



 **GLF Series**

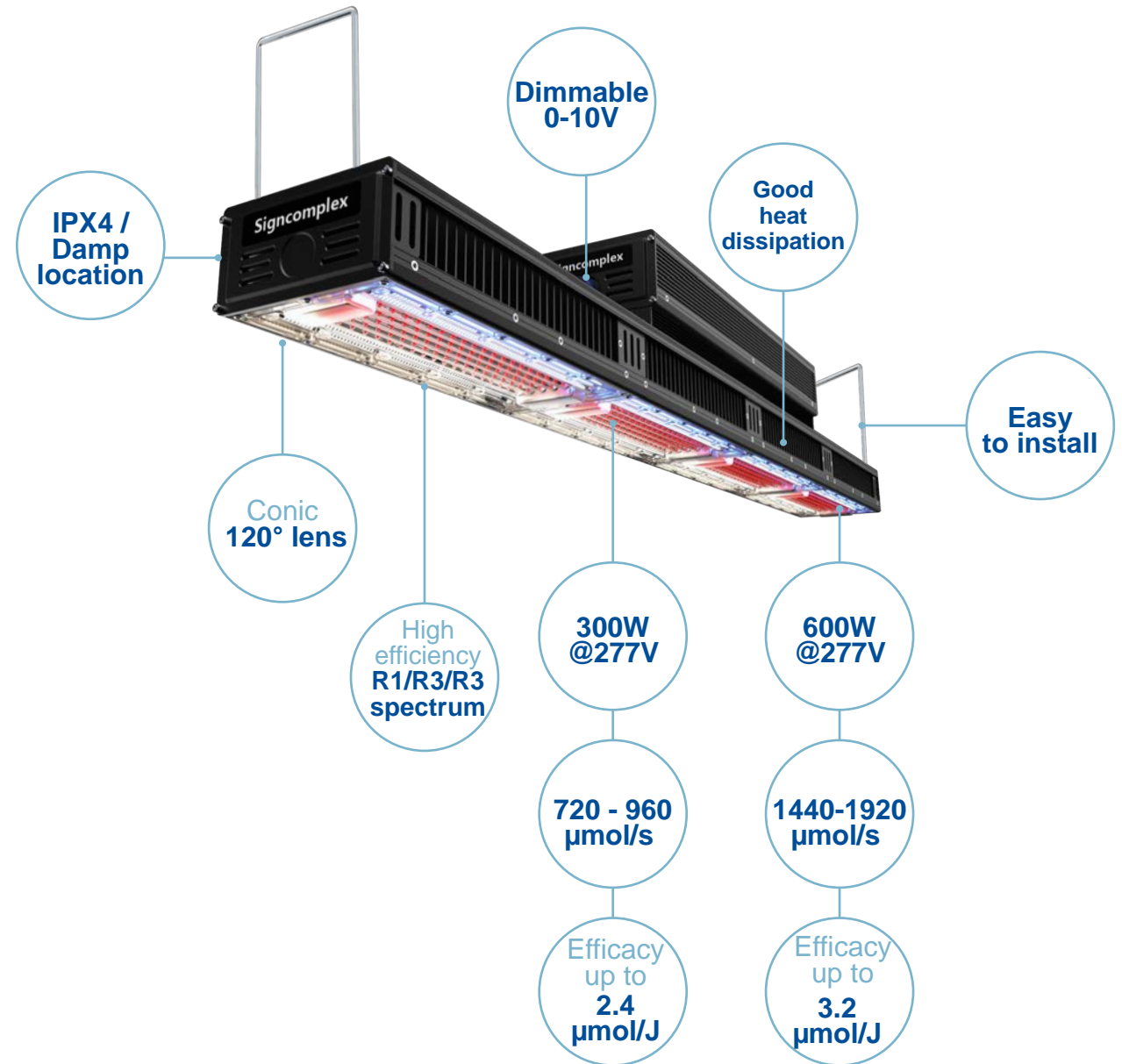


**Top Lighting
LED GROW LIGHT**





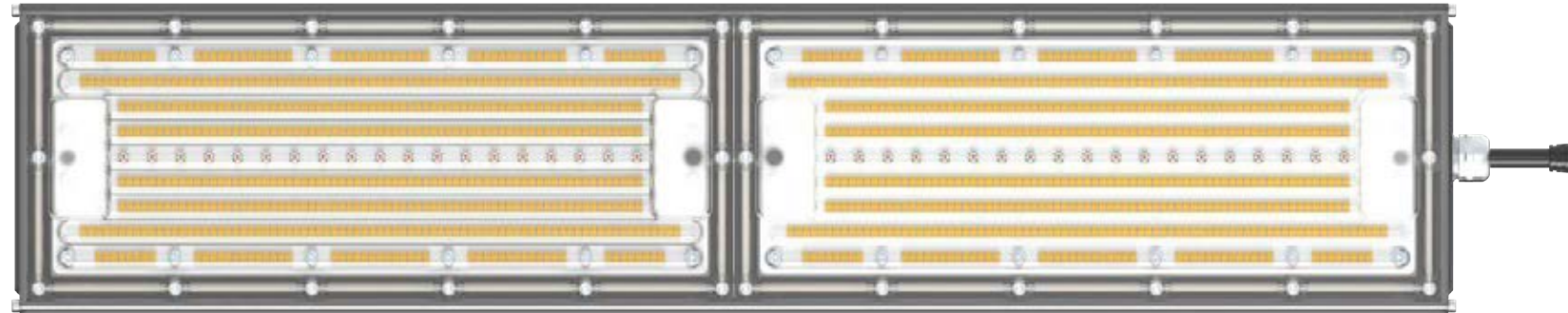
GLF series high efficiency LED top light is designed for greenhouse and indoor applications. The slim design minimizes sun interference while providing greater access to the plant canopy. The ultra-effective commercial design utilizes a closed loop heat pipe cooling system to rapidly wick heat from diodes, providing superior heat dissipation and longevity. The high efficiency R1/R3/R3 spectrum provides ideal conditions for both human and plant health to deliver better working conditions and consistent crop quality. This fixture allows horticulture professionals to increase performance and yields while maximizing ROI.



