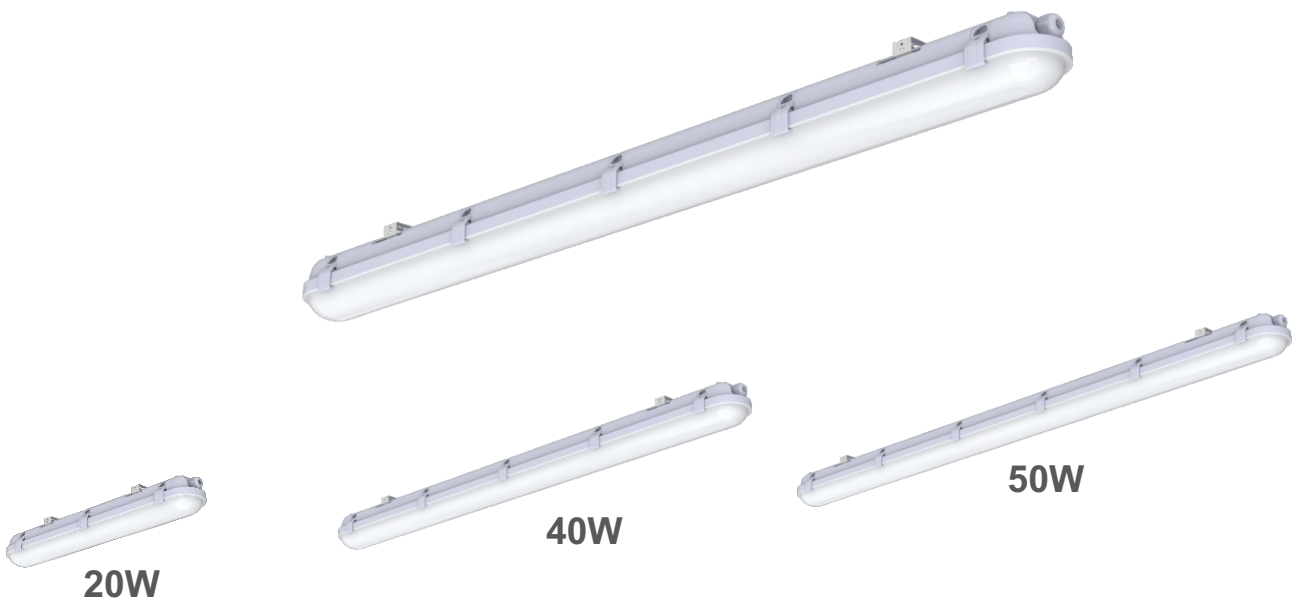


C Series Tri-proof Light

TP-020/040/050-AH-W/NW/WW-CZYY



Available colors



Description

- C series tri-proof light is designed for places requiring waterproof, dustproof and slight corrosion-resistant lighting, such as warehouse, parking lot, food factory, dust factory, cold storage, etc. It can be used in places requiring corrosion-resistant lighting, while common tri-proof light cannot reach this requirement. Photoelectric separation design and LED lifespan is up to 50,000 hours.

Features

- Integrated design of the lampshade and the fixing plate of lamp panel makes it more convenient for wiring, saving more than half of the installation time.
- The reserved screw holes in clamp are for shockproof.
- Photoelectric separation for effective heat dissipation.
- High-light-transmittance cover, high luminous efficacy, uniform and soft light, 100LM/W and 130LM/W optional.
- Metal and plastic clamp optional.
- Excellent waterproof performance, IP65.
- Operating temperature range: -20°C-40°C (Emergency:0°C-35°C)
- The lamp is equipped with emergency power supply,when power failure,the lamp can continue to work 3 hours at 6w(0.6m) ,12w(1.2m,1.5m)brightness, charging time = 24 hours.
- 2 types of installation: ceiling bracket and lifting rope.
- Corrosion-resistant grade: slight corrosion-resistant.

