

5W LED MR16

Designer	Checker	Approval

Version: 1.0
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5W LED MR16

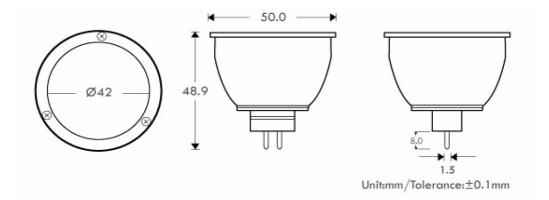


Absolute Maximum Ratings

Parameter	Symbol	Rating	Units
LED Junction Temperature	T_{j}	125	${\mathbb C}$
Plastic Housing Temperature	Tc	85	${\mathbb C}$
Operating Temperature	T_{opr}	-30 ~ +40	${\mathbb C}$
Storage Temperature	T _{stg}	-40 ~ +60	${\mathbb C}$
Input Voltage root-mean-square	Vrms	10~15	V
Heat Sink Temperature	Th	85	${\mathfrak C}$

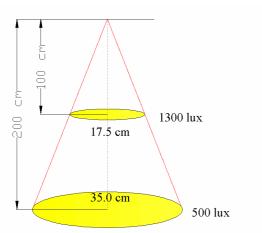
Specification

Power consumption	Part Name	Color	Cone Beam Angle	Lux@ 1m
5W	EL16-51W3	White	10°	1300
	EL16-51X3	Warm White	10°	900
	EL16-52W3	White	38°	750
	EL16-52X3	Warm White	38°	450

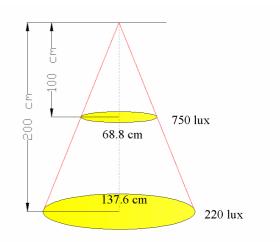




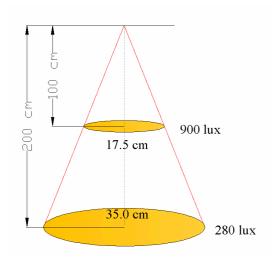
6500 K 10°



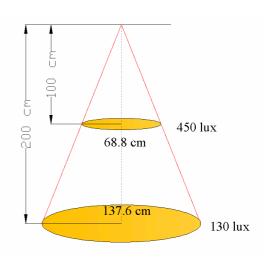
6500 K 38°



3000 K 10°



 $3000 \mathrm{\ K}\ 38^{\circ}$



Tolerance: +/- 50 lux





Dimensions:55(width)x60(length)x65(height) mm

Weight: 83g



Dimensions:120(width)x330(length)x72(height) mm

Weight: 940g



Note:

- 1. Do not connect more than one LED MR16 to a transformer.
- 2. Make sure the transformer's output voltage-Vrms do not exceed 15V as this will damage the LED MR16 built-in circuitry.
- 3. Do not use this product with ambient temperature over 40 \mathcal{C} .
- 4. This product should only be used in a well ventilated condition. Do not install this product within an airtight lighting fixture.
- 5. Some electronic transformers may cause flickering phenomenon due to insufficient electronic power supply.
- 6. Indoor use only

