

LAMARI™ 1 / 2 / 3 / 4 SC

Our linear LED fixture is the ideal choice for professional lighting, offering outstanding color mixing. 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. 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 SC 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 SC is IK08 and IP67 certified. For more extreme and marine applications, a harsh environment finish option is also available.

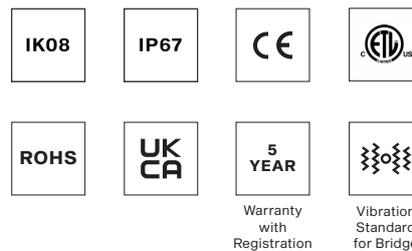
COLOURS



CONTROL & PROTOCOLS

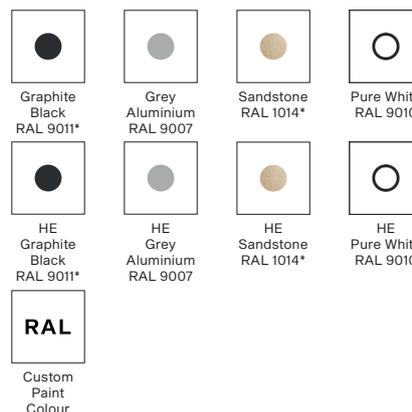


STANDARD & SPECIFICATION



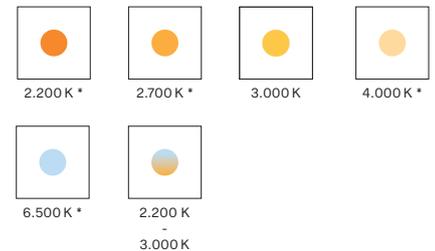
FINISH OPTIONS

* CLOSEST RAL TONE
* HE = Harsh Environment



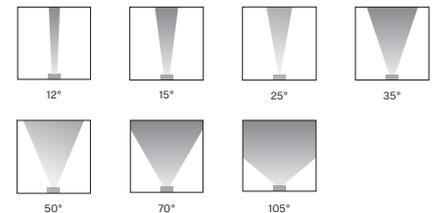
COLOUR TEMPERATURE

* UPON REQUEST

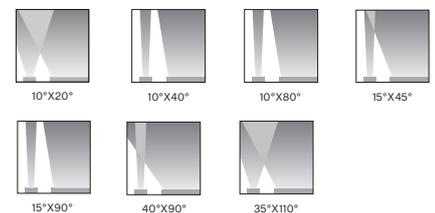


OPTIC OPTIONS

SYMMETRICAL



BI-SYMMETRICAL



SPECIFICATION

ELECTRICAL	Input Voltage	48 V			
	Typical Power Consumption	Lamari SC 1: 10 W	Lamari SC 2: 20 W		
		Lamari SC 3: 30 W	Lamari SC 4: 40 W		
OPTICAL	Light Source	Lamari SC 1 / 2 / 3 / 4: 8 / 16 / 24 / 32 High Power LEDs			
	Colour Variants	PW 3000K, TW 2200–3000 K Upon Request: PW 2200K, 2700 K, 4000 K, 6500 K			
	Beam Angle	Without Linear Louvre	Symmetrical:	12° 15° 25° 35° 50° 70° 105°	
			Bi-symmetrical:	10°x20° 10°x40° 10°x80° 15°x45° 15°x90° 35°x110° 45°x65°	
	With Linear Louvre <small>*Low Glare Accessories</small>		Symmetrical:	12° 15° 25°	
			Bi-symmetrical:	10°x20° 10°x40° 10°x80° 15°x45° 15°x90° 35°x110°	
Lumen Output Delivered	Lamari SC 1: 591 lm, (SC, PW 2700K) TBC		Lamari SC 3: 1911 lm, (SC, TW @3000K) TBC		
	Lamari SC 2: 1274 lm, (SC, TW @3000K) TBC		Lamari SC 4: 2548 lm, (SC, TW @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			
Width x Height x Length		Rear:		Side:	
	Lamari SC 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 SC 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 SC 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 SC 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				
PHYSICAL	Finish Options	Standard Colour	Graphite Black RAL 9011* Grey Aluminium RAL 9007 Pure White RAL 9010 Sandstone RAL 1014* <small>*Closest RAL Tone</small>		
		Standard Colour Harsh Environment	Graphite Black RAL 9011* Grey Aluminium RAL 9007 Pure White RAL 9010 Sandstone RAL 1014* <small>*Closest RAL Tone</small>		
		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			
		Wall Mount Brackets			
		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

