

Description:

LM301H GEN2 Horticulture LED linear Full Spectrum Additional hyper red more suitable for plant growth, Applications: Horticultural lighting vertical farm indoor farm, Supplementary lighting greenhouse, Increased Deep red LED full spectrum, designed for balanced growth equipment, stimulates enhanced plant growth compared to Red-blue ratio narrow spectrums.



1. Horticulture LED Light Engine LED linear High efficiency plant light PPF efficiency up to 3.1μmol/J
2. Samsung LM301H EVO and Osram horticultural LED, additional 660nm deep red LED, 435nm-440nm blue light peak, more suitable for plant growth.
3. Zhaga-compliant products LED Modules, 561x41mm
4. Optional radiator G45 Aluminum profile radiator
5. LED Module Input voltage: 40~45V, Max: 1.6A 72W (Need install heat sink)
6. Service life 50,000 hours
7. CE RoHS FCC

Model	Dimension LxWxH	Spectral Wavelength	Photon PPF μmol/m ² /s	PPF Luminous flux	Power Test Input	Comment
LM301H-GEN2	561x41x6mm 22"x3.8"x 0.24"	F167S	300μmol @0.2m 18400Lx	64μmol/s 3960Lm	0.5A @41V	20.5W 3.1μmol/J Tcp 43 °C
			600μmol @0.2m 35900Lx	124μmol/s 7600Lm	1A @42V	42W 3μmol/J Tcp60 °C
			900μmol @0.2m 54700Lx	188μmol/s 11450Lm	1.6A @44V	70.4W 2.7μmol/J Need install heat sink

Module maximum working temperature: Tcp <75 °C, above test room temperature 20 °C, service life: 50,000 hours (Note: Tcp <55 °C)
Tolerance range for optical and electrical data: ±10 %.

PPFD data Tested in dark room (without any reflective sides), The above data is for reference only!

● Dimension:

