

LAMARI™ 1 / 2 / 3 / 4 MC

Our linear LED fixture is the ideal choice for professional lighting, offering outstanding color mixing, particularly in the multichip version. For enhanced safety, the fixture operates at 48V and is controlled via DALI 2 and E-Box Remote series controllers. The fixture's body is made from durable aluminum, boasting IK08 and IP67 ratings, ensuring high resistance to mechanical damage and harsh weather conditions. A wide range of beam angles is available, allowing precise adjustment to meet specific project requirements. The fixture is available in four length variants and offers multiple surface mounting options.



KEY FEATURES

Optic & Control

Advanced technology ensures precise blending of colours, especially in multichip versions. Choose from a variety of beam angles to suit different lighting needs. 48V operation for safe usage in various environments.

Compact design

At only 39 mm of total height, Lamari MC has been designed as a compact and slim LED luminaire suitable for any low-profile application. Available in four length options with multiple mounting configurations.

Durability

Thanks to its tempered glass and high-pressure, extruded aluminum housing, Lamari MC is IK08 and IP67 certified. For more extreme and marine applications, a harsh environment finish option is also available.

COLOURS



RGBW



RGBA

CONTROL & PROTOCOLS



REMOTE



REMOTE

FINISH OPTIONS

* CLOSEST RAL TONE
* HE = Harsh Environment



Graphite Black
RAL 9011*



Grey Aluminium
RAL 9007



Sandstone
RAL 1014*



Pure White
RAL 9010



HE Graphite Black
RAL 9011*



HE Grey Aluminium
RAL 9007



HE Sandstone
RAL 1014*



HE Pure White
RAL 9010



RAL
Custom Paint Colour

OPTIC OPTIONS

SYMMETRICAL



15°



25°



35°



50°



65°



100°

BI-SYMMETRICAL



15°x40°



15°x70°



20°x45°



20°x80°



35°x110°



40°x65°

STANDARD & SPECIFICATION



Warranty with Registration

Vibration Standard for Bridge

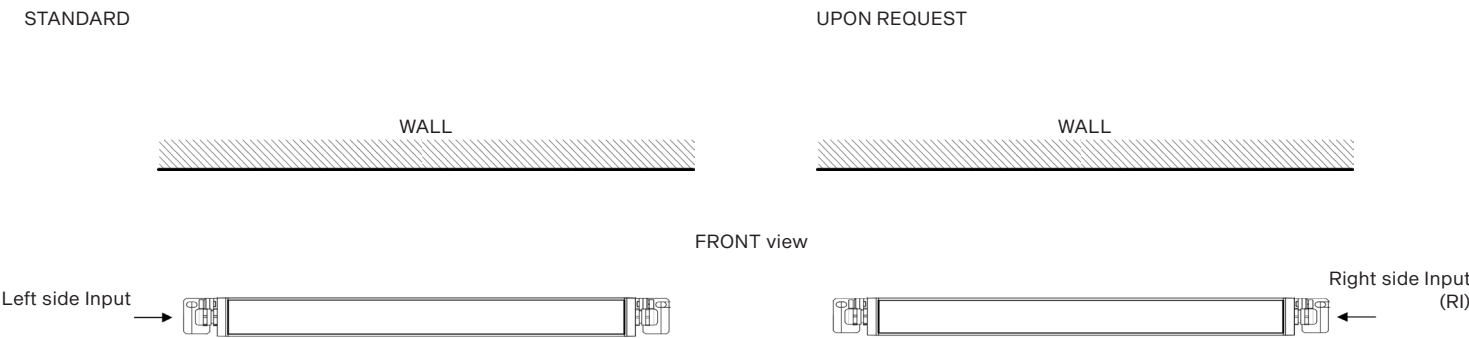
SPECIFICATION

ELECTRICAL	Input Voltage	48 V				
	Typical Power Consumption	Lamari MC 1: 10 W		Lamari MC 2: 20 W		
		Lamari MC 3: 30 W		Lamari MC 4: 40 W		
OPTICAL	Light Source	Lamari MC 1 / 2 / 3 / 4: 12 / 24 / 36 / 48 Mid Power LEDs				
	Colour Variants	RGBW (W - 6.500 K) RGBA				
	Beam Angle	Without Honeycomb Louvre	Symmetrical:	15° 25° 35° 50° 65° 100°		
			Bi-symmetrical:	15°x40° 15°x70° 20°x45° 20°x80° 35°x110° 40°x65°		
		With Honeycomb Louvre	Symmetrical:	15° 25° 35°		
			Bi-symmetrical:	15°x40°		
	Lumen Output Delivered	Lamari MC 1: 509 lm, (MC, RGBA @3000K) TBC		Lamari MC 3: 1527 lm, (MC, RGBA @3000K) TBC		
		Lamari MC 2: 1018 lm, (MC, RGBA @3000K) TBC		Lamari MC 4: 2036 lm, (MC, RGBA @3000K) TBC		
Projected Lumen Maintenance	L90B10 >90.000 hrs, Ta = 25°C / 77°F					
CONTROL	Interface Protocol	Via E-Box Remote range, DALI 2				
	E-Box Remote Control Protocols	USITT DMX512, RDM, ArtNet, MA Net, MA Net2, sACN, Kling-Net				
	Operating Modes	Pixel (per 1/2 Foot) or Fixture mode				
	Setting/Addressing	Via Two Row LCD Display with Control Buttons on E-Box Remote or RDM communicator				
	Power Supply	Via E-Box Remote range				
	Connectivity	E-box Remote E-box Remote Basic				
PHYSICAL	Width x Height x Length		Rear:		Side:	
		Lamari MC 1	37 x 39 x 339 mm (1.46 x 1.54 x 13.4 in.)		37 x 39 x 339 mm (1.46 x 1.54 x 13.4 in.)	
		Lamari MC 2	37 x 39 x 647 mm (1.46 x 1.54 x 25.5 in.)		37 x 39 x 647 mm (1.46 x 1.54 x 25.5 in.)	
		Lamari MC 3	37 x 39 x 956 mm (1.46 x 1.54 x 37.6 in.)		37 x 39 x 956 mm (1.46 x 1.54 x 37.6 in.)	
		Lamari MC 4	37 x 39 x 1264 mm (1.46 x 1.54 x 49.8 in.)		37 x 39 x 1264 mm (1.46 x 1.54 x 49.8 in.)	
	Weight 1 / 2 / 3 / 4	0.9 kg 2.0 lbs		1.6 kg 3.5 lbs	2.2 kg 4.9 lbs	2.8 kg 6.2 lbs
	Housing	High Pressure Extruded Aluminium Body End Caps – Die-Cast Aluminium Tempered Glass				
	Finish Options	Standard Colour		Graphite Black RAL 9011* Grey Aluminium RAL 9007 Pure White RAL 9010 Sandstone RAL 1014* *Closest RAL Tone		
		Standard Colour Harsh Environment		Graphite Black RAL 9011* Grey Aluminium RAL 9007 Pure White RAL 9010 Sandstone RAL 1014* *Closest RAL Tone		
		Cost Option		Custom RAL		
	Cables/Connections	IP67 Hybrid Connection (Power + Data)				
	Mounting Method	Surface Mount With Different Type of Brackets				
	Adjustability	+10° (With Standard Mounting Bracket)				
	Protection Factor IK Rating	IP67 / Suitable For Wet Locations IK08				
	Cooling System	Convection				
	Operating Ambient Temperature	-20°C / +40°C (-4°F / +104°F)				
	Operating Temperature	+67°C @ Ambient +40°C (+153°F @ Ambient +104°F)				
	CERTIFICATION	Listings	ETL / cETL, CE, RoHS, UKCA			
	ACCESSORIES	Included Items	Waterproof Cap for M connector AD-05			
			Waterproof Cap for F connector AD-05			
Not Included Items		Optical Demo Set for Lamari 1 2 3 4				
		Mounting Brackets 100 200 300 mm custom length				
		Wall Mount Scissors Brackets				
		Shield for Lamari:	Rear 1 2 3 4		Side 1 2 3 4	
Barndoors (with or without Side Covers) for Lamari 1 2 3 4						