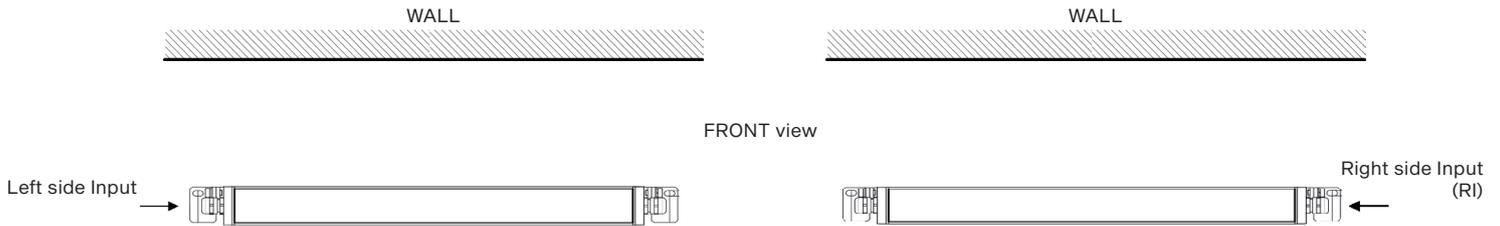
**CABLES
AND
CONNECTORS**

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

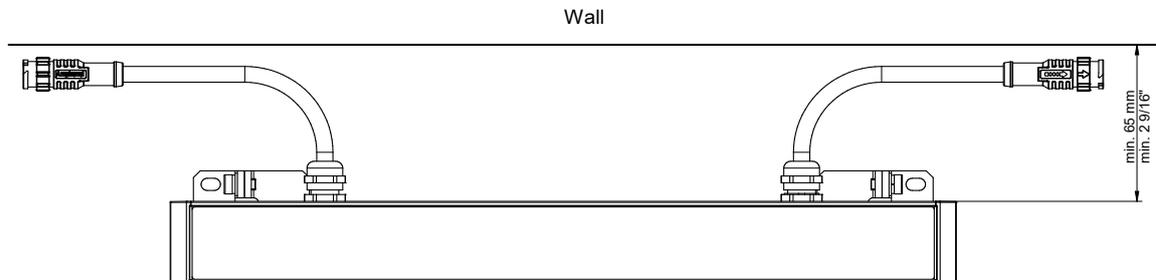
LAMARI INPUT OPTIONS

STANDARD

UPON REQUEST



DISTANCE FROM THE WALL

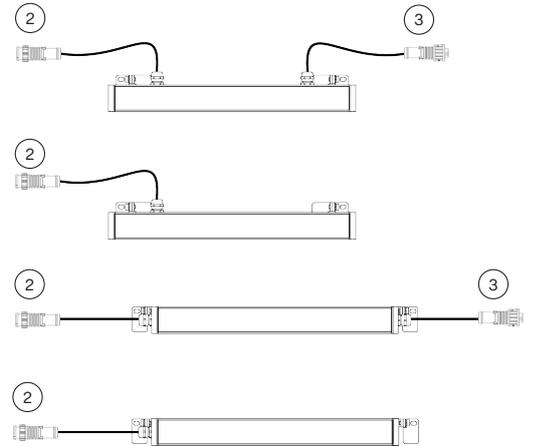
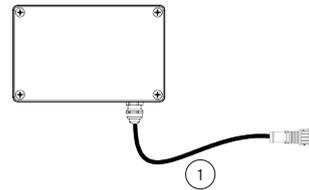


CONTROL AND CONNECTION OPTIONS

STANDARD

- 1) Leader Cable FF, 0.1 m, CE AD-05 (I3053978)
- 2) Cable 5x20 AWG, 0.5 m, with connector MM
- 3) Cable 5x20 AWG, 0.1 m, with connector FF

E-Box Remote /
Remote Basic /
Remote Basic Mini

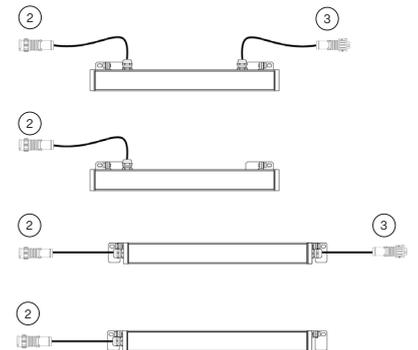
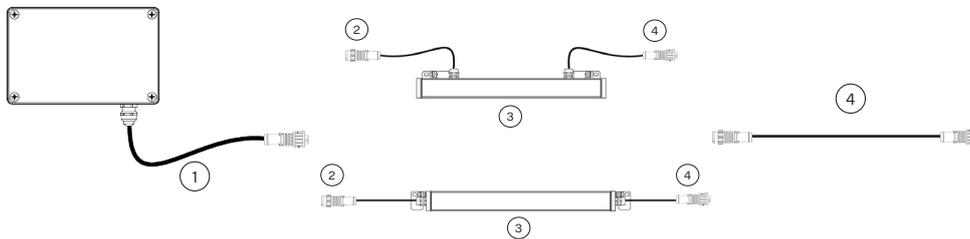


Note: The last unplugged connector must be fitted with a Waterproof Cap to protect the IP rating.

STANDARD WITH JUMPER CABLE

- 1) Leader Cable FF, 0.1 m, CE AD-05 (I3053978)
- 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

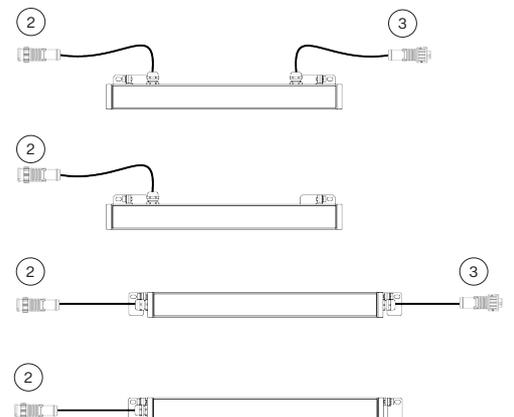
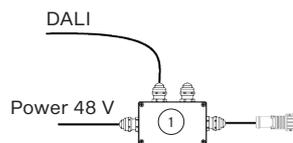
E-Box Remote /
Remote Basic /
Remote Basic Mini



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

DALI VERSION (CE)

- 1) Junction Box Remote with 5x20 AWG, 0.1 m, with connector FF
- 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.

