

BlazeLine Max**RGBW Combined Source**

Date: _____ Quantity: _____

Company: _____

Project: _____

BlazeLine Max RGBW Combined Source is a versatile linear lighting solution that integrates seamlessly into any architecture. Available in three standard lengths, it offers flexibility while delivering superior lighting and easy installation. With advanced control and dimming options, including LumiMax™ technology, it enhances lumen output with each adjustment for optimal ambience.

FEATURES

- LumiMax™ Technology: Increases lumen output
- Four Control Modes for versatility
- Durable aluminum housing
- Optional anti-glare louvers available
- Various beam angles for precise control

PERFORMANCE AND COMPLIANCE

ThermoSafe™



PureDim Pro™



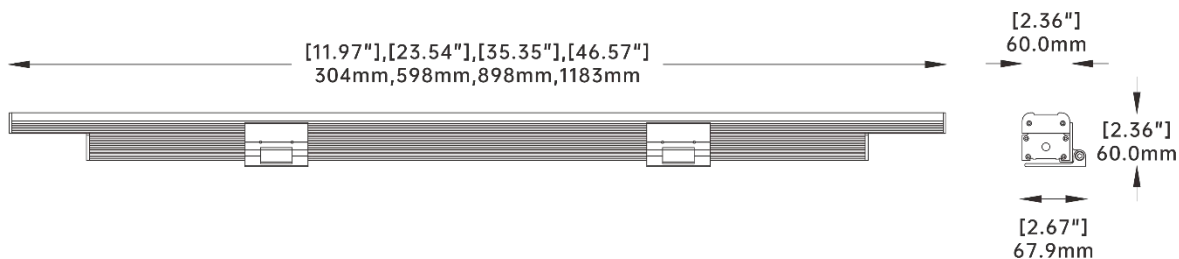
LumiMax™

QUICK SPEC

Color Options	RGB, Adjustable White with Quad Chip at 2700K, 3000K, 4000K, 6500K
Length	304mm [11.97"], 598mm [23.54"], 898mm [35.55"], 1183mm [46.57"]
Optics	20°, 30°, 45°, 20°x50°
Power Consumption	12W(304mm), 24W (598mm), 36W(898mm), 48W (1183mm)
Voltage	100-277VAC 50/60Hz
Dimming	DMX, RDM

Noted: LumiMax™ only available in RDM control

Due to the quad chip configuration, the static white color temperature may vary by up to 10%

DIMENSIONS

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LUMINAIRE PERFORMANCE**Lumen Maintenance**

L70 >50,000hrs @ 25°C

Delivered output**LumiMax™**

Active Channels	Output per Channel	Total Output
1	4x standard output	Matches standard output
2	50% of standard output	Matches standard output
3	33.3% of standard output	Matches standard output
4	Matches standard output	Matches standard output

Note: The provided data for color temperature, beam angles, lumen output, and power are typical values. Variations up to 10% may occur due to the fixture's encapsulation, production tolerances, and component differences. For the most accurate and updated information, please consult the factory for the latest IES file.

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

- RAL9001 White
- RAL9006 Grey
- RAL9011 Black
- RAL9023 Dark Grey

ENVIRONMENT**Storage Temperature**

-30°C to 60°C

Operating Temperature

-20°C to 50°C

Ingress Protection Rating

IP66

MAXIMUM DAISY CHAIN LIMITS

Power/ft	Region	Main Voltage	Max. power	Max. no. of 4 ft fixtures	Max. Cable Length (Leading + Interlink)
12W	US	120V	1080W	22 nos.	20 Meters
12W	EU	220-240V	1980W	41 nos.	30 Meters

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.

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CONTROL TYPE AND DIMMING OPTIONS**Control Type and Grouping Configurations for 4ft Fixtures**

Control Type Option	No. of Diodes	RDM Personality	Groupings	No. of Channels
Standard	24	1 group	1 group of 24	4
LumiMax™	24	1 group	1 group of 24	4
Pixel Per Foot	24	4 groups	4 groups of 6	16
Pixel Per Diode	24	24 groups	24 groups of 1	96

While the previous table outlines the general control types and grouping configurations for 4ft fixtures, the **Pixel Per Diode** version offers multiple grouping options for added flexibility. The table below provides a detailed breakdown of these grouping possibilities in 4ft.

