

LED

Performance High Bay

LED RAYS RTM Structure



LED RAYS

MASTERING LIGHT

HBM Series

NEW

Features

- Unique Reflector Thermal Management (RTM) Structure for exceptional thermal dissipation
- Nichia™ or Bridgelux™ high power LED
- Digital driver with 5 way I²O protection
- Cast Aluminium housing provides for a light and rigid carrier for the light engine
- Rated IP65 with a custom oxide coating process provides harsh environment capability
- Ultra high reflectance alloy reflector features one piece design with polished surface
- 50,000hrs L70 at 30°C Ambient



Product Specifications

Model	Power	LED Type	CCT	Efficacy	Luminous Flux	Beam Angle	IP Level
LR-HBM-100-v2N	100W	Nichia™	4500-5500K	≥95lm/W	9000-9500lm	120°	IP30/65
LR-HBM-100-v2B	100W	Bridgelux™	5500-6500K	≥85lm/W	8000-8500lm	120°	IP30/65
LR-HBM-150-v2N	150W	Nichia™	4500-5500K	≥95lm/W	12000-15000lm	120°	IP30/65
LR-HBM-150-v2B	150W	Bridgelux™	5500-6500K	≥85lm/W	10000-13000lm	120°	IP30/65
LR-HBM-180-v2N	180W	Nichia™	4500-5500K	≥95lm/W	15000-17500lm	120°	IP30/65
LR-HBM-200-v2N	200W	Nichia™	4500-5500K	≥95lm/W	18500-19000lm	120°	IP30/65

Electrical Specifications

- 1.Power Input: AC90-305V
- 2.Power Factor: ≥98
- 3.THd: ≤14% @ full Load
- 4.Dimming: Yes optional



Product Specifications



Fully integrated compact design achieves high efficacy in a small footprint



Separate driver housing isolates electronics for longer life and simple servicing



Unique RTM technology ingeniously manages thermal dissipation for longer life



IP65 rating, oxide coating and flexible mounting method

High Reflectance Reflector

High Transparency PC

LED

Adjustable Mounting Bracket



Swivel Bracket

Hook

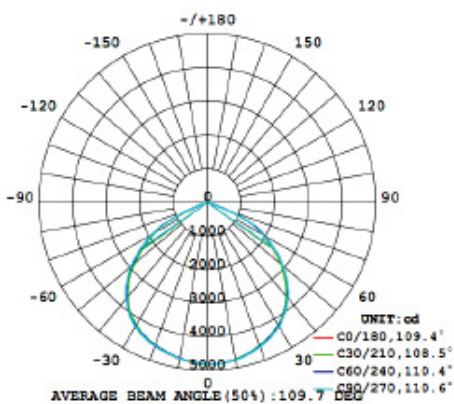
Replaceable Driver

Die-casting Heat Sink

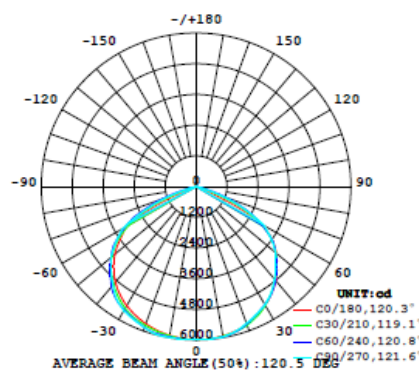


Distribution Curves

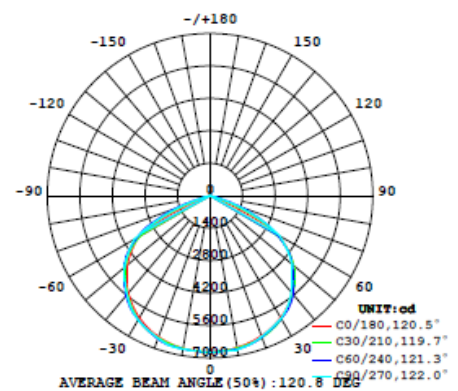
HBM150



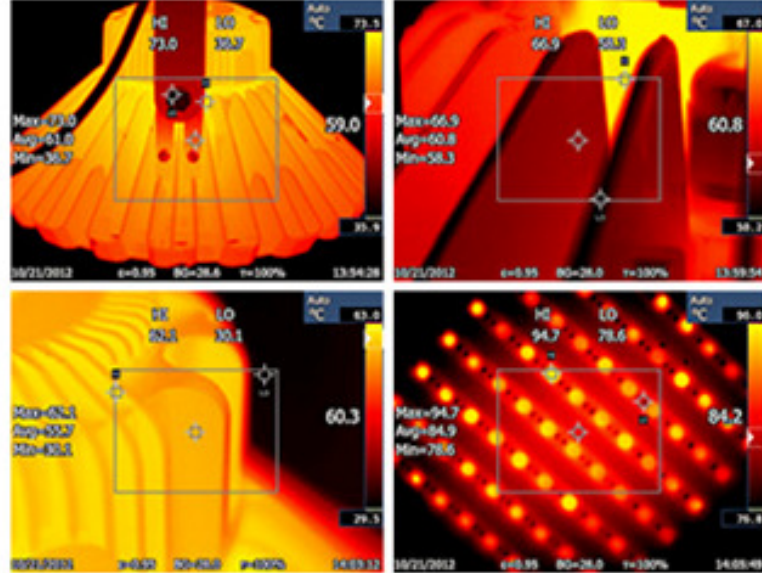
HBM180



HBM200

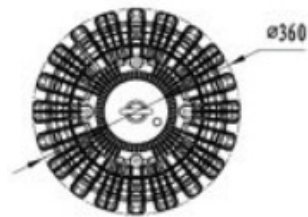
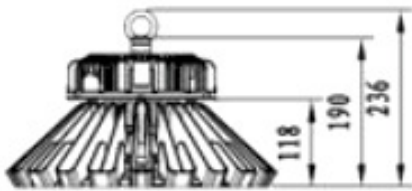


THERMALLY EFFICIENT FOR AMBIENT ENVIRONMENTS UP TO 60°C



Dimensions: Ø360mm x H236mm

Weight: 6.4kg ±0.5kg

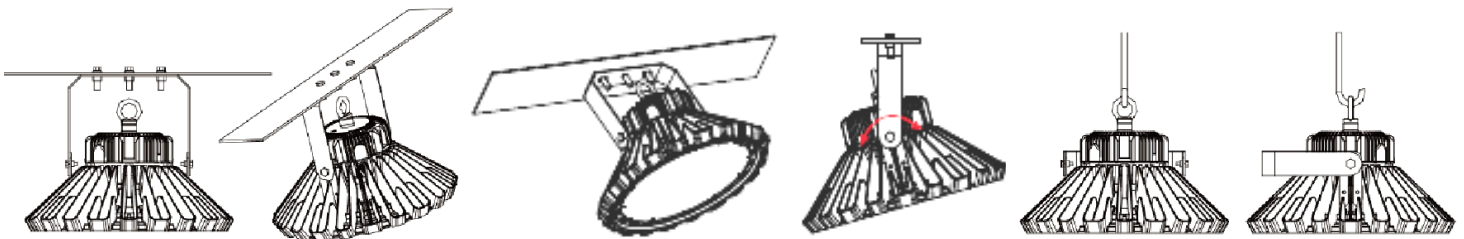


Mounting Options:

Surface

Chain

Hook



The specifications in this brochure are representative and must not be interpreted as a guarantee of individual product performance and/or characteristics.

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LUMIAAGENCY
LIGHTING EVOLVED