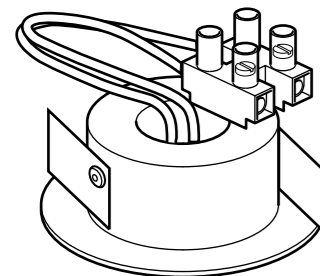


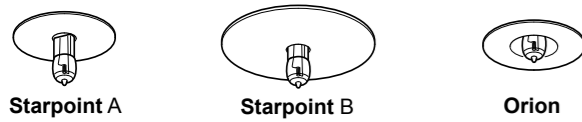


12V Downlight luminaires

Installation & maintenance guide

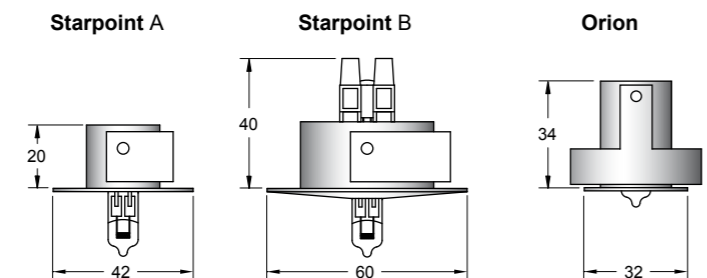
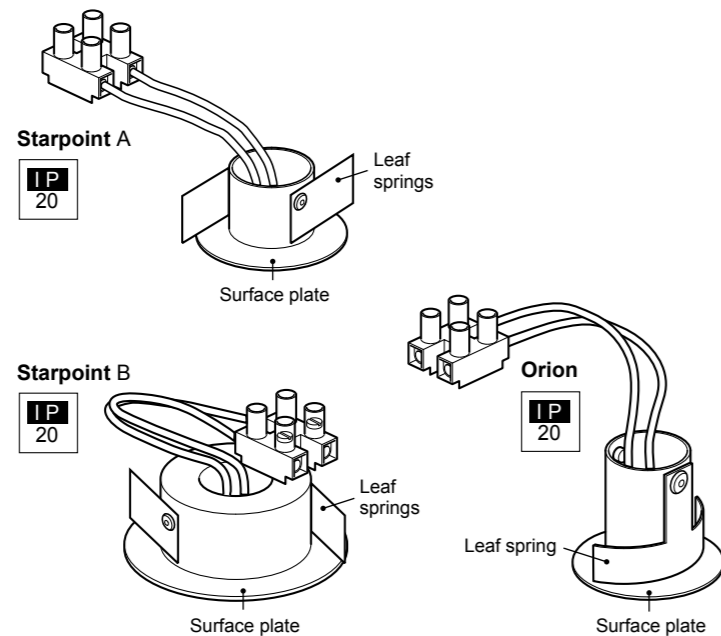


For illustration purposes the **Starpoint B** is shown as a typical example.



This luminaire MUST be installed by a qualified electrician.
 Read these instructions carefully. Once installation is complete give them to the person responsible for general maintenance and cleaning. Please keep these instructions for future reference.

1 The luminaires



2 Technical data

Must not be closer than 0.5m from the illuminated surface. Class 3 product.

Suitable for installation on flammable surfaces.

Luminaire	Cut-out	Lamp	Lamp cap	Circuit
Starpoint A	25mm	Capsule 10-20w	G4	12v
Starpoint B	50mm	Capsule 10-20w	G4	12v
Orion	25mm	Capsule 20w	G4	12v

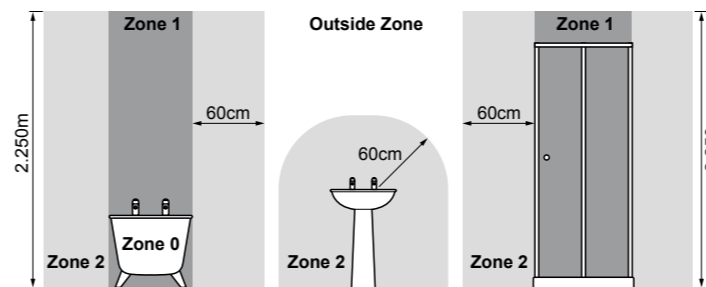
Lamp	Cable size in mm ²		
	1.0	1.5	2.5
10-20w	4.3m	6.4m	10.6m

Use correct cable size depending on lamp wattage. The dimensions above (metres) refer to the max distance from the transformer to the luminaire. This table is indicative only for the purpose of providing a guideline, it is ultimately the responsibility of the installer to ensure that the correct cable size and type is used in conjunction with the transformer mounted at the appropriate distance from the luminaire.

3 Zones

Only for use in 'Outside Zones' - All areas outside of Zone 0, 1 and 2.

Not splash proof and **not** to be used in areas affected by condensation or moisture.



Guarantee

The Light Corporation Ltd ("We") guarantee this product in the UK for 12 months from date of purchase. This guarantee is invalid if the product is installed in an improper working environment or not according to current I.E.E Wiring Regulations (BS7671), for improper use or has been tampered with in any way. Should this product fail during the guarantee 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. We reserve the right to alter specifications without prior notice. This does not affect your statutory rights.

4 Warnings!

WARNING! - TO PREVENT ELECTRIC SHOCK - Always switch off electricity supply and circuit breaker or withdraw the fuse before installation and maintenance.