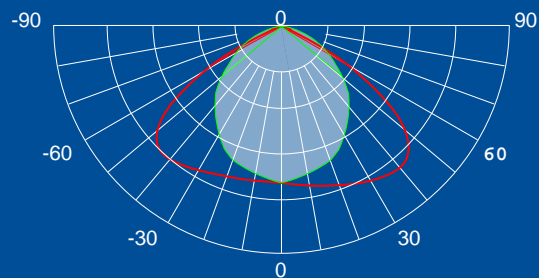
FEATURES

1. SECONDARY OPTICS: Conic 120° lens

GLF series LED top lighting compact comes in a 120° wide beam. It provides optimal efficacy and excellent light distribution and uniformity in most greenhouse configurations.

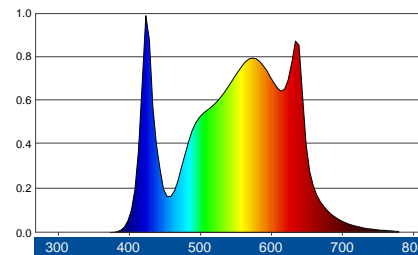


LIGHT DISTRIBUTION CURVE

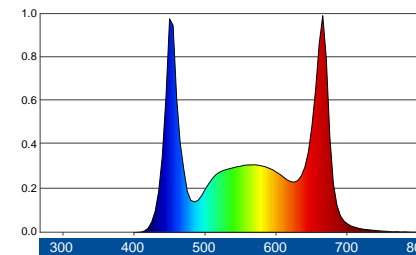


2. Available Spectrums

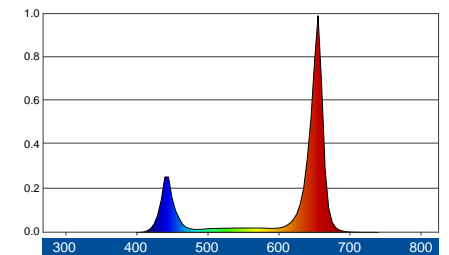
R1 Spectrum | Greenhouse Optimized



R2 Spectrum | Entire Life Cycle



R3 Spectrum | Maximized Efficiency 3.2umol/J

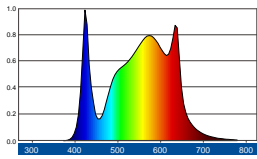
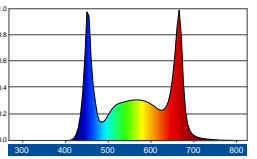
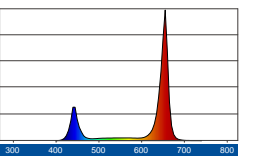
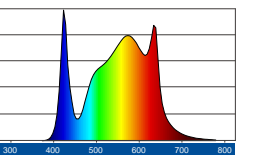
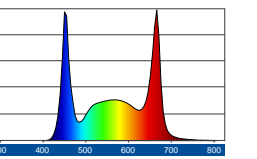
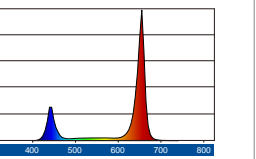


