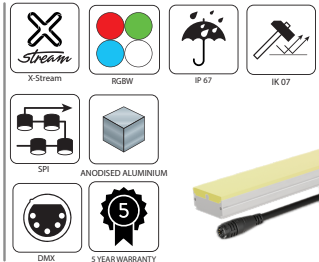


LINEAR BAR SERIES | DIRECT VIEW LINEAR PIXEL BAR

The LX B is a modular, high-performance architectural lighting system designed to solve the challenges of lighting building facades for both retrofit and new builds.

Utilising LED CTRL's X-Stream technology, it supports runs up to 96 meters on a single power and data feed, simplifying wiring and access issues.

Installations is fast and easy using push-lock cable connectors and quick lock mounting into the channel. The LX B's robust design ensures reliability and long-term consistent performance.

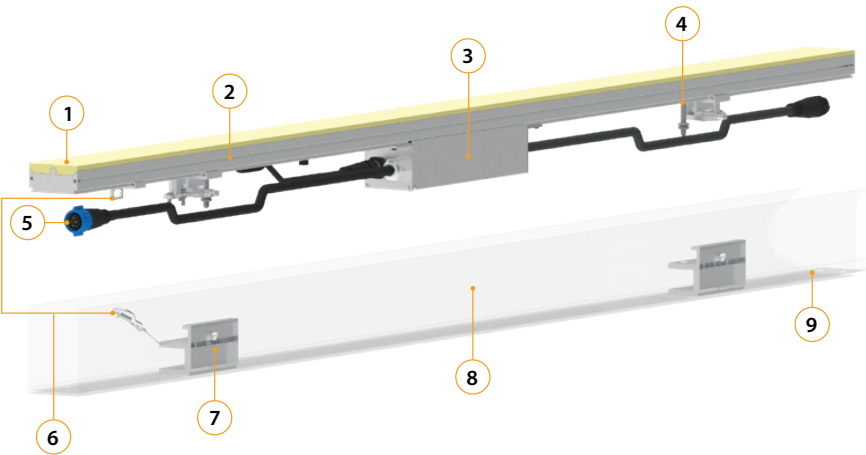


PART NUMBER CONFIGURATOR

Prefix	Model	Pixels / m	Length	LED Colour	White Colour	Control	Voltage	Lens Options	Housing Colour
LXB	F – Façade R – Roofline	1 2 3 4 5 6 7 8 9 10	1500 – 1500mm C – Custom	RGBW RGBA RGB DW – Dynamic White (20K – 50K) W – White (24K-60K)	24K – 2400K 27K – 2700K 30K – 3000K 35K – 3500K 40K – 4000K 50K – 5000K 60K – 6000K	D – DMX S – SPI X – X-Stream	AC – 100-277V AC	W – White G – Grey	A – Aluminium C – Custom RAL

Example: LX B – F – 10 – 1500 – RGBW (60K) – X – AC – W – A

A CLOSER LOOK AT THE PRODUCT



- 1 PMMA Diffuser
- 2 8px/m RGB(W) LED
- 3 Removable PSU/Control Unit
- 4 Locating Pin
- 5 IP68 Push Lock Connectors
- 6 Fall Arrest Backup (2 parts)
- 7 Quick Install Lock Mechanism
- 8 LX B Mounting Channel
- 9 Channel Alignment Slot

