

Ricoman Product Data

Warranty	5 years
Applications	Interior
Certification(s)	UKCA, CE, RoHS

Physical Data

Colour Finish	White as standard Chrome Brushed Chrome Black optional
Luminaire Fixing	Recessed
Construction Material	Polycarbonate
Diffuser Type	TP(a) rated
Unit Weight	(kg) 0.20

Electrical Data

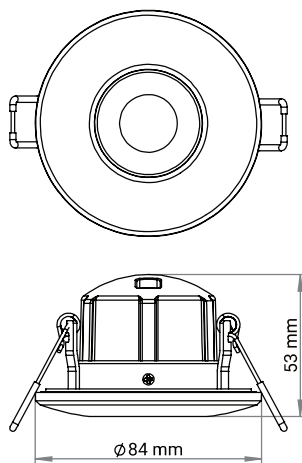
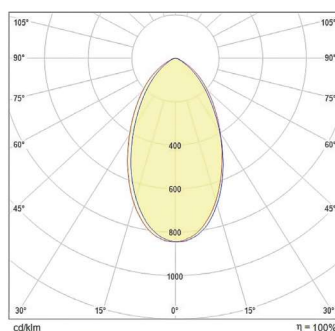
Wattage	6W
Power Factor	>0.90
Voltage Range	AC220-240V
Running Current	71mA
Inrush Current	<10A
Protection Class IEC	Class II
Driver	Internal mains dimmable

Performance Data

Lumens	602
Efficacy	~100 Lm/W
Operating Temperature	-20oC to +45oC
Kelvin	3000K 4000K (selectable via switch behind bezel)
Beam Angle	60°
Operating Hours	>50000
CRI	>80 Ra
Fire Rated	Yes (30/60/90 min)
IP Rating	IP65 (front) IP54 (back)
IK Rating	IK08
Macadam Ellipse	≤6 sdc
L70 B50	50,000 hours
L80 B50	30,000 hours
L90 B50	15,000 hours

Quickwire Socket Data

Rating Supply Voltage	250V~ 16A (Overcurrent protection limited to 16A)
Poles	3 - pole
Cable Entry	2 x 1.0mm² – 1.5mm² Twin & Earth CPC Cable (6242Y or 6242B), Solid cores (Class 1)
Termination	Utilizes rapid Quickwire push in technology
Cord Grip	Fully Automatic
Conductor Size	1.0mm² – 1.5mm² Twin & Earth CPC Cable (6242Y or 6242B), Solid cores (Class 1)
Dimensions	23mm x 24mm x 60mm (fits through a 30mmØ hole)
IP Rating	IP30



Cut out Ø70 mm





Quickwire Enabled Core Fire Rated Switchable LED Downlight

INSTALLATION INSTRUCTIONS



PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLATION AND LEAVE A COPY WITH END USER FOR FUTURE REFERENCE

SAFETY INFORMATION

We recommend that luminaires be installed by a fully qualified and competent electrician who understands building regulations and the current IEE wiring regulations.

Before commencing any installation or maintenance work, ensure electricity is switched off at the mains.



IMPORTANT USER INFORMATION

Please install and use strictly in accordance with these instructions, improper installation could cause harm to your property or person. It is the installer's responsibility to consider fire & safety risk and take appropriate precautions.

PREINSTALLATION INSTRUCTIONS & GUIDELINES

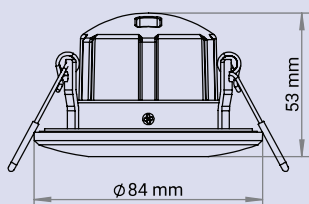
- Ensure the supplied LED driver is used to connect to the AC input.
- Ensure the hole size is cut to the specified size as a hole too big or too small can lead to installation issues.
- Do not disassemble or amend the structure of the luminaire as this can be dangerous and it would void your warranty.
- The luminaire must be installed in a ceiling, which should be firm enough to hold the weight of more than five times of the fitting itself.
- The luminaire must not be installed above hot objects such as ovens to avoid damage to the fitting.
- Ensure there is adequate space for ventilation around the fitting.
- The lamp must have at least 75mm vents around
- The space height between the ceiling and the roof must be higher than 20mm above the height of the fitting.
- Ensure that ALL electrical connections are tight with no loose strands.

CLEANING AND MAINTENANCE

- For safety and efficiency, please clean and inspect the product regularly (6 months)
- Clean the lamp with a soft cloth dipped in detergent water, then wipe with a dry cloth
- Do not use thinner, gasoline or other volatile materials to wipe the lamp, to avoid damage

Ricoman Downlight Data

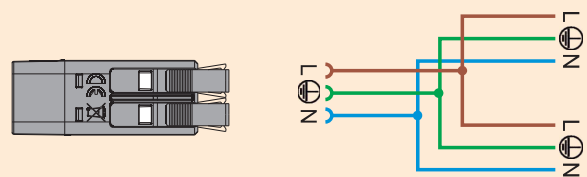
Product Code	R098900
Wattage	6W
Power Supply	AC220-240V
Power Factor	>0.90
CCT	/3K or /4K switchable via switch behind bezel
CRI	>80 Ra
Driver	Integral Mains Dimmable
Body	Polycarbonate



