

LD40



Miniature Shallow LED Wall and Down Light

Data sheet

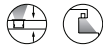
LD40 is an incredibly shallow downlight for applications where a very small recess depth is required. Originally designed as a special for under cabinet lighting, it has now been added to our standard range as it has proved so popular.

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 500mA 1.7W 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
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LED power* (W)	1.2W	1.7W	1.2W	1.7W
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CRI (typical)	93	93	75	75
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Forward voltage (V) ₁₀₀	3.0V	3.2V	3.0V	3.2V
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Delivered lumens** (L ₁₀₀)	88	120	107	146
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Lumens per circuit watt	73	71	89	86
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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

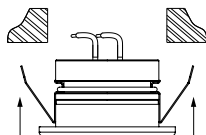
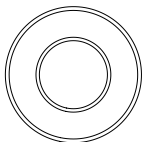
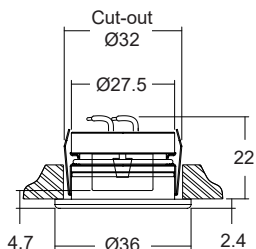
IP rating IP67

*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 - 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

Extra warm white (2700K)
 Warm white (3000K)
 White (4000K) - on request
 Cool white (5000K)
 Blue
 Green
 Red
 Amber

Suffix

/LW27
 /LW30
 /LW40
 /LW50
 /LB
 /LG
 /LR
 /LA

Beam / lens angle options

12° narrow spot
 31° medium
 48° wide
 36° x 12° oval

/NB
 /MB
 /WB
 /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)