

BlazeLine

Static White



Date: _____ Quantity: _____

Company: _____

Project: _____

BlazeLine is a versatile linear lighting solution for seamless architectural integration. It offers three standard lengths, providing flexibility for various projects. With clean lines and efficient performance, BlazeLine ensures superior lighting, easy installation, and consistent quality.

FEATURES

- Multiple mounting options for flexibility
- Optional anti-glare louvers
- Durable aluminum housing
- High lumen efficiency
- Various beam angles for precise control

PERFORMANCE AND COMPLIANCE

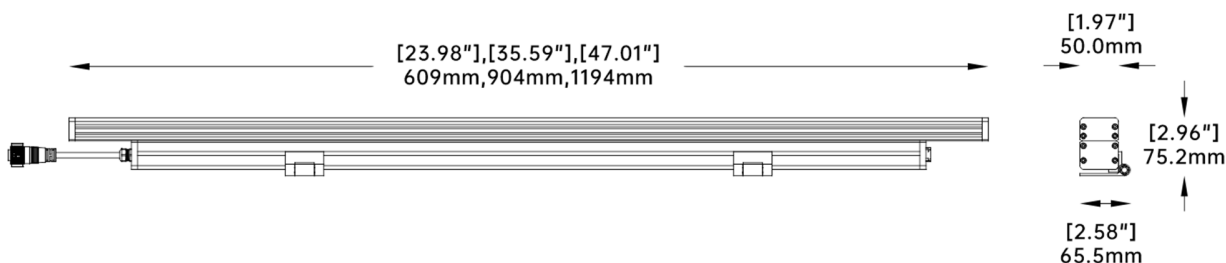


QUICK SPEC

Color Temperature	2700K, 3000K, 3500K, 4000K, 5000K, 6500K
Length	609mm [23.98"], 904mm [35.59"], 1194mm [47.01"]
Optics	13°, 20°, 25°, 35°, 45°, 10°x40°, 15°x55°
Power Consumption	18W (609mm), 27W(904mm), 36W (1194mm)
Voltage	100-277VAC 50/60Hz
Dimming	ON/OFF, 0-10V, DALI, TRIAC*, ELV*

* TRIAC and ELV dimming only available in US region

DIMENSIONS



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.

Sales@luminoscape.com

1 / 10

©2025 Luminoscape Lighting BLS2501

BlazeLine

Static White

LUMINAIRE PERFORMANCE

Color Consistency	3 SDCM *
Color Rendering	CRI80
Lumen Maintenance	L70 >50,000hrs @ 25°C
Delivered output	>100 lumen per watt @3000K CCT, CRI80, 25°

Note:

- * 2 SDCM with CRI90 options available upon request
- 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 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)
9W	US	120V	1080W	30 nos.	20 Meters
9W	EU	220-240V	1980W	55 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.

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.

Sales@luminoscape.com

1 / 10

©2025 Luminoscape Lighting BLS2501

BlazeLine

Static White

CABLE CORE COLOR CODING

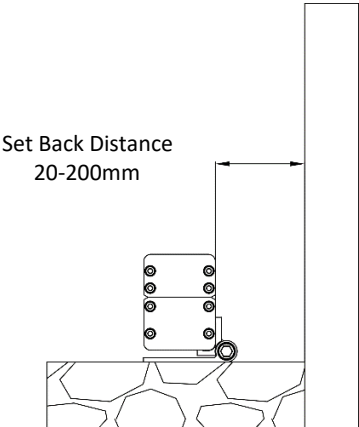
Cable	Function	Core(US)	Wire Size	Core(EU)	Wire Size
Power lead in/ Power extension Cable	L (live)	Black	16AWG	Brown	1.3mm ²
	N (Neutral)	White	16AWG	Blue	1.3mm ²
	GND (Earth)	Green	16AWG	Yellow/Green	1.3mm ²
Data lead in	DIM+	Purple	20AWG	Purple	0.5mm ²
	DIM-	Pink	20AWG	Grey	0.5mm ²
	N/A	Yellow	20AWG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

SET BACK DISTANCE

Correct setback distances ensure optimal lighting performance and effective wallwashing results

Recommended Setback Distances for Wallwasher

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.

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.

