



SPECIFICATION

Product Name:	MR16 Lamp
Part No.:	NS-MR16-G5-M
Date:	2012-3-25
Edition Code:	V1.2

Foshan NationStar Optoelectronics Co., Ltd.		
LED Lighting Branch		
DRAFT	CHECK	CONFIRM



NS-MR16-G5-M

● Features

1. Light source is COB LED with high luminous efficiency.
2. DC12V input voltage, with low power consumption and energy saver.
3. This product is environmental friendly, containing no flash strobe and radiation, as well as UV and infrared rays.
4. CCT:2800K-7500K.
5. Standard GU5.3 socket.
6. In accordance with the RoHS.

● Applications

With convenient installation, this product can be widely used in houses, shopping malls, offices, etc.

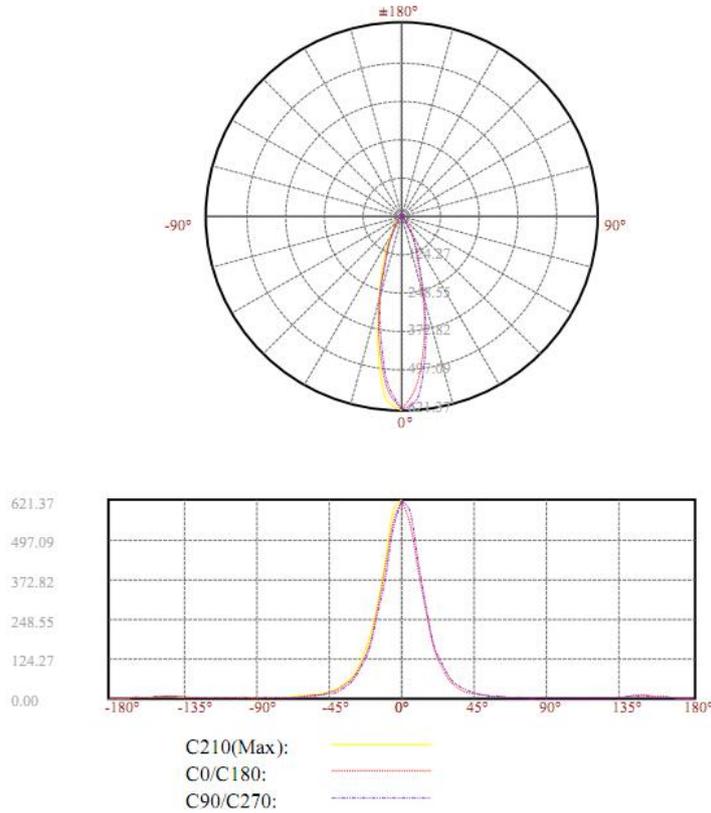
● Parameters

Parameter	Rating	Unit	Condition
Light Source	COB LED	/	/
AC	DC 12	V	
Wattage	5.0	W	
Forward Current	DC 450	mA	Ta : 25 ℃
Operating Temperature	-20 ~ +40	℃	
Storage Temperature	-40 ~ +80	℃	
Median Life Expectancy	20,000	Hours	Ta : 50 ℃
	10,000	Hours	

● Typical Electrical-optical Parameters (30 °)

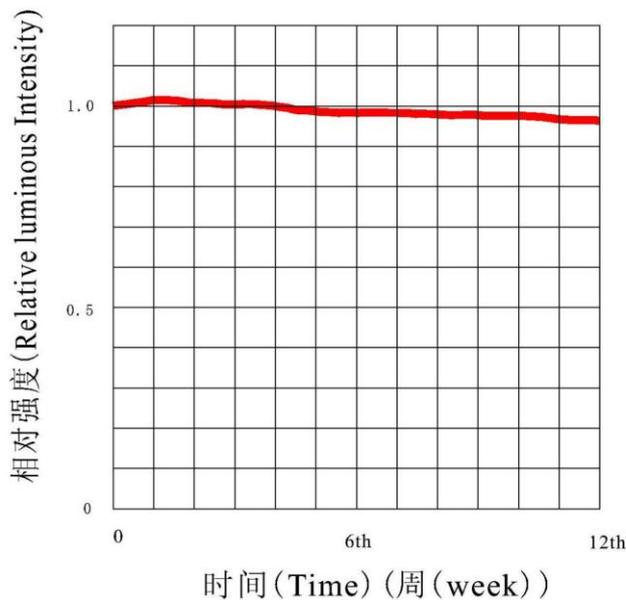
Luminous flux (lm)	Color rendering index (Ra)	AT 1m	AT 2m	AT 3m
250-300	≥80	700 LUX	180 LUX	80 LUX

● Light distribution curve (30 °)



● Attenuation Curve

发光强度随时间变化特性曲线
Luminous Intensity VS. Time





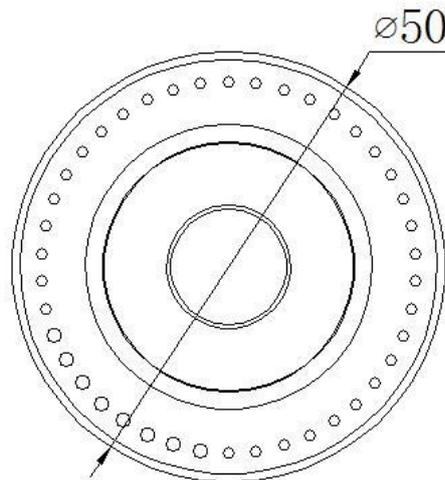
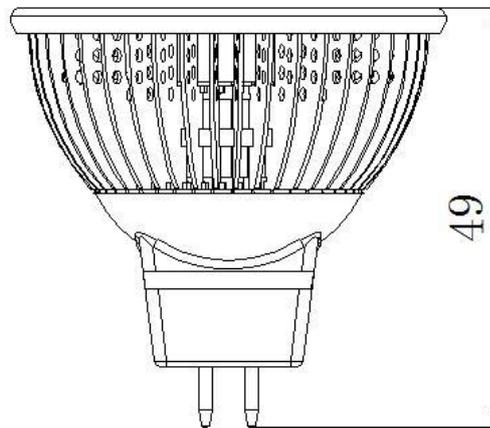
● Ordering Nomenclature

NS-MR16-G5-M (4800K-7500K), ANGLE 15/30/40/60 °

NS-MR16-G5-M (3800K-4700K), ANGLE 15/30/40/60 °

NS-MR16-G5-M (2800K-3700K), ANGLE 15/30/40/60 °

● Dimensions





● Product Picture



● Packing

MR16-BOX-A	INDIVIDUAL BOX	50×50×60mm	1/1PCS
MR16-BOX-B	INNER BOX	205×205×260mm	1/64PCS
MR16-BOX-C	EXTERNAL CARTON	660×220×275mm	1/192PCS

● Warning and Liability

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