

# LD40



## Miniature Shallow LED Wall and Down Light

Data sheet

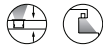
LD40 is an incredibly shallow downlight for applications where a very small recess depth is required. Originally designed as a special for under cabinet lighting, it has now been added to our standard range as it has proved so popular.

### Key Features

- Very shallow, only 22mm recess depth required including cable
- Ideal for shelf lighting or under cabinets
- 93 CRI LED in warm white
- Range of beam angles
- Maximum output is 350mA 1.2W due to its small size
- Minimal bezel thickness
- Available with Switch, 0-10V, DMX, Dali or Mains dimmable drivers

### Specification

#### Applications



Beam Angles 12°, 31°, 48°, 36° x 12°  
 LED type 1 x Cree XPG2

| Colour temperature                     | 2700K** / 3000K |      | 5000K |      |
|--|-----------------|------|-------|------|
| Drive Current (mA)                     | 350             | 500  | 350   | 500  |
| LED power* (W)                         | 1.2W            | 1.7W | 1.2W  | 1.7W |
| CRI (typical)                          | 93              | 93   | 75    | 75   |
| Forward voltage (V) <sub>100</sub>     | 3.0V            | 3.2V | 3.0V  | 3.2V |
| Delivered lumens** (L <sub>100</sub> ) | 88              | 120  | 107   | 146  |
| Lumens per circuit watt                | 73              | 71   | 89    | 86   |

LED lifetime (to 70% lumen maintenance) 50,000hrs at a max ambient temperature of 35°C

Materials Machine finish 316 stainless steel bezel  
 Glass 5mm thick borosilicate  
 Wiring Comes pre-wired with 2 single 100mm leads, can be specified with up to 10m at extra cost

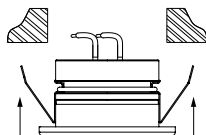
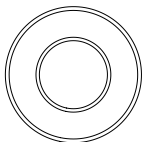
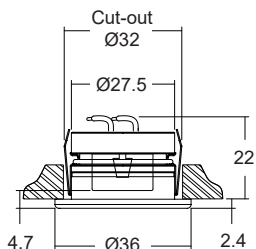
IP rating IP67

\*LED wattage includes losses associated with using an 85% efficient driver

\*\*2700K lumen output is 12% lower than the 3000K figure listed

4000K lumen output is 14% higher than the 3000K figure listed (80CRI)

### Dimensions and Fixing Options



(Dimensions in mm)



### Order Codes and Options

| Product code        | LED colour | Lens angle | Finish | Fixing |
|---------------------|------------|------------|--------|--------|
| LD40 - 350<br>- 500 |            |            |        |        |

Example: LD40-350/ LW30 / MB / White / SC

#### Product codes with output options

|                   |          |
|-------------------|----------|
| 1.2W LED at 350mA | LD40-350 |
| 1.7W LED at 500mA | LD40-500 |

#### LED colour options

| LED colour options         | Suffix |
|----------------------------|--------|
| Extra warm white (2700K)   | /LW27  |
| Warm white (3000K)         | /LW30  |
| White (4000K) - on request | /LW40  |
| Cool white (5000K)         | /LW50  |
| Blue                       | /LB    |
| Green                      | /LG    |
| Red                        | /LR    |
| Amber                      | /LA    |

#### Beam / lens angle options

|                 |     |
|-----------------|-----|
| 12° narrow spot | /NB |
| 31° medium      | /MB |
| 48° wide        | /WB |
| 36° x 12° oval  | /OB |

#### Bezel finish options

Stainless steel 316 (standard)  
 Paint finish silver / black / white (RAL 9016) / RAL  
 Polished stainless steel (passivate for marine environments)

#### Fixing options

|              |     |
|--------------|-----|
| Spring clips | /SC |
|--------------|-----|

#### Use with 350mA constant current LED drivers

We have a wide range of dimmable LED drivers, 0-10V, DMX, DALI and Mains dimmable. Please see the downloads section on our website:

To run 1-14 LD40-350 in series use a TXDEL350D (0-10V dimmable)

To run 1-14 LD40-500 in series use a TXDEL500D (0-10V dimmable)