC-5050IPS-XX<br>SC-5050IPS-XX     | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4mm<br>0.16"<br>H2.5mm/0.49"   |
| SC-SF-5050IP-XX<br>SC-SF-5050IP-XX | 7.2W/M<br>2.2 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 68<br>68  | 6.5mm<br>0.26"<br>14mm/0.55"   |



## 60 LEDs /M

| Model                                | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |                                |
|--------------------------------------|---------------------|-------------------|--------------|----------|-----------|--------------------------------|
| SC-5050IP-XX2<br>SC-5050IP-XX2       | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 2mm<br>0.08"<br>10mm/0.39"     |
| SC-5050IPD-XX2<br>SC-5050IPD-XX2     | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 64<br>64  | 2.8mm<br>0.11"<br>10mm/0.39"   |
| SC-5050IPP-XX2<br>SC-5050IPP-XX2     | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4.6mm<br>0.18"<br>H2.5mm/0.49" |
| SC-5050IPS-XX2<br>SC-5050IPS-XX2     | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 4mm<br>0.16"<br>H2.5mm/0.49"   |
| SC-SF-5050IP-XX2<br>SC-SF-5050IP-XX2 | 14.4W/M<br>4.4 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 68<br>68  | 6.5mm<br>0.26"<br>14mm/0.55"   |



2835 Series  
RGB Series  
Built-in IC Series  
2110 & 21016 Series  
3014 Series  
3528 Series  
5050 Series  
Special Strip  
COB Strip  
Neon Flex  
Rigid Strip  
Strip Kits



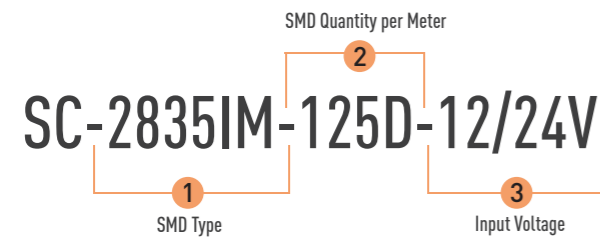
# SPECIAL LED STRIP

|                         |          |
|-------------------------|----------|
| Mini Cutting Series     | P121-122 |
| OLOC Series (SMD2835)   | P123-124 |
| OLOC Series (SMD2216)   | P125-126 |
| ENIG PCB Series         | P127-128 |
| S-type Series (SMD3528) | P129-130 |
| S-type Series (SMD2835) | P131-132 |
| Side-view Series        | P133-134 |
| Super Slim Series       | P135-136 |
| Adjustable Series       | P137-138 |
| Stepless Dimming Series | P139-140 |
| Sign Backlight Series   | P141-142 |
| 48V RGBW MAGIC Series   | P143-144 |

# Mini Cutting Series



Available colors

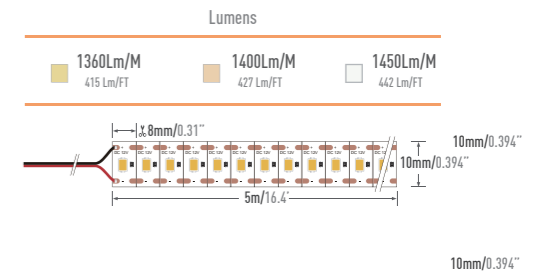


- Cut every one or two LEDs
- Short length can also meet customer needs
- 12V or 24V DC
- 2835 assembled LEDs



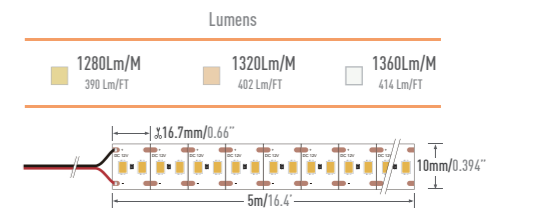
## 1 LED Cut

| Model                                    | Rated Watt         | DC Voltage | Beam Angle   | CRI      | IP Rating |
|--|--------------------|------------|--------------|----------|-----------|
| SC-2835IM-125D-12V<br>SC-2835IM-125D-12V | 15W/M<br>4.57 W/FT | 12V<br>12V | 120°<br>120° | 80<br>80 | 20<br>20  |



## 2 LEDs Cut

| Model                                    | Rated Watt           | DC Voltage | Beam Angle   | CRI      | IP Rating |
|--|----------------------|------------|--------------|----------|-----------|
| SC-2835IM-120D-24V<br>SC-2835IM-120D-24V | 14.4W/M<br>4.39 W/FT | 24V<br>24V | 120°<br>120° | 80<br>80 | 20<br>20  |

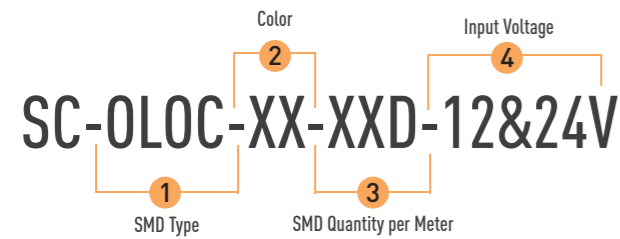


# OLOC Series

2835 Series



Available colors



- Optional cutting length, easy to match a variety of mounting sizes
- Can be widely used in indoor cabinet and exhibition hall lighting
- A variety of color temperature and power optional



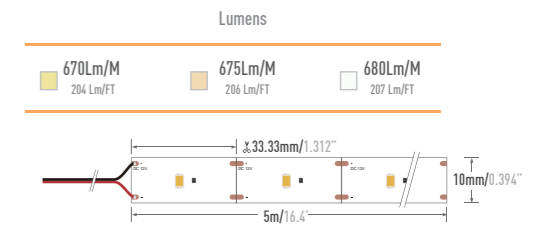
IP20  
Non-waterproof



## 30 LEDs /M

| Model              | Rated Watt       | DC Voltage        | Beam Angle   | CRI            | IP Rating |
|--------------------|------------------|-------------------|--------------|----------------|-----------|
| SC-OLOC<br>SC-OLOC | 6W/M<br>1.8 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  |

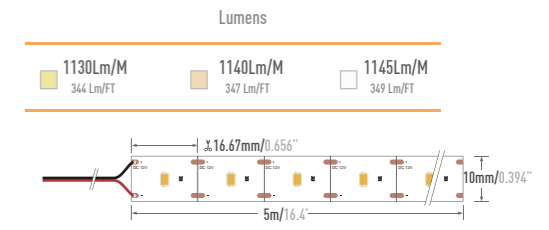
2.2mm  
0.09" ±10mm/0.394"



## 60 LEDs /M

| Model              | Rated Watt        | DC Voltage        | Beam Angle   | CRI            | IP Rating |
|--------------------|-------------------|-------------------|--------------|----------------|-----------|
| SC-OLOC<br>SC-OLOC | 10W/M<br>3.0 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  |

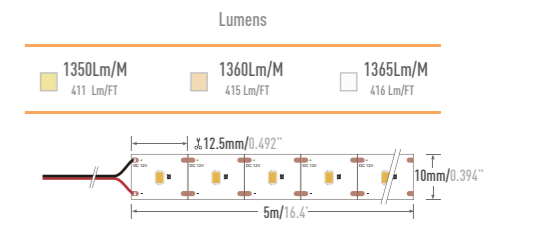
2.2mm  
0.09" ±10mm/0.394"



## 80 LEDs /M

| Model              | Rated Watt        | DC Voltage        | Beam Angle   | CRI            | IP Rating |
|--------------------|-------------------|-------------------|--------------|----------------|-----------|
| SC-OLOC<br>SC-OLOC | 12W/M<br>3.7 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  |

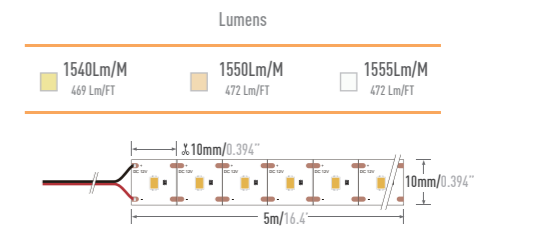
2.2mm  
0.09" ±10mm/0.394"



## 100 LEDs /M

| Model              | Rated Watt        | DC Voltage        | Beam Angle   | CRI            | IP Rating |
|--------------------|-------------------|-------------------|--------------|----------------|-----------|
| SC-OLOC<br>SC-OLOC | 14W/M<br>4.3 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  |

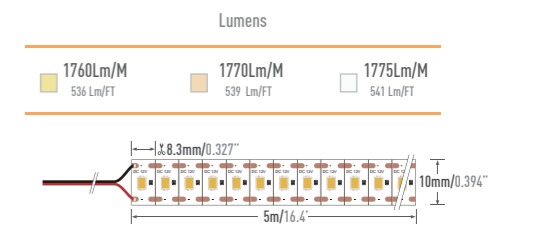
2.2mm  
0.09" ±10mm/0.394"



## 120 LEDs /M

| Model              | Rated Watt        | DC Voltage        | Beam Angle   | CRI            | IP Rating |
|--------------------|-------------------|-------------------|--------------|----------------|-----------|
| SC-OLOC<br>SC-OLOC | 16W/M<br>4.9 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  |

2.2mm  
0.09" ±10mm/0.394"



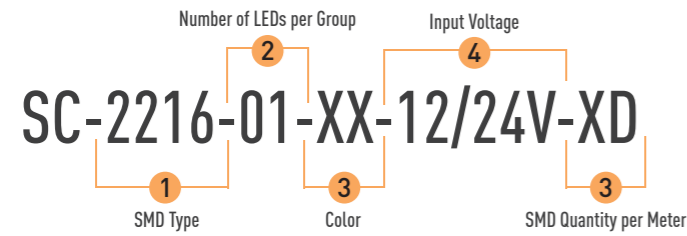
2835 Series  
RGB Series  
Built-in IC Series  
2110 & 21016 Series  
3014 Series  
3528 Series  
5050 Series  
Special Strip  
COB Strip  
Neon Flex  
Rigid Strip  
Strip Kits

# OLOC Series NEW

2216 Series



Available colors

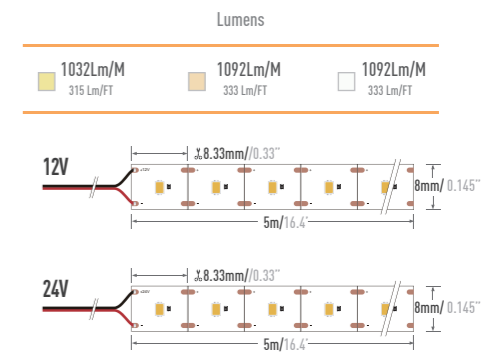


- Optional cutting length, easy to match a variety of mounting sizes
- Can be widely used in indoor cabinet and exhibition hall lighting
- A variety of color temperature and power optional



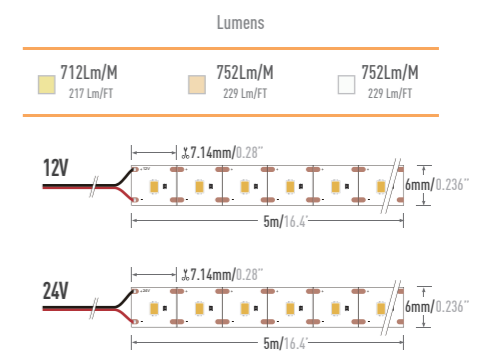
## 120 LEDs /M

| Model      | Rated Watt | DC Voltage | Beam Angle | CRI | IP Rating | Diagram |
|------------|------------|------------|------------|-----|-----------|---------|
| SC-2216-01 | 12W/M      | 12/24V     | 120°       | 90  | 20        |         |
| SC-2216-01 | 12W/M      | 12/24V     | 120°       | 90  | 64        |         |
| SC-2216-01 | 12W/M      | 12/24V     | 120°       | 90  | 65        |         |
| SC-2216-01 | 12W/M      | 12/24V     | 120°       | 90  | 65        |         |
| SC-2216-01 | 12W/M      | 12/24V     | 120°       | 90  | 68        |         |



## 140 LEDs /M

| Model      | Rated Watt | DC Voltage | Beam Angle | CRI | IP Rating | Diagram |
|------------|------------|------------|------------|-----|-----------|---------|
| SC-2216-01 | 8W/M       | 12/24V     | 120°       | 90  | 20        |         |
| SC-2216-01 | 8W/M       | 12/24V     | 120°       | 90  | 64        |         |
| SC-2216-01 | 8W/M       | 12/24V     | 120°       | 90  | 65        |         |
| SC-2216-01 | 8W/M       | 12/24V     | 120°       | 90  | 65        |         |





# ENIG PCB Series



Available colors



ENIG PCB & Color  
**SC-2835-GPXX-12&24V**  
 1 SMD Type      2      3 Input Voltage

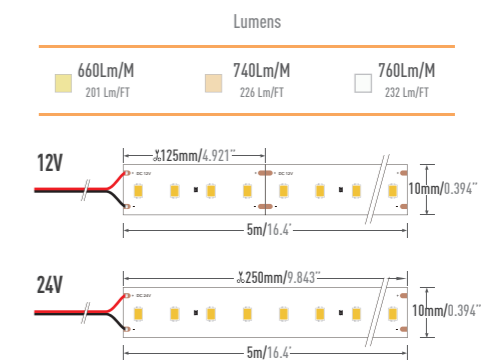


- PCB adopts ENIG technique
- Bonding pad is not easy to be oxidized, corroded and fall off
- Easy to be soldered, won't result in poor soldering
- Beautiful appearance
- Longer storage time of LED strip
- 2835 assembled LEDs
- Can be cut to meet requirements of different length



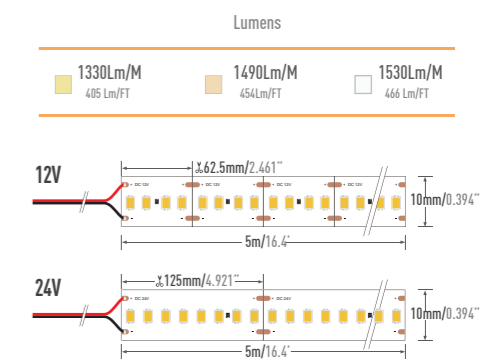
## 32 LEDs/M

| Model                      | Rated Watt         | DC Voltage        | Beam angle   | CRI      | IP Rating |                            |
|----------------------------|--------------------|-------------------|--------------|----------|-----------|----------------------------|
| SC-2835-GPX<br>SC-2835-GPX | 5.8W/M<br>1.8 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.1mm<br>0.04" ±10mm/0.39" |



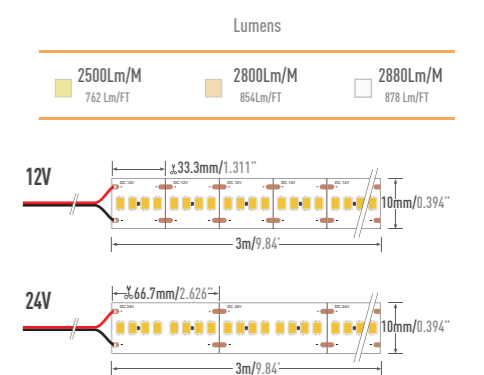
## 64 LEDs/M

| Model                       | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |                            |
|-----------------------------|---------------------|-------------------|--------------|----------|-----------|----------------------------|
| SC-2835-GPX2<br>SC-2835-GPX | 11.5W/M<br>3.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.1mm<br>0.04" ±10mm/0.39" |



## 120 LEDs/M

| Model                       | Rated Watt          | DC Voltage        | Beam Angle   | CRI      | IP Rating |                            |
|-----------------------------|---------------------|-------------------|--------------|----------|-----------|----------------------------|
| SC-2835-GPX3<br>SC-2835-GPX | 21.6W/M<br>6.6 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.1mm<br>0.04" ±10mm/0.39" |



# S-type Series

3528 Series



Available colors



Series Name: **SC-IS-XX-6mm-12&24V**

1: Series Name, 2: Color, 3: PCB Width, 4: Input Voltage

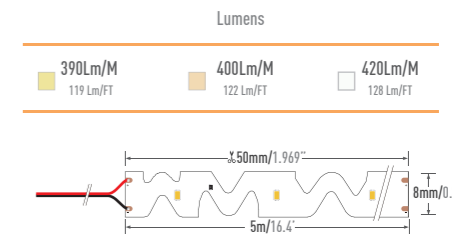


- Wavy LED strip, ideal for signages; advertising boxes, niches, letters, etc
- Customized 3M tape for easy installation
- Can be 180 degree bent
- 6mm or 8mm width PCB
- High brightness 3528 LED
- Packed 5m on reel



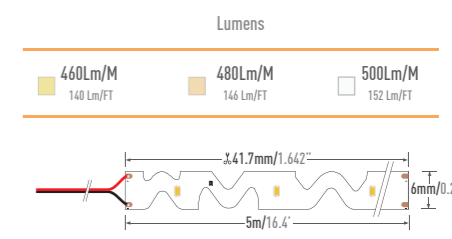
## 8mm(0.31") Width

| Model                      | Rated Watt         | DC Voltage       | Beam Angle   | CRI            | IP Rating | Lumens   |
|----------------------------|--------------------|------------------|--------------|----------------|-----------|--|
| SC-IS-X-8mm<br>SC-IS-X-8mm | 4.8W/M<br>1.5 W/FT | 12/24V<br>12/24V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  | 2.2mm <sup>+</sup><br>0.09" <sup>+</sup> 8mm/0.31" |



## 6mm(0.24") Width

| Model                      | Rated Watt          | DC Voltage        | Beam Angle   | CRI            | IP Rating | Lumens   |
|----------------------------|---------------------|-------------------|--------------|----------------|-----------|--|
| SC-IS-X-6mm<br>SC-IS-X-6mm | 5.76W/M<br>1.76W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  | 2.2mm <sup>+</sup><br>0.09" <sup>+</sup> 6mm/0.24" |



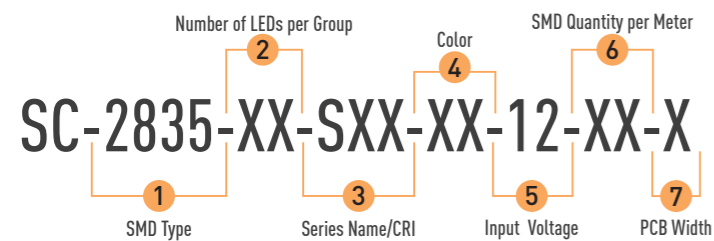
# S-type Series



2835 Series



Available colors

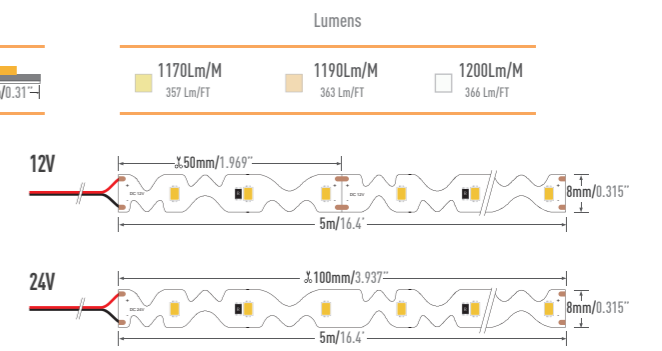


- S-type soft light strip, arbitrary bending to meet your needs for irregular spaces
- Various combinations of 30-120 LEDs available
- High CRI - SMD2835 high brightness LEDs, high CRI, low light attenuation
- Better display of luminous characters
- Bare board non-waterproof and silicone waterproof options available



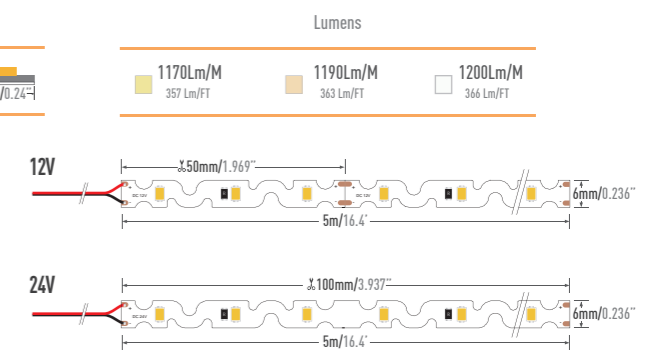
## 8mm(0.31") Width

| Model                    | Rated Watt           | DC Voltage       | Beam Angle   | CRI            | IP Rating |                |
|--------------------------|----------------------|------------------|--------------|----------------|-----------|----------------|
| SC-2835-XX<br>SC-2835-XX | 14.4W/M<br>4.39 W/FT | 12/24V<br>12/24V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  | 2.2mm<br>0.09" |



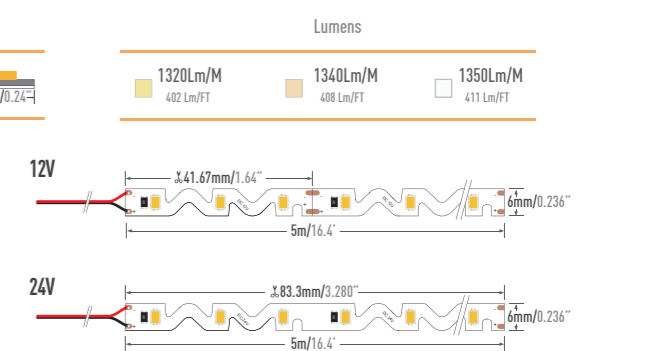
## 6mm(0.24") Width (60 LEDs / M)

| Model                    | Rated Watt           | DC Voltage        | Beam Angle   | CRI            | IP Rating |                |
|--------------------------|----------------------|-------------------|--------------|----------------|-----------|----------------|
| SC-2835-XX<br>SC-2835-XX | 14.4W/M<br>4.39 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  | 2.2mm<br>0.09" |



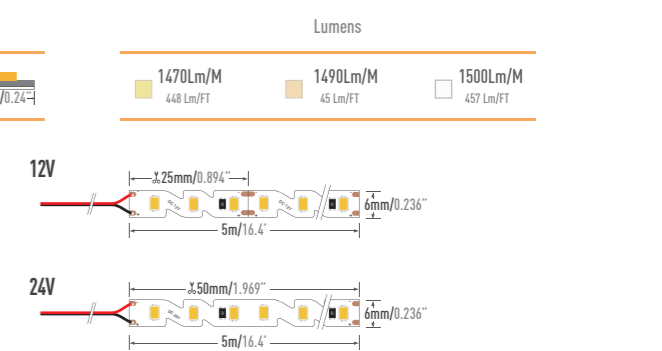
## 6mm(0.24") Width (72 LEDs / M)

| Model                    | Rated Watt           | DC Voltage        | Beam Angle   | CRI            | IP Rating |                |
|--------------------------|----------------------|-------------------|--------------|----------------|-----------|----------------|
| SC-2835-XX<br>SC-2835-XX | 14.4W/M<br>4.39 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  | 2.2mm<br>0.09" |



## 6mm(0.24") Width (140 LEDs / M)

| Model                    | Rated Watt           | DC Voltage        | Beam Angle   | CRI            | IP Rating |                |
|--------------------------|----------------------|-------------------|--------------|----------------|-----------|----------------|
| SC-2835-XX<br>SC-2835-XX | 14.4W/M<br>4.39 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80/90<br>80/90 | 20<br>20  | 2.2mm<br>0.09" |



2835 Series  
RGB Series  
Built-in IC Series  
2110 & 21016 Series  
3014 Series  
3528 Series  
5050 Series  
Special Strip  
COB Strip  
Neon Flex  
Rigid Strip  
Strip Kits

# Side-view Series



Available colors



Series Name: **SC-SID-3014-XX-12&24V**

Color: **XX**

SMD Type: **3014**

Input Voltage: **12&24V**



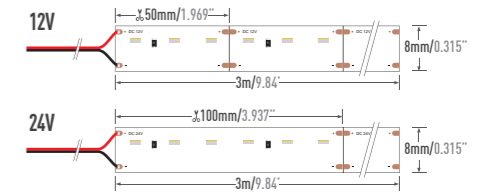
- High power and luminous strip side view strip
- Ideal for letter illumination, advertising boxes, sinages, etc
- 3M adhesive tape for easy installation
- High efficiency 3014 LED, 120 degree
- Packed 3m on reel



## 60 LEDs /M

| Model                        | Rated Watt         | DC Voltage        | Beam Angle   | CRI      | IP Rating |  |
|------------------------------|--------------------|-------------------|--------------|----------|-----------|--|
| SC-SID-3014<br>SC-SID-3014   | 4.8W/M<br>1.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  |  |
| SC-SIDS-3014<br>SC-SIDS-3014 | 4.8W/M<br>1.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  |  |

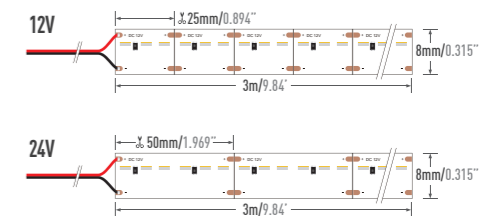
Lumens



## 120 LEDs /M

| Model                          | Rated Watt         | DC Voltage        | Beam Angle   | CRI      | IP Rating |  |
|--------------------------------|--------------------|-------------------|--------------|----------|-----------|--|
| SC-SID2-3014<br>SC-SID2-3014   | 9.6W/M<br>1.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 20<br>20  |  |
| SC-SID2S-3014<br>SC-SID2S-3014 | 9.6W/M<br>1.5 W/FT | 12/24V<br>12/24 V | 120°<br>120° | 80<br>80 | 65<br>65  |  |

Lumens



# Super Slim Series



Available colors



Color  
**SC-ID35-XX-12V**  
 Series Name      Input Voltage

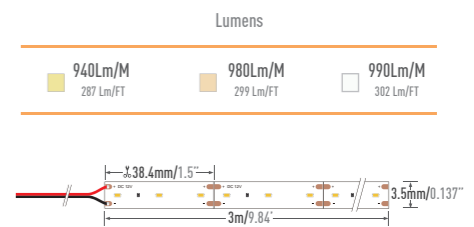


- 3.5mm ultra-slim high brightness flexible strip
- Ideal for advertising boxes, letters, niches signboards, etc
- Double layer pure copper PCB
- 3M adhesive tape for easy installation
- High efficiency 3020 or 3014 LED, 120 degree
- Packed 3m on reel



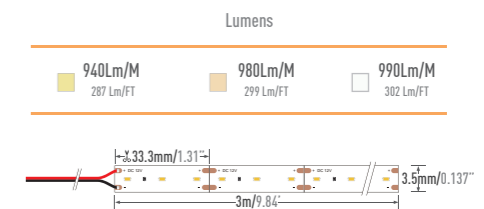
## 78 LEDs /M

| Model     | Rated Watt | DC Voltage | Beam Angle | CRI   | IP Rating |  |
|-----------|------------|------------|------------|-------|-----------|--|
| SC-ID35-X | 12.4W/M    | 12V        | 120°       | 80/90 | 20        |  |
| SC-ID35-X | 3.8 W/FT   | 12V        | 120°       | 80/90 | 20        |  |



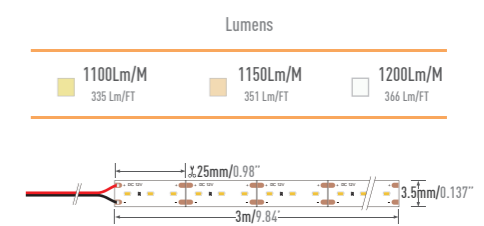
## 90 LEDs /M

| Model        | Rated Watt | DC Voltage | Beam Angle | CRI   | IP Rating |  |
|--------------|------------|------------|------------|-------|-----------|--|
| SC-IE35-90-X | 11W/M      | 12V        | 120°       | 80/90 | 20        |  |
| SC-IE35-90-X | 3.4 W/FT   | 12V        | 120°       | 80/90 | 20        |  |



## 120 LEDs /M

| Model         | Rated Watt | DC Voltage | Beam Angle | CRI   | IP Rating |  |
|---------------|------------|------------|------------|-------|-----------|--|
| SC-IE35-120-X | 14.4W/M    | 12V        | 120°       | 80/90 | 20        |  |
| SC-IE35-120-X | 4.4 W/FT   | 12V        | 120°       | 80/90 | 20        |  |



# Adjustable Series

Dim to warm/Rhythmic lighting



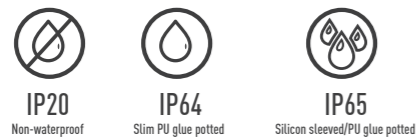
SC-2216DTW-XXD-XXXX-24V

1 SMD Type & Series Name

2 SMD Quantity per Meter

3 Color

4 Input Voltage

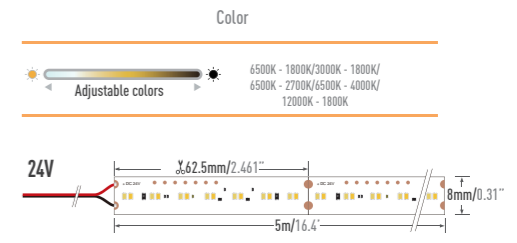


- White light full color temperature & brightness stepless adjustable
- Nostalgic warm memories and natural circadian rhythms
- 2216 and 2835 various luminous surfaces with high CRI



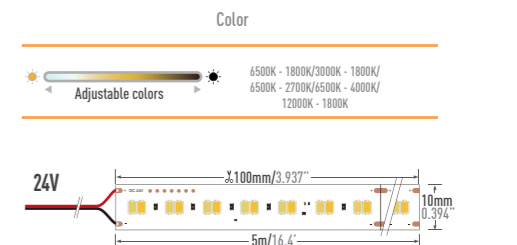
## 224 LEDs /M

| Model                    | Rated Watt       | DC Voltage  | Beam Angle   | CRI                  | IP Rating |
|--------------------------|------------------|-------------|--------------|----------------------|-----------|
| SC-2216DTW<br>SC-2216DTW | 8W/M<br>2.4 W/FT | 24V<br>24 V | 120°<br>120° | 80/90/95<br>80/90/95 | 20<br>20  |
| SC-2216DTW<br>SC-2216DTW | 8W/M<br>2.4 W/FT | 24V<br>24 V | 120°<br>120° | 80/90/95<br>80/90/95 | 64<br>64  |
| SC-2216DTW<br>SC-2216DTW | 8W/M<br>2.4 W/FT | 24V<br>24 V | 120°<br>120° | 80/90/95<br>80/90/95 | 65<br>65  |
| SC-2216DTW<br>SC-2216DTW | 8W/M<br>2.4 W/FT | 24V<br>24 V | 120°<br>120° | 80/90/95<br>80/90/95 | 65<br>65  |



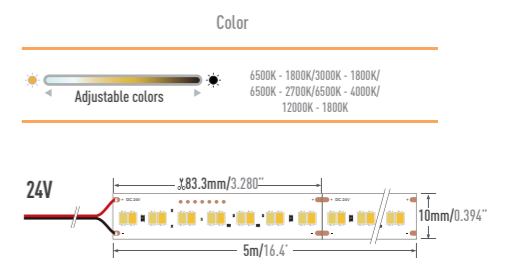
## 140 LEDs /M

| Model                    | Rated Watt         | DC Voltage  | Beam Angle   | CRI                  | IP Rating |
|--------------------------|--------------------|-------------|--------------|----------------------|-----------|
| SC-2835DTW<br>SC-2835DTW | 11W/M<br>3.35 W/FT | 24V<br>24 V | 120°<br>120° | 80/90/95<br>80/90/95 | 20<br>20  |
| SC-2835DTW<br>SC-2835DTW | 11W/M<br>3.35 W/FT | 24V<br>24 V | 120°<br>120° | 80/90/95<br>80/90/95 | 64<br>64  |
| SC-2835DTW<br>SC-2835DTW | 11W/M<br>3.35 W/FT | 24V<br>24 V | 120°<br>120° | 80/90/95<br>80/90/95 | 65<br>65  |
| SC-2835DTW<br>SC-2835DTW | 11W/M<br>3.35 W/FT | 24V<br>24 V | 120°<br>120° | 80/90/95<br>80/90/95 | 65<br>65  |



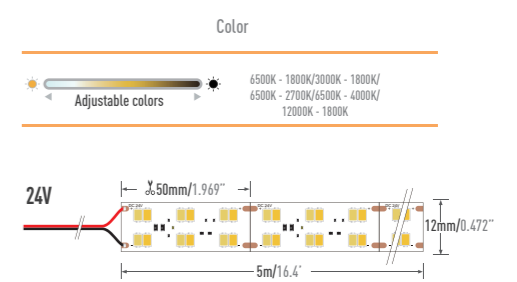
## 168 LEDs /M

| Model                    | Rated Watt         | DC Voltage  | Beam Angle   | CRI                  | IP Rating |
|--------------------------|--------------------|-------------|--------------|----------------------|-----------|
| SC-2835DTW<br>SC-2835DTW | 12W/M<br>3.66 W/FT | 24V<br>24 V | 120°<br>120° | 80/90/95<br>80/90/95 | 20<br>20  |
| SC-2835DTW<br>SC-2835DTW | 12W/M<br>3.66 W/FT | 24V<br>24 V | 120°<br>120° | 80/90/95<br>80/90/95 | 64<br>64  |
| SC-2835DTW<br>SC-2835DTW | 12W/M<br>3.66 W/FT | 24V<br>24 V | 120°<br>120° | 80/90/95<br>80/90/95 | 65<br>65  |
| SC-2835DTW<br>SC-2835DTW | 12W/M<br>3.66 W/FT | 24V<br>24 V | 120°<br>120° | 80/90/95<br>80/90/95 | 65<br>65  |



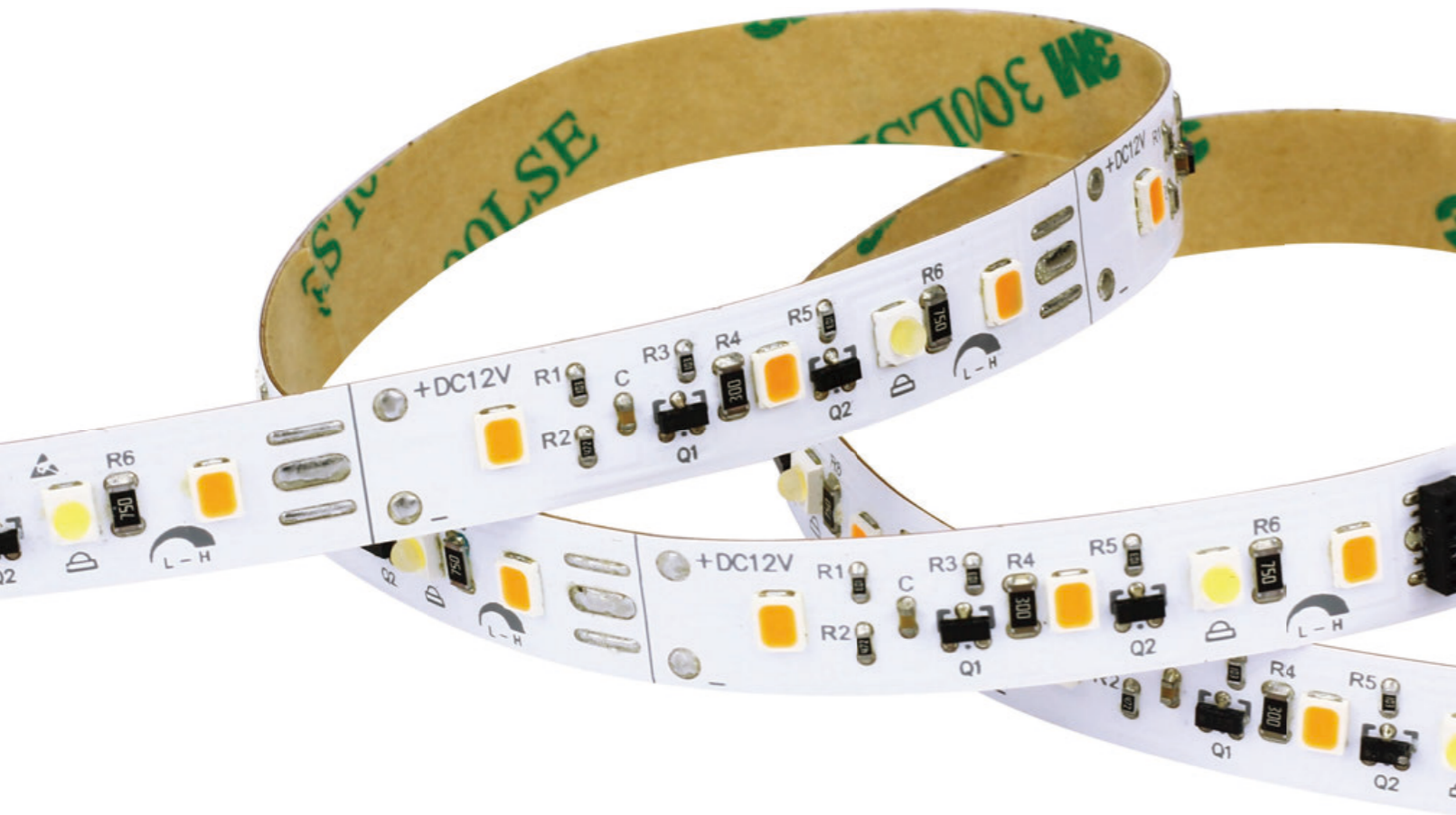
## 240 LEDs /M

| Model                    | Rated Watt         | DC Voltage  | Beam Angle   | CRI                  | IP Rating |
|--------------------------|--------------------|-------------|--------------|----------------------|-----------|
| SC-2835DTW<br>SC-2835DTW | 16W/M<br>4.88 W/FT | 24V<br>24 V | 120°<br>120° | 80/90/95<br>80/90/95 | 20<br>20  |
| SC-2835DTW<br>SC-2835DTW | 16W/M<br>4.88 W/FT | 24V<br>24 V | 120°<br>120° | 80/90/95<br>80/90/95 | 64<br>64  |
| SC-2835DTW<br>SC-2835DTW | 16W/M<br>4.88 W/FT | 24V<br>24 V | 120°<br>120° | 80/90/95<br>80/90/95 | 65<br>65  |
| SC-2835DTW<br>SC-2835DTW | 16W/M<br>4.88 W/FT | 24V<br>24 V | 120°<br>120° | 80/90/95<br>80/90/95 | 65<br>65  |



