

Product Specification

Product Name 150W LED high bay light

Model No. LD-HBL-150W-CL5

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Version REV 1.0



Approve Review Editor

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1.Product Description:

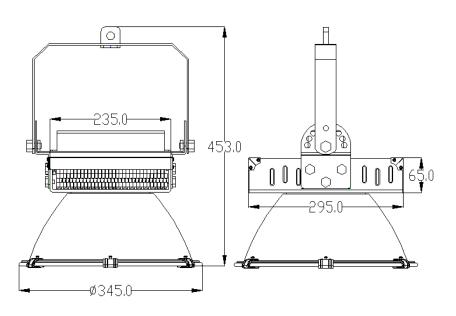
- Beautifully designed, optimized heat dissipation, adopts thermal tube and fin to dissipate heat, meet the cooling demands of high power.
- High brightness Cree SMD chip as light source, energy saving, environment, low voltage, easy to control, long lifespan, no ultraviolet etc.
- Radiator adopts pin fastening, cooper heat pipe, rapid heat conduction speed, tight whole lamp structure, light-weighted, better heat dissipation performance.
- Optical design lampshade, beam angle: 25, 45, 60, 90, 120degree, multi-angle adjust bracket, top 170°;
- Hanging or vertical installation, easy and convenient.

2.Applications

Widely used in warehouse, mines, gas stations, factories and other.

3.Product specifications						
Product Spec.	LD-HBL-150W-CL5	Storage temperature	-40∼85°C			
Safety Class	CLASS I	Overall dimension	Ф345*453			
UL Certificate No.	E467228	Radiator dimension	235*295*65 ^{mm}			
IP Class	IP54	Material	Aluminum alloy			
Surface Color	Grey/Black	Weight	4.89kg			
Humidity	5 ∼95% R.H.	lifespan	≥50,000H			
Working Temperature	-20∼55°C	Warranty	2-3 years, <3% within 3000Hrs			





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4.Electronic SpecificationTesting Condition(Testing under 220V/50Hz)

Input Power	150W	Input Voltage	AC 90-305V
Input Current	0.682A	Power Factor	>0.9
Output Power	111.6W	Output Voltage/ Current	DC 30V-36V 4.5A
Driver efficiency	>0.93	Frequency	47 ∼63Hz

5.Optic Spec (Tolerance±10%, except assigned items) Testing Condition: (Lighting up more than 1.0H,)

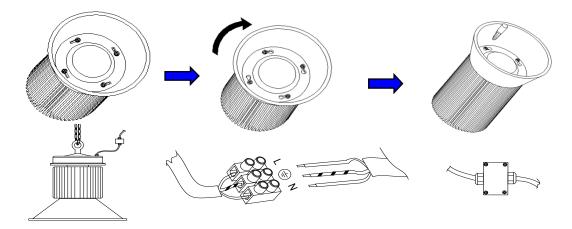
resung Condition: (Light	ang ap moi	C than 1.011,)		
Item	Unit	Туре	Curve of Light Distribution	
itom	Onit	i ype	120°	
Luminous Flux	lm	12750LM	-150 -/*180 150 -120	120
CBCP(50%)	cd	387	-90	90
Light efficiency	lm/W	85LM/W	-60 22B 20 20 20 20 20 20 20 20 20 20 20 20 20	60 WHI col/klm 0/180_113.7deg 0/0720_113.6deg
CRI	1	≥75	Effective illu	
			120°	
CCT/Wavelength	K/nm	2700K-7500K	LED High Bay Light	ñα.
Color Tolerance	SDCM	<5		
Beam Angle	0	25/45/60/90/120	1m	5022 Lu:
LED Spec.	1	77PCS/2W Cree	6m 9m 12m	139 Lux 62 Lux 34 Lux
				31 Dan

6.Temperature Test (Unit: °C)							
LED Solder Point (Tsp)	68	Surface of Heat Sink (Ths)	57				
Testing Ambient Temp. (Ta)	30°						

Beam angle:120 $^{\circ}$

150W

7. Installation Instruction



- 1. Turn off the switch.
- 2. Please assemble the radiator and diffuser according the instruction.
- ①Put the diffuser on the radiator and adjust to each screw hole.
- 2 Rotate the diffuser.
- 3 Screwing them.
- 3. Connect the light ring with hanging chain ,ensure the chain can sustain 60kg.
- 4..Brown-L ,Blue-N,Yellow&Green-GND.
- 5. Please make sure all the connections are correct, then turn on the switch.

8. Notice

- ♦ For safety , please operated by professionals when installing \ repairing \ and checking.
- Please use the specified driver.
- ♦ Please don't install the lamp in high temperature or damp places ,in case any damaged.
- Please don't cover with insulation blanket or other similar things at any time.
- Please pay attention to the glass when loading and unloading.