

LAMARI™ 1 / 2 / 3 / 4 SC

Our linear LED fixture is the ideal choice for professional lighting, delivering a clean and uniform single-colour light output with excellent colour stability and high luminous efficacy. 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.

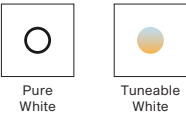
Compact design

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



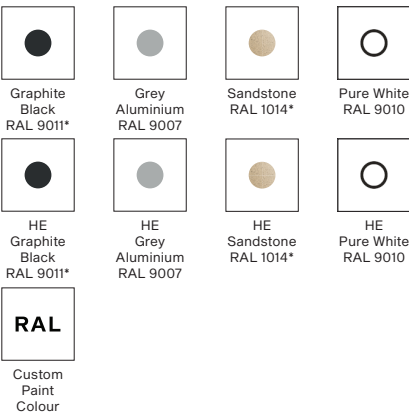
CONTROL & PROTOCOLS



STANDARD & SPECIFICATION

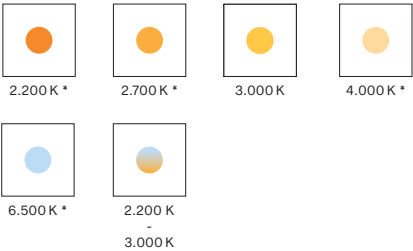


FINISH OPTIONS



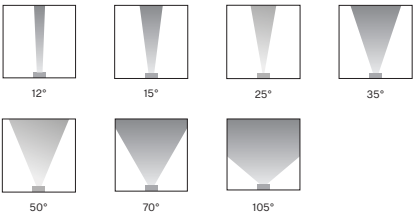
COLOUR TEMPERATURE

* UPON REQUEST

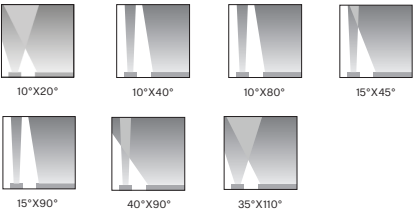


OPTIC OPTIONS

SYMMETRICAL



BI-SYMMETRICAL



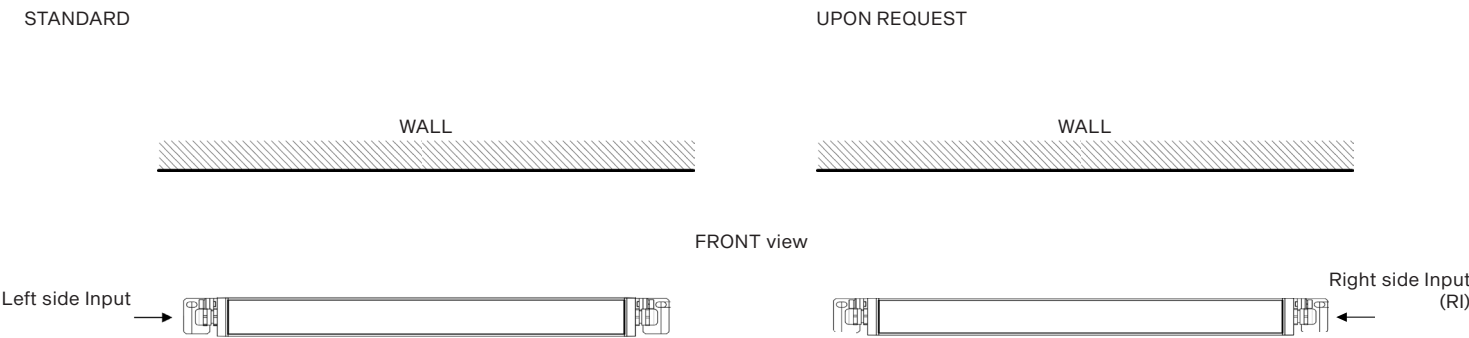
SPECIFICATION

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 Honeycomb 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 Honeycomb Louvre	Symmetrical:	12° 15° 25° 35°					
			Bi-symmetrical:	10°x40°					
	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							
PHYSICAL	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							
	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							
		Optical Demo Set for Lamari 1 2 3 4							
	Not Included Items	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									

