



LUZON- HL09



TECHNICAL DATASHEET

2020



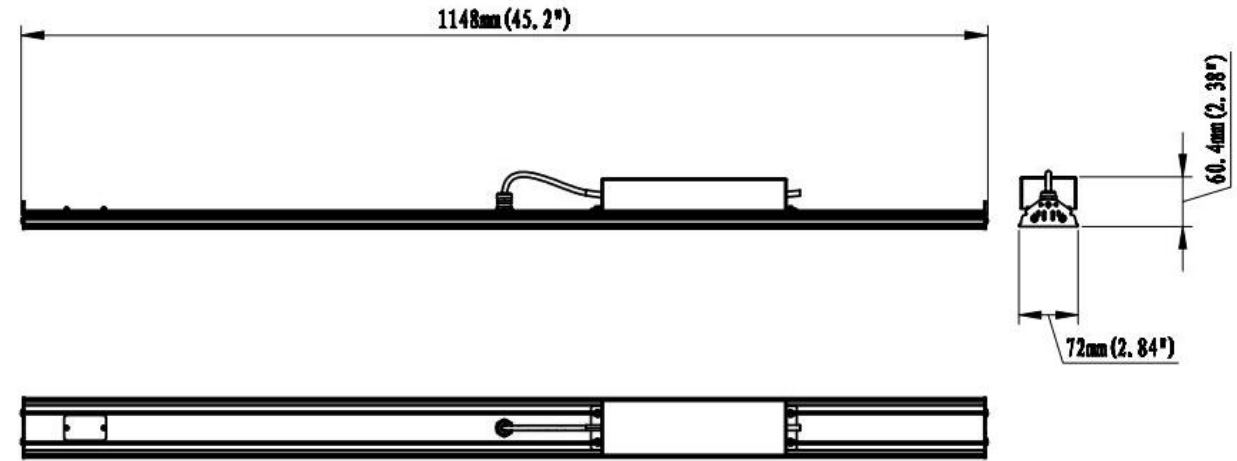
Product features

Housing material	Aluminum
Optics materials	Conformal coating (transmission >97%)
Radiation angle	120°
Protection degree	IP65 (dust and watertight)

Technical data

Power	150W (±5%)
Item No.	HL09
System efficacy	2.0 umol/J (±5%)
PPF Output	300 umol/s
Power Input	100-277Vac,50-60Hz
Current Range	1.5A @ 100V , 0.54A @ 277V
Isolation Class	Class I
Heat BTU Generated	511.5 BTU
Power Factor	> 0.9
Dimming	0-10V
IP rating	IP65

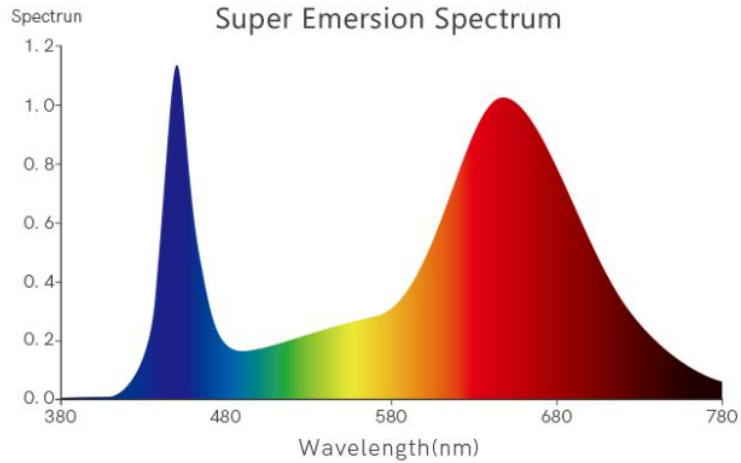
Drawing



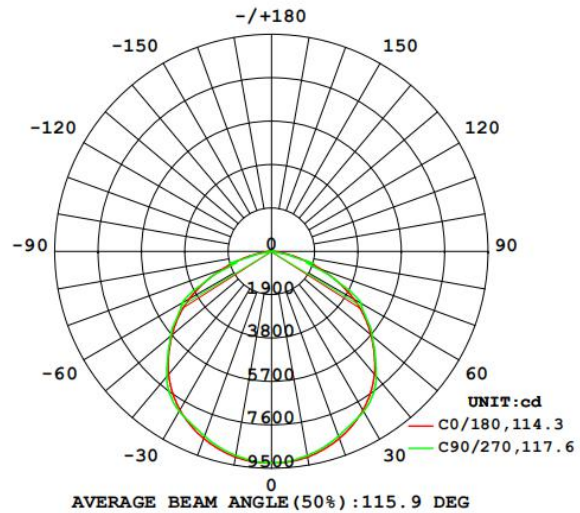
Dimensions	1148 x 72 x 60.4mm 45.2" x 2.84" x 2.38"
Net Weight	2.1±0.3kg/5.07±0.66lbs
Qty/CTN	1 pc
Gross Weight	3kg/6.6lbs
CTN SIZE	1195 x 130 x 120mm 47.5" x 5.1" x 4.7"
Operation conditions	0°C to 40°C / 32°F to 104°F (95% RH)
Storage conditions	-40°C to 70°C / -40°F to 158°F (85% RH)
Warranty	5 years

