

LD Line 25 Exterior

25mm Wide Exterior Line of Light



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Design: Light Bureau Project: 10 Bloomsbury Way Product: LD Line 25 Exterior

LD Line 25 is an exterior rated LED homogenous line of light. It is custom made to suit the dimensions on site. Cut increments of 50mm allow lengths to fit into most details, with minimal dark spots. Please note that LD Line 25 Exterior can only be used for internal ground/floor applications.

Key Features

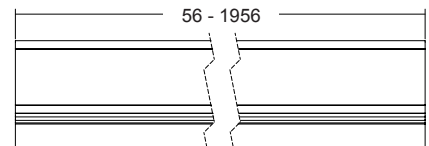
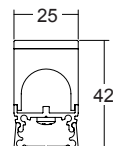
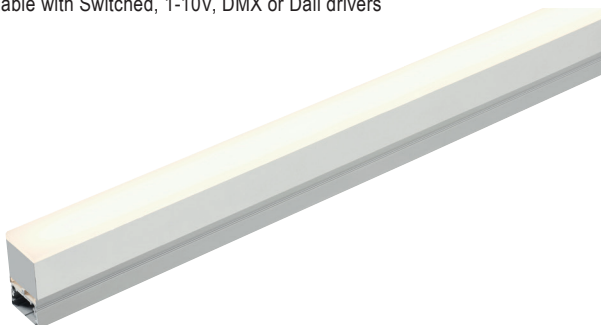
- Completely homogeneous line of light
- No spotting of LEDs
- Multiple lengths can be installed end to end for a continuous line of light
- Custom made lengths from 56mm to 1956mm
- 50mm cut increments
- Minimal recess depth
- Surface or recessed mounted
- First fix channel
- Easy installation with innovative wiring method
- IP67 as standard
- Single colour
- Not flexible
- 15m can be run off one driver, please talk to us about driver locations and distances
- Available with Switched, 1-10V, DMX or Dali drivers

Specification

Applications		
Description	Short pitch tape	
Colour Temperature	2700K / 3000K	5000K
Delivered lumens / m*	390lm/m	410lm/m
Watts / m	9.7W/m	
Lumens per watt*	40lm/w	42lm/w
Voltage (V)	24V DC	
CRI	85	
LED	Osram Flex	
LED cut increments	50mm	
LED spacing	8.3mm	
Min single length	63mm	
Max single length**	1956mm	
LED lifetime	50,000hrs (to 70% lumen output)	
Max ambient temperature	45°C	
Materials	Anodised aluminium, polycarbonate plastic	
Cable length	Bus wire supplied - see installation notes	
IP rating	IP67	

*Lumen data is estimated, we are awaiting photometric testing

**Shipping and practicalities of installation need to be considered when specifying long lengths



(Dimensions in mm)

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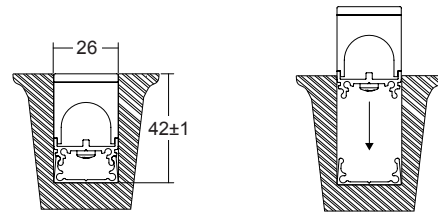
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Fixing and mounting details

The system has two parts. A first fix aluminium channel is screwed to the mounting surface. Allowing the main body to clip into this.