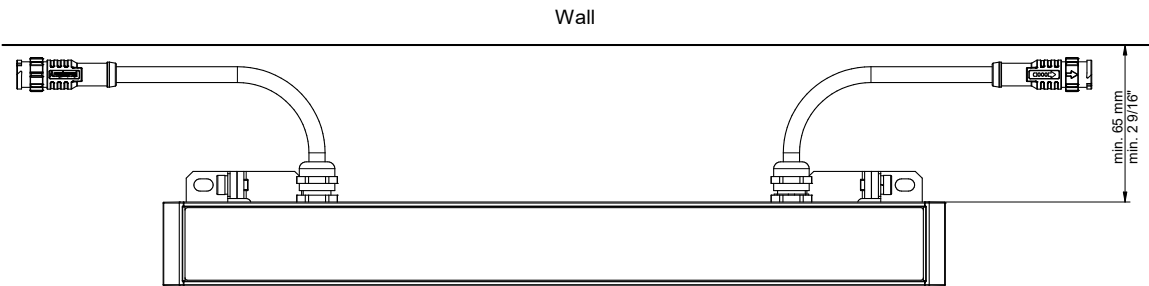
SPECIFICATION

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

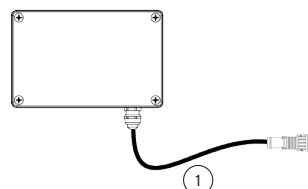


CONTROL AND CONNECTION OPTIONS

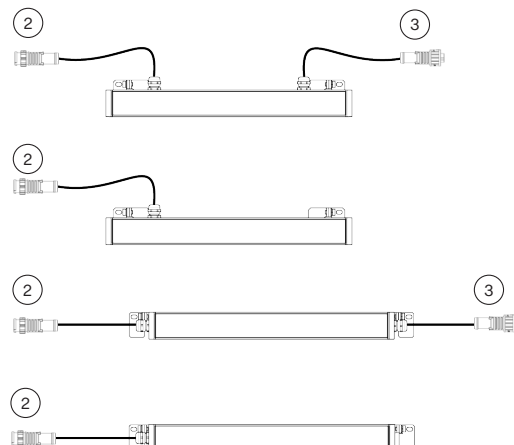
STANDARD

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



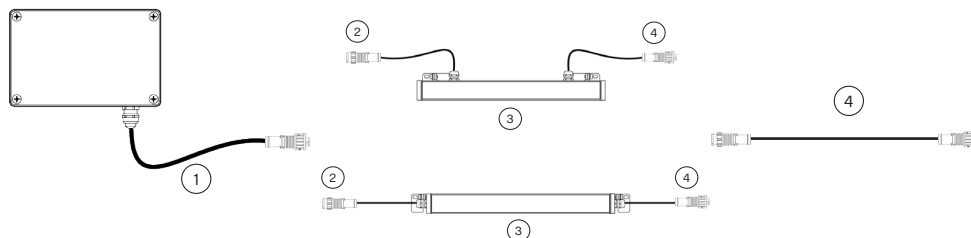
Note: The last unplugged connector must be fitted with a Waterproof Cap to protect the IP rating.



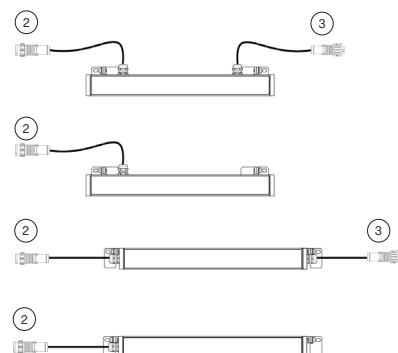
STANDARD WITH JUMPER CABLE

- 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

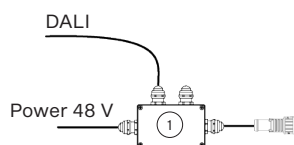


Note: The last unplugged connector must be fitted with a Waterproof Cap to protect the IP rating.

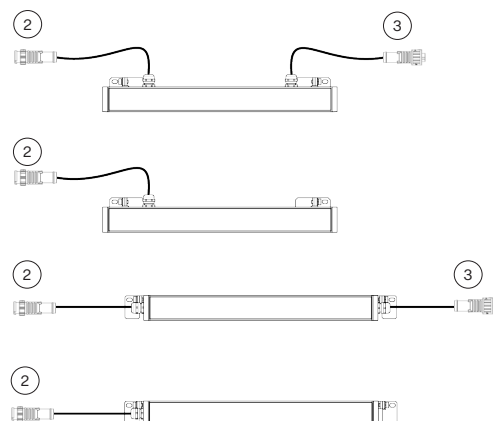


DALI VERSION (CE)

- 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.



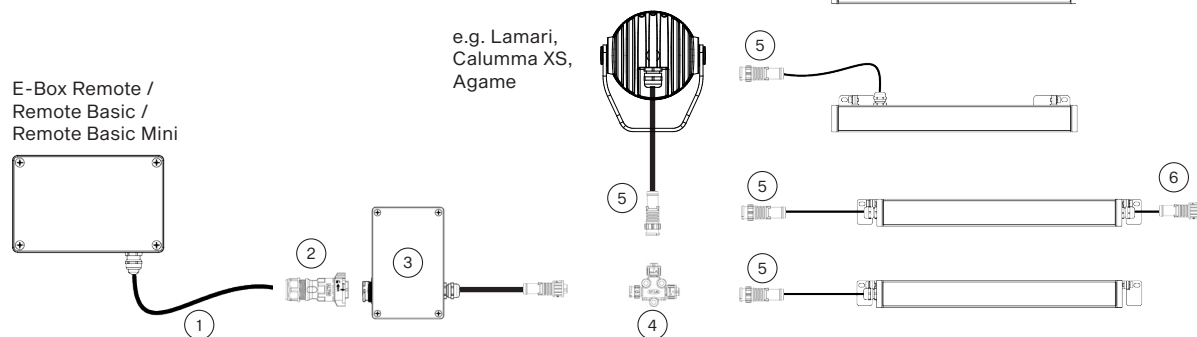
CONTROL AND CONNECTION OPTIONS

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

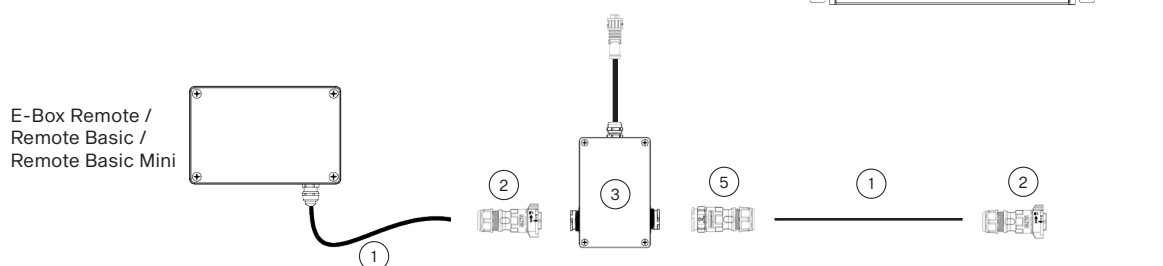
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



