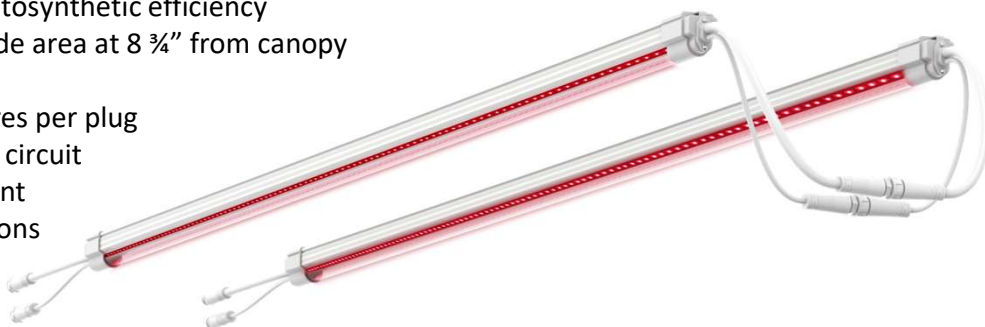


### Features & Benefits

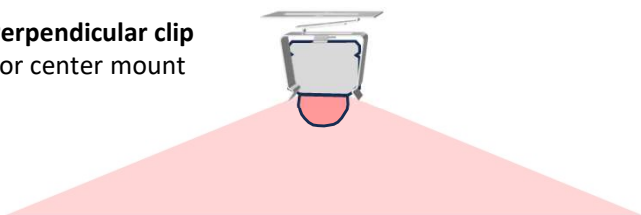
- 700-770 far-red spectrum – increases photosynthetic efficiency
- Wide 140-degree distribution covers 4' wide area at 8 ¾" from canopy
- On/Off/Dim via optional control brands
- Power Eco-link - daisy chain up to 40 fixtures per plug
- Control link – Control up to 50 fixtures per circuit
- IP65 Rated – Suitable for damp environment
- Water-resistant twist-lock power connections
- 58  $\mu\text{mol}$  at 20W (2.9  $\mu\text{mol}/\text{W}$ )
- Long life – 50,000 hours (L70)
- Optional bracket angularity
- Optional 120V and 240V plugs and extension cords
- 2 bars per unit package



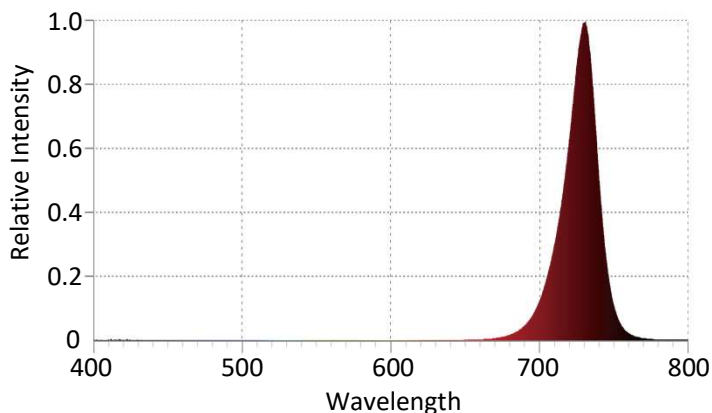
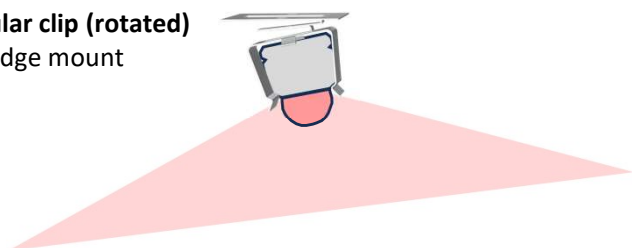
### Output (per bar)

- PPF ( $\mu\text{mol}$ ) 58
- Efficacy ( $\mu\text{mol}/\text{J}$ ) 2.9
- Spectrum Far red, 730nm peak

**Perpendicular clip**  
For center mount



**Angular clip (rotated)**  
For edge mount



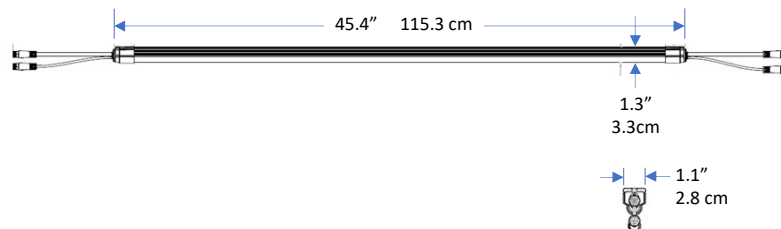
### Electrical

Input power (W)	20 $\pm$ 5%
Input voltage (V)	120-240
Frequency (Hz)	50/60

AC Voltage (V)	120	220	230	240
AC Current (A)	0.17	0.09	0.09	0.09
Power Factor	0.97	0.97	0.94	0.93
Max fixtures / 20A circuit	94	167	172	178
Max fixtures / plug	20	40	40	40

### Mechanical & Safety

Weight per bar	1.1 lbs 454g
Dimensions (inches) LxWxH	45.4 x 1.1 x 1.3
Dimension (cm) LxWxH	115.3 x 2.8 x 3.3
Input lead length	9.8" (24.9cm)
Daisy chain lead length	9.8" (24.9cm)
Input/output power	M12 (3 pin)
Input/output control	M12 (2 pin)
Operating temperature ( $^{\circ}\text{C}$ )	-20 to 40
5 Year Warranty	



### Ordering Codes: Power Cords

PC-18G-6-120	Power cord 6' (1.8m) with NEMA 5-15P 120V plug (included with N. America fixtures)
PC-18G-6-220	Power cord 6' (1.8m) with Type I plug (included with S. America fixtures)
PC-18G-6-230	Power cord 6' (1.8m) with Type E plug (included with European fixtures)
PC-18G-6-240	Power cord 6' (1.8m) with NEMA 6-15P 240V plug
PCF-18G-4	Power cord extension 4' with M12 3-pin plugs

### Ordering Codes: Control

CC-22-4-1	Control cord extension 6' with 2-pin M12 plugs
M16-M12	Control conversion cord – converts M16 output from PPF Tech controllers to M12
RJ-M12	Control conversion cord – converts RJ output from 0-10V dimming controllers to M12
CD-3	Control Device – hard wire (M16) connection

**To continue daisy-chain to a new row:**

CC-22-4-1 Control cord extension

PCF-18G-4 Power cord extension



**M16-M12 control cable.** Connects first fixture to PPF Tech control systems



**RJ-M12 control cable.** Connects first fixture to Trolmaster or other 0-10V control systems having RJ output

#### Power

Connect cord/plug to first fixture. Daisy chain up to 40 fixtures



#### Control Option A

PPF Tech CD-3 or CDX-1 control with M16 output connection



#### Control Option B

0-10V Control with RJ-12 output connection

