

# LD60

Miniature LED Uplight and Wall Light

Data sheet



Design: Brilliant Lighting Project: Private residence Product: LD60

LD60 is a very tough, compact fitting with a larger bezel than the LD41. It can be run up to 1.7W, and comes with a choice of beam angles making it suitable for a wide range of applications.

## Key Features

- Larger bezel to hide damage that might be caused to the delicate surrounding surfaces when drilling hole cut-out
- Can be specified with frosted glass for indicator applications, a wide beam works best for this effect
- Machined from a solid billet of stainless steel 316
- No visible fixings. Fixing options include O-rings and a first fix sleeve or bonding directly into the mounting surface
- Integral anti-wicking barrier increases protection against moisture ingress due to incorrect IP rated cable connections
- Not designed for permanent submersion, please use our LD242A
- Available with Switch, 0-10V, DMX, Dali or Mains dimmable drivers

## Specification

### Applications



Beam Angles	12°, 31°, 48°, 12° x 36°	
LED type	1 x C1 Engine with NICHIA LED	
Colour temperature	2200K / 2700K / 3000K / 4000K / 5000K	
Drive Current (mA)	350	500
LED power* (W)	1.2W	1.7W
CRI (typical)	93	93
Forward voltage (V) <sub>100</sub>	3.0V	3.2V
Delivered lumens** (L <sub>100</sub> )	108	141
Lumens per circuit watt	90	83
LED lifetime	L90B5 at 90,000hrs	
Materials	Machine finish 316 stainless steel	
Glass	5mm thick borosilicate	
Wiring	Comes pre-wired with 2 core 100mm lead, can be specified with up to 10m at extra cost	
IP rating	IP68 - Not for permanent submersion (for permanent submersion applications use LD242A)	

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

\*\* Lumen output data applies to all colour temperatures.



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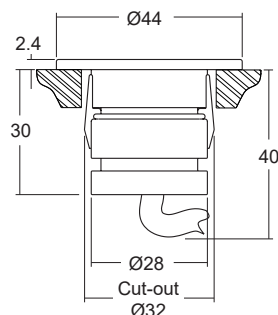
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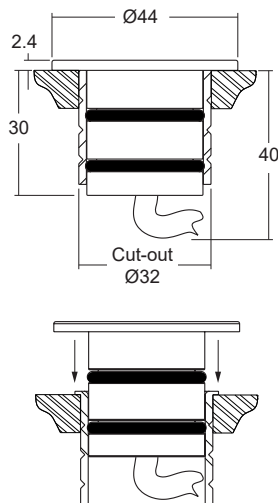


## Dimensions and Fixing Options

/SC - Spring clips



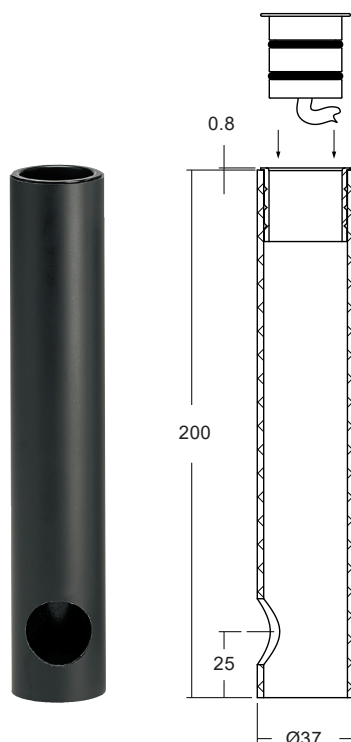
/480 - O-rings and sleeve



(Dimensions in mm)

/480GT - Ground tube

The in-ground tube has been designed for applications where a recessed uplighter is required in soil or gravel surfaces. The tube can be buried with the necessary wiring, and then the fitting installed after the landscaping work has been completed. It is supplied with the fixing sleeve bonded into the tube, and can be cut down on site.



## Photometrics

Photometric files are included in the design pack which can be downloaded from the LD60 product page on the website.

## Order Codes and Options

Product code	LED colour	Lens angle	Finish	Fixing
LD60-C1-350 - 500 - 700				

Example: LD60-C1-500 / LW30 / MB / Stainless steel / 480

### Product codes with output option

1.2W LED at 350mA	<b>LD60-C1-350</b>
1.7W LED at 500mA	<b>LD60-C1-500</b>

### 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
12° x 36° oval	/OB

### Bezel finish options

Stainless steel 316 (standard)  
 Polished stainless steel (passivate for marine / underwater environments)  
 Paint finish white / black / RAL (see finishes guide for suitable applications)

### Fixing options

First fix sleeve and O-rings	/480
Ground tube	/480GT
Spring Clips	/SC

### Use with 350mA and 500mA constant current LED drivers

We have a wide range of dimmable LED drivers, 1-10V, DMX, DALI and Mains dimmable. Please see the downloads section on our website:

To run 1-14 LD60-C1-350 in series use a TXDEL350D (0-10V dimmable)

To run 1-14 LD60-C1-500 in series use a TXDEL500D (0-10V dimmable)