LINEAR BAR SERIES | DIRECT VIEW LINEAR PIXEL BAR

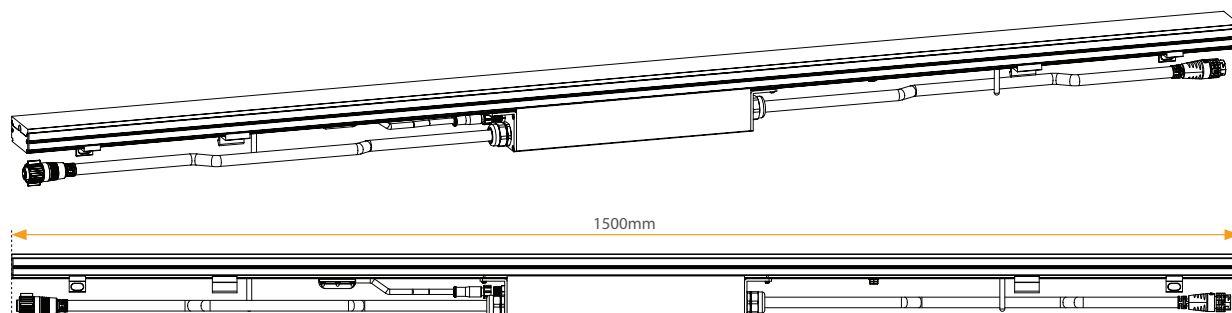
SPECIFICATIONS

Electrical	Power Consumption Power and Data Throguh-Wiring Rated Current Inrush Current Leakage Current Operating Voltage Operating Temperature	14W per meter (fixed, standard configuration) IP66 push lock connectors 0.583A 0.2mA/m 0.75mA @277AC/60Hz 100-277 AC, 50/60Hz Integral PSU -20°C TO 50°C (-4°F TO 122°F)
Physical	Dimensions Housing Weight Connectors IK Rating IP Rating Finish Mounting Options Source Life Maximum Run Lengths Cable Length CRI LED Arrangement Mounting	L: 1500mm – W: 45mm – H: 93mm Aluminium + PMMA 4.4kg (1500mm light) – 3.3kg (1500mm channel) – 6.6kg (3000mm channel) Multipin IP68 Connectors IK07 IP66 Anodised Brushed Aluminium, Custom RAL colours available LXB Channel 50,000 hours/L70 at 25°C 96m @8pixels/m – 6 universes 48m @8pixels/m – 3 universes Up to 100m leader and joiner cable 80 Double In-Line Arrangement (Standard White PMMA Diffuser) Triple In-line Arrangement (Black PMMA Diffuser) Straight, Corner, Recessed with Mounting Channel Accessories
Optical	Beam Angle Colour Range Accurate Colour Control LED Type Pixel Resolution	120° – Direct View White (2400K, 2700K, 3000K, 3500K, 4000K, 5000K, 6000K), RGB, RGBW, RGBA, Dynamic White (2000K-5000K) RGBW configurations with selectable CCT SMD LED – TRI or Quad chip Standard 8 pixels/m
Diming & Control	Control Protocols Dimming Resolution	X-Stream: protocol with data redundancy and SPI, DMX 8 bit resolution doing 65536 steps with built in gamma 2.2, 12-bit, 14-bit, 16-bit
Fixture Rating & Certifications	IP66 / EMC / SAA	  
Limited Warranty	5 years	Extendable Warranty Available

