

Please read instructions before commencing installation and retain for future reference.

### Specification:

Die cast aluminium downlight for MR16 12V lamps with twist-off bezel, double contact lampholder, stirrup bracket with enclosed terminal block.

Protection against electric shock: Class III Safety Extra Low Voltage (from appropriate 12V transformer)

Lamp type: MR16 12V Max. 50W

Dimensions:	Cut-out	Overall Diameter	Depth	Lamp retention
RD101P	Ø70~73mm	Ø80mm	100mm	Twist & lock bezel
RD101SCMP	Ø70~73mm	Ø80mm	100mm	Twist & lock bezel

Temperature range:  $-20^{\circ}\text{C} < t_a < 40^{\circ}\text{C}$

Supply: 12V (from safety extra low voltage transformer).

Ingress Protection: IP20

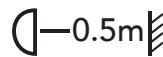


Luminaire designed to be used only with self-shielded tungsten halogen lamps or self-shielded metal halide lamps



Luminaires and transformer not suitable for covering with thermally insulating material

Suitable for mounting on normally flammable surface



Minimum distance from illuminated object is 0.5 metres

Complies with BS EN60598, BS5250, BS476 Parts 20, 21 & 23

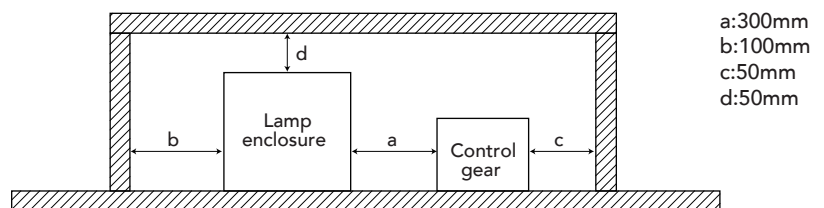
### Installation:

!Electrical products can cause death or injury, or damage to property. This product must be installed only by a competent electrician.

- 1 Ensure mains supply is switched off before commencing work.
- 2 Mark ceiling with appropriate cut-out size.
- 3 Before cutting, ensure that the hole does not impinge on joists, pipe work, cables or other building services.
- 4 Ensure there is at least 100mm of free space around and 50mm above the luminaire. Do not cover the luminaire with thermal insulation. Place transformer 300mm from luminaire to avoid overheating.
- 5 Connect transformer output to fitting terminals (polarity is unimportant). Do Not Earth!
- 6 Offer luminaire up to cut-out with the springs being held vertically. The luminaire is retained in position by the spring tension against the ceiling.
- 7 Lamp installation and replacement:

!Ensure mains supply is off. !When operating the luminaire is too hot to touch. Switch off and allow to cool before undertaking any maintenance work.

