

BlazeLine Slim
Static White



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

BlazeLine Slim 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 Slim 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	300mm [11.81"], 600mm [23.62"], 900mm [25.43"], 1200mm [47.24"]
Optics	25°, 30°, 45°, 25°x40°, 30°x50°
Power Consumption	9W(300mm), 18W(600mm), 27W(909mm), 36W(1200mm)
Voltage	24V DC, 100-277VAC 50/60Hz
Dimming	ON/OFF, 0-10V, DALI, TRIAC*, ELV*
* TRAIC and ELV dimming only available in US region	

LUMINAIRE PERFORMANCE

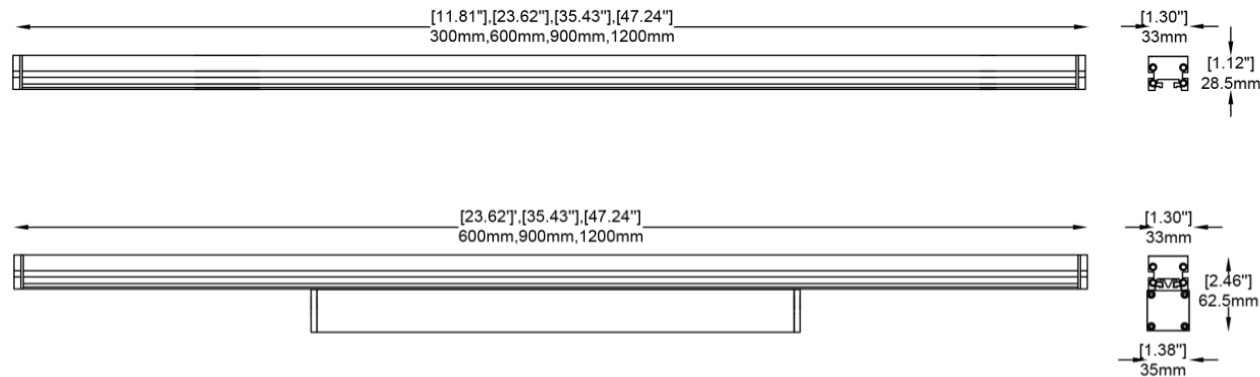
Color Consistency	3 SDCM *
Color Rendering	CRI80
Lumen Maintenance	L70 >50,000hrs @ 25°C
Delivered output	100 lumen per watt @4000K CCT, CRI80, 20°

Note:

- * 2 SDCM with CRI90 options available upon request.
- The lumen output for the dimming version of the low voltage model will be reduced by 30%.
- 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.

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DIMENSIONS



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

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MAXIMUM DAISY CHAIN LIMITS

Low Voltage:

Power/ft	Input Voltage	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
9W	24V	15 Meters	13 pcs	120W

Line Voltage:

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:

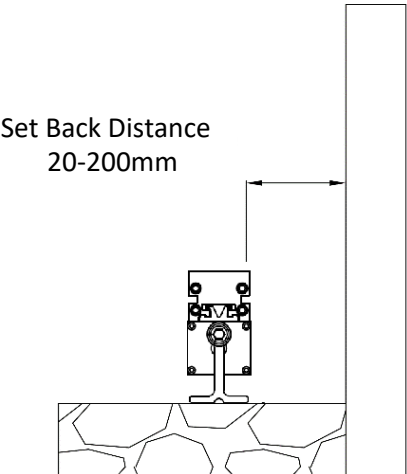
- The actual maximum daisy chain limit may vary based on the gauge of the leading cable and the specific installation conditions. The values provided are recommended guidelines and should be considered as such. Please ensure that all installations comply with local electrical codes and safety standards.

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.

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CABLE CORE COLOR CODING

Low Voltage:

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

Line Voltage:

Cable	Function	Core(US)	Wire Size	Core(EU)	Wire Size
Power lead in/ Power 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
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