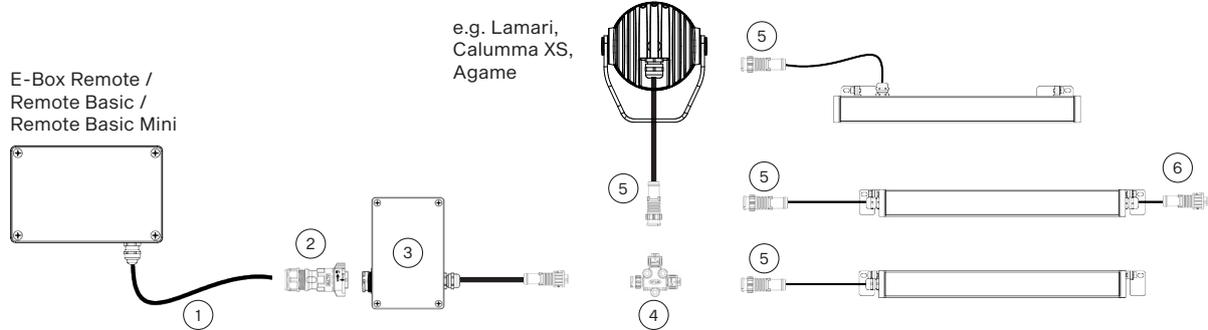
CONTROL AND CONNECTION OPTIONS

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

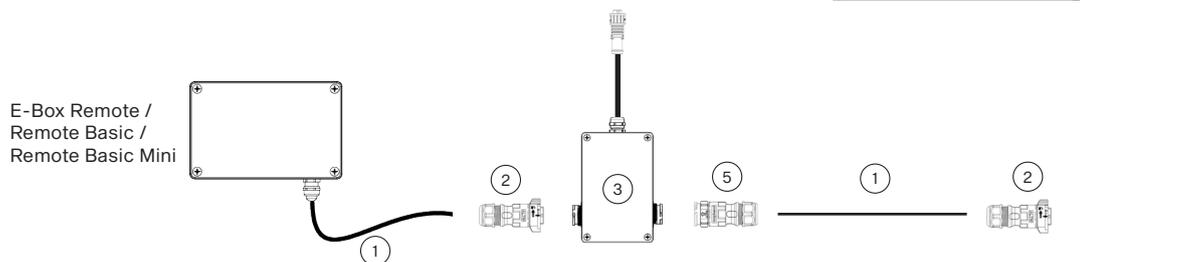
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



B

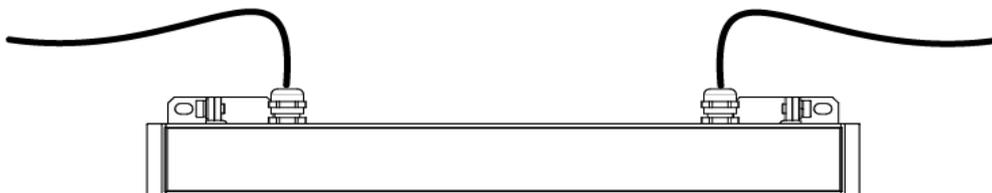
- 1) SJTW 5x14AWG (13053336), standard with bare-end, black or Cable SJTW 5x14AWG (13053697), with bare-end, white (on request)
- 2) Field Installable Connector FF DC-05 (13053971)
- 3) Connection Box Remote 2x Out (14 AWG–14 AWG & 20 AWG), Cable 5x20 AWG, 0.1 m, with connector FF
- 4) Cable 5x20 AWG,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

