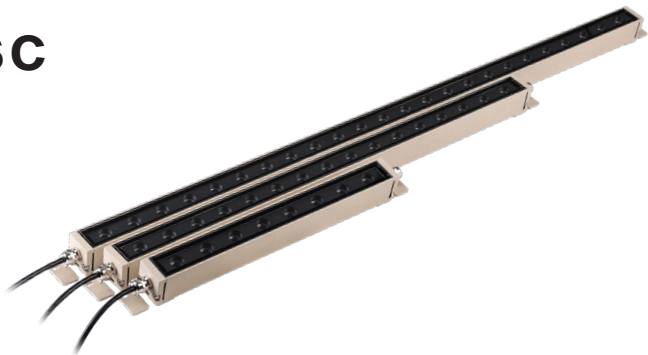


LAMARI™ 0.5 / 1 / 2 / 3 / 4 SC

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 IK10 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 IK10 and IP67 certified. For more extreme and marine applications, a harsh environment finish option is also available.

CONTROL & PROTOCOLS



STANDARD & SPECIFICATION



FINISH OPTIONS

* CLOSEST RAL TONE
* HE = Harsh Environment



Custom Paint Colour

COLOURS

STANDARD



PW
(3000 K)



TW
(2200-3000 K)

UPON REQUEST

AVAILABLE COLOURS
FOR CUSTOM SETUP



2.200 K



2.700 K



4.000 K



6.500 K

OPTIC OPTIONS

SYMMETRICAL



12°



15°



25°



35°



50°



70°



105°

BI-SYMMETRICAL



10°X20°



10°X40°



10°X80°



15°X45°



15°X90°



40°X90°



35°X110°

SPECIFICATION

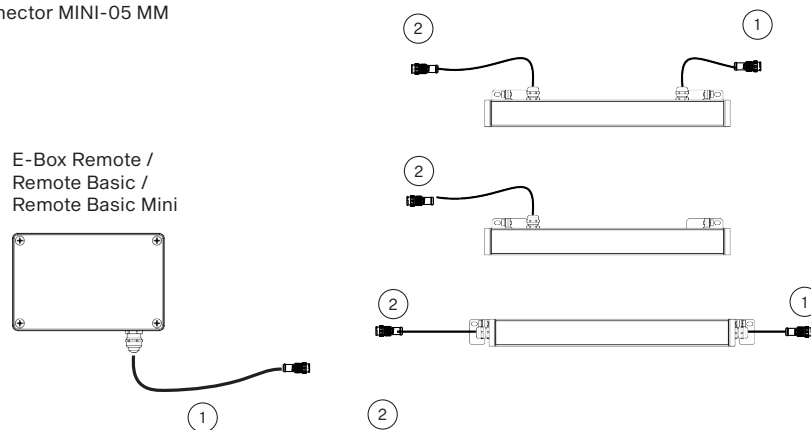
ELECTRICAL	Input Voltage	48 V			
	Typical Power Consumption	Lamari SC 1: 5 W		Lamari SC 1: 10 W	
		Lamari SC 2: 20 W		Lamari SC 3: 30 W	
		Lamari SC 4: 40 W			
OPTICAL	Light Source	Lamari SC 0.5 / 1 / 2 / 3 / 4: 4 / 8 / 16 / 24 / 32 High Power LEDs			
	Colour Variants	Pure White (W - 3000 K) Tuneable White (2200–3000 K)			
		Custom Setup On Request: 2200 K, 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 *Low Glare Accessories	Symmetrical:	12° 15° 25°	
			Bi-symmetrical:	10°x20° 10°x40° 10°x80° 15°x45° 15°x90° 35°x110°	
	Lumen Output Delivered	Lamari SC 0.5: 296 lm, (SC, PW 2700K) TBC		Lamari SC 1: 591 lm, (SC, PW 2700K) TBC	
		Lamari SC 2: 1274 lm, (SC, TW @3000K) TBC		Lamari SC 3: 1911 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 0.5			37 x 39 x 185 mm (1.46 x 1.54 x 7.28 in.)	37 x 39 x 185 mm (1.46 x 1.54 x 7.28 in.)	
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 0.5 / 1 / 2 / 3 / 4		0.5 kg (1.1 lbs) / 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 Cooling system		+10° (With Standard Mounting Bracket) Convection			
Protection Factor IK Rating		IP67 / Suitable For Wet Locations IK10			
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	CE: Waterproof Cap for MM connector MINI-05		US: Waterproof Cap for MM connector MID-05	
		CE: Waterproof Cap for FF connector MINI-05		US: Waterproof Cap for FF connector MID-05	
		Optical Demo Set for Lamari 0.5 1 2 3 4		Mounting Brackets	
	Not Included Items	Wall Mount Brackets		Wall Mount Scissors Brackets	
		Shield for Lamari:	Rear 0.5 1 2 3 4		Side 0.5 1 2 3 4
		Barndoors (with or without Side Covers) for Lamari 0.5 1 2 3 4			