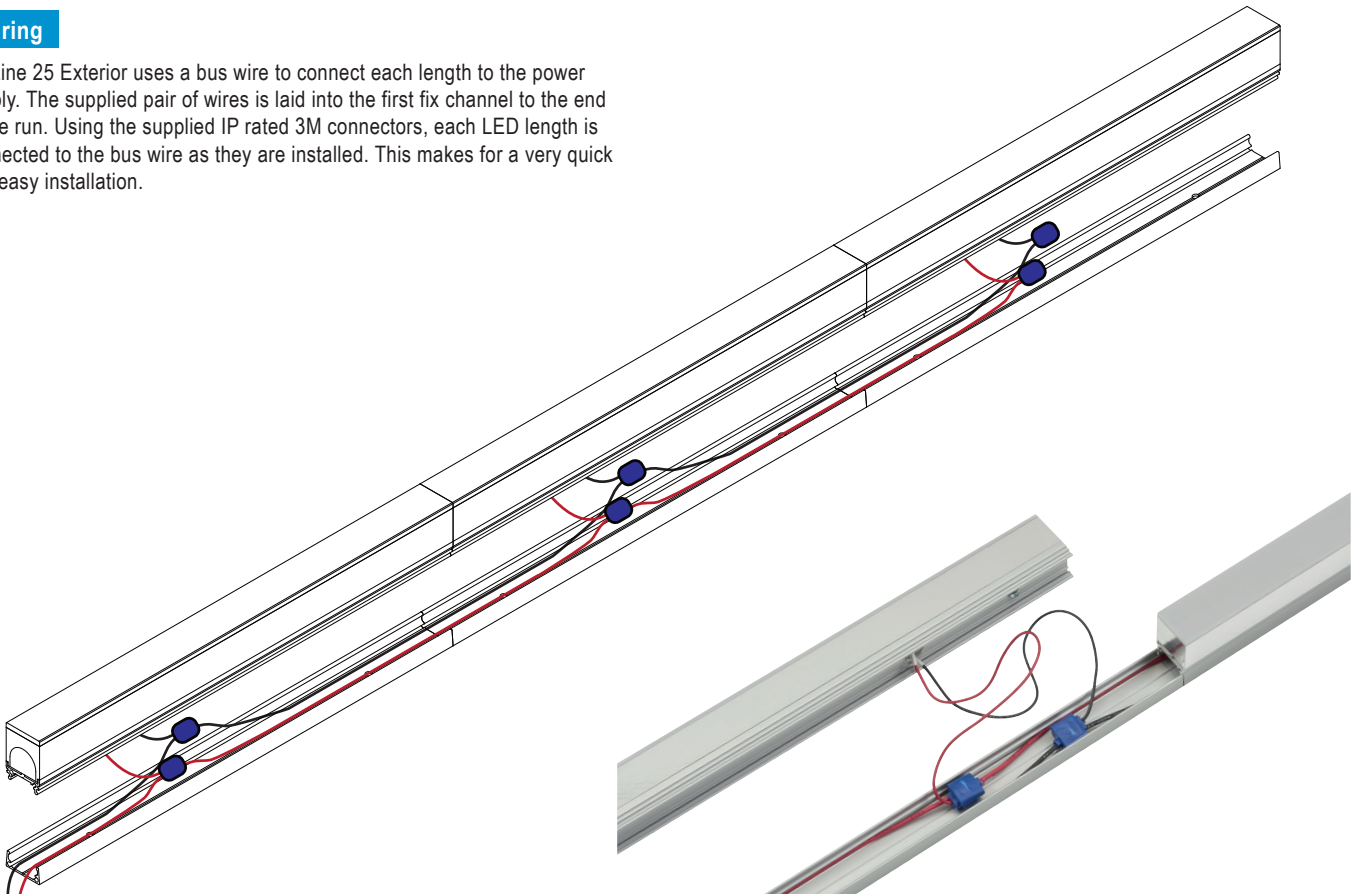


For recessed details the groove needs to be the dimensions listed below:



Wiring

LD Line 25 Exterior uses a bus wire to connect each length to the power supply. The supplied pair of wires is laid into the first fix channel to the end of the run. Using the supplied IP rated 3M connectors, each LED length is connected to the bus wire as they are installed. This makes for a very quick and easy installation.



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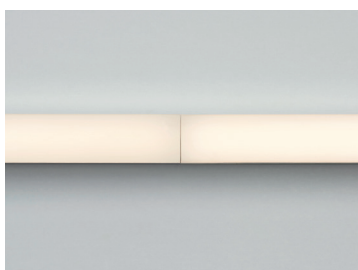
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Multiple lengths

Multiple lengths can be installed end to end to create a continuous line of light. 90deg corners can be accommodated. Angled mitred corners are not possible.



Broad diffused beam



Order Codes and Options

Product code	LED	LED colour	Length
LD Line 25 Exterior	<input type="text"/>	<input type="text"/>	<input type="text"/>

Example: LD Line 25 Exterior / Short / LW30 / 1006mm

LED output options		Suffix
Short	390 lm/m*	/Short
LED colour options		
Extra Warm White (2700K)		/LW27
Warm White (3000K)		/LW30
Cool White (5000K)		/LW50

To be used with 24V constant voltage LED Drivers and Controllers

We offer a range of drivers with 1-10V, DMX, and DALI dimming options. Please download the data sheet from the downloads section at www.lightgraphix.co.uk, or contact us for more information