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

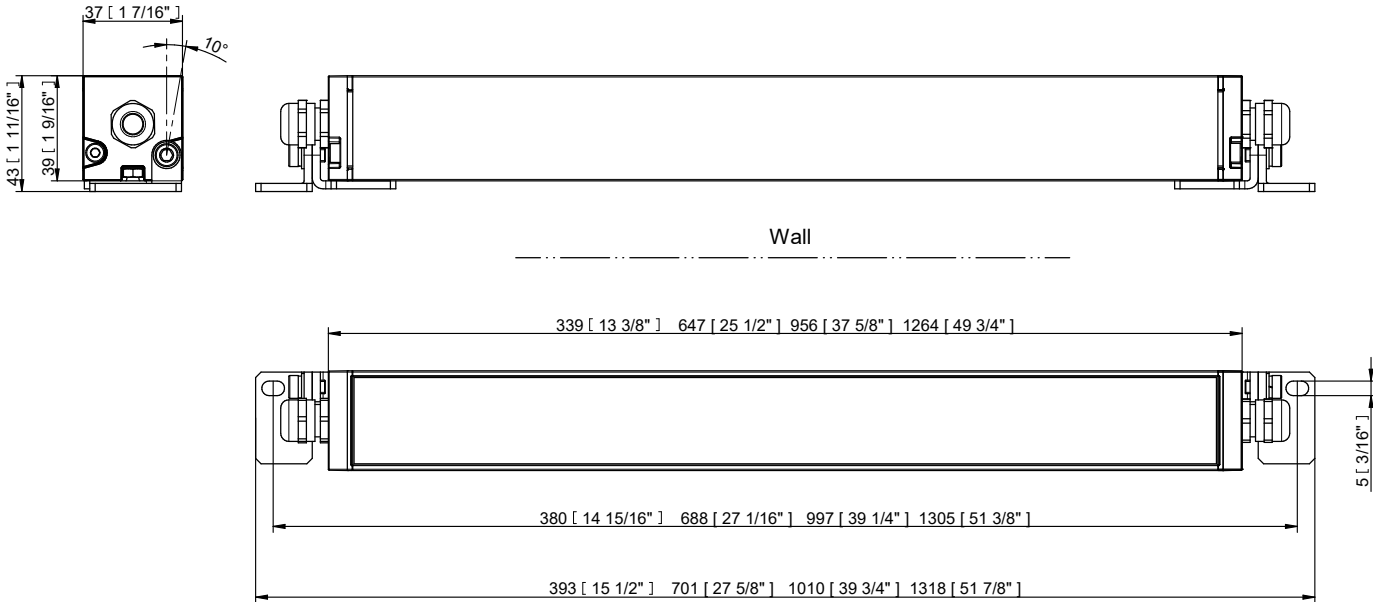


Side IN Version

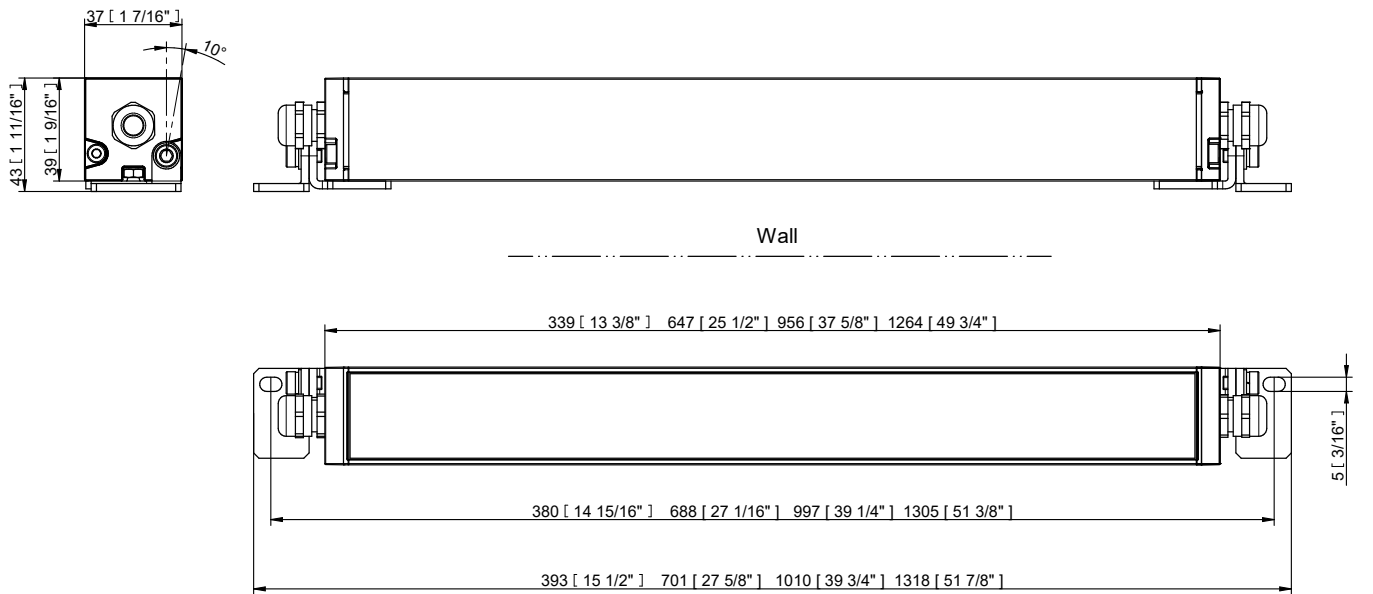


DIMENSIONS

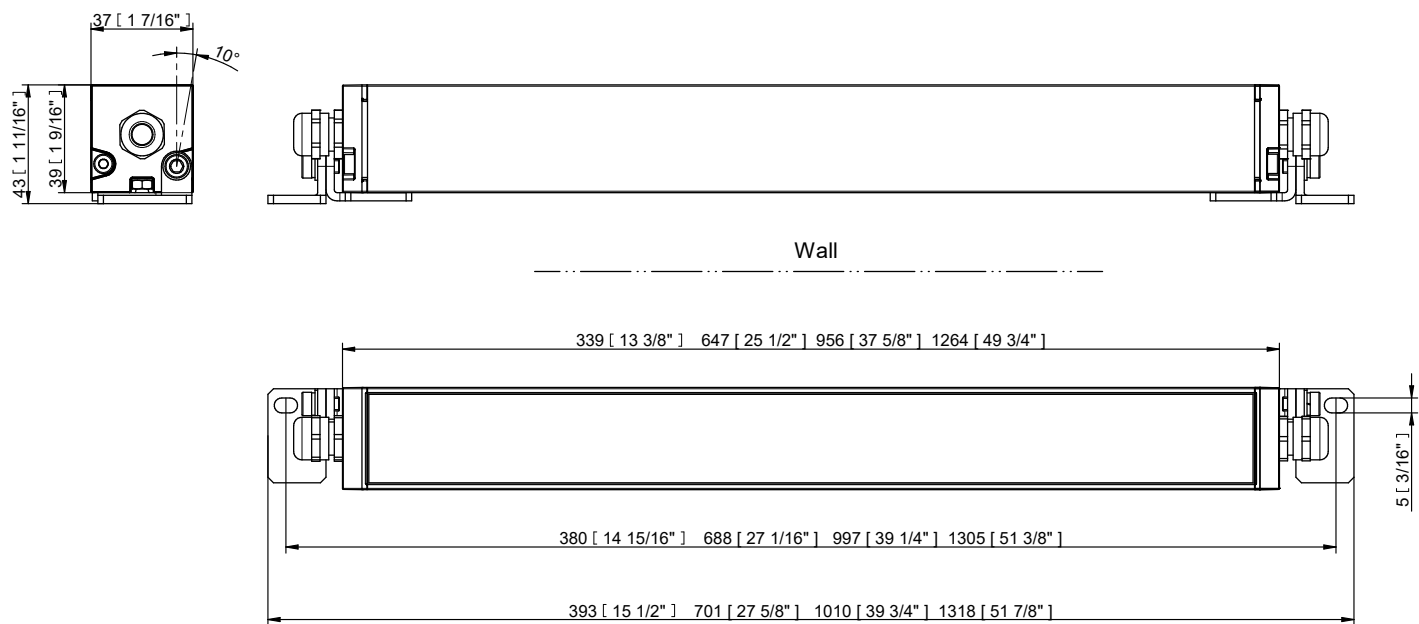
Rear IN/OUT Version



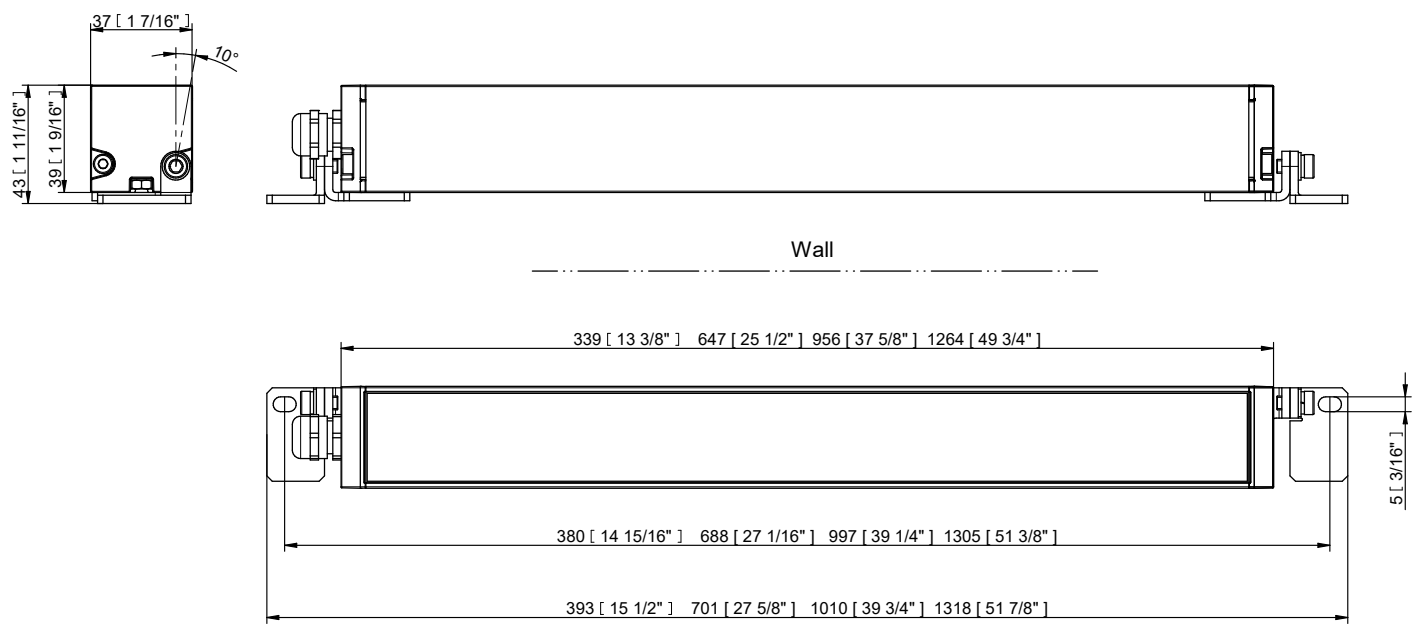
Rear IN Version



Side IN/OUT Version

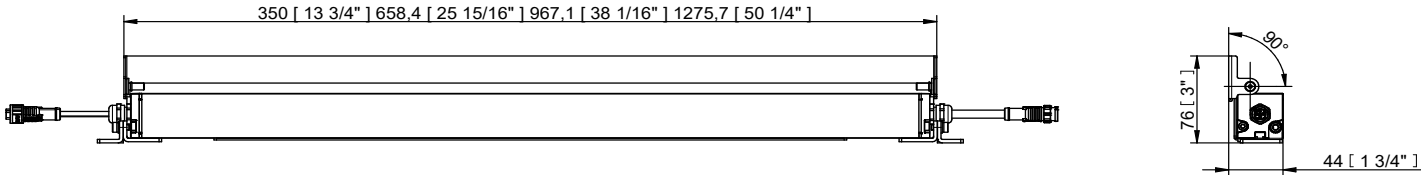