CABLES AND CONNECTORS	Not Included Items	CE	US
		DMX - CONNECTOR SOLUTION	DMX - CONNECTOR SOLUTION
		Cable SJTW 5x14 AWG (I3053336), standard with bare-end, black - 1/3/5/10 m	Cable SJTW 5x14 AWG (I3053336), standard with bare-end, black - 1/3/5/10 m
		Cable SJTW 5x14 AWG (I3053697), with bare-end, white (on request) - 1/3/5/10 m	Cable SJTW 5x14 AWG (I3053697), with bare-end, white (on request) - 1/3/5/10 m
		Leader CE Cable FF, 0.1 m, MINI-05 (I3053978)	Cable UL 20969 (5x18 AWG) - (I3054125)
		Jumper Cable CE/US MID-05 FF/MM (5x14 AWG), 0.5 m, (I3054131) - 0.5/1/3/5 m	Jumper Cable CE/US MID-05 FF/MM (5x14 AWG), 0.5 m, (I3054131) - 0.5/1/3/5 m
		Jumper Cable MINI-05 FF/MM (5x20 AWG), 0.5 m, (I3053937-02) - 0.5/1/3/5/10 m	T-connector MID-05 MFF (I3054130)
		Cable 5x20 AWG, 0.5 m, with connector MM	Field Installable Connector MID-05 MM (14–22 AWG) - (I3054126)
		Adaptor MID2MINI (I3054149)	Field Installable Connector MID-05 FF (14–22 AWG) - (I3054127)
		Adaptor MINI2MID (I3054150)	
		T-connector MID-05 MFF (I3054130)	
		T-connector MINI-05 MFF (I3053941-01)	
		Field Installable Connector MID-05 MM (14–22 AWG) - (I3054126)	
		Field Installable Connector MID-05 FF (14–22 AWG) - (I3054127)	
		DMX - BARE-END	DMX - BARE-END
		Cable SJTW 5x14 AWG (I3053336), standard with bare-end, black - 1/3/5/10 m	Cable SJTW 5x14 AWG (I3053336), standard with bare-end, black - 1/3/5/10 m
		Cable SJTW 5x14 AWG (I3053697), with bare-end, white (on request) - 1/3/5/10 m	Cable SJTW 5x14 AWG (I3053697), with bare-end, white (on request) - 1/3/5/10 m
		Cable UL 20969 (5x20 AWG), 1 m, (I3053481), black	Cable UL 20969 (5x18 AWG) - (I3054125)
		Cable UL 20969 (5x20 AWG), 1 m, (I3053696), white (on request)	Junction Box Remote (1x Output) - (I0980715)
		Junction Box Remote (1x Output) - (I0980715)	Junction Box Remote (4x Output) - (I0980716)
		Junction Box Remote (4x Output) - (I0980716)	
		DALI - CONNECTOR SOLUTION	DALI - CONNECTOR SOLUTION
		Cable SJTW 5x14 AWG (I3053336), standard with bare-end, black - 1/3/5/10 m	Cable SJTW 5x14 AWG (I3053336), standard with bare-end, black - 1/3/5/10 m
		Cable SJTW 5x14 AWG (I3053697), with bare-end, white (on request) - 1/3/5/10 m	Cable SJTW 5x14 AWG (I3053697), with bare-end, white (on request) - 1/3/5/10 m
		Jumper Cable CE/US MID-05 FF/MM (5x14 AWG), 0.5 m, (I3054131) - 0.5/1/3/5 m	Cable UL 20969 (5x18 AWG) - (I3054125)
		T-connector MID-05 MFF (I3054130)	Jumper Cable CE/US MID-05 FF/MM (5x14 AWG), 0.5 m, (I3054131) - 0.5/1/3/5 m
		Field Installable Connector MID-05 MM (14–22 AWG) - (I3054126)	T-connector MID-05 MFF (I3054130)
		Junction Box Remote (1x Output) - (I0980715)	Junction Box Remote (1x Output) - (I0980715)
		Junction Box Remote (4x Output) - (I0980716)	Junction Box Remote (4x Output) - (I0980716)
		DALI - BARE-END	DALI - BARE-END
		Cable SJTW 5x14 AWG (I3053336), standard with bare-end, black - 1/3/5/10 m	Cable SJTW 5x14 AWG (I3053336), standard with bare-end, black - 1/3/5/10 m
		Cable SJTW 5x14 AWG (I3053697), with bare-end, white (on request) - 1/3/5/10 m	Cable SJTW 5x14 AWG (I3053697), with bare-end, white (on request) - 1/3/5/10 m
		Cable UL 20969 (5x18 AWG) - (I3054125)	Cable UL 20969 (5x18 AWG) - (I3054125)
		Junction Box Remote (1x Output) - (I0980715)	Junction Box Remote (1x Output) - (I0980715)
		Junction Box Remote (4x Output) - (I0980716)	Junction Box Remote (4x Output) - (I0980716)