Spectrum Chart

HL09-P11-00

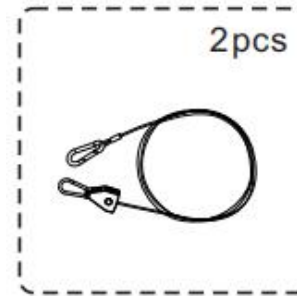


IES Chart

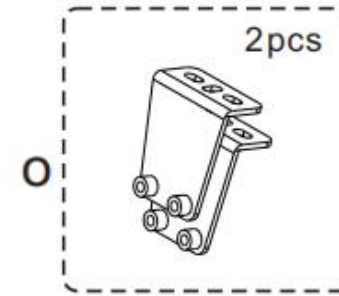


Mounting

Safety line/ Bracket x 2pcs



Standard



Optional

Compliance

CE certification

ETL certification

Low Voltage Directive (LVD)

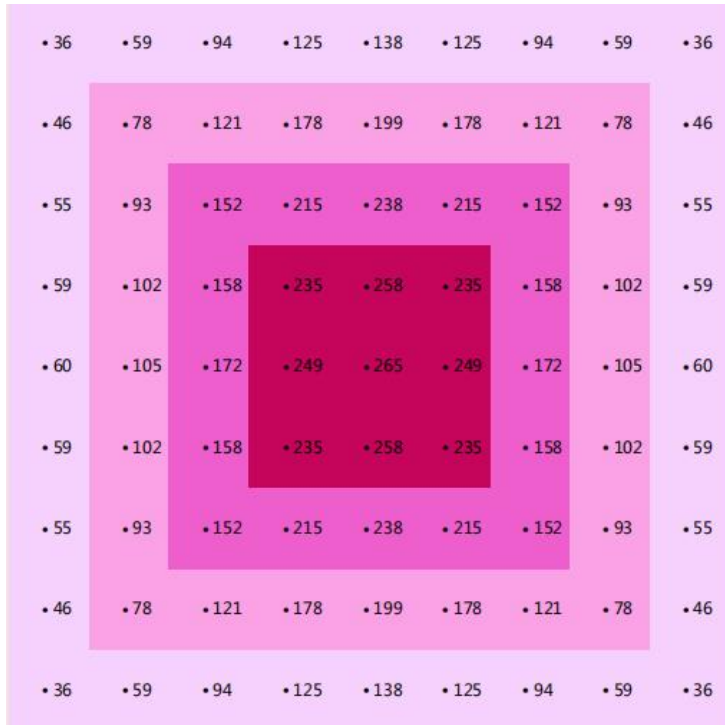
Electromagnetic Compatibility Directive (EMC)

Restriction of Hazardous Substances (RoHS) Directive

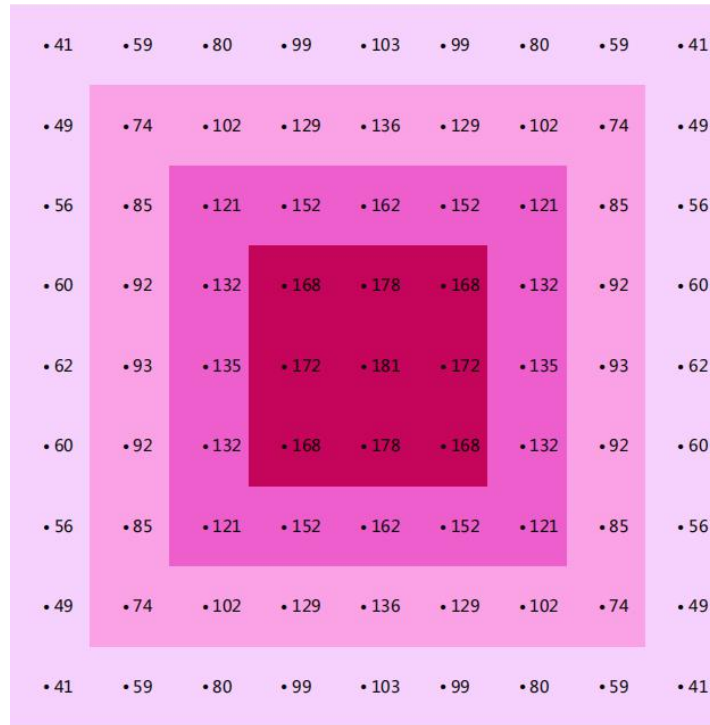
* typical values for stable operation at 25° C / 77° F ambient temperature

PPFD map

150W 45cm/18"



150W 60cm/24"



Cover area:

1.2m x 1.2 m / 4' x 4'

Height fixture above canopy:

45cm & 60cm / 18" & 24"

1 fixture needed for:

1.44 m² / 15.5 sqft

PPFD value:

150W 45cm/18"

150W 60cm/24"

Average: 151 μMol/m²/s

Average: 111 μMol/m²/s

Maximum: 265 μMol/m²/s

Maximum: 181 μMol/m²/s

Minimum: 36 μMol/m²/s

Minimum: 41 μMol/m²/s