

LINE 15

EXTERIOR/ INTERIOR LINEAR RIGID



R+R



Colour-Matched. Precision-Cut. Quality-Assured. Built to Blend. Install-Ready.

Trusted by designers for precision, consistency, and total system integration. Our updated and extended Linear range brings that same expertise to flexible and rigid luminaires, giving you the freedom to create clean, continuous lines of light, perfectly matched in colour, quality, and performance across every application.

Line 15 is an exceptionally shallow 24V linear system engineered for indirect applications demanding smooth, spot-free illumination. Developed in collaboration with BWF Germany, its polycarbonate extrusion uses colourLED® technology and an integrated reflector to deliver high light transmission with minimal efficiency loss. At just 15 mm deep, it's ideal for shelves, cabinetry, and other tight architectural recesses where the quality of diffusion is critical.

Each fitting is built to order and tested in-house, providing precise lengths, clean visual continuity, and reliable performance across interior applications.



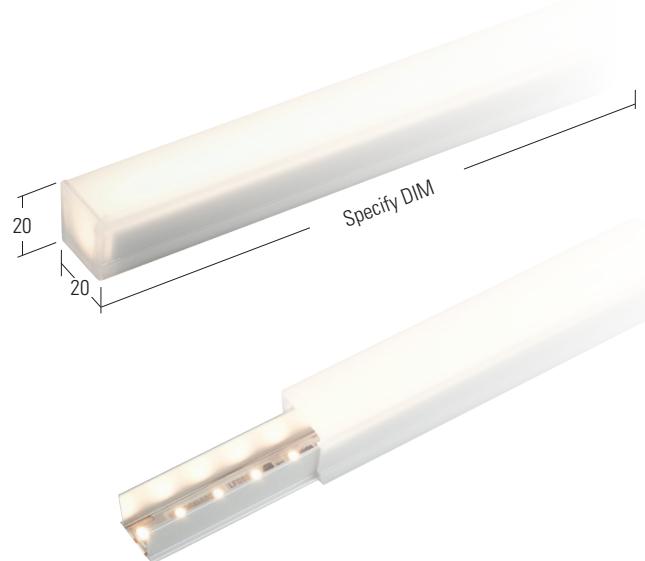
No spotting when used over reflective/polished surfaces

KEY FEATURES

- > Colour-matched to the full LightGraphix range for uniform illumination across all luminaire types
- > Ultra-shallow 15 mm depth for confined details
- > Built-in reflector and colourLED® polycarbonate for flawless diffusion
- > Colour-matched LEDs within 2-step MacAdam ellipse
- > Continuous lengths up to 4.013m; custom-made to 1mm accuracy
- > Various LED outputs
- > Rigid profile with minimal 1mm end caps
- > Wide ambient temperature range from -20°C to 55°C
- > IP54 as standard; IP67 version available for wet areas
- > Range of mounting options
- > Dimming: Switched, 1-10 V, DMX, DALI
- > Designed, manufactured, and tested in the UK

DIMENSIONS

For fixings and dimensions please go to page 3.



WHITE LED ENGINE SPECIFICATION

Engine	LT500	LT900	LT1400	LT2000
Colour temperature*	2200K, 2400K, 2700K, 3000K, 4000K, 5000K	2200K, 2400K, 2700K, 3000K, 4000K, 5000K	2200K, 2400K, 2700K, 3000K, 4000K, 5000K	2200K, 2400K, 2700K, 3000K, 4000K, 5000K
Typical LED Circuit Wattage/m	3W	6W	9W	13W
Delivered lumens (L ₁₀₀)*	267	533	800	1106
Delivered lm/Circuit W**	81	81	80	77
Source LED lm/m	494	987	1481	2048
Source lm/W	165	165	165	158
Forward voltage (V ₁₀₀)	24V	24V	24V	24V
CRI	90+	90+	90+	90+
Colour consistency	2 SDCM	2 SDCM	2 SDCM	2 SDCM
LOR	0.54			
Colour Consistency	2 SDCM			
LED Lifetime	L80B50 at 50,000hrs			
Applications	       			

These values are based on LINE 15/3000K/1000mm

*See lumen variance table to the right for lumens apply across all colour temperatures

