

*GL-Star2 MR16 10W***Product features**

Professional LED lamp
 Very low energy consumption
 Extremely long life
 Robust against vibrations
 Mercury-free lamps
 No UV and near-IR radiation in the light beam
 Efficient generation of white light
 High color consistency

Product application

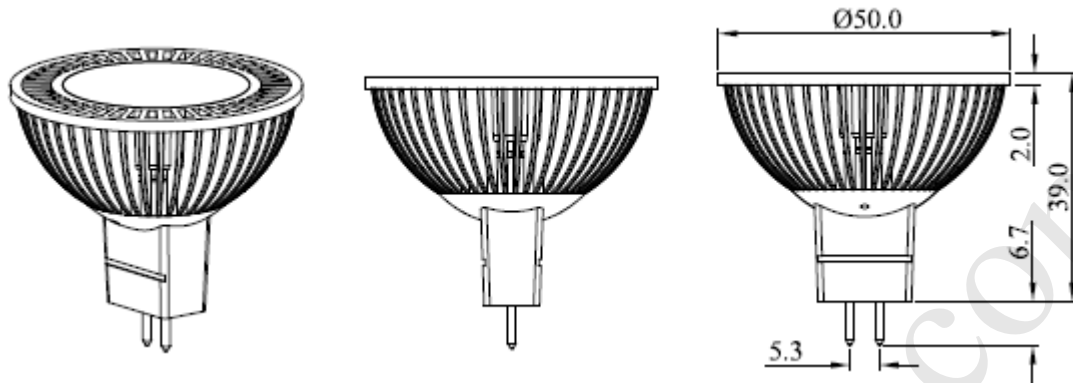
Directional light sources
 As a downlight for marking walkways, doors, stairs, etc.
 Exhibitions, department stores
 Shops
 Hotel
 Houses
 Bar
 Office
 Directly in place of 50W halogen light

**Electrical and Optical Characteristics (Ta=25 °C):**

Type No.	Input Voltage	Lumens (LM) Typ.	LED Type	CCT(K) Typ.	CRI	View Angle
GEMR16A-W21P	AC/DC 12V	680	CREE XT-E	5500	80	15°
GEMR16A-V21P	AC/DC 12V	580	CREE XT-E	3000	85	15°
GEMR16A-W22P	AC/DC 12V	680	CREE XT-E	5500	80	25°
GEMR16A-V22P	AC/DC 12V	580	CREE XT-E	3000	85	25°
GEMR16A-W23P	AC/DC 12V	680	CREE XT-E	5500	80	38°
GEMR16A-V23P	AC/DC 12V	580	CREE XT-E	3000	85	38°
GEMR16A-W24P	AC/DC 12V	680	CREE XT-E	5500	80	45°
GEMR16A-V24P	AC/DC 12V	580	CREE XT-E	3000	85	45°
GEMR16A-W26P	AC/DC 12V	680	CREE XT-E	5500	80	60°
GEMR16A-V26P	AC/DC 12V	580	CREE XT-E	3000	85	60°
GEMR16A-W27P	AC/DC 12V	680	CREE XT-E	5500	80	75°
GEMR16A-V27P	AC/DC 12V	580	CREE XT-E	3000	85	75°
GEMR16A-W29P	AC/DC 12V	680	CREE XT-E	5500	80	90°
GEMR16A-V29P	AC/DC 12V	580	CREE XT-E	3000	85	90°

GL-Star2 MR16 10W

Dimensions:



All dimensions are in millimeters

The main material: Aluminum

Surface treatment: Spray paint

Connector type: GU5.3

Weight: 45g

LED type:

