

CB  CE RoHS ErP



HBR01

Highbay Light Series

HBR01 power-adjustable options make it a versatile lighting solution that can be customized to fit different settings. With its range of 60-300W, businesses and facilities can choose the appropriate power level for their specific needs. With CCT selectable functions, the user can adjust the color temperature of the light output to suit the preferences or specific lighting needs.



IP65
Wet Location



IK08
Protection Provide

5 YEARS
WARRANTY



D260

60W/ 80W/ 100W
100W/ 120W/ 150W



D295

120W/ 150W/ 200W
150W/ 200W/ 240W



D320

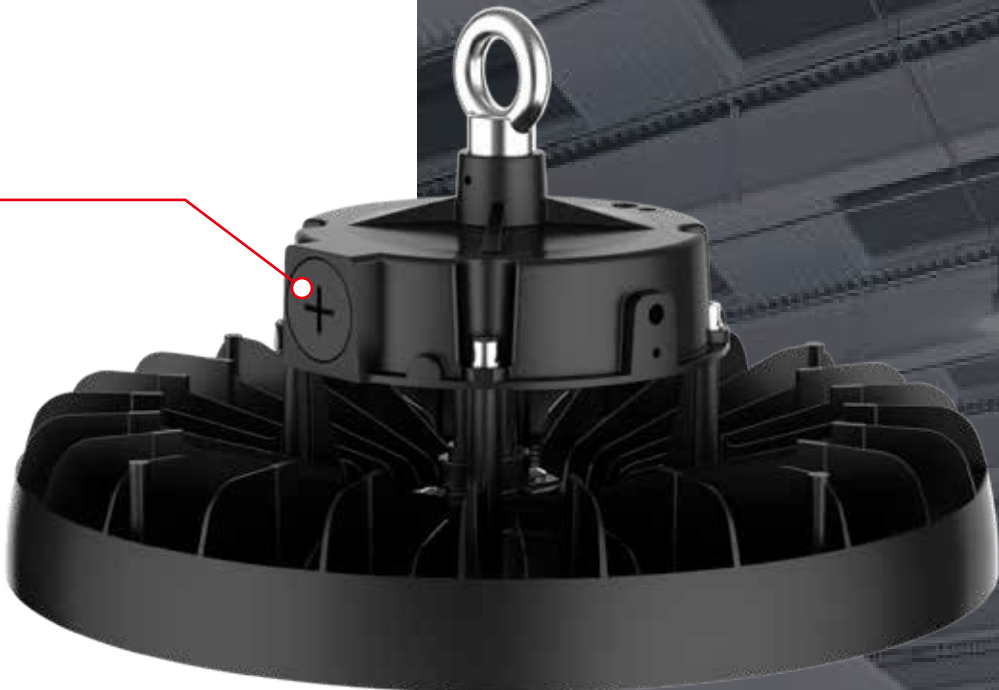
200W/ 240W/ 300W

REDEANLEDTM

ILLUMINATE WITH EFFICIENCY AND DIRECTION

Most Cost-Effective Highbay

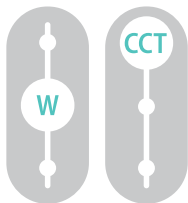
Using MOSO power(0-10V dimming) and Lumileds 2835 LEDs likely contributes to its energy-efficient operation and longevity, and make it a most cost-effective high bay.



Wattage & CCT Selectable

Power (W)	LOW (C)	MID (B)	HIGH (A)
	60W	80W	100W
	100W	120W	150W
	120W	150W	200W
	150W	200W	240W
	200W	240W	300W

CCT (K)	A (CW)	A+B (NW)	B (WW)
	5700K	5000K	4000K
	5000K	4000K	3000K



FIELD
ADJUSTABLE





Sensor Optional

HBR01 includes an expansion port that makes it easy to screw on standard or Lightcloud Blue-enabled PIR and microwave sensors, which can be configured to adjust brightness and hold time, saving additional energy and costs. A remote is also available for an additional level of control.



