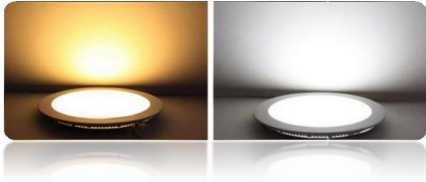


## ROUND RECESSED LED PANEL LIGHTS SPECIFICATION

**DC  
12V****DC  
24V**

### GENERAL DESCRIPTION:

Our Led panel lights are adopted by aerometer shell with simple and fashionable design. Different sprayed colors available for your choice; It takes high brightness led lamp, side-emitting design, ultra thin height; Use constant current driver, No flicker, no glare, soft and even light; High light efficiency, low power consumption, save much energy, reach up to 50,000 hrs lifespan, easily embedded installation

### MAIN FEATUERS:

- ✧ High efficiency & energy saving. Under the condition of the same illumination, it saves more than 67% energy compared with the traditional lamp.
- ✧ Long life span, using semiconductor chip as the light resource, the life can be over 50,000hrs.
- ✧ No UV & IR . It won't distribute ray radiation.
- ✧ Eco-friendly, No Hg & Xe , or other harmful element. Recyclable, also it won't generate EMI.
- ✧ High performance external constant current drivers, no stroboscopic, good for eyesight protection;

### APPLICATIONS:

Commercial Lighting  
Residential Lighting  
Office, Living Room Meeting Room,

Lobby, Hotel, Bank,  
Super Market, Shopping Mall,

#### TECHNICAL PARAMETERS:



Model	3001	3010
Power	6 Watt	12 Watt
Product Size	Ø 115*12mm Cutout Size: Φ96mm	Ø 180*12mm Cutout Size: Φ160mm
Input Voltage	DC 12V	DC 12V
Frequency	50/60Hz	50/60Hz
LED Quantity (pcs)	33pcs 2835 SMD	66pcs 2835 SMD
Lumen Output	600±50LM	1200±50LM
Color Temperature	2800-3300K 4000-4500K 6000-6500K	2800-3300K 4000-4500K 6000-6500K
Color Rendering Index	Ra≥80	Ra≥80
Power Factor(Typ)	PF>0.90	PF>0.90
Efficiency(Typ)	η >0.85	η >0.85
Beam Angle	120°	120°
Protection Class	IP20	IP20
Operating Temperature	-25~60 °C	-25~60 °C
Storage Temperature	-40~80 °C	-40~80 °C
Lumen Maintenance	>85% (5000Hrs)	>85% (5000Hrs)
Lifespan	50000Hrs	50000Hrs
Application Class	Class II	Class II
Certificate	ETL CE, RoHS	ETL, CE, RoHS

**NOTICE:** Light optic with a little deviation for different color temperature of LED, deviation value ≤5%



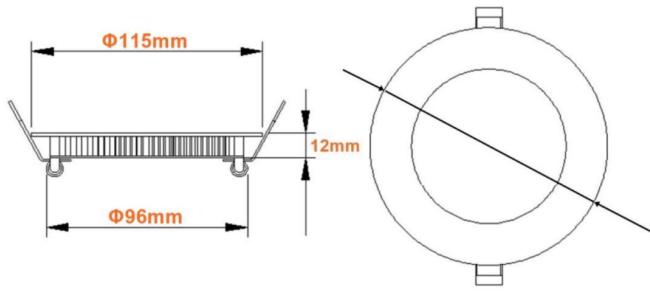


Model	3020	3030
Power	18 Watt	24 Watt
Product Size	Ø 240*12mm Cutout Size:Φ220mm	Ø 300*12mm Cutout Size:Φ280mm
Input Voltage	DC 12V	DC 24V
Frequency	50/60Hz	50/60Hz
LED Quantity (pcs)	93pcs 2835 SMD	120pcs 2835 SMD
Lumen Output	1800±50LM	2500±50LM
Color Temperature	2800-3300K 4000-4500K 6000-6500K	2800-3300K 4000-4500K 6000-6500K
Color Rendering Index	Ra≥80	Ra≥80
Power Factor(Typ)	PF>0.90	PF>0.90
Efficiency(Typ)	η >0.85	η >0.85
Beam Angle	120°	120°
Protection Class	IP20	IP20
Operating Temperature	-25~60 °C	-25~60 °C
Storage Temperature	-40~80 °C	-40~80 °C
Lumen Maintenance	>85% (5000Hrs)	>85% (5000Hrs)
Lifespan	50000Hrs	50000Hrs
Application Class	Class II	Class II
Certificate	ETL, CE, RoHS	ETL, CE, RoHS

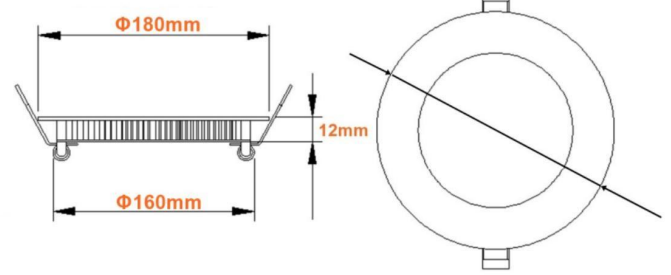
**NOTICE:** Light optic with a little deviation for different color temperature of LED, deviation value≤5%

Product Dimensions:

