

Honeywell IP65 High Bay LED Luminaires



Honeywell LED High Bay luminaires are designed specifically to replace conventional High Bay lighting in a wide variety of industrial applications.

They are suitable for applications such as warehouses, factories, cold stores and service areas.

Excellent product life provides great maintenance benefits for restricted access and general high bay lighting applications.

Features and Benefits

- System efficacy up to 84 lm/w
- Colour Rendering Ra80
- Ingress Protection to IP65
- Suitable for central battery emergency systems ^{*2}
- Instant start up, no re-strike cool down period
- Suitable for occupancy detection ^{*3}
- Integral LED driver
- Mercury free and RoHS compliant

Optical Specifications

Product Code	System Lumens	CCT	CRI	Beam Angle
HLHB95W85000K ^{*4}	7544.6 lm	5000K	80	75°
HLHB110W85000K ^{*4}	9418.1 lm	5000k	80	68°
HLHB190W85000K ^{*4}	14079.3 lm	5000k	80	73°
HLHBH190W85000K ^{*4}	15278.5 lm	5000k	80	82°

Mechanical Specifications

Fixing Method	250mm Chain and Karabiner Cleat (supplied) or utilizing the pre drilled 10mm hole
Luminaire Case Materials	Aluminium
Luminaire Case Finish	Powder Coat Paint - Grey
IP Standard	IP65
Lens	Glass
Operating Temperature	-30°C ~ 45°C

Electrical Specifications

Input Voltage	220 – 240 VAC	
Frequency	50 / 60 Hz	
Power Factor	> 0.90	
Inrush Current	75 Amps – 100 µSec	
Performance	System Power	System Efficacy
HLHB95W85000K ^{*4}	96.3 W	78.34 lm/W
HLHB110W85000K ^{*4}	112 W	84.09 lm/W
HLHB190W85000K ^{*4}	187.1 W	75.25 lm/W
HLHBH190W85000K ^{*4}	181.5 W	84.17 lm/W
Standards	BS EN 61000-3-2 (Harmonics) BS EN 61000-4-5 (Surge) BS EN 60598 (Safety) BS EN 61347 (Control Gear)	
Lamp Life	50,000 Hrs ^{*1}	
Warranty	5 Year Limited ^{*1}	

Honeywell warrants that the lumens depreciation of the Honeywell LED Utility Lighting products will not exceed 30% within a five year period^{*1}. This limited warranty further covers faulty materials and workmanship of the luminaire.

Full details available on request.

^{*1} Subject to environmental operating conditions.

^{*2} 230 V AC system central battery system only.

^{*3} See Ex-Or By Honeywell for High Bay Sensors.

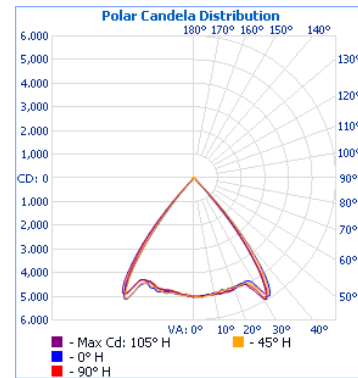
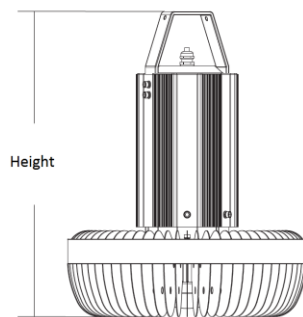
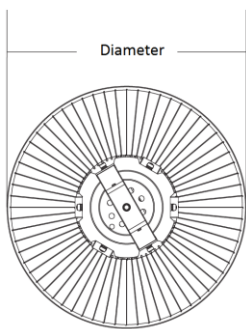
^{*4} Meets the full requirements of the UK eligibility criteria for Enhanced Capital Allowance. (ECA Scheme)

Dimensions

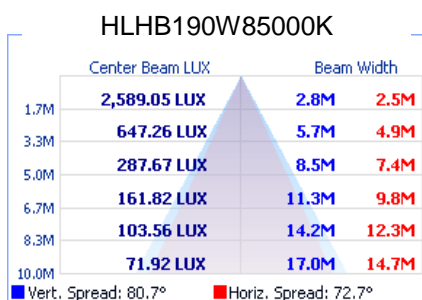
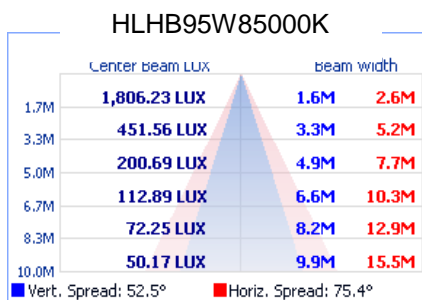
Luminaire Product Code	Diameter (mm)	Height (mm)
HLHB95W85000K	316	384
HLHB110W85000K	316	384
HLHB190W85000K	348	439
HLHBH190W85000K	348	439

Weights

Luminaire Product Code	Net (kg)	Packaging (mm)
HLHB95W85000K	4.6	395 x 390 x 445
HLHB110W85000K	5.0	395 x 390 x 445
HLHB190W85000K	5.5	450 x 445 x 475
HLHBH190W85000K	5.5	450 x 445 x 475



Lux Distance Diagrams



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different heights.