**LED wattage includes losses associated with using a 90% efficient driver

Lumen variance by CCT	
2200K	-20%
2400K	-11%
2700K	-4%
3000K	0%
4000K	3%
5000K	6%

MECHANICAL

Ambient temperature	-20°C to 45°C*
Materials	Anodised aluminium, polycarbonate colourLED® profile polycarbonate end caps
Weight of product (per m)	173.3g/m
IP rating	IP54 (IP67 option)
Cable	Pre-Wired 2 core silicon cable 1000mm (custom length on request)
Wiring	Parallel constant voltage wiring 24V
Max. Installed Length	4.013m

*For higher temperatures please contact sales@lightgraphix.co.uk

**Custom length on request

ENVIRONMENTAL

TM65	Available on request
TM66	2.2

THE LINEAR RANGE THAT YOU WOULD EXPECT FROM LIGHTGRAPHIX

Trusted by designers for precision, consistency, and total system integration. Our updated and extended Linear range brings that same expertise to flexible and rigid luminaires, giving you the freedom to create clean, continuous lines of light, perfectly matched in colour, quality, and performance across every application.

Colour-Matched

Developed using LightGraphix-engineered LED tape, tightly binned within a two-step MacAdam ellipse. Every luminaire is visually and chromatically matched across our full range from downlights and uplights to spotlights and linear delivering consistent light quality and tone throughout the project.

Precision-Cut

Every fitting is made to measure in our UK operations - cut, connected, moulded, and IP-tested in-house. With 1mm cutting accuracy and continuous lengths, each product delivers technical precision and a flawless finish, ensuring your specification is realised exactly as intended.

Quality-Assured

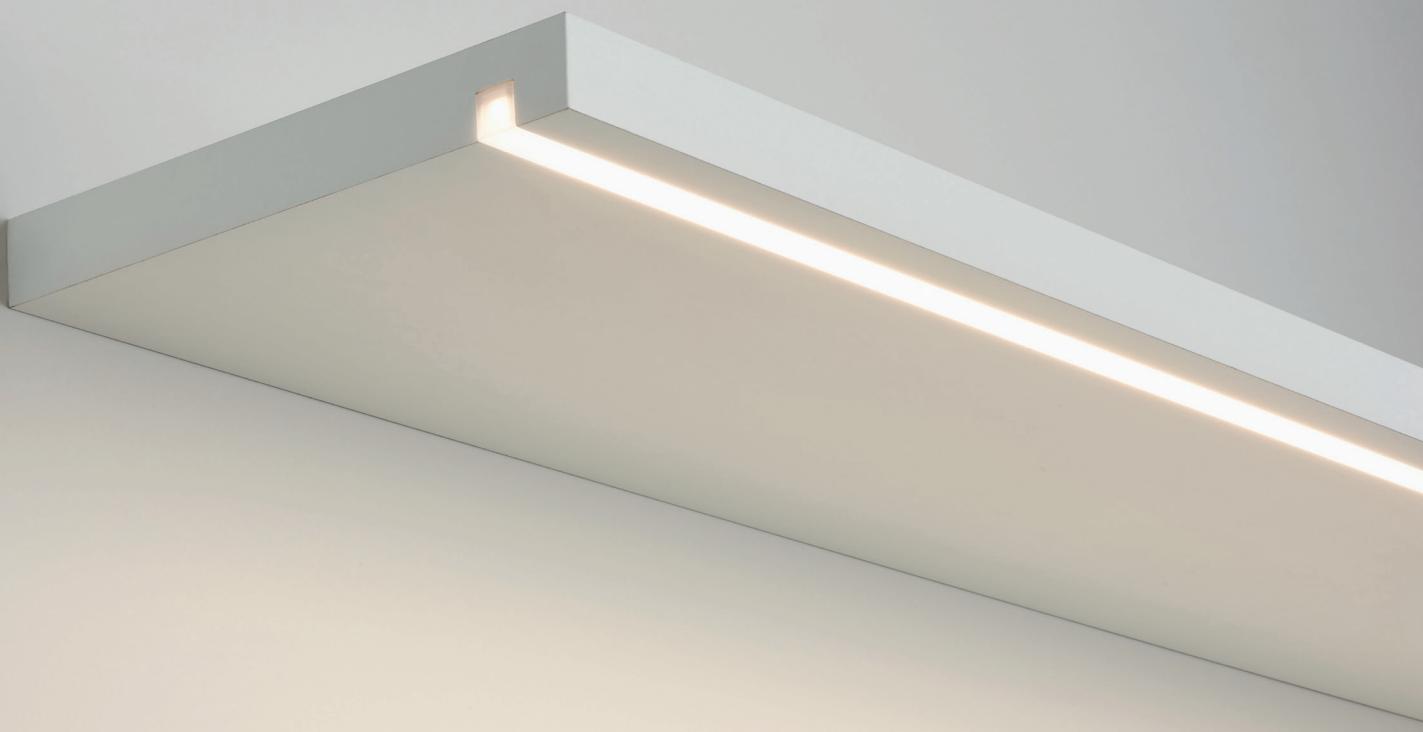
Engineered for durability and optical precision, every LightGraphix Linear Rigid fitting undergoes full in-house quality testing for output consistency, colour uniformity, and thermal performance. Constructed from high-grade aluminium and polycarbonate extrusions with specialist diffusers, the range offers proven resistance to impact, UV, and environmental degradation. Designed for longevity and absolute reliability.

