

LED Plant Growth Light

Plant Growth Light

Product Description

VAOPTO's LED Plant Growth Light Series, which replaces traditional Plant Growth Lights, is an energy-efficient, lead-free, and long-lasting cold lighting source. In comparison to traditional Plant Growth Lights, VAOPTO's LED Plant Growth Light Series reduces energy consumption by 50%-75%.

Product Information

- DOB Design
- Power Input: 120 (±15%) VAC, 60Hz
- Viewing Angle: 120°
- PF>0.99, THD<10
- IP65
- Operation Temperature: 0~120°F
- Storage Temperature: 0~150°F
- 5-year limited warranty



Ordering Information

Part Number	Power (W)	R/B	R/B Ratio	Luminosity (Lux)	PPFD (400~700 nm) (μmol/m ²)	Size (LxWxH, in)
VO-PG-100F	100	3:1	Fixed	220 at 2m 350 at 1.5m 810 at 1m 3,280 at 0.5m	13 at 2m 20 at 1.5m 50 at 1m 190 at 0.5m	10*10*2
VO-PG-100A	100	6:1	Adjustable	220 at 2m 350 at 1.5m 810 at 1m 3,280 at 0.5m	13 at 2m 20 at 1.5m 50 at 1m 190 at 0.5m	10*10*2
VO-PG-300F	300	3:1	Fixed	680 at 2m 1,080 at 1.5m 2,520 at 1m 10,160 at 0.5m	40 at 2m 65 at 1.5m 145 at 1m 580 at 0.5m	25*10*2
VO-PG-300A	300	6:1	Adjustable	680 at 2m 1,080 at 1.5m 2,520 at 1m 10,160 at 0.5m	40 at 2m 65 at 1.5m 145 at 1m 580 at 0.5m	25*10*2
VO-PG-500F	500	3:1	Fixed	1,150 at 2m 1,810 at 1.5m 4,230 at 1m 17,040 at 0.5m	66 at 2m 105 at 1.5m 245 at 1m 970 at 0.5m	38*10*2
VO-PG-500A	500	6:1	Adjustable	1,150 at 2m 1,810 at 1.5m 4,230 at 1m 17,040 at 0.5m	66 at 2m 105 at 1.5m 245 at 1m 970 at 0.5m	38*10*2



Certifications

- UL rated, FCC rated, RoHS Compliant

Installation

For installation information please refer to the installation guide found on our website, www.vaopto.com.



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