

LumiPixel Slim

Static White and RGBW Combined Source



Date: _____ Quantity: _____
Company: _____
Project: _____

A slim-profile pixel bar offering three diffusion options for tailored light effects. Designed for architectural projects, it provides smooth transitions and precise control over lighting. With its vibrant color rendering and versatile performance, it's an ideal solution for dynamic lighting in a wide range of settings.

FEATURES

- Sleek, compact and low-profile design
- Precise color mixing and diffusion
- Anti-UV flat acrylic diffusion
- High Density Aluminium alloy housing
- Multiple diffusion options for flexibility

PERFORMANCE AND COMPLIANCE



PureDim Pro™

QUICK SPEC

Color Temperature	1800K, 2700K, 3000K, 4000K, 5000K, 5700K, 6500K
Color Option	RGB Triple Chip, Adjustable White with 1800K, 2700K, 3000K, 4000K, 5000K, 6500K
Length	250mm [9.84"], 500mm [19.69"], 1000mm [39.37"]
Optics	- 110° x 220° (Square Acrylic) - 110° x 110° (Clear Cover)
Power Consumption	3W (250mm), 6W (500mm), 12W (1000mm)
Voltage	15-24VDC
Dimming	DMX, RDM

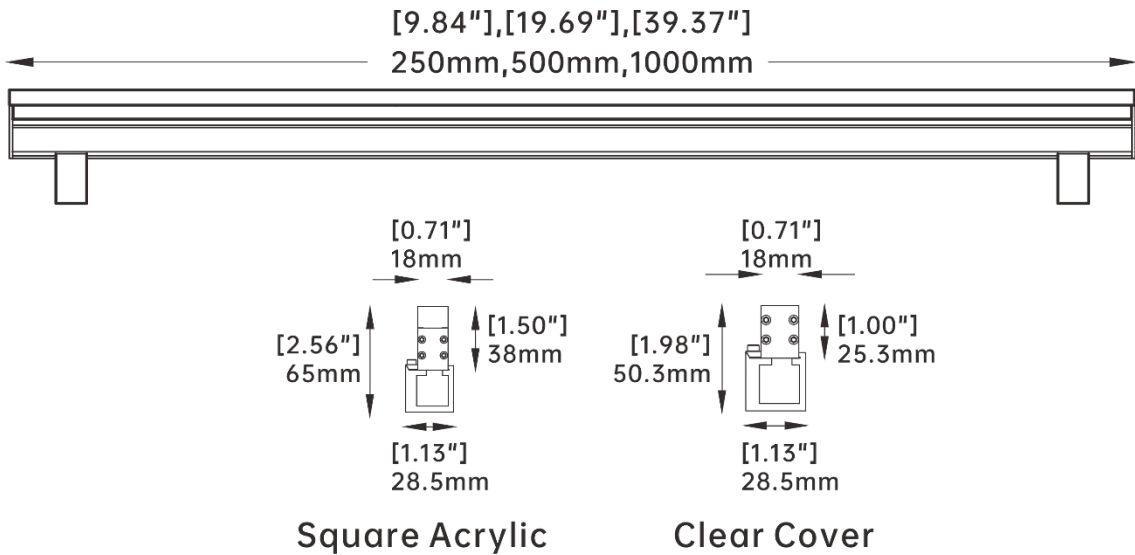
Noted: - Slight variations in light uniformity are possible due to the inherent properties of the acrylic material
- Color temperature in static white may vary by up to 7% due to optical and material variations, particularly in diffused acrylic applications.

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PHYSICAL

Housing Material	6063 high density extruded aluminium alloy
Optical Material	Acrylic diffuser
Surface Finishing	Powder coating available in - RAL9001 White - RAL9006 Grey - RAL9011 Black - RAL9023 Dark Grey

DIMENSIONS



ENVIRONMENT

Storage Temperature	-30°C to 60°C
Operating Temperature	-20°C to 50°C
Ingress Protection Rating	IP66

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MAXIMUM DAISY CHAIN LIMITS

The maximum number of connected fixtures in a daisy chain (Power):

Power Per Meter	Input Voltage	Max. run length includes power feed to the end of the fixtures in the daisy chain	Max. no of 1-Meter fixtures can be clustered on a single contiguous run	Max. power allowable in a daisy chain
12W	15-24V	15 Meters	8 pcs	100W

The maximum number of connected fixtures in a daisy chain (Signal):

Pixel per Meter	No. of Channels	Protocol	Max. no. of 1-Meter fixtures can be clusted
1 pixel	4 Channels	DMX 512	128 nos.
10 pixels	40 Channels		12 nos.
20 pixels	80 Channels		6 nos.

Note:

- The actual maximum daisy chain limit may vary based on the gauge of the leading cable and the specific installation conditions. The values provided are recommended guidelines and should be considered as such. Please ensure that all installations comply with local electrical codes and safety standards.

