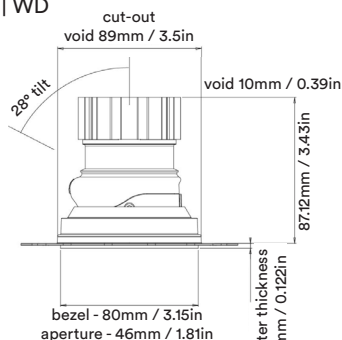


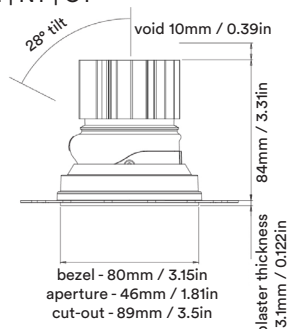
This product should be installed by a qualified electrician in accordance with all current, local legislation. For the UK, the current edition of the IEE Wiring Regulations and European Standard IEC 60364.

diagrams

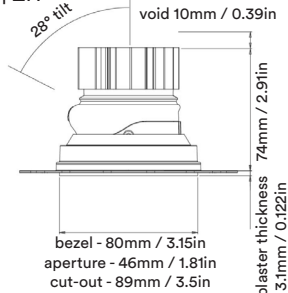
NL | OR | WD



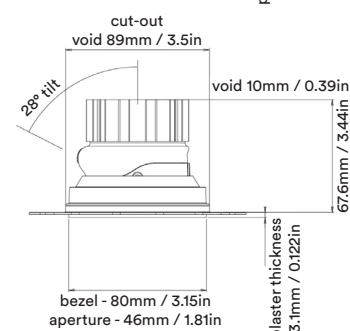
NH | OH | NT | OT



NE | OE | ZH



LO



Height increases by 21.65mm/0.85in for spot and elliptical beams.

luminaire details

cut-out	Ø89mm	class	III
clearance	Ø250mm	ip rating	IP54(front)/IP20(back)
fixing method	jigsaw plate		IP65(front)/IP20(back)
min ceiling thickness	5mm	ip zone	Zone 1
max ceiling thickness	28mm	cable type	2 Core 0.75mm ²
max driver distance	20m	cable length	300mm
		bezel temp	F Rated

engine code	engine description	wattage	current	energy class
NL	origin natural	10.2W	300mA	F
NH	origin natural high output	11.1W	325mA	F
NE	origin natural high efficiency	7.7W	225mA	F
OR	origin	10.2W	300mA	F
OH	origin high output	11.1W	325mA	F
OE	origin high efficiency	7.7W	225mA	F
NT	origin natural tuneable	11.9/9.6W	600mA/370mA	G
OT	origin tuneable	10.8W/6.4W	300mA/185mA	F
WD	origin warm dim	10.2W	300mA	F
LO	origin lopro	10.2W	300mA	F
ZH	zero high output	6.6W	200mA	E

For spot and speciality beam angles the current and wattage can differ from the standard, please refer to product datasheet for more information. This product contains a light source of energy efficiency class (see table above) to Regulation (EU) No 2019/2015 (01/09/2021).

installation

1. Using the jigsaw plate instructions prepare installation location. At this point also ensure a Ø250mm diameter space around luminaire and driver is left clear of insulation.

2. Wire luminaire cable to Orluna certified driver, ensuring correct polarity.

Static Colour - channel 1: red to positive terminal [+] and black to negative terminal [-]

Tuneable White - channel 1: brown to positive terminal [+] and white to negative terminal [-]
channel 2: red to positive terminal [+] and black to negative terminal [-]

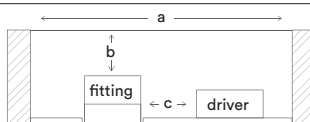
3. With mains supply switched off, connect driver to mains supply (to avoid damaging the luminaire, do not hot-wire).

4. Feed driver and luminaire into cut-out and click into place.

5. After installation, turn on the power to confirm the fitting operates correctly. If no light is emitted, switch off the power immediately and check the wiring.



Warning: Failure to maintain clearance distances may result in overheating or fire. Do not cover the control gear with insulation.
a - 250mm, b - 10mm, c - 100mm



This fitting contains a replaceable (LED only) light source, that must be replaced by a professional. If the product has come to the end of its life or is in need of repair please contact Orluna.



Information: Do not power on the unit until the fitting is correctly wired. Constant-current LEDs must be connected in series, and correct polarity is essential. Refer to the driver specification sheet for details on the minimum and maximum number of LEDs per circuit. Ensure all cables and connections are securely fitted before switching on the power. Failure to do so may cause damage to the LEDs and/or driver. If the luminaire fails to operate when powered, immediately disconnect the power and check the wiring polarity. If the external flexible cable or cord of this luminaire is damaged, it shall be replaced by the manufacturer.

Driver: Class III luminaires, use Orluna-approved SELV control gear in accordance with IEC/EN 61347-2-13 or an equivalent standard, with a maximum output voltage (U_{out}) of less than 60V DC.

Cleaning: Clean using a soft, damp cloth with water and a mild, pH-neutral, non-abrasive cleaner. Do not use solvents or high-pressure cleaners. Avoid contact with chemicals that may corrode metal components or affect the surface finish.

Connections: For dry environments, use 2 x Wago 221-2411 or equivalent connectors. In damp or wet environments, use connectors with equivalent electrical ratings and suitable IP protection.