PIR sensor



Microwave sensor





Parameters

Model No.	HBR01-100W	HBR01-150W	HBR01-200W	HBR01-240W	HBR01-300W
Wattage	100W	150W	200W	240W	300W
Wattage Seletcable	60W-80W-100W	100W-120W-150W	120W-150W-200W	150W-200W-240W	200W-240W-300W
Light Efficiency	160Lm/W @90° or 120°, all Bright				
Lumen Flux (@4000K)	16,000Lm	24,000Lm	32,000Lm	38,400Lm	48,000Lm
CCT	2700K/ 3000K/ 4000K/ 5000K/ 5700K/ 6500K , CCT Seletcable: 3000K-4000K-5000K, 4000K-5000K-5700K Optional				
Beam Angle	60°/ 90°/ 120°				
CRI	70 / 80				
SDCM	≤6				
Input Voltage	AC 100-277V / AC 120-347V / AC 200-480V				
Power Factor	0.9				
THD	<20%				
Percent Flicker (%)	<20%				
Protection Against Electric	Class I				
IP (Environmental location of luminaries)	IP65				
IK	IK08				
Operating Temp Ranger	-30°C~-+50°C / -22°F~-+122°F				
Intelligent Control	0-10V Dimming, PWM				
Lifetime	50,000Hours (L70B50 @35°C) / (L70B50 @95°F)				
Net Weight (kg/ lbs)	1.6 kg±0.5 / 3.53 lbs±1.1	1.6 kg±0.5 / 3.53 lbs±1.1	1.72 kg±0.5 / 3.79 lbs±1.1	1.9 kg±0.5 / 4.19 lbs±1.1	2.5 kg±0.5 / 5.51 lbs±1.1
Dimension (mm/ in)	260*260*118.5mm 10.24*10.24*4.67in	260*260*118.5mm 10.24*10.24*4.67in	295*295*121.5mm 11.61*11.61*4.78in	295*295*126.5mm 11.61*11.61*4.98in	320*320*132mm 12.60*12.60*5.20in
Packing Dimension (mm/ in)	270*270*160mm 10.63*10.63*6.30in	270*270*160mm 10.63*10.63*6.30in	310*310*165mm 12.20*12.20*6.50in	310*310*165mm 12.20*12.20*6.50in	335*335*175mm 13.19*13.19*6.89in
Warranty	5 years				
Certificate	UL / DLC 5.1 Premium / CE / CB / ENEC / ErP / RoHS				
Brand	LED: Lumileds Driver: MOSO				
Material	Structure: Die-casting/ High Thermal Conductivity AL Finish: Power Coated Lens: Polycarbonate Color: Black				

