

LINEAR BAR SERIES

DIRECT VIEW LINEAR PIXEL BAR

The LXB 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 LXB's robust design ensures reliability and long-term consistent performance.

X-Stream

RGBW

IP 67

IK 07

SPI

ANODISED ALUMINIUM

DMX

5 YEAR WARRANTY

PART NUMBER CONFIGURATOR

Prefix	Model	Pixels / m	Length	LED Colour	White CCT	Control	Voltage	Housing Colour	Mounting
LXB	F – Façade R – Roofline	1 – 1pixel/m 2 – 2pixels/m 3 – 3pixels/m 4 – 4pixels/m 5 – 5pixels/m 6 – 6pixels/m 7 – 7pixels/m 8 – 8pixels/m 9 – 9pixels/m 10 – 10pixels/m	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	A – Aluminium S – Silver B – Black W – White C – Custom RAL	S – Straight C – Corner R – Recessed

Example: LXB – F – 4 – 1500 – RGBW – 27K – D – AC – A – S

A CLOSER LOOK AT THE PRODUCT

1

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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




LXB Mounting Channel

9

Channel Alignment Slot

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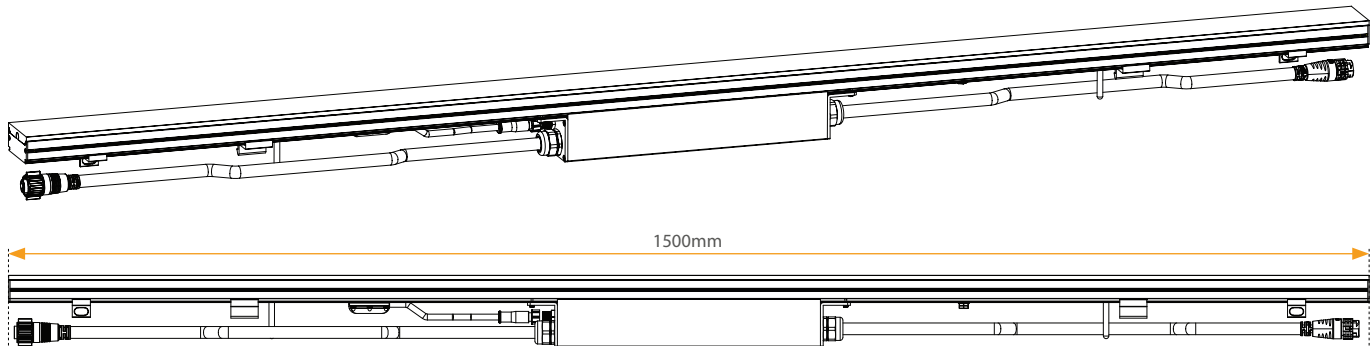
SPECIFICATIONS

Electrical	Power Consumption Power and Data Through-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, Silver, Black, White, Custom RAL 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

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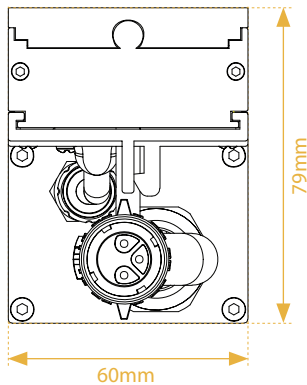
DIMENSIONS