Built to Blend

Designed to give you ultimate flexibility for your lighting design, each Linear product integrates seamlessly with our wider portfolio. Flexible and Rigid options share the same light engines, allowing continuous lines of light that sit discreetly within the architecture and maintain design integrity.

Install-Ready

Manufactured, assembled, and tested through our UK operations for dependable performance and rapid turnaround. Custom lengths, pre-moulded connections, verified IP ratings, and a 5-year warranty reduce on-site work, minimise risk, and ensure every luminaire arrives ready to install.



DIMENSIONS & MOUNTING OPTIONS

Dimensions in mm

/NF No fixing supplied

A No fixing supplied product is bonded directly into mounting surface. Ideal for routed grooves in 30mm thick shelves.

/3M 3M adhesive tape

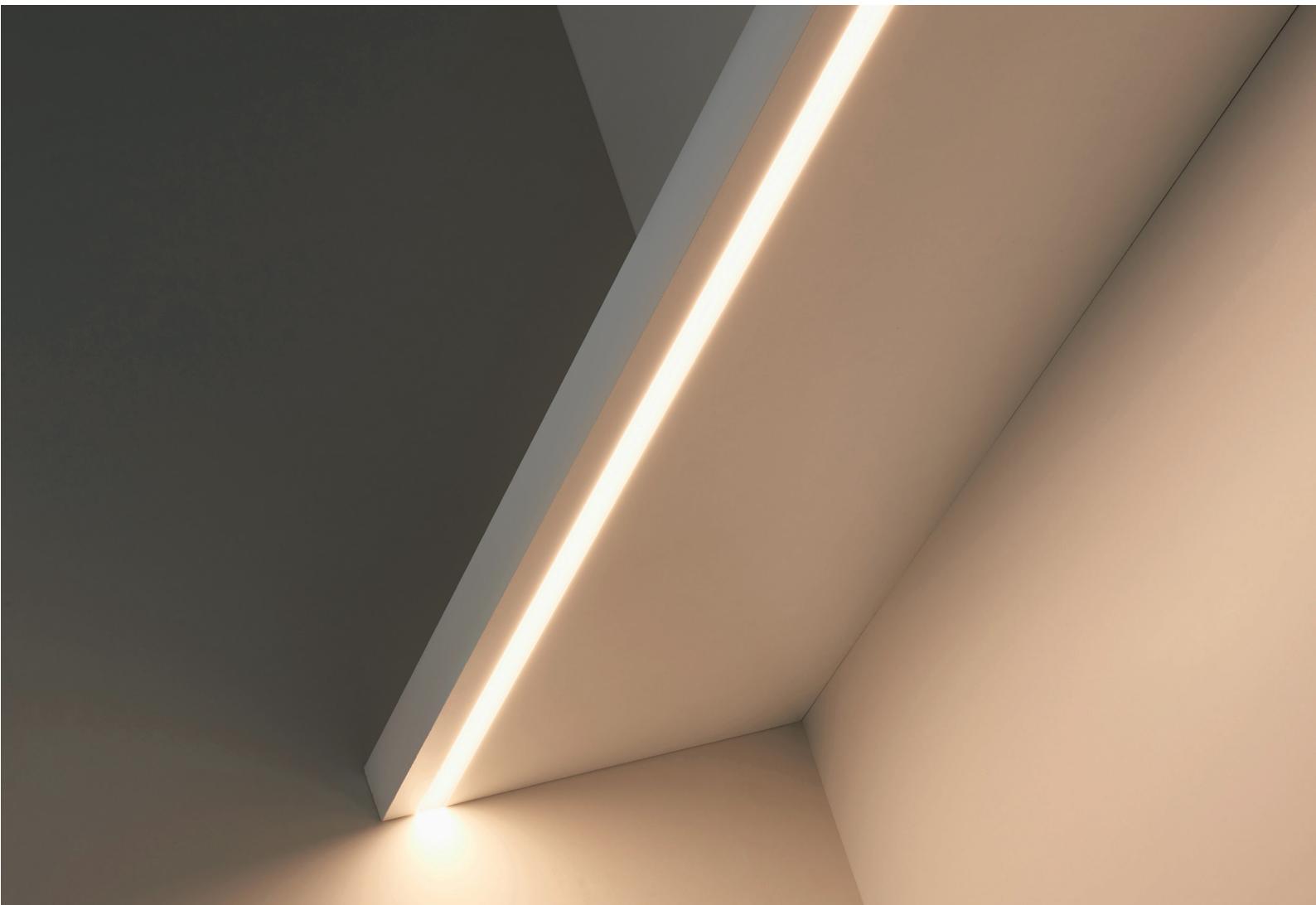
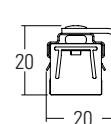
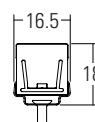
Is suitable for most applications and will provide a very good bond to metal, wood and painted surfaces. 1mm thickness allows for any bumps in the mounting surface. Ideal for routed grooves where the fitting needs to sit flush. Indoor only applications.