- **NEVER** alter the luminaire in anyway from its original specification.
- **IMPORTANT** ensure free air movement around the luminaire. Remove any insulation material from at least 100mm around the hole.
- **NEVER** cover the luminaire with insulating or similar materials.
- Install luminaire in accordance with building regulations and the current edition of the IEE wiring regulations (BS 7671: Requirements for electrical installations).
- Check for hidden pipes and cables before installation.
- The lamp and metal surrounding the lamp can get very hot during use. DO NOT locate luminaire where it could be accidentally touched during operation.
- Due to the high temperatures produced by this luminaire, cable within 400mm must be High Temperature Rated Silicone.
- Allow the luminaire to cool before replacing lamp or starting maintenance.
- Disconnect luminaire from mains supply or transformer before service, maintenance or lamp replacement.
- Due to the expansion rates of different materials used during manufacture, it is common for the luminaire to 'click' when cooling.
- Transformers must be located a minimum of 100mm away from the luminaire.

5 Warnings!

- Use correct wattage and lamp type. **NEVER** exceed the wattage stated.
- Take care when using power tools, follow the safety instructions provided with them.
- This luminaire qualifies as WEEE and should be disposed of accordingly.
- **DO NOT** dispose of this luminaire with normal household waste, take to a local authority recycling centre.
- Dispose of used lamps responsibly.
- Dispose of packaging correctly after installation.

Transformers
 The luminaire **MUST** be connected to a transformer and not directly to the mains electricity supply.

We recommend one Light Corporation transformer per luminaire: Part No. 9124 000.

Fire hoods
 Take care when using fire hoods with luminaires.

The majority of problems occur due to incorrectly fitted and specified hoods.

We recommend the Light Corporation Envirograph fire hood: Part No. 8030 000.

Follow the manufacturer's installation instructions.

IMPORTANT! We do not accept liability for incorrectly specified or poorly installed fire hoods.

Tools required: Suitable size hole cutter, Philips screwdriver,
Small flat-blade electrical screwdriver.



WARNING! - TO PREVENT ELECTRIC SHOCK - Always switch off electricity supply and circuit breaker or withdraw the fuse before installation and maintenance.

If replacing an existing luminaire, make a note of the connections.

- Cut the correct sized hole in the ceiling in the required position:
Starpoint A - 30mm diameter hole
Starpoint B - 50mm diameter hole
Orion - 25mm diameter hole

IMPORTANT! Avoid any joists, pipes or cables beneath the surface.

2. Transformers

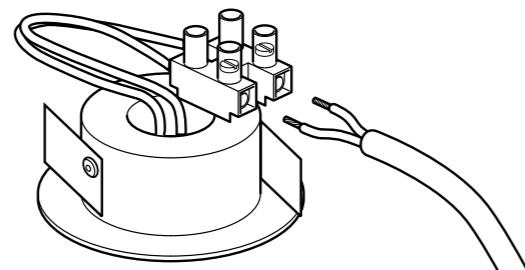
The luminaire MUST be connected to a transformer and not directly to the mains electricity supply. We recommend one Light Corporation transformer per luminaire (Part No. 9100 000).

Install the transformer in accordance with IEE electrical regulations (BS 7671).

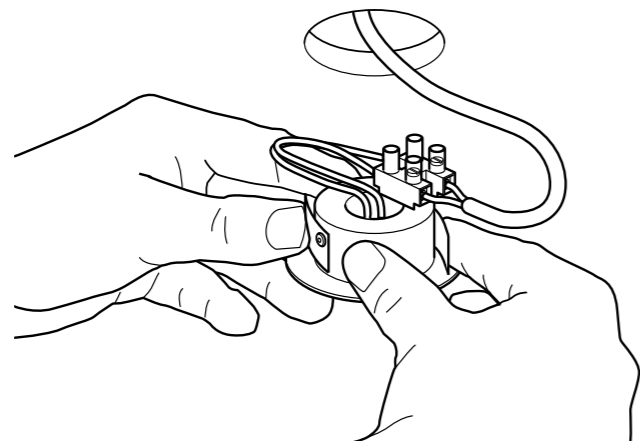
IMPORTANT! Ensure correct rating of transformer is used for the total lamp wattage. Electronic transformers need a minimum load to operate, e.g. a 20-60VA transformer requires a minimum load of 20w.

Follow the safety and installation instructions supplied with the transformer.

- Connect to the wires coming from the transformer (no earth connection required) to the connector block. Ensure the connections are tight.

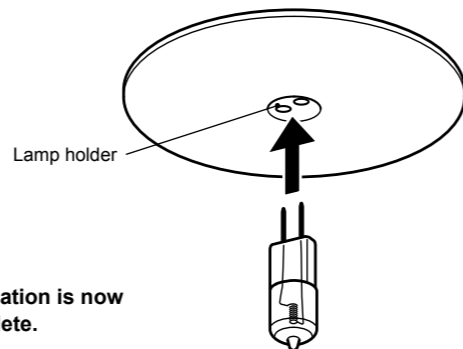


- Squeeze the leaf springs and fully locate the luminaire into the cut-out.



- Ease the lamp into holder, with a gentle rocking motion, until fully inserted.

IMPORTANT! Do not hold the lamp directly, hold using the packaging or a cloth, wipe clean once fitted.



Installation is now complete.



WARNING! - TO PREVENT ELECTRIC SHOCK - Always switch off electricity supply and circuit breaker or withdraw the fuse before maintenance.

CAUTION! - The lamp may be hot. Leave to cool before replacing, cleaning or making adjustments.

Replacing the Lamp

IMPORTANT! Make sure the replacement lamp is the exact specification as stated in this guide under section 2 Technical Data.

Turn off the light at the wall switch. Carefully remove the old lamp. Fully insert the replacement lamp into the holder using a careful rocking motion.

IMPORTANT! Do not hold the lamp directly, hold using the packaging or a cloth, wipe clean once fitted.

Cleaning

Only use a soft damp cloth when cleaning.

Our full range of products are available at:
www.lightcorporation.com

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