Dimensions of Light

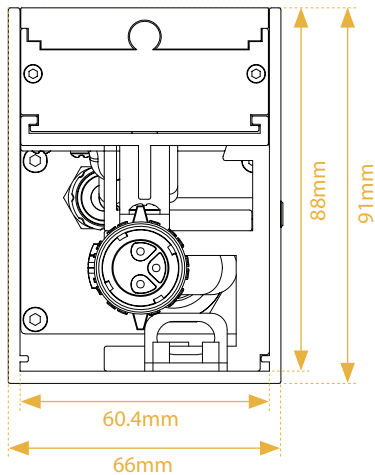


Dimensions of Channel

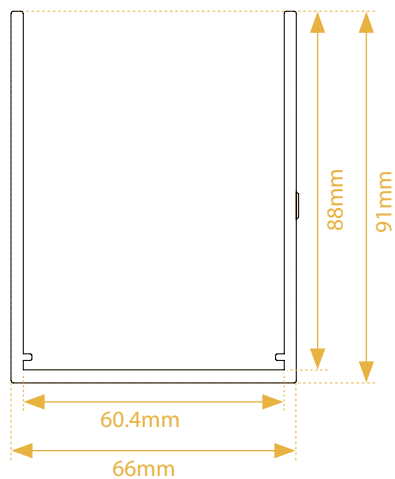
LXB STANDARD



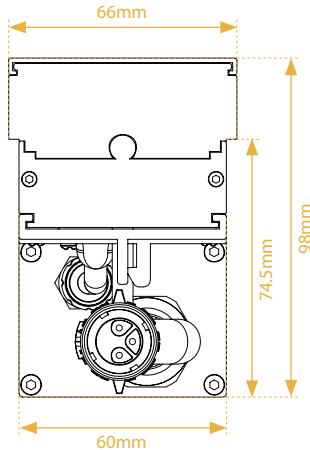
LXB STANDARD IN CHANNEL



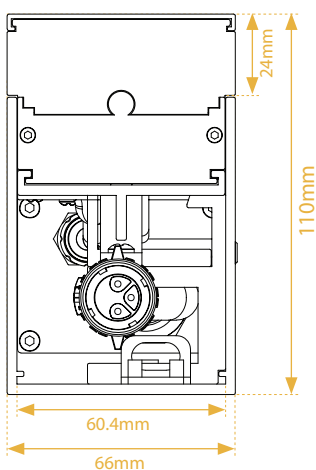
LXB CHANNEL



LXB ROOFLINE



LXB ROOFLINE IN CHANNEL

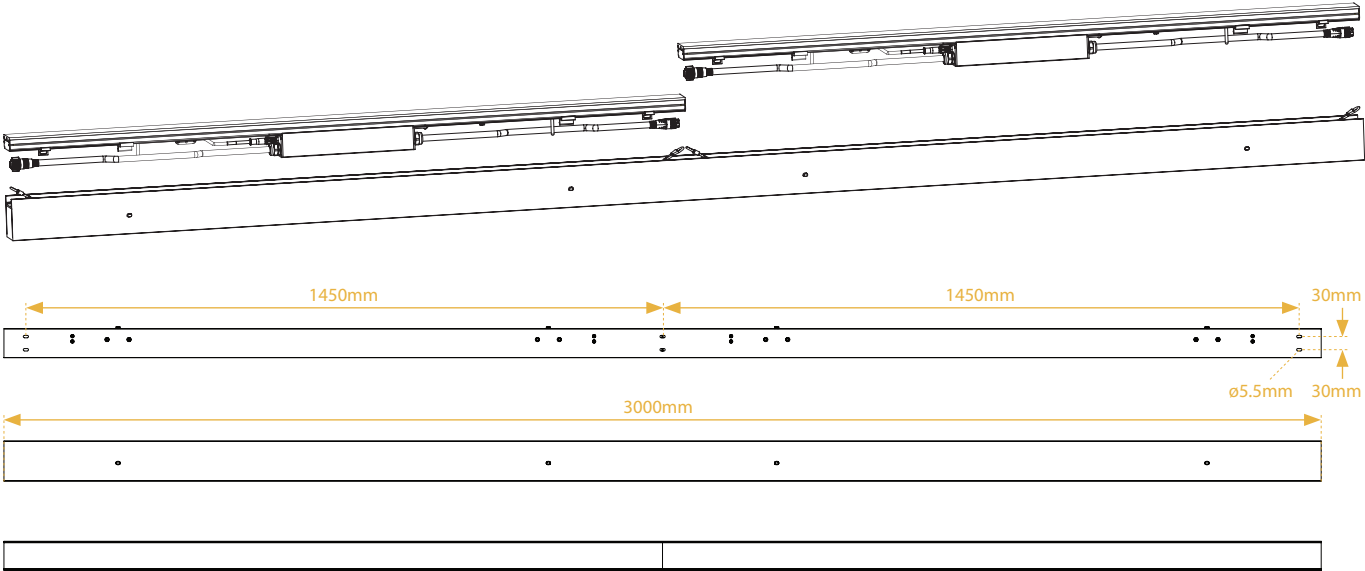


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DIMENSIONS

Dimensions of Channel



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WIRING INFORMATION

Typical Wiring Diagram