2835 Series  
RGB Series  
Built-in IC Series  
2110 & 21016 Series  
3014 Series  
3528 Series  
5050 Series  
Special Strip  
COB Strip  
Neon Flex  
Rigid Strip  
Strip Kits

# Stepless Dimming Series NEW



Number of LEDs per Group: 2  
 Color: YW  
 SMD Type: 1  
 Series Name: SC-ML-0301-DTW-30°  
 Beam Angle: 5

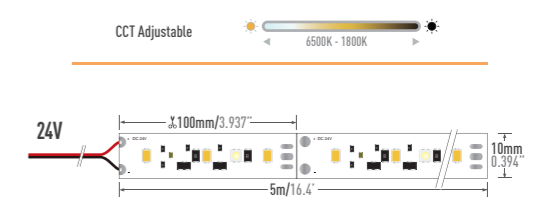


- Stepless dimming, including 1800K-6500K color temperature
- Two modes of leisure atmosphere and active highlight
- The convex ball head LED has an angle that can illuminate a longer distance
- Option of charging terminals to allow for longer connections

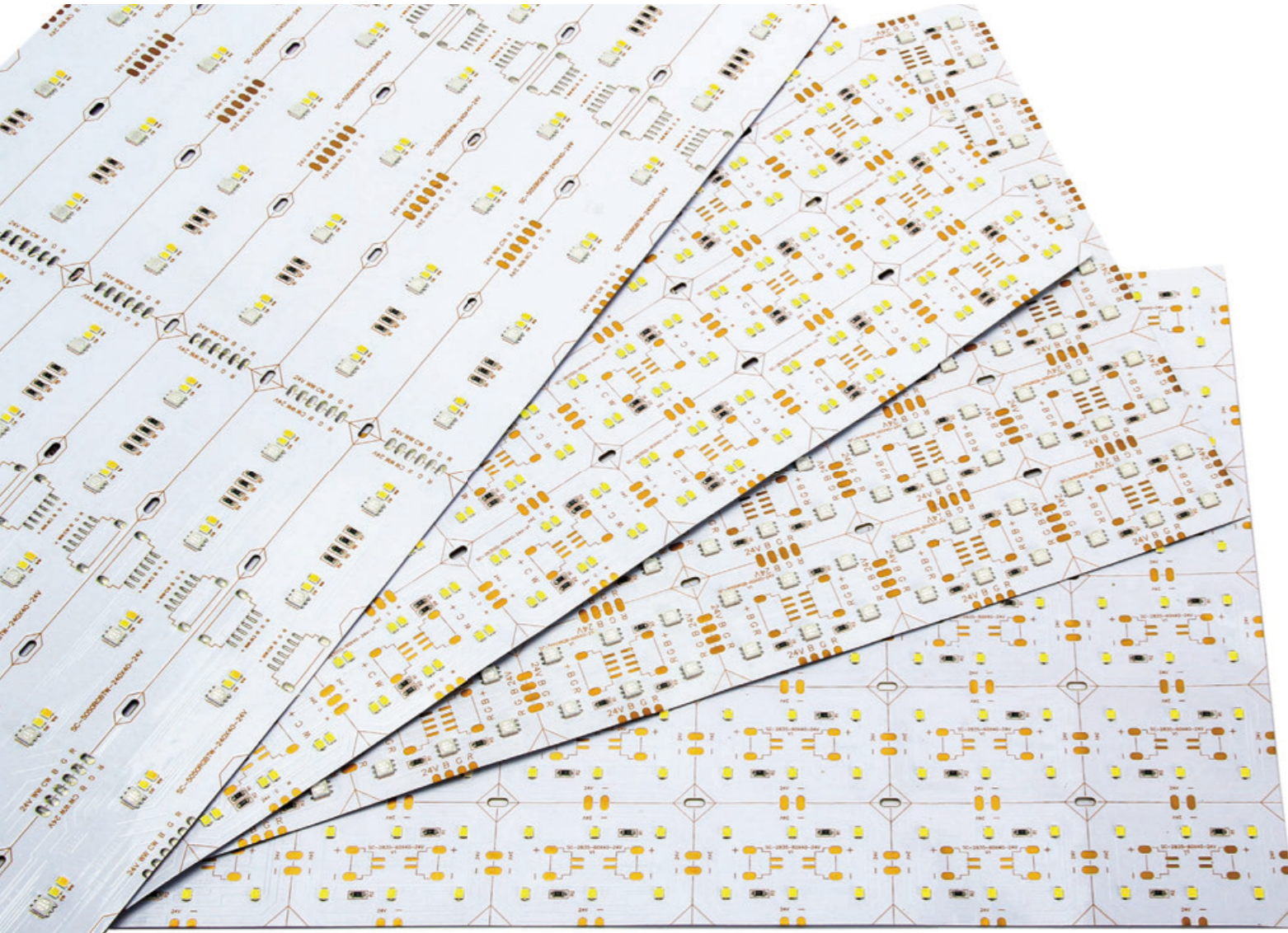


## 80 LEDs/M

| Model   | Rated Watt                       | DC Voltage                | Beam Angle                | CRI                     | IP Rating               |
|---|----------------------------------|---------------------------|---------------------------|-------------------------|-------------------------|
| SC-ML-0301-DTW-30°<br><small>SC-ML-0301-DTW-30°</small> | 9W/M<br><small>2.74 W/FT</small> | 12V<br><small>12V</small> | 30°<br><small>30°</small> | 90<br><small>90</small> | 20<br><small>20</small> |
| SC-ML-0301-DTW-40°<br><small>SC-ML-0301-DTW-40°</small> | 9W/M<br><small>2.74 W/FT</small> | 12V<br><small>12V</small> | 45°<br><small>45°</small> | 90<br><small>90</small> | 20<br><small>20</small> |



# Sign Backlight Series NEW



Number of LEDs per Group: 2  
 Input Voltage: 24  
 SMD Quantity per Meter: 5

## SC-ML-0618-RGBTW-24-XD-240-480mm

1 SMD Type      3 Color      5 SMD Quantity per Meter

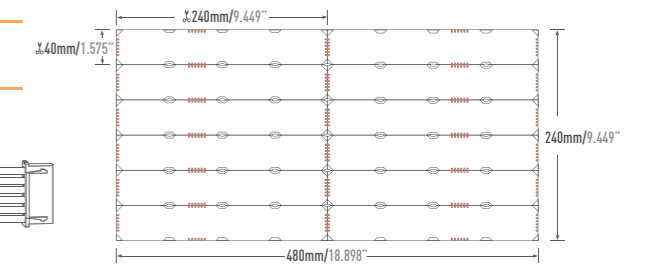
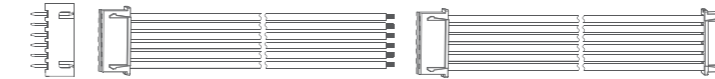


- Modular design, flexible and convenient to use
- Multiple light distribution, diffuse reflection and spotlight module options
- High CRI to restore true colors
- Low heat and power consumption
- More eye-catching visual effects

## 5050RGB+2835WW+2835CW

| Model            | LED Qty. | Min. Length | Power                   | Max. Power for Splicing | DC Voltage | IP Rating |
|------------------|----------|-------------|-------------------------|-------------------------|------------|-----------|
| SC-ML-0618-RGBTW | 216 LEDs | 240*40mm    | 15W/20W/25W/30W/35W/40W | ≤120W                   | 24V        | 20        |
| SC-ML-0618-RGBTW | 216 LEDs | 9.45*1.57"  |                         | ≤120W                   | 24V        | 20        |

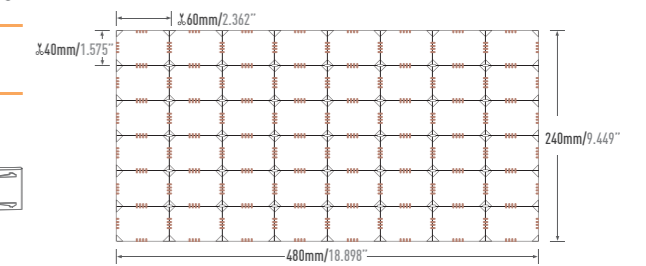
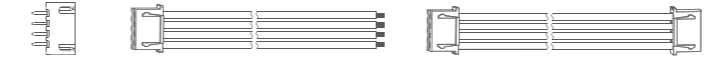
Optional accessories



## 5050RGB

| Model          | LED Qty. | Min. Length | Power           | Max. Power for Splicing | DC Voltage | IP Rating |
|----------------|----------|-------------|-----------------|-------------------------|------------|-----------|
| SC-ML-0606-RGB | 288 LEDs | 60*40mm     | 20W/30W/40W/50W | ≤120W                   | 24V        | 20        |
| SC-ML-0606-RGB | 288 LEDs | 2.36*1.57"  |                 | ≤120W                   | 24V        | 20        |

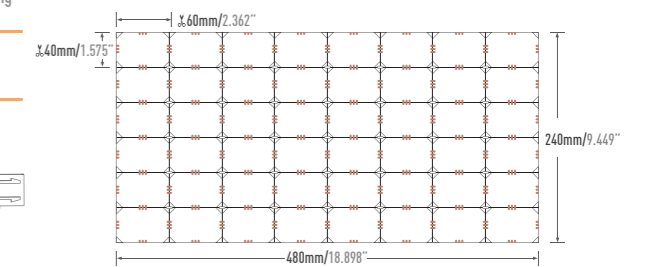
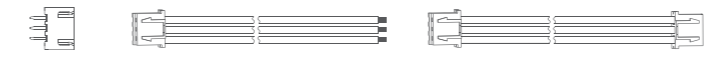
Optional accessories



## 2835WW+2835CW

| Model            | LED Qty. | Min. Length | Power       | Max. Power for Splicing | DC Voltage | IP Rating |
|------------------|----------|-------------|-------------|-------------------------|------------|-----------|
| SC-ML-0612-WW+CW | 576 LEDs | 60*40mm     | 50W/70W/90W | ≤180W                   | 24V        | 20        |
| SC-ML-0612-WW+CW | 576 LEDs | 2.36*1.57"  | 50W/70W/90W | ≤180W                   | 24V        | 20        |

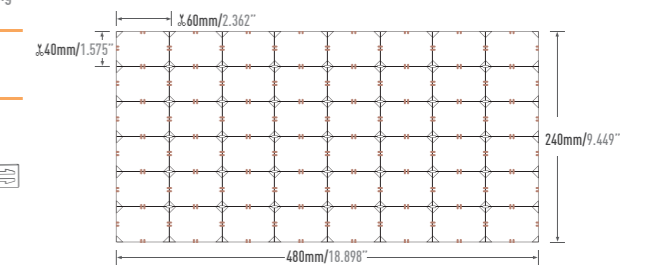
Optional accessories



## 2835

| Model            | LED Qty. | Min. Length | Power       | Max. Power for Splicing | DC Voltage | IP Rating |
|------------------|----------|-------------|-------------|-------------------------|------------|-----------|
| SC-ML-0606-WW/CW | 288 LEDs | 60*40mm     | 25W/35W/45W | ≤180W                   | 24V        | 20        |
| SC-ML-0606-WW/CW | 288 LEDs | 2.36*1.57"  | 25W/35W/45W | ≤180W                   | 24V        | 20        |

Optional accessories





# 48V RGBW MAGIC Series NEW

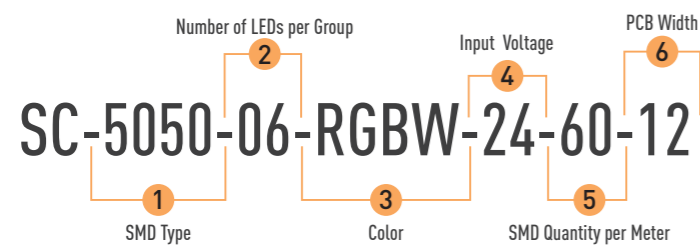
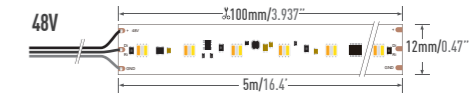


Available colors



## 60 LEDs /M

| Model                              | Rated Watt       | DC Voltage  | Beam Angle   | Color          | IP Rating |  |
|------------------------------------|------------------|-------------|--------------|----------------|-----------|--|
| SC-5050RGBW-60D<br>SC-5050RGBW-60D | 20W/M<br>6.1W/FT | 48V<br>48 V | 120°<br>120° | RGB+W<br>RGB+W | 20<br>20  |  |
| SC-5050RGBW-60D<br>SC-5050RGBW-60D | 20W/M<br>6.1W/FT | 48V<br>48 V | 120°<br>120° | RGB+W<br>RGB+W | 65<br>65  |  |



- Each unit as a pixel, can be cascaded infinitely
- Single-wire zeroing code communication protocol as the control scheme, simple and convenient to use
- Wide voltage range of DC24-48V
- Single-end power supply can achieve ultra-long length connection



2835 Series  
RGB Series  
Built-in IC Series  
2110 & 21016 Series  
3014 Series  
3528 Series  
5050 Series  
Special Strip  
COB Strip  
Neon Flex  
Rigid Strip  
Strip Kits



# COB LED STRIP

- Chip-on-FPC Series | P147-150
- TW Series | P151-152
- RGB Series | P153-154
- RGB Magic Series | P155-156
- RGBW/RGBCW Series | P157-158
- Side-emitting Series | P159-160

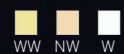
# Chip-on-FPC Series

Single color



- Uniform light, good linearity, high color consistency
- Clean and beautiful board surface
- Various PCB board widths are available to meet different space installation requirements, suitable for various decorative lighting places, especially for high-end display applications

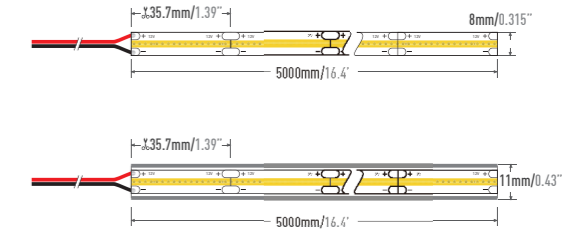
Available colors



## 100lm/W series

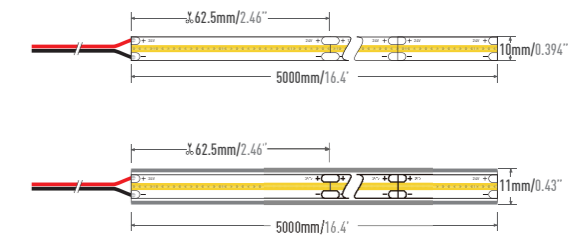
| Model                        | Rated Watt      | DC Voltage  | Beam Angle   | CRI      | IP Rating |                           |
|------------------------------|-----------------|-------------|--------------|----------|-----------|---------------------------|
| SC-SFL-504<br>SC-SFL-504     | 10W/M<br>3 W/FT | 12V<br>12 V | 120°<br>120° | 90<br>90 | 20<br>20  | 1.5mm/0.06"<br>8mm/0.315" |
| SC-SFLBS-504<br>SC-SFLBS-504 | 10W/M<br>3 W/FT | 12V<br>12 V | 120°<br>120° | 90<br>90 | 65<br>65  | 5mm/0.197"<br>11mm/0.43"  |

| Lumens               |                      |                      |                      |
|----------------------|----------------------|----------------------|----------------------|
| 640Lm/M<br>194 Lm/FT | 780Lm/M<br>236 Lm/FT | 800Lm/M<br>242 Lm/FT | 760Lm/M<br>230 Lm/FT |
| 520Lm/M<br>157 Lm/FT | 620Lm/M<br>188 Lm/FT | 700Lm/M<br>212 Lm/FT | 660Lm/M<br>200 Lm/FT |



| Model                        | Rated Watt      | DC Voltage | Beam Angle   | CRI      | IP Rating |                            |
|------------------------------|-----------------|------------|--------------|----------|-----------|----------------------------|
| SC-SFL-512<br>SC-SFL-512     | 10W/M<br>3 W/FT | 24V<br>24V | 120°<br>120° | 90<br>90 | 20<br>20  | 1.5mm/0.06"<br>10mm/0.394" |
| SC-SFLBS-512<br>SC-SFLBS-512 | 10W/M<br>3 W/FT | 24V<br>24V | 120°<br>120° | 90<br>90 | 65<br>65  | 5mm/0.197"<br>12mm/0.474"  |

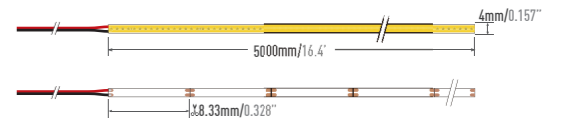
| Lumens               |                      |                      |                      |
|----------------------|----------------------|----------------------|----------------------|
| 710Lm/M<br>216 Lm/FT | 780Lm/M<br>236 Lm/FT | 910Lm/M<br>277 Lm/FT | 990Lm/M<br>302 Lm/FT |
| 590Lm/M<br>180 Lm/FT | 740Lm/M<br>224 Lm/FT | 750Lm/M<br>228 Lm/FT | 830Lm/M<br>251 Lm/FT |



## PCB 4mm (0.157") Series

| Model                    | Rated Watt       | DC Voltage  | Beam Angle   | CRI      | IP Rating |                           |
|--------------------------|------------------|-------------|--------------|----------|-----------|---------------------------|
| SC-SFL-360<br>SC-SFL-360 | 4W/M<br>1.2 W/FT | 12V<br>12 V | 160°<br>160° | 90<br>90 | 20<br>20  | 2.3mm/0.09"<br>4mm/0.157" |

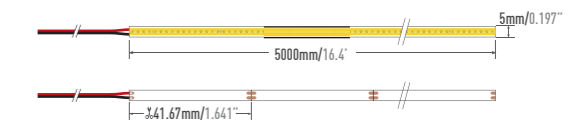
| Lumens              |                     |                     |                     |
|---------------------|---------------------|---------------------|---------------------|
| 220Lm/M<br>67 Lm/FT | 240Lm/M<br>73 Lm/FT | 260Lm/M<br>79 Lm/FT | 280Lm/M<br>85 Lm/FT |
| 280Lm/M<br>85 Lm/FT | 280Lm/M<br>85 Lm/FT | 280Lm/M<br>85 Lm/FT | 280Lm/M<br>85 Lm/FT |



## PCB 5mm (0.197") Series

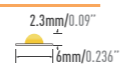
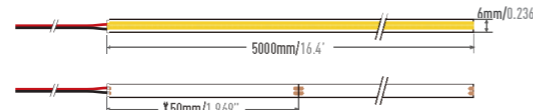
| Model                    | Rated Watt         | DC Voltage  | Beam Angle   | CRI      | IP Rating |                           |
|--------------------------|--------------------|-------------|--------------|----------|-----------|---------------------------|
| SC-SFL-384<br>SC-SFL-384 | 10W/M<br>3.05 W/FT | 12V<br>12 V | 160°<br>160° | 90<br>90 | 20<br>20  | 2.3mm/0.09"<br>5mm/0.197" |

| Lumens               |                      |                      |                       |
|----------------------|----------------------|----------------------|-----------------------|
| 850Lm/M<br>259 Lm/FT | 900Lm/M<br>274 Lm/FT | 950Lm/M<br>290 Lm/FT | 1100Lm/M<br>335 Lm/FT |
| 900Lm/M<br>274 Lm/FT | 900Lm/M<br>274 Lm/FT | 900Lm/M<br>274 Lm/FT | 900Lm/M<br>274 Lm/FT  |

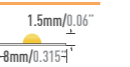
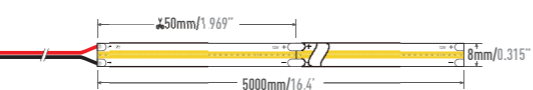


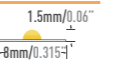
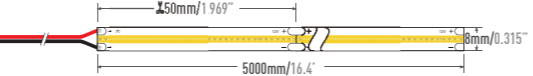
2835 Series  
RGB Series  
Built-in IC Series  
2110 & 21016 Series  
3014 Series  
3528 Series  
5050 Series  
Special Strip  
COB Strip  
Neon Flex  
Rigid Strip  
Strip Kits

## PCB 6mm (0.236") Series

| Model                    | Rated Watt       | DC Voltage  | Beam Angle   | CRI      | IP Rating |   | Lumens               |                      |                      |                      |                      |  |
|--------------------------|------------------|-------------|--------------|----------|-----------|---|----------------------|----------------------|----------------------|----------------------|----------------------|--|
| SC-SFL-480<br>SC-SFL-480 | 6W/M<br>1.8 W/FT | 24V<br>24 V | 160°<br>160° | 90<br>90 | 20<br>20  |  | 510Lm/M<br>155 Lm/FT | 540Lm/M<br>165 Lm/FT | 570Lm/M<br>174 Lm/FT | 660Lm/M<br>201 Lm/FT | 540Lm/M<br>165 Lm/FT |  |

## PCB 8mm (0.315") Series

| Model                    | Rated Watt       | DC Voltage  | Beam Angle   | CRI      | IP Rating |   | Lumens               |                      |                      |                      |                      |  |
|--------------------------|------------------|-------------|--------------|----------|-----------|---|----------------------|----------------------|----------------------|----------------------|----------------------|--|
| SC-SFL-320<br>SC-SFL-320 | 8W/M<br>2.4 W/FT | 24V<br>24 V | 160°<br>160° | 90<br>90 | 20<br>20  |  | 640Lm/M<br>194 Lm/FT | 720Lm/M<br>219 Lm/FT | 720Lm/M<br>219 Lm/FT | 720Lm/M<br>219 Lm/FT | 720Lm/M<br>219 Lm/FT |  |

| Model                    | Rated Watt         | DC Voltage  | Beam Angle   | CRI      | IP Rating |  | Lumens               |                      |                       |                       |                      |  |
|--------------------------|--------------------|-------------|--------------|----------|-----------|--|----------------------|----------------------|-----------------------|-----------------------|----------------------|--|
| SC-SFL-480<br>SC-SFL-480 | 10W/M<br>3.05 W/FT | 24V<br>24 V | 160°<br>160° | 90<br>90 | 20<br>20  |  | 850Lm/M<br>259 Lm/FT | 900Lm/M<br>274 Lm/FT | 1000Lm/M<br>305 Lm/FT | 1050Lm/M<br>320 Lm/FT | 900Lm/M<br>274 Lm/FT |  |



- 2835 Series
- RGB Series
- Built-in IC Series
- 2110 & 21016 Series
- 3014 Series
- 3528 Series
- 5050 Series
- Special Strip
- COB Strip
- Neon Flex
- Rigid Strip
- Strip Kits

# Chip-on-FPC Series

TW Series

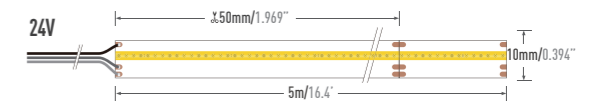
- Uniform light, good linearity, high color consistency
- The color temperature and brightness can be adjusted as needed
- Suitable for all kinds of decorative lighting places, especially for high-end display applications



## 840 LEDs /M

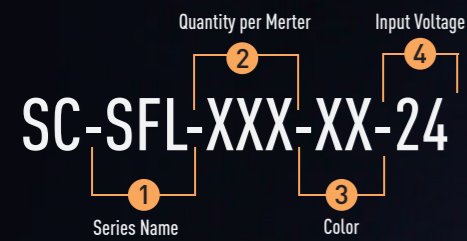
| Model      | Rated Watt | DC Voltage | Beam Angle | CRI | IP Rating |              |
|------------|------------|------------|------------|-----|-----------|--------------|
| SC-SFL-840 | 15W/M      | 24V        | 120°       | 90  | 20        | 2.3mm/0.09"  |
| SC-SFL-840 | 4.8 W/FT   | 24 V       | 120°       | 90  | 20        | 1-10mm/0.39" |

| Lumens               |                      |
|----------------------|----------------------|
| 560Lm/M<br>171 Lm/FT | 675Lm/M<br>206 Lm/FT |



- 2835 Series
- RGB Series
- Built-in IC Series
- 2110 & 21016 Series
- 3014 Series
- 3528 Series
- 5050 Series
- Special Strip
- COB Strip
- Neon Flex
- Rigid Strip
- Strip Kits

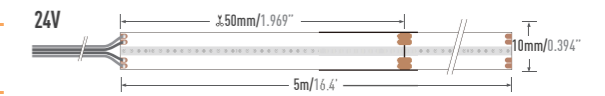
# RGB Series



- Uniform light, good linearity, high color consistency
- The light is soft and no glare
- Rich colors and dynamic effects can be adjusted according to needs

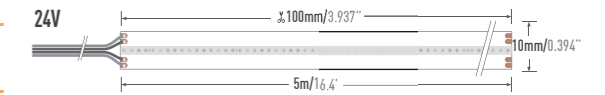
## 420 LEDs /M

| Model                    | Rated Watt        | DC Voltage  | Beam Angle   | IP Rating |                            |
|--------------------------|-------------------|-------------|--------------|-----------|----------------------------|
| SC-SFL-420<br>SC-SFL-420 | 9W/M<br>2.74 W/FT | 24V<br>24 V | 160°<br>160° | 20<br>20  | 2.3mm/0.09"<br>10mm/0.394" |



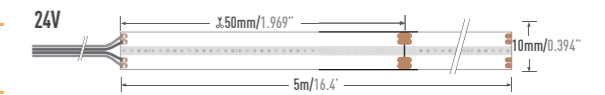
## 630 LEDs /M

| Model                    | Rated Watt        | DC Voltage  | Beam Angle   | IP Rating |                            |
|--------------------------|-------------------|-------------|--------------|-----------|----------------------------|
| SC-SFL-630<br>SC-SFL-630 | 9W/M<br>2.74 W/FT | 24V<br>24 V | 160°<br>160° | 20<br>20  | 2.3mm/0.09"<br>10mm/0.394" |



## 840 LEDs /M

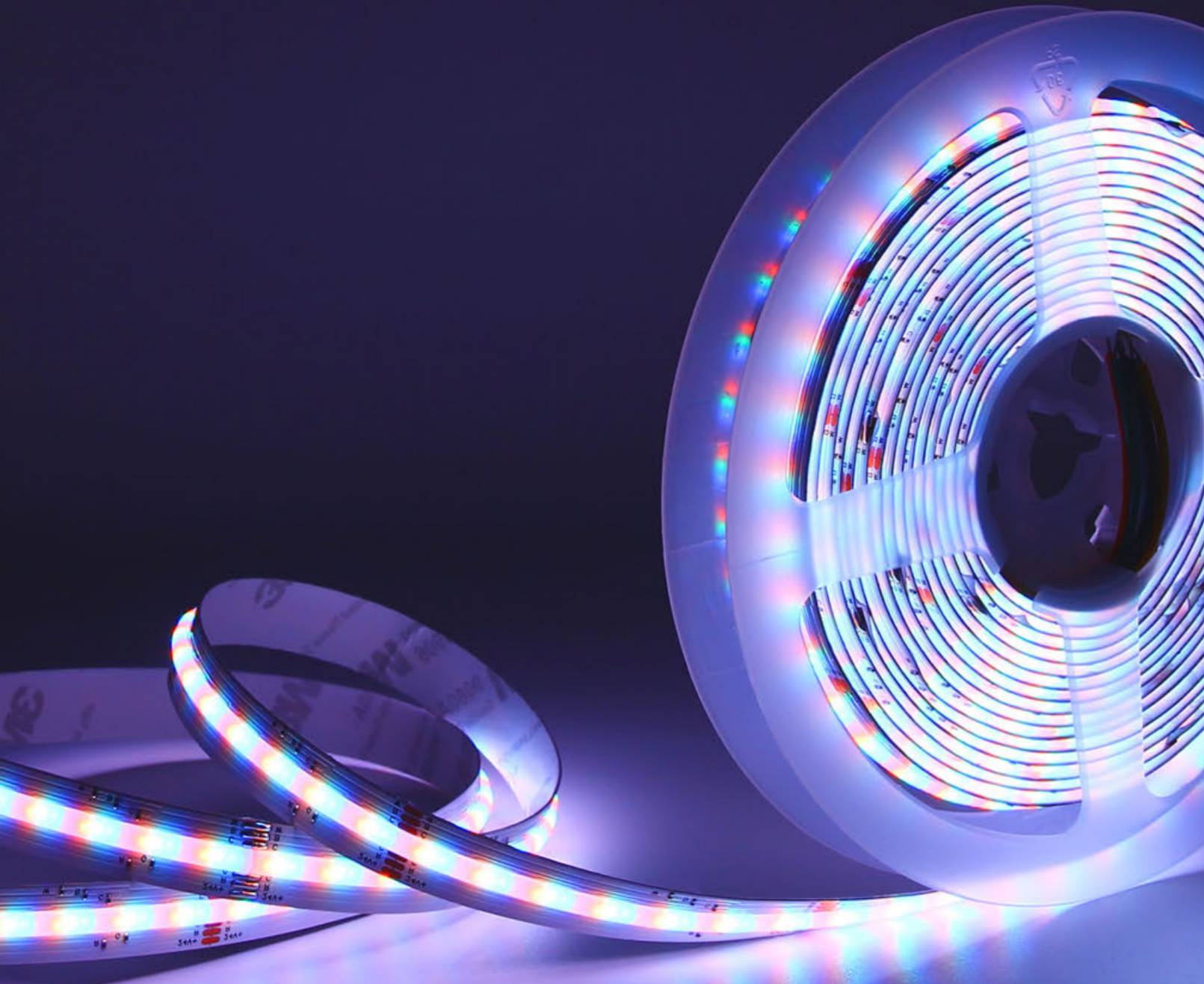
| Model                    | Rated Watt        | DC Voltage  | Beam Angle   | IP Rating |                            |
|--------------------------|-------------------|-------------|--------------|-----------|----------------------------|
| SC-SFL-840<br>SC-SFL-840 | 15W/M<br>4.6 W/FT | 24V<br>24 V | 160°<br>160° | 20<br>20  | 2.3mm/0.09"<br>10mm/0.394" |



- 2835 Series
- RGB Series
- Built-in IC Series
- 2110 & 21016 Series
- 3014 Series
- 3528 Series
- 5050 Series
- Special Strip
- COB Strip
- Neon Flex
- Rigid Strip
- Strip Kits

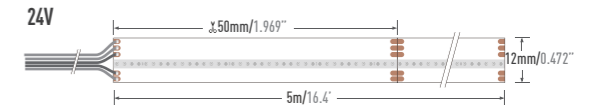
# RGBW/RGBCW Series

- Uniform light, good linearity, high color consistency
- Suitable for atmosphere decoration and lighting
- Rich colors and dynamic effects can be adjusted according to needs



## RGBW

|   | Model                    | Rated Watt         | DC Voltage  | Beam Angle   | IP Rating |                            |
|---|--------------------------|--------------------|-------------|--------------|-----------|----------------------------|
| ⊗ | SC-SFL-560<br>SC-SFL-560 | 16W/M<br>4.88 W/FT | 24V<br>24 V | 160°<br>160° | 20<br>20  | 2.3mm/0.09"<br>12mm/0.472" |



## RGBCW

|   | Model                    | Rated Watt         | DC Voltage  | Beam Angle   | IP Rating |                            |
|---|--------------------------|--------------------|-------------|--------------|-----------|----------------------------|
| ⊗ | SC-SFL-560<br>SC-SFL-560 | 16W/M<br>4.88 W/FT | 24V<br>24 V | 160°<br>160° | 20<br>20  | 2.3mm/0.09"<br>12mm/0.472" |



- 2835 Series
- RGB Series
- Built-in IC Series
- 2110 & 21016 Series
- 3014 Series
- 3528 Series
- 5050 Series
- Special Strip
- COB Strip
- Neon Flex
- Rigid Strip
- Strip Kits

# RGB Magic Series



- No peripheral components, neat and beautiful
- Uniform light, good linearity, high color consistency
- The dynamic effect is very delicate, smooth and fluent

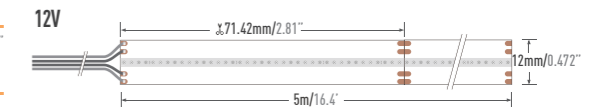
## 420 LEDs /M

|   | Model                    | Rated Watt           | DC Voltage  | Beam Angle   | IP Rating |  |
|---|--------------------------|----------------------|-------------|--------------|-----------|--|
| ⊗ | SC-SFL-420<br>SC-SFL-420 | 13.3W/M<br>4.05 W/FT | 24V<br>24 V | 180°<br>180° | 20<br>20  |  |
| ⊙ | SC-SFL-420<br>SC-SFL-420 | 13.3W/M<br>4.05 W/FT | 24V<br>24 V | 180°<br>180° | 65<br>65  |  |



## 630 LEDs /M

|   | Model                    | Rated Watt         | DC Voltage  | Beam Angle   | IP Rating |  |
|---|--------------------------|--------------------|-------------|--------------|-----------|--|
| ⊗ | SC-SFL-630<br>SC-SFL-630 | 10W/M<br>3.05 W/FT | 12V<br>12 V | 180°<br>180° | 20<br>20  |  |
| ⊙ | SC-SFL-630<br>SC-SFL-630 | 10W/M<br>3.05 W/FT | 12V<br>12 V | 180°<br>180° | 65<br>65  |  |



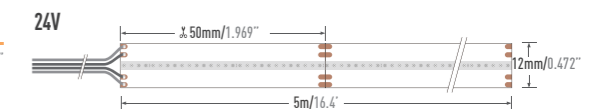
## 630 LEDs /M

|   | Model                    | Rated Watt         | DC Voltage  | Beam Angle   | IP Rating |  |
|---|--------------------------|--------------------|-------------|--------------|-----------|--|
| ⊗ | SC-SFL-630<br>SC-SFL-630 | 14W/M<br>4.27 W/FT | 24V<br>24 V | 180°<br>180° | 20<br>20  |  |
| ⊙ | SC-SFL-630<br>SC-SFL-630 | 14W/M<br>4.27 W/FT | 24V<br>24 V | 180°<br>180° | 65<br>65  |  |



## 840 LEDs /M

|   | Model                    | Rated Watt         | DC Voltage  | Beam Angle   | IP Rating |  |
|---|--------------------------|--------------------|-------------|--------------|-----------|--|
| ⊗ | SC-SFL-840<br>SC-SFL-840 | 15W/M<br>4.57 W/FT | 24V<br>24 V | 180°<br>180° | 20<br>20  |  |
| ⊙ | SC-SFL-840<br>SC-SFL-840 | 15W/M<br>4.57 W/FT | 24V<br>24 V | 180°<br>180° | 65<br>65  |  |



2835 Series  
RGB Series  
Built-in IC Series  
2110 & 21016 Series  
3014 Series  
3528 Series  
5050 Series  
Special Strip  
COB Strip  
Neon Flex  
Rigid Strip  
Strip Kits



# Side-emitting Series NEW

Available colors



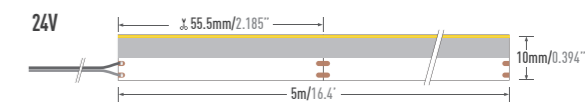
- Side-emitting
- Can be bent at will, LED chip is completely wrapped by silicone, with good waterproof airtightness and insulation, higher reliability
- Soft light, dot free, linear light, extremely flexible, high reliability



## Single color

| Model                        | Rated Watt         | DC Voltage  | Beam Angle   | CRI      | IP Rating |  |
|------------------------------|--------------------|-------------|--------------|----------|-----------|--|
| ⊗ SC-SFL-S-XW<br>SC-SFL-S-XW | 10W/M<br>3.05 W/FT | 24V<br>24 V | 120°<br>120° | 90<br>90 | 20<br>20  |  |

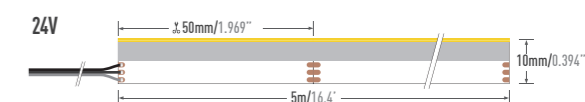
| Lumens               |                      |                      |
|----------------------|----------------------|----------------------|
| 380Lm/M<br>116 Lm/FT | 450Lm/M<br>135 Lm/FT | 450Lm/M<br>135 Lm/FT |



## 2700K-6000K

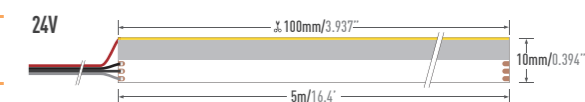
| Model                                  | Rated Watt         | DC Voltage  | Beam Angle   | CRI      | IP Rating |  |
|--|--------------------|-------------|--------------|----------|-----------|--|
| ⊗ SC-SFL-S-27K+60K<br>SC-SFL-S-27K+60K | 12W/M<br>3.66 W/FT | 24V<br>24 V | 120°<br>120° | 90<br>90 | 20<br>20  |  |

| Lumens              |                     |  |
|---------------------|---------------------|--|
| 205Lm/M<br>62 Lm/FT | 205Lm/M<br>62 Lm/FT |  |



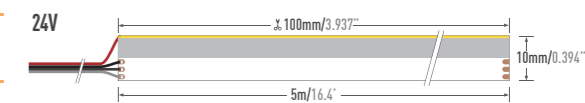
## RGB

| Model                          | Rated Watt         | DC Voltage  | Beam Angle   | CRI      | IP Rating |  |
|--------------------------------|--------------------|-------------|--------------|----------|-----------|--|
| ⊗ SC-SFL-S-RGB<br>SC-SFL-S-RGB | 12W/M<br>3.66 W/FT | 24V<br>24 V | 120°<br>120° | 90<br>90 | 20<br>20  |  |



## RGBIC

| Model                              | Rated Watt          | DC Voltage  | Beam Angle   | CRI      | IP Rating |  |
|------------------------------------|---------------------|-------------|--------------|----------|-----------|--|
| ⊗ SC-SFL-S-RGBIC<br>SC-SFL-S-RGBIC | 13.2/M<br>4.02 W/FT | 24V<br>24 V | 120°<br>120° | 90<br>90 | 20<br>20  |  |



2835 Series  
RGB Series  
Built-in IC Series  
2110 & 21016 Series  
3014 Series  
3528 Series  
5050 Series  
Special Strip  
COB Strip  
Neon Flex  
Rigid Strip  
Strip Kits



# NEON FLEX LED STRIP

|                             |          |
|-----------------------------|----------|
| Applications                | P163-170 |
| Index Neon Flex             | P171-176 |
| 4mm Silicon Series          | P177-178 |
| 6mm Silicon Series          | P179-180 |
| 8mm PVC/Silicon Series      | P181-184 |
| 12mm PVC/Silicon Series     | P185-186 |
| 15mm Silicon Series         | P187-188 |
| 0410 Series                 | P189-190 |
| 0615 Series                 | P191-192 |
| 0818 Series                 | P193-194 |
| 1515 Series                 | P195-196 |
| 360° Lighting Series        | P197-198 |
| Flexible wall washer Series | P199-200 |
| Mosquito-Repelling Series   | P203-206 |
| Smooth Line Series          | P207-210 |



# FLEXIBLE NEON

Neon strip is the best low-voltage linear light strip lighting solution that combines architectural aesthetics and visual comfort, for designers and architects with imagination and personal style. It offers various lighting experiences, including direct or indirect lighting, buffer lighting, and wall washer lighting. The high-quality SMD LED mounted on the flexible PCB with extrusion silicon housing ensures excellent flexibility and weather resistance.

