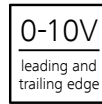
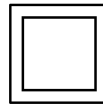
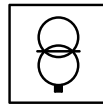
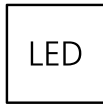
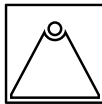
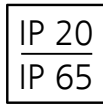


Installation, Technical and Safety instructions.

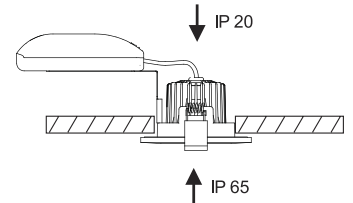


1. Purpose:

- 1.1. Works reliably at 230-240 V, 50-60 Hz. ZLISS LED downlighter has dimming function and is compatible with most leading and trailing edge dimmers, as well as 0-10V dimmers.
- 1.2. For inside use only. Can be used in moist environment.

2. Technical characteristics:

- 2.1. II electrical protection class.
- 2.2. Fitting protection class by EN 60529 – IP 65 front side and IP20 inside.
- 2.3. Power consumption - 8,3W.
- 2.4. Energy efficiency class – A.



3. Contents of the box:

- | | |
|---------------|---|
| Light fitting | Mains driver holder |
| Mains driver | Installation, Technical and Safety instructions |

4. Safety requirements:

- 4.1. Before commencing any electrical work, ensure the mains isolator on the consumer unit / fuse board is in "OFF" position, to prevent the possibility of electrical shock.
- 4.2. ZLISS recommends that a sample hole is cut out in some scrap material to familiarise yourself with the installation.
- 4.3. Luminaire can be mounted on normally combustible materials.
- 4.4. The fitting should be mounted on a flat, smooth surface, noting the position of any pipes or wiring behind the fixed surface to prevent the risk of damage.

5. General installation and operating rules:

ATTENTION: Please ensure products are checked before fitting.

- 5.1. Mark and cut the hole in the ceiling of the diameter from 63.5 mm (2.5 inch). Perfect for using 2,5 inch holesaw.
- 5.2. Power cable wiring cross-sectional area shall not be less than 1 mm².
- 5.3. Connectable to a 230 V alternating voltage. L - Brown, N - Blue.
- 5.4. II electrical protection class - grounding not required.
- 5.5. The protective glass is cleaned with a soft cloth dipped in soapy water.
- 5.6. Luminaire can be used only inside and mounted in suspended ceilings or walls. Correctly installed fixture of the front side has IP65 protection class. The inner side has an IP 20 protection class.
- 5.7. Light fittings require a clearance of 20 mm above and around. Not suitable for covering with thermally insulating material. Consider using and insulation support box. Failure to provide this clearance around low energy fittings can shorten the luminaire's life.
- 5.8. If required, use the supplied driver holder to fix the driver into position.

6. The range of ZLISS downlighters has been tested and comply with the following:

- 6.1. BS 476 Part 21: 1987 Methods of determination of the fire resistance of loadbearing elements of construction. Covers solid timber joist ceiling / floor constructions up to 90 min.
- 6.2. BS EN 1365: 2000 Fire resistance tests for load bearing elements – Floors and roofs.
Solid timber joists – 30 minutes, 60 minutes, 90 minutes
Engineered joists - 30 minutes, 60 minutes
Metal web joists – 30 minutes, 60 minutes
- 6.3. BS EN ISO 140-3: 1995 (Airborne) and BS EN ISO 140-6 1988 (Impact).
Measurement of sound insulation in buildings and of building elements.
- 6.4. BS EN ISO 717-1: 1997 (Airborne). BS EN ISO 717-2: 1997 (Impact). Rating of sound insulation in building and of building elements.
- 6.5. Building Regulations:
Part B (Fire)
Part C (Condensation Control)
Part E (Acoustic)
Part L (Conservation of Fuel and Power) – Low energy lamps only
Part P (Electrical installation)
Robust Details Ltd Part E Appendix F

ZLISS NEON LITE

Installation, Technical and Safety instructions.

1. Remove the protector cap from the mains driver.



2. Connect power cables - at L & N connection.



3. Put mains driver's protector cap back on.



4. Driver holder attachment (optional):

- 4.1. Peel off double-sided sticky tape.



4. Driver holder attachment (optional):

- 4.2. Attach mains driver to the supplied holder



4. Driver holder attachment (optional):

- 4.3. Adjust driver's holder into an angle and position you require.



5. Attach the bezel to downlighter's face side.

