

Lumino Guard
RGBW Combined Source



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

Lumino Guard RGBW offers precise, glare-free illumination with a single inground or surface mounting option. Its advanced baffle system ensures uniform wall-washing, while RGBW technology delivers dynamic lighting for both indoor and outdoor architectural applications.

FEATURES

- Pixel per foot options available
- Advanced baffle system for glare-free illumination
- High-performance optics for uniform wall-washing
- Mounting option for inground or surface installation
- 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	617mm [24.29"], 1217mm [47.91"]
Optics	30°
Power Consumption	18W (617mm), 36W (1217mm)
Voltage	100-277VAC 50/60Hz
Dimming	DMX, RDM
Max Static Load	150kg
Max 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

Housing Material	6063 high density extruded aluminium alloy
Gasket	Silicone Rubber
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

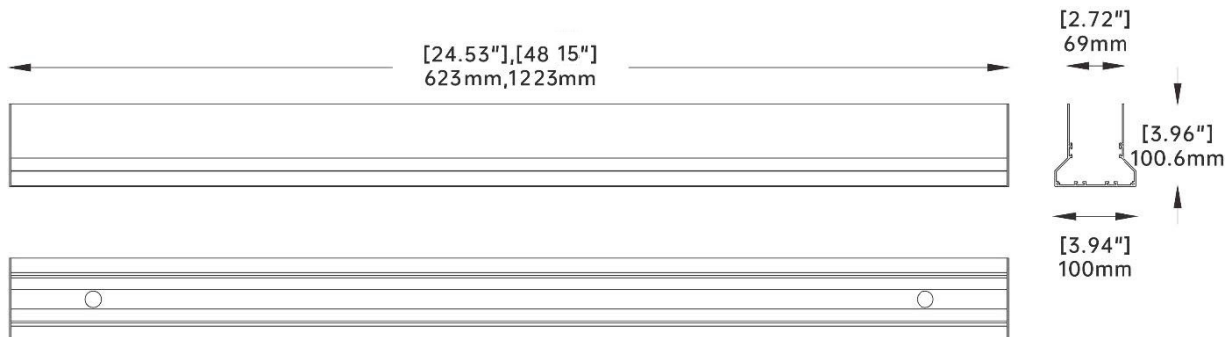
Specifications are subject to change due to updates and innovations. Check our website for the latest technical data. The information serves as an estimate and may differ by power supply and installation. All rights reserved.

Lumino Guard

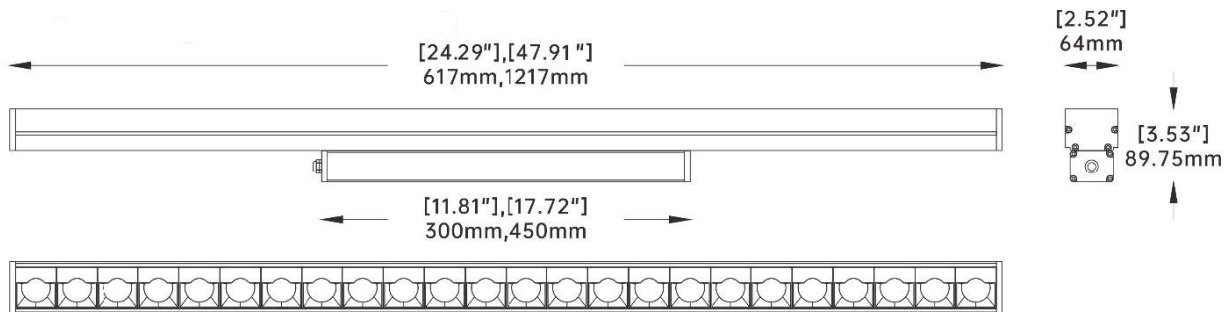
RGBW Combined Source

DIMENSIONS

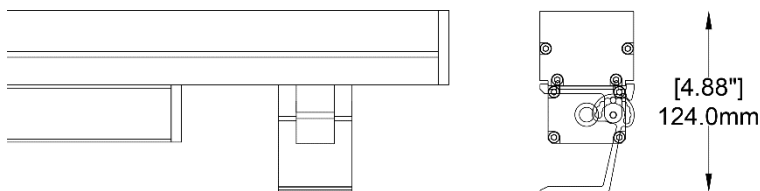
Recessed Application:



Surface Mounting Application:



Overall Height with surface mount brackets:



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 2 / 9

©2025 Luminoscape Lighting LGCS2501

Lumino Guard

RGBW Combined Source

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
Pixel Per Foot	24	4 groups	4 groups of 6	16

CABLE CORE COLOR CODING

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

Lumino Guard

RGBW Combined Source

CABLING & CONNECTIVITY - SURFACE MOUNT (Order Separately)

Leading Cable Set

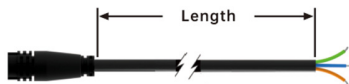
Function: Power and Signal Combined T-joint

ITEM: AC-LEADIN-336



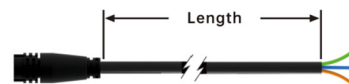
Function: Power Lead-in

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



Function: Signal Lead-in

ITEM: ECDCF(SHIELD)-LENGTH-3pin

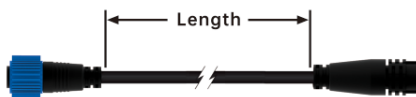


LENGTH: 300–300mm[0.98'], 2000–2000mm[6.56'], 6000–6000mm[19.66'], 15000–15000mm[49.21']