Pixel Per Diode Grouping Options and Channel Count

No. of Groups	Diodes per Group	No. of Channels
1	24	4
2	12	8
4	6	16
6	4	24
12	2	48
24	1	96

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CABLE CORE COLOR CODING

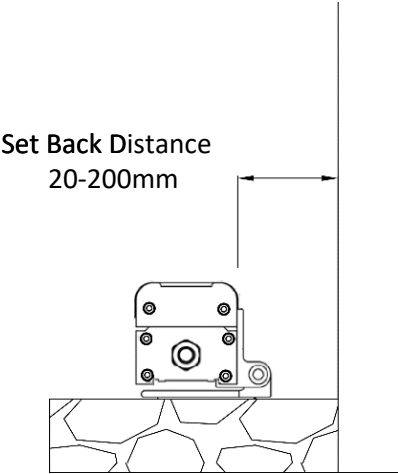
Cable	Function	Core(US)	Wire Size	Core(EU)	Wire Size
Power lead in	L (live)	Black	16AWG	Brown	1.3mm ²
	N (Neutral)	White	16AWG	Blue	1.3mm ²
	GND (Earth)	Green	16AWG	Yellow/Green	1.3mm ²
Data lead in	DMX+	Purple	20AWG	Purple	0.5mm ²
	DMX-	Pink	20AWG	Grey	0.5mm ²
	DMX GND	Yellow	20AWG	Yellow	0.5mm ²
Power and Data Combined Lead-in /Extension	L (live)	Black	16AWG	Brown	1.3mm ²
	N (Neutral)	White	16AWG	Blue	1.3mm ²
	GND (Earth)	Green	16AWG	Yellow/Green	1.3mm ²
	DMX+	Purple	22AWG	Purple	0.3mm ²
	DMX-	Pink	22AWG	Grey	0.3mm ²
	DMX GND	Yellow	22AWG	Yellow	0.3mm ²

SET BACK DISTANCE

Correct setback distances ensure optimal lighting performance and effective wallwashing results

Recommended Setback Distances for Wallwashers

Set Back Distance	Purpose	Best Use
20mm-50mm	For narrow beams, smooth surfaces, glazing	Focused, intense lighting.
50mm-100mm	Balanced lighting for textured walls.	General wallwashing
100mm-200mm	Wide, even light for large areas.	Enhances textured surfaces



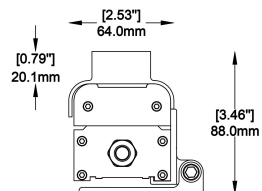
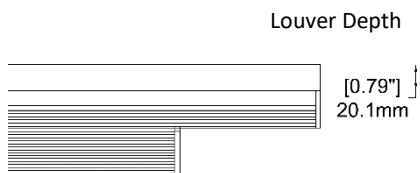
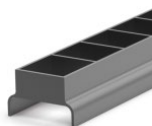
Noted:
- Our recommended setback distances are only guidelines. The actual distance may vary depending on the specific wall texture, height, and lighting effect required for your project. Always adjust based on real-world conditions to achieve the best outcome.

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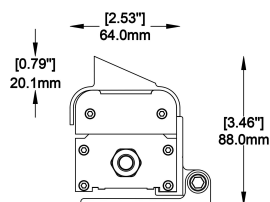
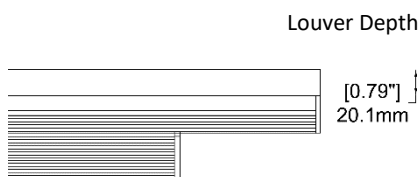
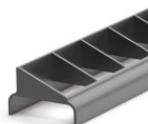
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ANTI-GLARE ACCESSORIES (Order Separately)

Symmetric Louver for BlazeLine Max RGBW Combined Source

ITEM: DPGLS - CONTROL TYPE - LENGTH - FINISH

Asymmetric Louver for BlazeLine Max RGBW Combined Source

ITEM: DPGLA - CONTROL TYPE - LENGTH - FINISH

Selection Guide:

CONTROL TYPE: CS – Standard and LumiMax™, CPF – Pixel Per Foot, CPD- Pixel Per Diode**LENGTH:** 304 – 304mm [11.97"], 598 – 598mm [23.54"]