Sales@luminoscape.com 3/ 10

©2025 Luminoscape Lighting BLS2501

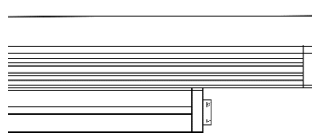
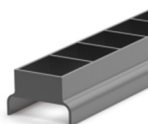
BlazeLine

Static White

ANTI-GLARE ACCESSORIES (Order Separately)

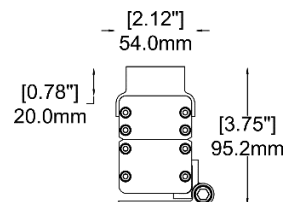
Symmetric Louver for BlazeLine Static White

ITEM: DLGLS - LENGTH - FINISH



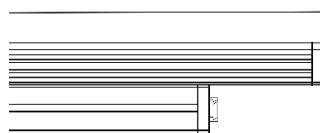
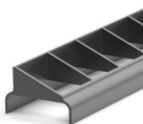
Louver Depth

[0.78"]
20.0mm



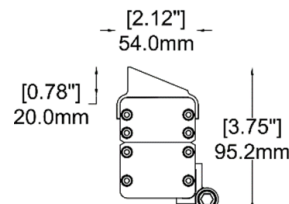
Asymmetric Louver for BlazeLine Static White

ITEM: DLGLA- LENGTH - FINISH



Louver Depth

[0.78"]
20.0mm

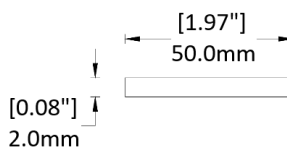
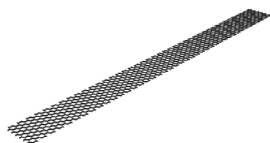


Selection Guide:

LENGTH: 609 – 609mm [23.98"], 904 – 904mm [35.59"], 1194 – 1194mm [47.01"]

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.



Build in Honey Comb for BlazeLine Series

ITEM: BLHB- LENGTH

LENGTH: 609 – 609mm [23.98"], 904 – 904mm [35.59"], 1194 – 1194mm [47.01"]

Noted: The use of a honeycomb lens can reduce lumen efficiency by as much as 45%

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.

