

BlazeMini Recessed
RGBW Combined Source



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

BlazeMini RGBW Recessed provides an efficient indoor linear lighting solution with recessed louver options. Its sleek design ensures excellent optical performance and lumen efficiency, offering a stylish and functional choice for various applications.

FEATURES

- Recessed design for seamless integration
- Integrated anti-glare louver
- Durable aluminum housing
- Ideal for uniform, low-glare indoor lighting

PERFORMANCE AND COMPLIANCE



QUICK SPEC

Color Options	RGB, Adjustable White with Quad Chip at 2700K, 3000K, 4000K, 6500K
Length	500mm [19.69"], 1000mm [39.37"]
Optics	30°, 50°, 15°x25°, 20°x45°
Power Consumption	24W (500mm), 48W (1000mm)
Voltage	24VDC
Dimming	DMX, RDM

PHYSICAL

Housing Material	6063 high density extruded aluminium alloy
Lens Material	Optical grade PMMA
Cover	Silk screen tempered glass
Surface Finishing	Powder coating available in RAL9011 Black

ENVIRONMENT

Storage Temperature	-30°C to 60°C
Operating Temperature	-20°C to 50°C
Ingress Protection Rating	IP44

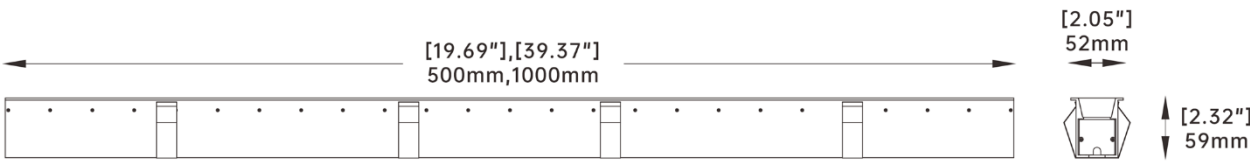
Specifications are subject to change due to updates and innovations. Check our website for the latest technical data. The information serves as an estimate and may differ by power supply and installation. All rights reserved.

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DIMENSIONS



MAXIMUM DAISY CHAIN LIMITS

Power	Max. run length includes power feed to the end of the fixtures in the daisy chain	Max. no of assorted length of fixtures can be clustered on a single contiguous run	Max. power allowable in a daisy chain
24W per 500mm	15 Meters	5 pcs	120W

- 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.

CABLE CORE COLOR CODING

Cable	Function	Core(US)	Wire Size	Core(EU)	Wire Size
Power lead in/ Power extension	DC+	Red	16AWG	Brown	1.0mm ²
	DC-	Black	16AWG	Blue	1.0mm ²
Data lead in	DMX+	Purple	20AWG	Purple	0.5mm ²
	DMX-	Pink	20AWG	Grey	0.5mm ²
	DMX GND	Yellow	20AWG	Yellow	0.5mm ²

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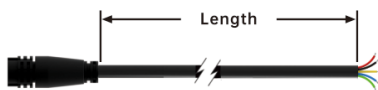
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CABLEING & CONNECTIVITY (Order Separately)

Leading Cable

Function: Power and Data Combined Lead-in

ITEM: ECDCF-**LENGTH**-5pin

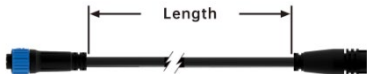


LENGTH: 300–300mm[0.98'], 1800–1800mm[5.91'], 6000–6000mm[19.66']

Interlink Cable

Function: Power and Data Combined Extension

ITEM: ECDCL-**LENGTH**-5pin



LENGTH: 300–300mm[0.98'], 600–600mm[1.97'], 1800–800mm[5.91']

DMX Terminator

Function: DMX Terminator

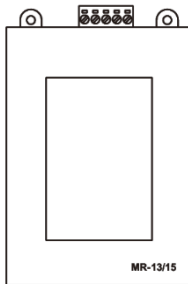
ITEM: DMX-Term-DC-5pin-M



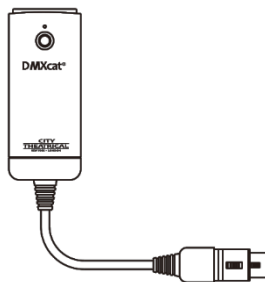
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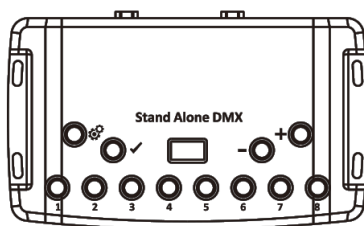
DMX and RDM Control Accessories (Order Separately)



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: BM-**RGBW**.**06**.**30**.**50**.**DMX**-**PB**-**US**

Series	Length	CCT	Optic	Control	Finish	Area
BM-RGBW BlazeMini Recessed	05 500mm	27 2700K	30 30°	DMX DMX	PB Black	EU EUROPE
	06 600mm	30 3000K	50 50°	RDM RDM		US USA
	10 1000mm	40 4000K	1525 15°x25°			
	12 1200mm	65 6500K	2045 20°x45°			

Remarks:

- Customized optic available
- Customized coating available
- Due to pitch differences, it's not recommended to combine metric and imperial lengths within a single run
- Due to the quad chip configuration, the static white CCT may vary by up to 10%

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 (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.