

PRODUCT DATASHEET

DOWNLIGHTS | SPOTLIGHTS-ROUND

Downlights | Recessed mounted spotlight | 20w | Round shape | IP54 IP20 Optional | Anti-Glare
Code# RD05002-20



Areas of Application

- Bathroom, washroom, kitchen
- Outdoor aisle, Corridor
- Bars, restaurants
- Office Room
- Shops
- stairways, entrance areas
- Galleries

Product Features

- High luminous efficacy
- IP54
- Die-cast aluminum housing, ensure excellent heat dissipation
- Uniform light output and good consistency
- CCT optional and dimmable
- CRI>90
- Easy and quick installation
- Anti-glare, 4 colors selectable for reflector
- 3 years warranty

Complete Product Data

Code#	RD05002-20
Wattage	20w
Installation Type	Recessed
Dimension	φ140mm*H75mm
Cutout	φ120-125mm
IP Rating	IP20/IP54
Luminous Flux	1700lm
Beam Angle	15°, 24°, 36°, 60°
Working Temperature	-25°C~55°C
Certificates	/
Warranty	3 Years
Packing Size	/


Driver Data

Driver Brand	Tridonic, Osram, Philips, Lifud, Euchips, Eaglerise, etc.
Input Voltage	100-250VAC 50/60hz
Output Voltage	27-42Vdc
Output Current	500mA
Power Factor	>0.5 as standard; >0.9 optional
Efficiently	85% @230v
IP Rating	IP20
Dimmable	Non-Dimmable/Triac/0-10v/Dali Optional
Free Flicker	Yes
Certificates	CE, CB, CCC, ENEC
Warranty	3/5 Years

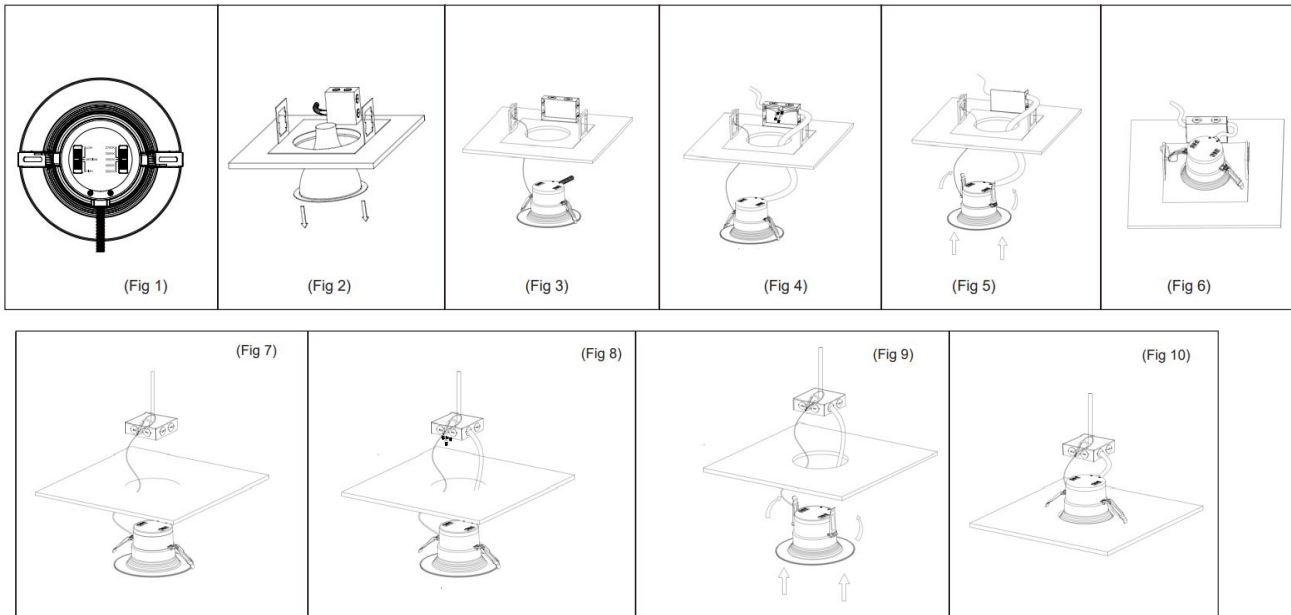
Material&Housing Data

Housing Color	Gray
Housing Material	Die-casting Aluminum
Reflector Color	Glossy Black/White/Glossy Silver/Rose Gold

Photometric Data

LED chip brand	Cree/ Osram /Bridgelux/ Epistar etc.
Chip Type	COB
Color Temperature	2700K, 3000K, 4000K, 5000K, 6000K, 6500K 
CRI	>80, >90
Life time	>50000Hrs
Lumens efficacy	110-120lm/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. If existing lamp and trim are present, remove from ceiling or move it out of the way as it will not be needed during installation. 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 2)
3. Insert lamp conduit into the box and wire to power source (black to hot, white to neutral) (Fig. 4).
4. Squeeze the two housing clips so they are in an upright position and insert lamp into housing. (Fig 5)
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 6)
6. Restore power at the source and the installation is complete.