



## LD175

### HIGH POWER RECESSED INTERIOR/EXTERIOR FLOOR WASHER



The LD175 is a high-power recessed wall light designed to deliver a very low glare, broad floor wash for large interior and exterior projects. Available light engines include E2, Tunable White and RGBW with colour temperatures ranging 2700K-5000K. The bezel with borofloat glass, consists of a machine anodised face plate that houses the shallow recessed LED and diffuser assembly, to ensure low glare of the broad diffused beam. This is a very tough high-quality fitting, machined from high grade materials, ensuring excellent thermal and light output performance.

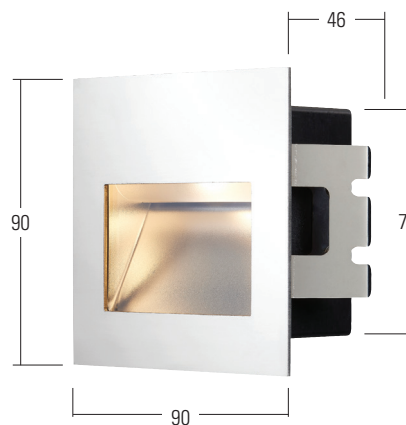
## KEY FEATURES

- > E2 engine option, featuring CREE LED with upto 425 lumens and built-in reverse polarity protection
- > Tunable White and RGBW LEDs also available
- > Impressive uniform floor washing with a broad diffused beam for lighting wide pathways
- > LED and diffuser assembly recessed deep within the fitting for low glare
- > 316 stainless steel face plate as standard with paint finishes available
- > Optional first fix concrete-in back box, with no visible fixing or spring clips
- > Switched, 0-10V, Casambi, DMX, DALI or Mains dimmable drivers available



## DIMENSIONS

*Dimensions in mm*

For full dimensions and for accessory dimensions please go to page 4.



## SPECIFICATION

Engine	 E2	
LED manufacturer	CREE	
Colour temperature*	2700K / 3000K / 4000K / 5000K	
Current	350mA	500mA
LED power (Max)	4.2W (5W**)	6W (7W**)
Delivered lumens (L <sub>100</sub> )***	329	425
Lumens per circuit watt	66	61
CRI (Min)	85	
Forward voltage (V <sub>100</sub> )	14V	
Colour consistency	2 SCDM	
Peak intensity	348 cd	
LED lumens	873	
LOR	0.63	
TM30	RF85	RG98
LED lifetime	L90B5 at 90,000hrs	
Applications		

These values are based around a LD175-E2-700-LW30-NB

\*see lumen variance table to the right

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

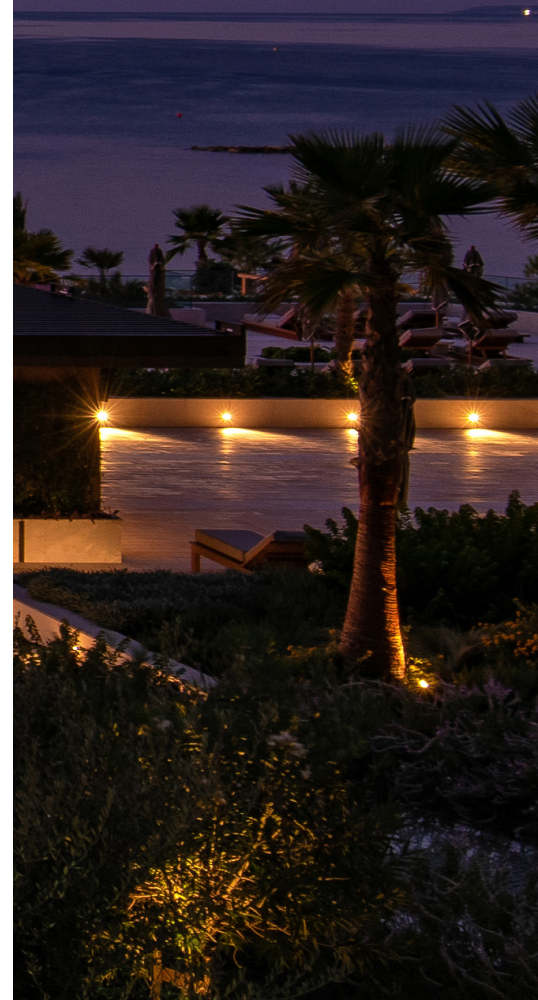
\*\*\*lumen output indicated is without the glare shield. Allow 30% less with the /GS glare shield.

