

Key Features & Benefits

- Up to 190lm/w+ efficiency
- Provides ideal lighting for industrial, manufacturing and warehousing
- integrated centralised sensor
- 60°/90°/120° optical lenses available
- IP65 rated
- Fit & Forget 5 Year Warranty
- Reduces energy consumption by over 50% on traditional lighting



LED High Output Sensored Highbay



The CEMA Lighting LED IP65 Super Lumen High Output Circular Highbay provides a extremely high efficiency of 190lm/W that is perfect for replacing the traditional internal lighting of industrial, manufacturing, workshop and warehousing applications, as well as many other instances when looking to improve the lighting within high ceiling buildings.

This fitting also has different optical lenses available this allows us to choose which beam angle works best for the application or the area in which the light is being installed, this fitting comes with 3 options, either 60°, 90° or 120° lenses allowing for use in a wide range of applications.

This fitting is also very light in comparison to similar types of LED Highbays available, weighing as little as 2.7KG and with its 190lm/W output it also offers the highest available efficiencies for LED luminaires on the market. With up to 100,000 hour life span this provides a maintenance free solution for difficult applications where changing lamps or drivers can either be hazardous or expensive.

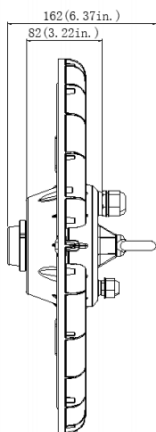
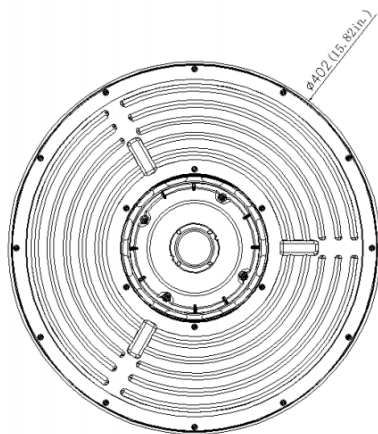
This product comes with the CEMA Lighting **Five Year Fit & Forget Warranty**.

Applications

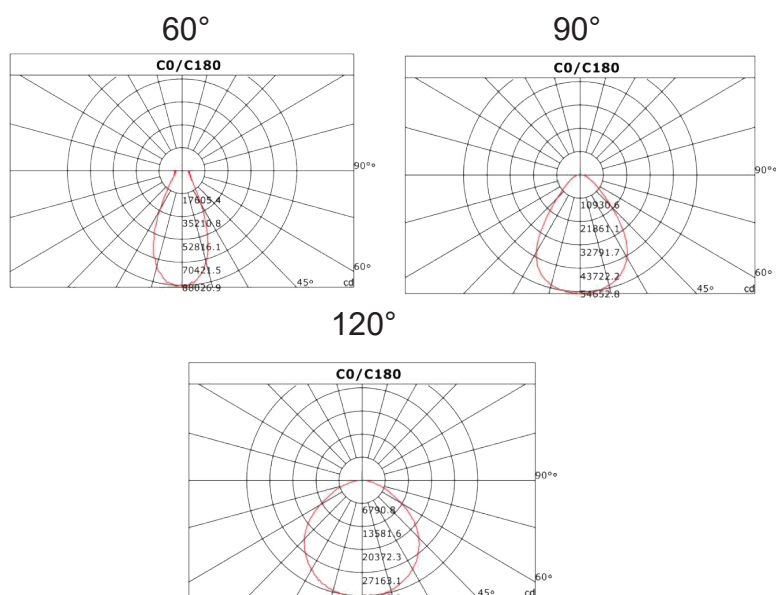
- High Ceiling Buildings (5M+)
- Sports Hall
- Industrial Plants
- Warehouses
- Preparation Areas
- Storage Areas
- Workshops

Optional Extras

- 3 Hour Emergency Battery Back Up
- Microwave Sensor
- Daylight Sensor
- Occupancy Control



Size Diagram



Photometric Curve Diagram

LED High Output Sensored Highbay

Technical Specification



Product Code	101-09-001-90	101-09-001-110	101-09-001-150	101-09-001-200	101-09-001-240
Wattage [W]	90W	100W	150W	200W	240W
IP Rating	IP65	IP65	IP65	IP65	IP65
Luminous Output	17,100	20,900	28,500	38,000	43,200
Lumens Per Watt	190±5%	190±5%	190±5%	190±5%	190±5%
Lifespan [up to]	100,000	100,000	100,000	100,000	100,000
Colour Temp	4000K/5000K 5700K/6000K	4000K/5000K 5700K/6000K	4000K/5000K 5700K/6000K	4000K/5000K 5700K/6000K	4000K/5000K 5700K/6000K
CRI	>70	>70	>70	>70	>70
Input Voltage	100-277V 50/60Hz	100-277V 50/60Hz	100-277V 50/60Hz	100-277V 50/60Hz	100-277V 50/60Hz
Working Temp	- 40°C to 50°C	- 40°C to 50°C	- 40°C to 50°C	- 40°C to 50°C	- 40°C to 50°C
Beam Angle	60° / 90° / 120°	60° / 90° / 120°	60° / 90° / 120°	60° / 90° / 120°	60° / 90° / 120°
Power Factor	>0.95	>0.95	>0.95	>0.95	>0.95
Weight	2.7KG±5%	2.7KG±5%	3.9KG±5%	3.9KG±5%	3.9KG±5%
Dimensions [mm]	289*289*176	289*289*176	325*325*187	325*325*187	325*325*187



Commercial and Industrial Lighting Specialists