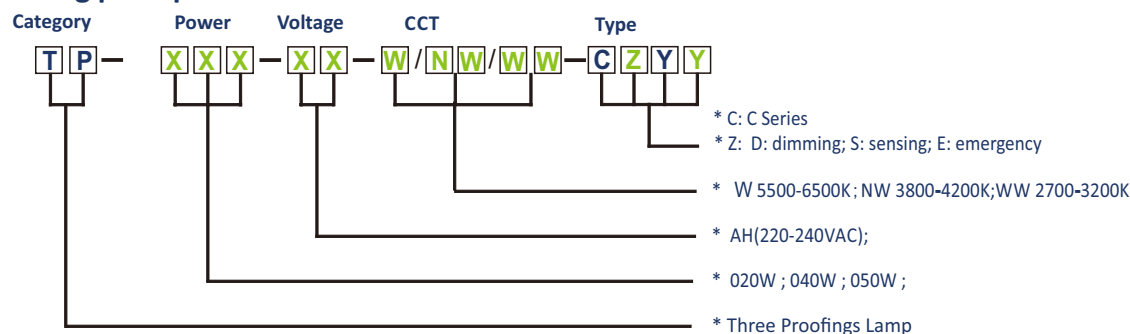
Technical Parameters

Model	CCT	Color	Lumen(± 10%)	Beam Angle (degree)	LED Type	Voltage Frequency(V)	Power(W) (± 10%)	Max Current (A)	CRI	PF
TP-020-AH-W-C02/CS02	5500-6500K	W	2040	120	SMD2835	AC220-240V 50/60Hz	20	0.12	≥ 80	≥ 0.9
TP-020-AH-NW-C02/CS02	3800-4200K	NW	2000							
TP-020-AH-WW-C02/CS02	2700-3200K	WW	1860							
TP-040-AH-W-C02/CS02	5500-6500K	W	4040	120	SMD2835	AC220-240V 50/60Hz	40	0.25	≥ 80	≥ 0.9
TP-040-AH-NW-C02/CS02	3800-4200K	NW	3960							
TP-040-AH-WW-C02/CS02	2700-3200K	WW	3760							
TP-050-AH-W-C02/CS02	5500-6500K	W	5100	120	SMD2835	AC220-240V 50/60Hz	50	0.30	≥ 80	≥ 0.9
TP-050-AH-NW-C02/CS02	3800-4200K	NW	5050							
TP-050-AH-WW-C02/CS02	2700-3200K	WW	4700							
TP-020-AH-W-CH02/CSH02	5500-6500K	W	2600	120	SMD2835	AC220-240V 50/60Hz	20	0.12	≥ 80	≥ 0.9
TP-020-AH-NW-CH02/CSH02	3800-4200K	NW	2560							
TP-020-AH-WW-CH02/CSH02	2700-3200K	WW	2300							
TP-040-AH-W-CH02/CSH02	5500-6500K	W	5160	120	SMD2835	AC220-240V 50/60Hz	40	0.25	≥ 80	≥ 0.9
TP-040-AH-NW-CH02/CSH02	3800-4200K	NW	5120							
TP-040-AH-WW-CH02/CSH02	2700-3200K	WW	4720							
TP-050-AH-W-CH02/CSH02	5500-6500K	W	6550	120	SMD2835	AC220-240V 50/60Hz	50	0.30	≥ 80	≥ 0.9
TP-050-AH-NW-CH02/CSH02	3800-4200K	NW	6450							
TP-050-AH-WW-CH02/CSH02	2700-3200K	WW	5800							

C02=conventional milky white lampshade series CS02 milky white lampshade series with sensor

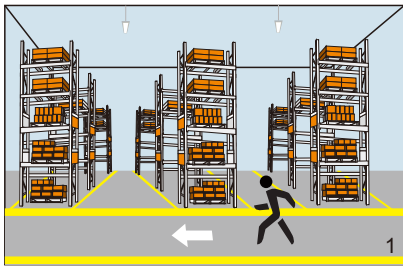
CH02=high bright milky white lampshade series CSH02 high bright milky white lampshade series with sensor

Coding principle

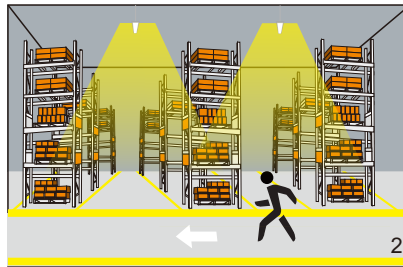


Sensing series introduction

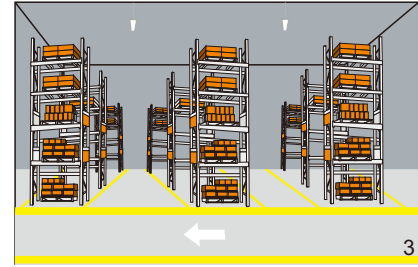
Those C lamps that built-in sensor can detect moving objects and environment brightness.