APPLICATION

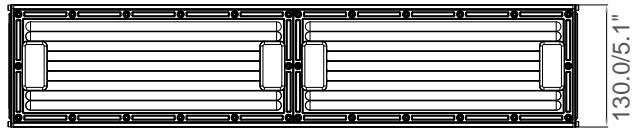
The products are formulated specifically for use as primary indoor lighting applications and supplementary greenhouse lighting.



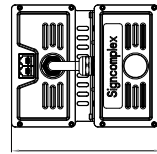
TECHNICAL PARAMETERS

Model	GLF-300-AW-HR1	GLF-300-AW-HR2	GLF-300-AW-TR3	GLF-600-AW-HR1	GLF-600-AW-HR2	GLF-600-AW-TR3
Spectrum	PhysioSpec Greenhouse™ 	PhysioSpec Indoor™ 	PhysioSpec Target™ 	PhysioSpec Greenhouse™ 	PhysioSpec Indoor™ 	PhysioSpec Target™ 
Light Output PPF	720±40µmol/s	720±40µmol/s	960±50µmol/s	1440±100µmol/s	1440±100µmol/s	1920±100µmol/s
Efficacy	2.4 µmol/J @ 277 AC	2.4 µmol/J @ 277 AC	3.2 µmol/J @ 277 AC	2.4µmol/J @ 277 AC	2.4 µmol/J @ 277 AC	3.2 µmol/J @ 277 AC
AC Input Power	300W @ 277V AC	300W @ 277V AC	300W @ 277V AC	600W @ 277V AC	600W @ 277V AC	600W @ 277V AC
AC Input Voltage	120-277V AC, 50/60Hz	120-277V AC, 50/60Hz	120-277V AC, 50/60Hz	120-277V AC, 50/60Hz	120-277V AC, 50/60Hz	120-277V AC, 50/60Hz
Light Distribution	SECONDARY OPTICS: 120°					
Mounting Height	24"- 72" (61-183cm) Above Canopy					
Thermal Management	Passive					
Max. Ambient Temperature	95°F / 35°C					
Dimming	10 V-Source					
Total Harmonic Distortion (THD)	< 10%					
Product Dimension(mm)	L607.5 *W130 *H160mm	L607.5 *W130 *H160mm	L607.5 *W130 *H160mm	L1203 *W130 *H160mm	L1203 *W130 *H160mm	L1203 *W130 *H160mm
Item Weight	6Kg	6Kg	6Kg	12Kg	12Kg	12Kg
Lifetime	L90: > 50,000hrs					
Certifications	UL 8800, FCC, Damp Location, DLC					
Warranty	5 Year Standard Warranty					

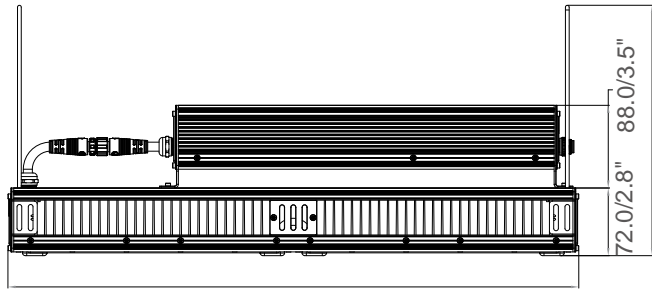
DIMENSIONS (Unit:mm/inch)



130.0/5.1"



160.0/6.3"

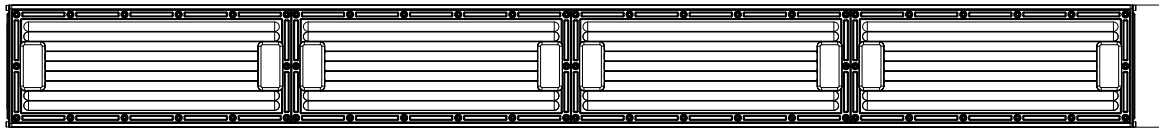


607.5/23.9"