CONTROL AND CONNECTION OPTIONS

STANDARD

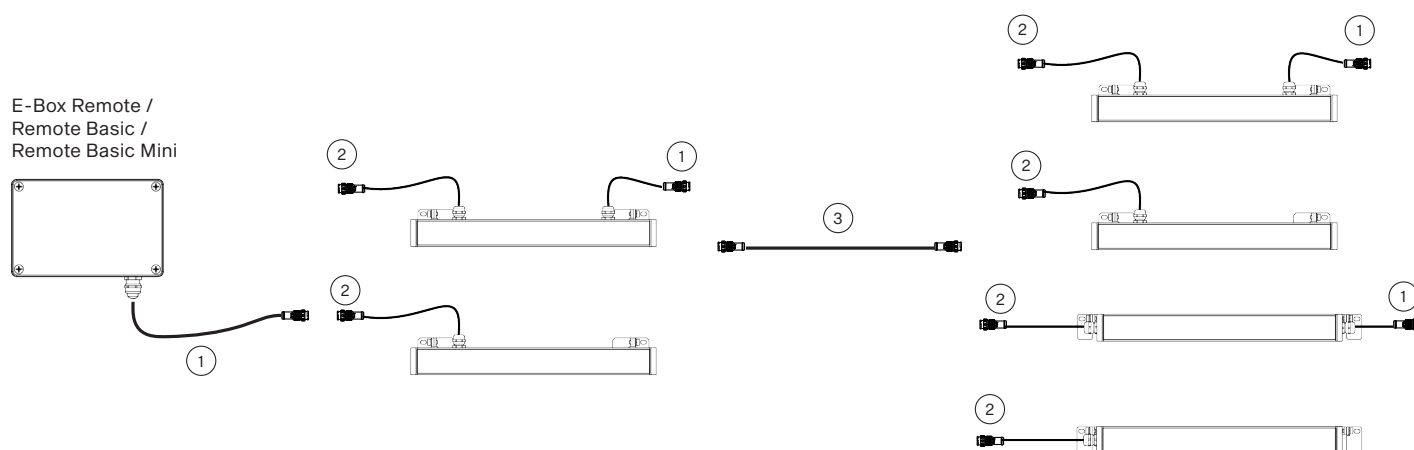
- 1) Leader CE Cable FF, 0.1 m, MINI-05 (13053978)
- 2) Cable 5x20 AWG, 0.5 m, with connector MINI-05 MM



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 MINI-05 (13053978)
- 2) Cable 5x20 AWG, 0.5 m, with connector MINI-05 MM
- 3) Jumper Cable MINI-05 FF/MM (20 AWG), 0.5 m (13053937-02)