CONTROL TYPE AND DIMMING OPTIONS

Control Type and Grouping Configurations for 1 Meter Fixtures

Control Type Option	DMX RDM Personality	No. of Channels
Pixel per Fixture	1 group	4
10 Pixels per Meter	10 groups	40
20 Pixels per Meter	20 groups	80

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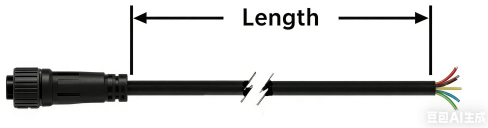
CABLE CORE COLOR CODING

Cable	Function	Core	Wire Size
Power and Data Combined Lead in and Interlink Cable	DC+	Red	1.0mm ²
	DC-	Black	1.0mm ²
	DMX+	Yellow	0.5mm ²
	DMX-	Blue	0.5mm ²
	DMX GND	Green	0.5mm ²

CABLEING & CONNECTIVITY (Order Separately)

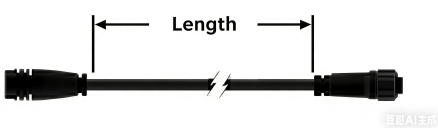
Leading Cable

Function: Power and Data Combined Lead-in
ITEM: ECDCF(M12)–LENGTH–5pin



Interlink Cable

Function: Power and Data Combined Lead-in
ITEM: ECDCL(M12)–LENGTH–5pin



LENGTH: 300–300mm[0.98’], 1800–1800mm[5.91’], 6000–6000mm[19.66’]

TERMINATION (Order Separately)

DMX Terminator

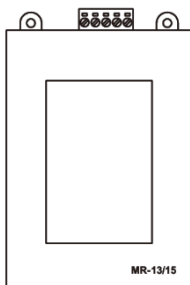
Function: DMX Terminator
ITEM: DMX(M12)-Term-DC-5pin-M



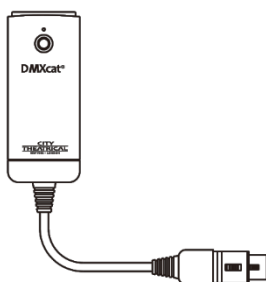
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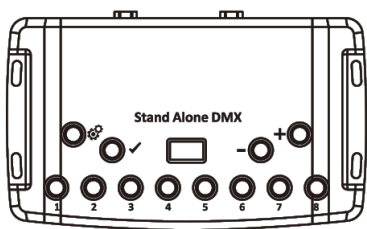
DMX and RDM Control Accessories (Order Separately)



Item: MR-WT25
Brand: MR Technology
Function: DMX Address Writer and Tester
Description: A portable, handheld device supporting DMX512 and RDM protocols, allowing for DMX channel programming, testing, and control with a USB Type-C power supply.



Item: DMXcat™
Brand: City Theatrical
Function: RDM Address Writer and Tester
Description: A compact, battery-powered tool for DMX and RDM control via Bluetooth, supporting DMX testing, RDM monitoring, and DIP switch configuration through a smartphone app.



Item: LPSA 512
Brand: Chromateq
Function: DMX Controller
Description: The Chromateq LPSA512 is a compact DMX interface with 512 channels, offering scene storage and playback without a computer. It supports real-time clock and IR control, ideal for smaller setups.

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PARTCODE BUILDER

EXAMPLE CODE: DPBS.10.30.SA.DMX-PB-US

Series	Length	Color Option	Diffuse Option	Control	Finish	Area
DPBS LumiPixel Slim	02 250mm	18 1800K	SA Square Acrylic	DMX DMX	PW White	EU EUROPE
DPBS-SW LumiPixel Slim Static White	05 500mm	27 2700K	CC Clear Cover	RDM-P1 Pixel per Fixture	PG Grey	US USA
	10 1000mm	30 3000K		RDM-P10 10 pixels per Meter	DG Dark Grey	
		40 4000K		RDM-P20 20 pixels per Meter	PB Black	
		50 5000K				
		57 5700K				
		65 6500K				

- Remarks:**
- Customized marine-grade coating available
 - Customized RAL color coating available
 - Slight variations in light uniformity are possible due to the inherent properties of the acrylic material
 - Color temperature in static white may vary by up to 7% due to optical and material variations, particularly in diffused acrylic applications.

Luminoscape regularly enhances its optics for ongoing product improvement. Luminoscape reserves the right to modify the optics without prior notice. For repeated or project orders requiring the same optic and control; kindly include the relevant Luminoscape invoice number (LS-INVxxxxx) in the purchase order.

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Statement of Limited Warranty

Disclaimer of Warranty:

Luminoscape products are tested and manufactured to meet the highest quality standards. We offer a limited warranty that covers defects in materials and workmanship for a period of 5 years from the date of purchase for standard products, and 3 years for inground and customized products. For customized products, please consult your sales representative for confirmation of warranty terms. The determination of whether a product is defective will be made by Luminoscape. Should any product be deemed defective in materials or workmanship, Luminoscape will, at its discretion, repair or replace the product at no charge. Luminoscape reserves the right to use similar, new, repaired, or remanufactured products or parts as part of this limited warranty process.

This warranty is expressly limited to the repair or replacement of the product. In no case shall the total remedy exceed the purchase price of the defective product. Luminoscape shall not be liable for any incidental or consequential damages arising from or related to the use of the products.

Warranty Period:

Luminoscape provides a standard warranty of 5 years for our products. For inground and customized orders, the warranty period is 3 years. In exceptional cases, further details regarding the warranty period may be discussed with your sales representative.

Warranty Protection:

This limited warranty does not apply where

- Products that have been improperly modified, adjusted, repaired or any alterations.
- Products that are damaged due to improper installation or connection not in accordance with the product wiring diagram.
- Products that have been improperly modified, adjusted, repaired or any alterations.
- Damage from any "Acts of God" includes floods, lightning, landslides, earthquakes, tornadoes, hurricanes and wildfires.
- Damage results from electrical power surges and spikes.
- Products used in an inappropriate environmental conditions (temperature, humidity, moisture, etc.) outside the normal specified range.
- Electrical power surges and spikes.
- Products are damaged due to chemical exposure or corrosion.
- Products have exceeded their operational lifespan as specified in the product documentation.
- Please consult your sales representative for any specific warranty questions or concerns.

Remark: No distributor or supplier of Luminoscape has the authority to modify or amend this Limited Warranty. This warranty may not be transferred or assigned by the original end user.