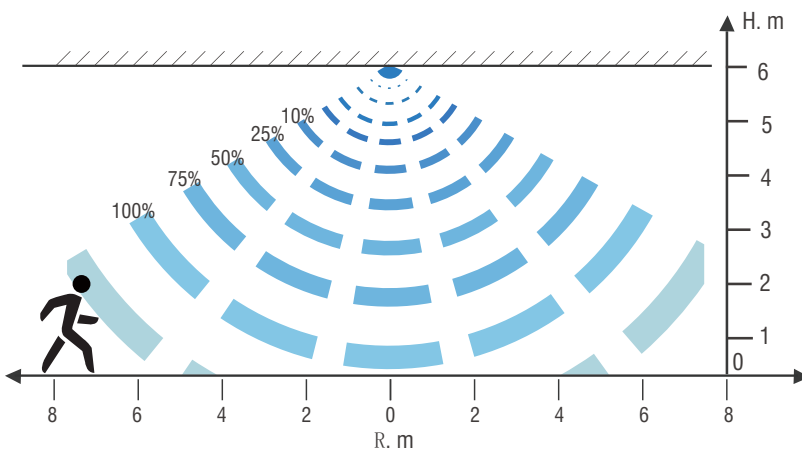
The lamp keeps off in the daytime.



In the evening, if there is moving object around, the lamp switch on.



No moving object around, 5 minutes later the lamp switch off.



Standby power	<0.5W
Microwave frequency	5.8GHz 75MHz
Microwave power	<1mW
Mounting height	Max.6m
Detection range	Max.14m

Remote controller introduction

All control parameters are set via a remote controller. the remote controller need to be bought separately.
Model of remote controller: HD02R

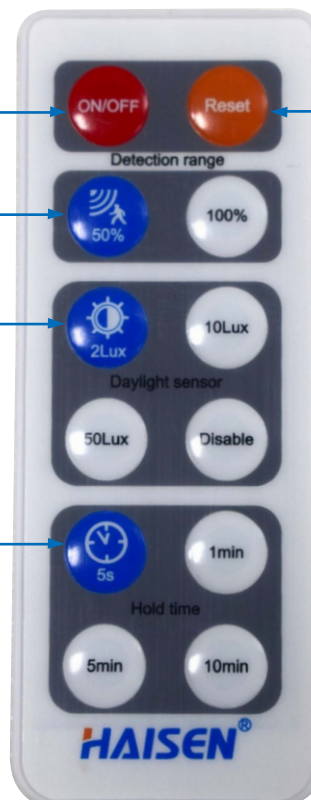
To set the lamp keeps permanently on or off, press "reset" to quit from this mode.

The detection Range will also reduce to sensitivity.

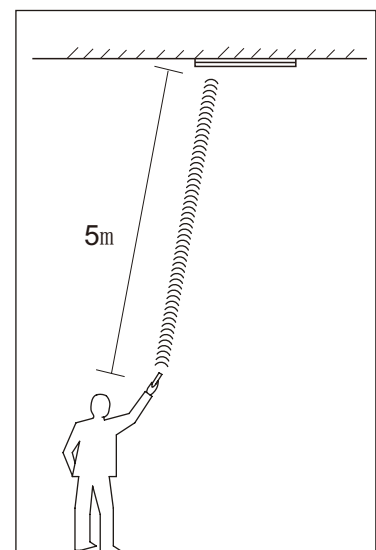
The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold.

*When set to Disable mode, the lamp switch on when motion is detected regardless of ambient light levels.

Refers to the time period the lamp remains at 100% illumination after no motion detected.