Lumen variance by CCT	
2700K	+/- 0%
4000K	+7%
5000K	+16%

## MECHANICAL

Ambient temperature	-20° to 45° (350mA) or -20° to 35° (500mA)
Glass	2mm thick borofloat glass
Materials	Anodised aluminium body, stainless steel bezel
Weight of product	0.42kg
IP rating	IP67
IK rating	IK08
Wiring	In-series constant current wiring (pre-wired with 2 core cables at 200mm)

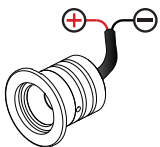
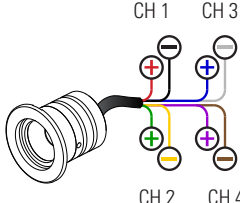
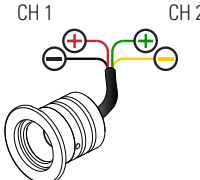
Design: Light360  
Project: Amara Hotel, Limassol, Cyprus  
Product: LD175



## COLOUR & DYNAMIC LED ENGINE SPECIFICATION

Engine	 CL - Colour	 RGBW	 TW - Tunable White	
LED manufacturer	CREE	CREE	CREE	
Colour temperature	Red, Green, Blue, Amber	Red, Green, Blue, 4000K White		Warm White 2700K or 3000K      Cool White 4000K or 5000K
Current	500mA	350mA	500mA	500mA
LED power (Max)	7W	3.5W	5W	6.3W (7W) 3.5W per channel
Applications				

## MECHANICAL

Glass	6mm thick toughened glass with black ceramic screen print		
Materials	Stainless steel bezel, anodised aluminium body		
Weight of product	0.42kg		
IP rating	IP67		
IK rating	IK08		
Wiring	<b>CL</b> - 2 core cables at 250mm in length 	<b>RGBW</b> - 8 core cables at 250mm in length 	<b>TW</b> - 4 core cables at 250mm in length 

## AVAILABLE FINISHES

Please refer to our finishes guide for full details



### 316 STAINLESS STEEL

- > Marine grade 316 Steel
- > Standard machined finish
- > Extremely durable
- > Passivation recommended for marine environments to prevent corrosion and build up of brown stains caused by oxidation
- > Interior & exterior use