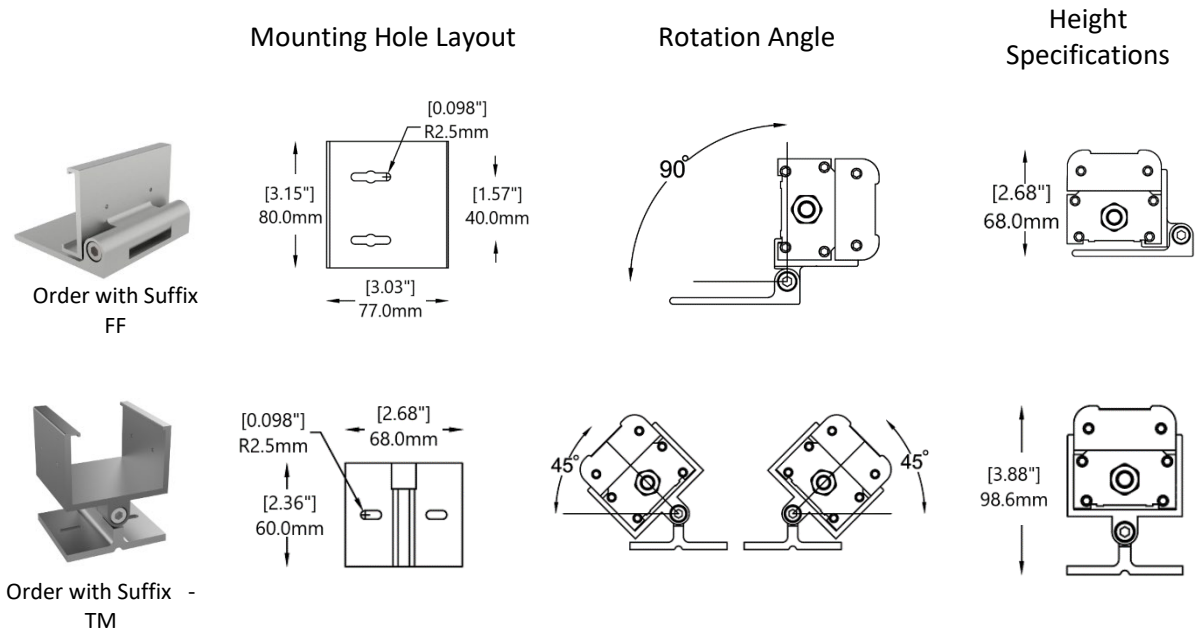
898 – 898mm [35.55"], 1183 – 1183mm [46.57"]

FINISH: PW – White, PG – Grey, PB – Black, DG – Dark Grey

Noted: If not specified, the louver will be provided in the same length as the ordered fixture and in black as the default color.

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MOUNTING ACCESSORIES (Order with Fixture)



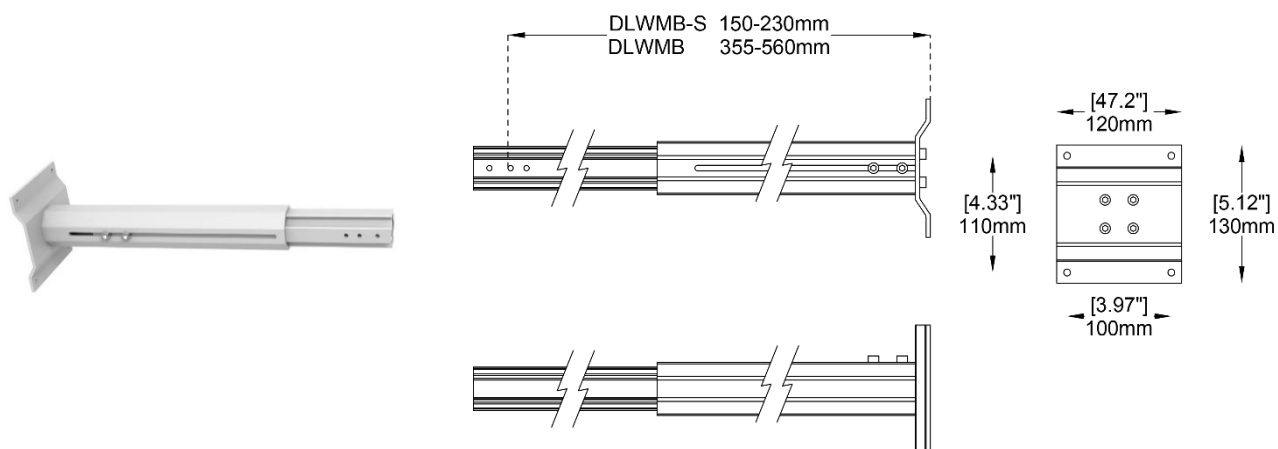
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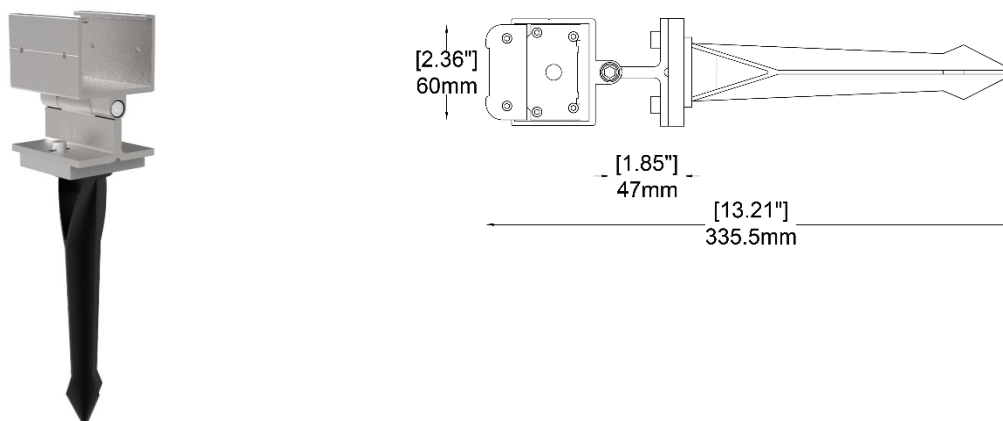
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MOUNTING ACCESSORIES (Order Separately)**ITEM:** DLWMB, DLWMB-S