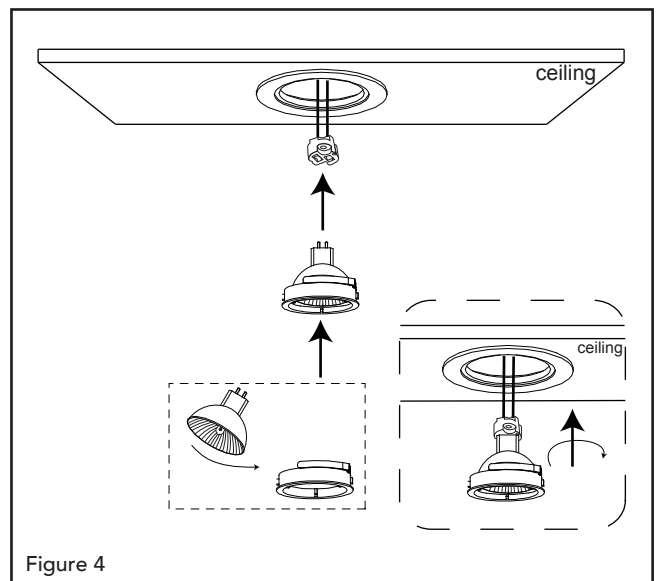
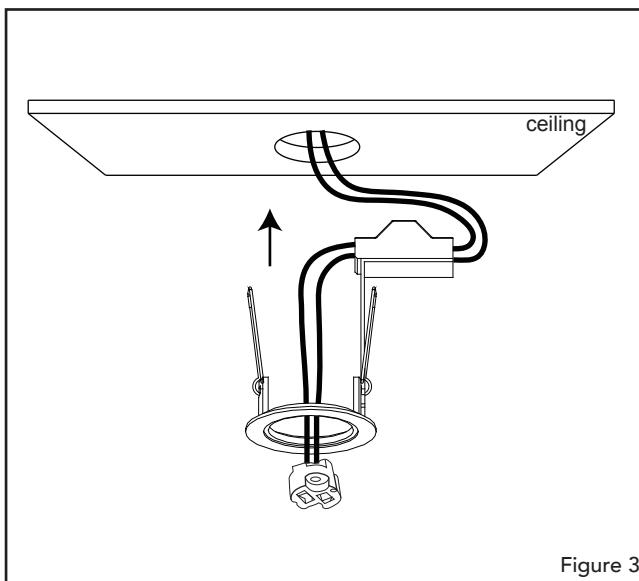
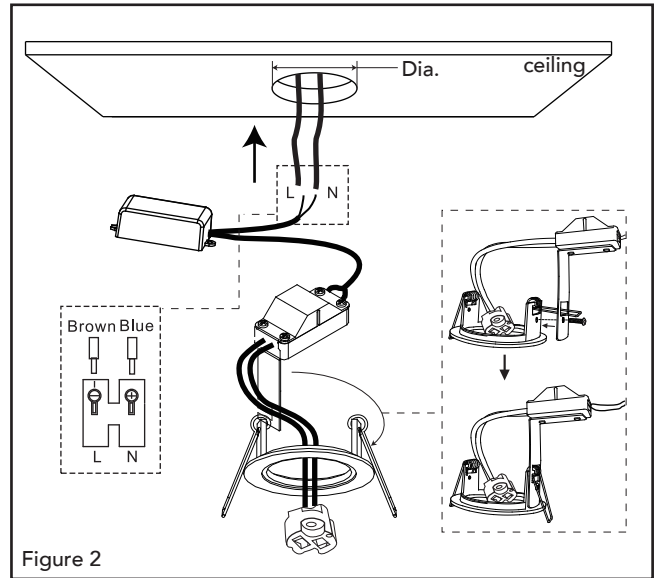
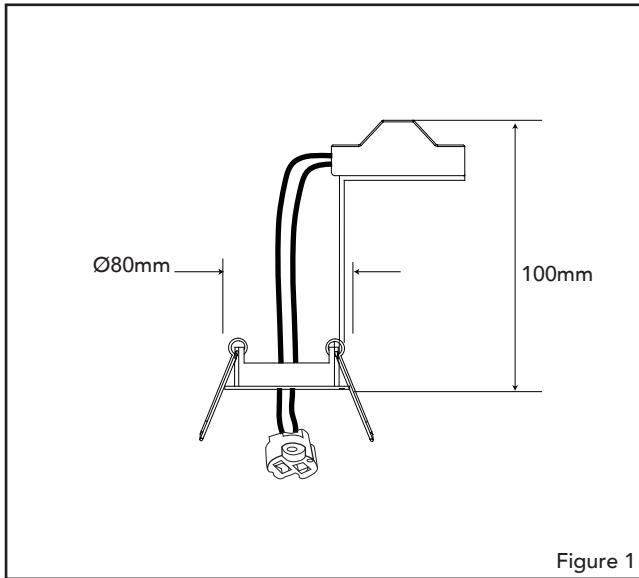
RD101P & R101SCMP: twist bezel inner ring anticlockwise to unlock, unclip the lamp from the retaining spring at the back of the ring, hold lamp holder firmly and rotate lamp 1/8 turn anti-clockwise to remove, clockwise to insert.



**The Installation must be carried out by an electrician**



Installation diagram:



The Installation must be carried out by an electrician

