



HORIZON ENERGY CREATION CO., LTD.

www.hec.co.th, www.horizonfuelcell.co.th

78 Mookda Building, 3rd Floor, North Sathorn Road, Silom, Bangruk, Bangkok, 10500

Tel.: +662-632-2898, +662-632-2899 Fax.: +662-632-2899 ext.111

NEW!

LED Hibay120w.45° With Meanwell HLG-120H

Full range Up to 305V. With Meanwell HLG-120 TYPE A

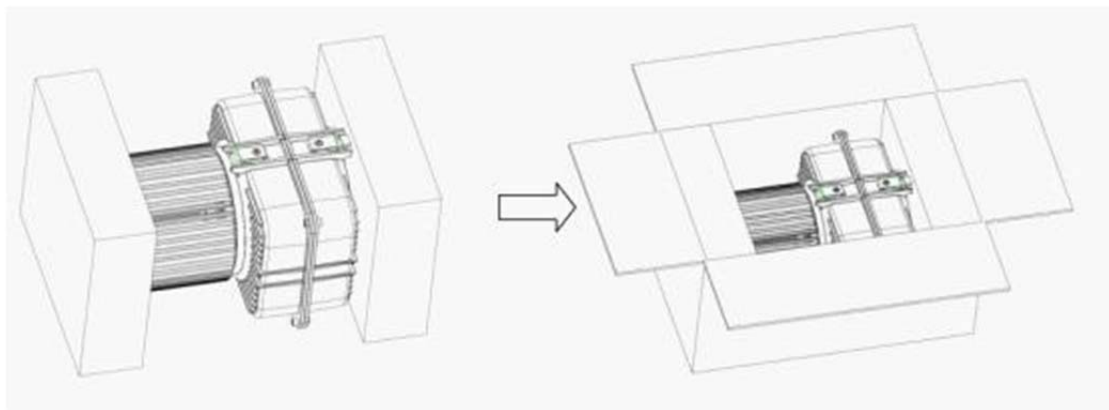


- Input voltage: 90-305V AC
- working frequency: 50-60HZ
- Power Consumption: 122.4W.
- LED Spec: **COB EPISTAR 35mil**
- Total lumens: 8500-9000 lm
- CCT:2700-6500k
- CRI:>75
- Angle Beam: 45°
- Housing material: Alloy Aluminium
- Color: silver
- LED working life: 30000-50000 hrs
- IP Rate:IP65
- High Efficiency Up to 93.5%



Part Number	LED Q'ty	λd(nm)/Tc(K)	Flux(±5%)	Chip Power
LOH-HG0001	1PCS	White :6000-7000K	8500-9000lm	100W.
LOH-HG0002	1PCS	Warm white :2700-3500K	8000-8500lm	100W.

****LED Chip Source is 100w but We use Driver 120w for Cover Flexible Power Consumption****



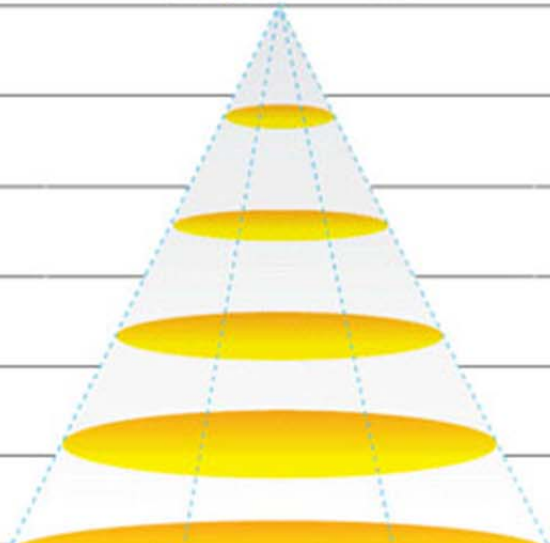
Illumination Distance/illuminance/Irradiated Area

Power Consumption : 120w

LED Source : 100w

Angle= 45 Angle Beam

Height	E Max.	Diameter
4m	631 Lx	Ø 7.5m
6m	280 Lx	Ø 11m
8m	157 Lx	Ø 14.5m
10m	100 Lx	Ø 18m
12m	70 Lx	Ø 21.5m



Lumen Flux 8500-9000lm

This result Base on 9000lm

Activity	Illumination on task surface(lux)
Public areas with dark surroundings	20 - 50
Simple orientation for short visits	50 - 100
Working areas where visual tasks are only occasionally performed (storage rooms)	100 - 150
Easy Office Work, Classes	250
Normal Office Work, PC Work, Study Library, Groceries, Show Rooms, Laboratories	500
Supermarkets, Mechanical Workshops, Office Landscapes	750
Normal Drawing Work, Quality control	1,000
Detailed Drawing Work, Very Detailed Mechanical Works (watchmaking)	1500 - 2000
Performance of visual tasks of low contrast and very small size for prolonged periods of time	2000 - 5000
Performance of very prolonged and exacting visual tasks	5000 - 10000
Performance of very special visual tasks of extremely low contrast and small size	10000 - 20000