Side IN Version

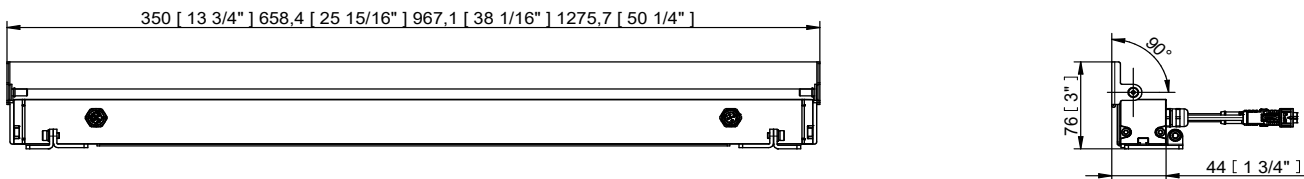


ACCESSORIES

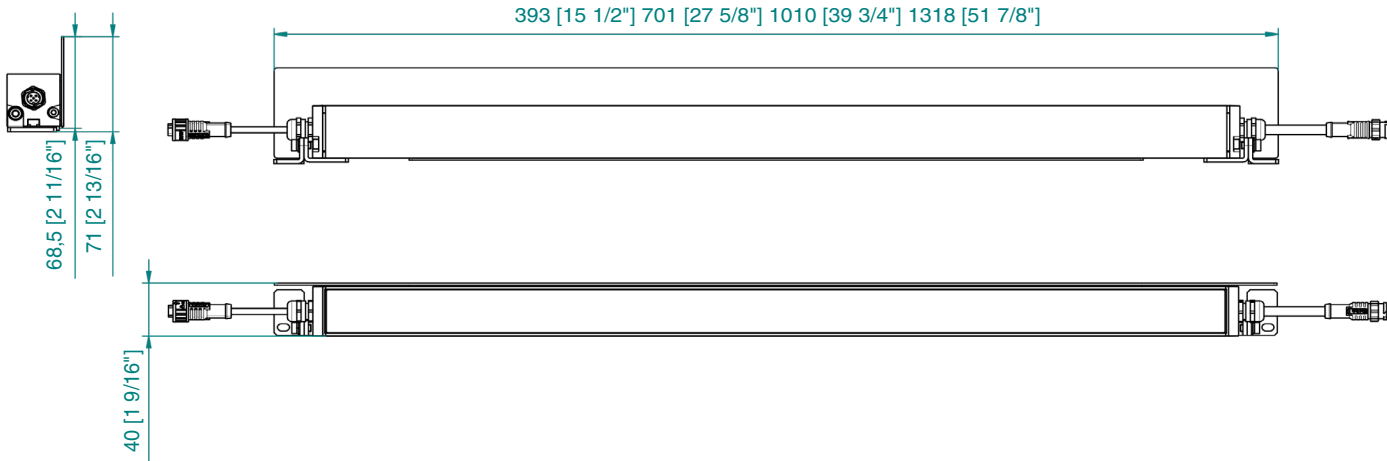
Barndoors for Lamari Side



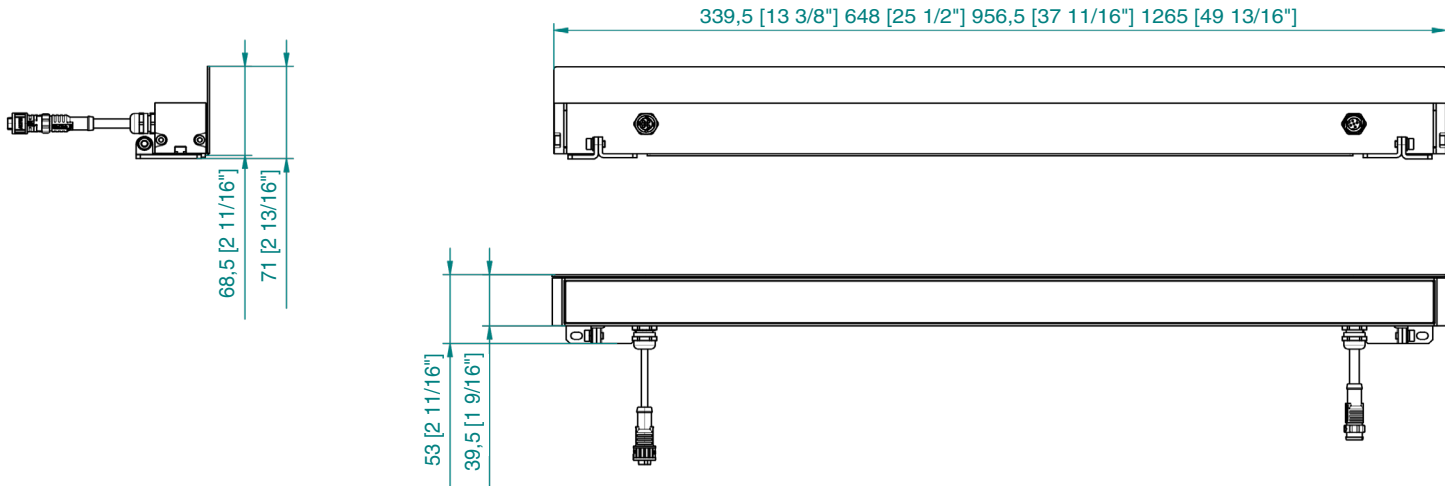
Barndoors for Lamari Rear



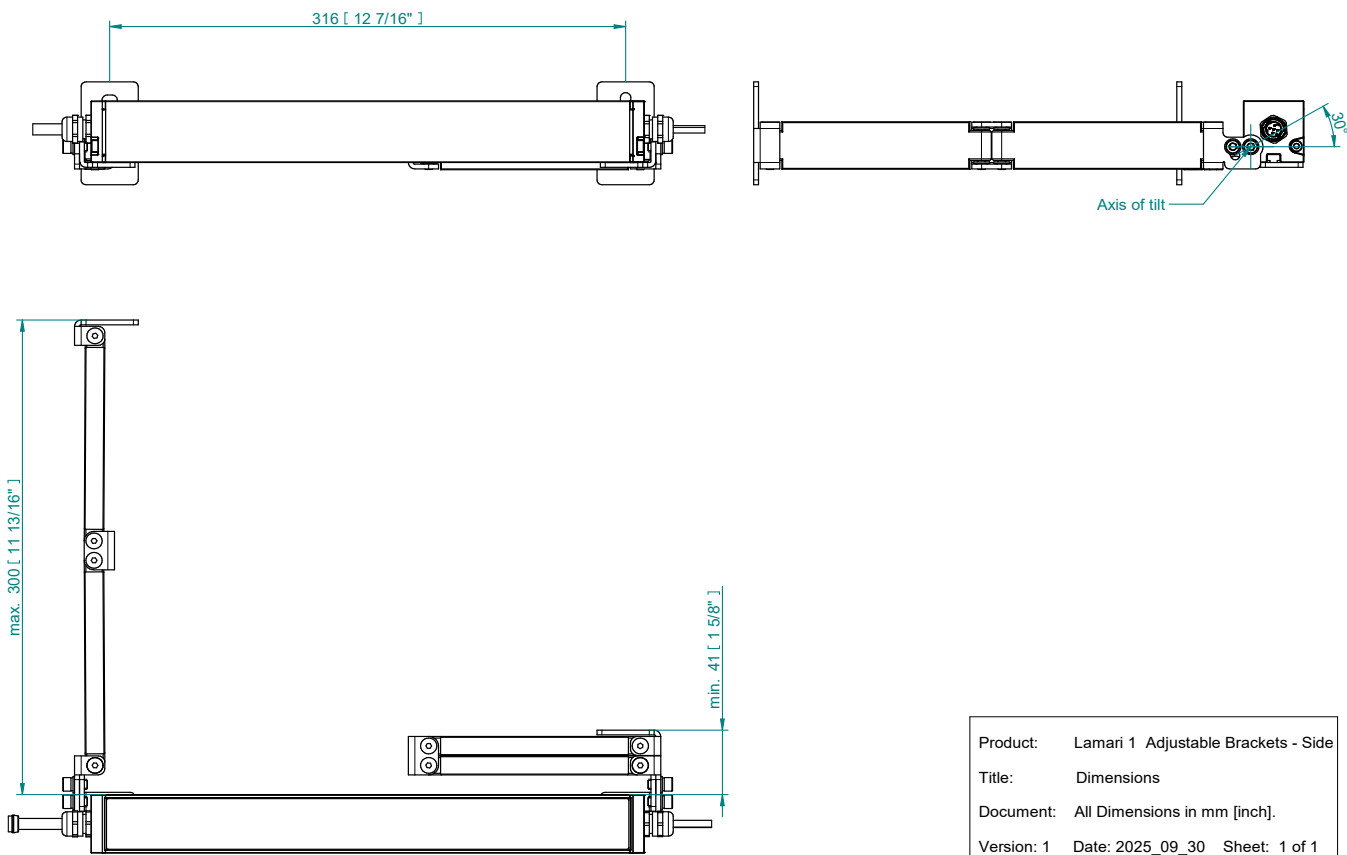
Shields for Lamari Side



Shields for Lamari Rear



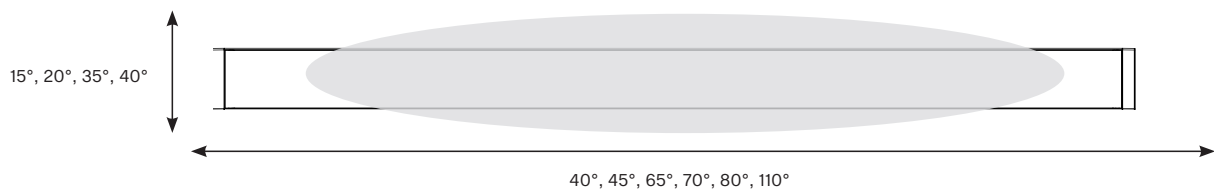
