Specification

LED SPT03 SPOT LIGHT

（GU5.3, 45°）

Series SPTMR16003XF03

Version 1.0

Date 2011/12/20

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LED SPT03 SPOT LIGHT (GU5.3 45°)

SPTMR16003WF03 SPTMR16003NF03 SPTMR16003CF03

Features

- High CRI (>75)
- Input Voltage: AC/DC 12V
- Long life span and low maintenance cost
- No ultraviolet light, infrared light and other radiation
- Most common color temperature: 3000K, 4200K, 6000K
- RoHS compliant, Mercury-free and no hazardous materials



CE RoHS

Application

- Counter
- Showcase
- Hotel
- Market
- Bar
- Restaurant
- Place of entertainment



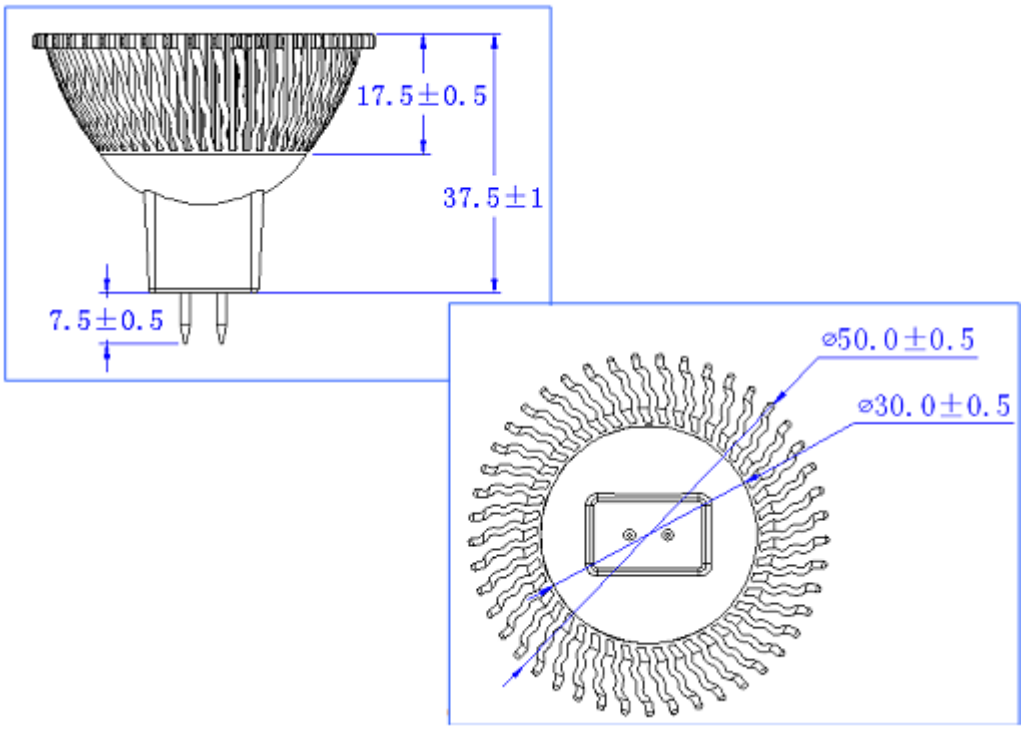
Specification

Part Number	SPTMR16003WF03	SPTMR16003NF03	SPTMR16003CF03
Input Voltage	AC/DC 12V		
Current	300mA		
Total Power	3.5W		
Power Factor	68%		
CCT	2760～3160K	3920～4600K	5450～6600K
Total Flux	150lm	200lm	210lm
CRI	80	75	75
Beam Angle	45°		
LED Type	Lumens encapsulation, 1W high power		
LED Quantity	3PCS		
Case Temperature (Ts)	54℃		
Life	40,000hr		
Working Temperature	-20～55℃		
Working Humidity	≤90%		
Storage Temperature	-40～60℃		
Material	PMMA/Alufer		
Dimension	47*D50mm		
Weight	35g		

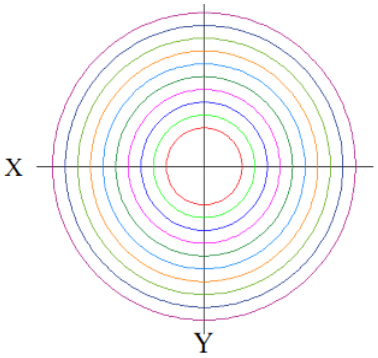
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Exterior Dimension Drawing



Illumination Distribution（X,Y-axis illumination distribution, 2 meters from the surface of the light source center and 1.2 meters within the light ring）



