



G115090T-252W120

120W modular white colour LED linear grow-light



General Characteristic

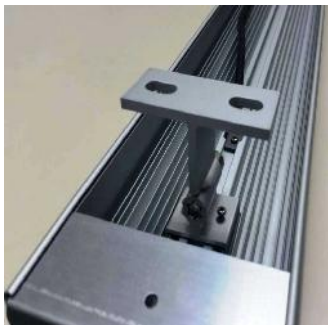
Body structure	Aluminium alloy profile fitted with proprietary PMMA multiple-lens water resistance diffuser
Thermal management	Integrated with housing
Cable gland type	Stainless steel
Rated life span	≥50000 hours (L70 IEC LM80)
Ingress protection	IP65
Size overall	900 x 110 x 50mm
Light casting direction	90 degree
Industrial standard	EMC Directive 2004/108/EC
Operation temperature	-40°C ~+60°C
Certification	CE, FCC, RoHS compliant
Relative moisture	10%~90%
Total harmonic distortion	<15%
Net weight	3.5 kilos

Electrical Characteristic (potentiometer 0~10V)

Quantity of drivers	Two unit per lighting device
Input voltage	90~265VAC, 47~63Hz
Output voltage	42Vdc
Rated power	120.0W
System power	126.3W
Power factor	PF ≥0.95
Power efficiency	>90%
Certification	CE, TUV, RoHS compliant

Mounting Bracket

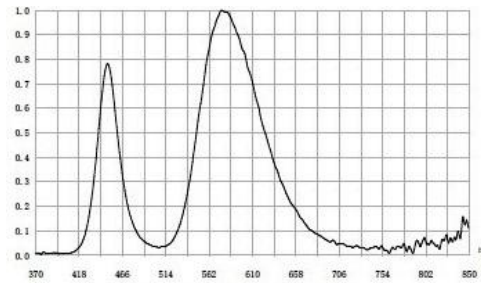
The T mounting bracket is a aluminium die-cast fitting that anodized with color matching with the fixture, which is therefore resistance to oxidation and rust-free. The design of T-mounting bracket is suitable for surface-mounting with bidirectional casting angle of 45 degrees both sides.



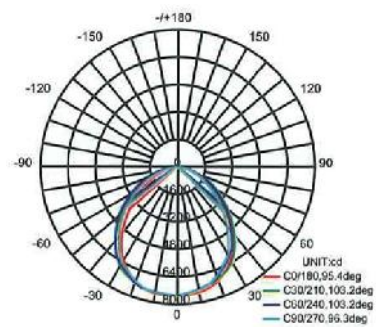
Mounting bracket

Light Characteristic

Light source	SMD2835 high power LED chips fitted with multiple secondary lens insulated optical grade diffuser
Color temperature	6000~6500K
Luminous efficacy	15600 lumen
Peak intensity	38000cd
PAR efficiency	268.4μmol/s
Luminous efficiency	≥95%
Color rendering index	Ra >75
Beam angle (optional)	15°/25°/45°/60°/90°/70°*140°

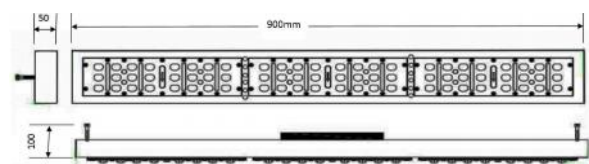


Spectrum wavelength curve



Photometric Graph (90°)

Product Measurement



Size Overall