

DL11

Multi-die LED chip Downlight

Key Features

- Multi-die LED chip technology
- High lumen output: comparable with tungsten halogen dichroic
- High luminaire efficiency, >50lm/W
- Compliant with Part L of Building Regulations
- No UV or forward heat, key considerations for retail and HVAC requirements
- No lamp changes provide virtually maintenance free operation, long life, ~5.7 years burning 24/7
- Choice of 3 high purity spun aluminium reflectors: Low glare, excellent distribution and uniformity, 3 beam angles
- 3000K, 4000K and 5000K colour temperatures
- Robust aluminium housing designed to optimise thermal management

Lamp Colour Options

- CW Cool White NW Neutral White
WW Warm White

Bezel Colour Options

Powder coated in RAL9016 white
or RAL9006 silver-grey

Materials

- Body: Die-cast Aluminium

Lamp Options

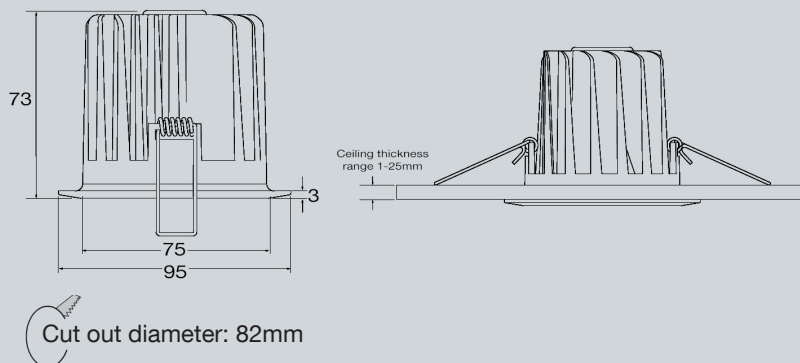
- 10W LED

Beam Angles



DL11 harnesses the latest high output multi-die LED chip technology to provide a luminaire designed to efficiently replace tungsten halogen down lights. The virtually maintenance free 50,000 hour life of the DL11 as well as the reduced energy consumption (>60% over 50W dichroic) ensures that there is both a strong financial and environmental benefit to installing this luminaire. DL11 is available in 3 colour temperatures and with good colour rendering, (>80CRI) compliant with BS EN12464-1 for occupied spaces. There is a choice of white or silver-grey bezel finishes offered with 3 high purity spun aluminium reflector options providing controlled distribution with excellent uniformity and low glare. With a robust construction and simple spring clip retention, the benefit of rapid plug and socket connection to the chosen driver, plus the option of dimming control gear, DL11 delivers a dynamic and cost effective solution suited to a host of applications.

Dimensions



Weight

- 0.5kg

Installation

- Spring clips enable simple installation into mounting surface of 1mm to 15mm in thicknesses
- Low profile 73mm depth to suit low ceiling heights. Allow 50mm minimum clearance around the luminaire for heat dissipation, recommended void depth 100mm
- Driver passes through standard 82mm cut out
- Simple plug and socket connection between driver and luminaire head
- Luminaire supplied with 500mm lead terminated with locking connector to match drivers
- 3m interconnecting extension lead available as an accessory



Options

- Choice of Bezel colour finish - RAL9016 white or RAL9006 silver-grey
- Driver options: fixed output and dimmable options (1-10V, Switch-dim)
- Remote 3hr maintained emergency option available to special order - requires emergency head unit
- Alternative drivers supplying up to 700mA can be used to maximise efficiency (output will be reduced)

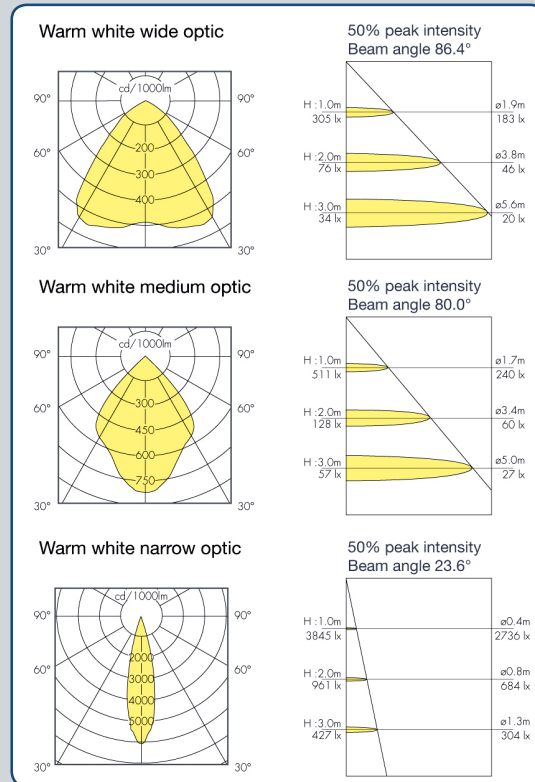
Power Input

- 24 Volts

Power Consumption

- 10 Watts

Photometric Data



Recommended Drivers & Cables

Driver to be ordered separately, supplied with connector to suit lead and connector from the head unit.

Fixed output: DL11-F700 (runs 1 DL11 luminaire)

DL11-F700-2 (runs up to 2 DL11 luminaires)

Dimmable: DL11-R700 (dims 1 DL11 luminaire) 1-10V and Switch-dim

Extension lead: DL11-EXT3F

Terminator for twin connector: DL11-LT

Ordering Codes