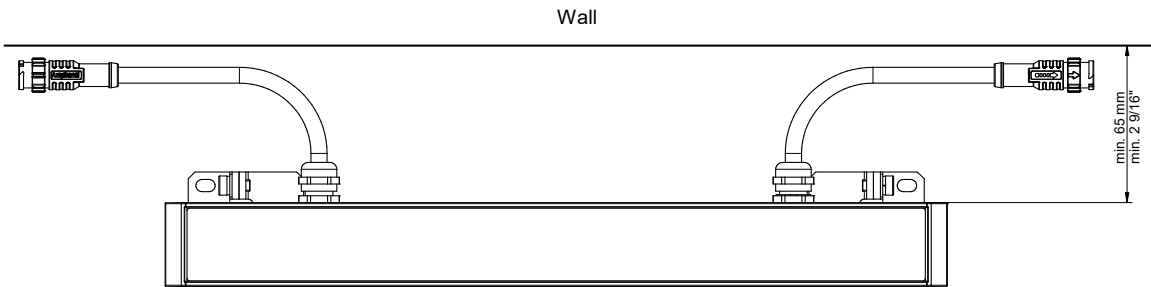
SPECIFICATION

CABLES AND CONNECTORS	Leader Cable FF, 0.1 m, CE AD-05
	Jumper Cable MM/FF CE AD-05, 0.5 m 1 m 3 m 5 m
	T-connector FMF CE AB-AD-05
	Cable SJTW 5x14 AWG black
	Cable SJTW 5x14 AWG white
	Field Installable Connector FF DC-05 (for 5x14 AWG)
	Field Installable Connector FM DC-05 (for 5x14 AWG)
	Connection Box Remote 1xOut
	Connection Box Remote 2xOut

LAMARI INPUT OPTIONS



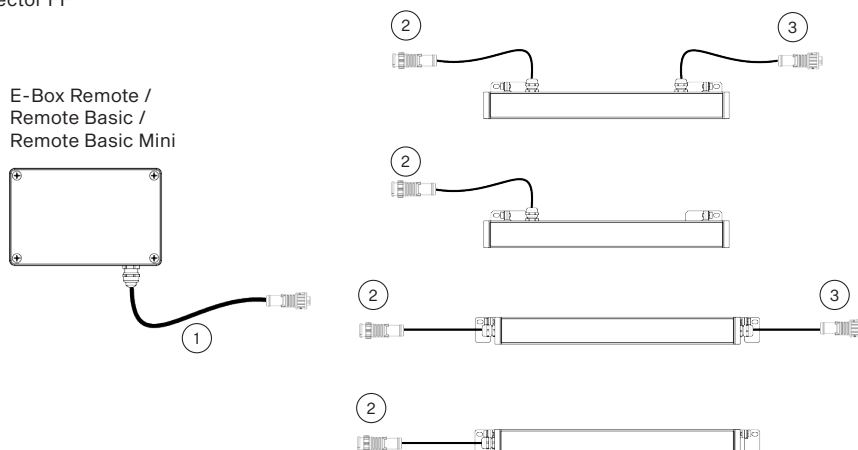
DISTANCE FROM THE WALL



CONTROL AND CONNECTION OPTIONS

STANDARD

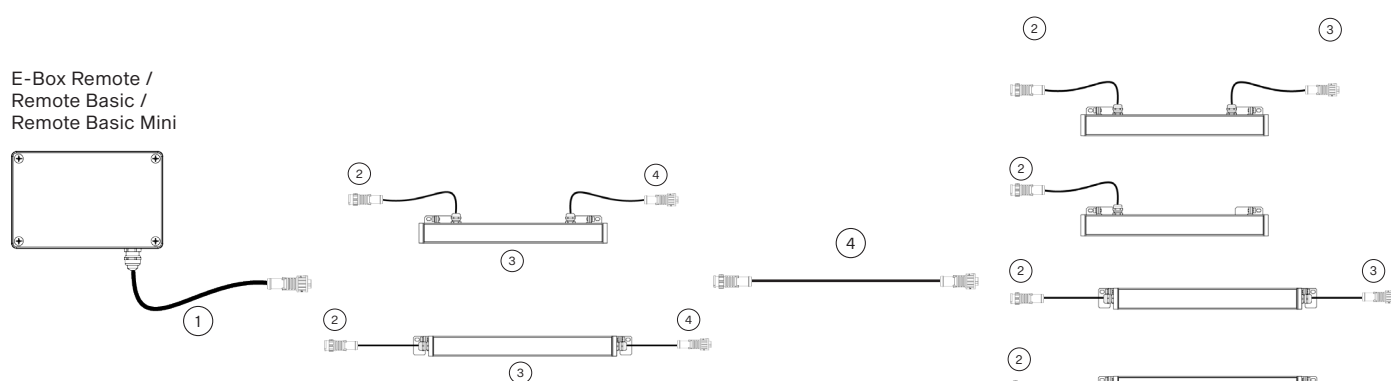
- 1) Leader Cable FF, 0.1 m, CE AD-05 (13053978)
- 2) Cable 5x20 AWG, 0.5 m, with connector MM
- 3) Cable 5x20 AWG, 0.1 m, with connector FF



Note: The last unplugged connector must be fitted with a Waterproof Cap to protect the IP rating.

STANDARD WITH JUMPER CABLE

- 1) Leader Cable FF, 0.1 m , CE AD-05 (13053978)
- 2) Cable 5x20 AWG, 0.5 m, with connector MM
- 3) Cable 5x20 AWG, 0.1 m, with connector FF
- 4) Jumper Cable MM/FF - 0.5 m | 1 m | 3 m | 5 m



Note: The last unplugged connector must be fitted with a Waterproof Cap to protect the IP rating.

