

# PRODUCT DATASHEET

## DOWNLIGHTS | PENDANT & SURFACE MOUNTED

Downlights | Pendant & Surface mounted spotlight | 12w | Round shape

Code# CR05010-12



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### Areas of Application

- Club
- Cinema
- Gallery
- Hotel
- Shops
- Living room, restaurant, residential interiors

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### Product Features

- High luminous efficacy, high CRI
- Energy savings of up to 90% compared to halogen lamp spotlights
- CCT optional and dimmable
- Die-cast aluminum housing, ensure excellent heat dissipation
- Uniform light output and good consistency
- Deep anti-glare, without flicker
- Easy and quick installation
- 350° rotary adjustment, 90° vertical adjustment

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## Complete Product Data

<b>Code#</b>	CR05009-12
<b>Wattage</b>	12w
<b>Installation Type</b>	Pendant/ Surface
<b>Dimension</b>	φ72mm*108mm
<b>Cutout</b>	/
<b>IP Rating</b>	IP20
<b>Luminous Flux</b>	960lm
<b>Beam Angle</b>	15°, 24°, 36°, 55°
<b>Working Temperature</b>	-25°C ~55°C
<b>Certificates</b>	/
<b>Warranty</b>	3 Years
<b>Packing Size</b>	/

## Driver Data

<b>Driver Brand</b>	Tridonic, Osram, Philips, Lifud, Euchips, Eaglerise, etc.
<b>Input Voltage</b>	100-250VAC 50/60hz
<b>Output Voltage</b>	30-42Vdc
<b>Output Current</b>	300mA
<b>Power Factor</b>	>0.5 as standard; >0.9 optional
<b>Efficiently</b>	87% @230v
<b>IP Rating</b>	IP20
<b>Dimmable</b>	Non-Dimmable/Triac/0-10v/Dali Optional
<b>Free Flicker</b>	Yes
<b>Certificates</b>	CE, CB, CCC, ENEC
<b>Warranty</b>	3/5 Years

## Material&Housing Data

<b>Housing Color</b>	White/ Black
<b>Reflector Color</b>	Glossy black/ Glossy silve/ White/ Rose golden
<b>Housing Material</b>	Aluminum

## Photometric Data

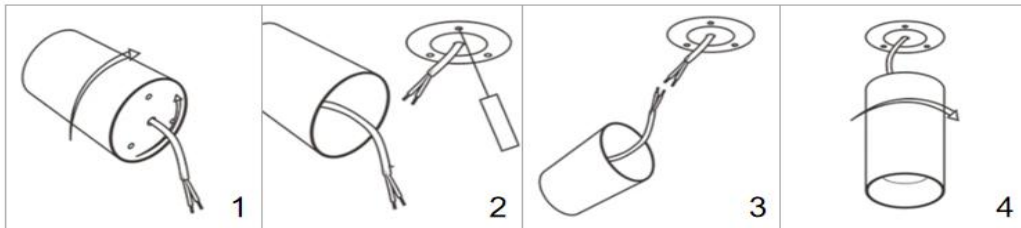
<b>LED chip brand</b>	Cree/ Osram /Bridgelux/ Epistar etc.
<b>Chip Type</b>	COB
<b>Color Temperature</b>	2700K, 3000K, 4000K, 5000K, 6000K
<b>CRI</b>	>80
<b>Life time</b>	>50000Hrs
<b>Lumens efficacy</b>	100-120lm/w

## Dimensions&Installation



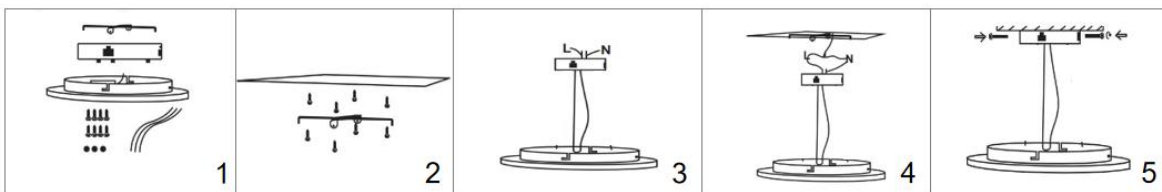
**PLEASE FIND A QUALIFIED ELECTRICIAN FOR INSTALLATION.** Please read the instructions before you install and use the downlight.

### Method A: Surface Mounted



1. Make sure the power is turned off in which you are installing the products.
2. Rotate the lamp body clockwise, rotate the base to separate from the lamp body anticlockwise. (Fig 1)
3. Fix the base with the screwdriver. (Fig 2)
4. Connect the input terminal to the main power supply. (Fig 3)
5. Rotate the housing base with the pedestal anticlockwise for fixation. (Fig 4)
6. Restore power at the source and the installation is complete.

### Method B: Pendant Mounted



1. Make sure the power is turned off in which you are installing the products.
2. Prepare the accessories for suspended installation. (Fig 1)
3. Install the bracket on the ceiling. (Fig 2)
4. Install a suspension wire on the lamp body. (Fig 3)
5. Connect the electronic cable L & N from indoor with the terminal on the lamps and connect the suspension wire to the bracket (while there is grounding wire, same methods). (Fig 4)
6. Fix the entire base with screws, restore power at the source and the installation is complete. (Fig 5)