It can be zero light leakage, anti-glare, uniformly luminous, and supports surface mounting, suspended, recessed, etc. Three different lighting areas include 6mm below, 8-16mm and 16-25mm, providing multiple options for various furniture, home or building lighting applications.

Neon strip offers designers a wealth of creative space on a global scale, showcasing flexibility, practicality, and an enhanced experience for human living, working, and entertainment.

Small-sized neon strip with a luminous surface below 6mm can be arranged along cabinets and shelving units to meet

the task lighting needs and provide additional visual support. Alternatively, RGB full-color or RGB dreamcolor light strip can be selected for decorative purposes, spreading throughout the entire space. The indirect halo of light emitted adds a playful effect to the interior. The silicone protective cover comes in various color options and can be customized to match the color of the building paint, seamlessly blending into the interior space and maintaining a harmonious and integrated style whether the light is on or off.

Neon strip has high CRI, uniformity, durability, with a variety of dimensions, light direction, bending direction for choice, suitable for any building structure.

Lifespan >55,000 hours, compliant with L80B10, IP65 and above, suitable for both indoor and outdoor applications.



**FLEXIBLE  
NEON**



**ULTRA-NARROW**

## ULTRA-NARROW 4-6MM

Safe low voltage, soft light output, providing integrated local lighting for furniture, cabinets, props, etc.

The minimal size allows for easy integration into any home decor style without being overwhelming or disrupting the overall feel.

Make the lights more in line with our home decor style, improve spatial flaws, create an atmosphere, and flexibly showcase personal taste.



# SMOOTH LINE

Can be installed on residential terraces, dehors of commercial activities and public spaces. It is ideal for both existing and new buildings.

White light products come in various configurations and can be installed on the ground of residential patios, commercial events, and public spaces. It is an ideal choice for both existing and newly constructed buildings. It provides a foundational lighting solution, offering comfortable, soft, and

diffused indirect lighting.

Make this square an excellent entertainment space.

Composite light products with RGB or RGBW intelligent controller, variable installation, to create your own excellent entertainment space.

Supports RGB, RGBW and dual CCT.



SMOOTH LINE

8-15MM NEON

# ≥16MM NEON

Protection grade IP65

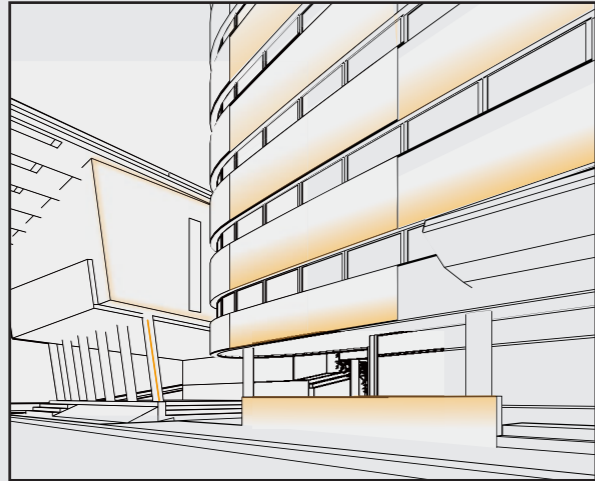
CRI up to 90+

It can be combined from a single piece to a light strip up to 17 meters in length.

UV resistance for over 5 years

Can be mounted on ceilings or walls, both surface and concave. It is a perfect blend of architectural structure and light, and enhances the overall expressive power of the lighting project. It can be used to outline the building, stretch the wall space and provide a deep visual effect.

Wash the walls, softening the shadows and highlighting the building.



# LARGE LIGHT-EMITTING SURFACE

# SMOOTH LINE

### 4x7 | Side-view



| Model                               | DC Voltage | Rated Watt         | PCB Width     | Min. Length       | Min. Bend Diameter |
|-------------------------------------|------------|--------------------|---------------|-------------------|--------------------|
| SC-3014-07-TS0407W-XX-27-210-4-IP67 | 12V        | 7.7W/M<br>2.4 W/FT | 4mm<br>0.157" | 14.29mm<br>0.563" | ≥30°               |
|                                     | 24V        |                    |               | 33.33mm<br>1.312" | R≥30°              |

### 4x10 | Side-view



| Model                     | DC Voltage | Rated Watt         | PCB Width     | Min. Length       | Min. Bend Diameter |
|---------------------------|------------|--------------------|---------------|-------------------|--------------------|
| SC-SSE041028-128-XX-12/24 | 12V        | 7.6W/M<br>2.3 W/FT | 6mm<br>0.236" | 31.25mm<br>1.230" | ≥30mm              |
|                           | 24V        |                    |               | 62.5mm<br>2.461"  | R≥30               |

### 4x11 | Side-view



| Model            | DC Voltage | Rated Watt         | PCB Width     | Min. Length       | Min. Bend Diameter |
|------------------|------------|--------------------|---------------|-------------------|--------------------|
| SC-SW4-XX-12/24V | 12V        | 7.6W/M<br>2.3 W/FT | 8mm<br>0.315" | 31.25mm<br>1.230" | ≥30mm              |
|                  | 24V        |                    |               | 62.5mm<br>2.461"  | R≥30               |

### 6x11 | Side-view



| Model                 | DC Voltage | Rated Watt         | PCB Width     | Min. Length       | Min. Bend Diameter |
|-----------------------|------------|--------------------|---------------|-------------------|--------------------|
| SC-SSE0628-128-XX-24V | 12V        | 9.6W/M<br>2.9 W/FT | 8mm<br>0.315" | 31.25mm<br>1.230" | ≥30mm              |
|                       | 24V        |                    |               | 62.5mm<br>2.461"  | R≥30               |

### 6x15 | Side-view



| Model                  | DC Voltage | Rated Watt         | PCB Width     | Min. Length       | Min. Bend Diameter |
|------------------------|------------|--------------------|---------------|-------------------|--------------------|
| SC-SSE061528-128-XX-24 | 12V        | 7.7W/M<br>2.4 W/FT | 8mm<br>0.315" | 31.25mm<br>1.230" | ≥30mm              |
|                        | 24V        |                    |               | 62.5mm<br>2.461"  | R≥30               |

### 6x6 | Top-view



| Model                               | DC Voltage | Rated Watt         | PCB Width     | Min. Length      | Min. Bend Diameter |
|-------------------------------------|------------|--------------------|---------------|------------------|--------------------|
| SC-3014-07-TT0606W-XX-24-210-4-IP65 | 24V        | 7.2W/M<br>2.2 W/FT | 4mm<br>0.157" | 33.4mm<br>1.315" | ≥75mm              |
|                                     |            |                    |               |                  | R≥75               |

### 8x12 | Side-view



| Model                 | DC Voltage | Rated Watt         | PCB Width     | Min. Length       | Min. Bend Diameter |
|-----------------------|------------|--------------------|---------------|-------------------|--------------------|
| SC-SSE0828-128-XX-24V | 12V        | 9.6W/M<br>2.9 W/FT | 8mm<br>0.315" | 31.25mm<br>1.230" | ≥50°               |
|                       | 24V        |                    |               | 62.5mm<br>2.461"  | R≥50°              |

### 8x18 | Side-view



| Model              | DC Voltage | Rated Watt         | PCB Width     | Min. Length    | Min. Bend Diameter |
|--------------------|------------|--------------------|---------------|----------------|--------------------|
| SC-SSE-0818-WW-24V | 12V        | 9.6W/M<br>2.9 W/FT | 8mm<br>0.315" | 25mm<br>0.984" | ≥30mm              |
|                    | 24V        |                    |               | 50mm<br>1.969" | R≥30               |

### 10x10 | Top-view



| Model                  | DC Voltage | Rated Watt         | PCB Width     | Min. Length    | Min. Bend Diameter |
|------------------------|------------|--------------------|---------------|----------------|--------------------|
| SC-TSE101028-128-XX-24 | 24V        | 7.6W/M<br>2.3 W/FT | 6mm<br>0.236" | 50mm<br>1.969" | ≥75mm              |
|                        |            |                    |               |                | R≥75               |

### 12x8 | Top-view



| Model                 | DC Voltage | Rated Watt         | PCB Width     | Min. Length      | Min. Bend Diameter |
|-----------------------|------------|--------------------|---------------|------------------|--------------------|
| SC-TSE-XX-24V         | 24V        | 8.5W/M<br>2.6 W/FT | 8mm<br>0.315" | 55.5mm<br>2.185" | ≥50mm              |
|                       |            |                    |               |                  | R≥50               |
| SC-TSE1228-160-XX-24V | 24V        | 9.6W/M<br>2.9 W/FT | 8mm<br>0.315" | 50mm<br>1.969"   |                    |
|                       |            |                    |               |                  | R≥50               |

### 12X10 | Top-view



| Model            | DC Voltage | Rated Watt          | PCB Width     | Min. Length      | Min. Bend Diameter |
|------------------|------------|---------------------|---------------|------------------|--------------------|
| SC-TSID-XX-M-24V | 24V        | 12.5W/M<br>3.8 W/FT | 8mm<br>0.315" | 38.5mm<br>1.516" | ≥75mm              |
|                  |            |                     |               |                  | R≥75               |

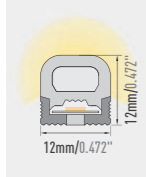
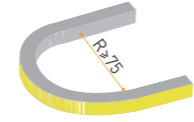
### 12X12 | Top-view



| Model                  | DC Voltage | Rated Watt         | PCB Width      | Min. Length    | Min. Bend Diameter |
|------------------------|------------|--------------------|----------------|----------------|--------------------|
| SC-TSE121228-120-XX-24 | 24V        | 7.6W/M<br>2.3 W/FT | 10mm<br>0.394" | 50mm<br>1.969" | ≥75mm              |
|                        |            |                    |                |                | R≥75               |



### 12x12 | Top-view

| Model                    | DC Voltage | Rated Watt          | PCB Width     | Min. Length      | Min. Bend Diameter |
|--------------------------|------------|---------------------|---------------|------------------|--------------------|
| SC-1212-XX-24            | 24V        | 10W/M<br>3.0 W/FT   | 8mm<br>0.315" | 7.8mm<br>0.307"  | ≥75mm              |
| SC-TSE1228-3S-128-XX-24V | 12V        | 9.6W/M<br>2.9 W/FT  | 8mm<br>0.315" | 62.5mm<br>2.461" |                    |
|                          | 24V        | 14.4W/M<br>4.4 W/FT |               | 50mm<br>1.969"   |                    |

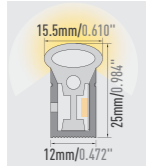
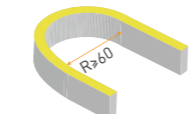
### 12x22 | Side-view

| Model          | DC Voltage | Rated Watt          | PCB Width      | Min. Length     | Min. Bend Diameter |
|----------------|------------|---------------------|----------------|-----------------|--------------------|
| SC-ESID-XX-24V | 12V        | 14.4W/M<br>4.4 W/FT | 12mm<br>0.472" | 50mm<br>1.969"  | ≥100mm             |
|                | 24V        |                     |                | 100mm<br>3.937" |                    |

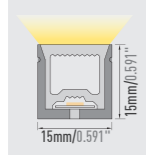

### 12x25 | Side-view

| Model                   | DC Voltage | Rated Watt         | PCB Width      | Min. Length    | Min. Bend Diameter |
|-------------------------|------------|--------------------|----------------|----------------|--------------------|
| SC-SSE-122528-160-WW-24 | 12V        | 9.6W/M<br>2.9 W/FT | 10mm<br>0.394" | 25mm<br>0.984" | ≥60mm              |
|                         | 24V        |                    |                | 50mm<br>1.969" |                    |

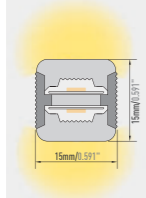
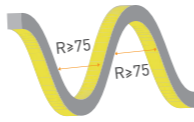
### 15x15 | Top-view

| Model                    | DC Voltage | Rated Watt          | PCB Width     | Min. Length      | Min. Bend Diameter |
|--------------------------|------------|---------------------|---------------|------------------|--------------------|
| SC-TSE1528-128/120-XX-24 | 24V        | 9.6W/M<br>2.9 W/FT  | 8mm<br>0.315" | 62.5mm<br>2.461" | ≥75mm              |
|                          |            | 14.4W/M<br>4.4 W/FT |               | 50mm<br>1.969"   |                    |

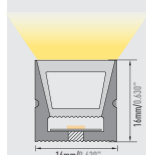
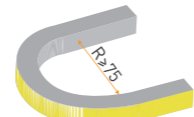
### 15x15 | Top-view

| Model                  | DC Voltage | Rated Watt         | PCB Width      | Min. Length    | Min. Bend Diameter |
|------------------------|------------|--------------------|----------------|----------------|--------------------|
| SC-TSE151528-240-XX-24 | 24V        | 9.6W/M<br>2.9 W/FT | 10mm<br>0.394" | 25mm<br>0.984" | ≥75mm              |

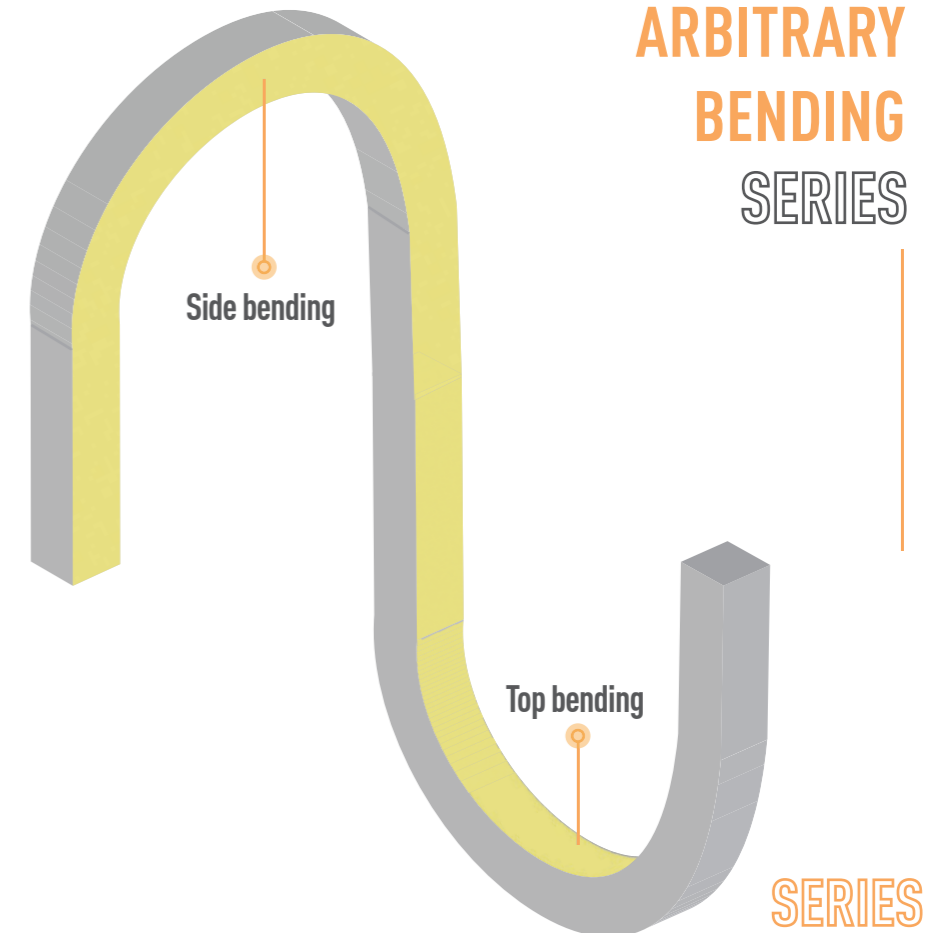



### 16x16 | Top-view

| Model                   | DC Voltage | Rated Watt         | PCB Width      | Min. Length    | Min. Bend Diameter |
|-------------------------|------------|--------------------|----------------|----------------|--------------------|
| SC-TSE161628-160-XX-24V | 24V        | 9.6W/M<br>2.9 W/FT | 10mm<br>0.394" | 50mm<br>1.969" | ≥75mm              |

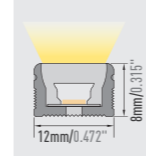
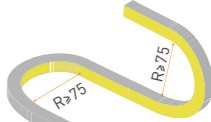



# FLEXIBLE NEON



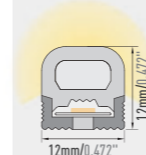

### 12x8 | Top-view

| Model                                  | DC Voltage | Rated Watt          | PCB Width     | Min. Length       | Min. Bend Diameter |
|--|------------|---------------------|---------------|-------------------|--------------------|
| SC-2835-06-JT1208W-XX-12/24-144-8-IP67 | 12V        | 8.64W/M<br>2.6 W/FT | 8mm<br>0.315" | 41.67mm<br>1.641" | ≥75mm              |
|  | 24V        | 14.4W/M<br>4.4 W/FT |               |                   |                    |

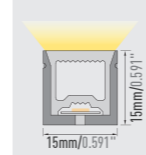
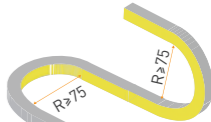
### 12X12 | Top-view

| Model                                  | DC Voltage | Rated Watt          | PCB Width     | Min. Length       | Min. Bend Diameter |
|--|------------|---------------------|---------------|-------------------|--------------------|
| SC-2835-06-TT1212W-XX-12/24-144-8-IP67 | 12V        | 8.64W/M<br>2.6 W/FT | 8mm<br>0.315" | 41.67mm<br>1.641" | ≥75mm              |
|  | 24V        | 14.4W/M<br>4.4 W/FT |               |                   |                    |

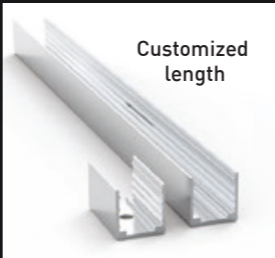
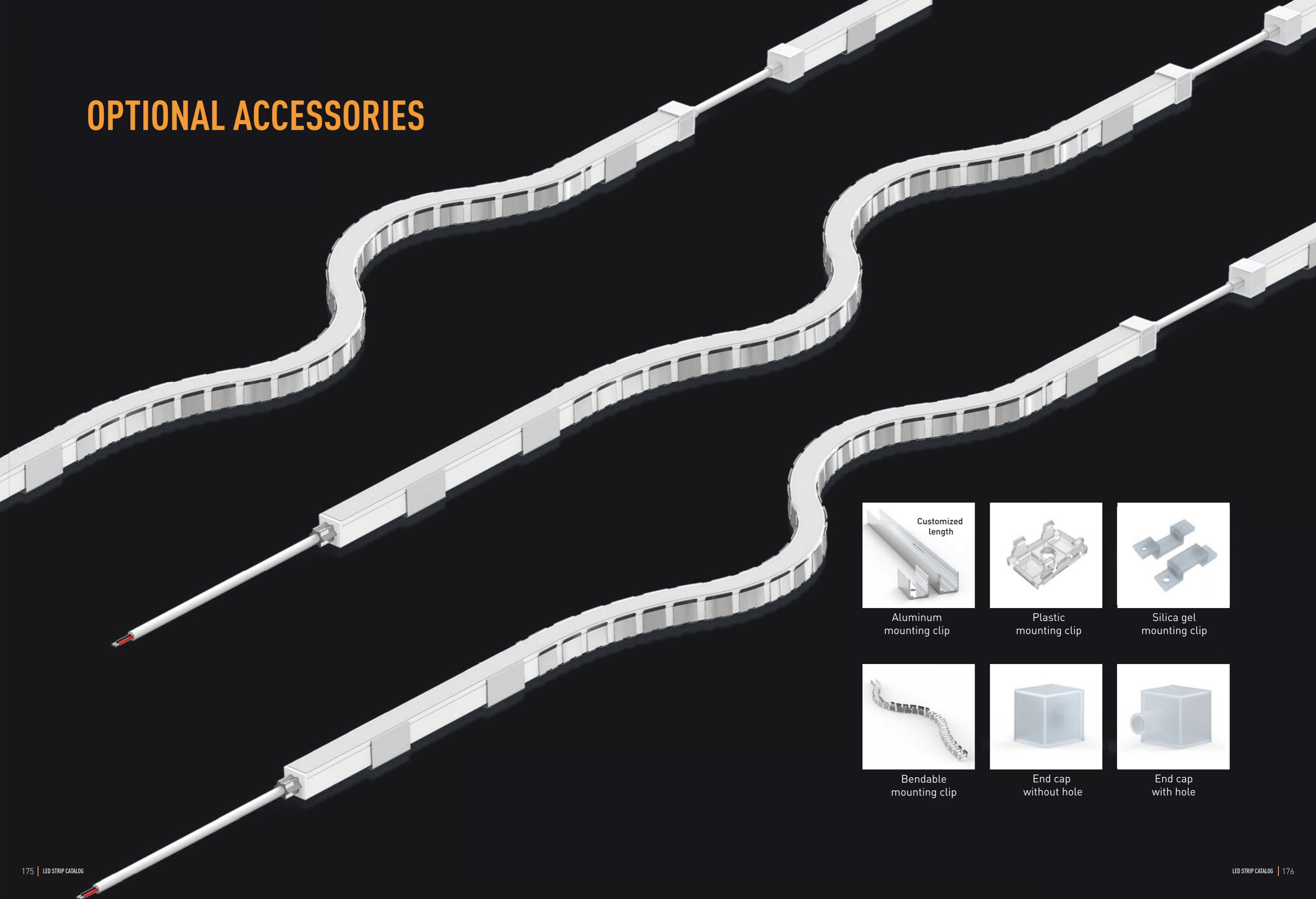
### 15X15 | Top-view

| Model                   | DC Voltage | Rated Watt          | PCB Width     | Min. Length       | Min. Bend Diameter |
|-------------------------|------------|---------------------|---------------|-------------------|--------------------|
| SC-TSE1528-3D-96-XX-24V | 24V        | 14.4W/M<br>4.4 W/FT | 8mm<br>0.315" | 20.83mm<br>0.820" | ≥75mm              |



# OPTIONAL ACCESSORIES



Customized length

Aluminum mounting clip



Plastic mounting clip



Silica gel mounting clip



Bendable mounting clip



End cap without hole



End cap with hole

# 4mm Silicon Series

4x11mm



- 2835LED
- Dot-free illumination
- Side view; can be bent vertically
- Indoor and outdoor application
- Dimension: 4x11mm/0.16"x0.43"
- Silica gel

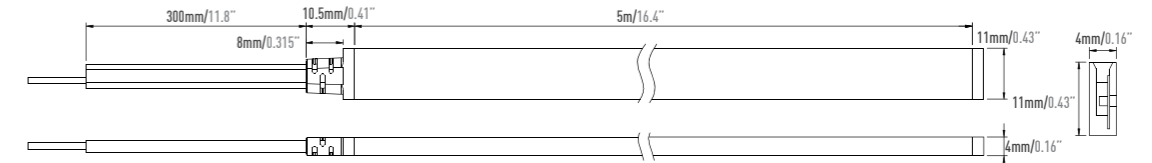
Available colors



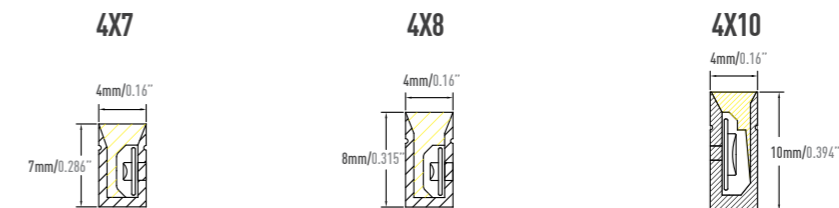
## 128 LEDs /M

| Model                   | Rated Watt         | DC Voltage  | Beam Angle   | CRI      | IP Rating |
|-------------------------|--------------------|-------------|--------------|----------|-----------|
| SC-SW4-XX<br>SC-SW4-XXX | 9.6W/M<br>2.9 W/FT | 24V<br>24 V | 120°<br>120° | 80<br>80 | 67<br>67  |

| Lumens               |                      |                      |
|----------------------|----------------------|----------------------|
| 329Lm/M<br>100 Lm/FT | 344Lm/M<br>104 Lm/FT | 355Lm/M<br>108 Lm/FT |



## More sizes optional



2835 Series  
RGB Series  
Built-in IC Series  
2110 & 21016 Series  
3014 Series  
3528 Series  
5050 Series  
Special Strip  
COB Strip  
Neon Flex  
Rigid Strip  
Strip Kits

# 6mm Silicon Series

6x11mm

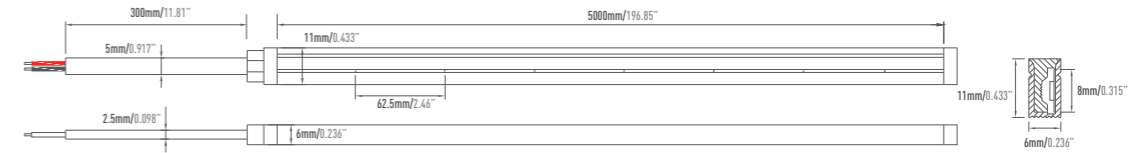
- 2835LED
- Dot-free illumination;
- Side view; can be bent vertically
- Indoor and outdoor application
- Dimension: 6x11mm/0.24"x0.43"
- Silica gel

Available colors



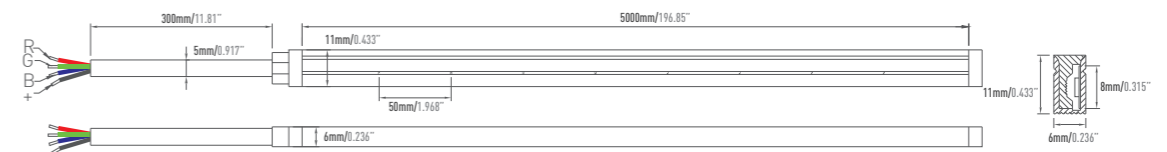
## Monochrome

| Model                            | Rated Watt         | DC Voltage  | Beam Angle   | CRI      | IP Rating | Lumens               |                      |                      |
|----------------------------------|--------------------|-------------|--------------|----------|-----------|----------------------|----------------------|----------------------|
| SC-SSE0628-128<br>SC-SSE0628-128 | 9.6W/M<br>2.9 W/FT | 24V<br>24 V | 120°<br>120° | 80<br>80 | 67<br>67  | 525Lm/M<br>159 Lm/FT | 540Lm/M<br>164 Lm/FT | 550Lm/M<br>167 Lm/FT |

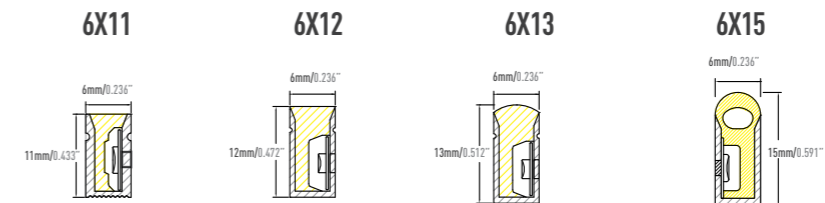


## RGB

| Model                            | Rated Watt           | DC Voltage  | Beam Angle   | CRI      | IP Rating |
|----------------------------------|----------------------|-------------|--------------|----------|-----------|
| SC-SSE0647-120<br>SC-SSE0647-120 | 14.4W/M<br>4.36 W/FT | 24V<br>24 V | 120°<br>120° | 80<br>80 | 67<br>67  |



## More sizes optional (6mm Silicon Series)



# 8mm Silicon Series

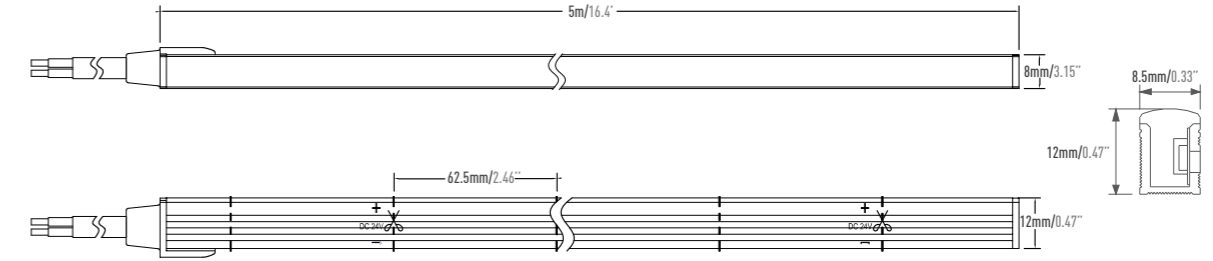
## Side-View

- White color version adopt 2835 high brightness LED, CRI 80 and CRI 90 both available;
- Mini size 8mm\*12mm with high flexibility, Minimum bending radius can be 50MM;
- Side-view design makes dot-free illumination and high uniformity;
- High quality silicon material, extrusion process makes IP67 ;
- Special window-design makes cutting convenient and easy;
- Providing accesories for cutting and installation.

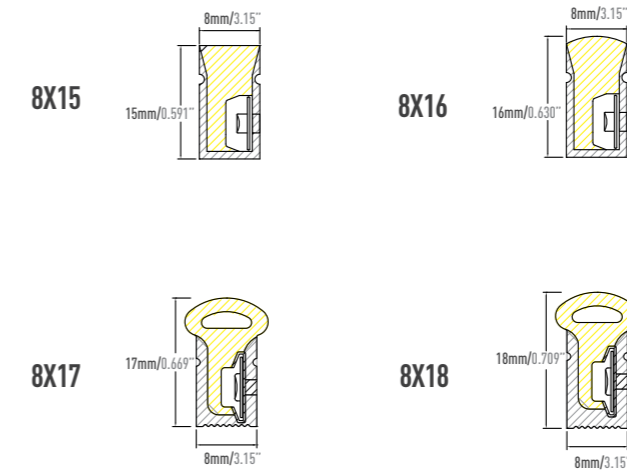


## Silicon Series

| Model                            | Rated Watt         | DC Voltage  | Beam Angle   | CRI      | IP Rating | Lumens               |                      |                      |
|----------------------------------|--------------------|-------------|--------------|----------|-----------|----------------------|----------------------|----------------------|
| SC-SSE0828-128<br>SC-SSE0828-128 | 9.6W/M<br>2.3 W/FT | 24V<br>24 V | 120°<br>120° | 80<br>80 | 67<br>67  | 505Lm/M<br>153 Lm/FT | 532Lm/M<br>161 Lm/FT | 517Lm/M<br>157 Lm/FT |



## More sizes optional (8mm Silicon Series)



### Available colors



WW+W (2-in-1)

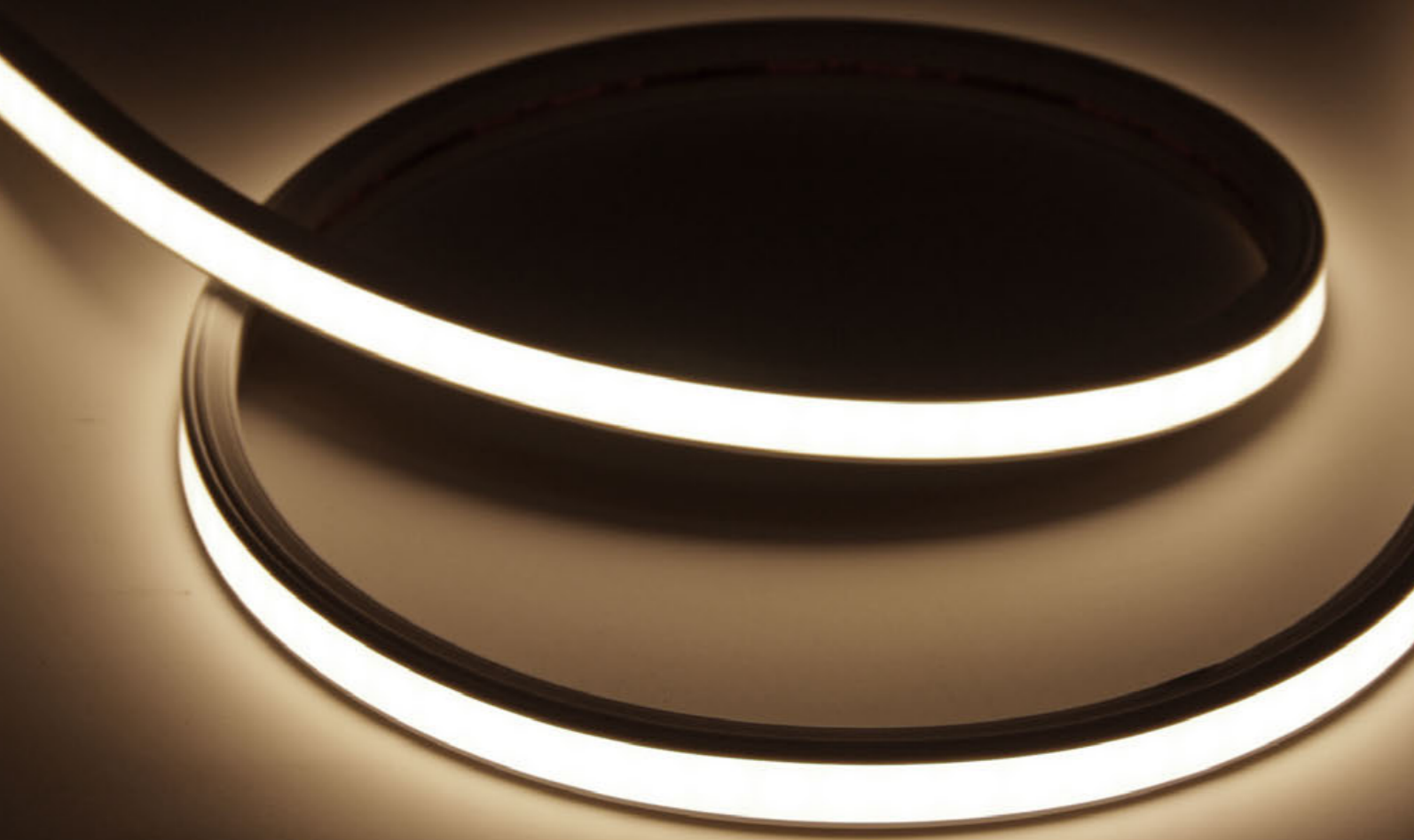


- 2835 Series
- RGB Series
- Built-in IC Series
- 2110 & 21016 Series
- 3014 Series
- 3528 Series
- 5050 Series
- Special Strip
- COB Strip
- Neon Flex
- Rigid Strip
- Strip Kits

# 8mm Silicon Series

## Top-View

- White color version adopt 2835 high brightness LED, CRI 80 and CRI 90 both available;
- Mini size 12mm\*8mm with high flexibility, Minimum bending radius can be 50MM;
- Top-view design makes dot-free illumination and high uniformity;
- High quality silicon material, extrusion process makes IP67 ;
- Special window-design makes cutting convenient and easy;
- Providing accesories for cutting and installation.



