

SUR-T8-LG30

plant growth light



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T8-LG30 is an ideal LED grow light tube series for application in horticulture, tissue culture. It's a good replacement of traditional fluorescent growth tube. Different spectrum can be customized for different plants, which helps to speed up photosynthesis and increase yields. Small sizes and less heat dissipation make the tubes be able to use in multi-layer cultivation system. What's more, the long life span help growers save more money on the equipment costs.

Features

- T8 integrated LED grow light is a new series independently developed and produced by Surmountor;
- Small size for easier shipment;
- High light efficacy, energy saving and cost saving;
- Excellent heat dissipation, 3°C temperature difference between light bottom and surface, lower luminous decay, longer lifespan;
- 6063 aviation alloy aluminum, smooth appearance and corrosion-resistant;
- Spectrum, power, logo, package OEM, ODM support.

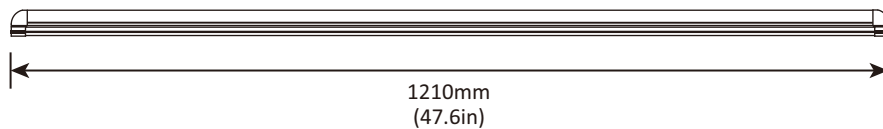
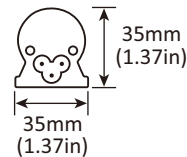
Specification

Model Number	SUR-LG30-A	SUR-LG30-B	SUR-LG30-C	SUR-LG30-D	SUR-LG30-E	SUR-LG30-F
Visual color	Pink Light	warm light	Red and Blue	blue red light	Red, Blue and White	Red, Blue, White and Green
Power	30W	28W	27W	28W	28W	28W
PPF	51μmol/s	52μmol/s	34μmol/s	45μmol/s	52μmol/s	52μmol/s
Color Temperature	1392K	3299K	100000K	100000K	100000K	4703K
CRI /Ra	Ra=31.7	Ra=81.3	/	/	Ra=36	Ra=9.39
Light efficacy	53.84 Lm/W	99 Lm/W	24lm/W	28.5 lm/W	76.5 lm/W	121 lm/W
Lumens	1615 lm	2781 lm	643 lm	798 lm	2141 lm	3399 lm
Product size	1210*35*35mm	1210*35*35mm	1210*35*35mm	1210*35*35mm	1210*35*35mm	1210*35*35mm
N.W	0.3kg	0.3kg	0.3kg	0.3kg	0.3kg	0.3kg
G.W	0.45Kg	0.45Kg	0.45Kg	0.45Kg	0.45Kg	0.45Kg
Carton size	1230*50mm	1230*50mm	1230*50mm	1230*50mm	1230*50mm	1230*50mm
PPFD	30cm	135mol/m²/s	133mol/m²/s	84mol/m²/s	107mol/m²/s	123mol/m²/s
LED Quantity	Pink Light	200				
	Pink 630		136	40		
	630nm		32	32	32	32
	660nm	32				
	470nm		32	128	80	24
	520nm					16
	3500k	168			48	128
	5000k				40	
Light Source	SAN'AN					
Input voltage	100-240V 50-60HZ					
Power factor	>0.97					
Lifespan	> 50000h					
Warranty	2 Years					
Mounting Height	30cm(11.8")					
Certification	CEF CC ROHS					

SUR-T8-LG30



Product Size



Accessories



Power Cord



Connectors



Plastic End Cap



Clip



Screw

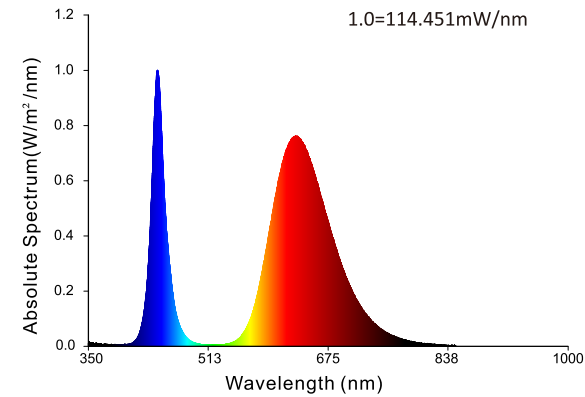


Cable tie



Connecting wire
(Optional accessories)