### PAINT FINISH

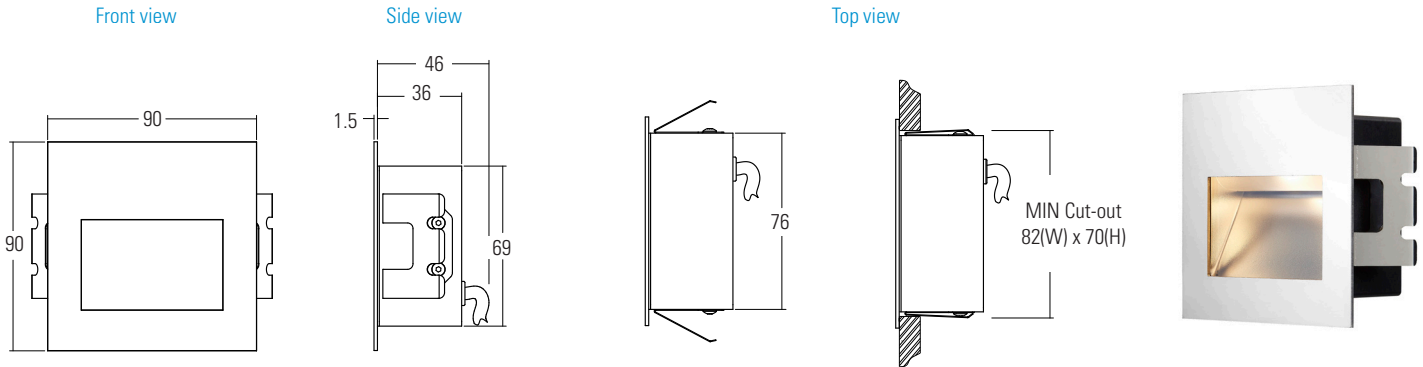
- > Matt Black, Matt White and other RAL colours available
- > Not recommended for footlights in high traffic areas
- > Interior & exterior use

**DIMENSIONS AND FIXING ACCESSORIES**

*Dimensions in mm*

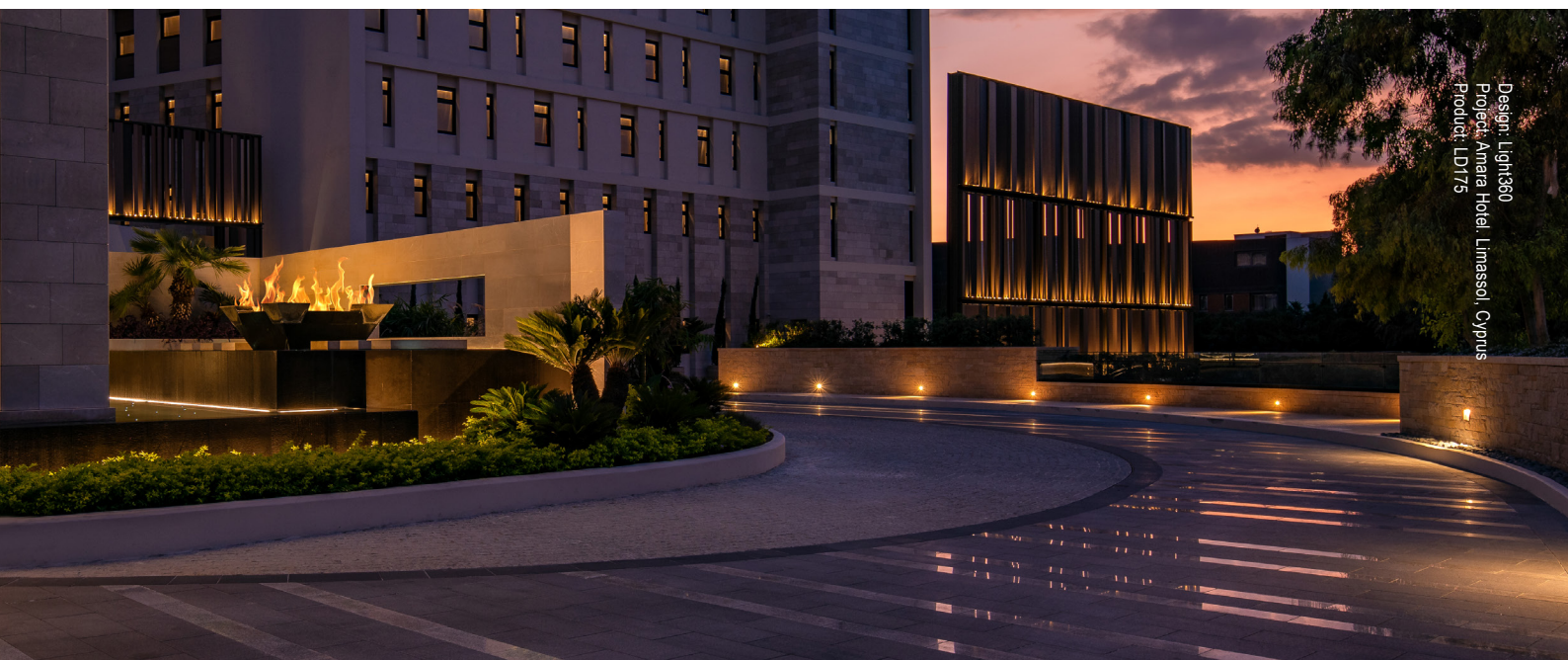
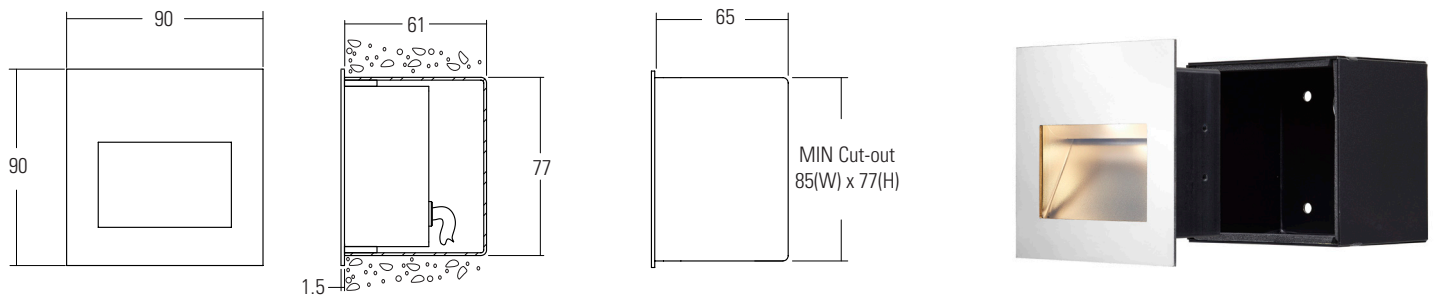
**/SC Spring clips**