Available colors

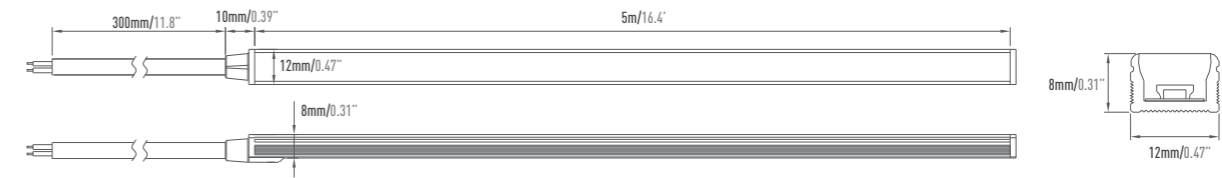


WW+W (2-in-1)

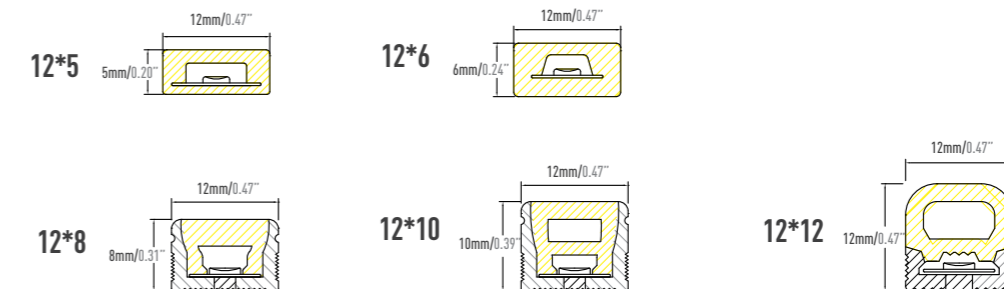


## Silicon Series

| Model                    | Rated Watt         | DC Voltage  | Beam Angle   | CRI      | IP Rating | Lumens               |                      |                      |
|--------------------------|--------------------|-------------|--------------|----------|-----------|----------------------|----------------------|----------------------|
| SC-TSE-160<br>SC-TSE-160 | 9.6W/M<br>2.9 W/FT | 24V<br>24 V | 120°<br>120° | 80<br>80 | 67<br>67  | 877Lm/M<br>266 Lm/FT | 880Lm/M<br>267 Lm/FT | 863Lm/M<br>262 Lm/FT |



## More sizes optional (Top-View Series)



2835 Series  
RGB Series  
Built-in IC Series  
2110 & 21016 Series  
3014 Series  
3528 Series  
5050 Series  
Special Strip  
COB Strip  
Neon Flex  
Rigid Strip  
Strip Kits

# 12mm Silicon Series

Available colors



RGB+WW (4-in-1)

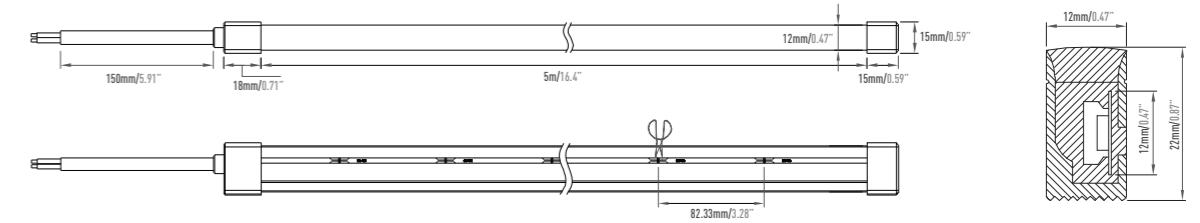
- 5050 LED
- Dot-free illumination
- Indoor and outdoor application
- Dimension: 11.5x22mm
- UV-resistant



## Monochromatic Series

| Model              | Rated Watt           | DC Voltage  | Beam Angle   | CRI      | IP Rating |
|--------------------|----------------------|-------------|--------------|----------|-----------|
| SC-SSED<br>SC-SSED | 14.4W/M<br>4.39 W/FT | 24V<br>24 V | 120°<br>120° | 80<br>80 | 67<br>67  |

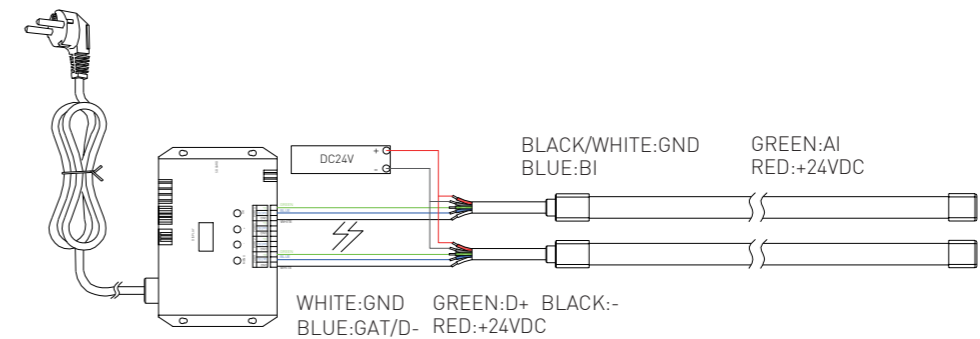
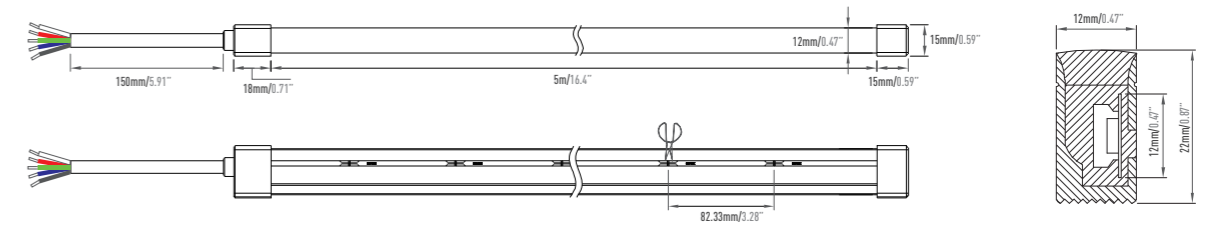
| Lumens               |                      |                     |
|----------------------|----------------------|---------------------|
| 350Lm/M<br>106 Lm/FT | 337Lm/M<br>102 Lm/FT | 297Lm/M<br>90 Lm/FT |



## RGBWW Series

| Model                            | Rated Watt           | DC Voltage  | Beam Angle   | CRI      | IP Rating |
|----------------------------------|----------------------|-------------|--------------|----------|-----------|
| SC-SSED-RGB+WW<br>SC-SSED-RGB+WW | 19.2 W/M<br>5.8 W/FT | 24V<br>24 V | 120°<br>120° | 80<br>80 | 67<br>67  |

| Lumens              |                    |                     |                      |                      |
|---------------------|--------------------|---------------------|----------------------|----------------------|
| 36 Lm/M<br>11 Lm/FT | 14 Lm/M<br>4 Lm/FT | 70 Lm/M<br>21 Lm/FT | 140 Lm/M<br>43 Lm/FT | 240 Lm/M<br>73 Lm/FT |



2835 Series  
RGB Series  
Built-in IC Series  
2110 & 21016 Series  
3014 Series  
3528 Series  
5050 Series  
Special Strip  
COB Strip  
Neon Flex  
Rigid Strip  
Strip Kits

# 15mm Silicon Series



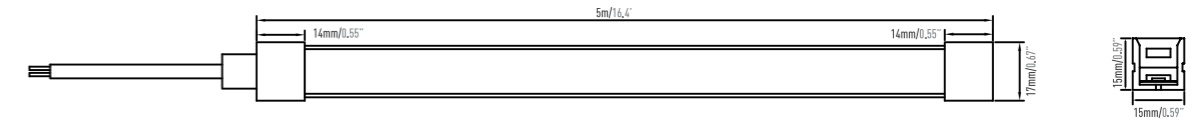
- 2835LED
- Dot-free illumination
- Indoor and outdoor application
- Dimension: 15x 15mm
- First-class PVC material, UV-resistant



for PVC for PVC & Silicon

## Silicon Series

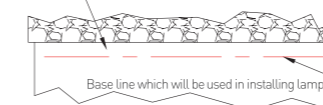
| Model                                  | Rated Watt           | DC Voltage | Beam Angle   | CRI      | IP Rating | Lumens               |                      |                      |
|--|----------------------|------------|--------------|----------|-----------|----------------------|----------------------|----------------------|
| SC-TSE1528-12D-XX<br>SC-TSE1528-12D-XX | 14.4W/M<br>4.39 W/FT | 24V<br>24V | 120°<br>120° | 80<br>80 | 67<br>67  | 520Lm/M<br>158 Lm/FT | 580Lm/M<br>179 Lm/FT | 600Lm/M<br>183 Lm/FT |



### Installation instructions

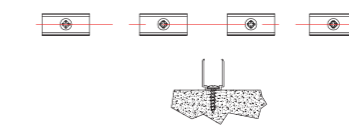
Pull a parallel string on which the LED strip will be installed

surface which strip will be installed on (inverse, vertical, horizontal or 90° vertically)

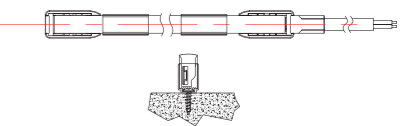


Base line which will be used in installing lamp.

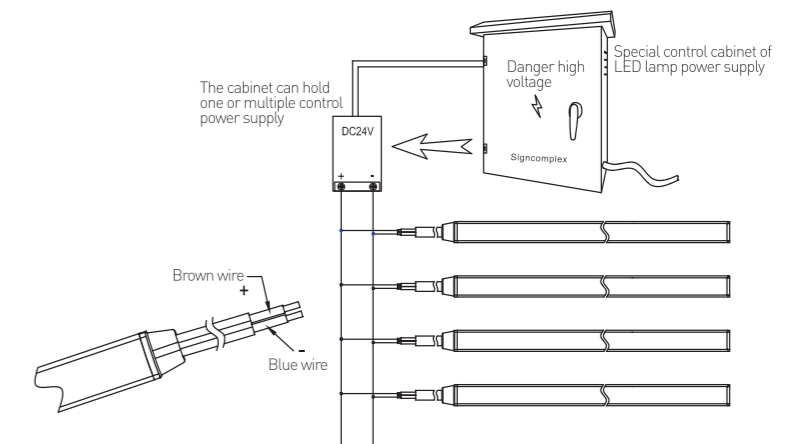
Fix the clip on the base line, and the distance depends on practical situation.



After the clip is fixed, insert the LED strip into the slot with luminous surface closing to the thumb; The maximum installation angle can't exceed 60°



connect power wire: use power cabinet which is waterproof, dampproof, and dustproof.



# 0410 Series

Ultra-narrow

Available colors

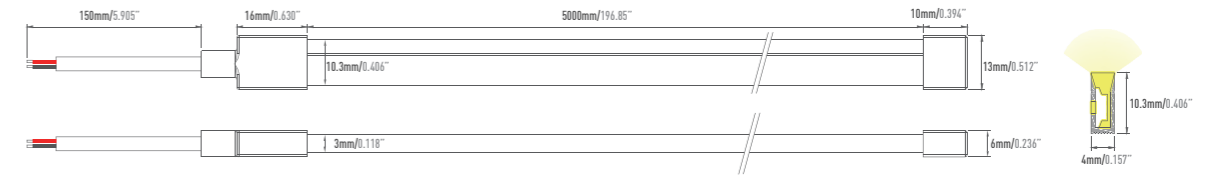


- Good softness, highly malleable
- Various LEDs available
- Good waterproof effect, safer application
- Easy to install



## 128 LEDs /M

| Model                        | Rated Watt         | DC Voltage  | Beam Angle   | CRI      | IP Rating | Lumens              |                     |                      |
|------------------------------|--------------------|-------------|--------------|----------|-----------|---------------------|---------------------|----------------------|
| SC-SSE041028<br>SC-SSE041028 | 7.7W/M<br>2.3 W/FT | 24V<br>24 V | 120°<br>120° | 80<br>80 | 65<br>65  | 257Lm/M<br>78 Lm/FT | 299Lm/M<br>91 Lm/FT | 333Lm/M<br>101 Lm/FT |



- 2835 Series
- RGB Series
- Built-in IC Series
- 2110 & 21016 Series
- 3014 Series
- 3528 Series
- 5050 Series
- Special Strip
- COB Strip
- Neon Flex
- Rigid Strip
- Strip Kits



# 0615 Series

6x15mm

Available colors

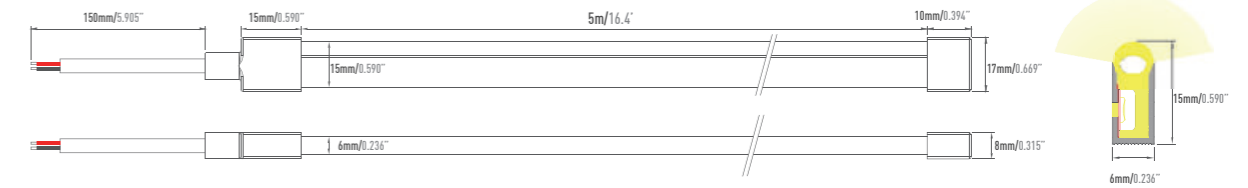


- Good softness, highly malleable
- Various LEDs available
- Good waterproof effect, safer application
- Easy to install



## 128 LEDs /M

| Model                        | Rated Watt         | DC Voltage  | Beam Angle   | CRI      | IP Rating | Lumens               |                      |                      |
|------------------------------|--------------------|-------------|--------------|----------|-----------|----------------------|----------------------|----------------------|
| SC-SSE061528<br>SC-SSE061528 | 7.7W/M<br>2.3 W/FT | 24V<br>24 V | 160°<br>160° | 80<br>80 | 65<br>65  | 473Lm/M<br>145 Lm/FT | 442Lm/M<br>135 Lm/FT | 551Lm/M<br>168 Lm/FT |



# 0818 Series

Side-emitting

Available colors



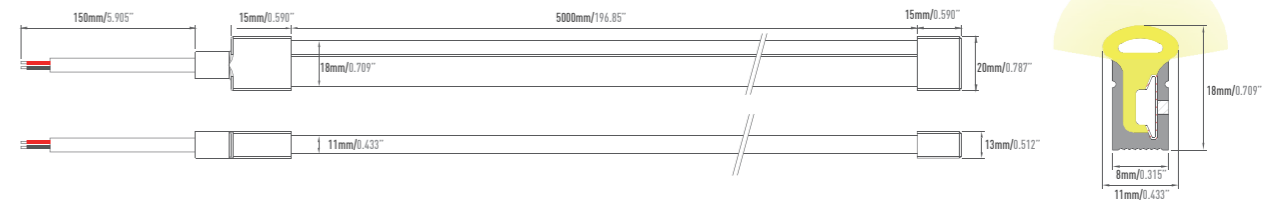
- Good softness, highly malleable
- Various LEDs available, more uniform luminescence, no graininess on close inspection, soft light
- Good waterproof effect, safer application
- Easy to install



## 160 LEDs /M

| Model        | Rated Watt | DC Voltage | Beam Angle | CRI | IP Rating |
|--------------|------------|------------|------------|-----|-----------|
| SC-SSE081828 | 9.6W/M     | 24V        | 160°       | 80  | 65        |
| SC-SSE081828 | 2.9 W/FT   | 24 V       | 160°       | 80  | 65        |

| Lumens               |                      |                      |
|----------------------|----------------------|----------------------|
| 399Lm/M<br>122 Lm/FT | 426Lm/M<br>130 Lm/FT | 480Lm/M<br>146 Lm/FT |



# 1515 Series NEW

Dual-sided Lighting

Available colors

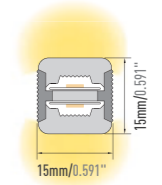
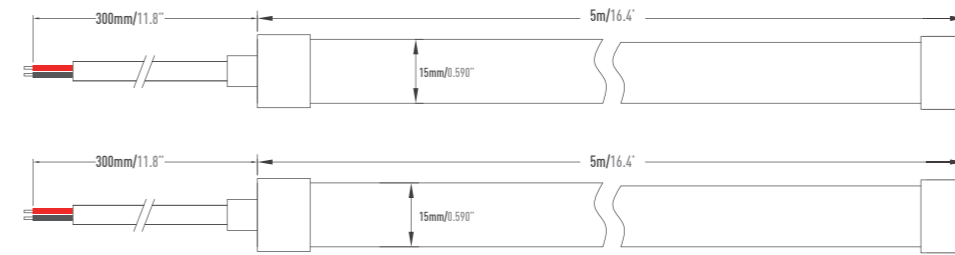


- A silicone tube can emit two kinds of light: up and down, left and right, and can emit different light in two directions at the same time
- FPC with different color temperature can be placed on both sides
- Can see the strong contrast on both sides of the luminous effect
- High-end vapor phase silicone, strong weather resistance, no yellowing, good softness and plasticity.



## 240 LEDs /M

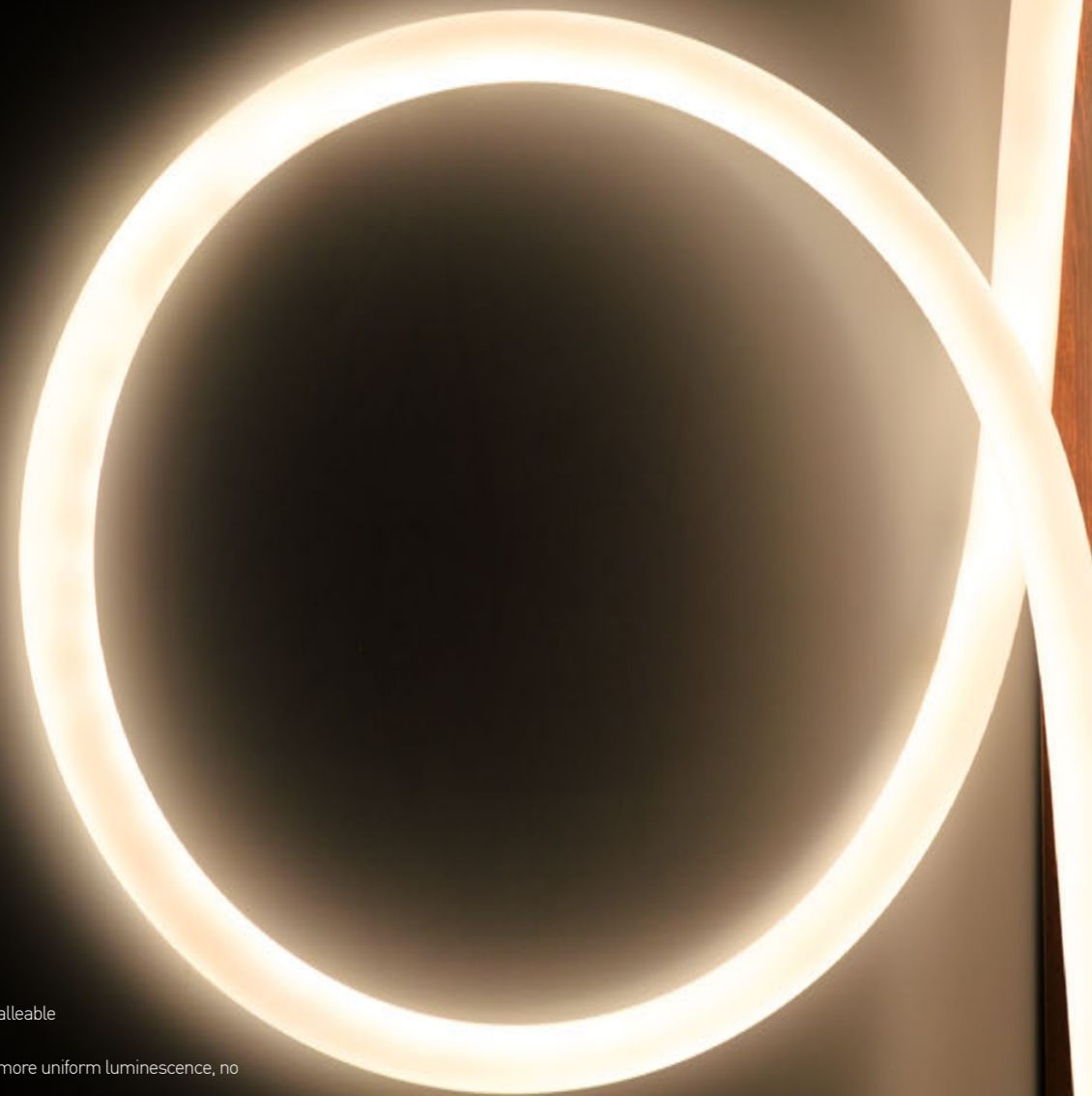
| Model                        | Rated Watt         | DC Voltage  | Beam Angle   | CRI      | IP Rating | Lumens                |                       |                        |
|------------------------------|--------------------|-------------|--------------|----------|-----------|-----------------------|-----------------------|------------------------|
| SC-TSE151528<br>SC-TSE151528 | 9.6W/M<br>2.9 W/FT | 24V<br>24 V | 216°<br>216° | 86<br>86 | 65<br>65  | 3225Lm/M<br>983 Lm/FT | 3265Lm/M<br>995 Lm/FT | 3305Lm/M<br>1007 Lm/FT |



- 2835 Series
- RGB Series
- Built-in IC Series
- 2110 & 21016 Series
- 3014 Series
- 3528 Series
- 5050 Series
- Special Strip
- COB Strip
- Neon Flex
- Rigid Strip
- Strip Kits

# 360° Lighting Series

Available colors

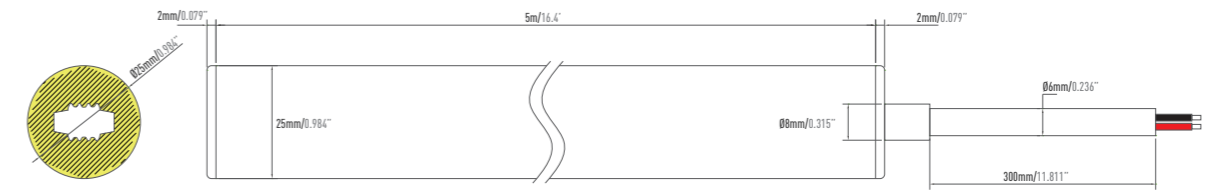


- Good softness, highly malleable
- Various LEDs available, more uniform luminescence, no graininess on close inspection, soft light
- Good waterproof effect, safer application
- Easy to install

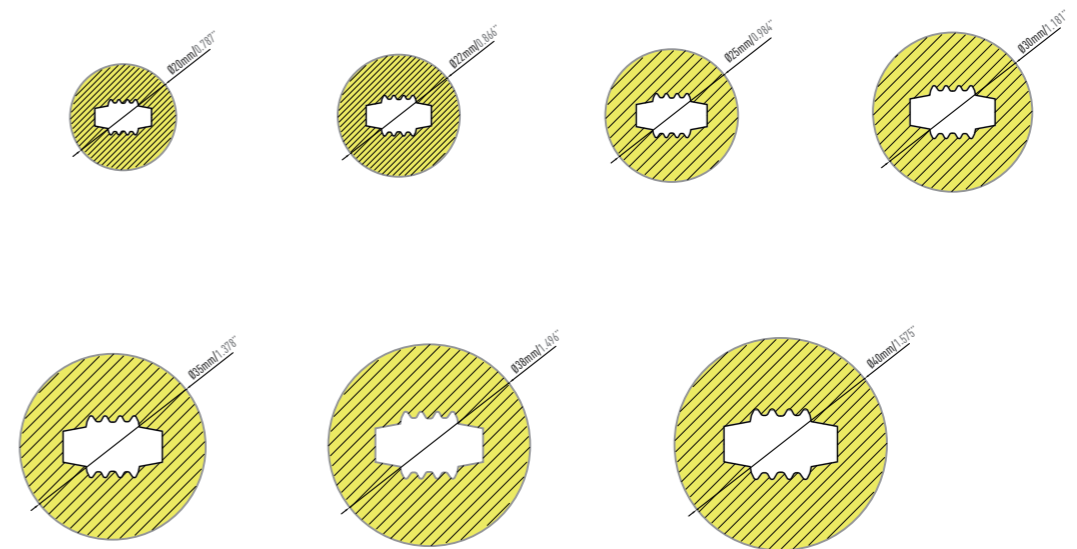


## 128 LEDs /M

| Model                        | Rated Watt          | DC Voltage  | Beam Angle   | CRI      | IP Rating | Lumens                |                       |                       |
|------------------------------|---------------------|-------------|--------------|----------|-----------|-----------------------|-----------------------|-----------------------|
| SC-SSE-D2528<br>SC-SSE-D2528 | 15.4W/M<br>4.7 W/FT | 24V<br>24 V | 360°<br>360° | 80<br>80 | 65<br>65  | 2178Lm/M<br>664 Lm/FT | 2338Lm/M<br>713 Lm/FT | 2258Lm/M<br>688 Lm/FT |



## More sizes optional



2835 Series  
RGB Series  
Built-in IC Series  
2110 & 21016 Series  
3014 Series  
3528 Series  
5050 Series  
Special Strip  
COB Strip  
Neon Flex  
Rigid Strip  
Strip Kits

# Flexible wall washer



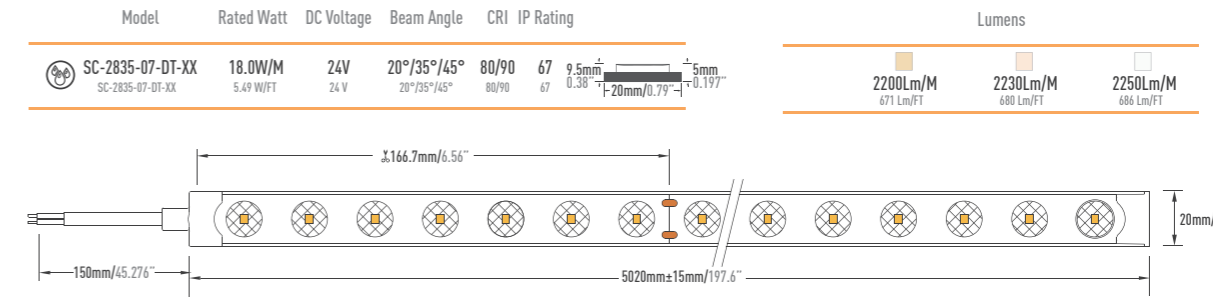
With lens



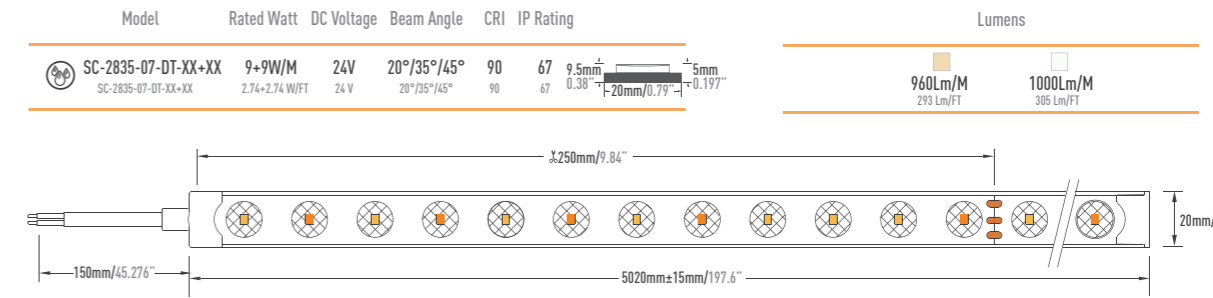
- Can be used as traditional wall washer, and can be used for building dark edge hooking and curved surface lighting
- Special adhesive packaging, firm and reliable, IP66 protection grade, durable
- Imported LED brand chips have long lifespan, stable lighting, low light attenuation and good lighting consistency
- Various installation methods: adhesive backing, stainless steel buckle and profile
- The longest cascade is 10 m, minimum cut length 166.66mm, and different lengths can be customized



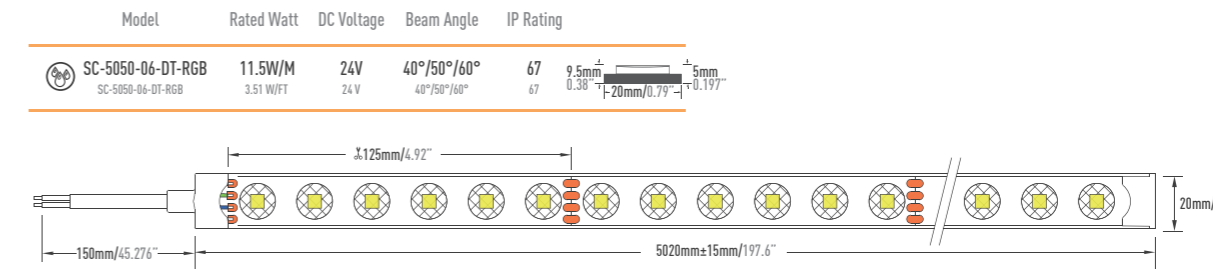
## Single color



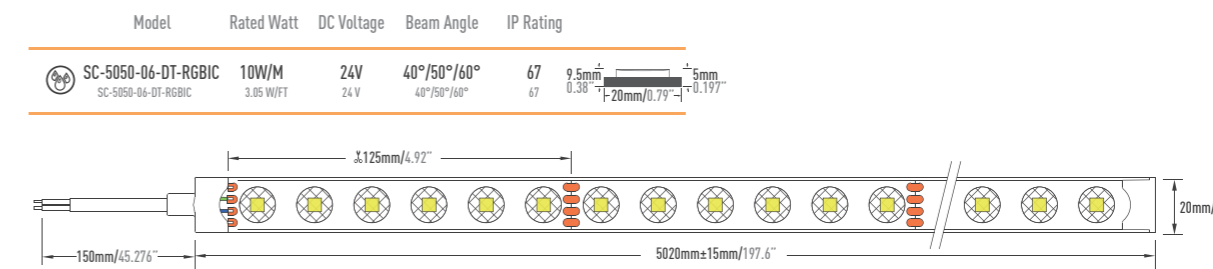
## WW+W



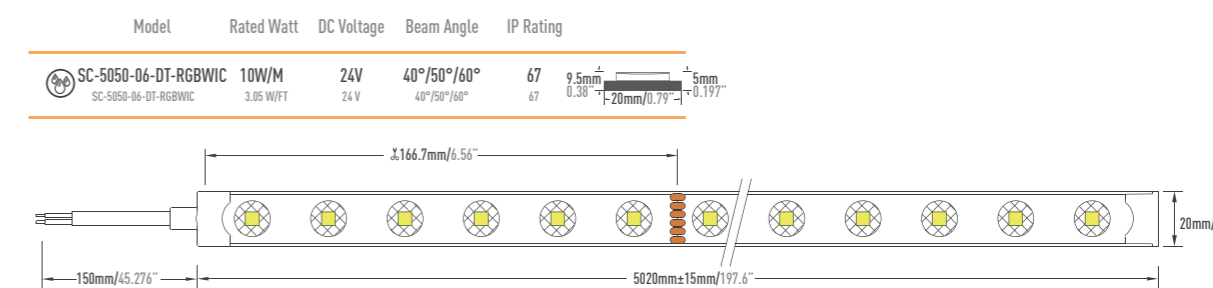
## RGB



## RGBIC



## RGBWIC

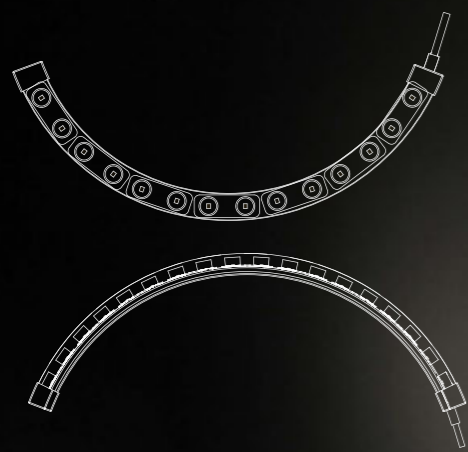


- 2835 Series
- RGB Series
- Built-in IC Series
- 2110 & 21016 Series
- 3014 Series
- 3528 Series
- 5050 Series
- Special Strip
- COB Strip
- Neon Flex
- Rigid Strip
- Strip Kits

# Flexible wall washer NEW

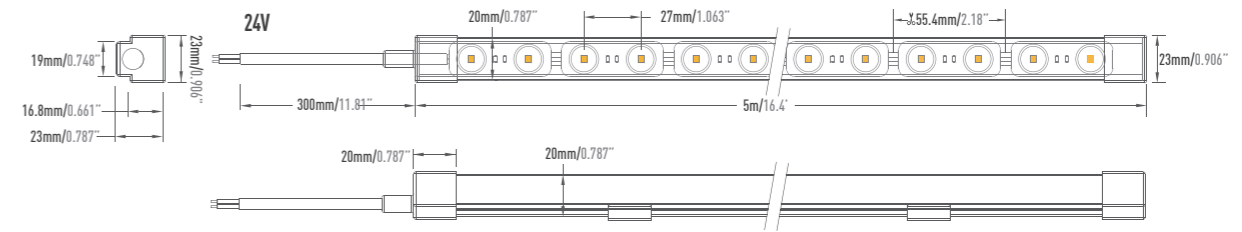
With half silicone tube

- Spotlight wall washing lighting
- A variety of lenses available
- Bidirectional bending, wider applicability
- Optimized luminous design, uniform light distribution
- Food grade silicone material, environmental protection, high light transmittance, ultraviolet radiation resistance, yellowing resistance, strong weather resistance



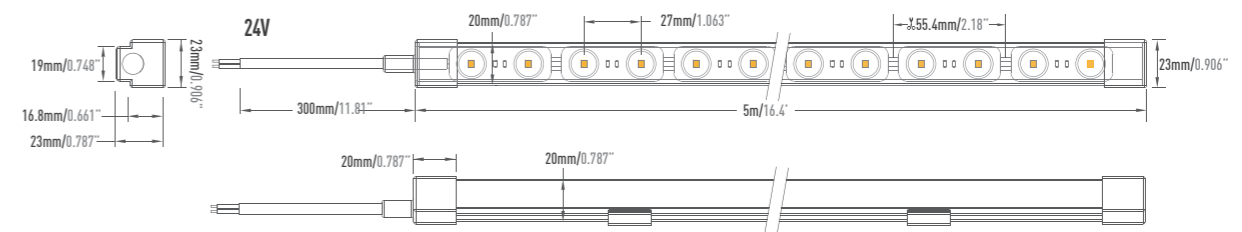
## Single color

| Model                    | Rated Watt         | LED Qty. | DC Voltage  | Beam Angle                                 | CRI      | IP Rating | Lumens                |                       |                       |
|--------------------------|--------------------|----------|-------------|--|----------|-----------|-----------------------|-----------------------|-----------------------|
| SC-2835-XX<br>SC-2835-XX | 20W/M<br>6.10 W/FT | 36LEDs/m | 24V<br>24 V | 20°/35°/45°/30°*60°<br>20°/35°/45°/30°*60° | 90<br>90 | 65<br>65  | 1400Lm/M<br>427 Lm/FT | 1450Lm/M<br>442 Lm/FT | 1500Lm/M<br>457 Lm/FT |



