



### Features:

- No UV or IR light radiation.
- Provide 45° beam angles.
- Very Low Power Consumption:  
Less than 10Watts
- Long lifetime: 25000 hours (L<sub>70</sub>).
- Sturdy Construction:  
UV Stabilized PMMA Lens and Aluminium alloy Lamp Shell.
- High CRI: 75-85
- Correlated Color Temperature: 2700-12000K
- Operating temperature: -20°C~+60°C.
- 180~240V AC input.

### Benefits

- Energy Cost Savings:  
Over 60% Compared to Incandescent.
- Solid-State:  
High-Shock & High-Vibration Resistant,  
Both Electrical and Mechanical
- Eco-Friendly:  
No Mercury, No Lead Content
- No Hazardous Emissions:  
No UV or IR Radiation
- Constant Light Output:  
Even Lighting, Non-Halation

### Application:

- Mall center Lighting
- Corridor Lighting
- Furniture Lighting
- Hotel Lighting
- Other Lighting

### Product Specifications:

Lens	PMMA
Lamp Shell	Aluminium alloy
Input Voltage	180~240V AC
Hole Diameter	∅ 102mm
Wattage	10W
Power Factor	PF ≥ 0.85
Operating frequency	50-60Hz
Operating Temperature	-20°C ∽ +60°C
Storage Temperature	-30°C ∽ +70°C
Net Weight per piece (Kg)	0.515Kg
Certification	CE Approved; RoHS Compliant

### Product Selection Guide:

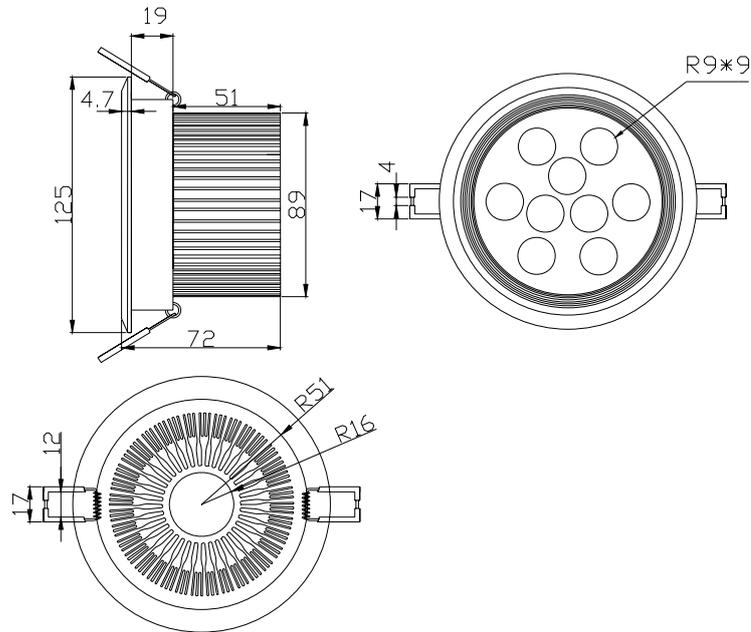
Product	Beam Angle	Total Lumens	CCT	Color	CRI
CL-HWW1W9A	45	706 ± 5%	2900-3300K	Warm White	≥ 80
CL-HW1W9A	45	795 ± 5%	5500-6500K	White	≥ 75

## CL-/H/XX/1W/9/A

①      ②      ③      ④      ⑤      ⑥

- ① CL: Ceiling light
- ② H: High Power LED Type
- ③ XX: W(White Color)    WW( Warm White)
- ④ 1W: The single LED power is 1W
- ⑤ 9: 9 pcs of LED
- ⑥ A: AC 240V

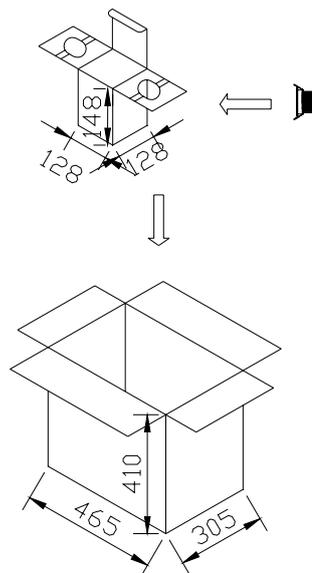
### Product Dimensions:



#### NOTES:

1. All dimensions unit in mm
2. Tolerances is  $\pm 0.5$ mm unless otherwise noted.

### Package Dimension



**Small carton**  
128L\*128W\*148Hmm  
(5.04"L\*5.04"W\*5.83"H)  
1pcs Ceiling Light inside

**Big carton**  
465L\*305W\*410Hmm  
(18.31"L\*12.01"W\*16.14"H)  
20pcs Ceiling Light inside

### Installation Instructions and Warnings:

- Turn off power before inspection, installation, or removal.
- Not for use where exposed to the weather
- Do not use in totally enclosed fixtures.
- Not for use with dimmers.