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



**/CB Concrete-in box**

First fix concrete-in box offers the ability to create the correct void in an internal wall only, the fitting is held in place with a silicone gasket. There is space behind the product to make connections. Please note spring clips are not supplied when the concrete-in box is specified.




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ORDER CODES & OPTIONS


Example: LD175-TW-350 / LW27 + LW40 / Stainless steel / SC

Light Engine & Drive Current	LED Colour	Bezel finish	Fixing accessories
LD175 -			


WHITE LED ENGINES








 <b>E2</b>	
5W LED at 350mA	LD175-E2-350
7W LED at 500mA	LD175-E2-500
Extra Warm White (2700K)	/LW27
Warm White (3000K)	/LW30
White (4000K) - on request	/LW40
Cool White (5000K)	/LW50

COLOUR & DYNAMIC LED ENGINES

 <b>CL</b>	
7W LED at 500mA	LD175-CL-500
Red	/LR
Green	/LG
Blue	/LB
Amber	/LA

 <b>RGBW</b>	
3.5W LED at 350mA	LD175 -RGBW-350
5W LED at 500mA	LD175 -RGBW-500

 <b>TW</b>	
3.5W LED at 350mA	LD175-TW-350
Tunable White 2700K & 4000K (standard option)	/LW27 + LW40
Tunable White 2700K & 5000K	/LW27 + LW50
Custom	/LW** + L**

	316 Stainless Steel		/SC
	Polished & Passivated Stainless Steel (for marine environments)		/CB
	Paint Finish - Black (RAL 9005)		
	Paint Finish - White (RAL 9016)		
	Paint Finish - RAL		

**Drivers**  
Use with 350mA, 500mA & 700mA constant current LED drivers  
We have a range of dimmable LED drivers DMX and DALI compatible. Please see the downloads section on our website.