LD36 IP66

High Power Linear Lensed LED Surface Washer

350 mA   500 mA   IP66   F   III

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LD36 is now offered in a redesigned IP66 rated housing to reduce the cost per metre. This makes it a far more cost effective solution for lighting walls in showers where IP54 is not a high enough rating, and IP68 is not cost effective. It features all the benefits of LD36 with excellent output and wall wash capabilities. It uses the latest in LED technology and collimating lenses to focus the light to create a continuous wash of light. For an IP67 exterior wall grazer, please see our LD38.

Key Features

- Excellent wall wash capabilities
- Uses the latest in LED technology
- High efficiency optics specially designed for LightGraphix guarantee excellent beam spread and shape
- LED spacing of 50, 75 and 100mm are available, allowing cost savings with fewer LEDs and drivers whilst still achieving the desired effect
- High power from compact size
- Custom made lengths as standard
- Available with Switched, 0-10V, DMX or Dali drivers

Specification

Applications		
Beam Angles	12°, 31°, 48°, 12° x 36°, 15° x 60°	
LED type	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)$_{100}$	3.0V	3.2V
LED spacing	Delivered lm/m** (L$_{100}$)	
50mm	2160	2820
75mm	1436	1410
100mm	1080	1410
Lumens per circuit watt***	90	83
LED lifetime	L90B5 at 90,000hrs	
Materials	Frosted polycarbonate end caps, polycarbonate clear tube, with silver anodised aluminium extrusion enclosed.	
Wiring	Comes pre-wired with 2m lead, can be specified with up to 10m at extra cost	
IP rating	IP66	

*LED wattage includes losses associated with using an 85% efficient driver
** Lumen output data applies to all colour temperatures.
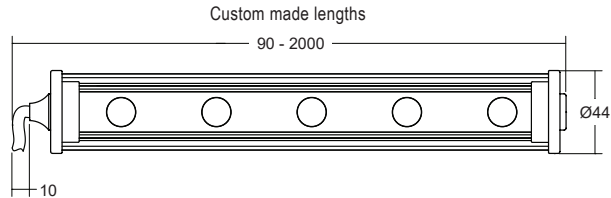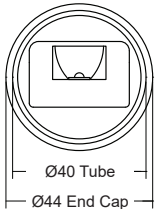***Data shown allows for 50mm spacing

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Fixing Options and Dimensions

Custom made lengths

90 - 2000

Ø44

Ø40 Tube

Ø44 End Cap

10

(Dimensions in mm)

/SC
Spring Clip Fixing

Ø3.2

45

48

10
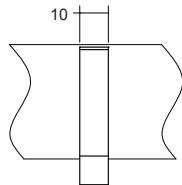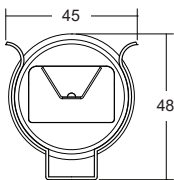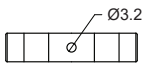
(Dimensions in mm)

Order Codes and Options

Product code	LED colour	LED spacing	Product colour	Fixing option	Length
LD36-C1 - 350 IP66 - 500 IP66					

Example: LD36-C1-500 IP66 / LW30 / 50 / Silver Anodised / SC / 1200mm

Product codes with output options
1.2W LED at 350mA	**LD36-C1-350 IP66**
1.7W LED at 500mA	**LD36-C1-500 IP66**

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

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

LED spacing
50mm	/50
75mm	/75
100mm	/100

Beam / lens angle options
12° narrow spot	/NB
31° medium	/MB
48° wide	/WB
12° x 36° oval beam	/OB
15° x 60° extra oval beam	/EOB

Product colour
Silver anodised (end caps are frosted polycarbonate)

Fixing options
Spring clips	/SC

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.

Photometrics

Photometric files are included in the design pack which can be downloaded from the LD36 IP66 product page on the website.

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