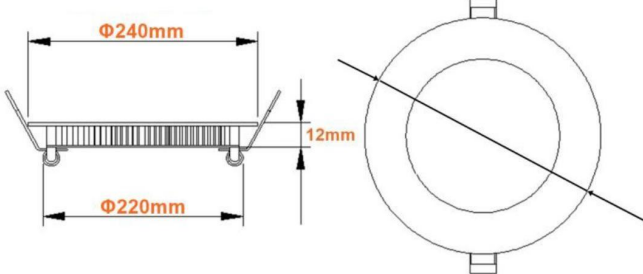
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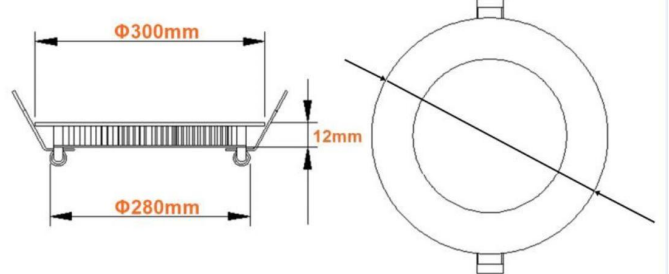
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Item :3020



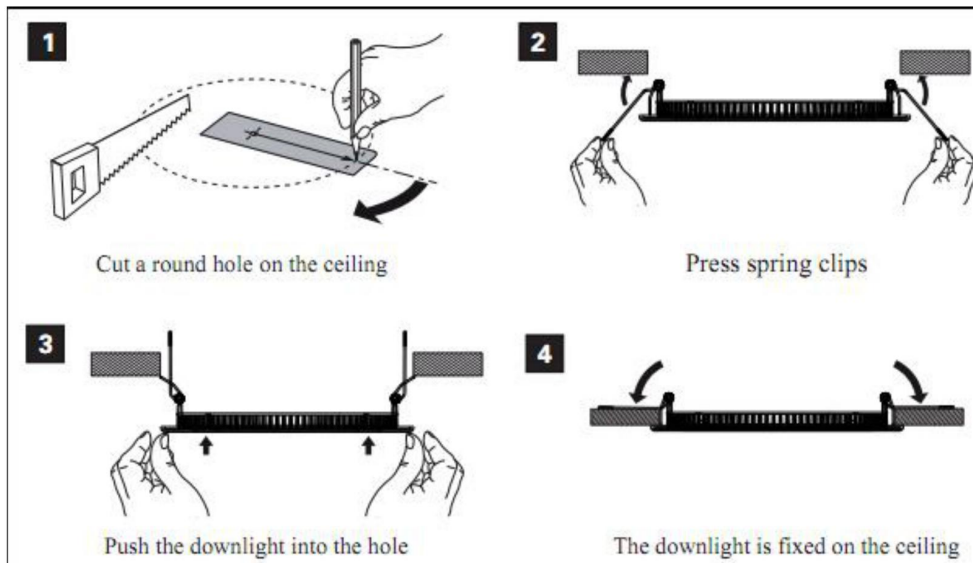
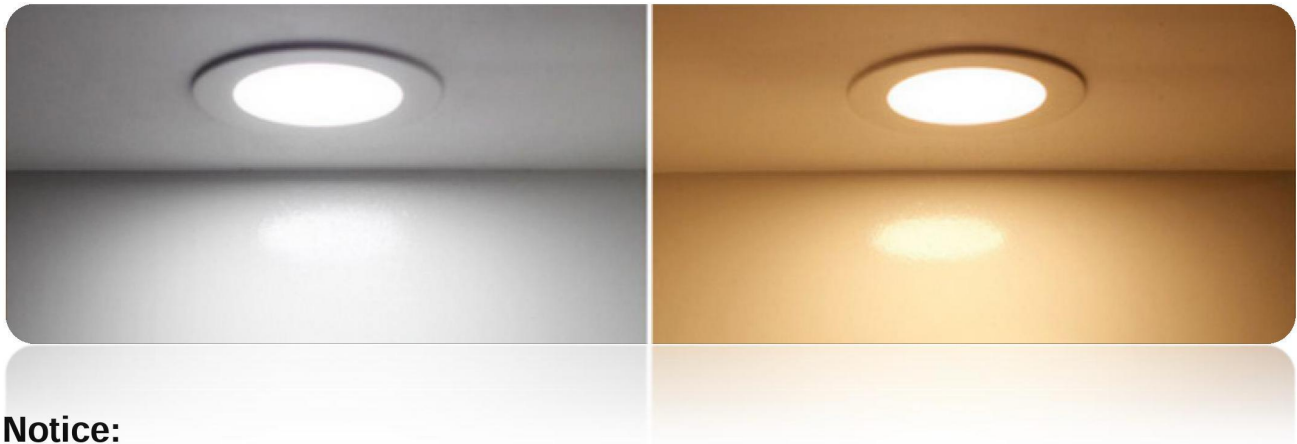
Item :3020



### Packing Details:

Model	Inner Box Size (L*W*H)	Carton Size (L*W*H)	Product Q'ty/Carton	G.W.	N.W
3001	140x32x169mm	350*300*358mm	40PCS	11.5Kg	17.5Kg
3010	190x32x220mm	460*350*400mm	40PCS	14Kg	19.5Kg
3020	243x32x273mm	506*350*288mm	20PCS	12Kg	17.5Kg
3030	320x32x290mm	548*350*305mm	20PCS	13.5Kg	19.5Kg

### INSTALLATION INSTRUCTION:

**APPLICATION:****Notice:**

Input voltage DC 12V or 24V

Indoor use only and don't used in high temperature place.

When the temperature is too high, Over-temperature control circuitry activates, Output will be cut off, and the lamp will light off for a few minutes, After lowering temperature will be back to normal.