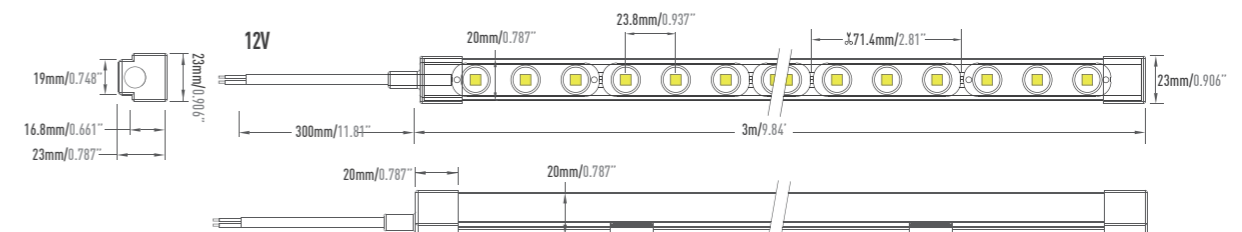
## WW+W

| Model                        | Rated Watt         | LED Qty.    | DC Voltage  | Beam Angle                                 | CRI      | IP Rating | Lumens                       |  |  |
|------------------------------|--------------------|-------------|-------------|--|----------|-----------|------------------------------|--|--|
| SC-2835-WW+W<br>SC-2835-WW+W | 20W/M<br>6.10 W/FT | 18+18LEDs/m | 24V<br>24 V | 20°/35°/45°/30°*60°<br>20°/35°/45°/30°*60° | 90<br>90 | 65<br>65  | 700+750Lm/M<br>213+229 Lm/FT |  |  |



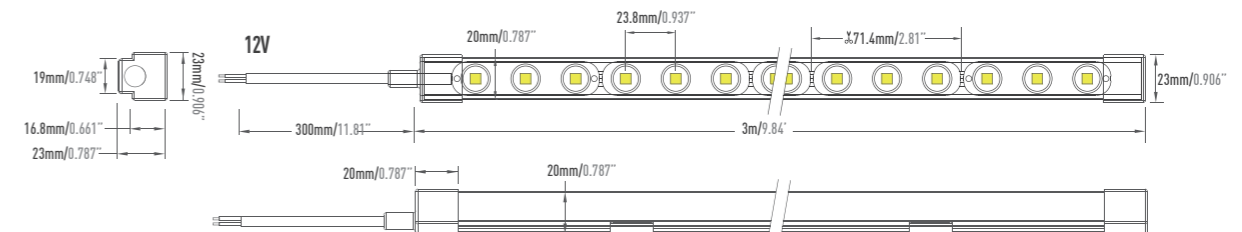
## RGB

| Model                      | Rated Watt         | LED Qty. | DC Voltage  | Beam Angle                 | IP Rating |
|----------------------------|--------------------|----------|-------------|----------------------------|-----------|
| SC-5050-RGB<br>SC-5050-RGB | 10W/M<br>3.05 W/FT | 42LEDs/m | 12V<br>12 V | 40°/50°/60°<br>40°/50°/60° | 65<br>65  |



## RGBIC

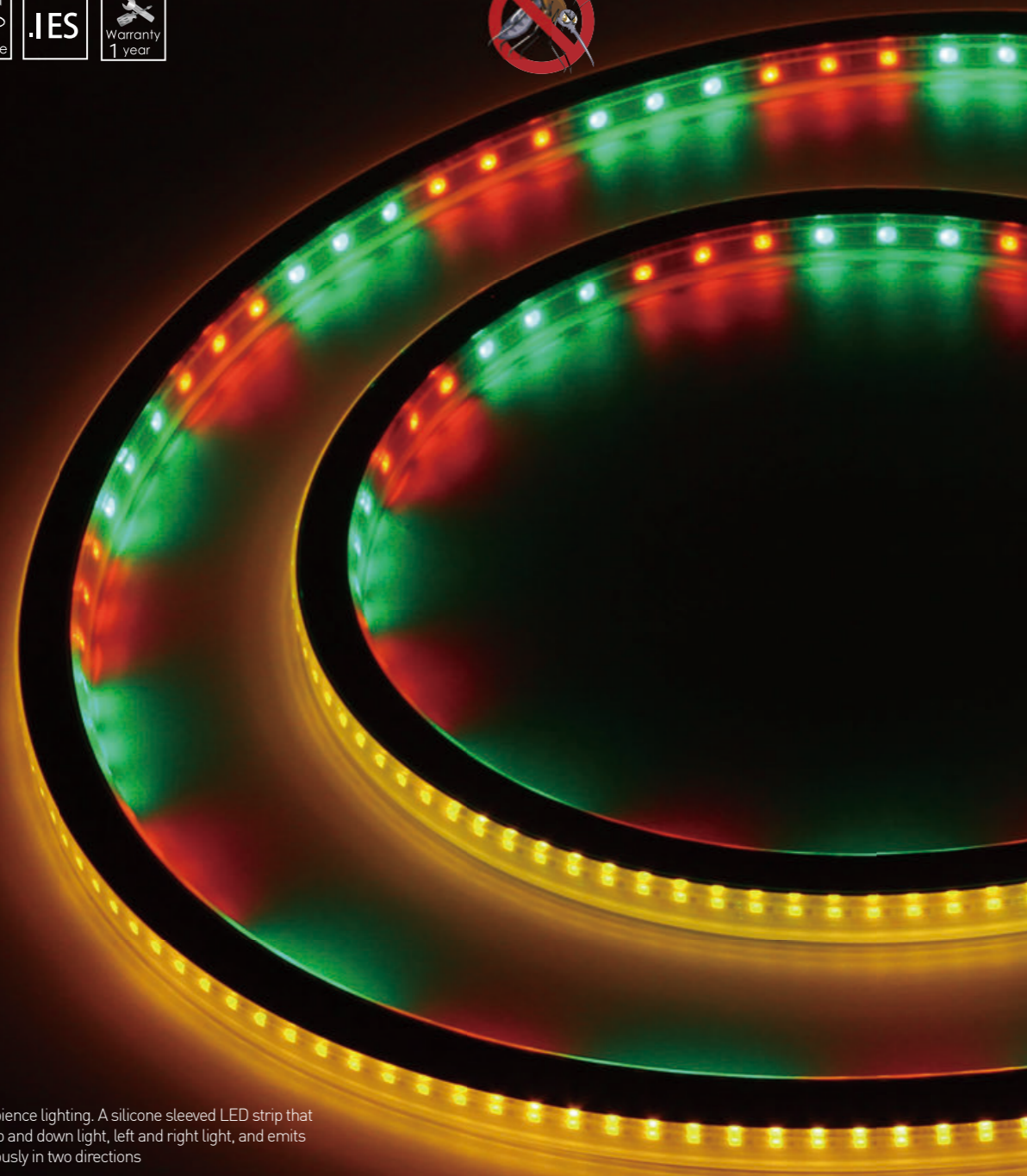
| Model                          | Rated Watt        | LED Qty. | DC Voltage  | Beam Angle                 | IP Rating |
|--------------------------------|-------------------|----------|-------------|----------------------------|-----------|
| SC-5050-RGBIC<br>SC-5050-RGBIC | 8W/M<br>2.44 W/FT | 42LEDs/m | 12V<br>12 V | 40°/50°/60°<br>40°/50°/60° | 65<br>65  |



2835 Series  
RGB Series  
Built-in IC Series  
2110 & 21016 Series  
3014 Series  
3528 Series  
5050 Series  
Special Strip  
COB Strip  
Neon Flex  
Rigid Strip  
Strip Kits

# Mosquito-Repelling Series NEW

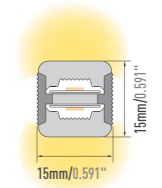
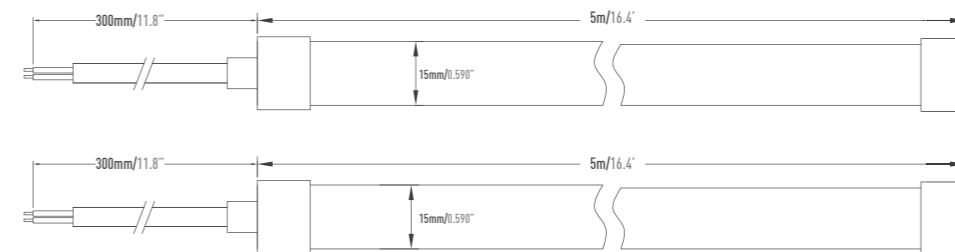
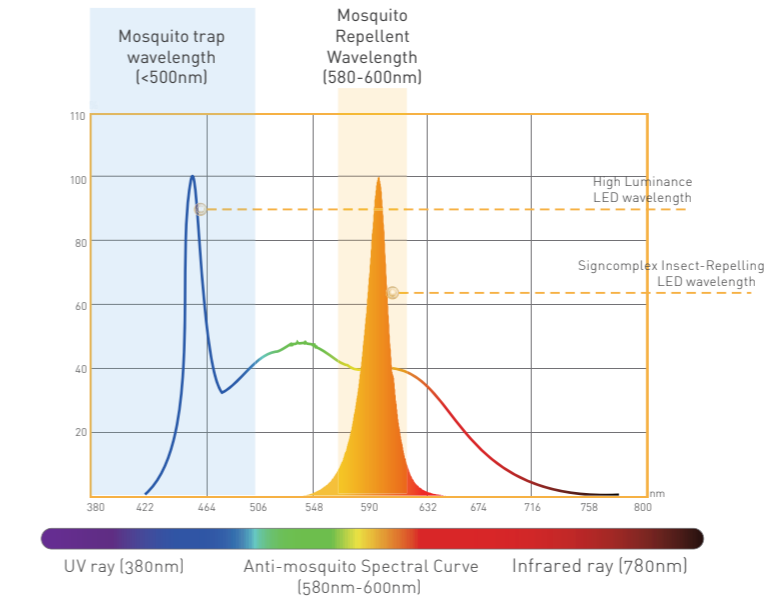
Mosquito repellent & ambience lighting



- Mosquito repellent & ambience lighting. A silicone sleeved LED strip that emits two types of light, up and down light, left and right light, and emits different lights simultaneously in two directions
- SMD5050 external IC LED, multiple color variations, static and dynamic ambient lighting effects
- It uses a special light source to attract mosquitoes and effectively repel them
- Meets the customer's need for mosquito prevention during outdoor travel and camping, energy-saving and environmentally friendly, with no side effects
- Small in size and easy to carry. It can be placed on camping tables or at tent entrances for convenience

## 120+60 LEDs /M

| Model                  | Rated Watt | DC Voltage | Beam Angle | IP Rating |
|------------------------|------------|------------|------------|-----------|
| SC-(2835+5050)-TT1515W | 5W/M       | 5V         | 216°       | 67        |
| SC-(2835+5050)-TT1515W | 1.5 W/FT   | 5 V        | 216°       | 67        |



# Mosquito-Repelling Series NEW

1005 Series

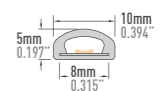
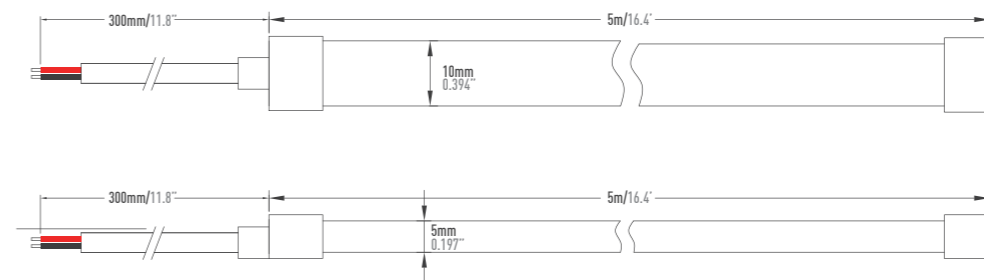
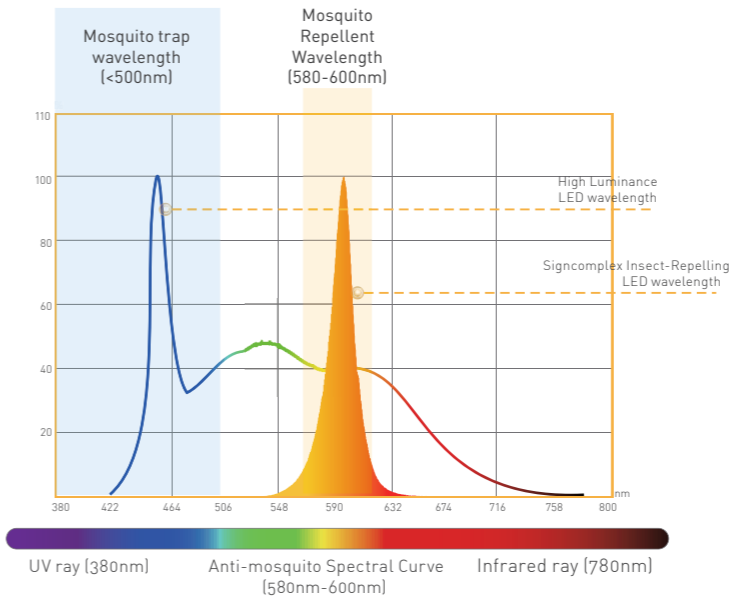


- Meets the customer's need for mosquito prevention during outdoor travel and camping, energy-saving and environmentally friendly, with no side effects
- It uses a special light source to attract mosquitoes and effectively repel them
- Small in size and easy to carry. It can be placed on camping tables or at tent entrances for convenience



## 120 LEDs /M

| Model                                    | Rated Watt       | DC Voltage | Beam Angle       | IP Rating |
|--|------------------|------------|------------------|-----------|
| SC-2835-01-JT1005W<br>SC-2835-01-JT1005W | 5W/M<br>1.5 W/FT | 5V<br>5V   | 116.5°<br>116.5° | 65<br>65  |



2835 Series  
RGB Series  
Built-in IC Series  
2110 & 21016 Series  
3014 Series  
3528 Series  
5050 Series  
Special Strip  
COB Strip  
Neon Flex  
Rigid Strip  
Strip Kits



Smooth line technology brings new style lighting that instead of using COB LED strips

# SMD Smooth Line Silicone Extrusion



### GOOD BENDABILITY

High-end vapor phase silicone, good softness and plasticity.

### SOFT LIGHT

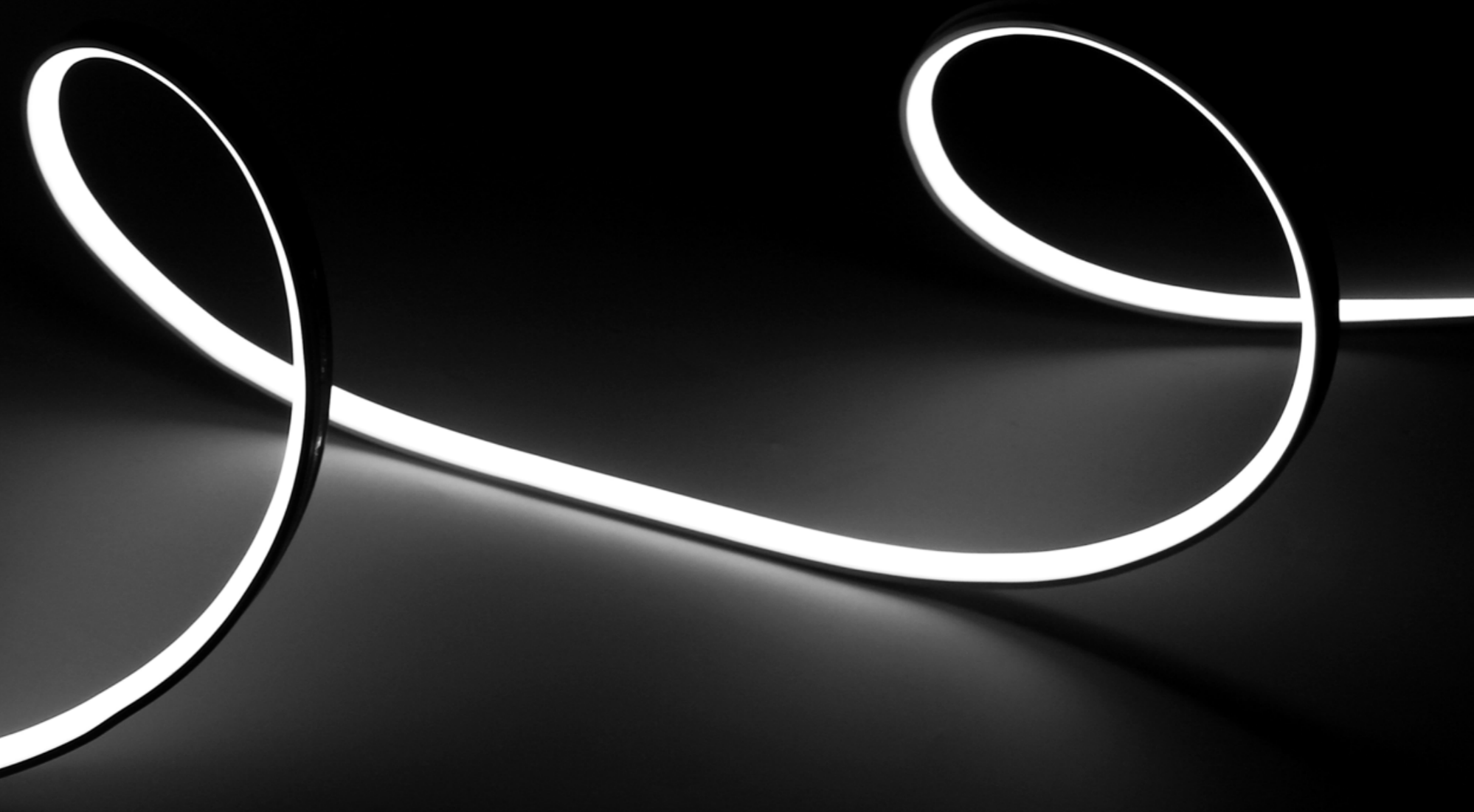
Soft light, dot free, linear light, extremely flexible, high reliability.

### IP67 WATERPROOF

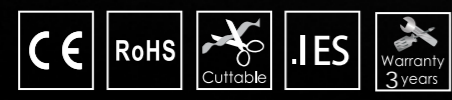
SMD strip light with silicone extrusion process, providing excellent sealing performance.

### VARIOUS TYPES AVAILABLE

10\*9.5mm, 10\*6.5mm, 10\*5.5mm, 10\*4.5mm.

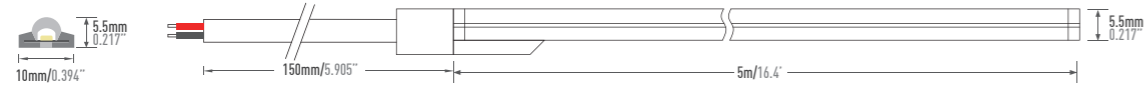


# Soft light Dot free



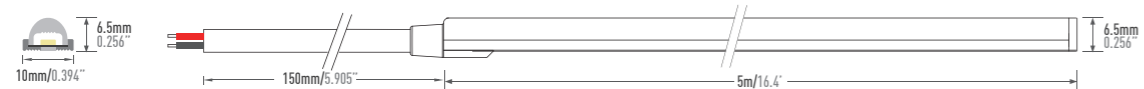
## 10\*5.5mm

| Model                        | Rated Watt         | LED Qty.   | DC Voltage | Color           | CRI            | Min. Cut          | Lumens                |                       |                       |
|------------------------------|--------------------|------------|------------|-----------------|----------------|-------------------|-----------------------|-----------------------|-----------------------|
| SC-2835-04/08-JT1005<br>IP67 | 12W/M<br>3.66 W/FT | 240<br>240 | 24V<br>24V | SWW/WW/<br>NW/W | 80/90<br>80/90 | 66.67mm<br>2.625" | 1370Lm/M<br>418 Lm/FT | 1390Lm/M<br>424 Lm/FT | 1400Lm/M<br>427 Lm/FT |
| SC-2219-04/08-JT1005<br>IP67 | 9W/M<br>2.74 W/FT  | 288<br>288 | 24V<br>24V | SWW/WW/<br>NW/W | 80/90<br>80/90 | 55.67mm<br>2.192" | 1070Lm/M<br>326 Lm/FT | 1090Lm/M<br>332 Lm/FT | 1100Lm/M<br>355 Lm/FT |



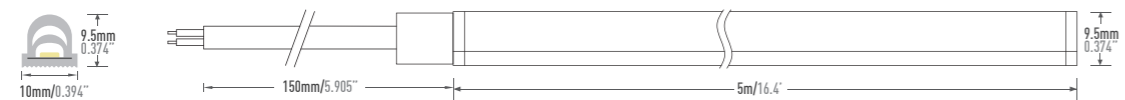
## 10\*6.5mm

| Model                      | Rated Watt           | LED Qty.   | DC Voltage | Color         | CRI                  | Min. Cut          | Lumens                |                       |                       |
|----------------------------|----------------------|------------|------------|---------------|----------------------|-------------------|-----------------------|-----------------------|-----------------------|
| SC-2835-07-JT1006W<br>IP67 | 15W/M<br>4.57 W/FT   | 238<br>238 | 24V<br>24V | WW/<br>NW/W   | 80/90<br>80/90       | 29.4mm<br>1.157"  | 1850Lm/M<br>564 Lm/FT | 1950Lm/M<br>594 Lm/FT | 2000Lm/M<br>610 Lm/FT |
| SC-2835-08-JT1006W<br>IP67 | 14.4W/M<br>4.39 W/FT | 240<br>240 | 24V<br>24V | WW/<br>NW/W   | 80<br>80             | 66.67mm<br>2.625" | 1750Lm/M<br>533 Lm/FT | 1770Lm/M<br>539 Lm/FT | 1800Lm/M<br>549 Lm/FT |
| SC-3528-14-JT1006W<br>IP67 | 15W/M<br>4.57 W/FT   | 252<br>252 | 24V<br>24V | SWW/<br>WW/W  | 70/80/90<br>70/80/90 | 55.55mm<br>2.187" | 1100Lm/M<br>335 Lm/FT | 1200Lm/M<br>366 Lm/FT | 1600Lm/M<br>488 Lm/FT |
| SC-3014-07-JT1006W<br>IP67 | 15W/M<br>4.57 W/FT   | 350<br>350 | 24V<br>24V | SWW/<br>WW/NW | 80/90<br>80/90       | 20mm<br>0.787"    | 800Lm/M<br>244 Lm/FT  | 900Lm/M<br>274 Lm/FT  | 1200Lm/M<br>366 Lm/FT |



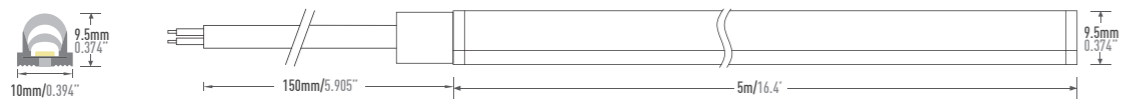
## 10\*9.5mm (RGB)

| Model                         | Rated Watt         | LED Qty.   | DC Voltage | Color      | Min. Cut          |
|-------------------------------|--------------------|------------|------------|------------|-------------------|
| SC-2835-07-JT1095-RGB<br>IP67 | 14W/M<br>4.27 W/FT | 168<br>168 | 24V<br>24V | RGB<br>RGB | 41.67mm<br>1.641" |



## 10\*9.5mm (RGBW)

| Model                         | Rated Watt         | LED Qty.   | DC Voltage | Color                | Min. Cut          |
|-------------------------------|--------------------|------------|------------|----------------------|-------------------|
| SC-ML-07-JT1095-RGBXX<br>IP67 | 14W/M<br>4.27 W/FT | 252<br>252 | 24V<br>24V | RGBW/RGBNW<br>/RGBWW | 55.67mm<br>2.192" |





# RIGID LED STRIP

Seamless Series | P213-214

IP65 Gapless Lightbar Series | P215-216

ARK8 Series | P217-218

ARK9 Series | P219-220

M1619 Series | P221-222

Ultra-narrow Series | P223-224

# Seamless Series

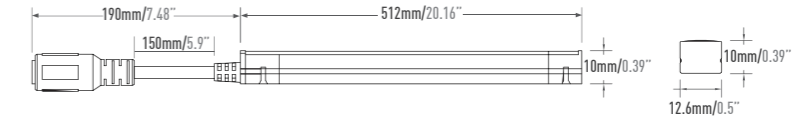


- Seamless joint strip
- High lighting effect, 2835/4014 high brightness LEDs
- Small size, 5m or 2m can be connected in maximum
- Magnetic or mount holder, convenient to install
- Suitable for cabinet, exhibition frame, goods shelf, wardrobe, bookcase and other lighting
- Length can be different



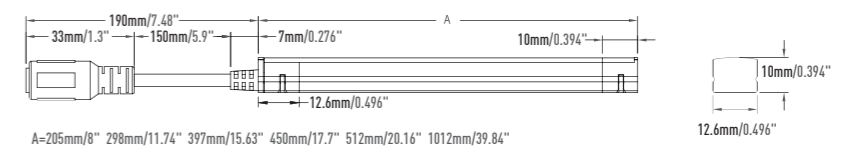
## ARK6

| Model       | Rated Watt | DC Voltage | Beam Angle | CRI   | IP Rating | Lumens    |           |           |
|-------------|------------|------------|------------|-------|-----------|-----------|-----------|-----------|
| SC-ARK6-512 | 7.2W/PCS   | 12V        | 120°       | 80/90 | 20        | 605Lm/M   | 671Lm/M   | 716Lm/M   |
| SC-ARK6-512 | 7.2W/PCS   | 12V        | 120°       | 80/90 | 20        | 184 Lm/FT | 205 Lm/FT | 218 Lm/FT |



## ARK7

| Model        | Rated Watt | DC Voltage | Beam Angle | CRI   | IP Rating | Lumens    |           |           |
|--------------|------------|------------|------------|-------|-----------|-----------|-----------|-----------|
| SC-ARK7-205  | 2.9W/M     | 12/24V     | 120°       | 80/90 | 20        | 300Lm/M   | 320Lm/M   | 340Lm/M   |
| SC-ARK7-205  | 0.9W/FT    | 12/24V     | 120°       | 80/90 | 20        | 91 Lm/FT  | 98 Lm/FT  | 104 Lm/FT |
| SC-ARK7-298  | 4.3W/M     | 12/24V     | 120°       | 80/90 | 20        | 450Lm/M   | 470Lm/M   | 490Lm/M   |
| SC-ARK7-298  | 1.3 W/FT   | 12/24V     | 120°       | 80/90 | 20        | 137 Lm/FT | 143 Lm/FT | 149 Lm/FT |
| SC-ARK7-397  | 5.76W/M    | 12/24V     | 120°       | 80/90 | 20        | 600Lm/M   | 640Lm/M   | 680Lm/M   |
| SC-ARK7-397  | 1.8 W/FT   | 12/24V     | 120°       | 80/90 | 20        | 183 Lm/FT | 195 Lm/FT | 207 Lm/FT |
| SC-ARK7-450  | 6.5W/M     | 12/24V     | 120°       | 80/90 | 20        | 680Lm/M   | 725Lm/M   | 760Lm/M   |
| SC-ARK7-450  | 2.0 W/FT   | 12/24V     | 120°       | 80/90 | 20        | 207 Lm/FT | 221 Lm/FT | 232 Lm/FT |
| SC-ARK7-512  | 7.56W/M    | 12/24V     | 120°       | 80/90 | 20        | 820Lm/M   | 870Lm/M   | 920Lm/M   |
| SC-ARK7-512  | 2.3 W/FT   | 12/24V     | 120°       | 80/90 | 20        | 250 Lm/FT | 265 Lm/FT | 280 Lm/FT |
| SC-ARK7-1012 | 15.12W/M   | 12/24V     | 120°       | 80/90 | 20        | 1640Lm/M  | 1740Lm/M  | 1840Lm/M  |
| SC-ARK7-1012 | 4.6 W/FT   | 12/24V     | 120°       | 80/90 | 20        | 500 Lm/FT | 530 Lm/FT | 561 Lm/FT |



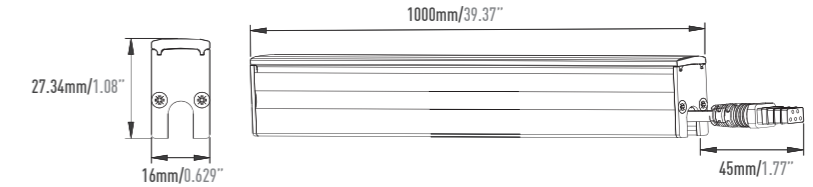
# IP65 Gapless Lightbar



## 120 LEDs /M

| Model            | Rated Watt          | DC Voltage  | Beam Angle   | CRI            | IP Rating |
|------------------|---------------------|-------------|--------------|----------------|-----------|
| SC-WHL<br>SC-WHL | 10.8W/M<br>3.3 W/FT | 24V<br>24 V | 120°<br>120° | 80/90<br>80/90 | 65<br>65  |

| Lumens               |                      |                      |
|----------------------|----------------------|----------------------|
| 787Lm/M<br>240 Lm/FT | 788Lm/M<br>240 Lm/FT | 817Lm/M<br>249 Lm/FT |



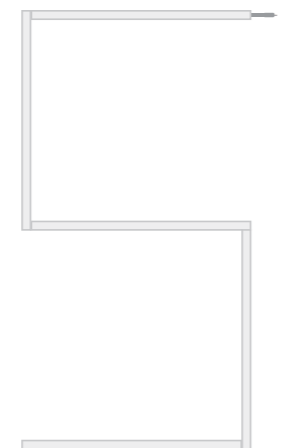
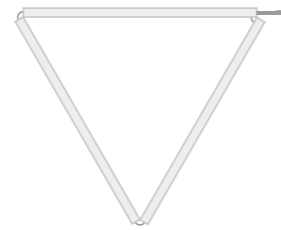
- WHLwaterproof lightbar is commonly used in outdoor landscape
- Adopt design of gapless joint and wire hidden in the back, and the lightbar can meet gapless joint
- Easy installation mounting clamp,can clamp at any position of LED strip, and can be installed at any angle; and it is pulling-resistant and waterproof
- High impact resistance, excellent waterproof performance up to IP65
- Small CCT drift, 2835 LEDs, uniform luminous surface, dot-free illumination



# ARK8 Series

NEW

## Seamless Lightbar

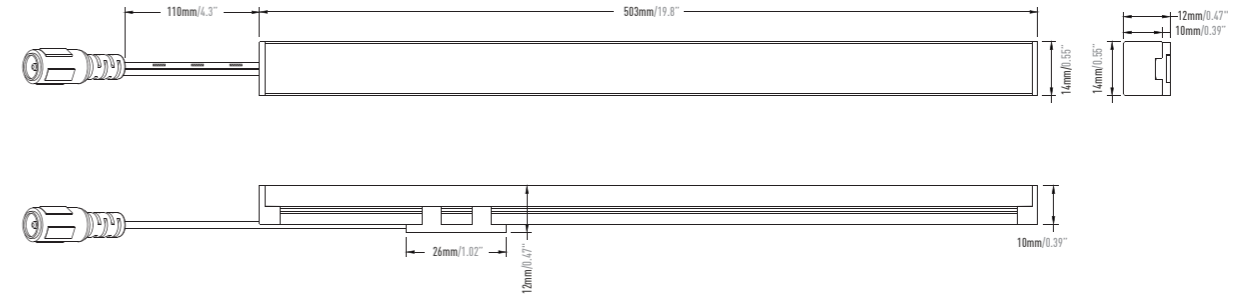


- Even and soft light
- The whole surface is luminous, no dark area, no frame
- Can be interconnected and freely spliced
- Easy to splice
- Hidden buckle design, more beautiful product, good overall effect



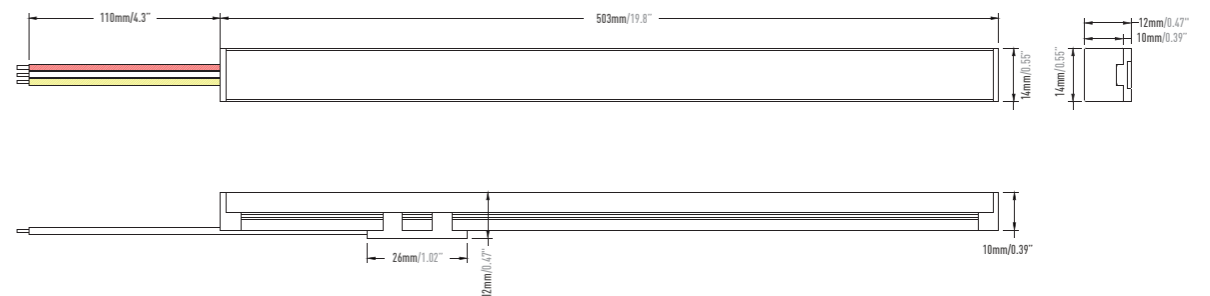
### 104 LEDs /M

| Model                       | Rated Watt         | DC Voltage  | Beam Angle   | CRI      | IP Rating | Lumens               |                      |                      |
|-----------------------------|--------------------|-------------|--------------|----------|-----------|----------------------|----------------------|----------------------|
| SC-ARK8-2835<br>SC-ARK-2835 | 2.5W/M<br>0.8 W/FT | 24V<br>24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 240Lm/M<br>73 Lm/FT  | 250Lm/M<br>76 Lm/FT  | 260Lm/M<br>79 Lm/FT  |
| SC-ARK8-2835<br>SC-ARK-2835 | 5W/M<br>1.5 W/FT   | 24V<br>24 V | 120°<br>120° | 90<br>90 | 20<br>20  | 510Lm/M<br>155 Lm/FT | 520Lm/M<br>156 Lm/FT | 530Lm/M<br>162 Lm/FT |



### 240 LEDs /M

| Model                       | Rated Watt         | DC Voltage  | Beam Angle   | CRI      | IP Rating | Lumens               |
|-----------------------------|--------------------|-------------|--------------|----------|-----------|----------------------|
| SC-ARK8-2216<br>SC-ARK-2835 | 7.2W/M<br>2.2 W/FT | 24V<br>24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 560Lm/M<br>171 Lm/FT |



# ARK9 Series

NEW

## Seamless Lightbar

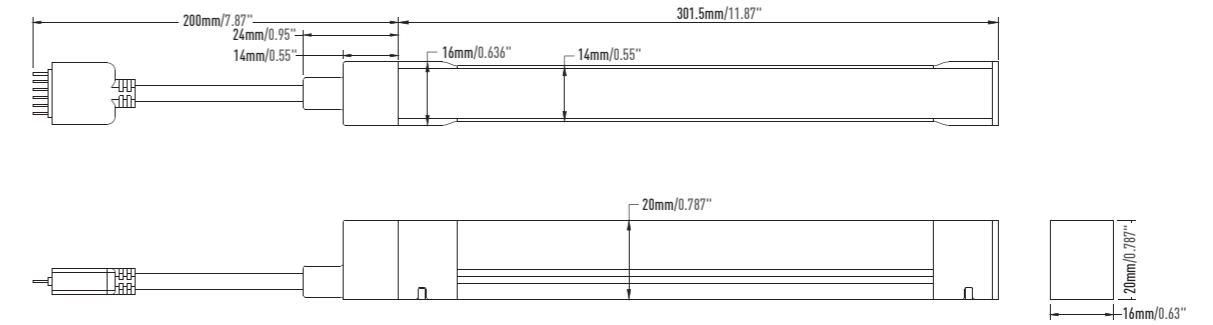


- The product is exquisite, beautiful, and textured;
- Seamless docking design, uniform light output, no dark areas;
- It can be spliced according to the required length for easy use;
- Tuya smart APP control+remote control, smart and convenient;
- RGB magic color+white light dual-CCT lighting design, combining decoration and lighting functions;
- Music rhythm function, full of entertainment immersion.