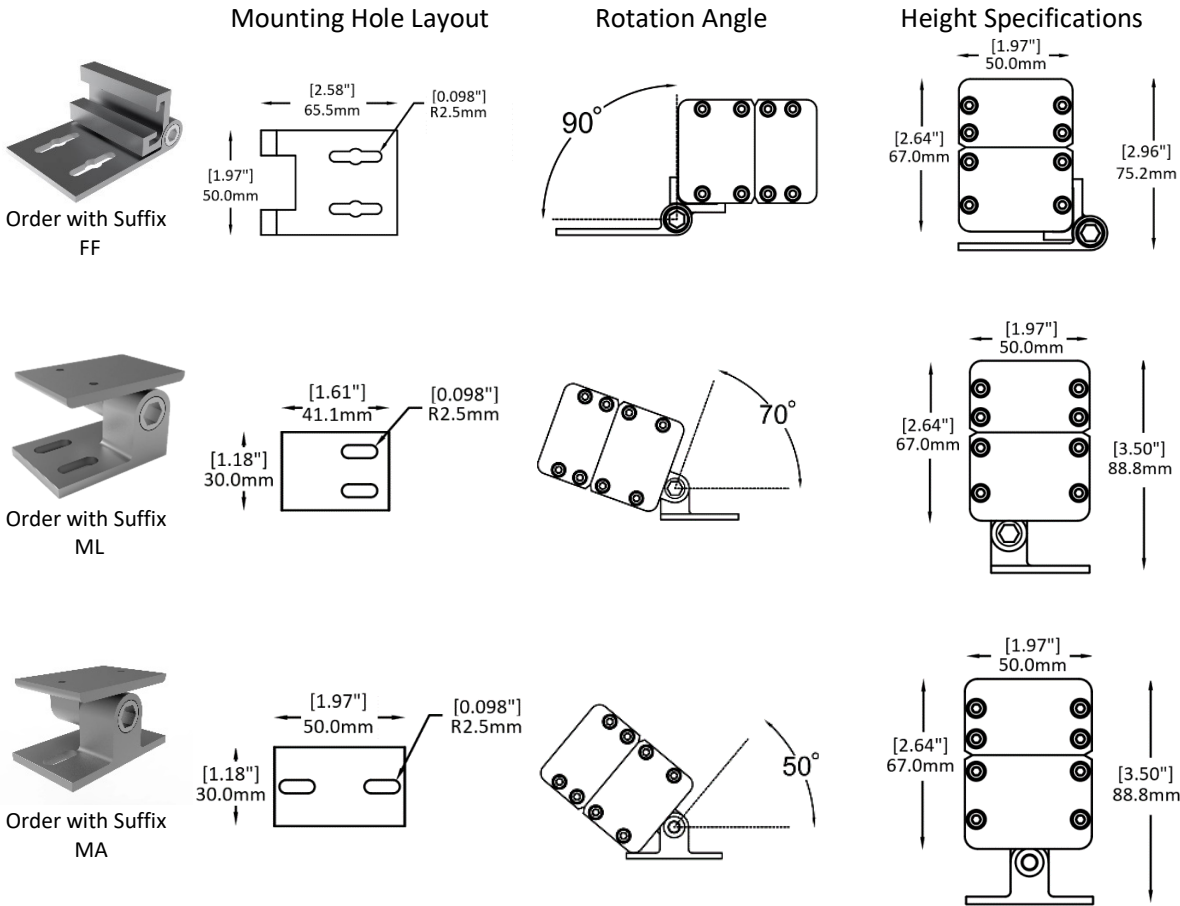
Sales@luminoscape.com

5 / 10

©2025 Luminoscape Lighting BLS2501

BlazeLine
Static White

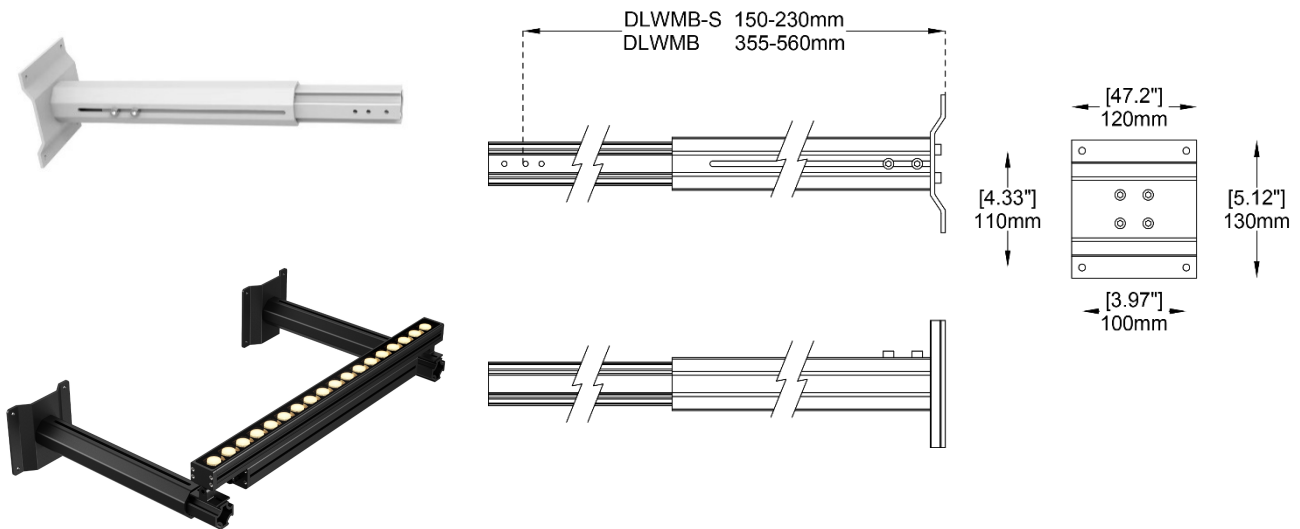
MOUNTING ACCESSORIES (Order with Fixture)



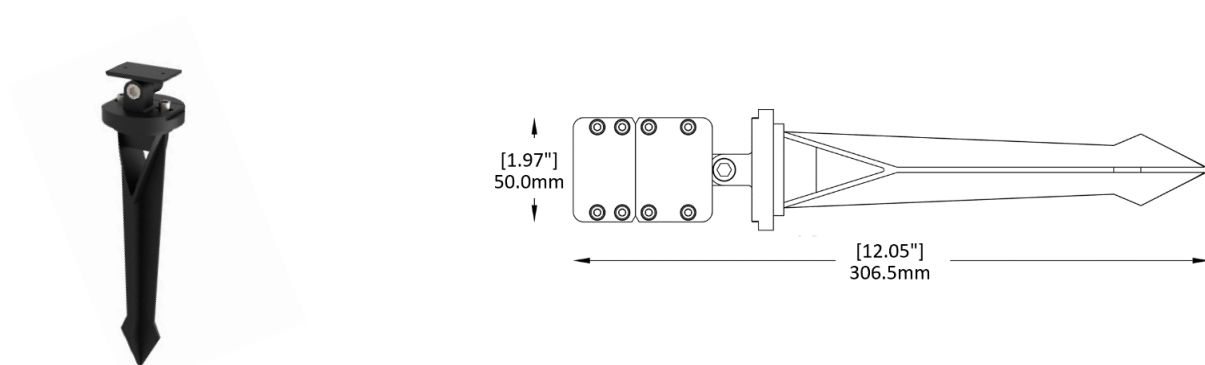
Specifications are subject to change due to updates and innovations. Check our website for the latest technical data. The information serves as an estimate and may differ by power supply and installation. All rights reserved.