Ceramic substrate

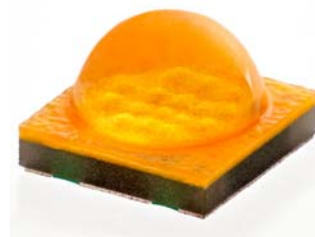
High reliability

High brightness

High luminous efficiency

High color rendering index

Very low brightness decay

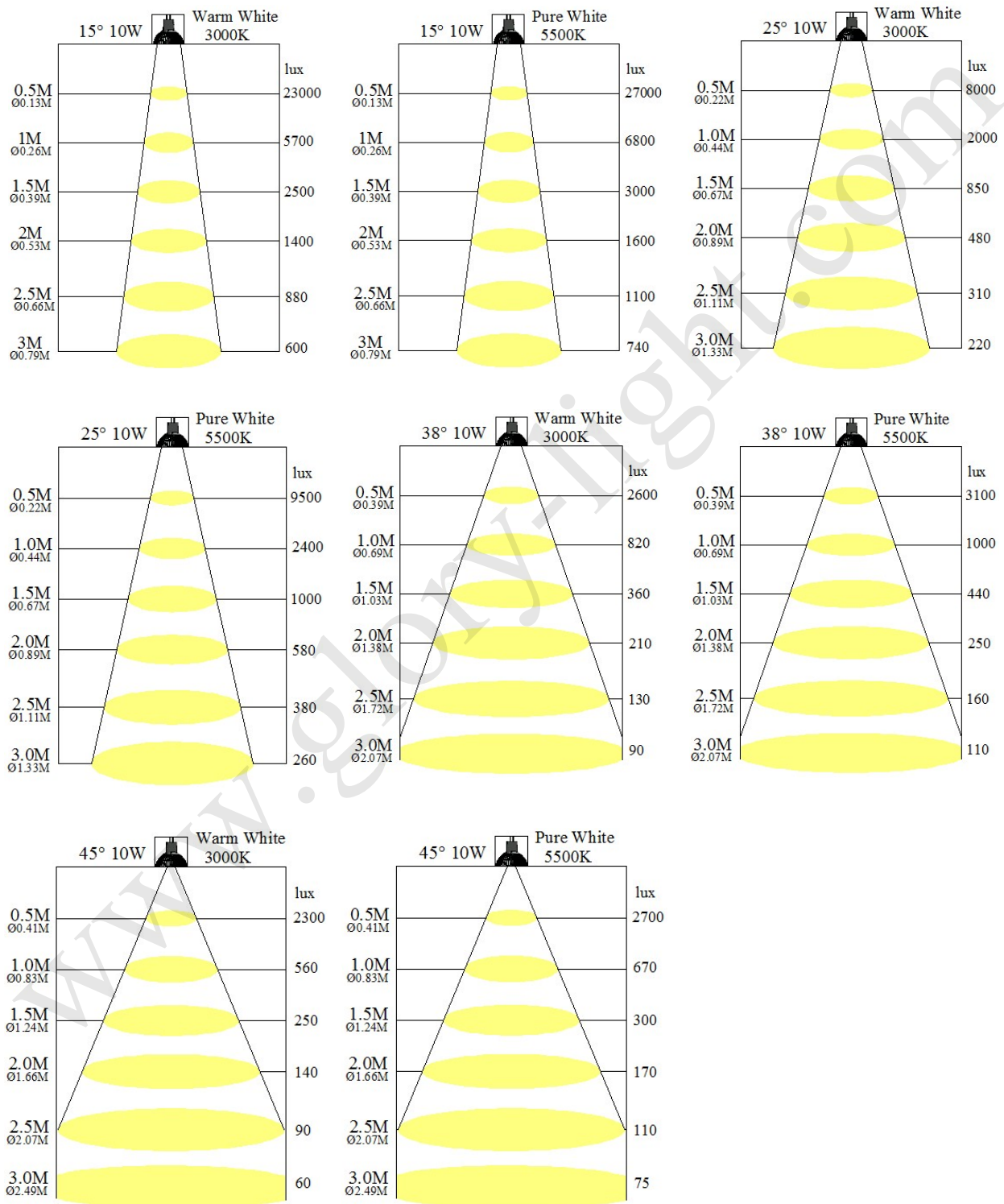
**CREE XT-E**

Absolute Maximum Ratings at Ta=25 °C:

Parameter	Symbol	Rating
Input Voltage	U	AC/DC 12 V
Power Dissipation	Pw	MAX. 10W
Operating Life	LH	50000H
Operating Temperature Range	Topr.	-40 to +45°C
Storage Temperature Range	Tstg.	-40 to +85°C
Operating Humidity(non-condensing)	%	20~90 RH
Water proof	-	IP40

