

φ 50mm MR16 High power Series
Technical Data Sheet

Model No: LM-SDRA1WXX3



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 1W, 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, red, yellow, blue, green and other colors.

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-SDRA1WW63	Warm White	1	3200K	42
LM-SDRA1WW03	Cool White	1	5500K	50
LM-SDRA1WB03	Blue	1	470nm	12
LM-SDRA1WG03	Green	1	525nm	48
LM-SDRA1WY03	Yellow	1	590nm	42
LM-SDRA1WR03	Red	1	624nm	46

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Lumen Decrease(Ta =25°C)

Operating time (hours)	2000	5000	10000
Lumen decrease (%)	1	5	10

Absolute Maximum Ratings (Ta =25°C)

Items	Symbol	Rating	Units
Operating Voltage	Viac	AC 12	V
LED Operating Current	li	DC 350	mA
Operating frequency	Freo	50-60	Hz
Power Dissipation	Pa	3	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	---	V
Input Current	If	---	---	150	mA
Beam Pattern	BP	---	35	---	Deg
Total Length	Lmod.	---	50.5	---	mm
Net Weight	Wei.	---	30.0	---	g
Estimated Life [1]	Life	50000	---	---	hour
Optimized Thermal Management (Body Temperature)	/		---	50	°C

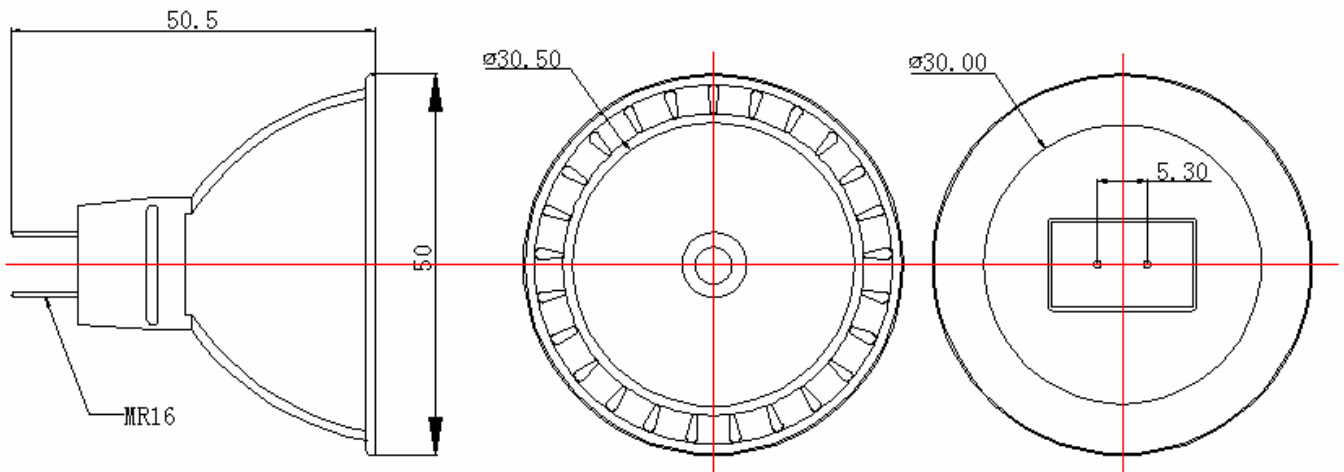
Notes:

- [1] The estimated life of MR16 with Lucky Light's lamps are estimated base on the LED light 4-8 hours each day. and Lucky Light only guarantee 50000 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