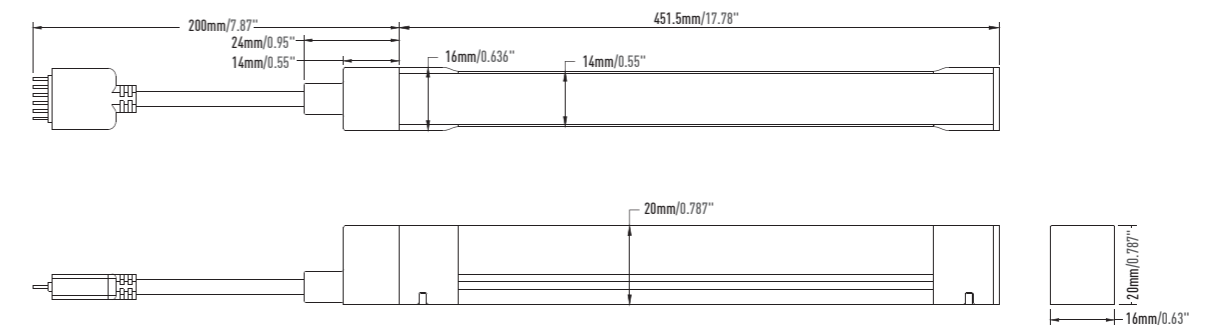
### 36 LEDs /pcs

| Model         | Rated Watt | DC Voltage | Beam Angle | CRI | IP Rating | Lumens                             |
|---------------|------------|------------|------------|-----|-----------|------------------------------------|
| SC-ARK9-RGBTW | 6W/pcs     | 24V        | 120°       | 80  | 20        | 74Lm/pcs (Yellow) 76Lm/pcs (White) |
| SC-ARK9-RGB   | 3.6W/pcs   | 24V        | 120°       | 80  | 20        |                                    |



### 162 LEDs /pcs

| Model           | Rated Watt | DC Voltage | Beam Angle | CRI | IP Rating | Lumens                               |
|-----------------|------------|------------|------------|-----|-----------|--------------------------------------|
| SC-ARK9-RGBTWIC | 12.5W/M    | 12V        | 120°       | 80  | 20        | 190Lm/pcs (Yellow) 190Lm/pcs (White) |



#### Control mode

WiFi & Bluetooth+IR remote control+ Button



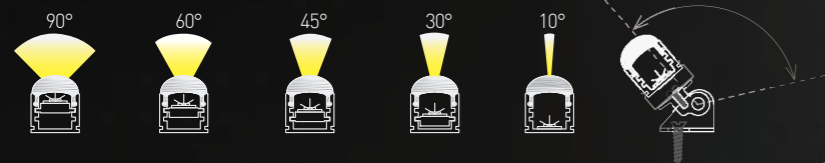
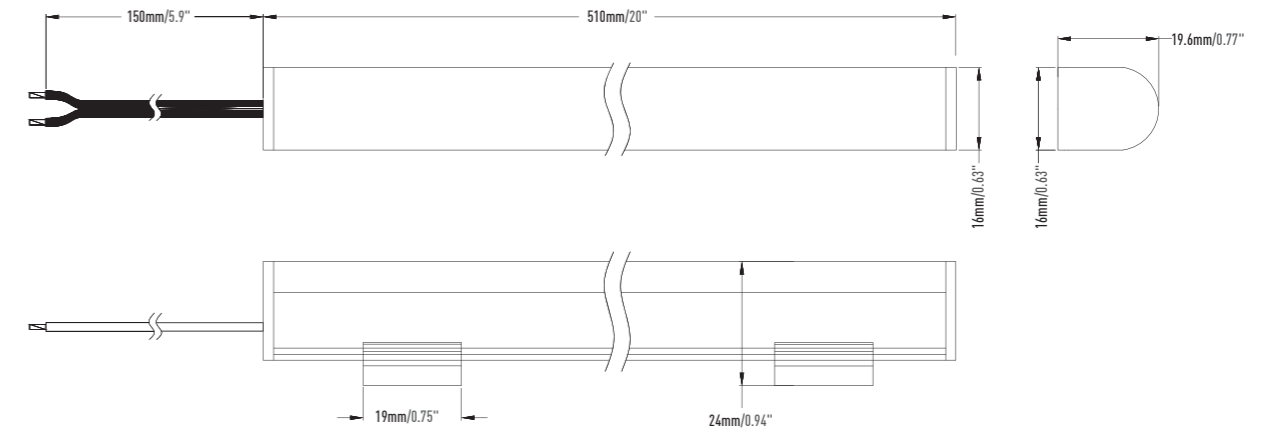
# M1619 Series NEW

Beam Angle Adjustable



## 64 LEDs /M

| Model         | Rated Watt | DC Voltage | Beam Angle          | CRI | IP Rating | Lumens    |
|---------------|------------|------------|---------------------|-----|-----------|-----------|
| SC-M1619-2835 | 4.2W/M     | 24V        | 10°/30°/45°/60°/90° | 90  | 20        | 557Lm/M   |
| SC-M1619-2835 | 1.3 W/FT   | 24 V       | 10°/30°/45°/60°/90° | 90  | 20        | 170 Lm/FT |



- The beam angle and range can be changed, with multiple angles available.
- Convenient manual adjustment of beam angle to adapt to different needs and environments



2835 Series  
RGB Series  
Built-in IC Series  
2110 & 21016 Series  
3014 Series  
3528 Series  
5050 Series  
Special Strip  
COB Strip  
Neon Flex  
Rigid Strip  
Strip Kits

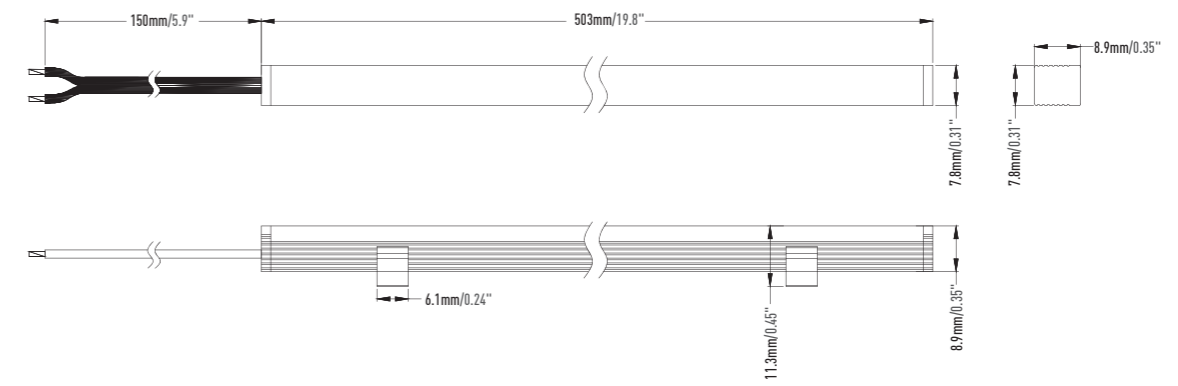


# Ultra-narrow Series NEW

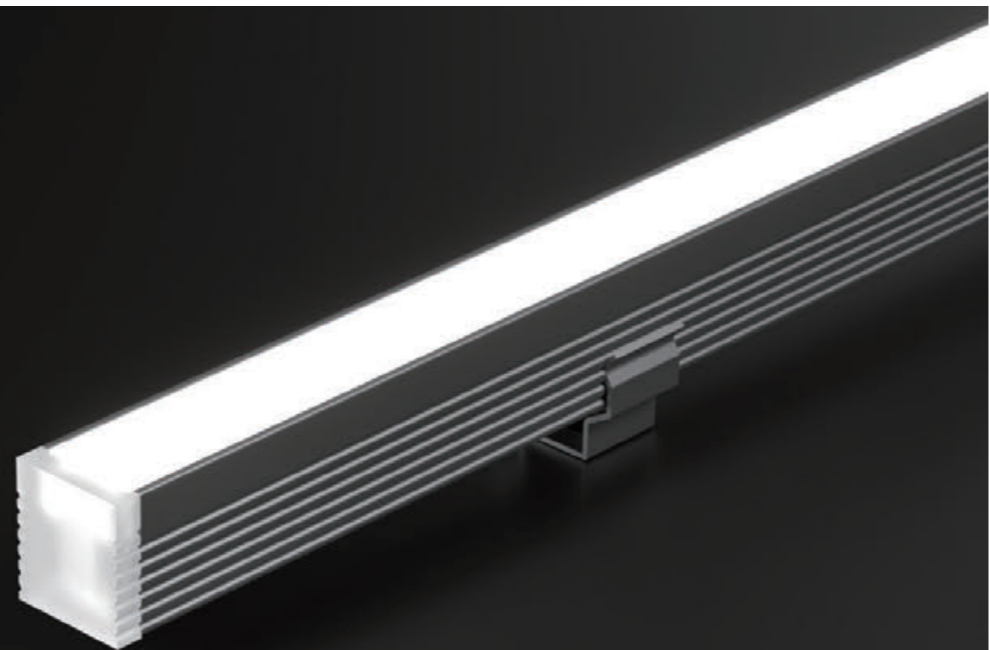


## 112 LEDs /M

| Model                      | Rated Watt          | DC Voltage  | Beam Angle   | CRI      | IP Rating | Lumens               |
|----------------------------|---------------------|-------------|--------------|----------|-----------|----------------------|
| SC-078-2835<br>SC-078-2835 | 5.32W/M<br>1.6 W/FT | 24V<br>24 V | 120°<br>120° | 80<br>80 | 20<br>20  | 395Lm/M<br>120 Lm/FT |



- The whole surface is luminous
- No dark area, no frame
- Soft and uniform light



- 2835 Series
- RGB Series
- Built-in IC Series
- 2110 & 21016 Series
- 3014 Series
- 3528 Series
- 5050 Series
- Special Strip
- COB Strip
- Neon Flex
- Rigid Strip
- Strip Kits



# Strip Kits

|                          |          |
|--------------------------|----------|
| Car LED Strip Light      | P249-250 |
| LED Plant Grow Light Kit | P251-252 |
| SC-RGB-TY                | P253-254 |
| Dual-CCT Strip Kit       | P255-256 |
| SC-2835ST                | P257-258 |
| SC-5050ST-RGB-02         | P259-260 |
| SC-5050ST-RGB-03         | P261-262 |
| SC-0410-RGB-24           | P263-264 |
| SC-1212                  | P265-266 |
| Magic RGB Kits           | P267-268 |
| AR Color Pickup          | P269-270 |
| TV Backlight Kits V2     | P271-272 |
| TV Backlight Kits V1     | P273-274 |
| Smart Light Bars         | P275-276 |
| SC-RGBTW                 | P277-278 |
| SC-5050-RGBTW            | P279-280 |
| SC-5050RGBICD            | P281-282 |

## Signcomplex Technology Energizes the Upgrading of Smart LED Strip Products



Signcomplex Technology Energizes the Upgrading of Smart LED Strip Products.

Driven by multiple factors, the smart lighting industry has entered a golden period of development.

Looking at residential lighting, decoration and mixed application scenarios, smart LED strips have become essential items for consumers to improve their home environment and build whole-house intelligence.

On the one hand, the smart LED strip has such functions as brightness, CCT, RGB color and pixel adjustment, voice control, lighting linkage, lighting scene, etc., which can create colorful lighting effects for multiple applications; On the other hand, the low power consumption, time setting, health rhythm and other characteristics of smart lighting can also help traditional high energy consuming industries to reduce costs and increase efficiency. It also supports cross protocol communication.

To effectively build full-scene intelligence, China's leading intelligent lighting company Signcomplex and global IoT development platform provider Tuya Smart (NYSE: Tuya) announced a partnership and officially signed a cooperation agreement on April 28th. The signing ceremony was attended by Mary, Marketing Vice President, May, General Manager of Smart Lighting Division and Nick, Vice General Manager of Smart Lighting Division from Signcomplex, as well as Lin Tianzhun, General Manager of South China Region, Ren Hangbo, Marketing Director of IoT PaaS, and Deng Yi, Head of Lighting Sales of South China Region from Tuya Smart.

This cooperation marks that the two parties continue to deepen cooperation in the field of lighting, focus on improving the digital intelligence level of LED strip lighting products, and actively broaden the applications of smart lighting, so as to enhance the commercial imagination of the overall smart LED strip lighting industry.

The two parties took the lead in reaching cooperation in product smart upgrading. Signcomplex technology has realized the smart control of full series LED strip products. Relying on the Tuya IoT development platform, Signcomplex technology has realized the following series as of 2022 Q3:

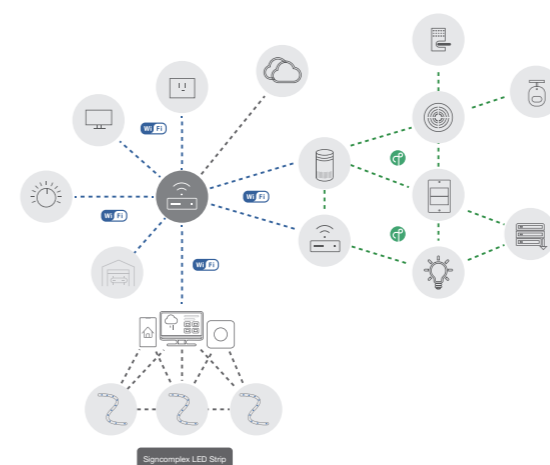
|  |                                      |  |  |  |   |
|--|--------------------------------------|--|--|--|---|
|  | Ordinary monochrome white LED strips |  | Healthy lighting pure white and warm white double-color LED strips |  | RGB full color decorative atmosphere LED strips |
|  | RGB pixel strips                     |  | Mixed RGB color and tunable white application strips               |  | Mixed RGB pixel and tunable white strips        |
|  | Dream color string lights            |  | RGBW outdoor extrusion strips                                      |  | NEON lights and other outdoor lighting product  |

The voice control module provided by Tuya Smart enables the intelligent control of the whole house lighting. In the future, we will continue to tap the potential of customer demand for entertainment atmosphere lighting, E-sport atmosphere lighting and commercial space display lighting, VR virtual reality application and other segments.

2022 Q4, Signcomplex as a leading LED strip lighting service provider, base on Tuya platform and start working with Amazon Alexa to implement a streamlined setup experience based on Matter, the new

industry-unifying connectivity protocol, offering better future of ambient intelligence, smart home, and voice AI.

**New release home illumination, entertainment ambient and E-sports gaming fully solutions.**



Lighting products include LED strips, rigid strip, flexible neon type, helping you to innovate the best smart home experience!

Working with wireless is ideal for mesh IoT wireless connectivity using for smart home, lighting and signcomplex full series strips. With key features like high performance 2.4 GHz RF, low current consumption and years of hardware assembly experience, reliable IoT device makers can create the smart, robust, and energy-efficient products. Target applications include gateways and hubs, sensors, switches, LED strips, location services, predictive maintenance, wake-word detection, timing, gaming scene touch and more.

**Signcomplex is able to manage smart product lifecycle challenges.**

To succeed in the intensely competitive smart home market, it is not enough to just develop and launch products to the market. With the continuously evolving software, security and wireless ecosystems, we must consider how to manage the entire IoT product lifecycle, from design to decommission, while meeting the user requirements every single day.



**Signcomplex smart lighting core value**

|            |        |              |
|------------|--------|--------------|
|            |        |              |
| Hands-free | Faster | Fun and Cool |

# What Makes Signcomplex Lighting Smart?

## A guide to protocols and applications

### Smart lighting protocols

The major enabler of smart lighting systems and the journey to being IoT-enabled are the communication protocols. They provide the infrastructure and dictate the terms by which devices communicate to automate things around the home. This article will provide a guide to the communication protocols and standards enabling the current trends in smart lighting.

Due to variations in features, capabilities, mode of operation, and requirements, several communication protocols are adopted by manufacturers for various applications. Some of the popular Smart Home communication protocols include: WiFi, Zigbee, BLE, Matter.



Arguably the most well-known of the bunch, WiFi offers the easiest and probably the most robust communication path for smart home solutions because of its ubiquitous use in other everyday applications. Most homes would already have WiFi routers which makes deployment of WiFi-based smart home devices easier and cheaper. Its high bandwidth makes it suitable for applications that require high data throughput and its IP-based architecture makes deployment for IoT-based applications relatively easier and straightforward compared to other protocols.

However, all of the goodies come at a cost that includes high power consumption, short-range, and high susceptibility to interference which makes it unsuitable for most battery-powered smart home applications. There have, however, been several improvements over the years, with the most recent version, WiFi 6, offering better power and range performance.



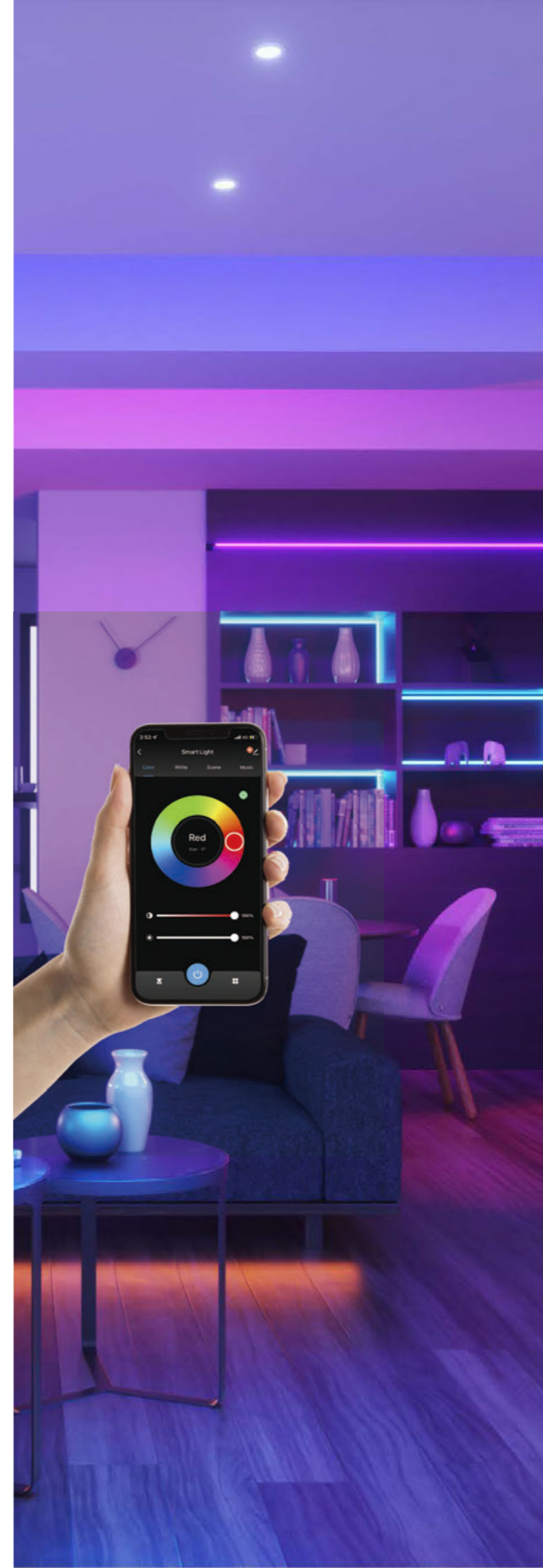
A very popular communication protocol within the Smart Home community. Zigbee is an Open, flexible (mesh network topology), and low power communication protocol developed on the 2.4 GHz band. It is perfect for battery-based smart home applications but it is not IP-based. As such, Zigbee-based devices require a gateway to connect to the internet for IoT-based applications which increases the cost of deployment. Zigbee offers low bandwidth and sometimes experiences a great deal of interference when deployed alongside WiFi due to competition on the 2.4 GHz band.



Developed by the Bluetooth special interest group, BLE (Bluetooth Low Energy), also referred to as Bluetooth Smart, is a modification to the Classic Bluetooth protocol with low power consumption as one of its major focuses. It's a product of the desire to reduce the amount of power consumed by devices, both when transmitting data and when idle, to ensure longer battery life. However, although it offers simplicity in deployment and low latency, it is severely hampered by its short range.



Developed by the Connectivity Standard Alliance (Previously the Zigbee alliance) and supported by major smart home solution manufacturers including; Apple, Amazon, and Google to mention a few. It is an IP-based protocol that is designed to tackle the interoperability challenges of smart home solutions, providing a framework that enables communication across devices, apps, and cloud services. Matter's architecture combines the bits and pieces of existing protocols to deliver a potentially one-size-fits-all protocol. The first specification release of the standard features WiFi and thread-based network layers with BLE being leveraged for commissioning.



### Smart lighting application via



White, RGB, RGBIC strips



RGB and RGBIC strips



RGBIC strips



White, multi-color, RGB, RGBIC strips

# Smart control

## Basic

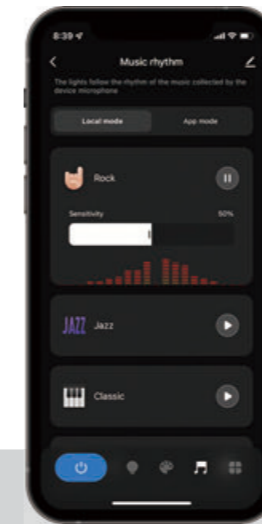


CCT adjustment, enjoy the warm life of lighting



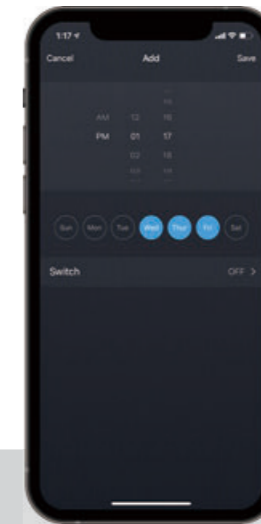
Color adjustment, add excitement to your life

## Creativity



Dance with music, the exclusive stage shines for you

## Time



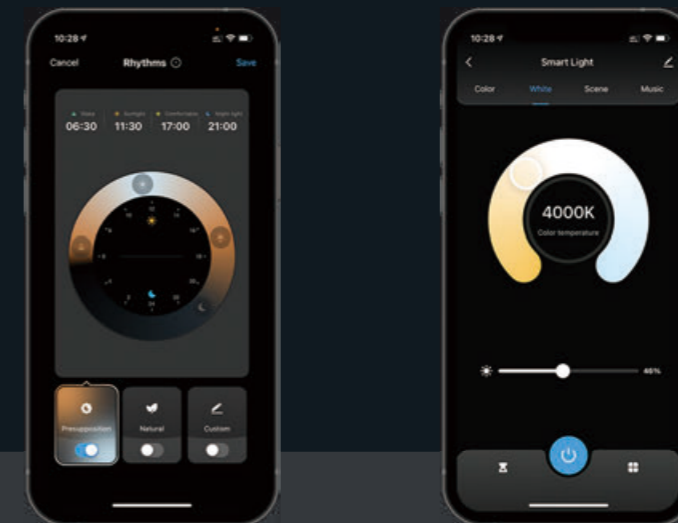
Holiday mode, let the lights guard our homes

## Creativity



Scene library: rich lighting scenes optional

## Health



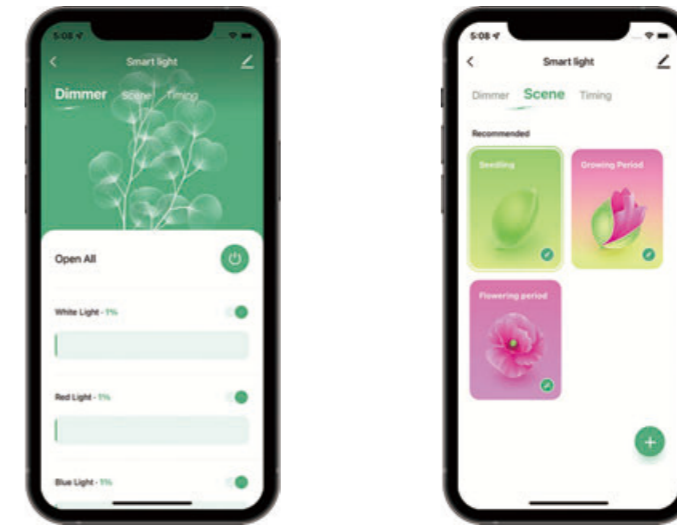
Biological rhythm, returning to the natural ecological light environment

## Lighting Scenes

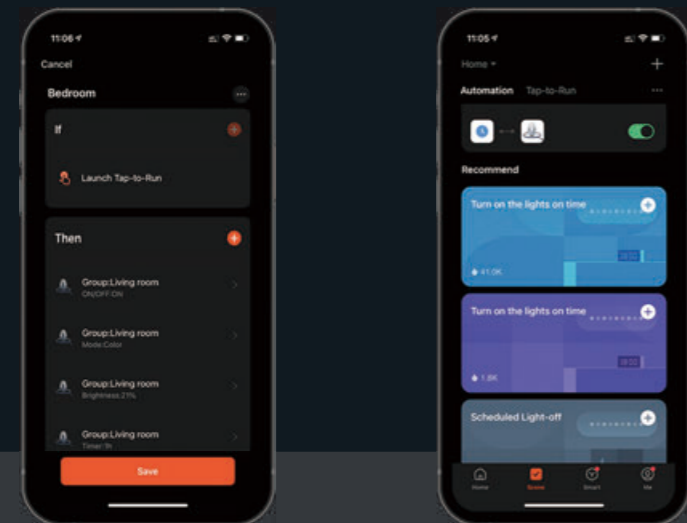


Dynamic scenarios, cloud updates

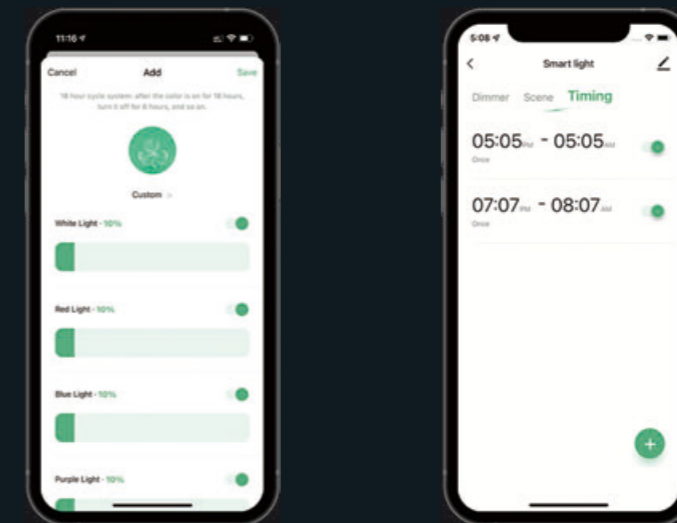
## Plant Grow Lighting



## Lighting Linkage



Intelligent linkage and automation



## Entertainment is an Important Means to Relieve Our Stress

Signcomplex's entertainment atmosphere lighting system enables users to bring high-quality entertainment experience with the simplest steps. With this product and system, users can easily connect their home's colorful ambient products with their home entertainment system to raise their movie and television viewing, music listening and gaming experience to a whole new level.



Signcomplex HDMI Sync products are able to support

HDMI2.0, HDCP2.2, 4K 60Hz, HDR Dolby Vision





# Video

Smart lighting application via RGB and RGBIC strips

## Maximum compatibility

HDMI 4K Splitter, 3 HDMI In 1 Out, supports HDR, SDR, Dolby vision.



## Feeling a sense of immersion

Wired to HDMI SYNC, the product uses NRZ code communication to synchronise the image information of the input video device with the lighting rendering effect, so that you can enjoy a great viewing atmosphere experience and realize streamer overflow.

## Ultimate TV and game lighting experience

Create the most beautiful backlight for your TV or display. Just mount light strip beside your screen and enhance your viewing experience with splashes of light surrounding your TV or display. (Notes: the product needs to work with HDMI sync box).

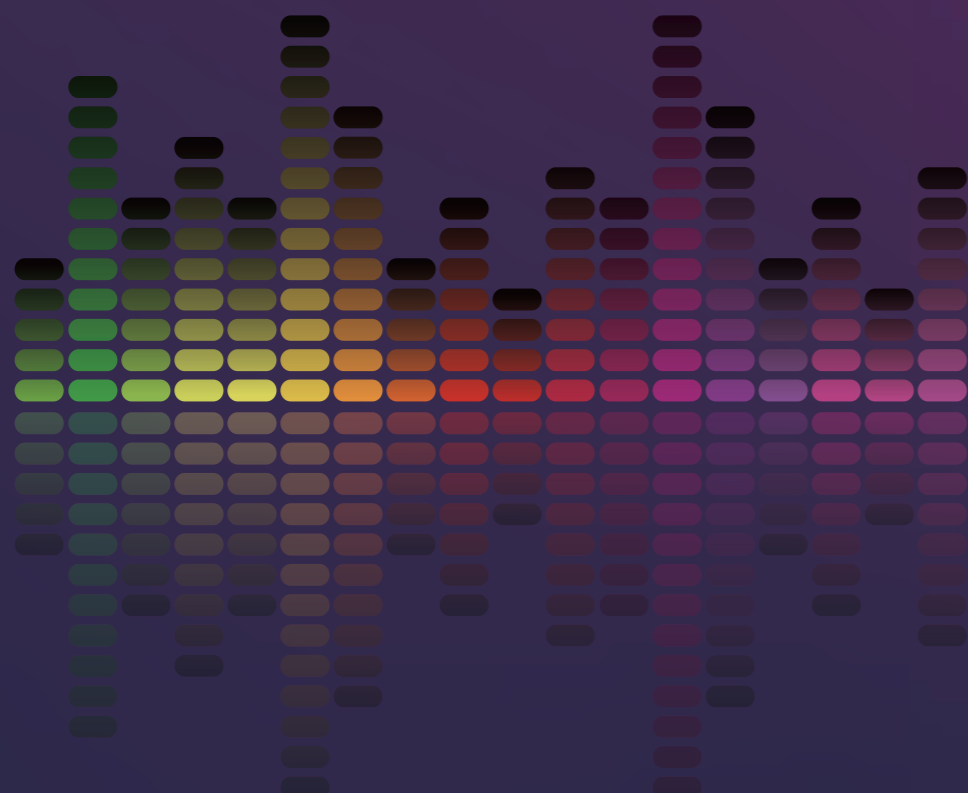
## Limitless possibility

Connect your HDMI Sync Box to up to 3 HDMI devices. Connect your HDMI-connected devices, such as set-top boxes, streaming dongles, and gaming consoles, to the sync box to mirror their content with your smart lights.

# Music Rhythm

## Stunning immersive experience

The local/external MEMS MIC picks up external sound sources and uses a fast Fourier transform algorithm to precisely realise the sound frequency and light synchronisation rhythm effect, enjoying the passionate sound field experience brought by audio and feeling more deeply moved.



### Syncs with your music

With an internal high-sensitivity mic, light strips can react and move to the beat of your music, movie, and gaming audio for an immersive sound and light experience like never before.

## Music rhythm



### Local music

The lights follow the rhythm of the music collected by the device microphone



### APP music

The lights follow the music collected by the phone microphone

### Local

Rock/Jazz/Classical/Roll/Energy/Spectrum



Rock



Jazz



Classical



Roll



Energy



Spectrum

### APP mode

Music rhythm/Game/Romantic



Music rhythm

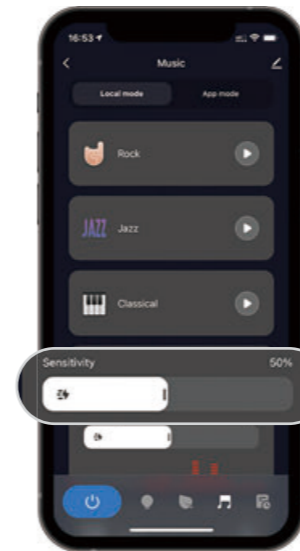


Game



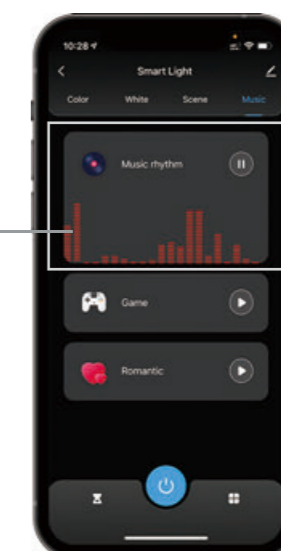
Romantic

## Sensitivity



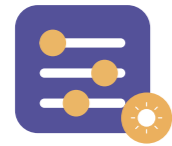
Volume size sensitivity

Music style sensitivity



# Smart Lighting Solution

Based on wireless protocol, user may control On/Off, switch scenario through mobile phone, voice, or remote control. The products apply to various smart lighting scenarios at home, in the office and so on.



## Brightness adjustment

The brightness can be freely adjusted to suit different scenarios. For example, you can set the brightness to a perfect level while studying and working, or resting and relaxing



## Tunable color temperature

Cold light illuminates daily living, warm light creates a romantic atmosphere, and color temperature adjustment makes lighting the best decoration



## Scenario switch

Rich selection of scenes, one-click switching of preset lighting scenes, bringing poetry and painting to every moment of life



## Sleep and wake-up

In the morning, the light mimics the gradual rising of the sun to awaken you in a gentle and relaxing way. At night, the light casts a soft and warm glow in your room to help you sleep



## On/Off timer

The lights are turned on or off according to schedule, making life more convenient



## Countdown timer

Turn on or off the light after the countdown is over, preset the delay of on/off



## No-Disturb upon outage

It is suitable for areas with frequent power outages, to avoid sudden light on and wake up users when power outages and backs on. Turn on Do Not Disturb after Power Outage, after turning off the lights on the APP, the lights will only turn on after being powered on twice




## Non-volatile memory


Intelligently memorize the light state before power off, and automatically restore the light state before power off. At the same time, it supports user-defined settings of the light status when power on

# Lighting Scene

**Reading companion in study room**

Adjust brightness and color temperature as you like, and intelligently control to accompany reading and study





**Bedside companion along with falling asleep and waking up**

In the morning, the light mimics the gradual rising of the sun to awaken you in a gentle and relaxing way. At night, the light casts a soft and warm glow in your room to help you sleep.

|  |   |  |
|--|---|--|
| <p><b>Natural awakening</b></p> <p>The light intensity of the natural wake-up lamp will gradually increase during 30 minutes before the time you set for getting up. As the light enters your eyes, the energy hormones in your body are stimulated, preparing your body to wake up with natural pleasure and vitality. It can be cloud or local timing.</p> | <p><b>Light sensitivity</b></p> <p>The higher the brightness of the light used, the shorter the time a person wakes up. The light intensity of Signcomplex smart white light strip can be set to 250lux at most. This ensures that you can set the required light intensity according to your personal needs to wake up happily. Need to be linked with smart sensor.</p> | <p><b>Noise helps you sleep</b></p> <p>When lying in bed, every kind of noise (from the squeak of the bed board to the exhalation of your partner) keeps your brain on high alert. However, white noise, pink noise and brown noise can shield and cover the above-mentioned sounds, making people feel more comfortable, thus helping people to sleep better and face the stressful environment in real life, so as to maintain a positive mood all day long, which is also beneficial to people's financial situation.</p> |
|--|---|--|



## Smart lighting application via

- High efficiency 2835 LED strip
- High density 2216 LED strip
- Ultra-long connected constant current LED strip
- Dim to warm dimmable LED strip
- Other 2835, 5050 double-color LED strip

# Smart Control

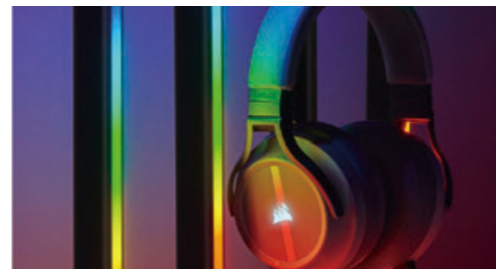
## Millions of colors

Your light strip features millions of colors for combinations built to suit every mood, making your home the ultimate entertainment destination.



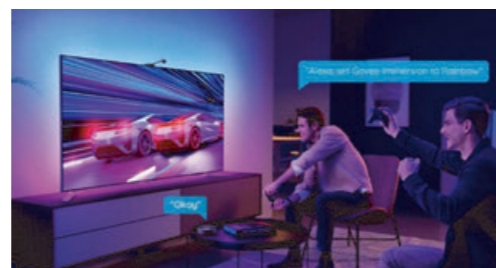
## Voice activated

Works with Alexa and Google Assistant via WiFi to effortlessly control these light strips features hands-free, including on/off, brightness, colors, and even lighting effects.



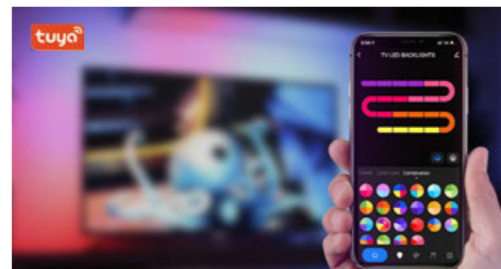
## Dynamic addressable RGB color

Let your imagination run alright. Set more color at one time on the bendable strip lights and also display flowing, animated multi-color effects based on nature, holidays, and emotions.