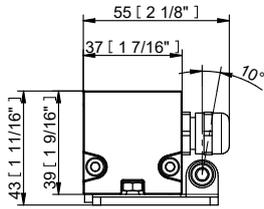


Side IN Version

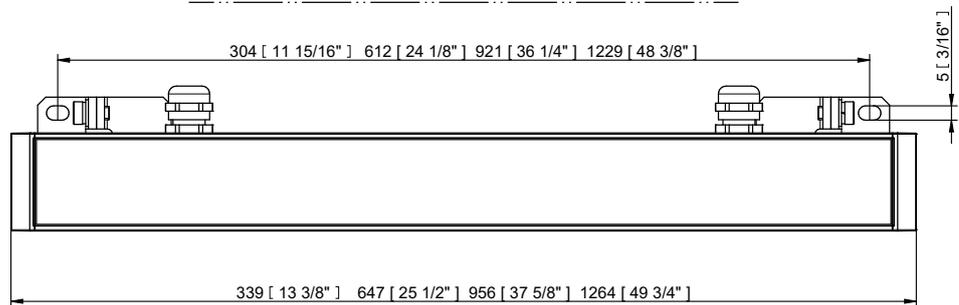


DIMENSIONS

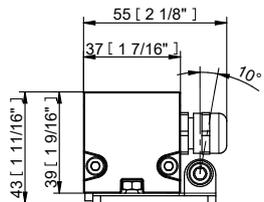
Rear IN/OUT Version



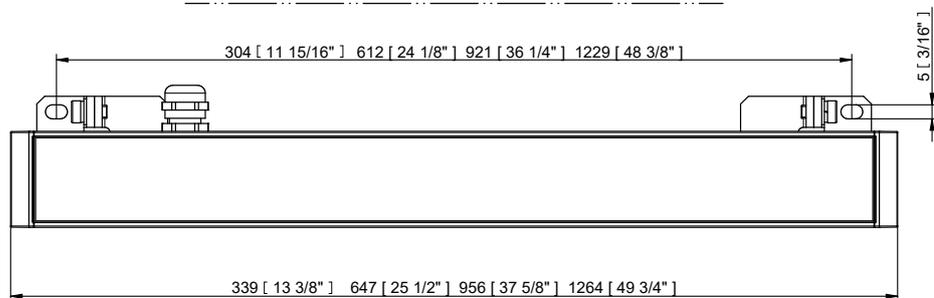
Wall



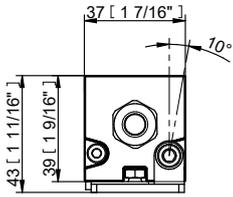
Rear IN Version



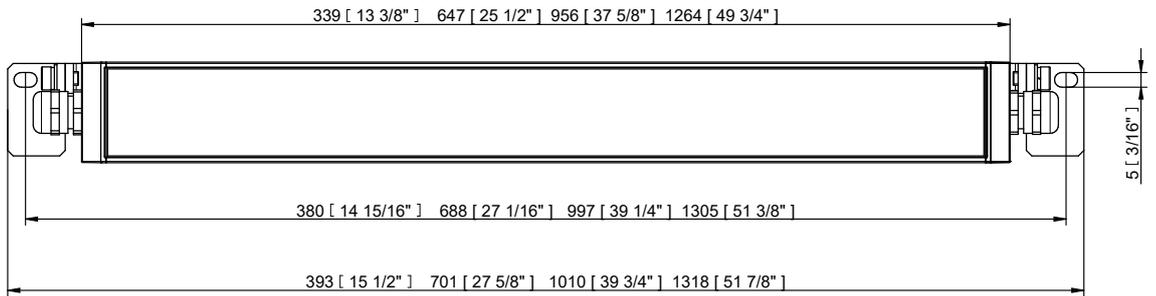
Wall



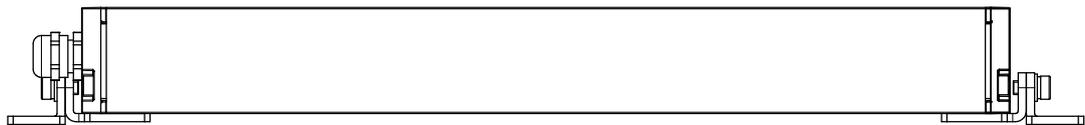
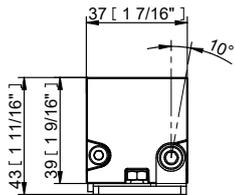
Side IN/OUT Version



