

LED Highbay

Features

- Luminaire efficacy up to 140 Lumen/Watt
- Superbly reliable Mean Well HBG driver with built in 1-10V dimming function
- Latest technology Nichia LED
- Black or White housing, Diameter 300mm
- Lightweight innovative heat sink design, no dust accumulation
- Hollow Magnesium alloy housing, Tempered glass
- 5 Year Warranty
- Ideal for: Warehouse, Manufacturing, Workshop, Cold store, Retail and Industrial applications

Specifications

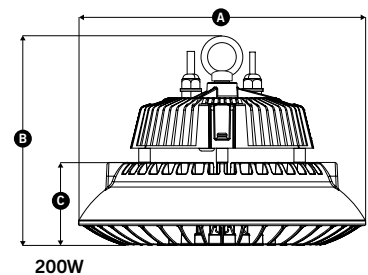
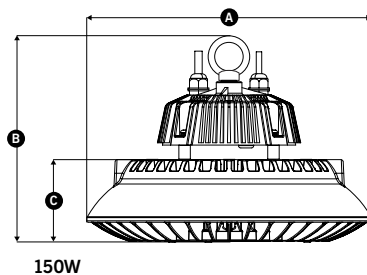
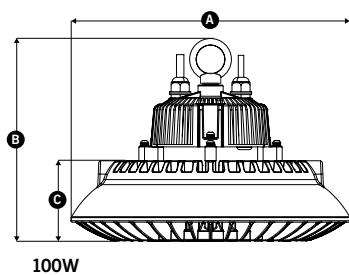
- Dimensions, Power and Lumen output: See table
- Colour temperature: 5000K
- Colour Rendering Index: >80
- Beam spread: 120°, Clear Tempered glass
- Rated Life (L70): 50,000 Hours
- Operating temperature: -40°C to 50°C (Amb.)
- Input Voltage and Frequency: 100-240V AC, 50/60Hz
- Power Factor: >0.95
- IP/IK Rating: IP65/IK08
- Installation: Fixed suspension ring
- Prewired Cable: 1.0m



Options

- Aluminium Reflectors: 90° and 60° beam
- Acrylic Reflector: 70° beam
- Microwave Sensor kit: 1-10V Dimming

Highbay range



Technical Specifications

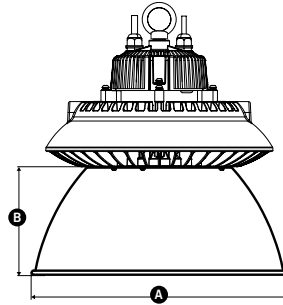
Part No.	Description	Power (W)	Measurement (A x B x C mm)	Weight (Kg)	Dimmable Function	Lumen Output	IP Rating	Power Factor	CRI	Colour Temperature
Highbay										
LXHB100BCW	LED Highbay 120° - Black	100	300 x 205 x 86	4.1	1-10V	14000	IP65	> 0.95	>0.80	5000K
LXHB150BCW	LED Highbay 120° - Black	150	300 x 205 x 86	4.5	1-10V	21000	IP65	> 0.95	>0.80	5000K
LXHB200BCW	LED Highbay 120° - Black	200	300 x 212 x 86	5.25	1-10V	28000	IP65	> 0.95	>0.80	5000K
LXHB100WCW	LED Highbay 120° - White	100	300 x 205 x 86	4.1	1-10V	14000	IP65	> 0.95	>0.80	5000K
LXHB150WCW	LED Highbay 120° - White	150	300 x 205 x 86	4.5	1-10V	21000	IP65	> 0.95	>0.80	5000K
LXHB200WCW	LED Highbay 120° - White	200	300 x 212 x 86	5.25	1-10V	28000	IP65	> 0.95	>0.80	5000K



LED Highbay - Accessories

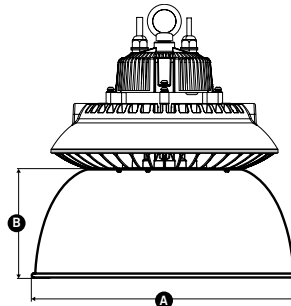
Aluminium 60° Reflector

- 60° pure aluminium reflector, suitable for high mounting positions
- Innovative 3 point keyhole mounting mechanism



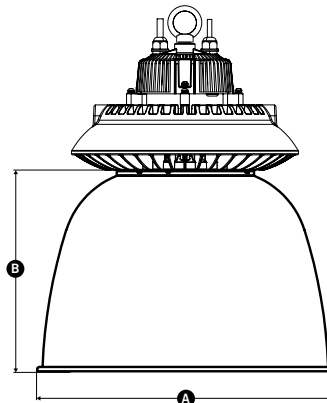
Aluminium 90° Reflector

- 90° pure aluminium reflector, suitable for medium to high mounting positions
- Innovative 3 point keyhole mounting mechanism



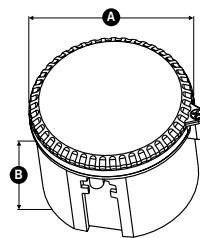
Acrylic 70° Reflector

- 70° acrylic reflector, suitable for retail and other applications which require directional light spill
- Includes fixing ring and 3 point mounting mechanism

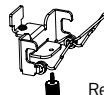


Microwave Sensor

- Automatic presence detection and dimming when used with 1-10V dimmable LED drivers
- Mounting height up to 15m. Sensor functions can be adjusted using internal DIP switches
- Includes fixing clips for both direct to Highbay or Reflector mounting.
- Refer to installation guide for further details



Fixing clip 1
Highbay mounting



Fixing clip 2
Reflector mounting



Part No.	Description	Measurement (A x B mm)	Weight (Kg)	Function
Reflector				
LXHB-REFM-60	Aluminium Reflector - 60°	355 x 150	0.4	Improved beam control - use in high mounting positions or narrow aisle areas
LXHB-REFM-90	Aluminium Reflector - 90°	355 x 150	0.55	Improved beam control - use in medium to high mounting positions in open areas
LXHB-REFA-70	Acrylic Reflector - 70°	410 x 275	1.1	Reeded diffuser - allows directional light spill through the translucent material
Microwave Sensor				
LXHB-MSB	Microwave Sensor - Black	72 x 59	0.35	Direct to Highbay or Reflector mounting - Motion and Daylight sensor, IP65, 1-10V dim
LXHB-MSW	Microwave Sensor - White	72 x 59	0.35	Direct to Highbay or Reflector mounting - Motion and Daylight sensor, IP65, 1-10V dim