

LD36 RGB

High Power Linear RGB Lensed Surface Washer



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LD36 RGB surface washer offers superb continuous wall washing capabilities, from a very compact product. The use of a single colour mix optic and a single RGB LED allows for very effective near field colour mixing. It offers great flexibility to the designer with a range of options that suit most design details and applications.

Key Features

- Single colour mix optic for very effective colour mixing
- High power for wall washing
- Uses the latest in LED technology with an RGB LED mixing at source
- LED spacing is maintained across multiple lengths, so no dark spots!
- 4 fixing options are offered, which include a mini adjustable bracket, ideal for coffers
- IP40 as standard with an IP54 option for wet environments
- Lengths are custom made to suit to a maximum of 975mm
- Short pieces can be made interlinked to accommodate curves
- Available with Switched, 0-10V, DMX or Dali drivers

Specification

Applications				
Beam Angles	60°			
LED type	Cree XML RGB			
Colour temperature	RGB			
Drive Current (mA)	350			
LED power* (W)	3.6W (this is for a single RGB LED)			
LED Colour	Red	Blue	Green	Total
Forward voltage (V) ₁₀₀	2.3V	3.3V	3.1V	8.7V
LED power / m (13 LEDs)	11.7W	15.6W	14.9W	42W
Lumen output lm/m (L ₁₀₀)	534	1015	163	1712
LED lifetime (to 70% lumen maintenance)	50,000hrs at a max ambient temperature of 35°C			
Materials	Silver or black anodised aluminium body, PMMA acrylic lid, ABS end caps			
Wiring	Comes pre-wired with 2m lead, can be specified with up to 10m at extra cost			
IP rating	IP40 (IP54 available)			

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



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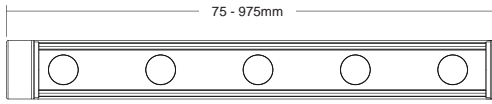
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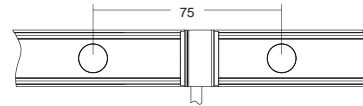
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Fixing Options and Dimensions

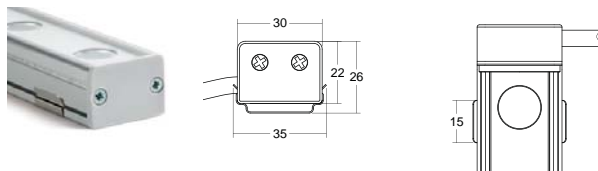
Custom made lengths



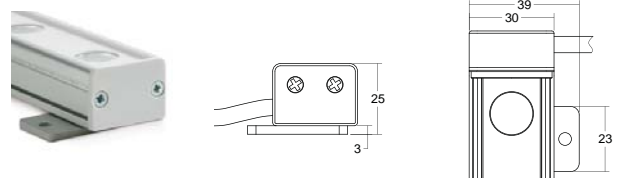
LED spacing maintained over multiple lengths



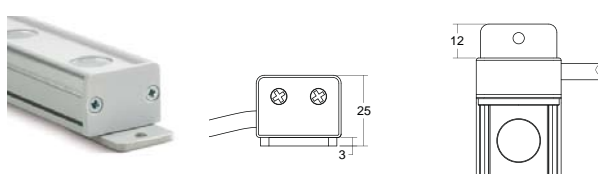
/SC Spring Clip Fixing



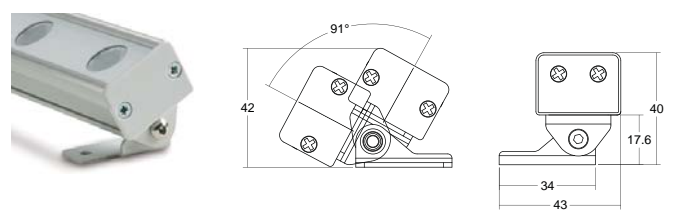
/BSM Bracket Side Mounting



/BEM Bracket End Mounting (max 1200mm length)



/ABM Adjustable Bracket Mounting



Cable entry is from the side as standard. With the adjustable brackets it is rear cable entry. (Dimensions in mm)

Product Colours



All black colour option



White optic cover with silver extrusion and end caps

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Linked sections

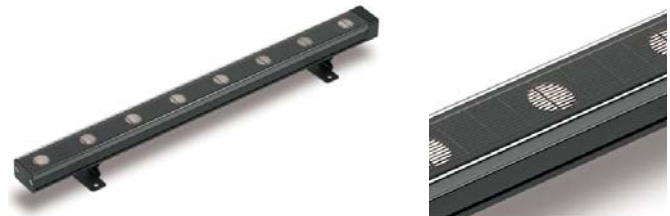


Around curves LD36 can be specified in smaller sections depending on the radius. These are hard wired together so the LED spacing is maintained.

Accessories

/GL36

Anti glare louvre. Please note this is always supplied in black finish



Order Codes and Options

Product code	LED spacing	Beam angle	Cover colour	Fixing option	IP rating	Length
LD36 RGB						

Example: LD36 RGB / 75 / WB / White / ABM / IP40 / 975mm

Product codes with output options	
1.2W (3.6W) LED at 350mA	LD36 RGB
LED spacing	
75mm	/75
Beam / lens angle options	
60° wide	/WB
Product colour	
White or RAL - lens cover only (extrusion is silver anodised)	
Black - end caps, lens cover and extrusion all black	
Fixing options	
Spring clips	/SC
Bracket end mounting	/BEM
Bracket side mounting	/BSM
Adjustable bracket mounting	/ABM
IP rating	
IP40 (internal use as standard)	/IP40
IP54 rated for moist environments	/IP54
Accessory	
Linear anti glare louvre (black)	/GL36
Use with 350mA constant current LED drivers	
DMX dimmable driver use our TXDEL4A350DMX to run 975mm length (13 LEDs)	
DALI dimmable driver use our TXDEL4A350DALI to run 975mm length (13 LEDs)	
Please see the downloads section on our website	