Description: Adjustable Extended Arm Mounting

**ITEM:** DPMBA-SPIKE

Description: Mounting accessory for landscape lighting applicaiton



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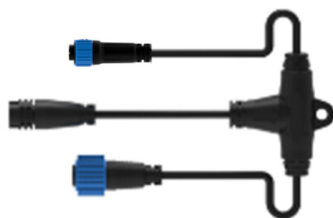
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CABLING & CONNECTIVITY (Order Separately)**Leading Cable Set**

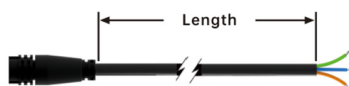
Function: Power and Signal Combined T-joint

ITEM: AC-LEADIN-336



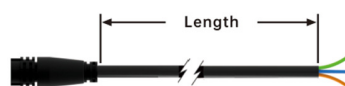
Function: Power Lead-in

ITEM: ECACF-LENGTH-3pin-!w9!



Function: Signal Lead-in

ITEM: ECDCF(SHIELD)-LENGTH-3pin

**LENGTH:** 300–300mm[0.98'], 2000–2000mm[6.56'], 6000–6000mm[19.66'], 15000–15000mm[49.21']**Interlink Cable**

Function: Power and Data Combined Extension

ITEM: ECACL-LENGTH-6pin

**LENGTH:** 300–300mm[0.98'], 2000–2000mm[6.56'], 6000–6000mm[19.66']

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TERMINATION & JUNCTIONS (Order Separately)**Power Booster**

Function: Power Injector

ITEM: AC-P-INJECT-636

**DMX Terminator**

Function: DMX Terminator

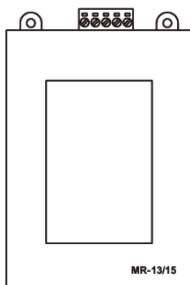
ITEM: DMX-Term-AC-6pin



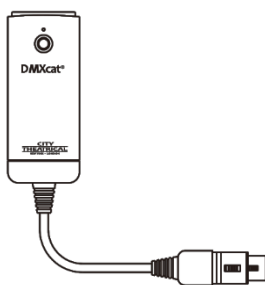
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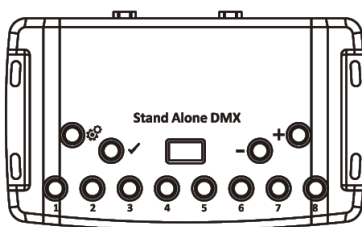
DMX and RDM Control Accessories (Order Separately)



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 BUILDEREXAMPLE CODE: DP-**RGBW**.06.30.2050.RDM-FF-PG-US

Series	Length	Color Option	Optic	Control	Mounting Option	Finish	Area
DP-RGBW BlazLine Max RGBW	03 304mm	27 2700K	20 20°	DMX DMX	FF DP-FLIPFLOP: Adjustable Flip Flop Mounting	PW White	EU EUROPE
	06 598mm	30 3000K	30 30°	RDM RDM	TM DPMBA: Adjustable Mounting	PG Grey	US USA
	09 898mm	40 4000K	45 45°	LM LumiMax™		DG Dark Grey	
	12 1183mm	65 6500K	2050 20°x50°	PPF Pixel Per Foot PPD Pixel Per Diode		PB Black	

Remarks:

- LumiMax™ is exclusively available in the RDM version
- Customized optic available
- Customized marine-grade coating available
- Customized RAL color coating available
- 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 (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.