

LD40



Miniature Shallow LED Wall and Down Light

Data sheet

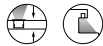
LD40 is an incredibly shallow downlight for applications where a very small recess depth is required. Originally designed as a special for under cabinet lighting, it has now been added to our standard range as it has proved so popular.

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 x 150mm single core lead, can be specified with up to 3m of single core cable at extra cost

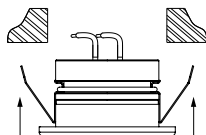
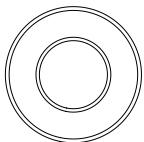
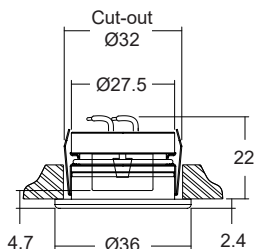
IP rating IP67

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

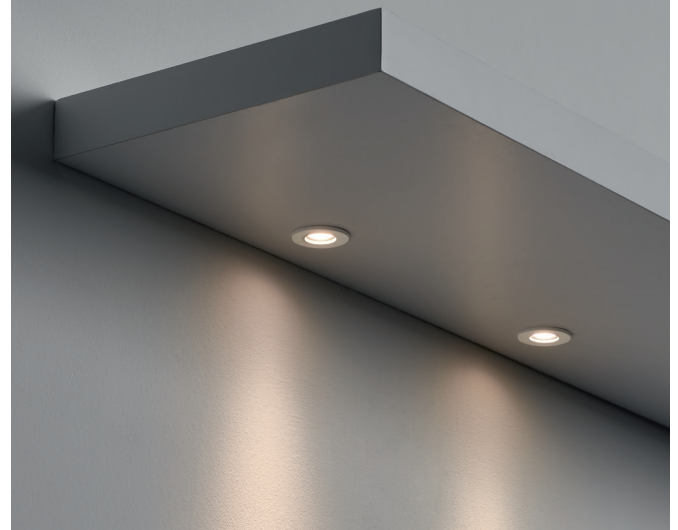
**2700K lumen output is 12% lower than the 3000K figure listed

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

Suffix

Super Warm White (2200K)

/LW22

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

*Other LED colour temperatures are available. Please speak to a member of our sales team.

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

Polished and passivated stainless steel (for marine environments)

Paint finish silver / black / white (RAL 9016) / antique bronze / satin antique brass / satin brass / RAL finish

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)