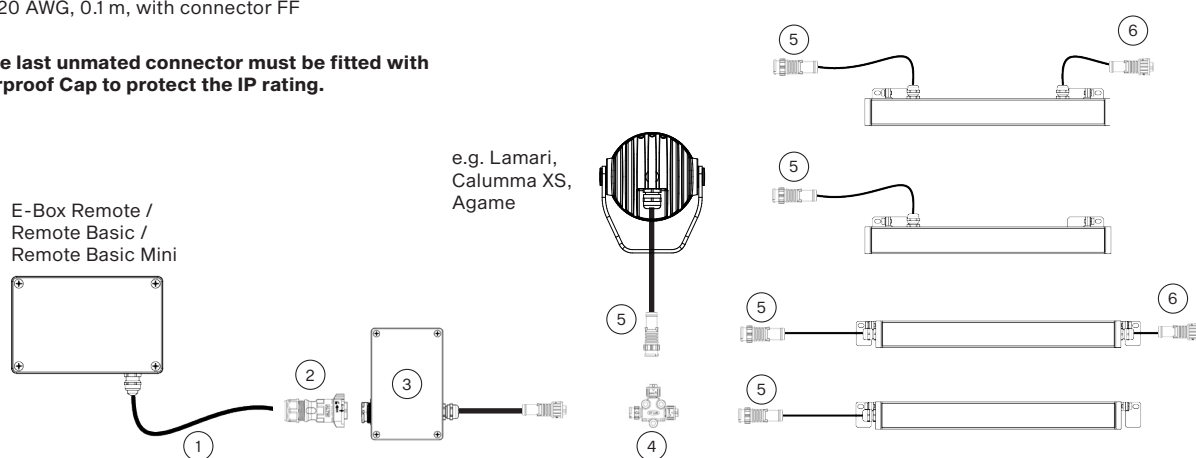
CONTROL AND CONNECTION OPTIONS

DMX WITH CONNECTION BOX FOR LAMARI

A

- 1) SJTW 5x14 AWG (13053336), standard with bare-end, black or Cable SJTW 5x14 AWG (13053697), with bare-end, white (on request)
- 2) Field Installable Connector FF DC-05 (13053971)
- 3) Connection Box Remote 1x Out (14 AWG–20 AWG), Cable 5x20 AWG, 0.1 m, with connector FF
- 4) T-connector FMF (13053941)
- 5) Cable 5x20 AWG, 0.5 m, with connector MM
- 6) Cable 5x20 AWG, 0.1 m, with connector FF

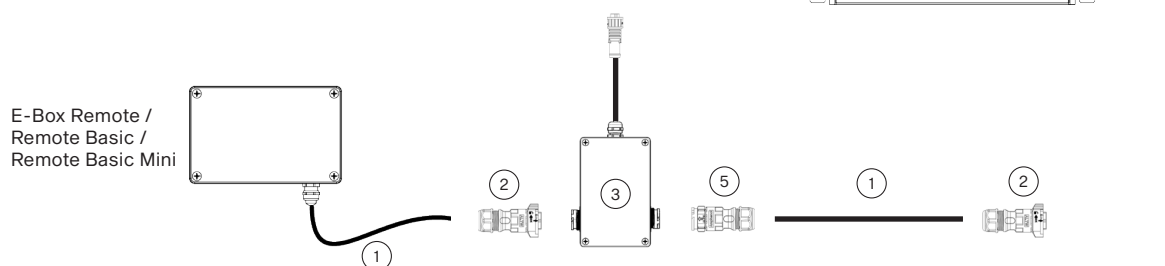
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



B

- 1) SJTW 5x14AWG (13053336), standard with bare-end, black or Cable SJTW 5x14AWG (13053697), with bare-end, white (on request)
- 2) Field Installable Connector FF DC-05 (13053971)
- 3) Connection Box Remote 2x Out (14 AWG–14 AWG & 20 AWG), Cable 5x20 AWG, 0.1 m, with connector FF
- 4) Cable 5x20 AWG, 0.1 m, with connector FF
- 5) Field Installable Connector FM DC-05 (13053973)
- 6) Cable 5x20 AWG, 0.5 m, with connector MM

Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



LAMARI CABLE ENTRY OPTIONS

Rear IN/OUT Version



Rear IN Version



Side IN/OUT Version

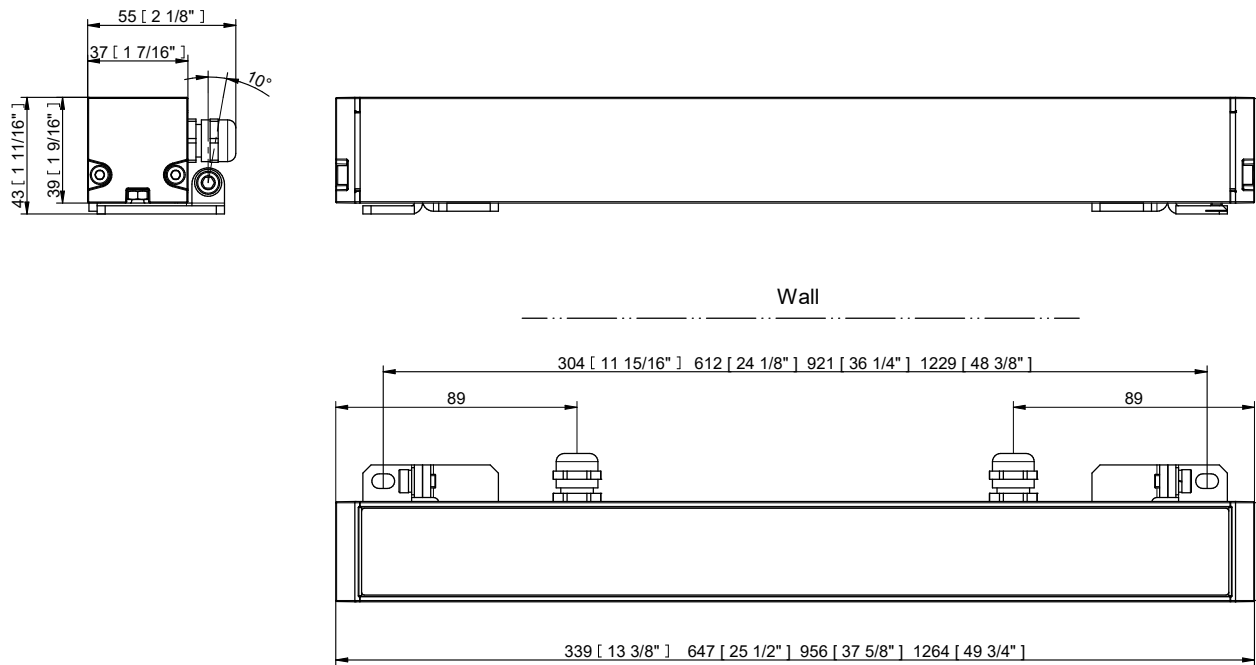


Side IN Version

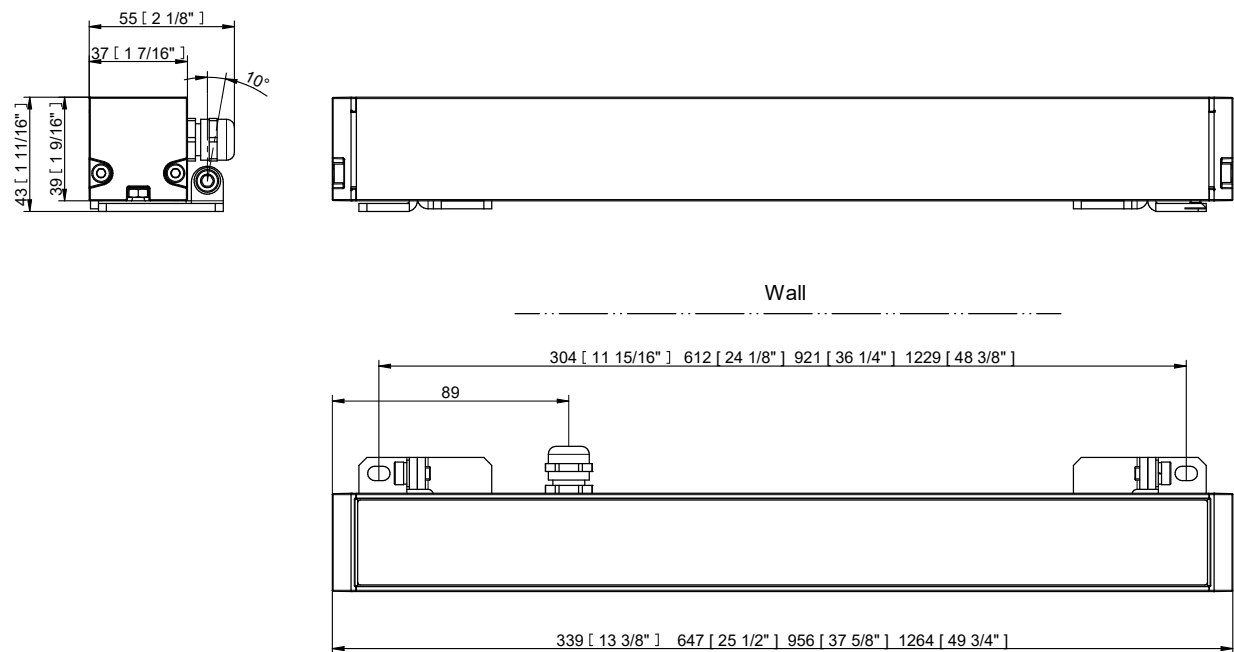


DIMENSIONS

Rear IN/OUT Version

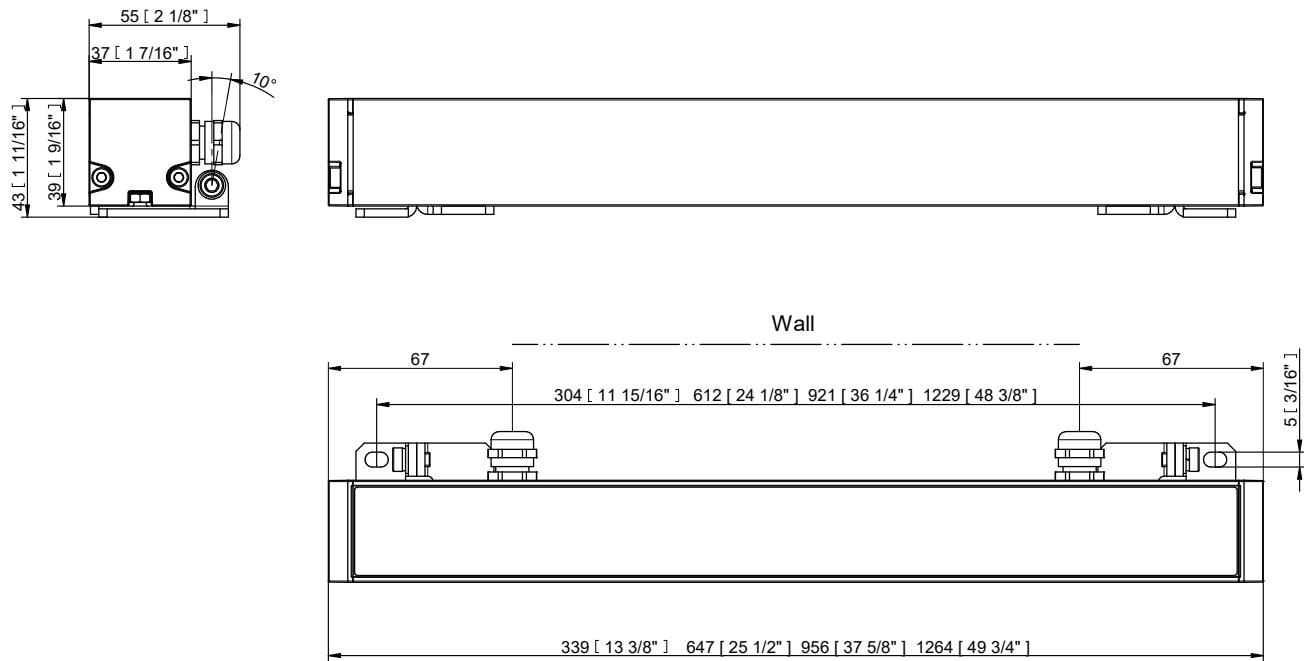


Rear IN Version

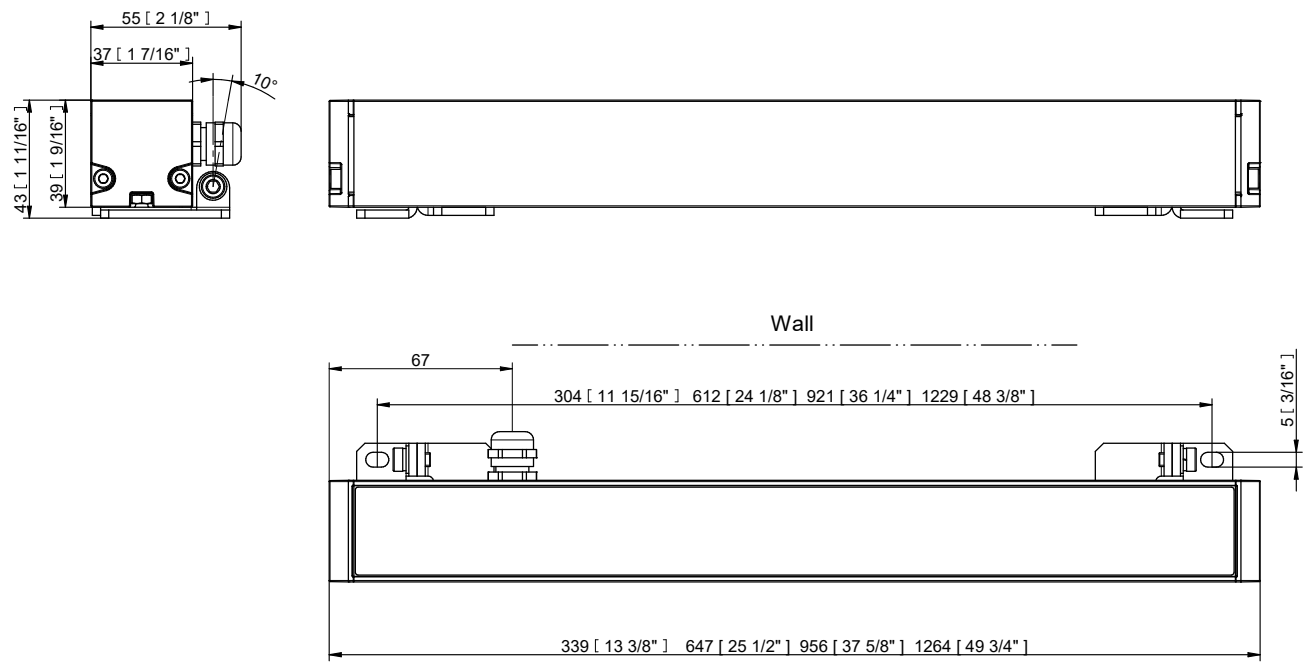


DIMENSIONS

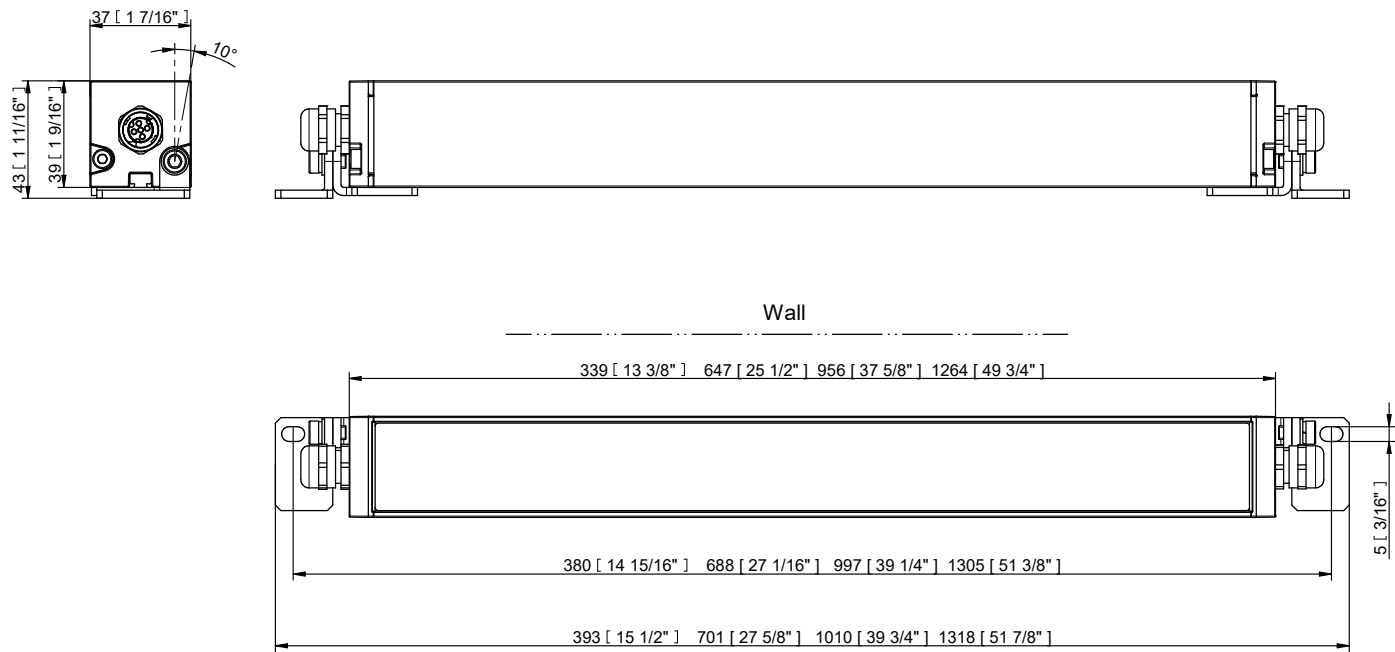