/SC Spring clips

Stainless steel fixing clips are ideal for exterior environments. For example under steps or around water features.

/LBM 'L' bracket mounting with spring clips

Ideal for mounting under steps where access may be restricted.



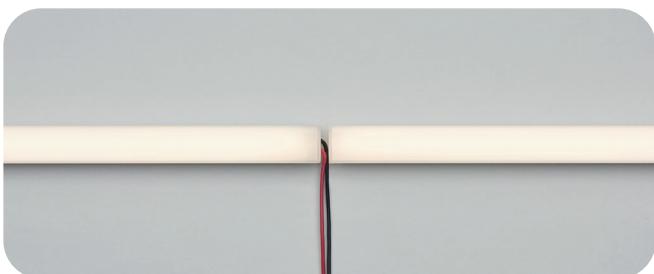
END CAPS

End caps are only 1mm thick, and the material matches the linear profile, enabling a very neat join between two non-cable feed ends. The images show the IP54 rated version. Please see page 4 for a note on IP67 lengths.

2 x 4m lengths can be used to create an 8m run



If more than 2 lengths are used (over 8m run) then they would need to be arranged as per below



IP67 RATED

/IP67

LD Line 15 can be supplied as IP67. This can very useful for lighting the edges of ponds or water features, where the LED can be seen in the reflection of the water. To achieve an IP67 rating, resin is used to seal each end of the product. This produces a 15mm break between the end of the product and the LED. The result is a slightly less bright zone at each end.



No spotting when used over reflective water surfaces

ORDER CODES & OPTIONS

Example: LINE15-LT500-14W/927/IP54/SC/5000mm

Light Engine & Drive Current

LED Colour

IP Rating

Fixing Option

Length

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LT500

24V 3W/m	LINE 15-LT500
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Super Warm White (2200K)	/922
Very Warm White (2400K)	/924
Extra Warm White (2700K)	/927

IP54 (Standard)	/IP54
IP67 (Rated for wet environments)	/IP67



/NF

LT900

24V 6W/m	LINE 15-LT900
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Warm White (3000K)	/930
White (4000K)	/940
Cool White (5000K)	/950



/3M

LT1400

24V 9W/m	LINE 15-LT1400
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/SC

LT2000

24V 13W/m	LINE 15-LT2000
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/LBM

Drivers

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

We have a wide range of LED drivers available. Please see the downloads section of our website.