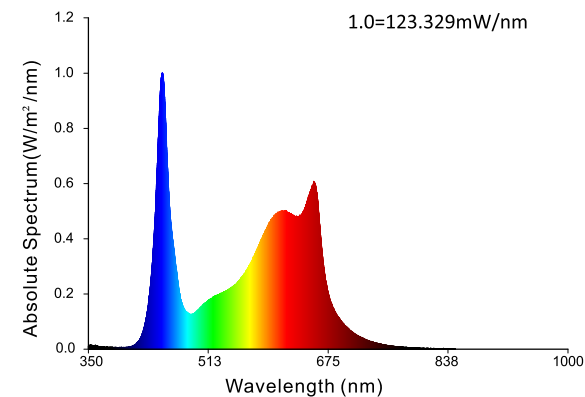
Spectrum - LG30-A



Spectrum A

The visual color is pink-purple color, the ratio of the red and blue spectrum is relatively even. This light spectrum can promote the carbohydrate formation and chlorophyll conversion. Suitable for sprouts veggies, such as pea sprouts, soybean sprouts, mung bean sprouts.

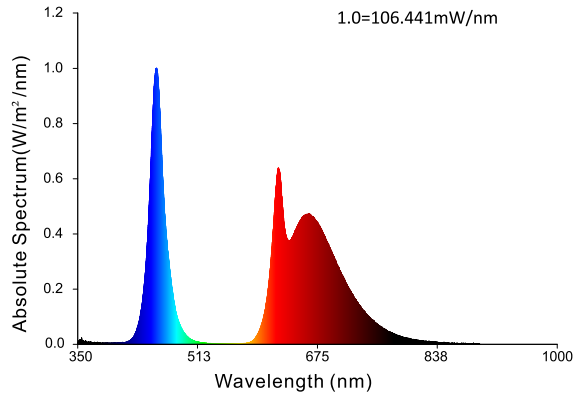
Spectrum - LG30-B



Spectrum B

The visual color is warm white, help plants absorb moderate chlorophyll and carotene. Red, blue and purple lights are very helpful for the photosynthesis. Suitable for plant factories for plant tissue culture, such as leafy vegetables, flowers fruits and succulent plants.

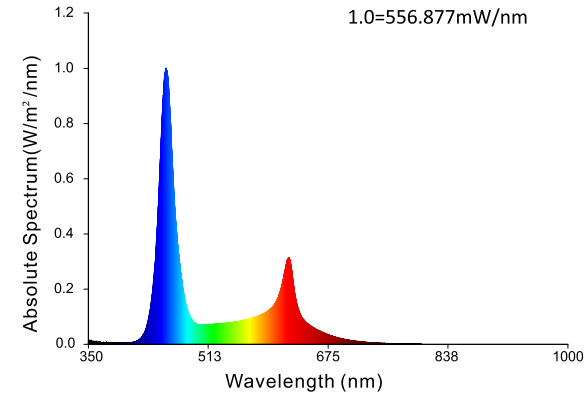
Spectrum - LG30-C



Spectrum C

The visual color is pink and purple, blue light affects the phototropism, morphology, respiration and photosynthesis of plants, red lights, help plants grow better. Suitable for seedling period of strawberry, dragon fruit, and fruits.

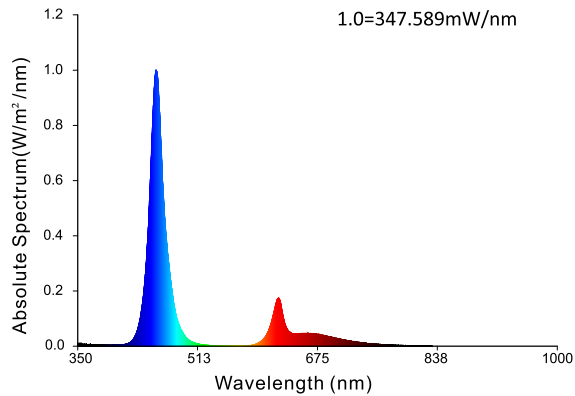
Spectrum - LG30-E



Spectrum E

The visual color is light pink, prolong the flowering period, improve the fruit color, and help the formation of VC and sugar in fruits and vegetables. Suitable for growth period of strawberries, fruits, tomatoes.

