Product Specification

Product Name 10W Led Floodlight

Product Spec LD-FL-10W-CL4-R1-SMD

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Version REV 1.0



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.

-20~55℃

- 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

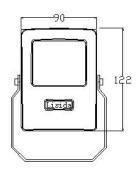
Working Temperature

3.Product specifications:

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

| | Product Spec. | LD-FL-10W-CL4-R1- SMD | Storage temperature | -40∼85℃ | |
|--|-----------------|--------------------------|---------------------|----------------|--|
| | Certifications | CLASS I | Overall dimension | 86*86*32.5mm | |
| | Certificate No. | 1 | radiator dimension | 1 | |
| | IP Class | IP65 | Material | Aluminum alloy | |
| | Surface Color | Grey/Black | Weight | 0.45kg | |
| | Humidity | 5 ∼95% R.H. | lifespan | ≥50,000H | |





Quality Assurance





2-3 years,

within 3000Hrs

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

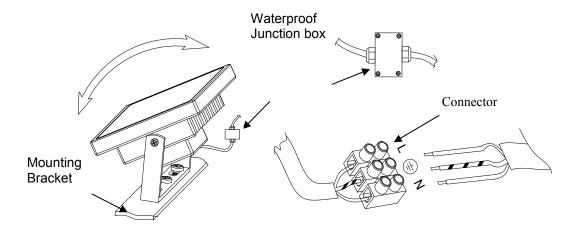
| Input Power | 10W | Input Voltage | AC 85∼265V | |
|-------------------|--------|-------------------------|------------------|--|
| Input Current | 0.045A | Power Factor | >0.5 | |
| Output Power | 8.5W | Output Voltage/ Current | DC 30V-42V 0.24A | |
| Driver efficiency | >0.85 | Frequency | 47 ∼63Hz | |

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

| ltem | Unit | Тур. | Curve of Light Distribution | |
|------------------|------|---------------|--|--|
| | | | 120° | |
| Luminous Flux | lm | 900LM | -130 -130 -130 | |
| CBCP(50%) | cd | 533 | | |
| Light efficiency | lm/W | 90LM/W | -60 40 40 40 40 40 40 40 40 40 40 40 40 40 | |
| CRI | / | ≥75 | Effective illumination | |
| CCT/Wavelength | K/nm | 2700K-7500K | 120° | |
| Color Tolerance | SDCM | <5 | 1m 405. 2 Lux 2m 101. 3 Lux | |
| Beam Angel | 0 | 120 | 3m 45. 02 Lux 4m 25. 32 Lux | |
| LED Spec. | 1 | 12PCS/3030SMD | 5m ———————————————————————————————————— | |

| 6.Temperature Test (Unit: ℃) | | | | | | | | |
|------------------------------|----|----------------------|-------|----|--|--|--|--|
| LED Solder Point (Tsp) | 58 | Surface of Heat Sink | (Ths) | 52 | | | | |
| 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.