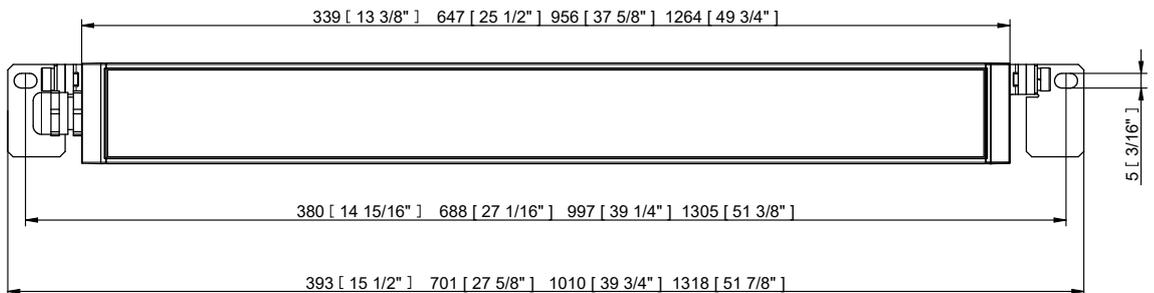
Wall



Side IN Version

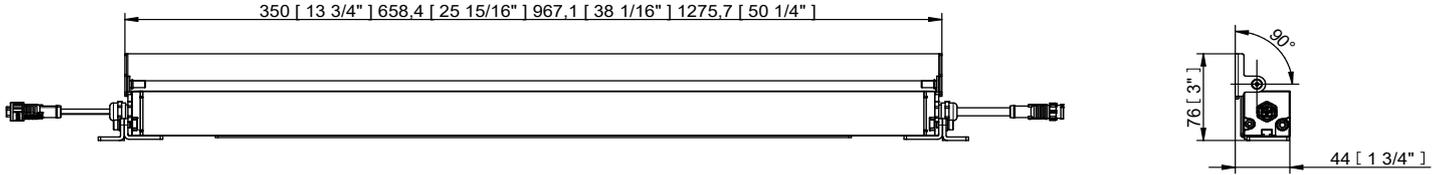


Wall

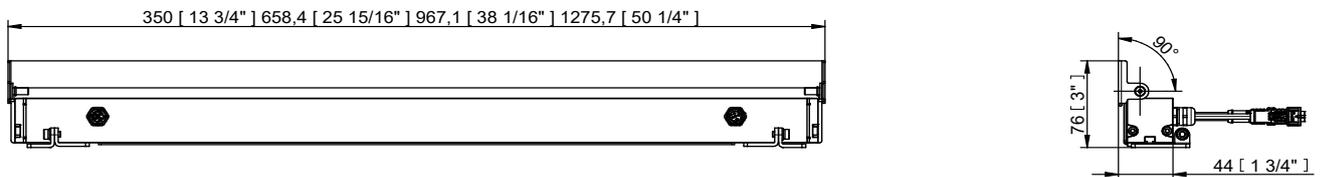


ACCESSORIES

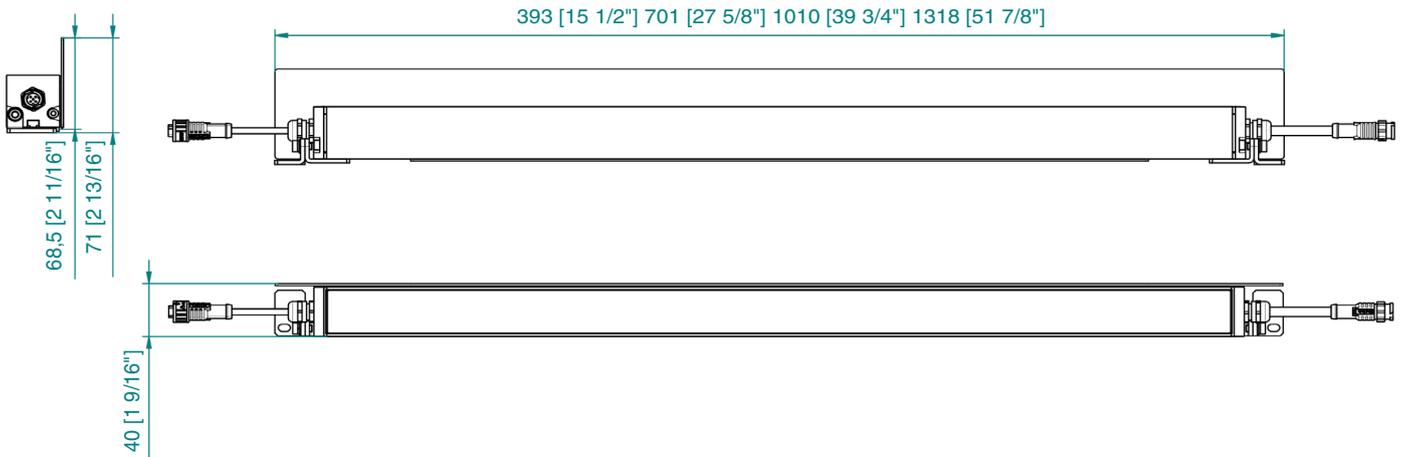
Barndoors for Lamari Side



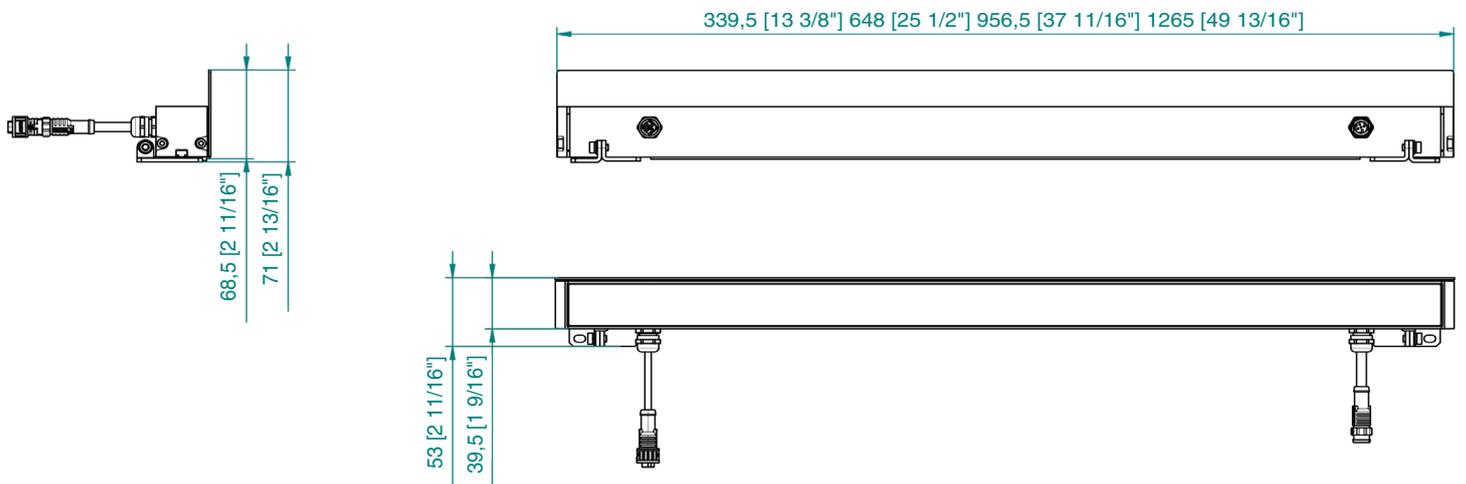
Barndoors for Lamari Rear



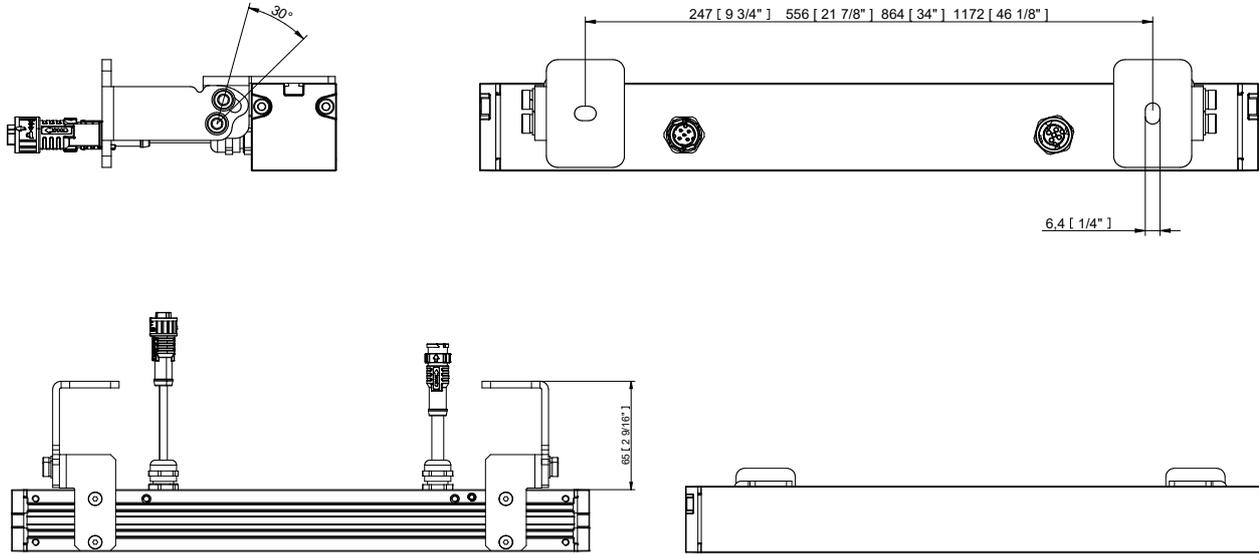
Shields for Lamari Side



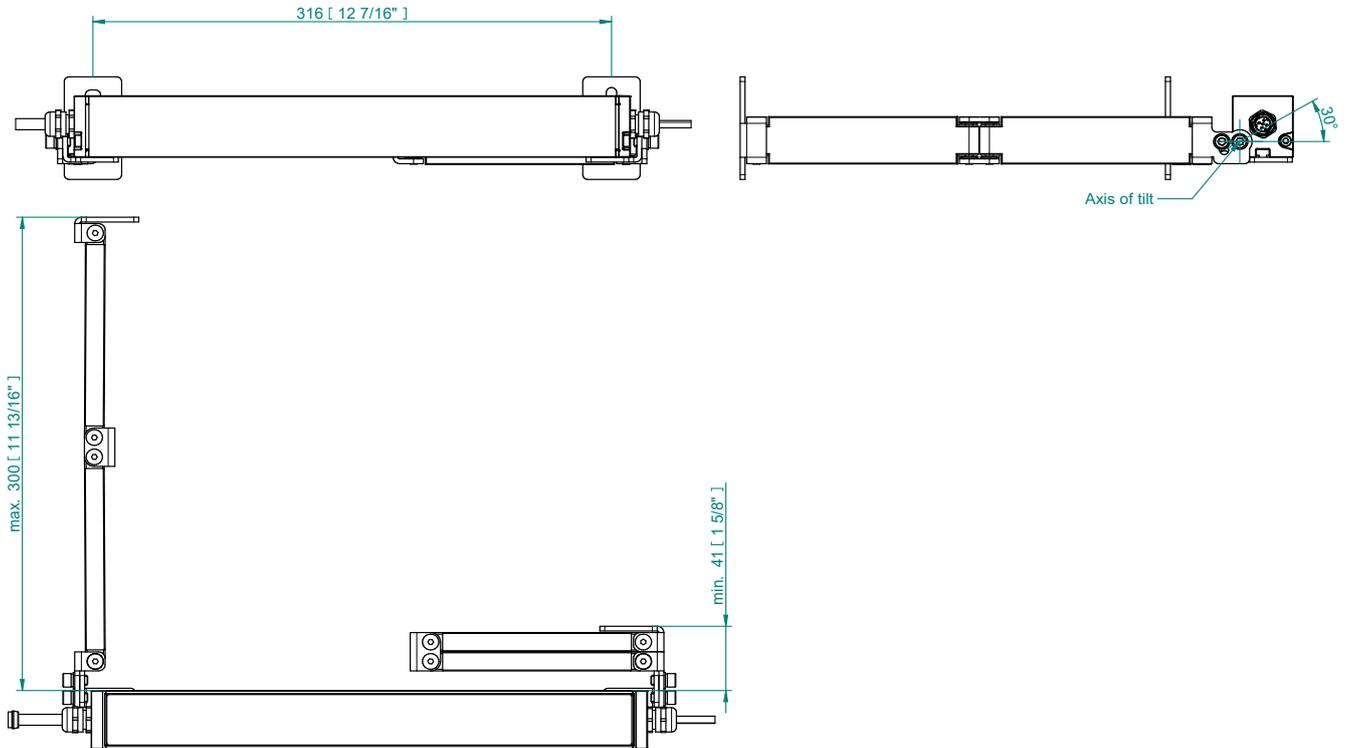
Shields for Lamari Rear



Wall Mount Brackets

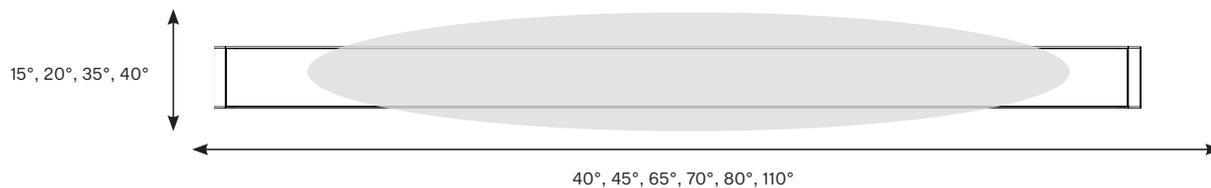


