



StormX-600W Led Grow Light Light

Description and Application

The StormX-600W full spectrum grow light is designed for greenhouse and indoor horticulture applications. Small Footprint & Extremely Bright.

- Highest PPE led technology available 3.10 $\mu\text{mol}/\text{J}$ - 3.9 $\mu\text{mol}/\text{J}$ using the Samsung LM301H leds & LM315H
- Daisy chainable
- 3-in-1 dimmable: 0~10Vdc, PWM, Timer dimming.
- Dim-to-off;



Specifications

Electrical Specifications

Nominal Input Voltage:	90VAC - 305VAC
Power Input	630Watts
Power Factor	>0.96
Current @ 230VAC	2.7Amps
Inrush current	36Amps
Led Power	592Watts
Power Supply Efficiency	94%
Surge capability (L/N-Ground)	10Ka
Surge capability (L-N)	6Ka
Approval marks – approval	CCC / CE / RCM / ENEC 05
Standards	Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 61547
Driver Life Span	50000h @ TC Point of 80°C 100000h @ TC Point of 70°C

Operating temperature (Ta):	-40°C to +55°C
IP Rating	IP65

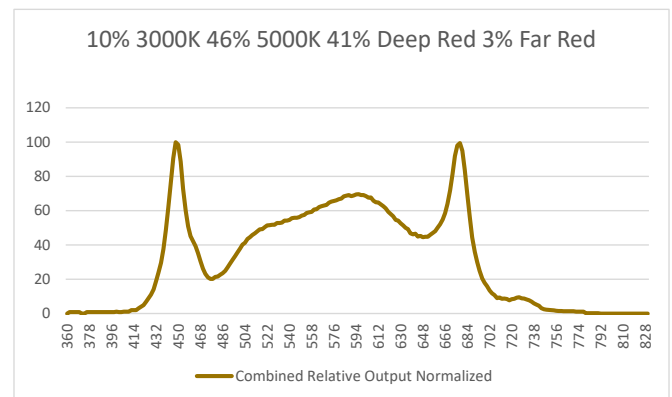
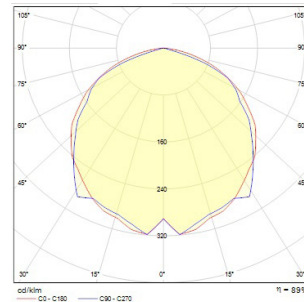
LED Specification

LED Type	812 x Samsung LM301H 132 x Samsung LH315H (660nm) 12 x Samsung LH315H(730 nm)
Photosynthetic Photon Flux ($\mu\text{mol PAR/s}$):	950 $\mu\text{mol/s}$ LM301H 700 $\mu\text{mol/s}$ L1SP-DR 50 $\mu\text{mol/s}$ L1SP-FR
PAR Photon Efficacy ($\mu\text{mol PAR/J}$):	3.10 $\mu\text{mol}/\text{J}$ @ 65 mA LM301H 3.9 $\mu\text{mol}/\text{J}$ @ 700 mA L1SP-DR 3.0 $\mu\text{mol}/\text{J}$ @ 350 mA L1SP-FR
LED Colour	3000K LM301H, 5000K LM301H 730nm LH351H, 660nm LH315H
L70 Life Span	50000h

Construction

Materials	Aluminium 6063 T6, Glass cover
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Photometric Data



Light Output Specifications

PAR Photon Efficacy ($\mu\text{mol PAR/J}$):	2.9 $\mu\text{mol}/\text{J}$
Photosynthetic Photon Flux ($\mu\text{mol PAR/s}$):	1700 $\mu\text{mol/s}$
Warranty:	5 years