Rear IN/OUT Version



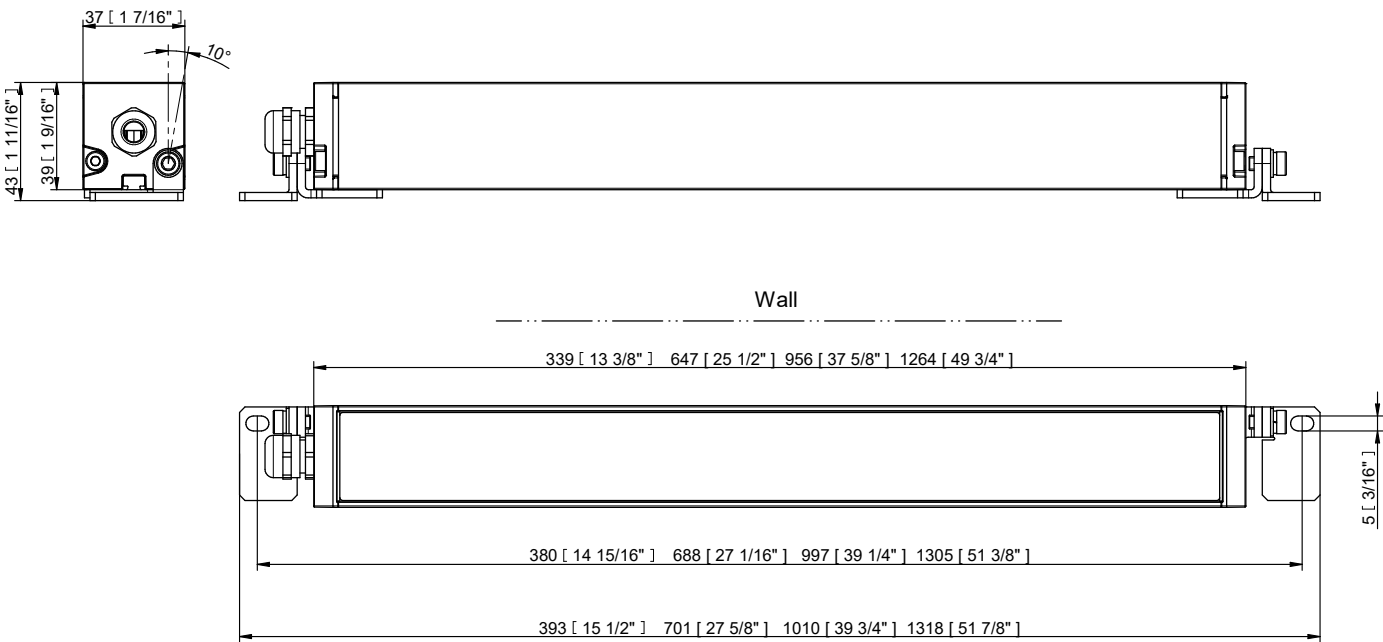
Rear IN Version



Side IN/OUT Version

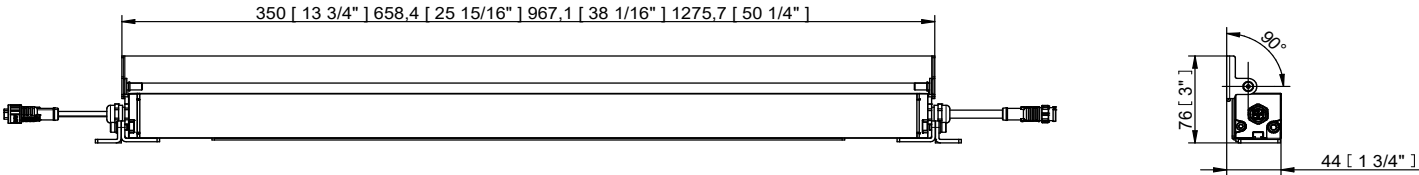


Side IN Version

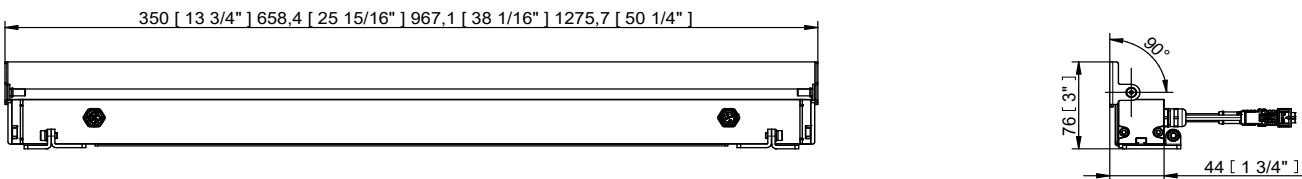


ACCESSORIES

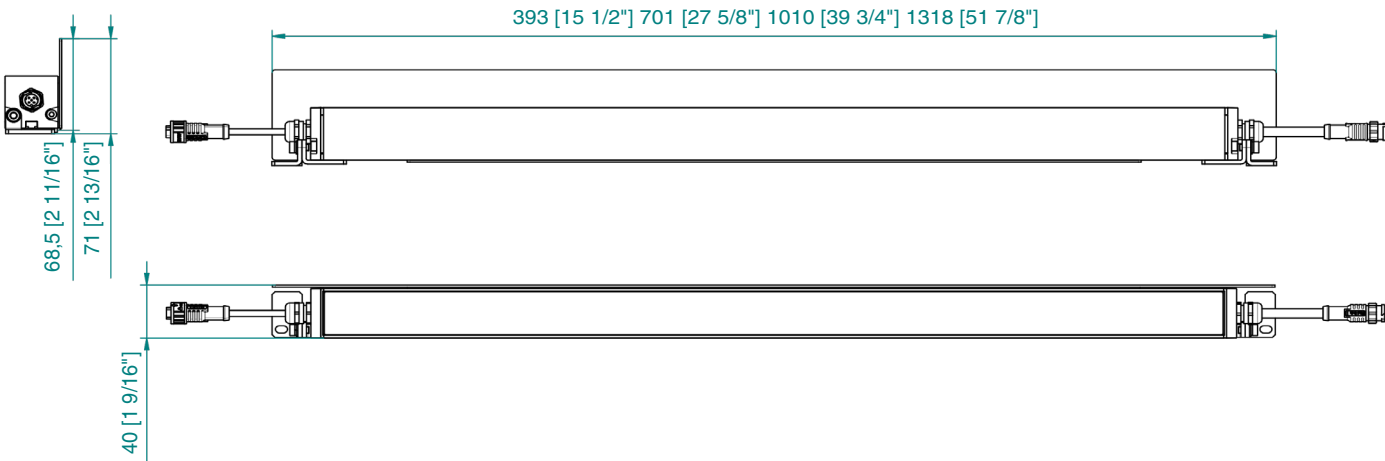
Barndoors for Lamari Side



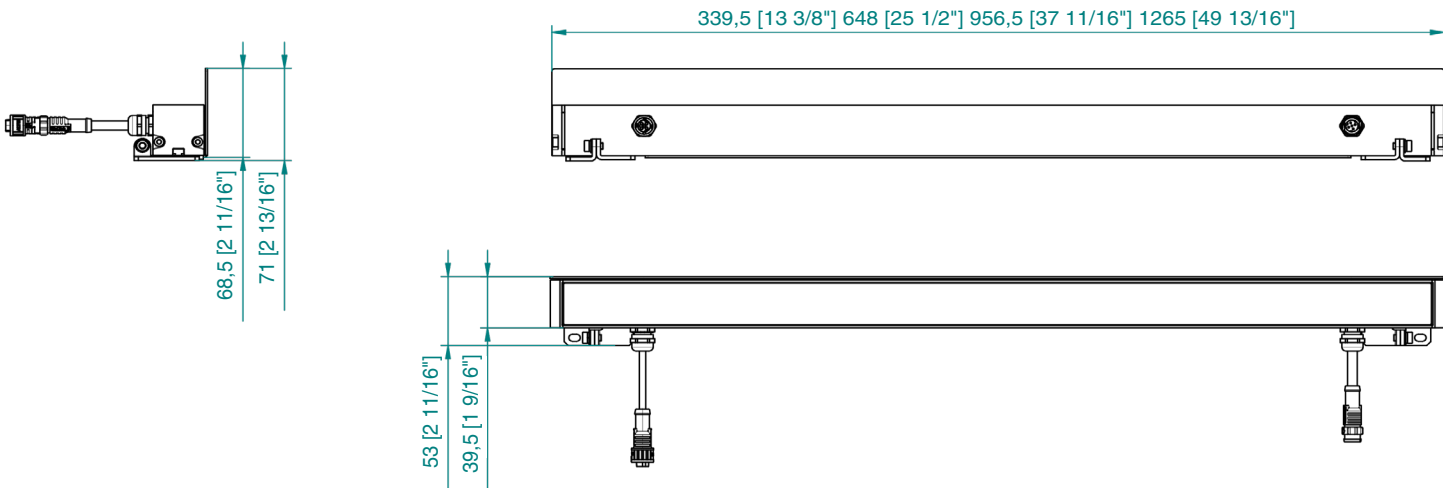
Barndoors for Lamari Rear



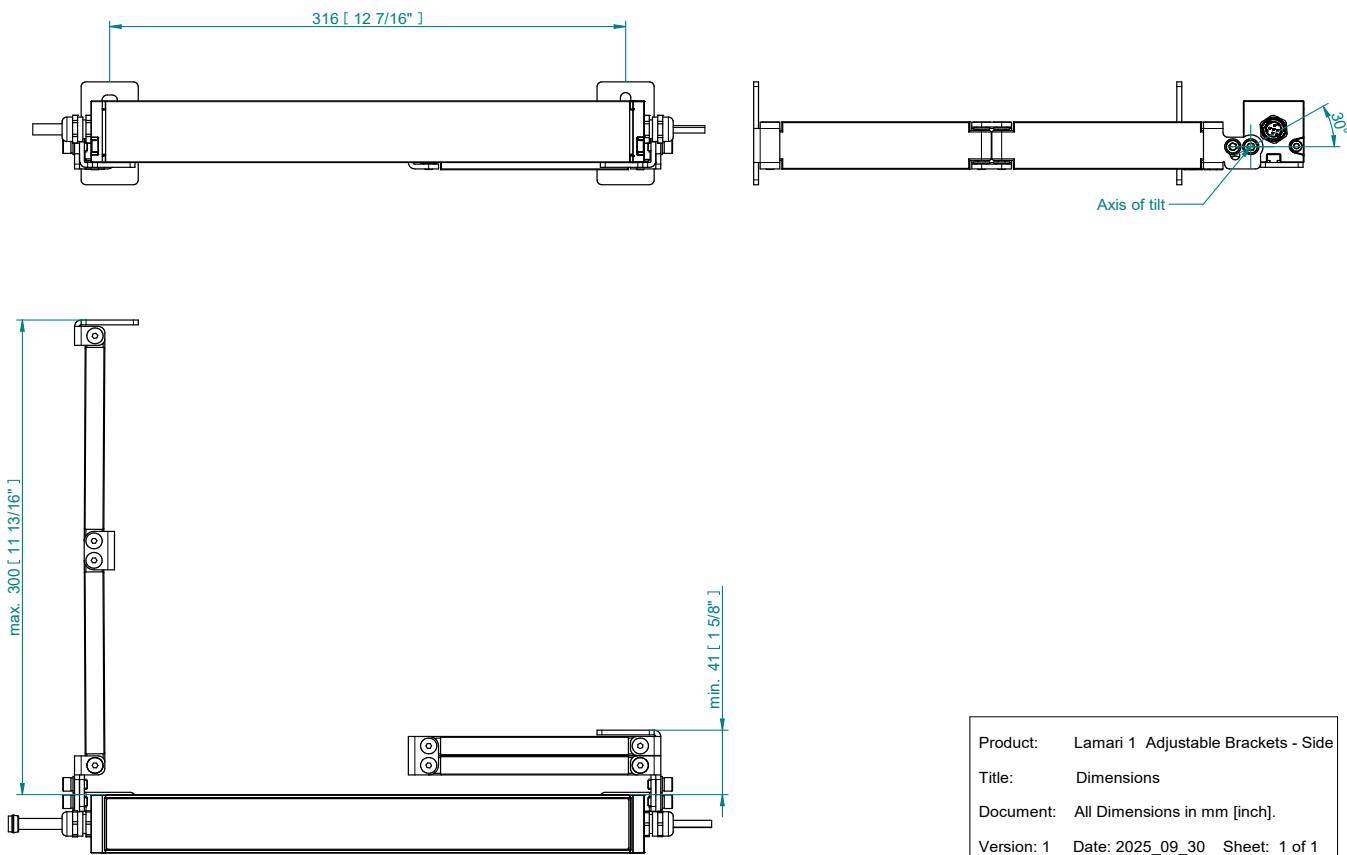
Shields for Lamari Side



