

# PRODUCT DATASHEET

## DOWNLIGHTS | SPOTLIGHTS-ROUND

Downlights | Recessed mounted spotlight | 12w | Round shape

Code# RS05029-12



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### Areas of Application

- Shops
- Office
- Villa
- Exhibition hall
- Corridors, stairways, entrance areas
- Galleries, museums, residential interiors

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### Product Features

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

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## Complete Product Data

|                            |                    |
|----------------------------|--------------------|
| <b>Code#</b>               | RS05029-12         |
| <b>Wattage</b>             | 12w                |
| <b>Installation Type</b>   | Recessed           |
| <b>Dimension</b>           | φ90mm*H65mm        |
| <b>Cutout</b>              | φ75-80mm           |
| <b>IP Rating</b>           | IP20               |
| <b>Luminous Flux</b>       | 960lm              |
| <b>Beam Angle</b>          | 15°, 24°, 36°, 60° |
| <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   |

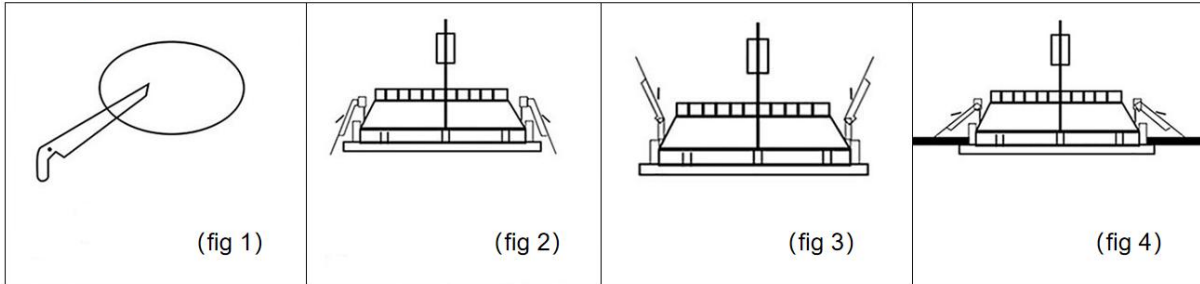
## Material&Housing Data

|                         |   |
|-------------------------|---|
| <b>Housing Color</b>    | White/ Black  |
| <b>Reflector Color</b>  | Black/ White/ Matt silver/ Matt black/ Glossy Black/ Glossy silver/ Champagne gold/ Rose gold |
| <b>Housing Material</b> | Die-casting 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, >90                             |
| <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.

1. Make sure the power is turned off in which you are installing the products.
2. Measure the ceiling opening to make sure the edge of the downlight will cover the entire hole and still sit firmly in the ceiling before proceeding. (Fig 1)
3. Connect the wires to the wiring terminals of the lighting fixtures. (Fig 2)
4. Squeeze the two housing clips so they are in an upright position and insert lamp into housing. (Fig 3)
5. Once lamp is inside the housing, release the housing clips and continue pushing lamp into housing until securely fixed and flush with ceiling. (Fig 4)
6. Restore power at the source and the installation is complete.