## Smart app control

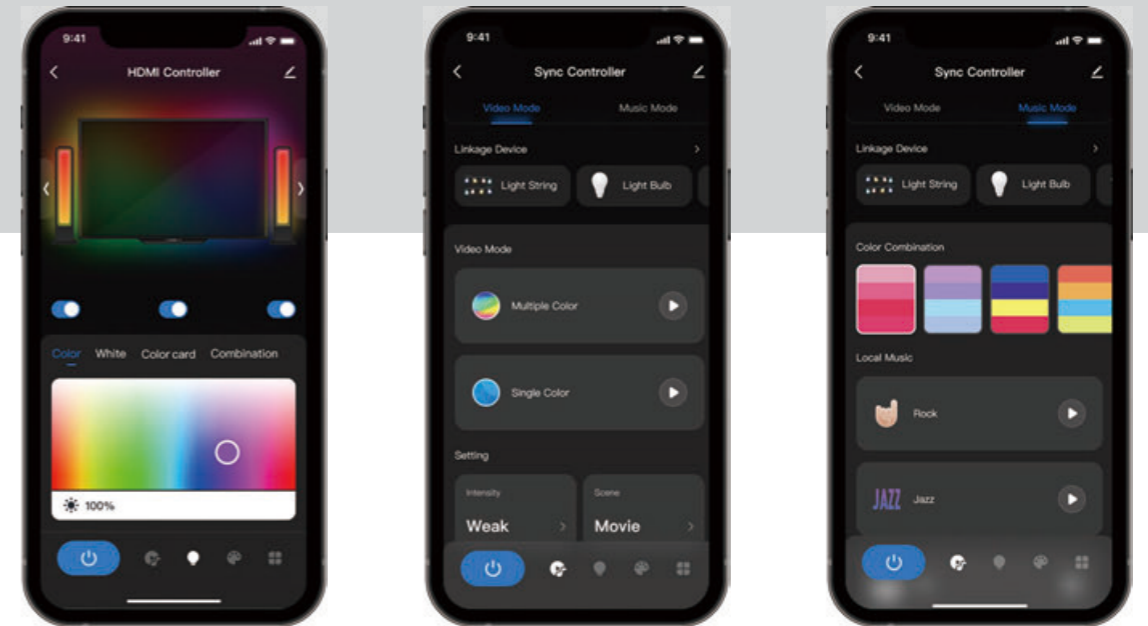
Powered by Tuya APP, enabling fully customized and synchronized RGB lighting. Control segmented color and brightness, group with other lights by rooms, automate lighting schedules, and discover more user-generated effects in the Light Studio.



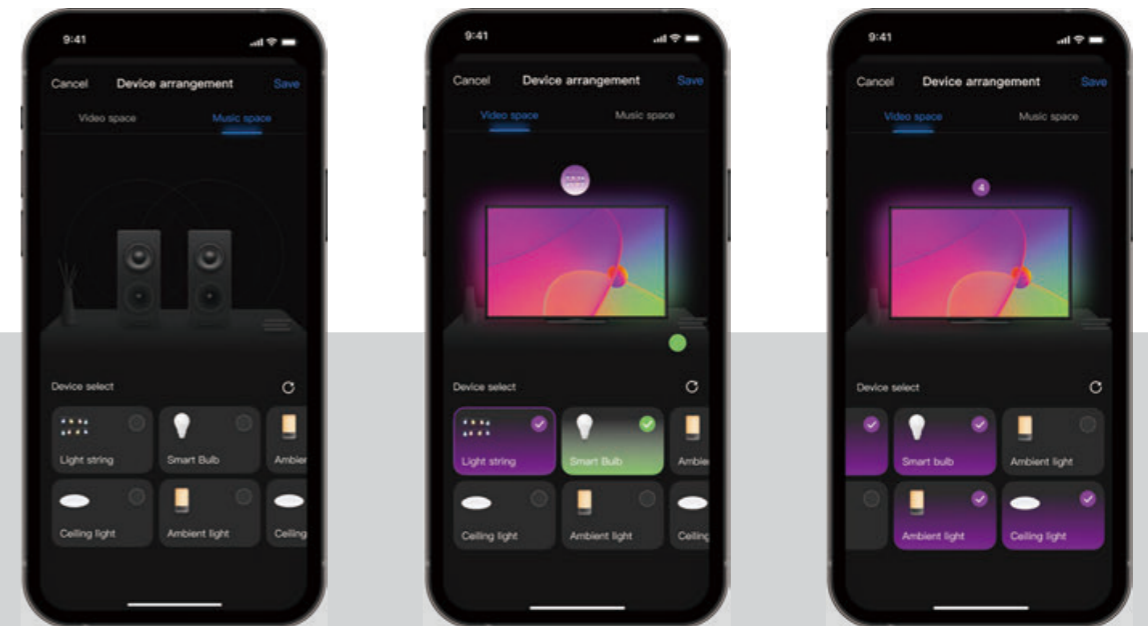
## Immersive ambient lighting

Extend your PC's RGB lighting, illuminating your environment with diffused colors and intricate lighting effects to create an immersive backdrop of ambient lighting.

## LIGHT CONTROL SEPARATELY, VIDEO AND MUSIC MODE



## DEVICE ARRANGEMENT AND GROUP SETTING



# Car LED Strip Light



Color adjustable



Music mode



Brightness adjustable



Multiple modes



Remote control



Easy installation



APP control



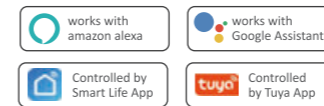
Schedule time

## RGB series

| Model         | Color | Power    | DC Voltage | LED Qty    | Operating temperature |
|---------------|-------|----------|------------|------------|-----------------------|
| SC-5050RGB-AL | RGB   | 5.6W/PCS | 12V        | 36LEDs/PCS | -25°C-70°C            |

Control mode

Bluetooth+IR remote control+ Button



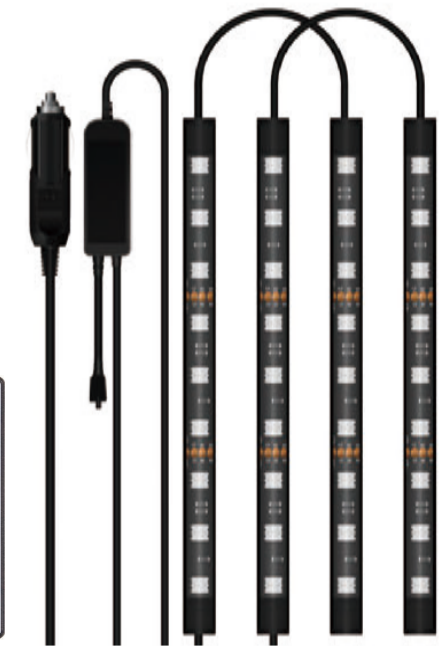
PACKAGING

4 x LED strips with tape

1 x Car charger

1 x Controller

8 x Ties

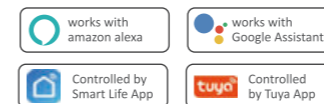


## RGBIC series

| Model           | Color | Power  | DC Voltage | LED Qty    | Operating temperature |
|-----------------|-------|--------|------------|------------|-----------------------|
| SC-5050RGBIC-AL | RGBIC | 6W/PCS | 12V        | 36LEDs/PCS | -25°C-70°C            |

Control mode

Bluetooth+IR remote control+ Button



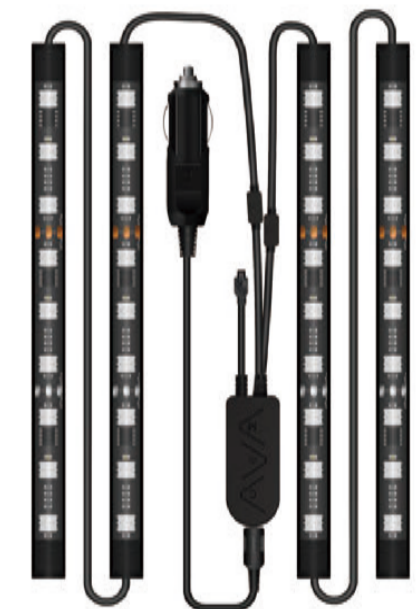
PACKAGING

4 x LED strips with tape

1 x Car charger

1 x Controller

8 x Ties



2835 Series  
RGB Series  
Built-in IC Series  
2110 & 21016 Series  
3014 Series  
3528 Series  
5050 Series  
Special Strip  
COB Strip  
Neon Flex  
Rigid Strip  
Strip Kits

# LED Plant Grow Light Kit

- Full-spectrum
- Photosynthesis
- High light efficiency
- ON/OFF
- Dimming
- Easy installation
- Without flicker
- 50-500mm



- ETL Intertek for PVC
- UL US LISTED for PVC & Silicon
- CE
- RoHS
- Cuttable
- .IES
- Warranty 5 years

## Specification

| Model       | Color          | Wavelength or CRI | PPFD                                | Applicaiton |
|-------------|----------------|-------------------|-------------------------------------|-------------|
| SC-2835-PGL | Full Spectrum  | CRI>95            | 200µmol/m <sup>2</sup> /sPlant Grow |             |
| SC-2835-PGL | Red+Blue       | 660nm+460nm       | 120µmol/m <sup>2</sup> /sPlant Grow |             |
| SC-2835-PGL | Red+White      | 660nm+4000K       | 150µmol/m <sup>2</sup> /sPlant Grow |             |
| SC-2835-PGL | Red+Blue+White | 660nm+460nm+4000K | 180µmol/m <sup>2</sup> /sPlant Grow |             |

### Connections

2 Way, 4 Way or 6 Way

### Input Type

100-240VAC adapter and DC 5V or DC12V LED lights

### Control mode

Switch, Bluetooth or Wifi&Bluetooth

### PACKAGING

4 x Lights

1 x Power cords with controller

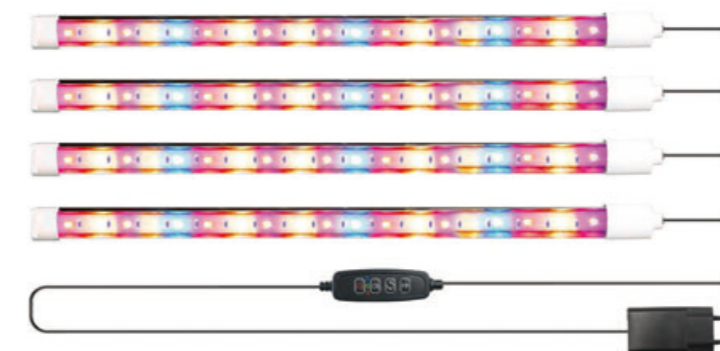
1 x Adapter

8 x ties

8 x Clips

8 x Double-sided Tapes

Note: the quantity of packing accessories varies with different versions, in kind prevail.



# SC-RGB-TY



- Color adjustable
- Music mode
- Brightness adjustable
- Multiple modes
- Remote control
- Easy installation
- APP control
- Schedule time

## IP20

|   | Model        | LED Qty. | DC Voltage | Length | IP Rating | Width x Height |
|---|--------------|----------|------------|--------|-----------|----------------|
| ⊗ | SC-RGBTY-30D | 30LEDs/m | 12V        | 2m     | 20        | 10×2.3mm       |
| ⊗ | SC-RGBTY-48D | 48LEDs/m | 12V        | 2m     | 20        | 10×2.3mm       |
| ⊗ | SC-RGBTY-60D | 60LEDs/m | 12V        | 2m     | 20        | 10×2.3mm       |

Illuminance

■ 140-180mcd/LED ■ 400-510mcd/LED ■ 80-105mcd/LED

## IP44

|   | Model        | LED Qty. | DC Voltage | Length | IP Rating | Width x Height |
|---|--------------|----------|------------|--------|-----------|----------------|
| ⊙ | SC-RGBTY-30D | 30LEDs/m | 12V        | 2m     | 44        | 10×3mm         |
| ⊙ | SC-RGBTY-48D | 48LEDs/m | 12V        | 2m     | 44        | 10×3mm         |
| ⊙ | SC-RGBTY-60D | 60LEDs/m | 12V        | 2m     | 44        | 10×3mm         |

Illuminance

■ 128-165mcd/LED ■ 368-470mcd/LED ■ 73-96mcd/LED

## IP65

|   | Model        | LED Qty. | DC Voltage | Length | IP Rating | Width x Height |
|---|--------------|----------|------------|--------|-----------|----------------|
| ⊙ | SC-RGBTY-30D | 30LEDs/m | 12V        | 2m     | 65        | 16×16/10×23mm  |
| ⊙ | SC-RGBTY-48D | 48LEDs/m | 12V        | 2m     | 65        | 16×16/10×23mm  |
| ⊙ | SC-RGBTY-60D | 60LEDs/m | 12V        | 2m     | 65        | 16×16/10×23mm  |

Illuminance

■ 128-165mcd/LED ■ 368-470mcd/LED ■ 73-96mcd/LED

Control mode

Bluetooth+IR remote control+ Button



PACKAGING

- 1 x LED strip light
- 1 x Remote controller
- 1 x Adapter
- 1 x Control box





# Dual-CCT Strip Kit NEW

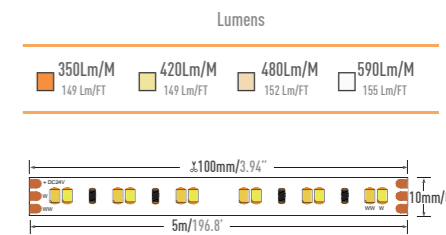
## Controller with LCD display

- Controller with LCD display, digitally displaying CCT and brightness
- Can be cut and installed easily
- Brightness adjustable from 5%-100%, with 20 levels
- CCT adjustable from 1800K-6500K, with 24 levels
- RF control, more stable remote signal, with the remote control synchronized with the LCD display



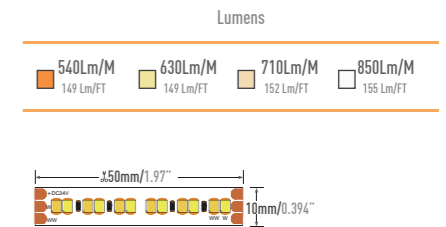
### 120 LEDs /M

| Model                                | Rated Watt         | DC Voltage  | Length       | Width x Height          | IP Rating |
|--------------------------------------|--------------------|-------------|--------------|-------------------------|-----------|
| SC-2835-CTA-120D<br>SC-2835-CTA-120D | 4.8W/M<br>1.5 W/FT | 24V<br>24 V | 5M<br>16.4FT | 10x1.2mm<br>0.39X0.05FT | 20<br>20  |



### 240 LEDs /M

| Model                                | Rated Watt         | DC Voltage  | Length       | Width x Height          | IP Rating |
|--------------------------------------|--------------------|-------------|--------------|-------------------------|-----------|
| SC-2835-CTA-240D<br>SC-2835-CTA-240D | 7.2W/M<br>2.2 W/FT | 24V<br>24 V | 5M<br>16.4FT | 10x1.2mm<br>0.39X0.05FT | 20<br>20  |



Control mode

RF remote control

PACKAGING



1 x LED strip light



1 x Control box

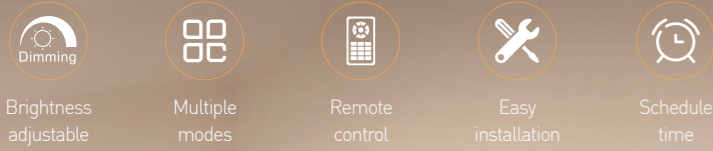


1 x Adapter



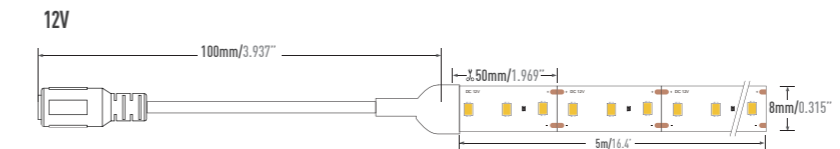
1 x Remote controller

# SC-2835ST



## 60 LEDs /M

|   | Model                  | Rated Watt         | DC Voltage | Beam Angle   | CRI      | IP Rating |                            | Lumens               |                      |                      |
|---|------------------------|--------------------|------------|--------------|----------|-----------|----------------------------|----------------------|----------------------|----------------------|
| ⊗ | SC-2835ST<br>SC-2835ST | 4.8W/M<br>1.5 W/FT | 12V<br>12V | 120°<br>120° | 80<br>80 | 20<br>20  | 1.2mm<br>0.05" 8mm/0.315"  | 490Lm/M<br>149 Lm/FT | 500Lm/M<br>152 Lm/FT | 510Lm/M<br>155 Lm/FT |
| ⊙ | SC-2835ST<br>SC-2835ST | 4.8W/M<br>1.5 W/FT | 12V<br>12V | 120°<br>120° | 80<br>80 | 64<br>64  | 3.2mm<br>0.125" 8mm/0.315" |                      |                      |                      |



### Control mode

RF remote control

### PACKAGING

- 1 x LED strip light
- 1 x Remote controller
- 1 x Adapter
- 1 x Control box



# SC-5050ST-RGB-02



Brightness adjustable



Multiple modes



Remote control



Easy installation



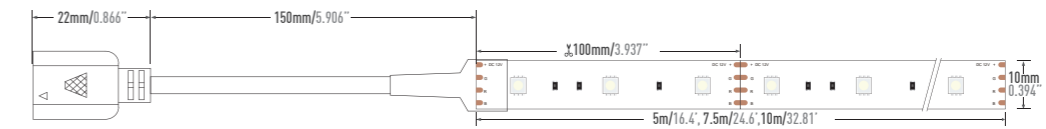
Schedule time



## 30 LEDs /M

|   | Model                  | Rated Watt         | DC Voltage  | Beam Angle   | IP Rating |                                |
|---|------------------------|--------------------|-------------|--------------|-----------|--------------------------------|
| ⊗ | SC-5050ST<br>SC-2835ST | 3.6W/M<br>1.1 W/FT | 12V<br>12 V | 120°<br>120° | 20<br>20  | 1.2mm<br>0.05"<br>10mm/0.394"  |
| ⊙ | SC-5050ST<br>SC-2835ST | 3.6W/M<br>1.1 W/FT | 12V<br>12 V | 120°<br>120° | 64<br>64  | 3.2mm<br>0.125"<br>10mm/0.394" |

### 12V



#### Control mode

IR remote control

#### PACKAGING

- 1 x LED strip light
- 1 x Remote controller
- 1 x Adapter
- 1 x Control box

# SC-5050ST-RGB-03



Color adjustable



Music mode



Brightness adjustable



Multiple modes



Remote control



Easy installation



APP control



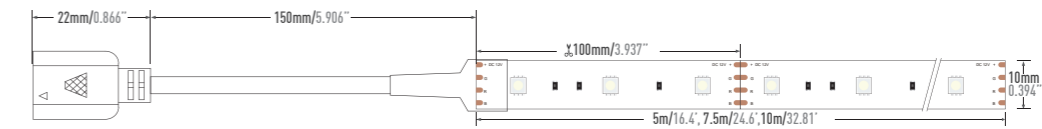
Schedule time



## 30 LEDs /M

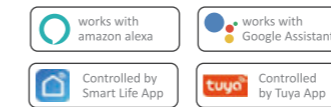
|   | Model                  | Rated Watt         | DC Voltage  | Beam Angle   | IP Rating |  |
|---|------------------------|--------------------|-------------|--------------|-----------|--|
| ⊗ | SC-5050ST<br>SC-2835ST | 3.6W/M<br>1.1 W/FT | 12V<br>12 V | 120°<br>120° | 20<br>20  |  |
| ⊙ | SC-5050ST<br>SC-2835ST | 3.6W/M<br>1.1 W/FT | 12V<br>12 V | 120°<br>120° | 64<br>64  |  |

### 12V



### Control mode

#### WiFi & Bluetooth+IR remote control+ Button



### PACKAGING

- 1 x LED strip light
- 1 x Remote controller
- 1 x Adapter
- 1 x Control box

# SC-0410-RGB-24



Color adjustable



Music mode



Brightness adjustable



Multiple modes



Remote control



Easy installation



APP control

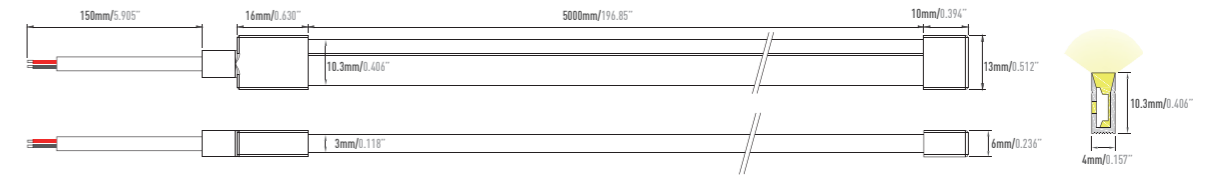


Schedule time

- Small and beautiful, extremely narrow luminous surface
- Tuya dual-mode intelligent control, multiple colors adjustable
- High cost performance

## 128 LEDs /M

| Model       | Rated Watt | DC Voltage | Beam Angle | IP Rating |
|-------------|------------|------------|------------|-----------|
| SC-0410-RGB | 13.1W/M    | 24V        | 120°       | 65        |
| SC-0410-RGB | 4.0 W/FT   | 24 V       | 120°       | 65        |



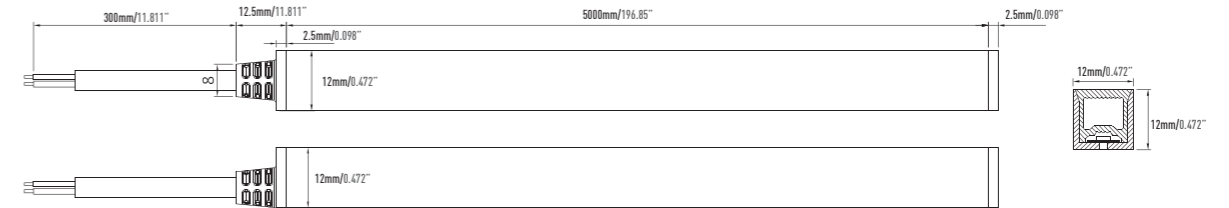
# SC-1212

- Can be cut arbitrarily to match the installation size, three-sided luminous, large beam angle
- Using high-end vapor phase silicone, strong weather resistance, no yellowing, good flexibility and plasticity
- Good waterproof effect, safer application
- Various color temperature can be selected, no light dot can be seen even in close distance, soft light



## 128 LEDs /M

| Model   | Rated Watt | DC Voltage | Beam Angle | CRI | IP Rating | Lumens    |           |           |
|---------|------------|------------|------------|-----|-----------|-----------|-----------|-----------|
| SC-1212 | 10W/M      | 12/24V     | 270°       | 80  | 65        | 1015Lm/M  | 1025Lm/M  | 1035Lm/M  |
| SC-1212 | 3.0 W/FT   | 12/24 V    | 270°       | 80  | 65        | 309 Lm/FT | 312 Lm/FT | 315 Lm/FT |



# Magic RGB Kits NEW



16 million colors pickup



Music rhythm



Static color adjustable



Dynamic mode



Microphone pickup



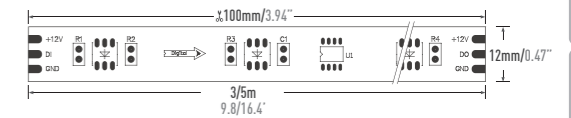
Plug and Play



Timing switch on/off

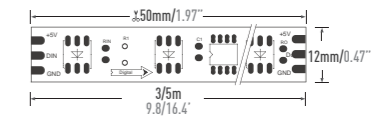
## 30 LEDs/M

|  | Model          | Rated Watt | DC Voltage | Length | IP Rating |
|--|----------------|------------|------------|--------|-----------|
|  | SC-5050-30D-3M | 18W        | 12V        | 3M     | 65        |
|  | SC-5050-30D-3M | 18 W       | 12 V       | 9.84FT | 65        |
|  | SC-5050-30D-5M | 18W        | 12V        | 5M     | 65        |
|  | SC-5050-30D-5M | 18 W       | 12 V       | 16.4FT | 65        |



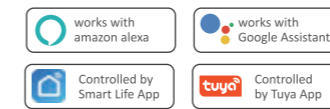
## 60 LEDs/M

|  | Model          | Rated Watt | DC Voltage | Length | IP Rating |
|--|----------------|------------|------------|--------|-----------|
|  | SC-5050-60D-3M | 15W        | 5V         | 3M     | 65        |
|  | SC-5050-60D-3M | 15 W       | 5 V        | 9.84FT | 65        |
|  | SC-5050-60D-5M | 15W        | 5V         | 5M     | 65        |
|  | SC-5050-60D-5M | 15 W       | 5 V        | 16.4FT | 65        |

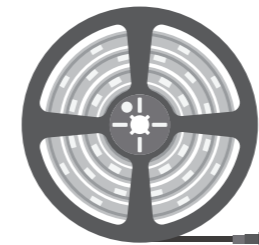


### Control mode

#### WiFi & Bluetooth+IR remote control+ Button



### PACKAGING



LED Strip light \*1



Power supply \*1



Remote control \*1



Plastic clips



Screws

Note: The parts list is based on the standard configuration of the specification.



2835 Series  
RGB Series  
Built-in IC Series  
2110 & 21016 Series  
3014 Series  
3528 Series  
5050 Series  
Special Strip  
COB Strip  
Neon Flex  
Rigid Strip  
Strip Kits

# AR Color Pickup NEW

## TV LED Ambience Kit



16 million colors pickup



Music rhythm



Multiple modes



Screen color sync



Easy installation



APP control



### 30 LEDs /M

| Model                    | Rated Watt       | DC Voltage  | Length        | Screen Size             |
|--------------------------|------------------|-------------|---------------|-------------------------|
| SC-5050-03<br>SC-5050-03 | 3W/M<br>0.9 W/FT | 12V<br>12 V | 1.5M<br>4.9FT | 24-32INCH<br>7.3-9.8FT  |
| SC-5050-03<br>SC-5050-03 | 3W/M<br>0.9 W/FT | 12V<br>12 V | 2.5M<br>4.9FT | 35-42INCH<br>7.3-9.8FT  |
| SC-5050-03<br>SC-5050-03 | 3W/M<br>0.9 W/FT | 12V<br>12 V | 3.5M<br>4.9FT | 50-80INCH<br>7.3-9.8FT  |
| SC-5050-03<br>SC-5050-03 | 3W/M<br>0.9 W/FT | 12V<br>12 V | 4.5M<br>4.9FT | 85-100INCH<br>7.3-9.8FT |

Illuminance

37Lm/pcs 110Lm/pcs 27Lm/pcs

### 60 LEDs /M

| Model                    | Rated Watt       | DC Voltage  | Length        | Screen Size             |
|--------------------------|------------------|-------------|---------------|-------------------------|
| SC-5050-03<br>SC-5050-03 | 3W/M<br>0.9 W/FT | 12V<br>12 V | 1.5M<br>4.9FT | 24-32INCH<br>7.3-9.8FT  |
| SC-5050-03<br>SC-5050-03 | 3W/M<br>0.9 W/FT | 12V<br>12 V | 2.5M<br>4.9FT | 35-42INCH<br>7.3-9.8FT  |
| SC-5050-03<br>SC-5050-03 | 3W/M<br>0.9 W/FT | 12V<br>12 V | 3.5M<br>4.9FT | 50-80INCH<br>7.3-9.8FT  |
| SC-5050-03<br>SC-5050-03 | 3W/M<br>0.9 W/FT | 12V<br>12 V | 4.5M<br>4.9FT | 85-100INCH<br>7.3-9.8FT |

Illuminance

40Lm/pcs 120Lm/pcs 30Lm/pcs

Control mode(optional)

1. Bluetooth + Button

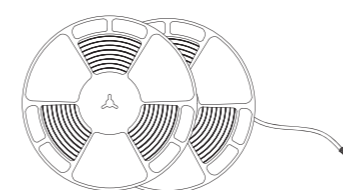


2. Bluetooth + Button

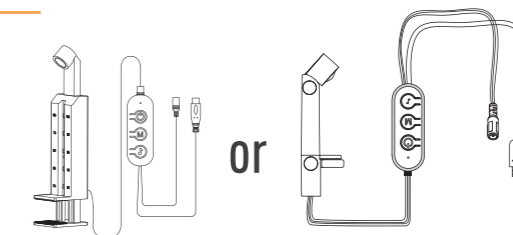


3. RF remote control + Button

PACKAGING



LED strip light \*1



Induction&control unit \*1



Power adapter \*1



Clip \*6

Note: The parts list is based on the standard configuration of the specification.



# TV Backlight Kits NEW V2 version



Color adjustable



Music mode



Brightness adjustable



Multiple modes



Remote control



Easy installation



APP control

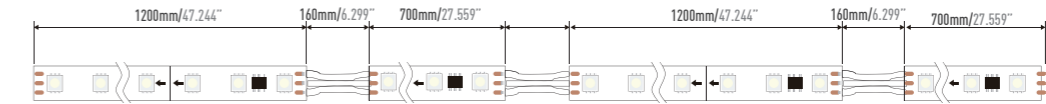


Schedule time



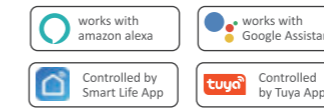
## 30 LEDs /M

| Model                            | Rated Watt          | DC Voltage  | Beam Angle   | IP Rating |                             |
|----------------------------------|---------------------|-------------|--------------|-----------|-----------------------------|
| SC-5050-RGB-V2<br>SC-5050-RGB-V2 | 24W/pcs<br>24 W/pcs | 12V<br>12 V | 120°<br>120° | 20<br>20  | 1.2mm<br>0.05" ±10mm/0.315" |

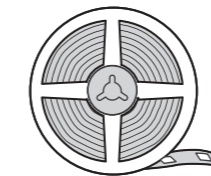


### Control mode

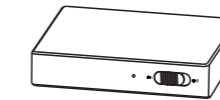
#### WiFi & Bluetooth+IR remote control+ Button



### PACKAGING



LED Strip Light x1



HDMI Sync control Box x1



Power Adapter x1



Fixing Clips x14



HDMI Cable x1

Note: The parts list is based on the standard configuration of the specification.  
Strip light length:12.5ft/3800mm, suitable TV size:55-65 inch.

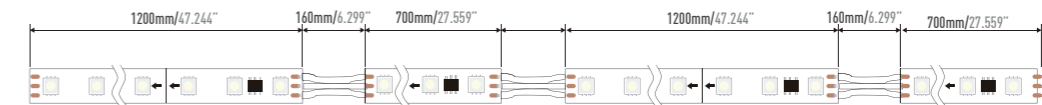
# TV Backlight Kits V1 version

- Color adjustable
- Music mode
- Brightness adjustable
- Multiple modes
- Remote control
- Easy installation
- APP control
- Schedule time



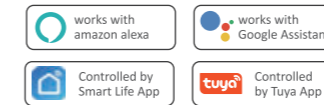
## 30 LEDs /M

|  | Model                      | Rated Watt         | DC Voltage  | Beam Angle   | IP Rating |                                    |
|--|----------------------------|--------------------|-------------|--------------|-----------|------------------------------------|
|  | SC-5050-RGB<br>SC-5050-RGB | 5.5W/M<br>1.7 W/FT | 12V<br>12 V | 120°<br>120° | 20<br>20  | <br>1.2mm<br>0.05"<br>10mm/0.315"  |
|  | SC-5050-RGB<br>SC-2835-RGB | 5.5W/M<br>1.7 W/FT | 12V<br>12 V | 120°<br>120° | 64<br>64  | <br>3.2mm<br>0.125"<br>10mm/0.394" |
|  | SC-5050-RGB<br>SC-2835-RGB | 5.5W/M<br>1.7 W/FT | 12V<br>12 V | 120°<br>120° | 65<br>65  | <br>4.3mm<br>0.18"<br>12mm/0.472"  |

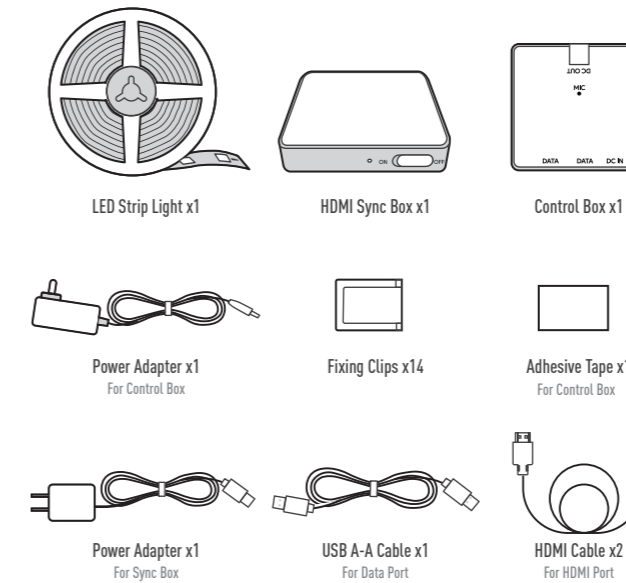


### Control mode

WiFi & Bluetooth+IR remote control+ Button



### PACKAGING



Note: The parts list is based on the standard configuration of the specification.

# Smart Light Bars



Brightness adjustable



Color adjustable



Dynamic mode



APP control



Schedule time



Multiple devices control



Multiple ways to use



## 27 LEDs /M

| Model                              | Rated Watt          | DC Voltage  | Beam Angle   | IP Rating |
|------------------------------------|---------------------|-------------|--------------|-----------|
| SC-5050-RGBIC-A<br>SC-5050-RGBIC-A | 2.5W/M<br>0.76 W/FT | 12V<br>12 V | 270°<br>270° | 64<br>64  |
| SC-ML-RGBIC-B<br>SC-2835-RGBIC-B   | 2.5W/M<br>0.76 W/FT | 12V<br>12 V | 270°<br>270° | 64<br>64  |

Illuminance

21.3Lm/pcs 21.3Lm/pcs 50Lm/pcs

56.8Lm/pcs 56.8Lm/pcs 130.6Lm/pcs

## 132 LEDs /M

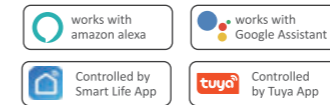
| Model                              | Rated Watt         | DC Voltage  | Beam Angle   | IP Rating |
|------------------------------------|--------------------|-------------|--------------|-----------|
| SC-2835-RGBIC-C<br>SC-2835-RGBIC-C | 14W/M<br>4.27 W/FT | 12V<br>12 V | 270°<br>270° | 64<br>64  |

Illuminance

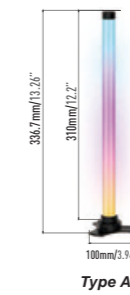
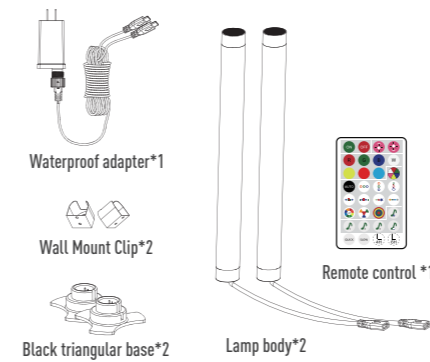
10.5Lm/pcs 10.5Lm/pcs 24.1Lm/pcs

Control mode

WiFi & Bluetooth+IR remote control+ Button



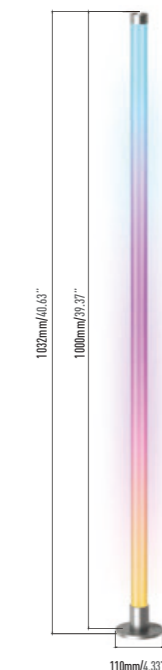
PACKAGING



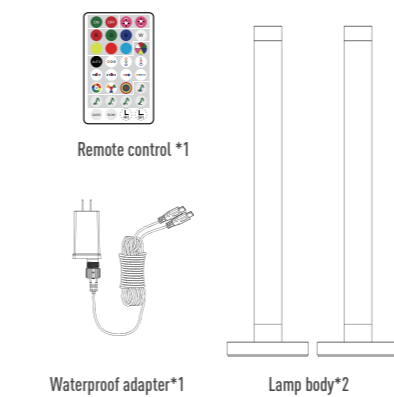
Type A



Type B



Type C



Note: The parts list is based on the standard configuration of the specification.