Cut out Ø70mm

Quickwire Socket Data

Rating Supply Voltage	250V~ 16A (Overcurrent protection limited to 16A)
Poles	3-pole
Cable Entry	2 x 1.0mm ² – 1.5mm ² Twin & Earth CPC Cable (6242Y or 6242B), Solid cores (Class 1)
Termination	Utilizes rapid Quickwire push in technology
Cord Grip	Fully automatic
Conductor Size	1.0mm ² – 1.5mm ² Twin & Earth CPC Cable (6242Y or 6242B), Solid cores (Class 1)
Dimensions	23mm x 24mm x 60mm (fits through a Ø30mm hole)
IP Rating	IP30

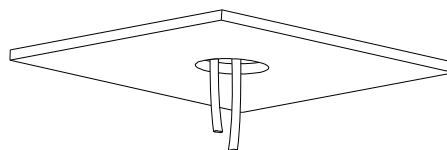


INSTALLATION STEPS

BEFORE FOLLOWING THESE STEPS PLEASE ENSURE YOU HAVE READ AND ADHERED TO THE GUIDELINES AND INFORMATION OVERLEAF.

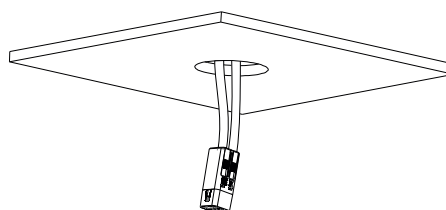
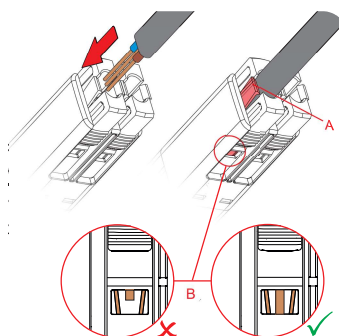
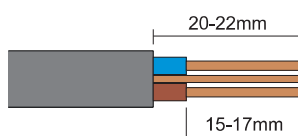
STEP 1

Ensure power is turned off. Cut out a 70mm diameter mounting hole in the ceiling. Then, locate the power cable/cables to be connected to the socket.



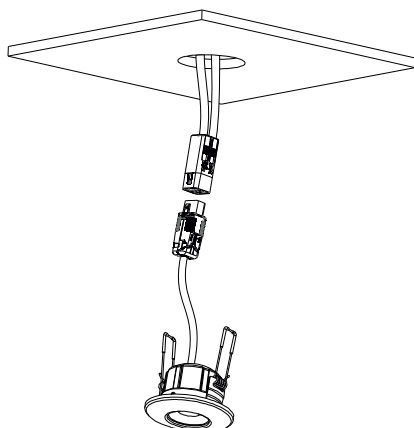
STEP 2

To connect Quickwire socket, strip twin and earth cable to required length. Align a cable and guide into one of the outlets, until resistance is met. At this stage check sheath is within cord grip (A) and conductors are visible through windows (B). Continue to push cable until shuttle snaps into place. Repeat process for other outlet or push in unused shuttle if only one connection required.



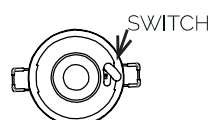
STEP 3

Plug Quickwire plug and socket together. Extend the spring clips to the top of the fitting, and insert the fitting into the ceiling allowing the clips to retract onto the ceiling.



STEP 4

Select colour temperature via the switch, then twist the bezel onto the downlight body. Switch on the power supply once connection is correct.

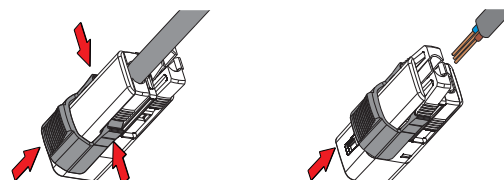


INSTALLATION COMPLETE



SOCKET DISCONNECTION

Mount removal tool and place thumb on thumb grip. Use other hand to locate side arms beneath the snaps. Push removal tool to force shuttle out and release cable.



ENVIRONMENTAL PROTECTION

Waste Electrical & Electronic Equipment Regulations (WEEE) requires that any of our products showing this marking must not be disposed of with other household or commercial waste. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate any such product from other waste types and recycle it responsibly at your local facilities. Check with your Local Authority, Recycling Centre or retailer for recycling advice.

WARRANTY

This product is in warranty in the UK for a period of 5 year from the date of purchase. The guarantee is invalid in the case of improper use, installation, tampering, removal of the Q.C. date label, installation in an improper working environment or installation not according to the current edition of the IEE Wiring Regulations. Should this product fail during the warranty period, it will be replaced free of charge, subject to the aforementioned conditions and return of the faulty unit. We do not accept responsibility for any installation costs associated with the replacement of this product. Your statutory rights are not affected.