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50W LED Spot Light

LED Spot Light is an environmentally friendly, energy saving replacement for a traditional sodium, mercury and halogen style spot light.



Special Feature:

1, Good Thermal Management: The durable aluminum shell is made by whole-body molding processing technology which enables the good thermal management. The integrated system conducts heat away from LED and transfers to the surrounding environment. So the long lifespan of led can be maintained.

2, Excellent Optical System: Optical system utilizes a unique combination of reflective and refractive optical components. PMMA high efficient lens are placed for different beam angles. The fog-proof 3mm tempered glass is to protect against humidity and dust. It still can maintain the original light power. UV resistant.

3, High efficiency driver: Unique integral, high efficiency driver and constant current power suppl. The power factor is more than 0,9.

4. High IP rate: It is up to IP66 grade. Suitable for outdoor or aquatic operation.

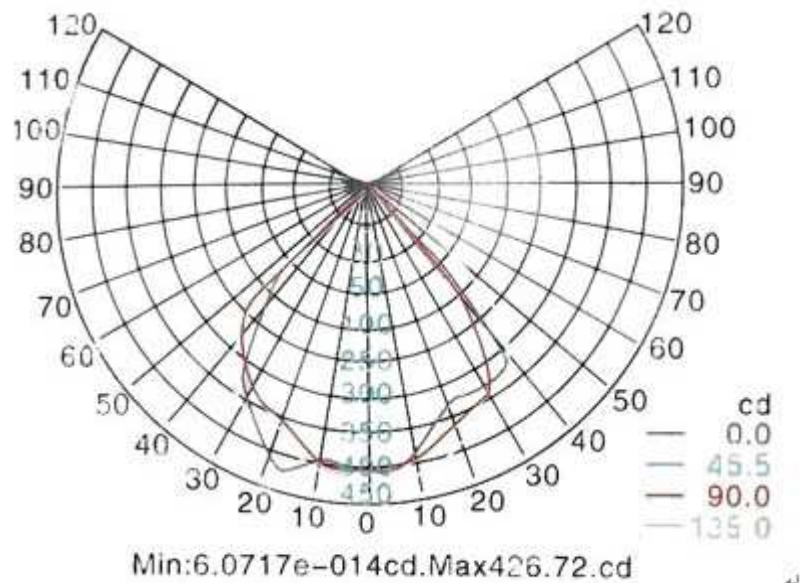
Main Application:

- Recreation area lighting
- Warehouse lighting
- Sign lighting
- Building lighting
- Car park lighting
- Perimeter fence lighting
- Street lighting
- Gas station lighting

Specification:

Product Code	SPOTCIN50W240
Input Voltage	AC240V
Total Power Consumption	50W
Input Frequency	47-63Hz
LED QTY	5
Total LED Output	4000Lm
Operating Lumens at 25°C	3200Lm
Luminous Efficiency	60-100Lm/W
Beam Angle	120°
LED Color	Cool white
Color Temp(K)	5000-6500K
LED Lifespan	50000Hrs
Operating Temp	-40°C to +55°C
Working Humidity	0-95%
Turn on time	100ns
Product Size(mm)	290x240x150
Net Weight	4.5kg
Certification	RoHS, CE

Light Distribution:



Caution:

1, To ensure the feature of water resistance, unauthorized person is not allowed to disassemble spot light construction.

2, The safety operating temperature is -40°C to $+55^{\circ}\text{C}$. Make the product work in the circumstances with this temperature range. Otherwise the product will break down or components inside may have a shorter lifespan. The average temperature on the product body is 40-50 deg Celsius. It is suggested the product is installed beyond the hand touch on the metal body.

3, Don't give a stress on the front surface of the glass with more than $0.2\text{MPa}/\text{m}^2$

4, Please make sure the electricity is powered off before the maintenance.