ROBUS MR16 Low Voltage Fire Rated Recessed fittings

RF101 12V fire rated downlight, straight
RF108 12V fire rated downlight, directional

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

Specification:

Recessed directional downlights with pressed steel body and die cast aluminium front bezel with intumescent seals to give 90mins fire protection rating in an appropriate 90min rated ceiling

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

Lamp type: MR16 Max. 50W

Dimensions:	Cut-out	Overall Diameter	Depth	Lamp retention
RF101	73mm	80mm	135mm	Twist & lock bezel
RF108	86mm	97mm	140mm	Twist & lock bezel

Temperature range: -20°C < ta < 40°C

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

Ingress Protection: 20

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. If in any doubt about the installation or use of this product, consult a competent electrician.

1. Ensure mains supply is switched off
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 lamp holder leads
6. Fit springs in position on luminaire that is appropriate to the ceiling thickness and offer luminaire up to cut-out with the longer leg of each spring being held vertically. The luminaire is retained in position by the spring tension between the short and the long leg of each spring 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 ant maintenance work.
   RF101 & RF108: 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 remove lamp. Replace lamp in lampholder and clip, twist bezel inner ring clockwise to lock.

• The installation must be carried out by an electrician. •

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