LINEAR BAR SERIES | DIRECT VIEW LINEAR PIXEL BAR

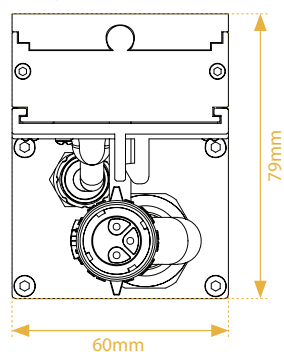
DIMENSIONS

Dimensions of Light

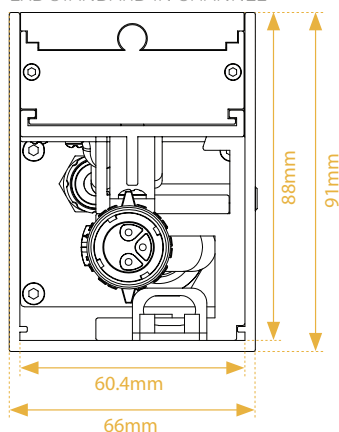


Dimensions of Channel

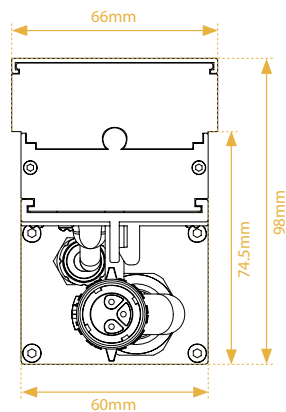
LXB STANDARD



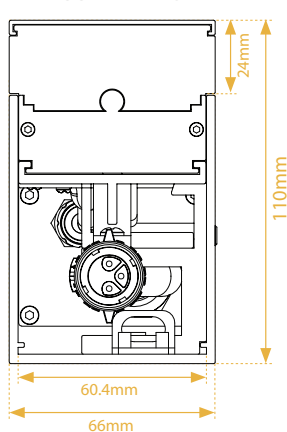
LXB STANDARD IN CHANNEL



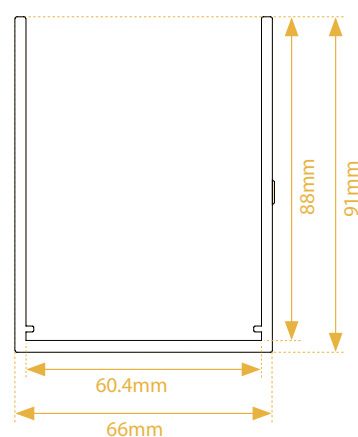
LXB ROOFLINE



LXB ROOFLINE IN CHANNEL



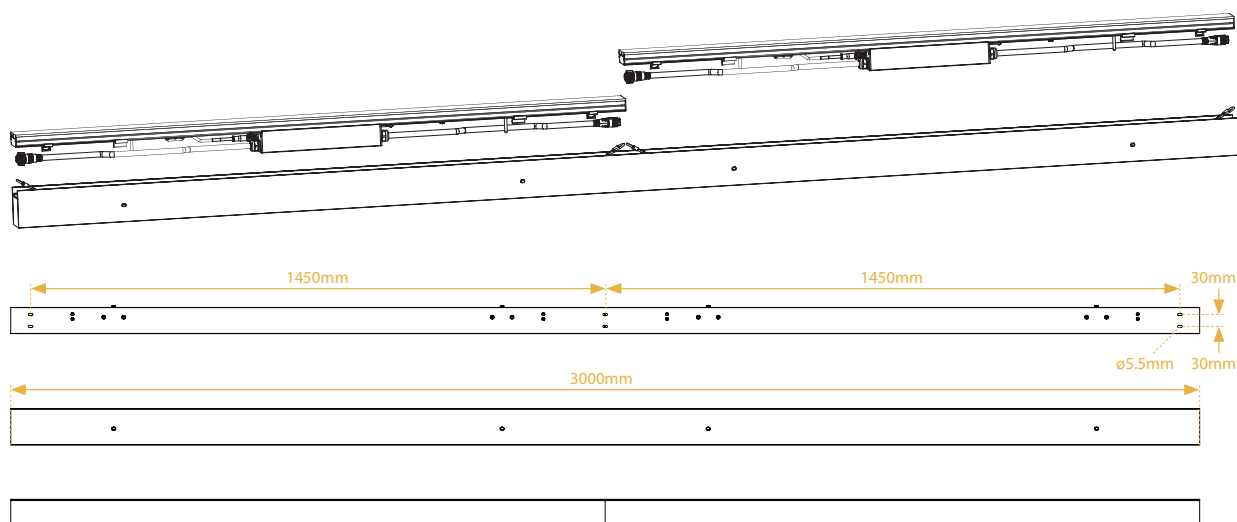
LXB CHANNEL



LINEAR BAR SERIES | DIRECT VIEW LINEAR PIXEL BAR

DIMENSIONS

Dimensions of Channel



LINEAR BAR SERIES | DIRECT VIEW LINEAR PIXEL BAR

WIRING INFORMATION

Typical Wiring Diagram