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

Description: Adjustable Extended Arm Mounting

**ITEM:** BLMBA-SPIKE

Description: Mounting accessory for landscape lighting applicaiton



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.

Sales@luminoscape.com

6 / 10

©2025 Luminoscape Lighting BLS2501

BlazeLine

Static White

FIXTURE SPACING AND CABLE MANAGEMENT



Parameter	Specification
Default Spacing	Nominal 20mm (± tolerance)
Extended Spacing Options	1, Use Standard Interlink Cable Length (300mm, 2000mm, 6000mm)
	2, Customize Interlink Cable Length
	3, Customize Loop-in Cable

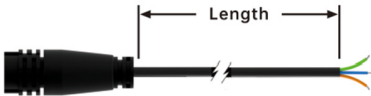
Note: The **default nominal spacing between lighting fixtures is 20mm**. Extended spacing options are available through, **standard interlink cables**, **custom interlink cables** or **customized loop-in cables**. Proper planning of spacing and cable lengths is essential to ensure seamless installation and optimal performance.

CABLING & CONNECTIVITY (Order Separately) ON/OFF, TRIAC, ELV

Leading Cable

Function: Power Lead-in

ITEM: ECACF-LENGTH-3pin-AREA



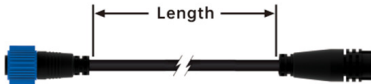
LENGTH: 300–300mm[0.98’], 2000–2000mm[6.56’], 6000–6000mm[19.66’], 15000–15000mm[49.21’]

AREA: EU–Europe, US– USA

Interlink Cable

Function: Power Extension

ITEM: ECACL-LENGTH-3pin



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

IP Rated End Cap

Function: IP Rated End Cap

ITEM: ENDCAP-AC-3PIN



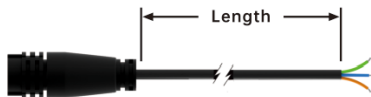
Specifications are subject to change due to updates and innovations. Check our website for the latest technical data. The information serves as an estimate and may differ by power supply and installation. All rights reserved.

BlazeLine
Static White**CABLING & CONNECTIVITY (Order Separately) 0-10V, DALI****Leading Cable Set**

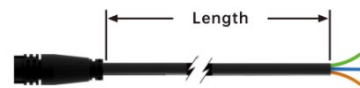
Function: Power and Signal Combined T-joint
 ITEM: AC-LEADIN-336



Function: Power Lead-in
 ITEM: ECACF-LENGTH-3pin



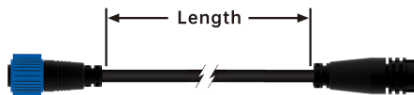
Function: Data Lead-in
 ITEM: ECDCF(SHIELD)-LENGTH-3pin



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

Interlink Cable

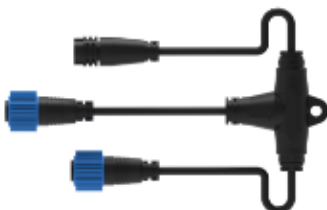
Function: Power and Data Combined Extension
 ITEM: ECACL-LENGTH-6pin



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

Power Booster

Function: Power Injector
 ITEM: AC-P-INJECT-636

**End Cap**

Function: IP Rated End Cap
 ITEM: ENDCAP-AC-6PIN



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.

Sales@luminoscape.com

8/ 10

©2025 Luminoscape Lighting BLS2501

BlazeLine

Static White

PARTCODE BUILDER

EXAMPLE CODE: BL.06.30.1040.ONOF-FF-PG-US

Series	Length	CCT	Optic	Control	Mounting Option	Finish	Area
BL BlazeLine Static White	06 609mm	27 2700K	13 13°	ONOF ON/OFF	FF BLFF: Adjustable Flip Flop Mounting	PW White	EU EUROPE
	09 904mm	30 3000K	20 20°	010V 0-10V	ML BLMBA-L: L-Shape Adjustable Mounting	PG Grey	US USA
	12 1194mm	35 3500K	25 25°	DALI DALI		PB Black	
		40 4000K	35 35°	TRI TRIAC	MA BLMBA: Adjustable Mounting	DG Dark Grey	
		50 5000K	45 45°	ELV ELV			
		65 6500K	1040 10°x40°				
			1555 15°x55°				

Remarks:

- Customized optic available
- Customized marine-grade coating available
- Customized RAL color coating available
- TRIAC and ELV dimming only available in US region

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.

BlazeLine
Static White**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.

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.