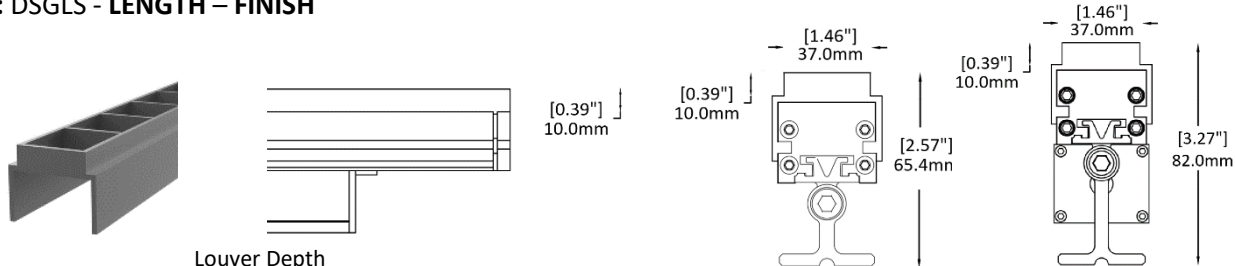
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ANTI-GLARE ACCESSORIES (Order Separately)

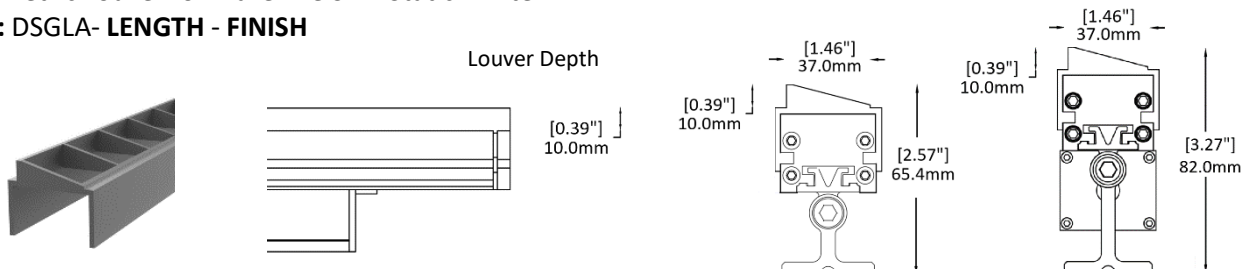
Symmetric Louver for BlazeLine Slim Static White

ITEM: DSGLS - LENGTH – FINISH



Asymmetric Louver for BlazeLine Slim Static White

ITEM: DSGLA- LENGTH - FINISH



Selection Guide:

LENGTH: 300 – 300mm [11.81"], 600 – 600mm [23.62"],
900 – 900mm [25.43"], 1200 – 1200mm [47.24"]

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.

BlazeLine Slim

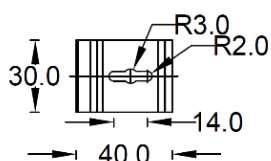
Static White

MOUNTING ACCESSORIES (Order with Fixture)

Low Voltage

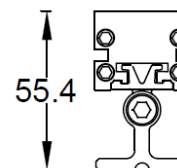
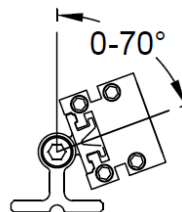
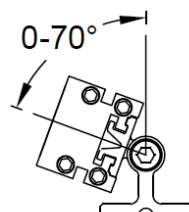
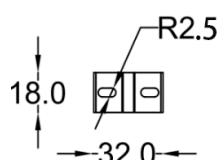
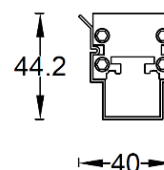


Mounting Hole Layout



Rotation Angle

Height Specifications



Low Voltage and Line Voltage

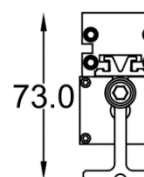
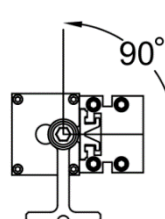
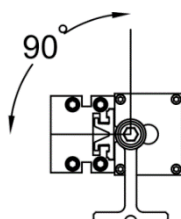


