Product Specification

Product Name 50W led floodlight

Product Spec LD-FL-50W-CL1-R1-IC-SMD2835

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Approve: Review: Editor:

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1.Product Description:

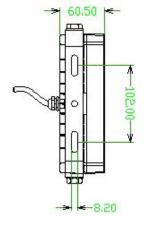
- Compact structural design, Unique stream lined lamp shape, sturdy, durable, waterproof and dust proof.
- Use high brightness SMD2835 as led light source, reasonable electric circuit design; high light efficiency, C
 RI,Excellent heat emission, energy saving and long lifespan.
- Constant current IC input,fast start,function stable and reliable.
- Optical design make light uniformity,no glaring,well protect the eyes.
- Modular structural design,could joining several module together,meet the goal of high power with scattered heat dissipation.

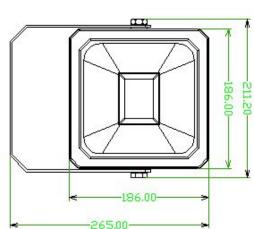
2.Applications

Application:widely used for billboard, lighting project, square, building outer wall, indoor lighting, factory lighting and so on.

3.Product specifications						
Product Spec.	LD-FL-50W-CL1-R1-IC- SMD2835	Storage temperature	-40∼85℃			
Certifications	CLASS I	Overall dimension	186*186*60.5mm			
Certificate No.		radiator dimension	1			
IP Class	IP65	Material	Aluminum alloy			
Surface Color	Grey/Black	Weight	1.4kg			
Humidity	5 ∼95% R.H.	lifespan	≥50,000H			
Working Temperature	-20∼55°C	Quality Assurance	2-3 years, < 3% within 3000Hrs			





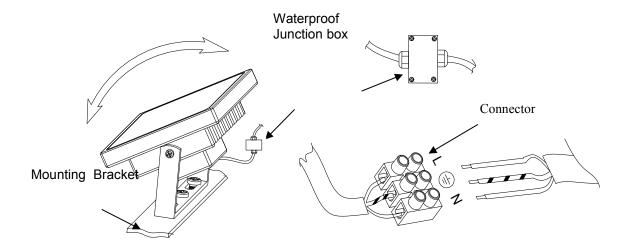


4.Electronic Specification Testing Condition(Testing under 220V/50Hz)						
Input Power	50W	Input Voltage	AC200 ~ 240V /AC100/140V			
Input Current	0.227A	Power Factor	>0.9			
Output Power	1	Output Voltage/ Current	1			
Driver efficiency	>0.85	Frequency	50Hz/60Hz			

5.Optic Spec (Tolerance±10%, except assigned items) Testing Condition: (Lighting up more than 1.0H,) **Curve of Light Distribution** Item Unit Тур. 120° Luminous Flux lm 4000LM CBCP(50%) 424 cd Light efficiency 80LM/W Im/W **Effective illumination** CRI ≥80 120° CCT/Wavelength K/nm 2700K-7500K SDCM <5 1m Color Tolerance 1529 Lux 2m 382.2 Lux 120 Beam Angel 3m 169.9 Lux 4m 95.55 Lux LED Spec. 100PCS/2835SMD 61.15 Lux

6.Temperature Test (Unit: ℃)							
LED Solder Point (Tsp)	67	Surface of Heat Sink (Ths	;)	58			
Testing Ambient Temp. (Ta)	30°						

7. Installation Instructions:



- 1. Cut off the power.
- 2. Check fittings, get installation tools ready.
- 3. Fixed lamp on stand as the installation pictures show.
- 4.Lock screws with a wrench, and adjust the irradiation direction of the lights
- 5. Ensure water proof and moisture proof when outdoor use, waterproof junction box is suggested when wires connected, please refer to the installation pictures.
- 6. Adjust angle and fix, connect to the power after checking without problem.

8. Notice:

- For safe, please ask professionals to install, repair and check. Operate by Non-professionals is dangerous.
- ◆ Should use with specified driver.
- ◆ For fixtures safety, please don't install them on high temperature and damp places. At least 75mm ventilation space will be asked for cooling.
- ◆ Uncover with insulation blanket and other similar things all the time.
- Please notice the glasses when install and dismantle.