All the setting will be just initial:
Detection range: 100%
Daylight sensor: Disable
Hold time: 5S

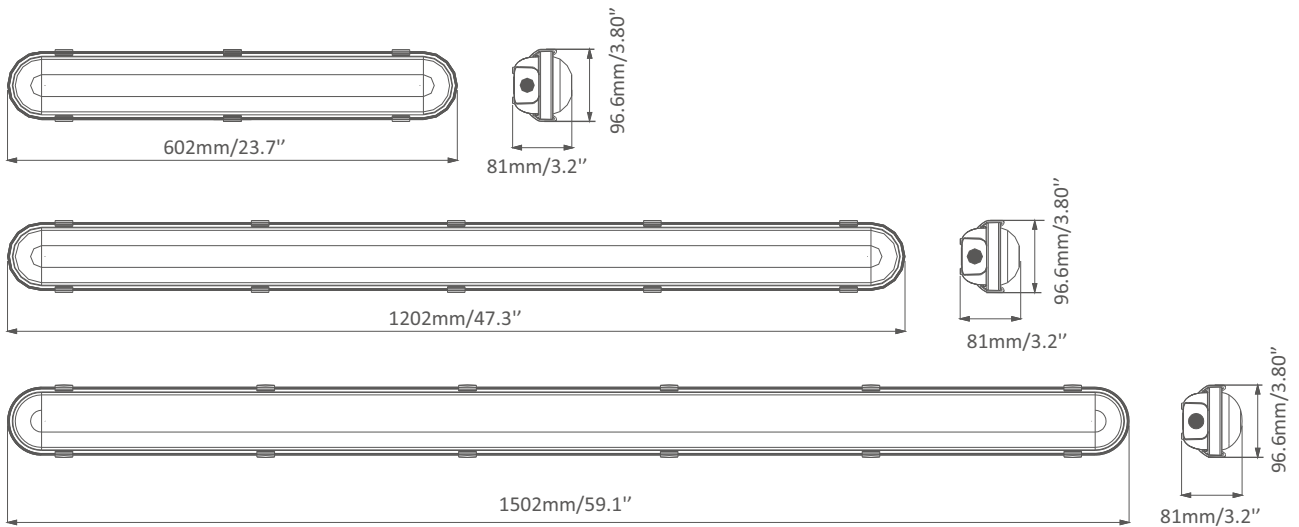


Application

- Tri-proof light can be used in warehouse, parking lot, food factory, dust factory, cold storage, etc.

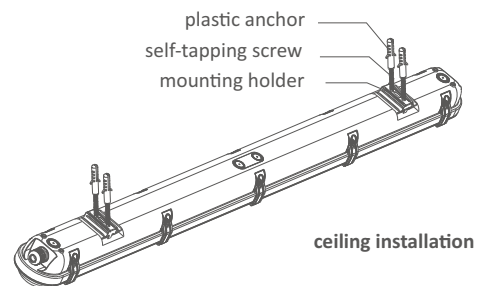
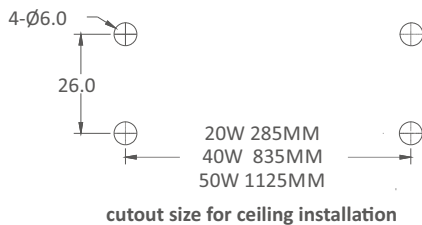
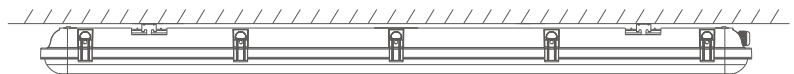


Dimensions(Unit: mm/inch)



