Product Specification

Product Name 20W Led Floodlight

Product Spec LD-FL-20W-CL4-R1-SMD

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Approve: Review: Editor:

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1.Product Description:

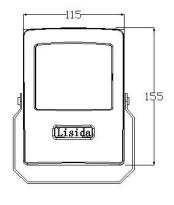
- This item adopt curve design which makes appearance very beautiful, unique, innovative and high-end.
- Adopts SMD3030 chips as lighting source, high lumen and high CRI, perfect heat dissipation and long lifetime.
- Constant current driver, quick starting, voltage is stable and safe.
- Lamps using optical design, light uniformity, no glare and eye protection
- Easy installation, the holder can be adjusted in 360degree.
- Integrated design, multiple colors can be choose, which make flood light more beautiful.

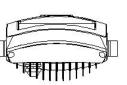
2.Applications

Application: Mainly apply to outdoor lighting projects, also apply to factories, mines, warehouses and other places.

3.Product specifications:						
Product Spec.	LD-FL-20W-CL4- SMD	Storage temperature	-40∼85℃			
Certifications	CLASS I	Overall dimension	155*115*75mm			
Certificte No.	1	radiator dimenstion	1			
IP Class	IP65	Material	Aluminum alloy			
Surface Color	Grey/Black	Weight	0.75kg			
Humidity	5 ∼95% R.H.	lifespan	≥50,000H			
Working Temperature	-20∼55°C	Quality Assurance	2-3 years, < 3% within 3000Hrs			







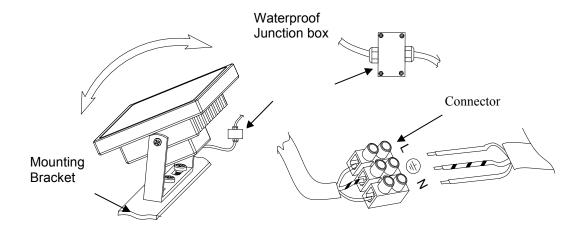


4.Electronic Specification Testing Condition(Testing under 220V/50Hz)						
Input Power	20W	Input Voltage	AC 85∼265V			
Input Current	0.090A	Power Factor	>0.9			
Output Power	17W	Output Voltage/ Current	DC 30V-36V 0.6A			
Driver efficiency	>0.85	Frequency	47 ∼63Hz			

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 1800LM lm CBCP(50%) 436 cd Light efficiency Im/W 90LM/W **Effective illumination** CRI ≥75 120° **4.1731.6.1.670.6** CCT/Wavelength K/nm 2700K-7500K 1m --742. 6 Lux SDCM <5 2m -185. 7 Lux Color Tolerance 3m 82. 5 Lux 120 Beam Angel 4m -46.4 Lux 29.7 Lux 5m LED Spec. 30pcs/3030SMD

6.Temperature Test (Unit: ℃)							
LED Solder Point (Tsp)	68	Surface of Heat Sink	(Ths)	61			
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. Put the drive on ceiling or other suitable place.
- 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.