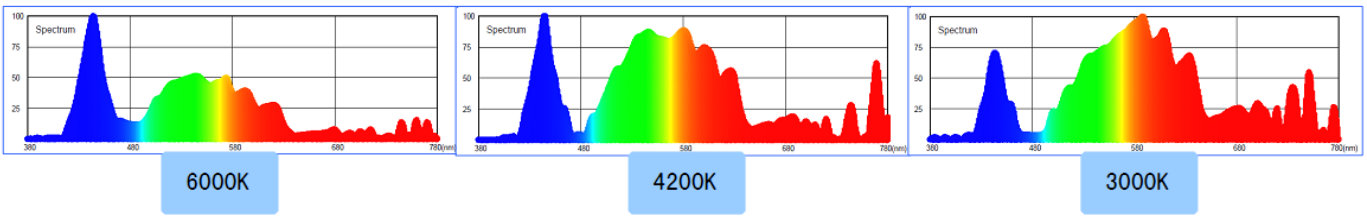
Color temp(K)	Center	300mm	400mm	500mm	600mm	700mm	800mm	900mm	1000mm	1100mm	1200mm
6000K	129.6	118.4	112.1	107.7	99.2	90.8	82.3	74.9	66.4	59.4	55.0
4200K	107.0	96.0	89.5	82.0	73.3	64.6	56.9	49.0	42.7	37.5	33.3
3000K	75.9	68.8	65.1	60.4	56.0	50.9	46.0	40.8	36.2	31.6	28.6

Unit of illuminance: LUX

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Spectral Distribution

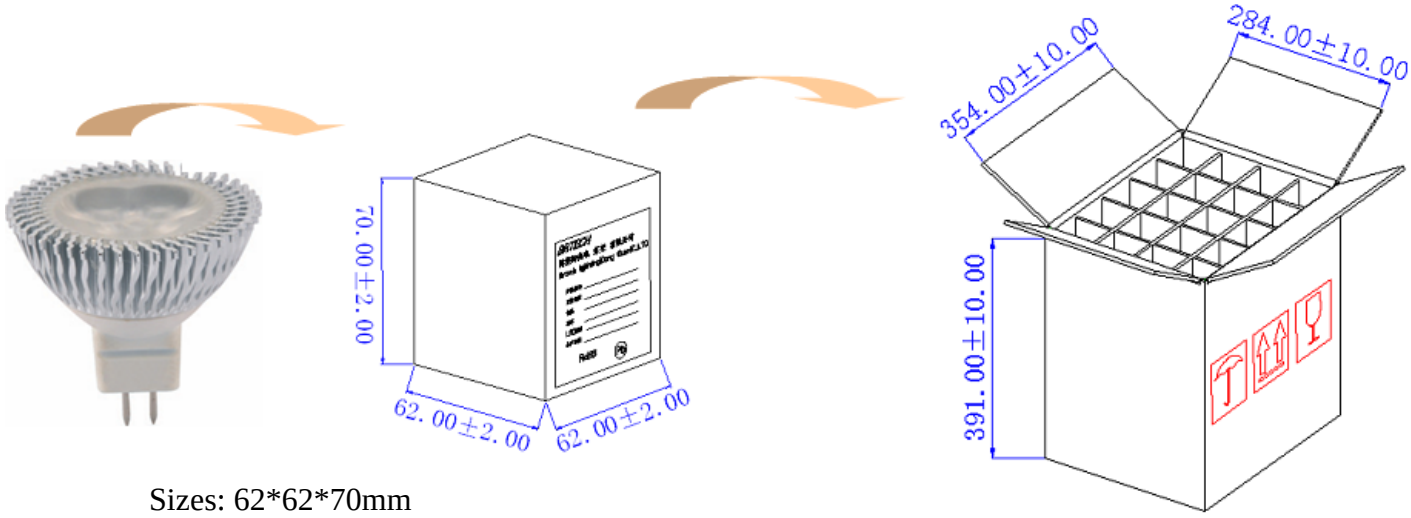


Packaging Specification

Each spot light is packed independently by carton which is labeled with the specifications.

Each layer of the master carton is separated by knives cards. A partition is used to separate each layer.

A single carton contains 100 pieces.



Sizes: 62*62*70mm

N.W.: 35g

G.W.: 45g

Sizes: 354*284*391mm

N.W.: 100 PCS

G.W.: About 6.5g

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Revision History:

Description:	Revision #	Revision Date
New Release of SPTMR16003XF03 Series	V1.0	09/23/2011
Update Format	V1.1	12/20/2011

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