Wall Mount Scissors Brackets



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

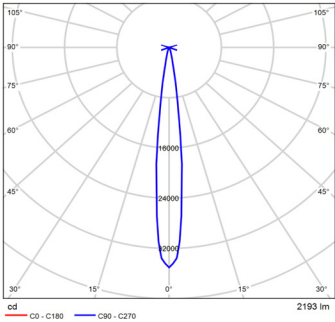
BI-SYMMETRICAL BEAM ANGLES

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



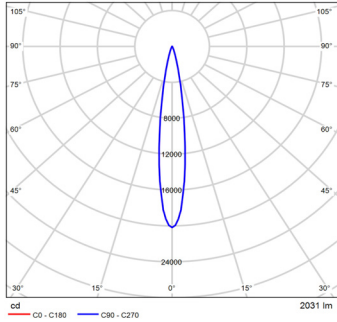
PHOTOMETRIC DATA

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



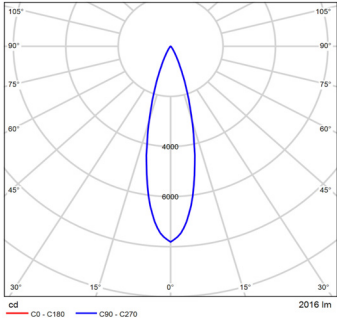
Distance [m]	Cone diameter [m]	Illuminance [lx]
0.50	0.11	E(0°) E(C0) 6.2° 140126 E(C90) 6.2° 69913
1.0	0.22	E(0°) E(C0) 6.2° 35031 E(C90) 6.2° 17478
1.5	0.33	E(0°) E(C0) 6.2° 15070 E(C90) 6.2° 7768
2.0	0.43	E(0°) E(C0) 6.2° 8788 E(C90) 6.2° 4370
2.5	0.54	E(0°) E(C0) 6.2° 5605 E(C90) 6.2° 2797
3.0	0.65	E(0°) E(C0) 6.2° 3862 E(C90) 6.2° 1942

