

# LED LIGHT SPECIFICATION

## ML-TH09-E02



### 1. INSTALLATION

*Please pay more attention to the below instructions while installation, in order to avoid any possible Fire Hazard, Electric Shock or Personal harm.*

1. Make sure the usage environment meet the formulary condition, only used in dry environment.
2. Cut off electricity before installation.
3. Estimate the quantity of lights, count the total power and design the distribution scheme.
4. Press snap spring to radiator direction, put it into the hole, and then loosen the snap spring.
5. Don't touch surface of the light after lighting.
6. Avoid frequently turn on/off to protect the light.
7. Please do not block any objects on the lamp (distance scale within 70mm), which will definitely affect heat emission while lamp's working.
8. Please double check before getting electricity on if wiring is 100% OK, make sure Voltage for lamp is right and no Short-Circuit.

### 2. MAINTENANCE INSTRUCTION

1. Make sure the power is cut off before maintenance activities.
2. Regular cleaning of diffusion cover to make the light has excellent light-admitting quality.
3. Regular cleaning of light housing and radiator to make the light has good heat dissipating property.
4. Don't use water or caustic liquor to clean, dry dishcloth is the best.
5. Un-professional people are forbidden to dismantle and maintain.

### 3. WARRANTY & AFTER-SERVICE

Warranty Period: 3 years.

Quality warranty is based on correct storage, installation, usage and maintenance under normal using conditions. Below case would be beyond the warranty range: Damage by installation, usage, broke the rules of operation. We will repair or change a new one if the quality is broken under warranty; If the product exceeds the warranty period, we will charge for material and labor cost.

### 4. DIMENSION

Diameter	Height	Cutout	Net Weight	Remark
188mm	85mm	105-110mm	0.27kg	Outside Driver

### 5. PRODUCT DATASHEET

Type	Product :	<b>Recessed LED Downlight</b>
	Model No. :	<b>ML-TH09-E02</b>
Electronical	Input Voltage :	<b>AC85-265V</b>
	Power :	<b>18 W</b>
Optical	Cover Material :	<b>PC (diffuse)</b>
	Beam Angle :	<b>110°</b>
	LED Quantity :	<b>90 pcs</b>
	LED Package :	<b>SMD 2835</b>
	Luminous Efficiency :	<b>≥80</b>
	Color Temperature :	<b>WW 4000-4500K</b>
Lamp Structure	Color Render Index :	<b>≥80</b>
	Housing Material :	<b>Metal+PC cover</b>
	Diameter :	<b>Φ188mm</b>
Others	Installation Hole :	<b>Hole Cut Φ105-110mm</b>
	Installation Type :	<b>Recessed Type</b>
	Application :	<b>Hotels, Supermarkets, Hospital, Aisles, Metro Station, Restaurants, Offices etc. (with dry indoor)</b>
	Ambient Humidity :	<b>10%~90%R.H.</b>
	Ambient Temperature :	<b>-20°C~+45°C</b>
Storage Temperature :	<b>-20°C~50°C</b>	
Housing Temperature (working) :	<b>&lt;60°C (Ta=25°C)</b>	
Lifespan :	<b>50000H</b>	