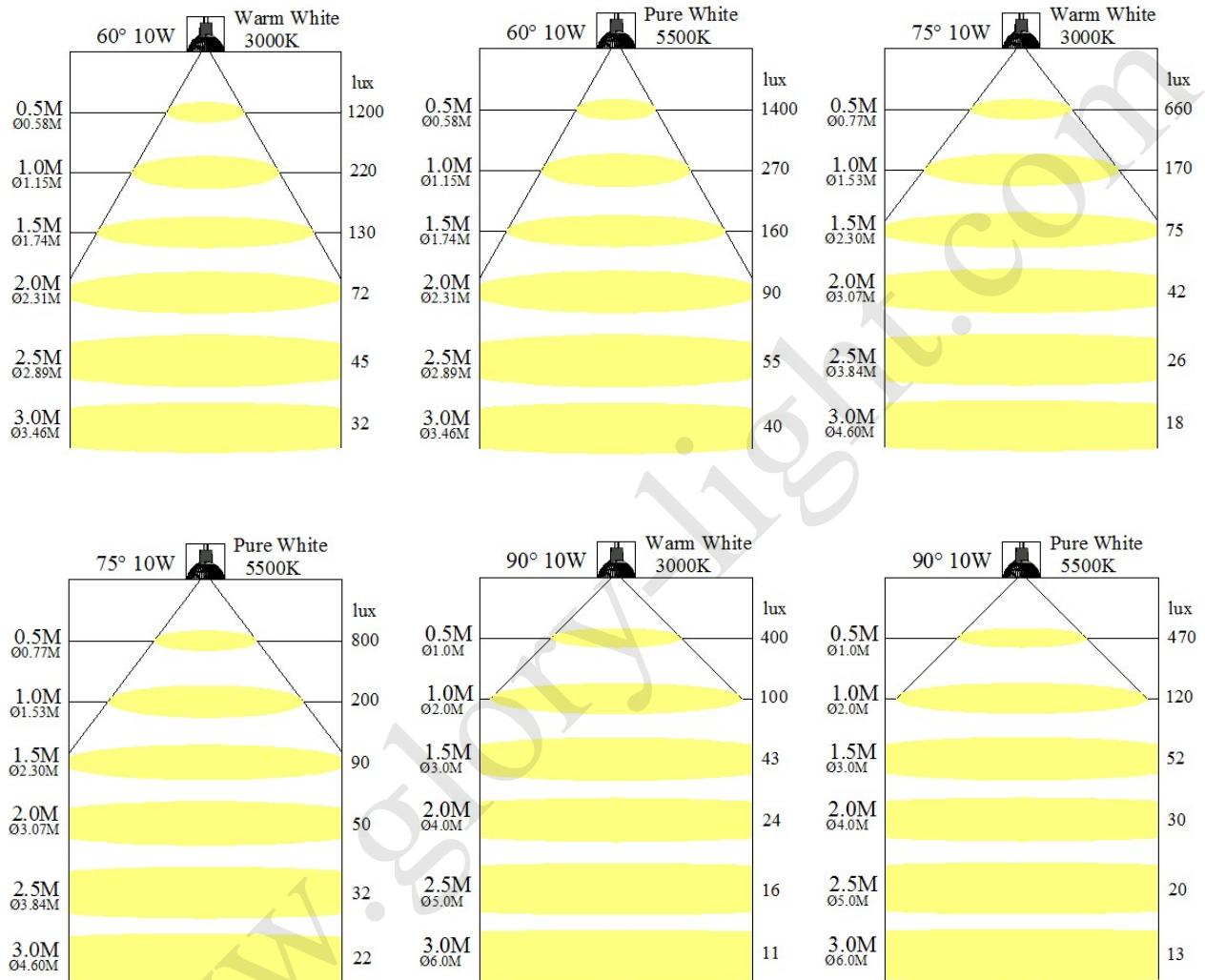
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Average Effective Illumination:



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Packing specification:

10 lamps in an Inner box, one master carton contain 20 inner boxes;

Inner Carton Size: 29.5CM x12CM x 8.5CM ; Inner Carton G.W.: 0.6KG

Master Carton Size: 50CM X 31CM X 44CM; Master Carton G.W.: 14KG

Note:

1. Operating voltage for this LED lamp is AC / DC 12V, so make sure the operating voltage suitable before connecting power supply to the spotlight, and then choose the correct power supply for it. Because incorrect connection of voltage lighting may cause permanent damage.
2. This item is semi-outdoor application product, do not use it in the places where will be showered by rain.
3. Use lamp holder matching lamp holder when it is installed .
4. The initial budget for required number of lamps should be made when it is installed overall , then calculate the total power and design the power distribution schemes according to the budgeted numbers and power consumption of a single lamp.
5. Before using, please check whether fixtures have been damaged during transport. If there is damage, immediately notify the supplier to deal with the matter. This product can only be used in good condition.
6. Lamps should be installed firmly, never loose swing.
7. In order to ensure the best using effects of the fixtures and use them safely, please follow the instructions and reminders on this specification. No compensation will be made if the damage were caused by not following this specification , the supplier is also not responsible for any problems and defects of goods.
8. Keep lamps far away from the heat source; maintain a ventilated and breathable work environment for them. When the lamps' work environment temperature is kept below 25 °C, its life will be longer.
9. Lamps shall not be disassemble by oneself.