Installation Optional



Accessories Optional



Optic Lens

High transmittance PC material.
Code: HB16-60X/ HB16-90X
HB16-110X



Aluminium Reflector

90°Aluminium reflector
Code: HB16-90AF



PC Reflector

Code: HB16-90PF



Dust-proof Cap

Use with 90°PC reflector
Code: HB16-90PPF



**±90° Adjustable Bracket,
Fixed on driver**
SPCC materials with outdoor powder coating
Code: HB16-01



Sling Chain

304 stainless steel, 3.28ft optional
Code: HB-SC-10



Hook

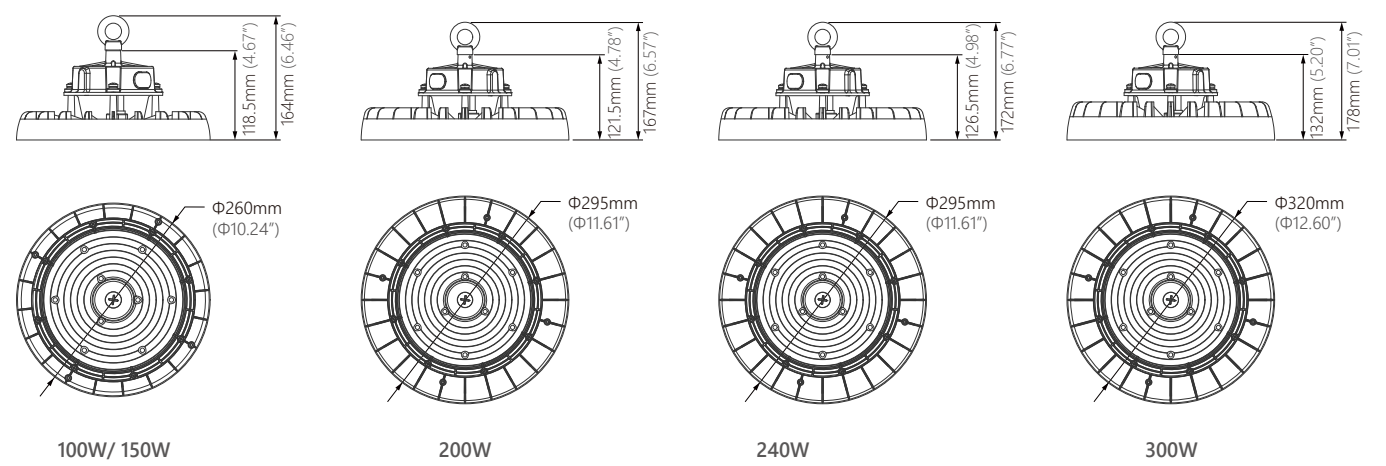
304 stainless steel
Code: Hook-M10



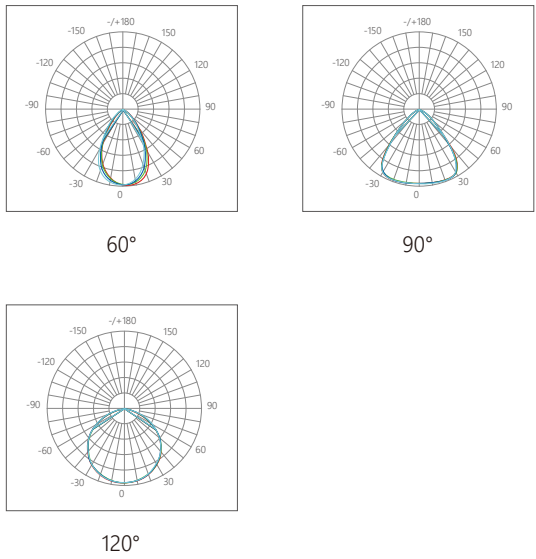
Safety Rope

304 stainless steel, 2.62ft optional
Code: HB-SR-08

Dimension (mm/ in)



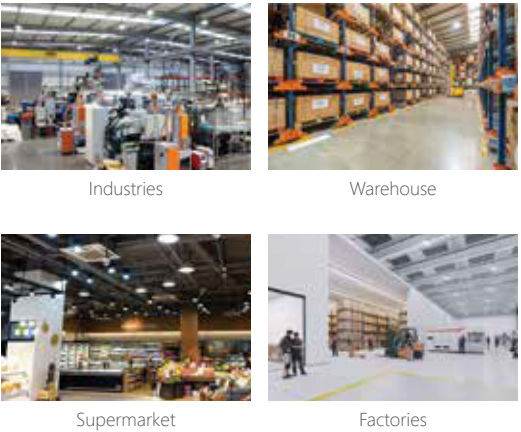
Photometric diagrams



Applications

Indoor/ Industrial/ Supermarket

- Indoor Industrial
- Factories
- Warehouses
- Supermarket



Address: PO Box 19582, Dubai, UAE
T: +9714 8868 911 M: +971 56 243 8755
E: info@redeanled.com Web: www.redeanled.com

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