Shields for Lamari Rear



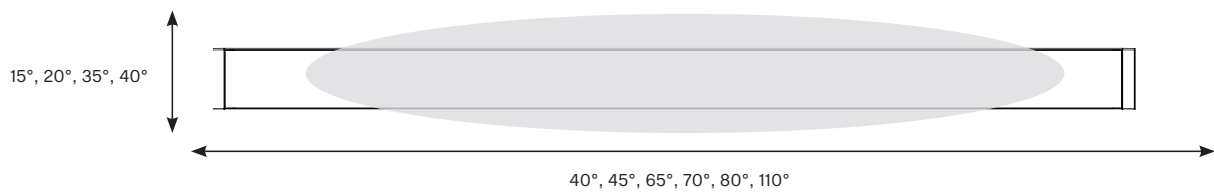
Wall Mount Scissors Brackets



Product:	Lamari 1 Adjustable Brackets - Side
Title:	Dimensions
Document:	All Dimensions in mm [inch].
Version: 1	Date: 2025_09_30 Sheet: 1 of 1

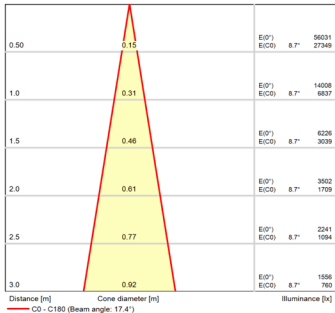
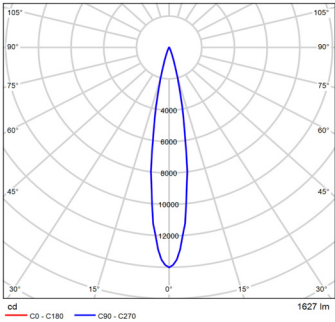
BI-SYMMETRICAL BEAM ANGLES

Bi-symmetrical: 15°x40°, 15°x70°, 20°x45°, 20°x80°, 35°x110°, 40°x65°