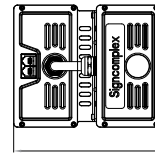
72.0/2.8"

88.0/3.5"

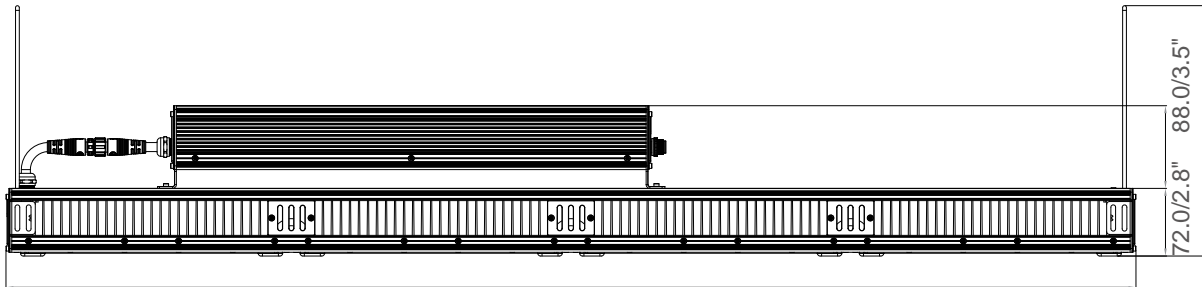
266.5/10.5"



130.0/5.1"



160.0/6.3"



1203.0/47.4"

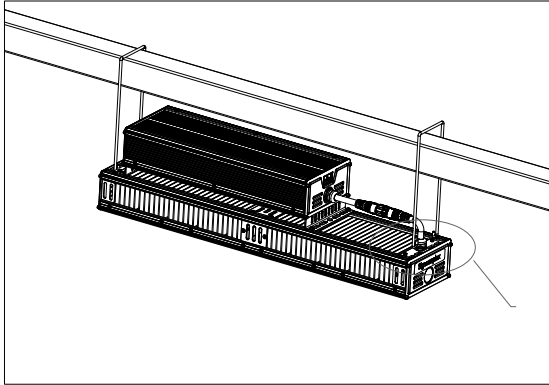
72.0/2.8"

88.0/3.5"

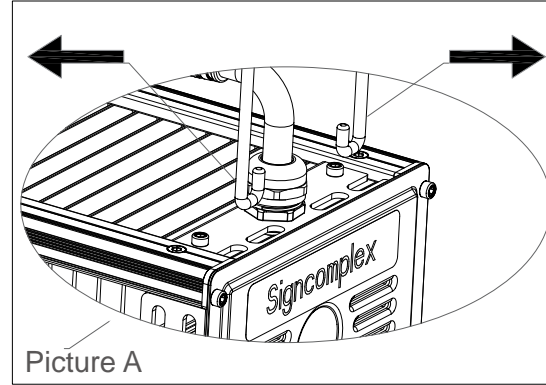
266.5/10.5"