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



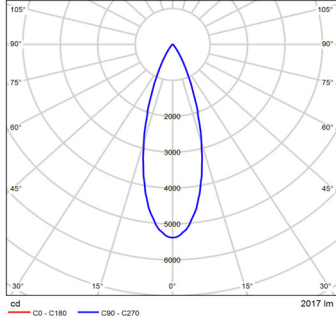
Distance [m]	Cone diameter [m]	Illuminance [lx]
0.50	0.14	E(0°) E(C0) 7.7° 80687 E(C90) 7.7° 36365
1.0	0.27	E(0°) E(C0) 7.7° 20172 E(C90) 7.7° 9841
1.5	0.41	E(0°) E(C0) 7.7° 8963 E(C90) 7.7° 4374
2.0	0.54	E(0°) E(C0) 7.7° 6043 E(C90) 7.7° 2460
2.5	0.68	E(0°) E(C0) 7.7° 3227 E(C90) 7.7° 1575
3.0	0.81	E(0°) E(C0) 7.7° 2241 E(C90) 7.7° 1093

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



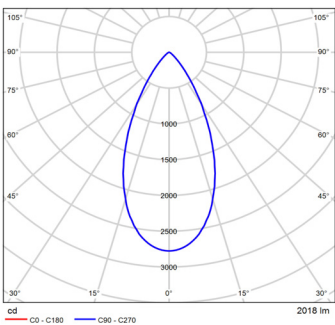
Distance [m]	Cone diameter [m]	Illuminance [lx]
0.50	0.23	E(0°) E(C0) 13.2° 31249 E(C90) 13.2° 14401
1.0	0.47	E(0°) E(C0) 13.2° 7812 E(C90) 13.2° 3613
1.5	0.70	E(0°) E(C0) 13.2° 3472 E(C90) 13.2° 1606
2.0	0.94	E(0°) E(C0) 13.2° 1953 E(C90) 13.2° 903
2.5	1.2	E(0°) E(C0) 13.2° 1250 E(C90) 13.2° 578
3.0	1.4	E(0°) E(C0) 13.2° 868 E(C90) 13.2° 401

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



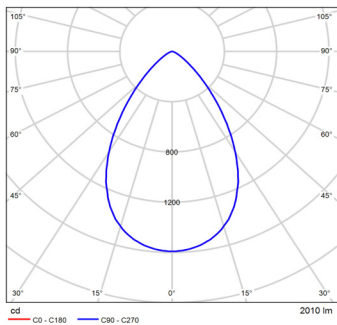
Distance [m]	Cone diameter [m]	Illuminance [lx]
0.50	0.29	E(0°) E(C0) 16.4° 21529 E(C90) 16.4° 9935
1.0	0.59	E(0°) E(C0) 16.4° 5362 E(C90) 16.4° 2384
1.5	0.88	E(0°) E(C0) 16.4° 2392 E(C90) 16.4° 1059
2.0	1.2	E(0°) E(C0) 16.4° 1346 E(C90) 16.4° 596
2.5	1.5	E(0°) E(C0) 16.4° 861 E(C90) 16.4° 381
3.0	1.8	E(0°) E(C0) 16.4° 598 E(C90) 16.4° 283

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



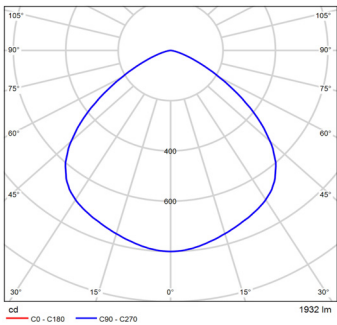
Distance [m]	Cone diameter [m]	Illuminance [lx]
0.50	0.45	E(0°) E(C0) 24.4° 11104 E(C90) 24.4° 4195
1.0	0.91	E(0°) E(C0) 24.4° 2776 E(C90) 24.4° 1049
1.5	1.4	E(0°) E(C0) 24.4° 1234 E(C90) 24.4° 466
2.0	1.8	E(0°) E(C0) 24.4° 694 E(C90) 24.4° 262
2.5	2.3	E(0°) E(C0) 24.4° 444 E(C90) 24.4° 168
3.0	2.7	E(0°) E(C0) 24.4° 308 E(C90) 24.4° 117

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



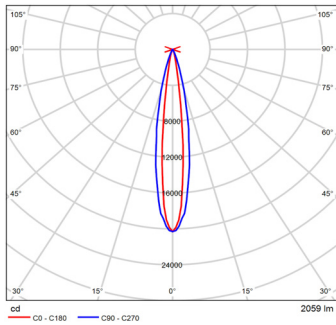
Distance [m]	Cone diameter [m]	Illuminance [lx]
0.50	0.68	E(0°) E(C0) 34.2° 6364 E(C90) 34.2° 1891
1.0	1.4	E(0°) E(C0) 34.2° 1581 E(C90) 34.2° 499
1.5	2.0	E(0°) E(C0) 34.2° 707 E(C90) 34.2° 209
2.0	2.7	E(0°) E(C0) 34.2° 398 E(C90) 34.2° 119
2.5	3.4	E(0°) E(C0) 34.2° 255 E(C90) 34.2° 75
3.0	4.1	E(0°) E(C0) 34.2° 177 E(C90) 34.2° 50