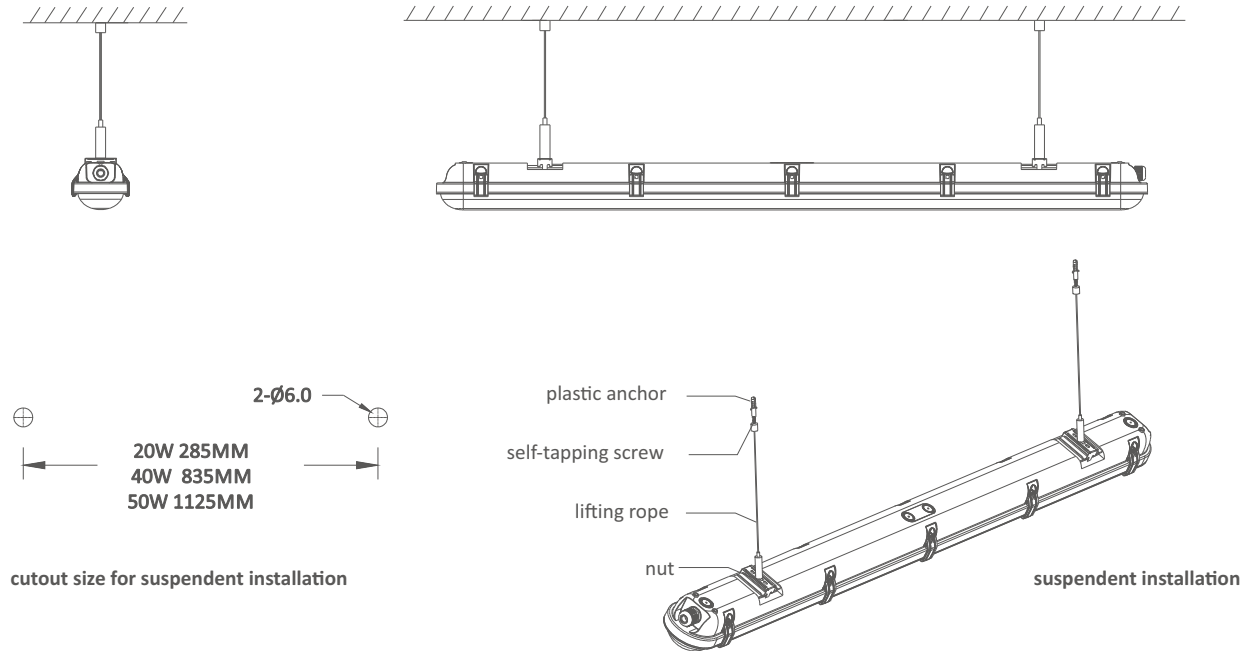
Installation Drawing

Ceiling Installation

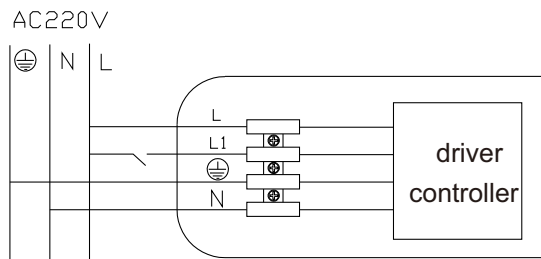


Note: conventional products are not equipped with plastic anchor and self-tapping screw.

Suspension Installation



Connection diagram:



L: input end of emergency power wire L
 L1: input end of lighting power wire
 Remark: according to requirement ,connect different L power terminal to realize lighting or emergency function.

Installation Requirement

- Power off before installation.
- Thread the input cable through waterproof joint, then combine the input thread and wiring terminals, and ensure reliable contact.
- Tighten the knob bracket.
- Ceiling installation: fix the ceiling bracket on the installation surface via self-tapping screws and flat gasket, then snap the lamp body into bracket.
- Suspension installation: please first fix the steel wire on the installation surface, and fix the wire lock on bracket with nut, then snap the lamp body into bracket, finally adjust the length of steel wire.

Packaging Information

Dimension	Inner Packing Size	Outer Packing Size	Net Weight	Gross Weight	Qty
0.6M	20W: 620*110*90mm	20W: 640*460*290mm	0.60Kg	0.90Kg	12pcs/box
1.2M	40W: 1220*110*90mm	40W: 1240*350*200mm	1.00Kg	1.30Kg	6pcs/box
1.5M	50W: 1520*110*90mm	50W: 1540*350*200mm	1.20Kg	1.50kg	6pcs/box

Notice



- Please first read the product specification carefully, make sure the using environment conform to specification before use.
- Please confirm input voltage, frequency before use;
- The lamp must be installed by professionals;
- If there is any damage to the power wire or shell of the product, it should be taken as defective product and do not use it;
- Dangerous high voltage, non-professionals are not allowed to maintain the product;
- If external soft cable or soft wire of the lamp is damaged, it should be replaced by manufacturer or service agent or personnel with similar qualification to avoid danger.
- When connect wire of AC, the terminal shouldn't press to external skin, ensure good contact.
- Make sure there is no water inside when installation.
- Corrosivity in the using environment can't exceed the anti-corrosion grade regulation, if you have special requirement, please first consult with our company.
- Outdoor site application is prohibited.
- Side Installation on wall surface is not allowed.



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