

Lumino Flex
RGBW Combined Source



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

Lumino Flex is a flexible wall-washing solution with an adjustable optic tilt of up to 12 degrees for precise light control. It also supports pixel-per-foot DMX segment control, ideal for dynamic lighting effects. Suitable for both indoor and outdoor applications, Lumino Flex offers powerful illumination while integrating seamlessly into architectural designs.

FEATURES

- Pixel per 250mm options available
- Adjustable 12° tilt for flexible beam control
- Anti-glare grid enhances visual comfort
- 316 stainless steel trim for sleek aesthetics
- Ideal for architectural, and façade lighting

PERFORMANCE AND COMPLIANCE





ThermoSafe™

PureDim Pro™

LumiMax™

QUICK SPEC

Color Options	RGB, Adjustable White with Quad Chip at 2700K, 3000K, 4000K, 6500K
Length	500mm [19.69"], 1000mm [39.37"]
Optics	
Standard (Clear Lens):	15°, 25°, 40°, 20°x55°
With anti-glare grid:	15°, 20°, 30°x40°, 15°x55°
Power Consumption	18W (500mm), 36W (1000mm)
Voltage	100-277VAC 50/60Hz
Dimming	DMX, RDM
Max Static Load	Max 150kg
Impact speed	15Km/hr

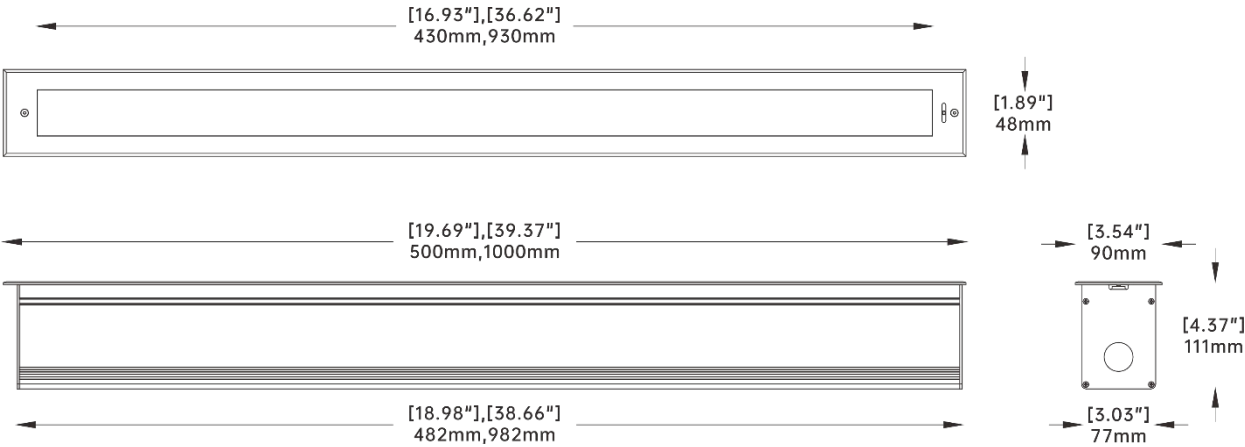
Noted: LumiMax™ only available in RDM control
Due to the quad chip configuration, the static white color temperature may vary by up to 10%

PHYSICAL

Cover Frame	316 stainless steel
Housing Material	Precise machine high density aluminium
Gasket	Silicone Rubber
Rubber Ring	Corrosion resistance silicon
Lens Material	Optical grade PMMA

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DIMENSIONS



CABLE CORE COLOR CODING

CABLE	FUNCTION	CORE (US)	Wire Size	Core(EU)	Wire Size
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

CONTROL TYPE AND DIMMING OPTIONS

Control Type and Grouping Configurations for 1-Meter Fixtures

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

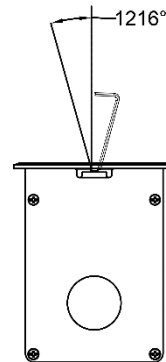
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ADJUSTABLE TILT STRENGTH AND ANGLE OVERVIEW

Achieve precise lighting control with an adjustable tilt of up to 12° on both sides, offering a total tilt range of 24°.

Ideal for fine-tuning beam direction in various applications.

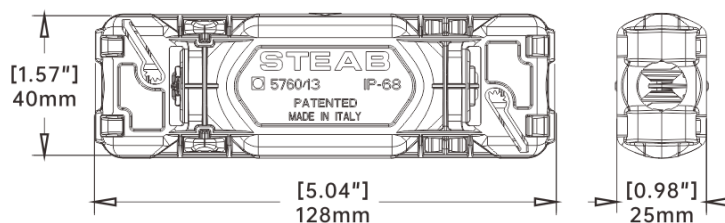
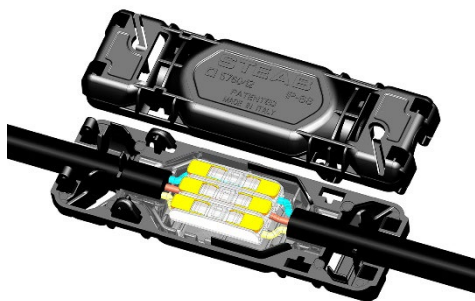


