

# LD175



## High Power Square Recessed Low Glare Interior/Exterior Floor Washer

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For those lighting installations where a very high output is required we have developed the LD175 Wall Light. The LD175 is a higher output version of the LD59, and with its remarkable uniform floor washing capabilities, together with its broad diffused beam shape and 400 lumen output, it is ideal for larger external projects.

Like the LD59 the LD175 features a high quality machined anodised body and is IP67 rated making it suitable for both internal and external lighting installations. This shallow recess depth wall light has the LED and diffuser assembly recessed deep within the fitting ensuring low glare.

### Key Features

- Impressive uniform floor washing capabilities
- Very broad diffused beam shape
- High output, ideal for lighting wider pathways
- Reduced glare with the LED and diffuser assembly recessed deep within the fitting
- IP67 as standard
- Polished 316 stainless steel bezel as standard, with other finishes available
- No visible fixings. Comes as standard with spring clips
- Maintenance-free operation
- Optional first fix concrete-in back box
- Available with remote Switch, 0-10V, DMX, Dali or Mains dimmable drivers

### Specification

#### Applications



LED type	1 x Cree MKR			
Colour temperature	2700K / 3000K / 4000K		5000K	
Drive Current (mA)	350	500	350	500
LED power (W)	5W (4.4W)*	7W (6.3W)*	5W (4.4W)*	7W (6.3W)*
CRI (typical)	85	85	80	80
Forward voltage (V) <sub>100</sub>	14V	14V	14V	14V
Delivered lumens (L <sub>100</sub> )	290	387	311	415
Lumens per circuit watt	65	61	70	66

LED lifetime (to 70% lumen maintenance) 50,000hrs at a max ambient temperature of 35°C (if specifying fitting in ambient temperatures of up to 45°C run at 350mA max, LD175-350)

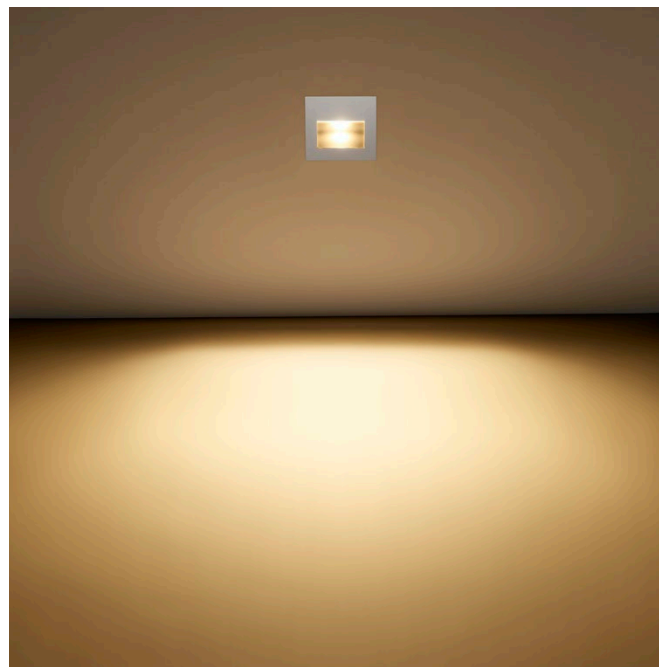
Materials Machined anodised aluminium body with a 316 stainless steel bezel (other options available)

Glass 2mm thick borofloat glass

Wiring Comes pre-wired with 2 core 250mm lead, can be specified with up to 10m at extra cost

IP rating IP67

\*indicates the nominal power for the LED run at that particular current and includes losses associated with using an 85% efficient driver



/SC - Spring clips



/CB - Concrete box



# LD175



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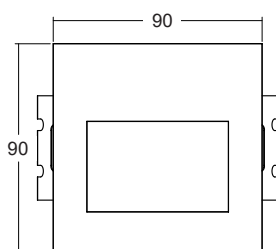
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## Dimensions and Fixing Options

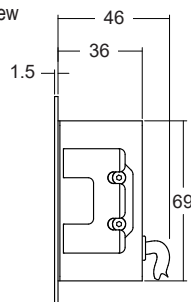
### /SC - Spring clips

Spring clips are supplied as standard when the concrete-in box is not specified. This fixing option is suitable for the majority of installations.

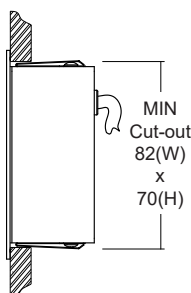
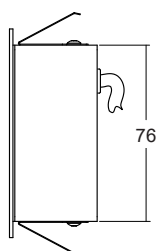
Front view



Side view



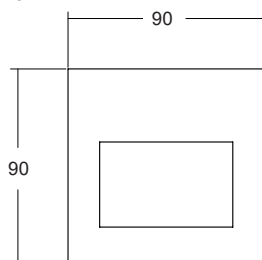
Top view



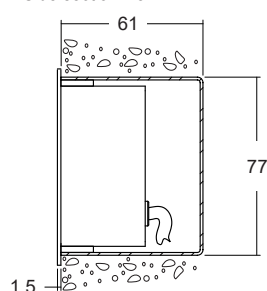
### /CB - Concrete box

First fix concrete-in box offers the ability to create the correct void in a concrete wall necessary to fit the LD59. There is space behind the product to make connections (internal use only). Please note spring clips are not supplied when the concrete-in box is specified. The fitting is held in place with a silicone gasket provided within the box.

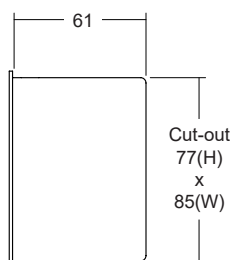
Front view



Side section view



Top view



## Order Codes and Options

Product code	LED colour	Finish	Fixing
LD175 - 350 - 500			

Example: LD175-500 / LW30 / Stainless steel / SC

### Product codes with output options

5W LED at 350mA	LD175-350
7W LED at 500mA	LD175-500

### 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
RGBW (****K White) - Min. order quantity required	/RGBW

### Finish options

Polished stainless steel 316  
 Polished and passivated stainless steel 316 (marine grade polish)  
 Brushed and passivated stainless steel 316  
 Paint finish white / black / RAL

### Fixing Options

Spring clips	/SC
Concrete-in back box	/CB

### Use with 350mA and 500mA 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 1-4 LD175-350 in series use a TXDEL350D (0-10V dimmable)  
 To run 1-4 LD175-500 in series use a TXDEL500D (0-10V dimmable)