Mounting Hole Layout



Rotation Angle

Height Specifications



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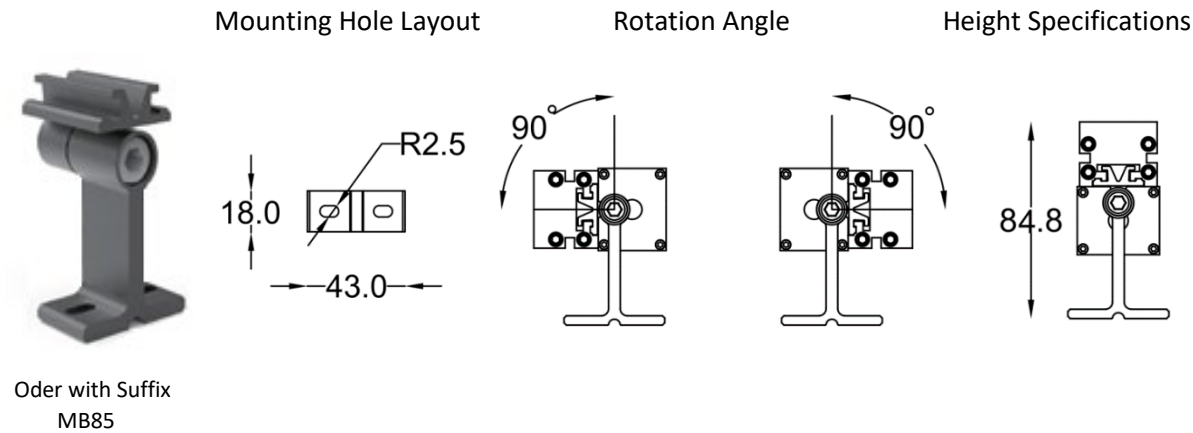
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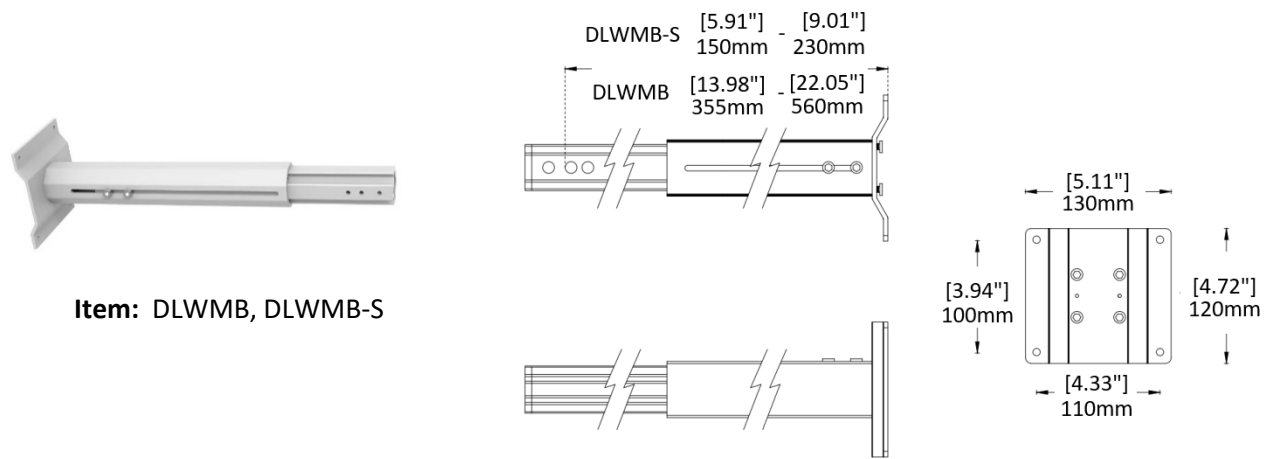
BLS2501

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MOUNTING ACCESSORIES (Order with Fixture)



MOUNTING ACCESSORIES (Order Separately)



Item: DLWMB, DLWMB-S

- ITEM: DLWMB-S

ITEM: DLWMB
- Wall mount option for application that requires wall mounting with length 150mm – 230mm

Wall mount option for application that requires wall mounting with length 355mm – 560mm

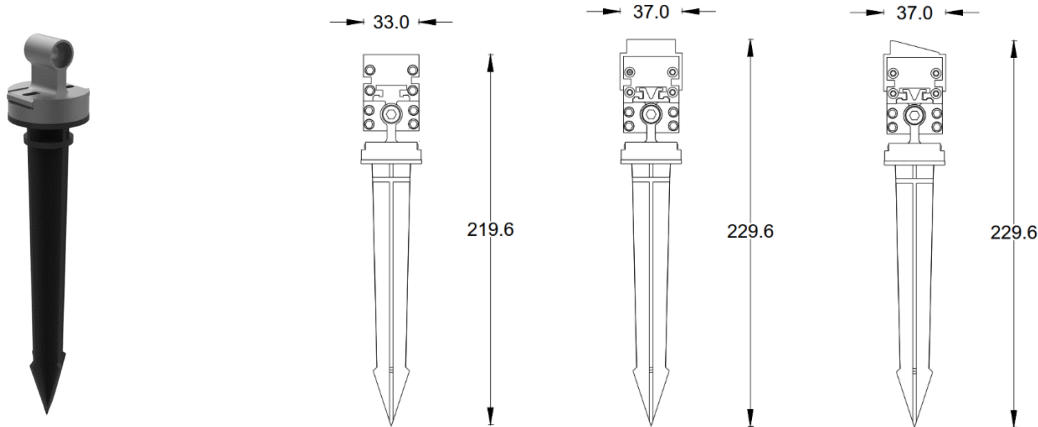
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MOUNTING ACCESSORIES (Order Separately) –Con’t.