CONNECTING ACCESSORIES (Order Separately)

ITEM: Paguro 5760/13

Brand: STEAB

Description: 2-Way Gel-Filled IP68 Waterproof 6-Pin Connector

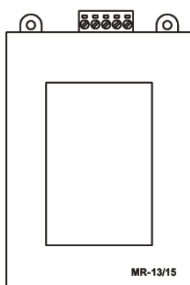


For more details, please visit <https://www.steab.it/catalogo/quick-paguro-5760-13-3/?lang=en>

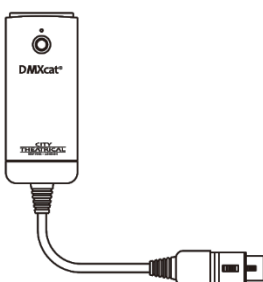
Lumino Flex

RGBW Combined Source

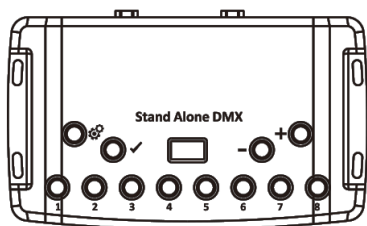
DMX and RDM Control Accessories (Order Separately)



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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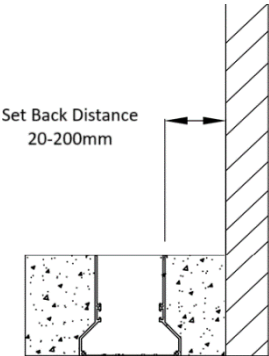
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SET BACK DISTANCE

Correct setback distances ensure optimal lighting performance and effective wallwashing results

Recommended Setback Distances for Wallwashers

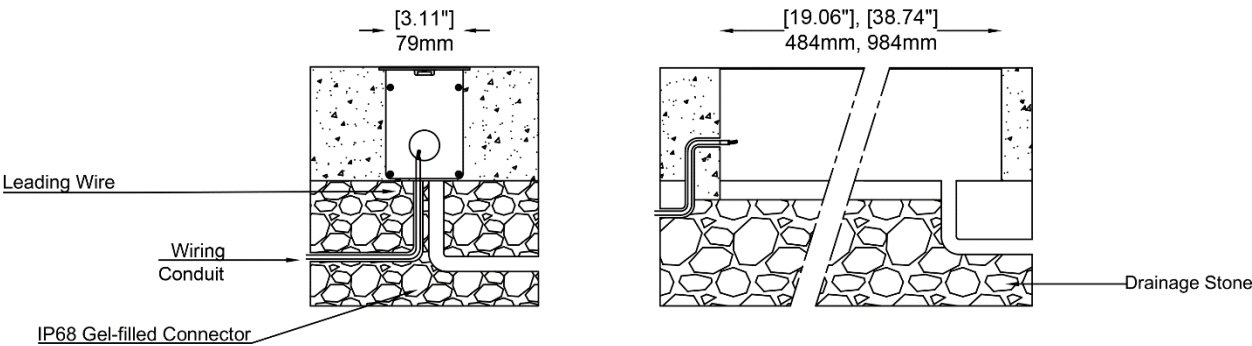
Set Back Distance	Purpose	Best Use
20mm-50mm	For narrow beams, smooth surfaces, glazing	Focused, intense lighting.
50mm-100mm	Balanced lighting for textured walls.	General wallwashing
100mm-200mm	Wide, even light for large areas.	Enhances textured surfaces



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.

INSTALLATION PREPARATION



Cut-out Dimension: 79mm x 484mm /984mm

- Remarks:**
- Ensure adequate drainage during installation; failure to do so will void the warranty.
 - Ensure that the wire is connected with sealed or gel-filled connectors
 - Use stainless steel screws for mounting the trim.
 - Ensure the top side is level with the ground surface

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PARTCODE BUILDER

EXAMPLE CODE: LF-RGBW.10.30.15.CL-DMX.MS-PB-EU

Series	Length	CCT	Optic	Diffused Option	Control	Mounting Option	Finish	Area
LF-RGBW Lumino Flex RGBW	05 500mm	27 2700K	15 15°	CL Clear Lens	DMX DMX	NA N/A	PB Black	EU EUROPE
	10 1000mm	30 3000K	25 25°	AG Anti-glare Grid	RDM RDM	MS Mounting Sleeve		US USA
		40 4000K	40 40°		PPF Pixel Per Foot			
		65 6500K	2055 20°x55°		LM LumiMax™			

Remarks:

- Anti-glare grid changes field of view to 30°x40° (from 40°), 15°x55° (from 20°x55°)
- The standard loop in cable is 1 meter long with open terminals
- 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.