INSTALLATION U-hook installation

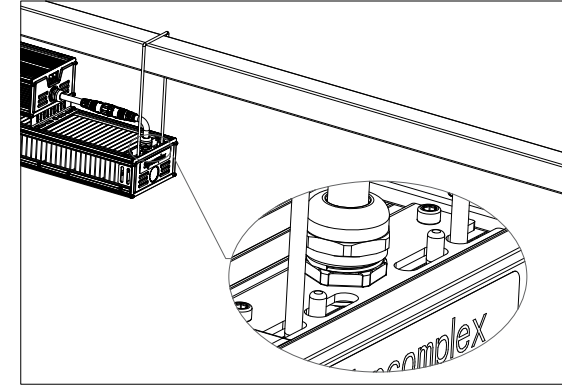


1. Pass the U-hook through the mounting square pipe

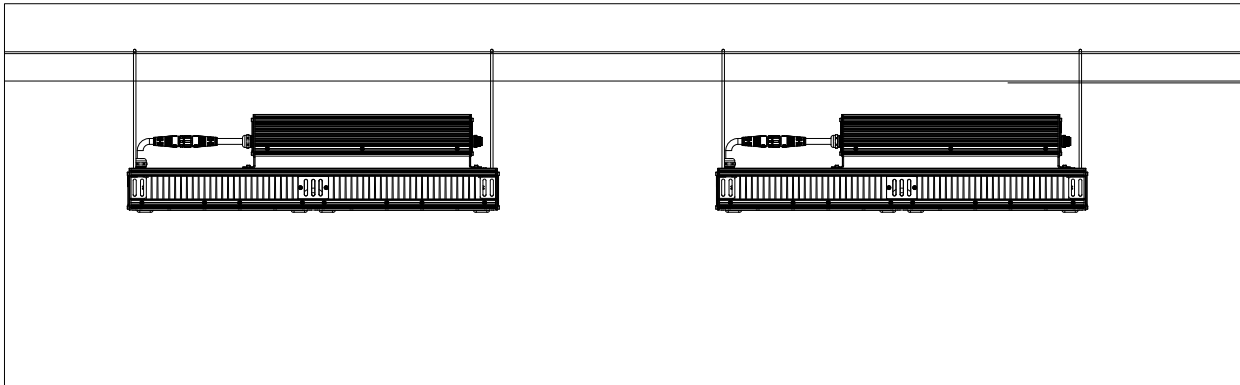


Picture A

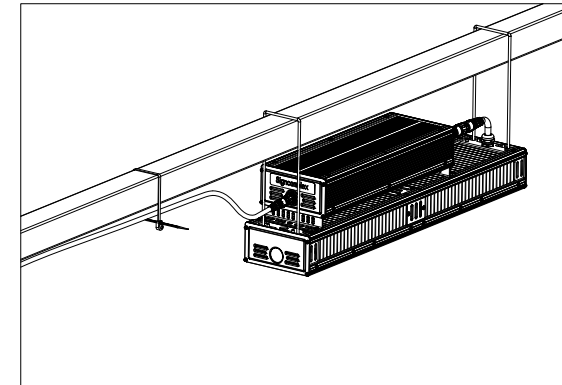
2. Pull the U-hook outward to deform and insert it into the mounting hole of the lamp body



3. Release the tension to restore the U-hook to its original shape, and release the lamp to make the U-hook fully inserted into the mounting hole of the lamp

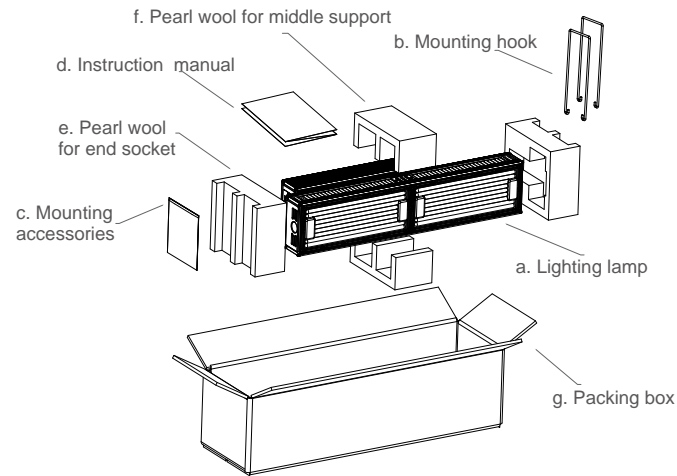


4. Move the lamp to a suitable installation position



5. Insert the power cord into the AC interface of the power box, and use ties to sort out the wiring harness

PACKAGE INFORMATION



Model		300W	600W
Carton size		695*210*195mm	1290*210*195mm
PCS	20ft*8ft*8.5ft	800 PCS	470 PCS
	40ft*8ft*8.5ft	1660 PCS	900 PCS
	40ft*8ft*9.5ft	1870 PCS	990 PCS

WARNING! CONNECTING THE LED FIXTURE TO THE MAINS

- 1: Mounting and installing of the LED fixture may only be executed by certified service personnel, in accordance with the applicable local laws and regulations.
- 2: The installer is responsible for correct and safe installation.
- 3: Avoid coiled cords and keep mains leads separated. This prevents electromagnetic interference.
- 4: Make sure mains power is switched off before connecting the light fixture.
- 5: Caution! Ensure the cord is not coiled and does not touch any hot surfaces.
- 6: Connect the cables according to local rules, safety regulations and electrical code.
- 7: Ensure the external switching gear can cope with the inrush of electric current of the LED fixture. Always use a double pole contactor that is suitable for switching a capacitive load.
- 8: Do not connect or disconnect the LED fixture under load.