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



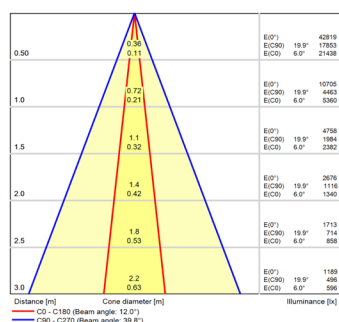
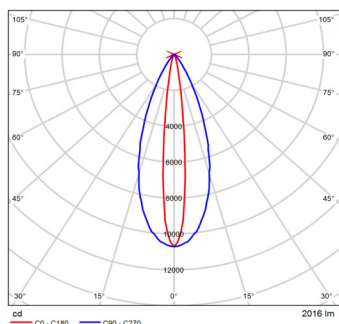
Distance [m]	Cone diameter [m]	Illuminance [lx]
0.50	1.3	E(0°) E(C0) 52.1° 3202 E(C90) 52.1° 371
1.0	2.6	E(0°) E(C0) 52.1° 800 E(C90) 52.1° 93
1.5	3.9	E(0°) E(C0) 52.1° 356 E(C90) 52.1° 41
2.0	5.1	E(0°) E(C0) 52.1° 209 E(C90) 52.1° 23
2.5	6.4	E(0°) E(C0) 52.1° 128 E(C90) 52.1° 15
3.0	7.7	E(0°) E(C0) 52.1° 89 E(C90) 52.1° 10

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

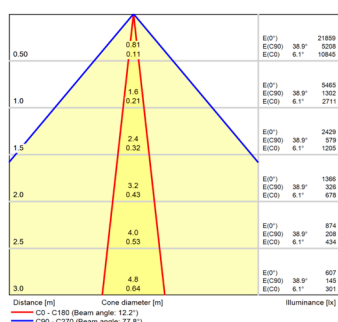
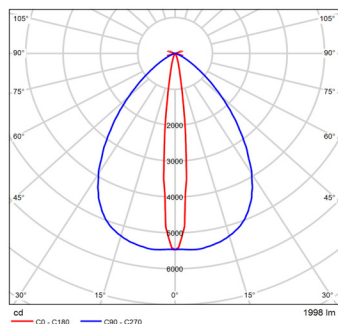


Distance [m]	Cone diameter [m]	Illuminance [lx]
0.50	0.17	E(0°) E(C0) 9.9° 81172 E(C90) 9.9° 39022 E(C45) 9.9° 40763
1.0	0.35	E(0°) E(C0) 9.9° 20293 E(C90) 9.9° 9796 E(C45) 9.9° 10191
1.5	0.52	E(0°) E(C0) 9.9° 9019 E(C90) 9.9° 4336 E(C45) 9.9° 4529
2.0	0.69	E(0°) E(C0) 9.9° 5073 E(C90) 9.9° 2429 E(C45) 9.9° 2548
2.5	0.86	E(0°) E(C0) 9.9° 3247 E(C90) 9.9° 1581 E(C45) 9.9° 1631
3.0	1.0	E(0°) E(C0) 9.9° 2285 E(C90) 9.9° 1084 E(C45) 9.9° 1132

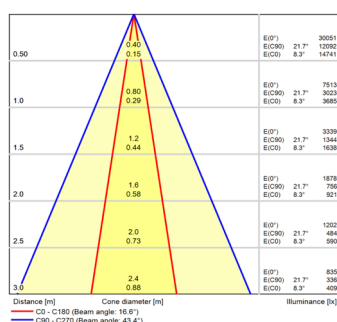
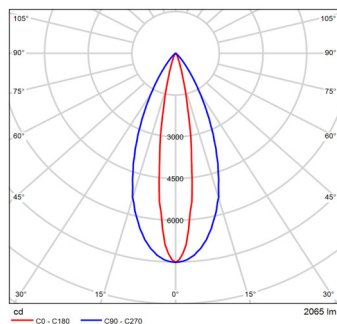
Lamari SC 4 TW (2200K–3000K)
10dg x 40dg set to 3000K



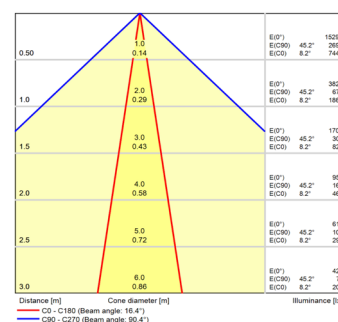
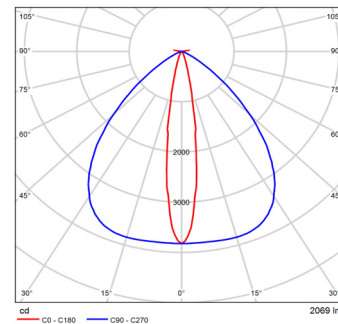
Lamari SC 4 TW (2200K–3000K)
10dg x 80dg set to 3000K



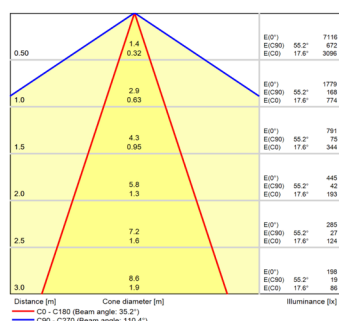
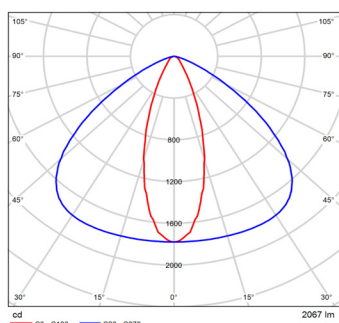
Lamari SC 4 TW (2200K–3000K)
15dg x 45dg set to 3000K



Lamari SC 4 TW (2200K–3000K)
15dg x 90dg set to 3000K



Lamari SC 4 TW (2200K–3000K)
35dg x 110dg set to 3000K



Lamari SC 4 TW (2200K–3000K)
40dg x 65dg set to 3000K

