

Φ 50mm MR16 High power Series
Technical Data Sheet

Model No: LM-SDRA5WXX3



Features

- ◇ High Intensity
- ◇ Low Power Consumption.
- ◇ Long life.
- ◇ Low voltage operation at 12VAC or 12VDC
- ◇ Available for all color
- ◇ Easy-equipped.

Description

This LED lightings are Big power 1pc LED for 5W, higher than the bright of other spot lamp as MR16. make use of the top grade aluminum alloy of the curst, faster scatter thermal diffusion.

The colors of lighting can be white, warn white.

Application

- ◇ Entertainment Lighting
- ◇ Architectural lighting
- ◇ City Beautification
- ◇ Landscape lighting
- ◇ Medical lighting
- ◇ Portable lighting
- ◇ Other light sources

Device Selection Guide

Part No.	Color	Q'ty of LEDs (pcs)	Color Temp / Wavelength Typ (kelvin/nm)	Total Lumens Typ (lm)
LM-SDRA5WW63	Warm White	1	3000K	70.1
LM-SDRA5WW03	Cool White	1	6000K	82.3

Lumen Decrease(Ta =25°C)

Operating time (hours)	2000	5000	10000
Lumen decrease (%)	3	10	20

Absolute Maximum Ratings (Ta =25°C)

Items	Symbol	Rating	Units
Operating Voltage	Viac	AC 12/DC12	V
LED Operating Current	li	AC 42	mA
Operating frequency	Freo	50-60	Hz
Power Dissipation	Pa	6	W
Operating Temperature	Tope	-5 - +45	°C
Storage Temperature	Tsto	-10 - +50	°C

Typical Performance (Ta =25°C)

Items	Symbol	Min	Typ.	Max.	Units
Input Voltage	Vi	12	---	13	V
Input Current	If	---	---	50	mA
Beam Pattern	BP	---	15	---	Deg
Total Length	Lmod.	---	77.2	---	mm
Net Weight	Wei.	---	65.5	---	g
Estimated Life [1]0	Life	30000	---	---	hour
Optimized Thermal Management (Body Temperature)	/		---	50	°C

Notes:

- [1] The estimated life of MR16with Lucky Light's lamps are estimated base on the LED light 4-8 hours each day. and Lucky Light only guarantee 30000 hours in specification , but it is longer than 50000 hours .
- Rank rations will be determined by Lucky Light , if you have any request or queries for Lucky Light products , please directly contact salesman .
- The brightness and forward voltage can be designed according to customer specifications.
- Specifications are subject to change without notice

Product picture:



Product Dimensions

Notes:

1. All dimensions unit in mm .
2. The tolerance is +/- 0.2mm unless otherwise noted