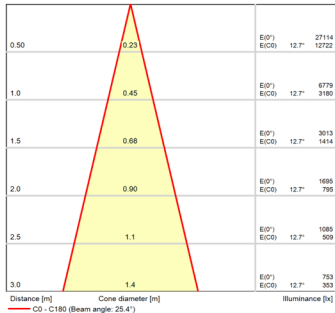
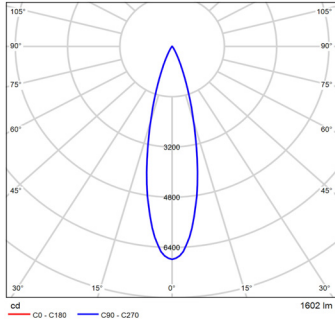


PHOTOMETRIC DATA

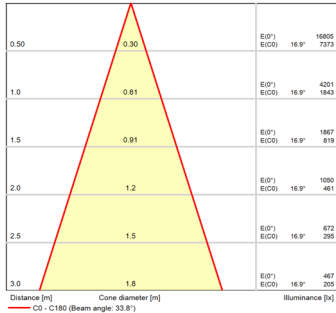
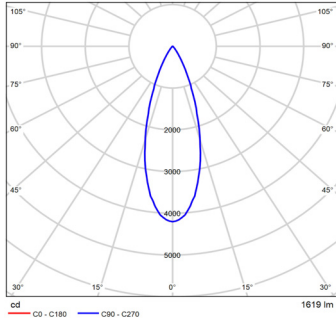
Lamari MC 4 RGBW (W-6500K)
15dg



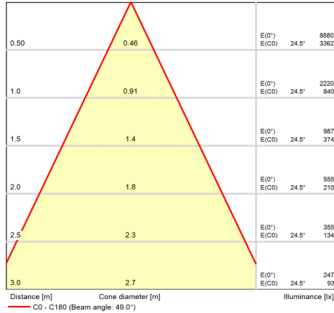
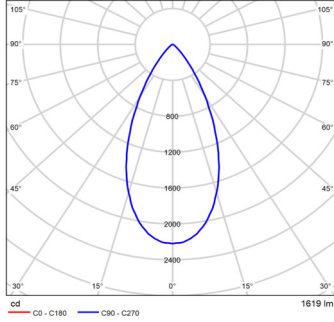
Lamari MC 4 RGBW (W-6500K)
25dg



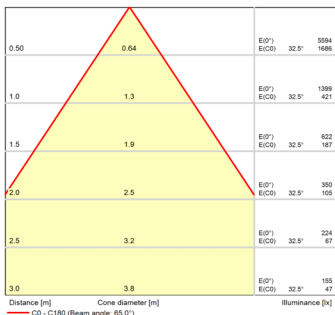
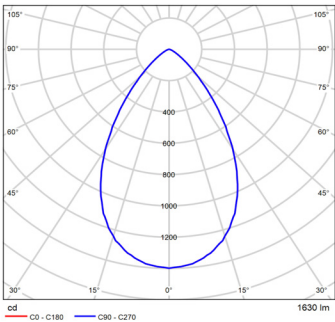
Lamari MC 4 RGBW (W-6500K)
35dg