# SC-RGBTW



Color adjustable



Music mode



Brightness adjustable



Multiple modes



Remote control



Easy installation



APP control

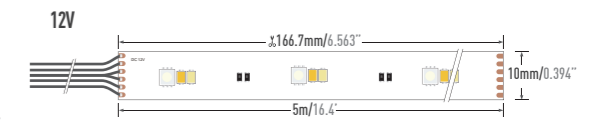


Schedule time



## 54 LEDs /M

| Model                | Rated Watt        | DC Voltage  | Beam Angle   | CRI      | IP Rating | Diagram |
|----------------------|-------------------|-------------|--------------|----------|-----------|---------|
| SC-RGBTW<br>SC-RGBTW | 8W/M<br>2.44 W/FT | 12V<br>12 V | 120°<br>120° | 80<br>80 | 20<br>20  |         |
| SC-RGBTW<br>SC-RGBTW | 8W/M<br>2.44 W/FT | 12V<br>12 V | 120°<br>120° | 80<br>80 | 44<br>44  |         |
| SC-RGBTW<br>SC-RGBTW | 8W/M<br>2.44 W/FT | 12V<br>12 V | 120°<br>120° | 80<br>80 | 65<br>65  |         |



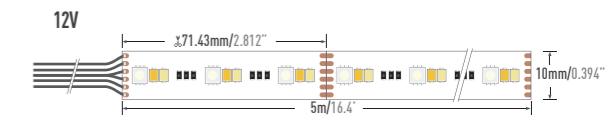
## 90 LEDs /M

| Model                | Rated Watt         | DC Voltage  | Beam Angle   | CRI      | IP Rating | Diagram |
|----------------------|--------------------|-------------|--------------|----------|-----------|---------|
| SC-RGBTW<br>SC-RGBTW | 10W/M<br>3.05 W/FT | 12V<br>12 V | 120°<br>120° | 80<br>80 | 20<br>20  |         |
| SC-RGBTW<br>SC-RGBTW | 10W/M<br>3.05 W/FT | 12V<br>12 V | 120°<br>120° | 80<br>80 | 44<br>44  |         |
| SC-RGBTW<br>SC-RGBTW | 10W/M<br>3.05 W/FT | 12V<br>12 V | 120°<br>120° | 80<br>80 | 65<br>65  |         |



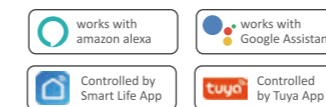
## 126 LEDs /M

| Model                | Rated Watt         | DC Voltage  | Beam Angle   | CRI      | IP Rating | Diagram |
|----------------------|--------------------|-------------|--------------|----------|-----------|---------|
| SC-RGBTW<br>SC-RGBTW | 12W/M<br>3.66 W/FT | 12V<br>12 V | 120°<br>120° | 80<br>80 | 20<br>20  |         |
| SC-RGBTW<br>SC-RGBTW | 12W/M<br>3.66 W/FT | 12V<br>12 V | 120°<br>120° | 80<br>80 | 44<br>44  |         |
| SC-RGBTW<br>SC-RGBTW | 12W/M<br>3.66 W/FT | 12V<br>12 V | 120°<br>120° | 80<br>80 | 65<br>65  |         |



### Control mode

WiFi & Bluetooth+IR remote control+ Button (Tuya smart controller), RF remote control (RF Mini-controller)

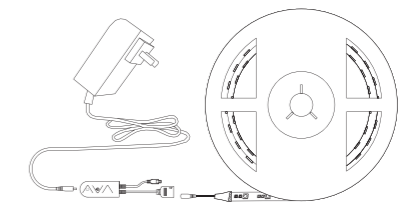


### PACKAGING

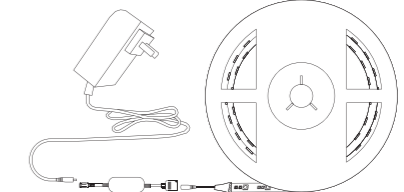
- 1 x LED strip light
- 1 x Remote controller
- 1 x Adapter
- 1 x Control box

Note: the quantity of packing accessories varies with different versions, in kind prevail.

### Tuya smart controller



### RF Mini-controller



2835 Series

RGB Series

Built-in IC Series

2110 & 21016 Series

3014 Series

3528 Series

5050 Series

Special Strip

COB Strip

Neon Flex

Rigid Strip

Strip Kits

# SC-5050-RGBTW NEW



Brightness adjustable



Color adjustable



Controller optional



multiple Sync & control



Ra 80/90



Cutttable



## 144 LEDs /M

|   | Model                          | Rated Watt         | DC Voltage  | Beam Angle   | IP Rating |  |
|---|--------------------------------|--------------------|-------------|--------------|-----------|--|
| ⊗ | SC-5050-KIT<br>SC-5050-KIT     | 18W/M<br>5.49 W/FT | 24V<br>24 V | 120°<br>120° | 20<br>20  |  |
| ⊙ | SC-5050-DTKIT<br>SC-5050-DTKIT | 18W/M<br>5.49 W/FT | 24V<br>24 V | 120°<br>120° | 64<br>64  |  |



Control mode

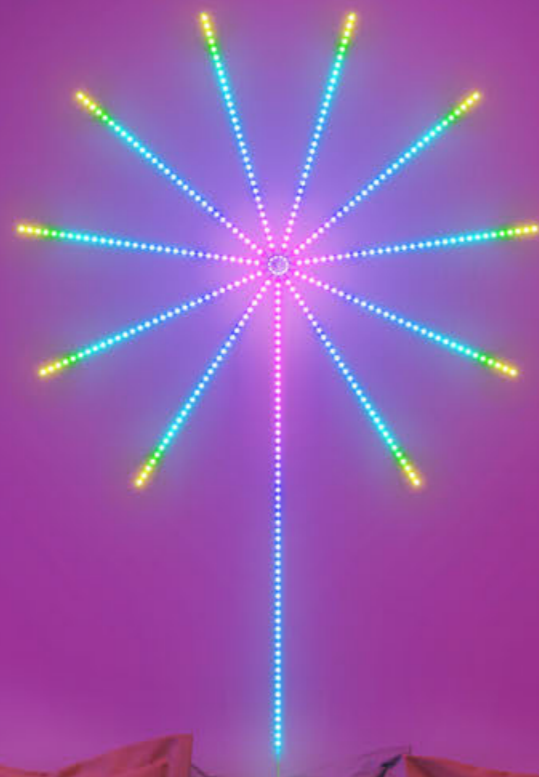
IR remote control

PACKAGING

- 2 x LED strip light
- 1 x Remote controller
- 1 x Adapter
- 1 x Control box



# SC-5050RGBICD



Color adjustable



Music mode



Brightness adjustable



Multiple modes



Remote control



Easy installation



APP control



Schedule time



RoHS



.IES



Warranty 1 year

## SC-5050RGBICD

| Model                                  | LED Qty.              | Power              | Beam Angle   | Voltage    | IP Rating    |
|--|-----------------------|--------------------|--------------|------------|--------------|
| SC-5050RGBICD-30D<br>SC-5050RGBICD-30D | 30LEDs/m<br>30 LEDs/m | 1.8W/m<br>0.55W/FT | 120°<br>120° | 12V<br>12V | IP64<br>IP64 |
| SC-5050RGBICD-48D<br>SC-5050RGBICD-48D | 48LEDs/m<br>48 LEDs/m | 3.0W/m<br>0.9W/FT  | 120°<br>120° | 12V<br>12V | IP64<br>IP64 |
| SC-5050RGBICD-60D<br>SC-5050RGBICD-60D | 60LEDs/m<br>60 LEDs/m | 3.6W/m<br>1.10W/FT | 120°<br>120° | 12V<br>12V | IP64<br>IP64 |

### Control mode

#### WiFi & Bluetooth+IR remote control+ Button



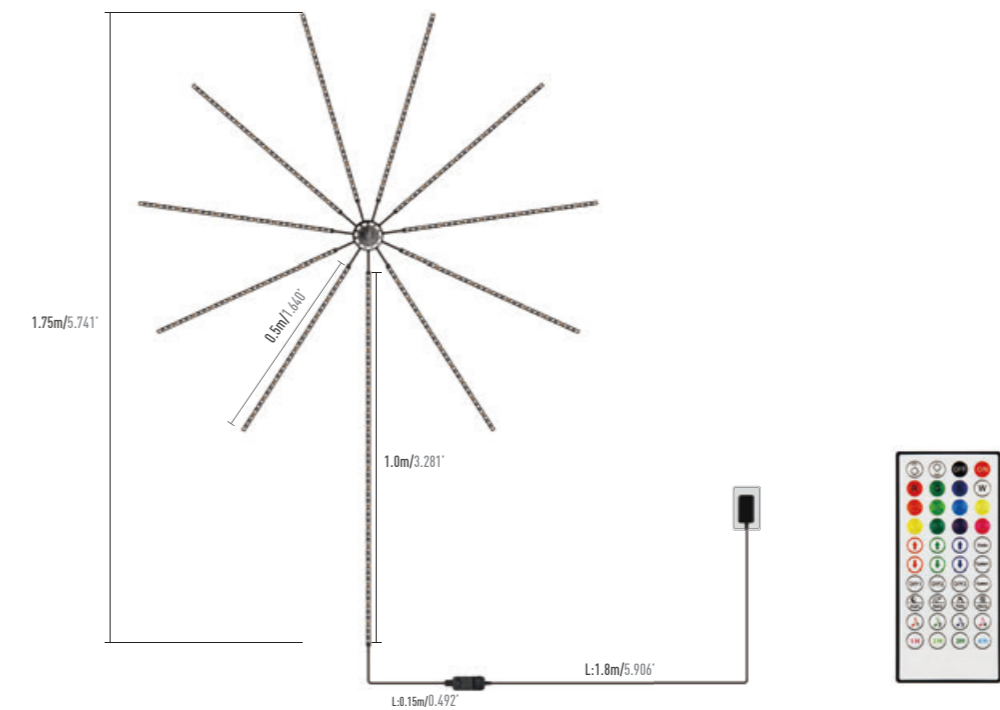
### PACKAGING

1 x LED strip light



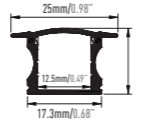

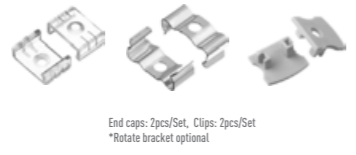
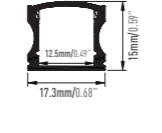


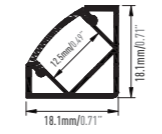

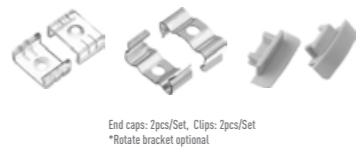
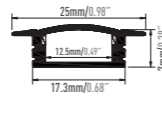


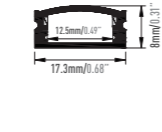


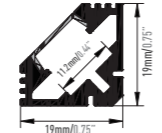


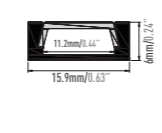
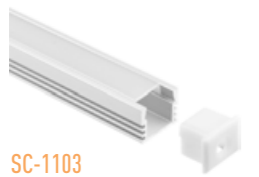

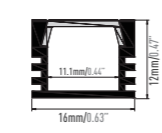



1 x Remote controller



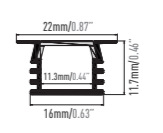


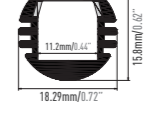


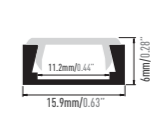


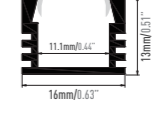


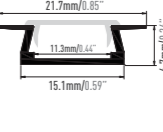


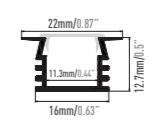


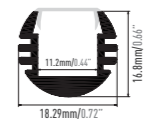


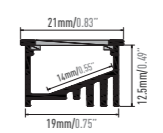


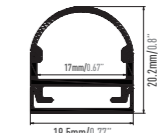
1 x Adapter



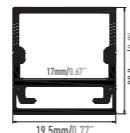


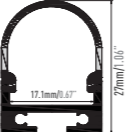


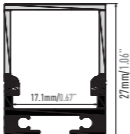
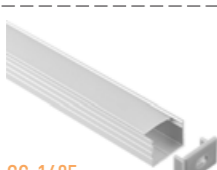

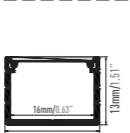
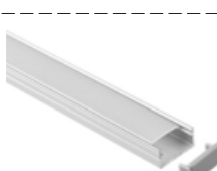

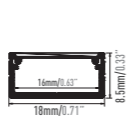
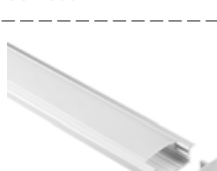








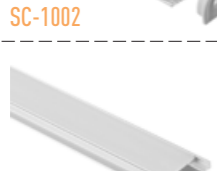

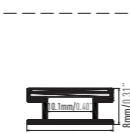
1 x Control box









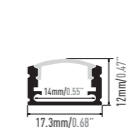


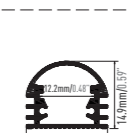


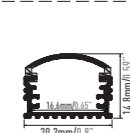


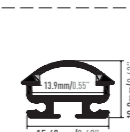


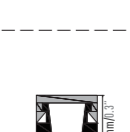


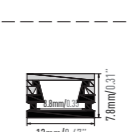





# Aluminum Profile



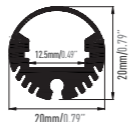


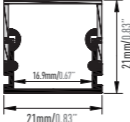


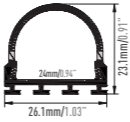


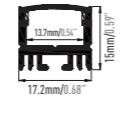


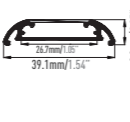








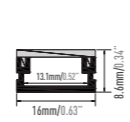
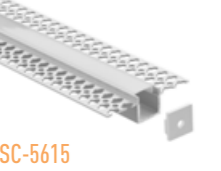

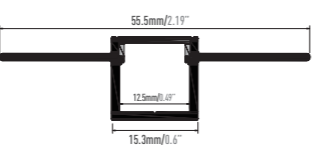
| Picture   | Accessories  | Dimensions  | FPC Width  |
|---|--|---|------------|
|    | <br>End caps: 2pcs/Set, Clips: 2pcs/Set   | <br>25mm/0.98"<br>12.5mm/0.49"<br>17.3mm/0.68"                  | 12mm/0.47" |
|    | <br>End caps: 2pcs/Set, Clips: 2pcs/Set<br>*Rotate bracket optional   | <br>12.5mm/0.49"<br>15mm/0.59"<br>17.3mm/0.68"                  | 12mm/0.47" |
|    | <br>End caps: 2pcs/Set, Clips: 2pcs/Set   | <br>12.5mm/0.49"<br>18.1mm/0.71"<br>18.1mm/0.71"                | 12mm/0.47" |
|    | <br>End caps: 2pcs/Set, Clips: 2pcs/Set<br>*Rotate bracket optional   | <br>25mm/0.98"<br>12.5mm/0.49"<br>17.3mm/0.68"<br>7mm/0.28"     | 12mm/0.47" |
|   | <br>End caps: 2pcs/Set, Clips: 2pcs/Set<br>*Rotate bracket optional, <math>\lt; 90^\circ</math> degrees rotate accessory optional | <br>12.5mm/0.49"<br>8mm/0.31"<br>17.3mm/0.68"                 | 12mm/0.47" |
|  | <br>End caps: 2pcs/Set, Clips: 2pcs/Set   | <br>12.5mm/0.49"<br>19mm/0.75"<br>19mm/0.75"                  | 11mm/0.43" |
|  | <br>End caps: 2pcs/Set, Clips: 2pcs/Set   | <br>11.2mm/0.44"<br>6mm/0.24"<br>15.9mm/0.63"                 | 11mm/0.43" |
|  | <br>End caps: 2pcs/Set, Clips: 2pcs/Set   | <br>11.1mm/0.44"<br>12mm/0.47"<br>16mm/0.63"                  | 11mm/0.43" |
|  | <br>End caps: 2pcs/Set, Clips: 2pcs/Set   | <br>21.7mm/0.85"<br>11.3mm/0.44"<br>15mm/0.59"<br>5.7mm/0.22" | 11mm/0.43" |



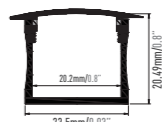


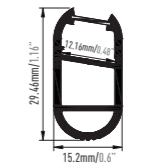


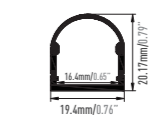


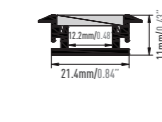


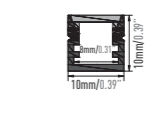
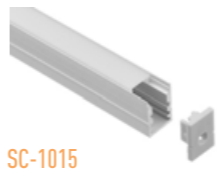

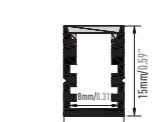



| Picture   | Accessories  | Dimensions   | FPC Width  |
|---|--|--|------------|
|    | <br>End caps: 2pcs/Set, Clips: 2pcs/Set   | <br>22mm/0.87"<br>11.3mm/0.44"<br>11.7mm/0.46"<br>16mm/0.63"      | 11mm/0.43" |
|    | <br>End caps: 2pcs/Set, Clips: 2pcs/Set   | <br>11.2mm/0.44"<br>15.3mm/0.60"<br>18.29mm/0.72"                 | 11mm/0.43" |
|    | <br>End caps: 2pcs/Set, Clips: 2pcs/Set   | <br>11.2mm/0.44"<br>6mm/0.24"<br>15.9mm/0.63"                     | 11mm/0.43" |
|    | <br>End caps: 2pcs/Set, Clips: 2pcs/Set   | <br>11.1mm/0.44"<br>12mm/0.47"<br>16mm/0.63"                      | 11mm/0.43" |
|   | <br>End caps: 2pcs/Set, Clips: 2pcs/Set | <br>21.7mm/0.85"<br>11.3mm/0.44"<br>15.1mm/0.59"<br>6.7mm/0.26" | 11mm/0.43" |
|  | <br>End caps: 2pcs/Set, Clips: 2pcs/Set | <br>22mm/0.87"<br>11.3mm/0.44"<br>12.7mm/0.5"<br>16mm/0.63"     | 11mm/0.43" |
|  | <br>End caps: 2pcs/Set, Clips: 2pcs/Set | <br>11.2mm/0.44"<br>16.8mm/0.66"<br>18.29mm/0.72"               | 11mm/0.43" |
|  | <br>End caps: 2pcs/Set, Clips: 2pcs/Set | <br>21mm/0.83"<br>11mm/0.43"<br>12.5mm/0.49"<br>19mm/0.75"      | 13mm/0.51" |
|  | <br>End caps: 2pcs/Set                  | <br>17mm/0.67"<br>20.3mm/0.8"<br>19.5mm/0.77"                   | 16mm/0.63" |

| Picture  | Accessories   | Dimensions  | FPC Width  |
|--|---|---|------------|
| <br>SC-1602   | <br>End caps: 2pcs/Set   | <br>17mm/0.67"<br>20.2mm/0.8"<br>19.5mm/0.77"                      | 16mm/0.63" |
| <br>SC-1603   | <br>End caps: 2pcs/Set, Clips: 2pcs/Set<br>*suspension slings optional             | <br>17mm/0.67"<br>20.3mm/0.78"<br>20mm/0.78"                       | 16mm/0.63" |
| <br>SC-1604   | <br>End caps: 2pcs/Set, Clips: 2pcs/Set<br>*suspension slings optional             | <br>17mm/0.67"<br>20.3mm/0.78"<br>20mm/0.78"                       | 16mm/0.63" |
| <br>SC-1605   | <br>End caps: 2pcs/Set, Clips: 2pcs/Set  | <br>16mm/0.63"<br>18mm/0.71"<br>13mm/0.51"                         | 16mm/0.63" |
| <br>SC-1606  | <br>End caps: 2pcs/Set, Clips: 2pcs/Set  | <br>16mm/0.63"<br>18mm/0.71"<br>6.5mm/0.25"                       | 16mm/0.63" |
| <br>SC-2001 | <br>End caps: 2pcs/Set, Clips: 2pcs/Set  | <br>20.2mm/0.81"<br>23.5mm/0.93"<br>30.3mm/1.19"<br>9.75mm/0.38" | 20mm/0.79" |
| <br>SC-2002 | <br>End caps: 2pcs/Set, Clips: 2pcs/Set  | <br>20.2mm/0.81"<br>23.5mm/0.93"<br>9.75mm/0.38"                 | 20mm/0.79" |
| <br>SC-1002 | <br>End caps: 2pcs/Set, Clips: 2pcs/Set<br>*90 degrees rotate accessory optional | <br>10.5mm/0.41"<br>16mm/0.63"<br>14mm/0.55"                     | 10mm/0.39" |
| <br>SC-1003 | <br>End caps: 2pcs/Set, Clips: 2pcs/Set  | <br>10.5mm/0.41"<br>19.1mm/0.75"<br>8mm/0.31"                    | 10mm/0.39" |

| Picture  | Accessories  | Dimensions   | FPC Width    |
|--|--|--|--------------|
| <br>SC-00   | <br>End caps: 2pcs/Set, Clips: 2pcs/Set   | <br>11mm/0.43"<br>16.8mm/0.66"                      | 10mm/0.39"   |
| <br>SC-01   | <br>End caps: 2pcs/Set, Clips: 2pcs/Set   | <br>13.5mm/0.53"<br>15.67mm/0.62"<br>16mm/0.63"     | 13.5mm/0.53" |
| <br>SC-03   | <br>End caps: 2pcs/Set, Clips: 2pcs/Set   | <br>14mm/0.55"<br>17.3mm/0.68"<br>12mm/0.47"        | 14mm/0.55"   |
| <br>SC-1810 | <br>End caps: 2pcs/Set, Clips: 2pcs/Set   | <br>12.2mm/0.48"<br>16.8mm/0.66"<br>18mm/0.71"      | 12mm/0.47"   |
| <br>SC-11  | <br>End caps: 2pcs/Set, Clips: 2pcs/Set | <br>14.4mm/0.57"<br>20.2mm/0.8"<br>14.8mm/0.59"    | 16mm/0.63"   |
| <br>SC-06 | <br>End caps: 2pcs/Set, Clips: 2pcs/Set | <br>13.5mm/0.53"<br>15.68mm/0.62"<br>10.7mm/0.42" | 13.5mm/0.53" |
| <br>SC-07 | <br>End caps: 2pcs/Set, Clips: 2pcs/Set | <br>8mm/0.31"<br>7.7mm/0.3"                       | 5mm/0.2"     |
| <br>SC-08 | <br>End caps: 2pcs/Set, Clips: 2pcs/Set | <br>12mm/0.47"<br>7.8mm/0.31"                     | 8mm/0.31"    |
| <br>SC-10 | <br>End caps: 2pcs/Set, Clips: 2pcs/Set | <br>21.3mm/0.84"<br>25mm/0.98"<br>15.1mm/0.59"    | 20mm/0.79"   |



| Picture  | Accessories   | Dimensions  | FPC Width  |
|--|---|---|------------|
| <br>SC-2020   | <br>End caps: 2pcs/Set, Clips: 2pcs/Set<br>*suspension slings optional | <br>20mm/0.79"<br>12.5mm/0.49"                     | 12mm/0.47" |
| <br>SC-2121   | <br>End caps: 2pcs/Set, Clips: 2pcs/Set                                | <br>21mm/0.83"<br>16.1mm/0.63"                     | 16mm/0.63" |
| <br>SC-2401   | <br>End caps: 2pcs/Set, Clips: 2pcs/Set<br>*suspension slings optional | <br>26.1mm/1.03"<br>21.1mm/0.83"                   | 16mm/0.63" |
| <br>SC-1715   | <br>End caps: 2pcs/Set, Clips: 2pcs/Set<br>*suspension slings optional | <br>17.2mm/0.68"<br>13.7mm/0.54"                   | 13mm/0.52" |
| <br>SC-2601  | <br>End caps: 2pcs/Set, Clips: 2pcs/Set                              | <br>39.1mm/1.54"<br>23.2mm/0.91"<br>8.8mm/0.35"  | 26mm/1.02" |
| <br>SC-2007 | <br>End caps: 2pcs/Set, Clips: 2pcs/Set                              | <br>23.5mm/0.93"<br>20.2mm/0.8"                  | 20mm/0.79" |
| <br>SC-1815 | <br>End caps: 2pcs/Set, Clips: 2pcs/Set                              | <br>12mm/0.47"<br>10.1mm/0.39"                   | 10mm/0.39" |
| <br>SC-1610 | <br>End caps: 2pcs/Set   | <br>16mm/0.63"<br>13.1mm/0.51"<br>8.6mm/0.34"    | 13mm/0.51" |
| <br>SC-5615 | <br>End caps: 2pcs/Set   | <br>55.5mm/2.19"<br>15.3mm/0.6"<br>13.5mm/0.53" | 12mm/0.47" |

| Picture  | Accessories  | Dimensions   | FPC Width  |
|--|--|--|------------|
| <br>SC-2008   | <br>End caps: 2pcs/Set, Clips: 2pcs/Set   | <br>23.5mm/0.93"<br>20.8mm/0.82"                  | 20mm/0.79" |
| <br>SC-1401   | <br>End caps: 2pcs/Set, Clips: 2pcs/Set   | <br>29.46mm/1.16"<br>15.2mm/0.6"<br>12.16mm/0.48" | 12mm/0.47" |
| <br>SC-1608   | <br>End caps: 2pcs/Set, Clips: 2pcs/Set   | <br>19.4mm/0.76"<br>16.4mm/0.65"<br>23.77mm/0.94" | 16mm/0.63" |
| <br>SC-2610   | <br>End caps: 2pcs/Set                    | <br>21.4mm/0.84"<br>11mm/0.43"<br>12.2mm/0.48"    | 12mm/0.47" |
| <br>SC-1010  | <br>End caps: 2pcs/Set                  | <br>10mm/0.39"<br>8mm/0.31"                     | 8mm/0.31"  |
| <br>SC-1015 | <br>End caps: 2pcs/Set, Clips: 2pcs/Set | <br>10mm/0.39"<br>15mm/0.59"                    | 8mm/0.31"  |
| <br>SC-1615 | <br>End caps: 2pcs/Set, Clips: 2pcs/Set | <br>10mm/0.39"<br>15mm/0.59"                    | 8mm/0.31"  |

# Connector

## Non-waterproof

### 8mm (Single color)

**SC-C1-8**  
Strip to wire connector  
PCB Width: 8mm  
Overcurrent: 3A Max

**SC-C2-8**  
Strip to strip connector  
PCB Width: 8mm  
Overcurrent: 3A Max

**SC-C3-8**  
Strip to strip with wire  
PCB Width: 8mm  
Overcurrent: 3A Max

**L-CONNECTOR**  
Strip to strip connector  
PCB Width: 8mm  
Overcurrent: 3A Max

**T-CONNECTOR**  
Strip to strip connector  
PCB Width: 8mm  
Overcurrent: 3A Max

**CON-1-8**  
Anti-pull, with white box  
Strip to wire connector  
PCB Width: 8mm  
Overcurrent: 3A Max

**CON-2-8**  
Anti-pull, with white box  
Strip to strip connector  
PCB Width: 8mm  
Overcurrent: 3A Max

**CON-3-8**  
Anti-pull, with white box  
Strip to strip with wire  
PCB Width: 8mm  
Overcurrent: 3A Max

**SC-HP-N8XB-2**  
Anti-pull, with box  
Strip to wire connector  
PCB Width: 8mm  
Overcurrent: 5A Max

**SC-HP-N8BB-2**  
Anti-pull, with box  
Strip to strip connector  
PCB Width: 8mm  
Overcurrent: 5A Max

**SC-XB8-2P**  
Anti-pull, box with screws  
Strip to wire connector  
PCB Width: 8mm  
Overcurrent: 6A Max

**SC-BB8-2P**  
Anti-pull, box with screws  
Strip to strip connector  
PCB Width: 8mm  
Overcurrent: 6A Max

### 10mm (Single color)

**SC-C1-10**  
Strip to wire connector  
PCB Width: 10mm  
Overcurrent: 3A Max

**SC-C2-10**  
Strip to strip connector  
PCB Width: 10mm  
Overcurrent: 3A Max

**SC-C3-10**  
Strip to strip with wire  
PCB Width: 10mm  
Overcurrent: 3A Max

**L-CONNECTOR**  
Strip to strip connector  
PCB Width: 10mm  
Overcurrent: 3A Max

**T-CONNECTOR**  
Strip to strip connector  
PCB Width: 10mm  
Overcurrent: 3A Max

**CON-1-10**  
Anti-pull, with white box  
Strip to wire connector  
PCB Width: 10mm  
Overcurrent: 3A Max

**CON-2-10**  
Anti-pull, with white box  
Strip to strip connector  
PCB Width: 10mm  
Overcurrent: 3A Max

**CON-3-10**  
Anti-pull, with white box  
Strip to strip with wire  
PCB Width: 10mm  
Overcurrent: 3A Max

**SC-HP-N10XB-2/2G**  
Anti-pull, with box  
Strip to wire connector  
PCB Width: 10mm  
Overcurrent: 5A Max  
\* Suitable for 30-120LEDs/M or 240LEDs/m

**SC-HP-N10BB-2/2G**  
Anti-pull, with box  
Strip to strip connector  
PCB Width: 10mm  
Overcurrent: 5A Max  
\* Suitable for 30-120LEDs/M or 240LEDs/m

**SC-XB10-2P**  
Anti-pull, box with screws  
Strip to wire connector  
PCB Width: 10mm  
Overcurrent: 6A Max

**SC-BB10-2P**  
Anti-pull, box with screws  
Strip to strip connector  
PCB Width: 10mm  
Overcurrent: 6A Max

### 10mm (Double color)

**SC-C1-3P-10**  
Strip to wire connector  
PCB Width: 10mm  
Overcurrent: 3A Max

**SC-C2-3P-10**  
Strip to strip connector  
PCB Width: 10mm  
Overcurrent: 3A Max

**SC-C3-3P-10**  
Strip to strip with wire  
PCB Width: 10mm  
Overcurrent: 3A Max

**SC-HP-N10XB-3**  
Anti-pull, with box  
Strip to wire connector  
PCB Width: 10mm  
Overcurrent: 5A Max

**SC-HP-N10BB-3**  
Anti-pull, with box  
Strip to strip connector  
PCB Width: 10mm  
Overcurrent: 5A Max

### 10mm (RGB color)

**SC-C1-RGB**  
Strip to wire connector  
PCB Width: 10mm  
Overcurrent: 3A Max

**SC-C2-RGB**  
Strip to strip connector  
PCB Width: 10mm  
Overcurrent: 3A Max

**SC-C3-RGB**  
Strip to strip with wire  
PCB Width: 10mm  
Overcurrent: 3A Max

**CON-1-RGB**  
Anti-pull, with white box  
Strip to wire connector  
PCB Width: 10mm  
Overcurrent: 3A Max

**CON-2-RGB**  
Anti-pull, with white box  
Strip to strip connector  
PCB Width: 10mm  
Overcurrent: 3A Max

**CON-3-RGB**  
Anti-pull, with white box  
Strip to strip with wire  
PCB Width: 10mm  
Overcurrent: 3A Max

**SC-HP-N10XB-4**  
Anti-pull, with box  
Strip to wire connector  
PCB Width: 10mm  
Overcurrent: 5A Max

**SC-HP-N10BB-4**  
Anti-pull, with box  
Strip to strip connector  
PCB Width: 10mm  
Overcurrent: 5A Max

### 12mm (4in1 color)

**SC-HP-N12XB-5/5G**  
Anti-pull, with box  
Strip to wire connector  
PCB Width: 12mm  
Overcurrent: 5A Max  
\* Suitable for 30-120LEDs/M or 240LEDs/m

**SC-HP-N12XB-5/5G**  
Anti-pull, with box  
Strip to strip connector  
PCB Width: 12mm  
Overcurrent: 5A Max  
\* Suitable for 30-120LEDs/M or 240LEDs/m

## Waterproof

### 8mm (Epoxy/Single color)

**SC-HPS-N8XB-2**  
Epoxy strip, Anti-pull  
Strip to wire connector  
PCB Width: 8mm  
Overcurrent: 5A Max

**SC-HPS-N8BB-2**  
Epoxy strip, Anti-pull  
Strip to strip connector  
PCB Width: 8mm  
Overcurrent: 5A Max

### 10mm (Epoxy/Single color)

**SC-HPS-N10XB-2**  
Epoxy strip, Anti-pull  
Strip to wire connector  
PCB Width: 10mm  
Overcurrent: 5A Max

**SC-HPS-N10BB-2**  
Epoxy strip, Anti-pull  
Strip to strip connector  
PCB Width: 10mm  
Overcurrent: 5A Max

### 10mm (Silicon sleeve/Single color)

**SC-FS-N10XB-2**  
Silicon sleeve, Anti-pull  
Strip to wire connector  
PCB Width: 10mm  
Overcurrent: 5A Max

**SC-FS-N10BB-2**  
Silicon sleeve, Anti-pull  
Strip to strip connector  
PCB Width: 10mm  
Overcurrent: 5A Max

### 10mm (Epoxy/Double color)

**SC-HPS-N10XB-3**  
Epoxy strip, Anti-pull  
Strip to wire connector  
PCB Width: 10mm  
Overcurrent: 5A Max

**SC-HPS-N10BB-3**  
Epoxy strip, Anti-pull  
Strip to strip connector  
PCB Width: 10mm  
Overcurrent: 5A Max

### 10mm (Silicon sleeve/RGB color)

**SC-HPS-N10XB-4**  
Silicon sleeve, Anti-pull  
Strip to wire connector  
PCB Width: 10mm  
Overcurrent: 5A Max

**SC-HPS-N10BB-4**  
Silicon sleeve, Anti-pull  
Strip to strip connector  
PCB Width: 10mm  
Overcurrent: 5A Max

### 10mm (Epoxy/RGB color)

**SC-HPS-N10XB-4**  
Epoxy strip, Anti-pull  
Strip to wire connector  
PCB Width: 10mm  
Overcurrent: 5A Max

**SC-HPS-N10BB-4**  
Epoxy strip, Anti-pull  
Strip to strip connector  
PCB Width: 10mm  
Overcurrent: 5A Max

### 12mm (4in1 color)

**SC-HPS-N12XB-5**  
Anti-pull, with box  
Strip to wire connector  
PCB Width: 12mm  
Overcurrent: 5A Max

**SC-HPS-N12BB-5**  
Anti-pull, with box  
Strip to strip connector  
PCB Width: 12mm  
Overcurrent: 5A Max

# Accessories

## Non-waterproof



**SC-XC-JXD-D1**

Single wire  
Wire to wire connector  
Overcurrent: 9A Max  
Wire size: 22-18#



**SC-XC-JXD-H2**

Double wire  
Wire to wire connector  
Overcurrent: 9A Max  
Wire size: 22-18#



**SC-XC-JXD-T1**

Single wire  
T connector wire  
Overcurrent: 9A Max  
Wire size: 22-18#



**SC-XC-JXD-T2**

Double wire  
T connector wire  
Overcurrent: 9A Max  
Wire size: 22-18#



**SC-XC-JXD-D2**

Double wire  
Wire to wire connector  
Overcurrent: 9A Max  
Wire size: 22-18#

## Waterproof



**Mounting clip**

Silicone version Strips  
Available for 8mm and 10mm width



**End cap**

Without hole for 8mm and 10mm width



**End cap**

With 2 hole for 8mm and 10mm width



**End cap**

With 4 hole for for RGB strip



**Wire connector**

Connector with wire for single color



**Wire connector**

Connector with wire for RGB strips



**Sealed connector**

Connector for seal, available for single color



**Sealed connector**

Connector for seal, available for RGB strip

## Limited Warranty-1year/ 3 years/ 5 years

The Warranty Period will begin at the date of original Product purchase from either Signcomplex, or an authorized Signcomplex Distributor/Dealer. Signcomplex will repair or replace product covered under this warranty with components at Signcomplex's election or discretion. Advances in technology may lead to "better or advanced" products being selected for replacement.

This Warranty is further conditioned on the purchaser contacting Signcomplex during the warranty period between normal business hours to review the issue and initiate the Returned Merchandise Authorization (RMA) process. This must be done prior to the return of any defective product. Only Signcomplex manufactured products may be returned through the Signcomplex RMA process. No defective products, Signcomplex or otherwise, will be returned to purchaser. The Signcomplex RMA form must be legible and completed in detail prior to approval for return. The Signcomplex Warranty is further conditioned and will only apply to Signcomplex products that are properly installed. This includes wiring and connection to proper approved components and product working environments. This Warranty is void and does not apply to products that fail as a result of neglect, mistake, misuse, alteration, improper installation or implementation. This includes but is not limited to: improper wiring, installation under improper and nonapproved operating environments such as temperature, humidity or voltage conditions; improper installation using components that are not approved or are not Signcomplex manufactured products.

Installation and usage of Signcomplex products should only be completed in association and complete knowledge of all necessary and related codes, standards and instructions of installation. It is the responsibility of the purchaser to obtain all necessary approvals and to understand the product's intended use and all relevant instructions, recommendations, and guidelines for the proper installation, use of any Signcomplex product and related "manufactured products," used in conjunction with . The accuracy and completeness of any statements, technical information and recommendations in any form of product literature or instructions are not guaranteed, are not part of this Warranty, and does not in any way constitute a warranty. The purchaser is responsible for suitability of installation and full implementation and must determine potential applications and installations independently.

Warranty Compensation will be based on "usage factors and time in use" and "Technology Value," and will be preperated based on this and information collected via the RMA process.