Wall Mount Scissors Brackets



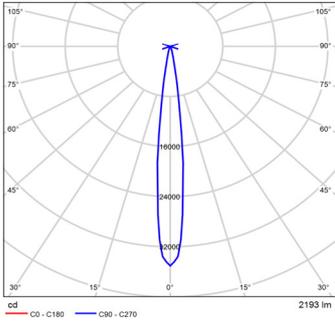
BI-SYMMETRICAL BEAM ANGLES

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



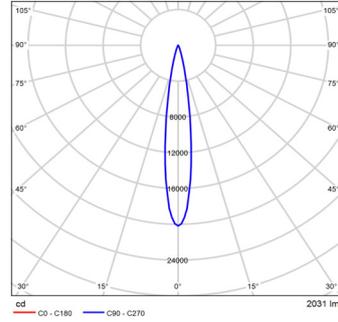
PHOTOMETRIC DATA

Lamari SC 4 TW (2200K–3000K)
12dg set to 3000K



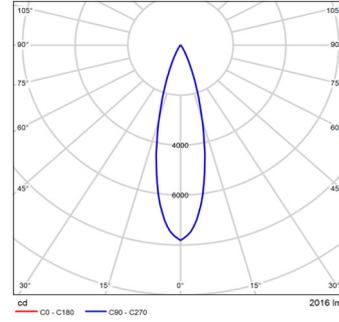
0.50	0.11	E(0°) E(C0)	6.2°	140126 69913
1.0	0.22	E(0°) E(C0)	6.2°	35031 17478
1.5	0.33	E(0°) E(C0)	6.2°	15070 7798
2.0	0.43	E(0°) E(C0)	6.2°	8758 4370
2.5	0.54	E(0°) E(C0)	6.2°	5605 2797
3.0	0.65	E(0°) E(C0)	6.2°	3892 1942
Distance [m]	Cone diameter [m]	Illuminance [lx]		
— C0 - C180 (Beam angle: 12.4°)				

Lamari SC 4 TW (2200K–3000K)
15dg set to 3000K



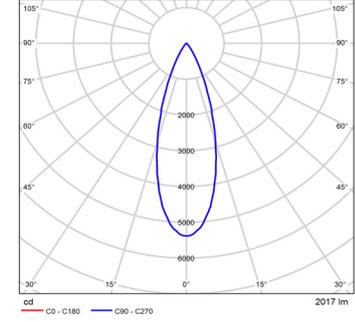
0.50	0.14	E(0°) E(C0)	7.7°	80687 36365
1.0	0.27	E(0°) E(C0)	7.7°	20172 9841
1.5	0.41	E(0°) E(C0)	7.7°	8965 4374
2.0	0.54	E(0°) E(C0)	7.7°	5043 2460
2.5	0.68	E(0°) E(C0)	7.7°	3227 1575
3.0	0.81	E(0°) E(C0)	7.7°	2241 1093
Distance [m]	Cone diameter [m]	Illuminance [lx]		
— C0 - C180 (Beam angle: 15.4°)				

