

*LED High Power Top Lighting Module is energy saving and environmentally friendly product for the horticultural industry. The high power Top light is modular and can fit 200, 400 and 600W power modules, which makes the fixture perfect for conventional greenhouses. The mutual efforts of our engineering and R&D teams ensure high quality product with sturdy body, IP65 protection factor, uniformity of the light and appropriate light recipe. With a life span of 50 000h this product will ensure positive growing results in any facility.*



## Features and Benefits

- Available in different PPF output packages to meet all of your applications requirements
- Ambient operating temperatures: -20°C to 55°C
- Beam angle 120°
- Accessory lenses with 60\*100 degrees distribution for better uniformity
- Special liquid potting technology
- Different power consumptions to replace 400, 600 and 1000W HPS

## Applications

- Greenhouses

### CERTIFICATES AND STANDARDS

*THE PRODUCT IS CERTIFIED OR IN COMPLIANCE TO VARIOUS REGULATORY REQUIREMENTS*

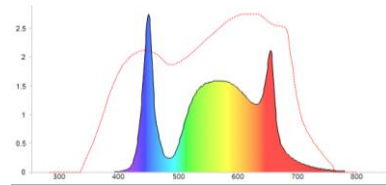


## Product Selection Guide

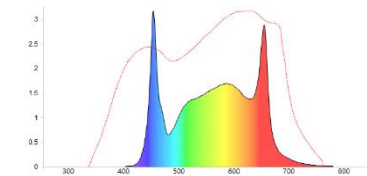
Product Group	Power (W)	PPF( $\mu\text{mol/s}$ )	Spectrum
Top light	400	~1000	Twin Peaks
Top light	600	~1500	Twin Peaks
Top light	400	~1080	Twin Peaks Boost
Top light	600	~1620	Twin Peaks Boost
Top light	400	~1200	Red Blast
Top light	600	~1800	Red Blast

## Light Distribution Curve

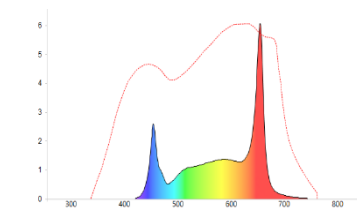
### Twin Peaks



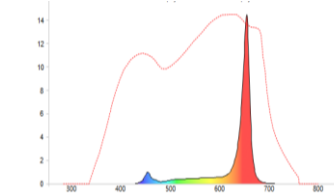
### Twin Peaks Boost



### Red Blast



### Hyper Red



## Technical Data

### General Characteristics

Average Rated Life (hrs)	>50000
Energy Saving Product	Yes
Switching Cycle	>50000X
IP Factor	IP 65
Length (mm)	825
Width (mm)	320
Height (mm)	121
Product Weight (kg)	12

### Electrical Characteristics

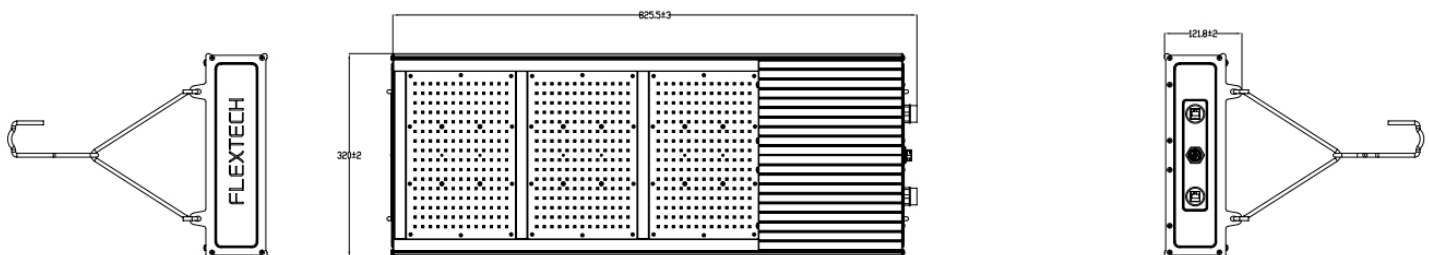
Nominal Rated Wattage (W)	200/400/600
Voltage (V)	120~277
Frequency (Hz)	50/60
Power Factor	> 0.9
Dimmable	Yes/No
Starting Time	< 1s