ITEM: DSMBA-SPIKE

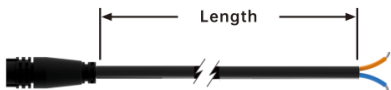
Adjustable mounting option for landscape lighting application



CABLING & CONNECTIVITY - Low Voltage (Order Separately)

Leading Cable

Dim: ON/OFF, TRIAC, 0-10V, DALI
Function: Power Lead-in
ITEM: ECDCL-LENGTH-2pin-AREA



LENGTH: 300–300mm[0.98’], 1800–1800mm[5.91’],
6000–6000mm[19.66’]
AREA: EU–Europe, US– USA

END CAP

Dim: ON/OFF, TRIAC, 0-10V, DALI
Function: IP Rated End Cap
ITEM: ENDCAP-2pin-M



Interlink Cable

Dim: ON/OFF, TRIAC, 0-10V, DALI
Function: Power Extension
ITEM: ECDCL-LENGTH-2pin



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

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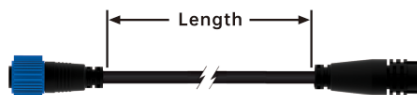
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CABLING & CONNECTIVITY (Order Separately) ON/OFF , TRIAC, ELV**Leading Cable**

Function: Power Lead-in

ITEM: ECACF-**LENGTH**-3pin**LENGTH:** 300–300mm[0.98'], 2000–2000mm[6.56'], 6000–6000mm[19.66'], 15000–15000mm[49.21']**Interlink Cable**

Function: Power Extension

ITEM: ECACL-**LENGTH**-3pin**LENGTH:** 300–300mm[0.98'], 2000–2000mm[6.56'], 6000–6000mm[19.66']**End Cap**

Function: IP Rated End Cap

ITEM: ENDCAP-AC-3PIN



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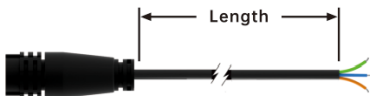
CABLING & CONNECTIVITY (Order Separately) 0-10V, DALI

Leading Cable Set

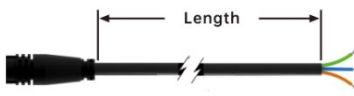
Function: Power and Signal Combined T-joint
ITEM: AC-LEADIN-336



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



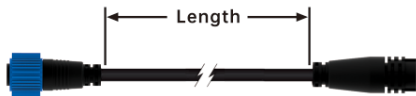
Function: Data Lead-in
ITEM: ECDCF(SHIELD)-LENGTH-3pin



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



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PARTCODE BUILDER

EXAMPLE CODE: DS.06.30.45.ONOF-FF-PB-US

Series	Length	CCT	Optic	Control	Mounting Option	Finish	Area
DS BlazeLine Slim Static White Low Voltage	03 300mm	27 2700K	25 25°	ONOF ON/OFF	FF Fixed mounting Clip (only for Low voltage)	PW White	EU EUROPE
	06 600mm	30 3000K	30 30°	010V 0-10V	MB Adjustable Mounting Bracket (only for Low voltage)	PG Grey	US USA
DSP BlazeLine Slim Static White Line Voltage	09 900mm	35 3500K	45 45°	DALI DALI	MB73 Adjustable Mounting Bracket (Overall Height 73mm)	DG Dark Grey	
	12 1200mm	40 4000K	2540 25°x40°	TRI TRIAC	MB85 Adjustable Mounting Bracket (Overall Height 85mm)	PB Black	
		50 5000K	3050 30°x50	ELV ELV			
		65 6500K					

Remarks:

- 300mm only available for Low voltage
- Customized optic available
- Customized marine-grade coating available
- Customized RAL color coating available
- TRIAC and ELV dimming only available in US region
- The lumen output for the dimming version of the low voltage model will be approximately 70% of the ON/OFF version

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.