INSTALLATION **INSTRUCTIONS**

ULTRA-SLIM CCT SELECTABLE CIRCULAR DOWNLIGHTS

Product Codes: **ORB6-CCT-V2, ORB12-CCT-V2,ORB15-CCT-V2 ORB18-CCT-V2, ORB20-CCT-V2**

Safety Warning

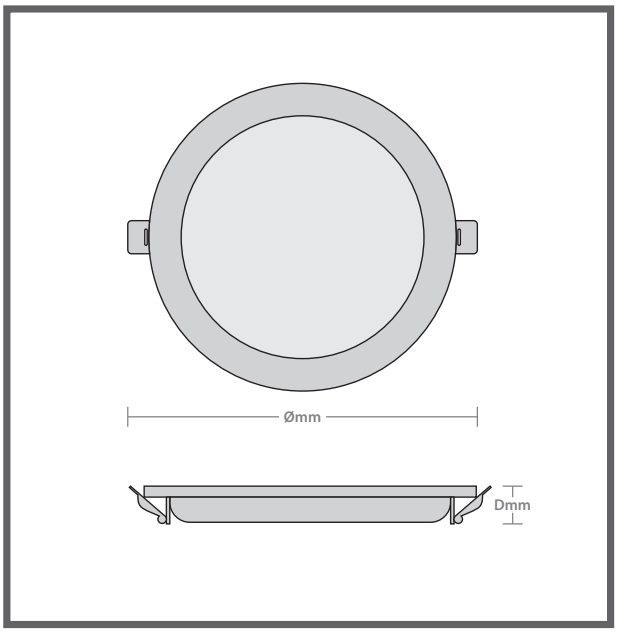
- The installation should be carried out by a qualified electrician in compliance with the current edition of the IEE Wiring Regulations.
- Prior to installation, carry out the necessary risk assessment considering the people who could be at risk, the level of risk and the precautions required to control the risk.
- Ensure that the circuit supply is isolated either by the circuit supply fuse being removed or the applicable circuit breaker being turned off before installation or any maintenance.
- Check the total load on the circuit ensuring the luminaire does not exceed the rating of the circuit cable, fuse or circuit breaker.
- Long-term use and voltage fluctuations can reduce the life span of the fitting.
- If the fitting incorporates control gear, ensure careful sizing to avoid instances of nuisance tripping of the protective device used in the installation.
- Follow the provided installation instructions, using the fixings supplied or recommended.
- Keep out of reach of children.

Specification

Box Contents -
1 x Orbit CCT V2
1 x LED Driver

Diffuser: Polycarbonate Body: Aluminium

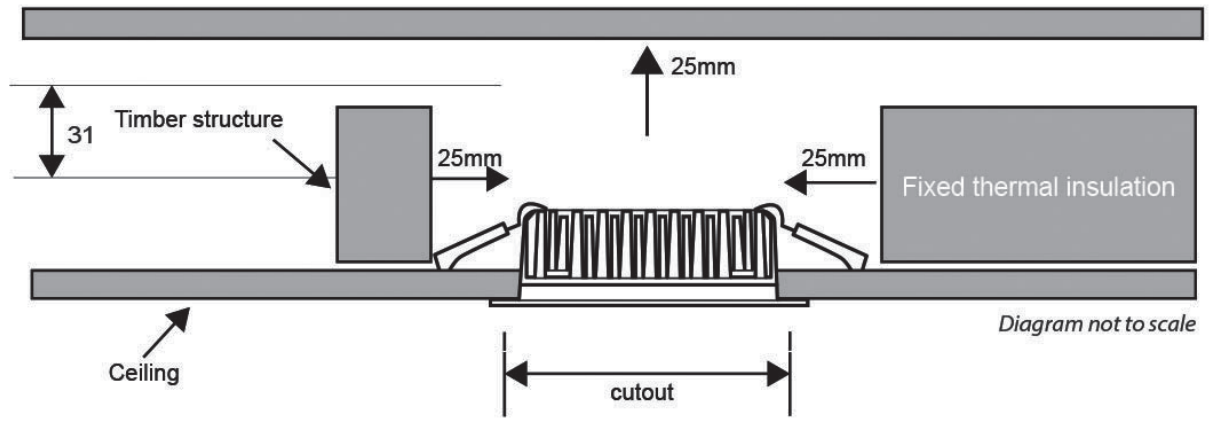
Dimensions:	6W: Ø118 x D: 17mm (25mm Including Driver) 12W: Ø167 x D: 17mm (25mm Including Driver) 15W: Ø187 x D: 17mm (30mm Including Driver) 18W: Ø221 x D: 17mm (30mm Including Driver) 20W: Ø240 x D: 17mm (30mm Including Driver)
Cut Out Dimensions:	6W: Ø105mm 12W: Ø155mm 15W: Ø175mm 18W: Ø205mm 20W: Ø225mm
Material:	**Diffuser:** TP(b) Styrene **Body:** Die-Cast Aluminium
Working Temperature:	Standard: -20°C - 40°C
Included:	LED Driver



Installation Instructions

1. It is recommended that an air gap of approximately 25mm is maintained around the fitting to ensure the maximum lifespan of the fitting.

1



1. Ensure the mains supply is switched off before commencing any work.
2. Select the suitable location(s) for the downlight(s)
3. Mark the appropriate cut-out positions on the ceiling. Check the locations of any cables, pipes, or other building services before drilling / cutting the ceiling.
4. Note the cut-out dimensions for your fitting on the previous page and complete the ceiling preparation. It is advisable to double check these.
5. Safely connect the input cable of the LED driver to the supply cable.
6. Select the desired colour temperature on the driver with the switch.
7. Connect the LED downlight to the LED driver using the male / female connector.
8. Test the circuit electrically and ensure all fittings are working correctly.
9. Squeeze the springs upwards, insert the downlight into the ceiling cut-out and release the springs.
10. Switch the power back on. Note: do not reconnect power until all connections have been made. Hot plug in can damage the LEDs and will void any warranty.

Note: This luminaire can be converted for emergency lighting operation using a conversion pack sold separately, please speak with Sales for the correct code to order, you can find their contact details below.
T: 0114 279 8999 sales@redarrowelectrical.co.uk

Warranty

This product is guaranteed for a period of 3 years from the date of purchase. The warranty is invalid in the case of improper use, tampering, removal of the Q.C. date label, installation in an improper working environment or installation not according to the current edition of the I.E.E. Wiring Regulations (BS7671). The warranty is also invalidated if the luminaire has been insulation tested. Should this product fail during the warranty period it will be replaced free of charge, subject to correct installation 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. We reserve the right to alter specifications without prior notice.

Maintenance

- When this fitting comes to the end of it's life or you choose to replace it, please do not dispose of it with your normal waste. Please recycle where the facilities exist, check with your local authority for suitable options.