Lamari SC 4 TW (2200K–3000K)
25dg set to 3000K



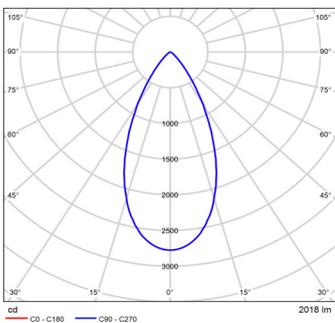
0.50	0.23	E(0°) E(C0)	13.2°	31249 14481
1.0	0.47	E(0°) E(C0)	13.2°	7812 3613
1.5	0.70	E(0°) E(C0)	13.2°	3472 1606
2.0	0.94	E(0°) E(C0)	13.2°	1953 903
2.5	1.2	E(0°) E(C0)	13.2°	1250 578
3.0	1.4	E(0°) E(C0)	13.2°	868 401
Distance [m]	Cone diameter [m]	Illuminance [lx]		
— C0 - C180 (Beam angle: 26.4°)				

Lamari SC 4 TW (2200K–3000K)
35dg set to 3000K



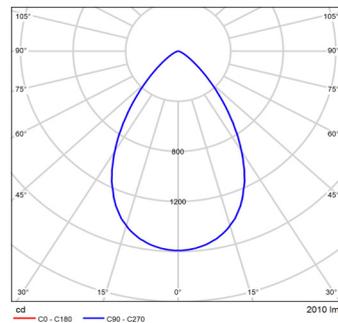
0.50	0.29	E(0°) E(C0)	16.4°	21529 9535
1.0	0.59	E(0°) E(C0)	16.4°	5382 2384
1.5	0.88	E(0°) E(C0)	16.4°	2392 1059
2.0	1.2	E(0°) E(C0)	16.4°	1346 596
2.5	1.5	E(0°) E(C0)	16.4°	861 381
3.0	1.8	E(0°) E(C0)	16.4°	598 265
Distance [m]	Cone diameter [m]	Illuminance [lx]		
— C0 - C180 (Beam angle: 32.8°)				

Lamari SC 4 TW (2200K–3000K)
50dg set to 3000K



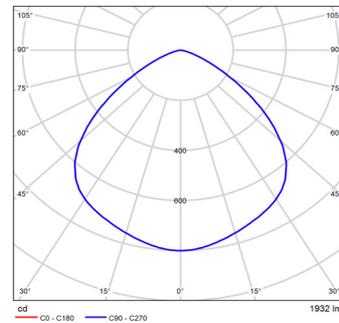
0.50	0.45	E(0°) E(C0)	24.4°	11104 4195
1.0	0.91	E(0°) E(C0)	24.4°	2776 1049
1.5	1.4	E(0°) E(C0)	24.4°	1234 466
2.0	1.8	E(0°) E(C0)	24.4°	694 262
2.5	2.3	E(0°) E(C0)	24.4°	444 168
3.0	2.7	E(0°) E(C0)	24.4°	308 117
Distance [m]	Cone diameter [m]	Illuminance [lx]		
— C0 - C180 (Beam angle: 48.8°)				

Lamari SC 4 TW (2200K–3000K)
70dg set to 3000K



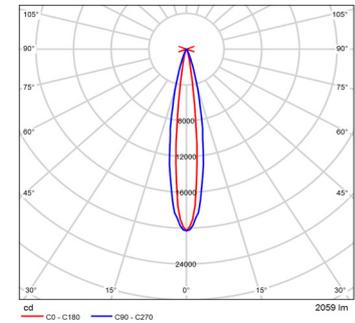
0.50	0.68	E(0°) E(C0)	34.2°	6364 1891
1.0	1.4	E(0°) E(C0)	34.2°	1581 469
1.5	2.0	E(0°) E(C0)	34.2°	707 209
2.0	2.7	E(0°) E(C0)	34.2°	398 119
2.5	3.4	E(0°) E(C0)	34.2°	255 75
3.0	4.1	E(0°) E(C0)	34.2°	177 50
Distance [m]	Cone diameter [m]	Illuminance [lx]		
— C0 - C180 (Beam angle: 68.4°)				

Lamari SC 4 TW (2200K–3000K)
105dg set to 3000K



0.50	1.3	E(0°) E(C0)	52.1°	3302 371
1.0	2.6	E(0°) E(C0)	52.1°	800 93
1.5	3.9	E(0°) E(C0)	52.1°	356 41
2.0	5.1	E(0°) E(C0)	52.1°	200 23
2.5	6.4	E(0°) E(C0)	52.1°	128 15
3.0	7.7	E(0°) E(C0)	52.1°	89 10
Distance [m]	Cone diameter [m]	Illuminance [lx]		
— C0 - C180 (Beam angle: 104.2°)				

Lamari SC 4 TW (2200K–3000K)
10dg x 20dg set to 3000K



0.50	0.17 0.11	E(0°) E(C0)	9.8° 6.1°	81172 39022 40763
1.0	0.35 0.21	E(0°) E(C0)	9.8° 6.1°	20293 9756 4029
1.5	0.52 0.32	E(0°) E(C0)	9.8° 6.1°	9019 4338 4029
2.0	0.69 0.43	E(0°) E(C0)	9.8° 6.1°	5073 2439 2548
2.5	0.86 0.53	E(0°) E(C0)	9.8° 6.1°	3247 1561 1631
3.0	1.0 0.64	E(0°) E(C0)	9.8° 6.1°	2285 1084 1132
Distance [m]	Cone diameter [m]	Illuminance [lx]		
— C0 - C180 (Beam angle: 12.2°) — C90 - C270 (Beam angle: 19.8°)				