### Optical Characteristics:

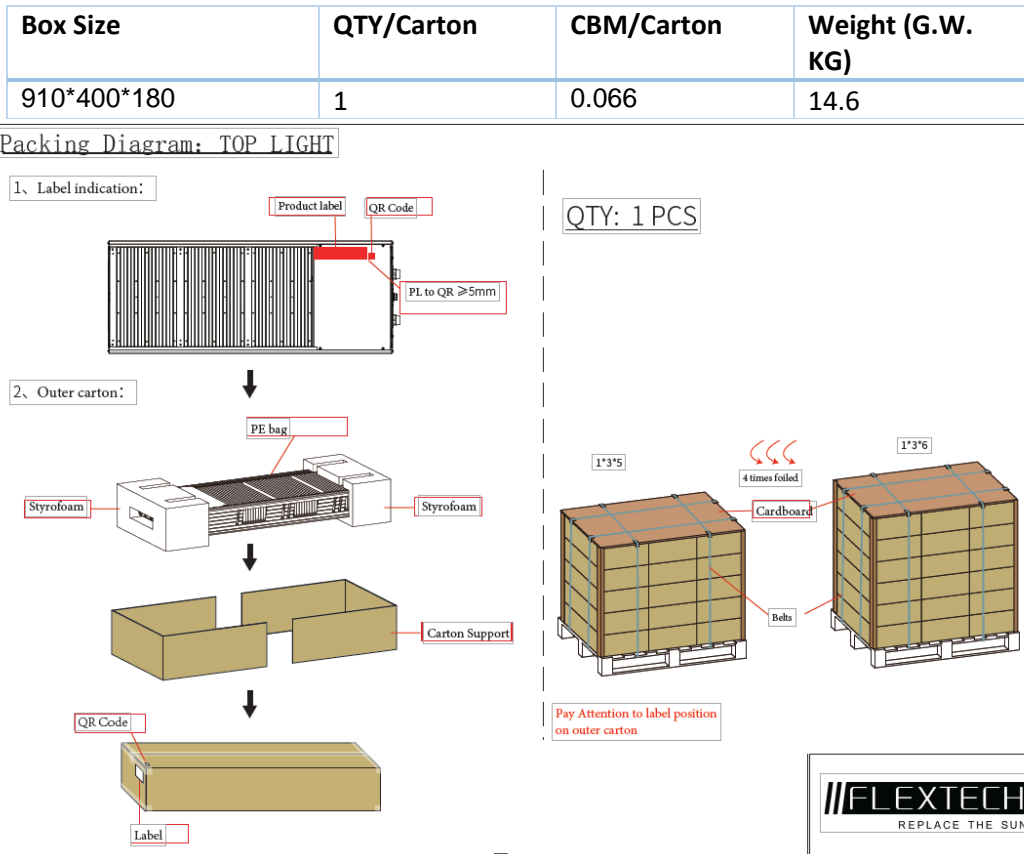
Beam Angle (deg)	120°/60x100°
Rated Average PPF ( $\mu\text{mol/s}$ )	See Table 1
LLMF – End Nominal Lifetime	70%

### Temperature Characteristics:

Maximum Case Temperature (°C)	65
Operating Temperature (°C)	0 to 65
Storage Temperature (°C)	-30 to 80



## Packaging and Shipping



### DISCLAIMERS

*All precautions and instructions must be carefully followed as per the guidelines provided on the package. The limited warranty does not apply to any damage or failure due to any natural act, or from misuse, abuse, abnormal use, improper power supply, power surges or fluctuations, or any use or installation in violation of the instructions or restrictions prescribed by Flextech Solutions or any applicable standard or code, including those contained in latest Nation Electrical Code, UL, or ANSI.*

### Accessories Included



2PCS Snaps

### Accessories for purchasing



1PCS Power cable

If you have any enquiries and questions, please contact us.  
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