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']

Lumino Guard

RGBW Combined Source

TERMINATION & JUNCTIONS (Order Separately)

Power Booster

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



DMX Terminator

Function: DMX Terminator
ITEM: DMX-Term-AC-6pin

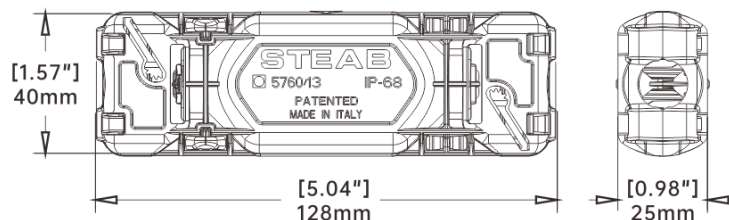
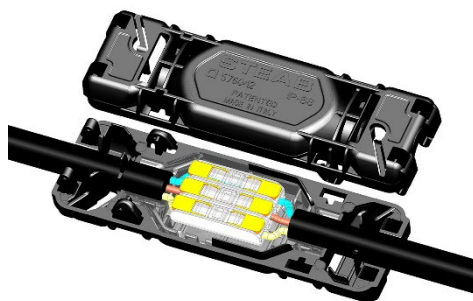


CONNECTING ACCESSORIES -INGROUND (Order Separately)

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 Guard

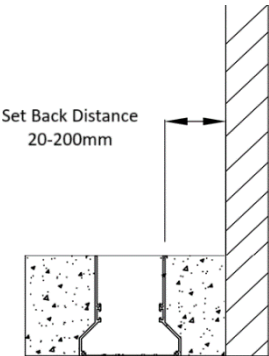
RGBW Combined Source

SET BACK DISTANCE

Correct setback distances ensure optimal lighting performance and effective wallwashing results

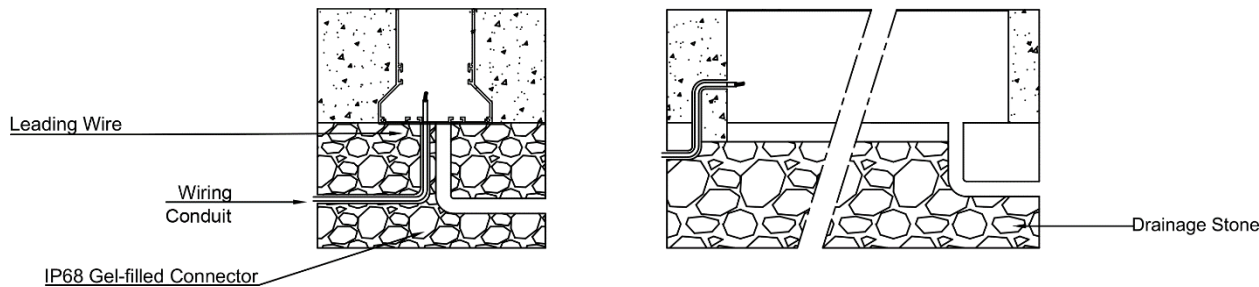
Recommended Setback Distances for Wallwashers

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.

INGROND NSTALLATION PREPARATION

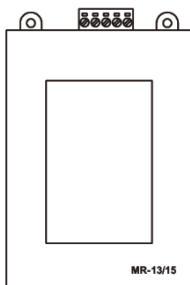


- Remarks:**
- Ensure adequate drainage during installation; failure to do so will void the warranty.
 - Ensure that the wire is connected with sealed or gel-filled connectors
 - Use stainless steel screws for mounting the trim.
 - Ensure the top side is level with the ground surface

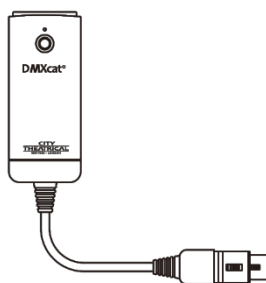
Lumino Guard

RGBW Combined Source

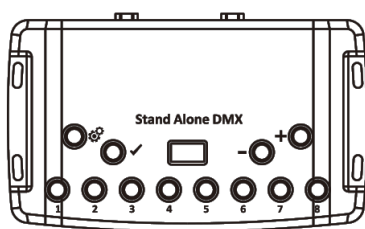
DMX and RDM Control Accessories (Order Separately)



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.

Lumino Guard

RGBW Combined Source

PARTCODE BUILDER

EXAMPLE CODE: LGD-**RGBW**.12.30.30.DMX-RM-PB-EU

Series	Length	CCT	Optic	Control	Mounting Option	Finish	Region
LGD- RGBW Lumino Guard RGBW	06 614mm	27 2700K	30 30°	DMX DMX	SM Adjustable Mounting Bracket	PW White	EU EUROPE
	12 1214mm	30 3000K		RDM RDM	RM Recessed Mounting Sleeve	PG Grey	
		40 4000K		PPF Pixel Per Foot		DG Dark Grey	
		65 6500K		LM LumiMax™		PB Black	

Remarks:

- The standard loop in cable is 1 meter long with open terminals (Inground)
- 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.

Lumino Guard

RGBW Combined Source

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.