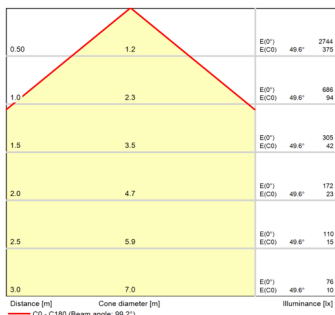
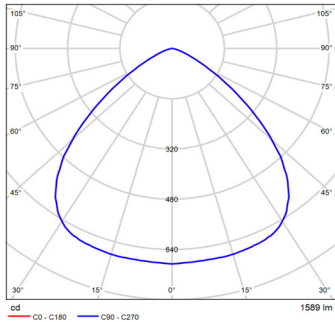
Lamari MC 4 RGBW (W-6500K)
50dg



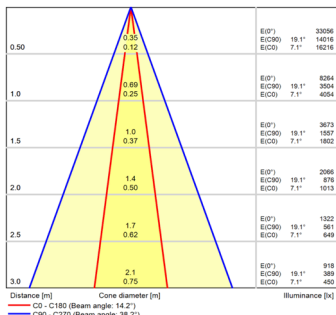
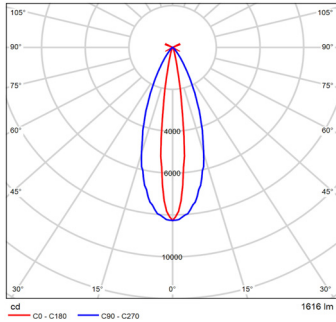
Lamari MC 4 RGBW (W-6500K)
65dg



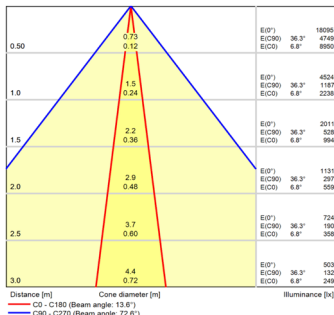
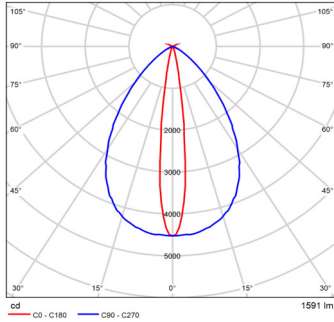
Lamari MC 4 RGBW (W-6500K)
100dg



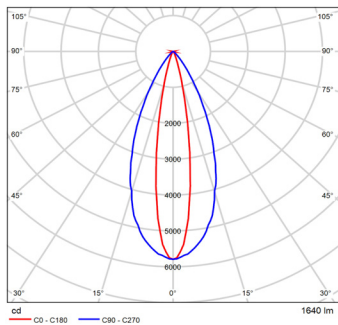
Lamari MC 4 RGBW (W-6500K)
15dg x 40dg



Lamari MC 4 RGBW (W-6500K)
15dg x 70dg

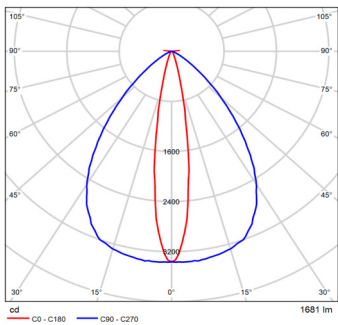


Lamari MC 4 RGBW (W-6500K)
20dg x 45dg



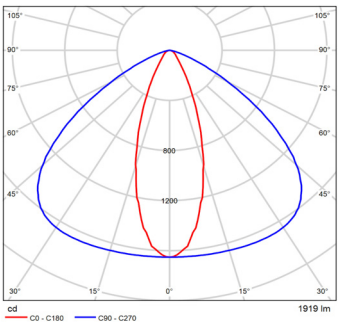
Distance [m]	Cone diameter [m]	Illuminance [lx]
0.50	0.40 0.16	E(0°) 23159 E(C90) 21.9° 5261 E(C180) 8.9° 11168
1.0	0.80 0.31	E(0°) 5790 E(C90) 21.9° 2315 E(C180) 8.9° 2799
1.5	1.2 0.47	E(0°) 2573 E(C90) 21.9° 1029 E(C180) 8.9° 1244
2.0	1.6 0.63	E(0°) 1447 E(C90) 21.9° 579 E(C180) 8.9° 703
2.5	2.0 0.78	E(0°) 926 E(C90) 21.9° 370 E(C180) 8.9° 448
3.0	2.4 0.94	E(0°) 643 E(C90) 21.9° 257 E(C180) 8.9° 311

Lamari MC 4 RGBW (W-6500K)
20dg x 80dg



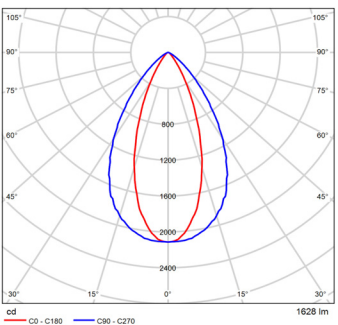
Distance [m]	Cone diameter [m]	Illuminance [lx]
0.50	0.63 0.15	E(0°) 13481 E(C90) 39.2° 3148 E(C180) 8.7° 6956
1.0	1.6 0.31	E(0°) 3383 E(C90) 39.2° 787 E(C180) 8.7° 1602
1.5	2.4 0.46	E(0°) 1495 E(C90) 39.2° 350 E(C180) 8.7° 734
2.0	3.3 0.61	E(0°) 841 E(C90) 39.2° 197 E(C180) 8.7° 413
2.5	4.1 0.77	E(0°) 538 E(C90) 39.2° 126 E(C180) 8.7° 264
3.0	4.9 0.92	E(0°) 374 E(C90) 39.2° 87 E(C180) 8.7° 184

Lamari MC 4 RGBW (W-6500K)
35dg x 110dg



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.50	1.4 0.32	E(0°) 6607 E(C90) 55.2° 624 E(C180) 17.6° 2874
1.0	2.9 0.63	E(0°) 1652 E(C90) 55.2° 156 E(C180) 17.6° 719
1.5	4.3 0.95	E(0°) 734 E(C90) 55.2° 69 E(C180) 17.6° 319
2.0	5.8 1.3	E(0°) 413 E(C90) 55.2° 39 E(C180) 17.6° 185
2.5	7.2 1.6	E(0°) 264 E(C90) 55.2° 25 E(C180) 17.6° 115
3.0	8.6 1.9	E(0°) 184 E(C90) 55.2° 17 E(C180) 17.6° 80

Lamari MC 4 RGBW (W-6500K)
40dg x 65dg



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.50	0.63 0.35	E(0°) 8481 E(C90) 32.2° 2514 E(C180) 19.1° 3568
1.0	1.3 0.69	E(0°) 2113 E(C90) 32.2° 643 E(C180) 19.1° 962
1.5	1.9 1.0	E(0°) 939 E(C90) 32.2° 286 E(C180) 19.1° 396
2.0	2.5 1.4	E(0°) 528 E(C90) 32.2° 161 E(C180) 19.1° 223
2.5	3.1 1.7	E(0°) 338 E(C90) 32.2° 103 E(C180) 19.1° 143
3.0	3.8 2.1	E(0°) 235 E(C90) 32.2° 71 E(C180) 19.1° 99