

LUMATEK

PROFESSIONAL LIGHTING

GREENHOUSE RANGE

300W GH TOP LIGHT LED (RED + BLUE)



3.2
 $\mu\text{mol}/\text{J}$

EFFICACY

985
 $\mu\text{mol}/\text{s}$

PPF

This Top Light LED (Red + Blue) with its 3.2 $\mu\text{mol}/\text{J}$ photon efficacy and 985 $\mu\text{mol}/\text{s}$ total PPF output has a linear configuration ideal for hybrid projects mixed with other LED or HID fixtures. This unit main features are linked to greenhouse light uniformity improvements, increase light levels or for grow environments with ceiling limitations in height. Most common use are related with the use of Greenhouses C-profile's and for operations that requires fixture positioning adaptability.



GROW OPTIMAL

BY REQUESTING
A LIGHT PLAN & REPORT

300W GH TOP LIGHT LED (RED + BLUE)

PRODUCT CODE LUMLED022

PRODUCT CODE: LUMLED018

EFFICACY: 3.2 $\mu\text{mol}/\text{J}$

PPF: 985 $\mu\text{mol}/\text{s}$

INPUT VOLTAGE: 200–400 V AC, 50–60 Hz

INPUT POWER: 310 W ($\pm 5\%$), 400 V AC

INPUT CURRENT: 0.78 A, 400 V AC (100%)

APPLICATION: Greenhouse

WATERPROOF & DUSTPROOF: IP65

LIFETIME: L90 > 50000 hrs

LIGHT DISTRIBUTION: 120°

LIGHT SOURCE: Osram & Domestic Diodes

CCT: 1000 K

QUANTITY OF DIODES: Blue 36; Red 288

DIODES POWER PROPORTION: Blue 15%; Red 85%

DIODES EFFICIENCY: OSRAM GD 1.14 (2.6 $\mu\text{mol}/\text{J}$), Domestic 3535 (3.6 $\mu\text{mol}/\text{J}$)

DIMMABLE: No

EXTERNAL CONTROL: No

WEIGHT: 4.2 Kg

DIMENSIONS: 1281 x 59 x 89 mm

SPECTRUM: Blue 10.5%, Green 0.1%, Red 89.1%, Far-Red 0.3%

THERMAL MANAGEMENT: Passive Cooling

POWER FACTOR: > 0.98 (400 V AC)

MÁX. AMBIENT TEMPERATURE (@100% POWER): 40°C

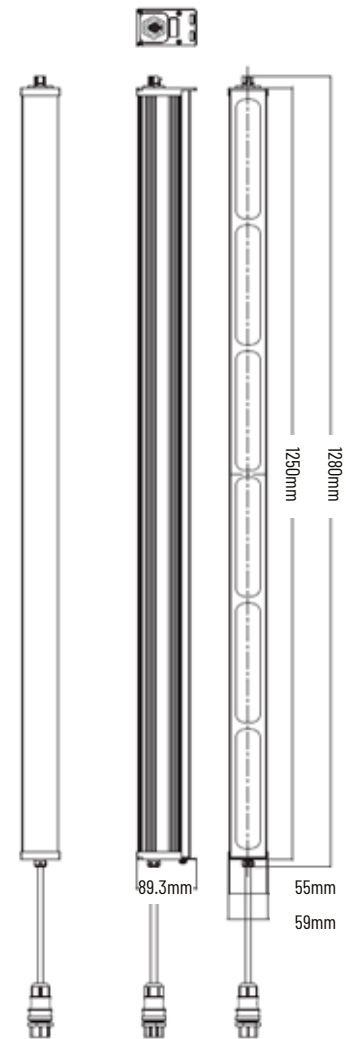
BTU: 1024 BTUs/h

WARRANTY: 3 Years

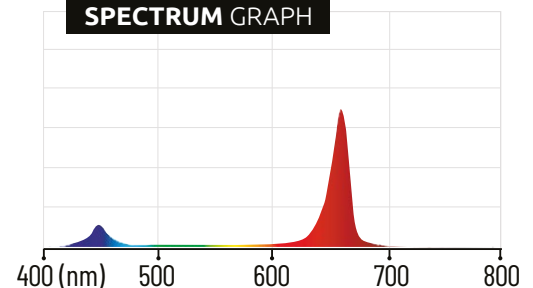
CERTIFICATIONS: CE, EMC, LVD

ITEMS INCLUDED IN THE BOX:

- 1 x 300W GH TOP LIGHT LED (RED+BLUE)
- 2 x C-Profiled Metal Hooks
- 1 x Three-core harness power cable (0.8 m)
- 1 x Daisy-chain cables (0.8 m)
- 1 x Manual



SPECTRUM GRAPH



DISTRIBUTION CURVE FLUX