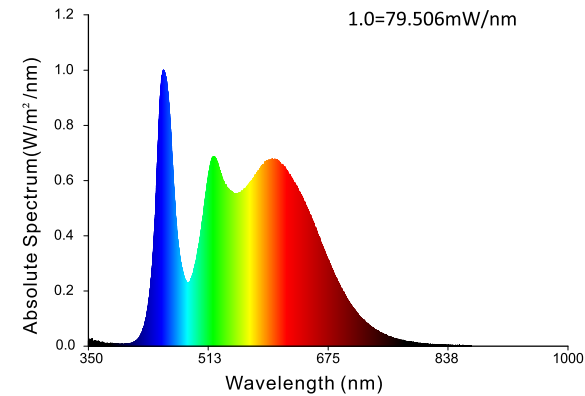
Spectrum - LG30-D



Spectrum D

The visual color is lavender, blue light affects the phototropism, morphology, respiration and photosynthesis of plants, red lights, help plants grow better. Suitable for nursery period of leafy and stem vegetables, such as broccoli, Chinese kale.

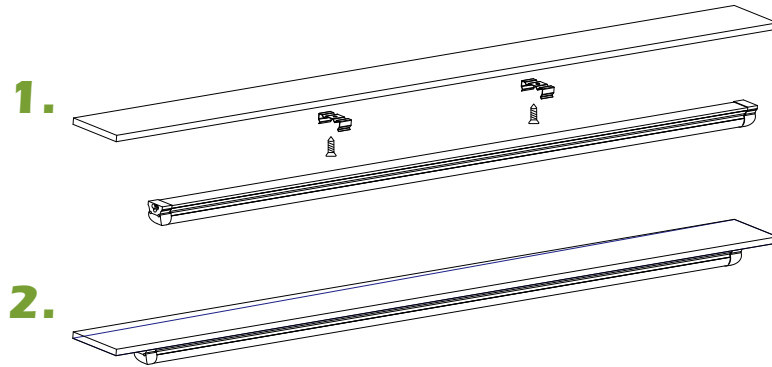
Spectrum - LG30-F



Spectrum F

The visual color is white, saturated spectrum promotes plant photosynthesis and chlorophyll formation. Suitable for rhizome plants, ornamental plants, such as radish.

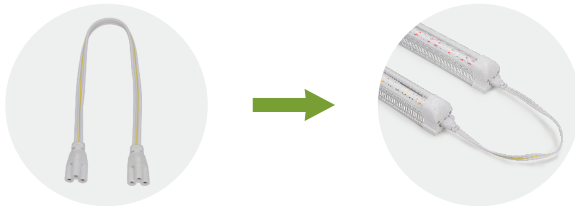
way to install



Step1 : Place Clip Kits and Screws Correctly

Step2: Fix the LED Tube to the Ceiling or Wall

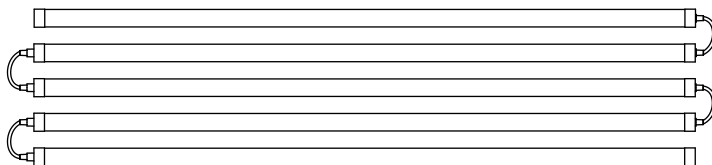
Method 1



Method 2



Connect methods



Up to 10pcs of T8-LG30s can be connected with a double-headed cable

Packing Information

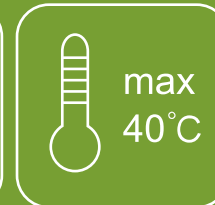
Module	Qty/CTN	CTN Size-CM	NW	GW
SUR-LG30	12	1230*50mm	0.3Kg	0.45Kg
Package Picture				



This sign means that the aluminium board can reach very high temperatures (>65°Celsius/>149°Fahrenheit).
Observe a cool down period before performing maintenance.

1. Don't touch the LED when the light is on, To avoid scalding.
2. The ambient temperature shall not exceed 40°C.
3. Pay attention to prevent short circuit and overload.
4. Do not place heat insulation articles on light.
5. Please pay attention to ventilation and heat dissipation when use it in indoor environment.

IP65
Damp & wet locations
Input Voltage
100-240V 50-60HZ



RoHS **CE**



WARNING

Turn off and disconnect power before installation. Must be installed by a qualified electrician in accordance with all national and local electrical and construction codes and regulations.



WARNING

DO NOT connect to live power until installation is complete
DO NOT attempt to install or use until you read and understand the installation instruction and safety labels
DO NOT modify or alter the product; doing so will void the warranty