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

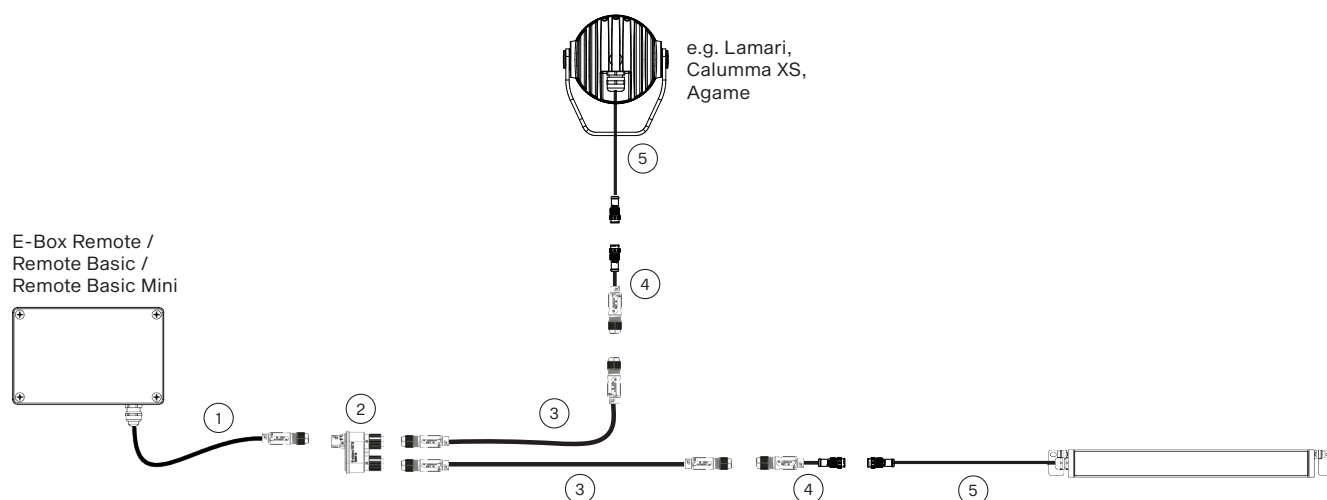
CE: CONTROL AND CONNECTION OPTIONS

CE: DMX - CONNECTOR SOLUTION

A E-BOX REMOTE / REMOTE BASIC / REMOTE BASIC MINI

- 1) SJTW 5x14 AWG (13053336), standard with bare-end, black, with Field Installable Connector MID-05 FF (14–22 AWG) - (13054127)
- 2) T-connector MID-05 MFF (13054130)
- 3) Jumper Cable CE/US MID-05 FF/MM (5x14 AWG), 0.5 m (13054131)
- 4) Adaptor MID2MINI (13054149)
- 5) Cable 5x20 AWG, 0.5 m, with connector MINI-05 MM (Lamari component)

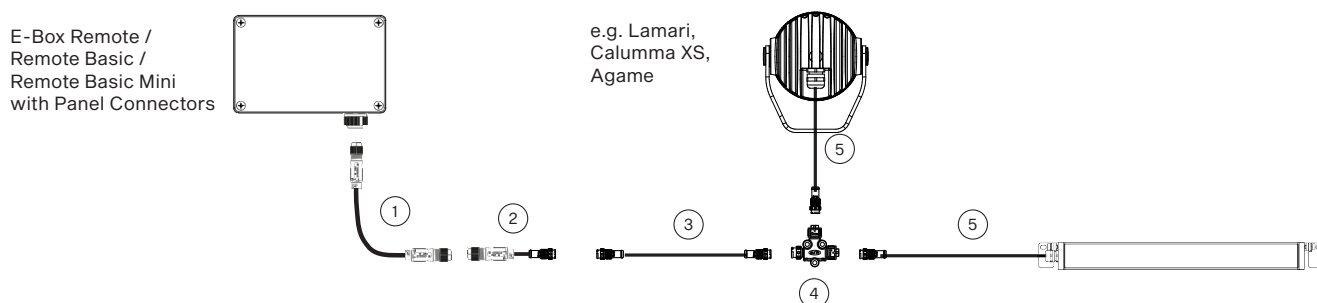
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



B E-BOX REMOTE / REMOTE BASIC / REMOTE BASIC MINI WITH PANEL CONNECTORS

- 1) Jumper Cable CE/US MID-05 FF/MM (5x14 AWG), 0.5 m (13054131)
- 2) Adaptor MID2MINI (13054149)
- 3) Jumper Cable MINI-05 FF/MM (20 AWG), 0.5 m (13053937-02)
- 4) T-connector MINI-05 MFF (13053941-01)
- 5) Cable 5x20 AWG, 0.5 m, with connector MINI-05 MM (Lamari component)

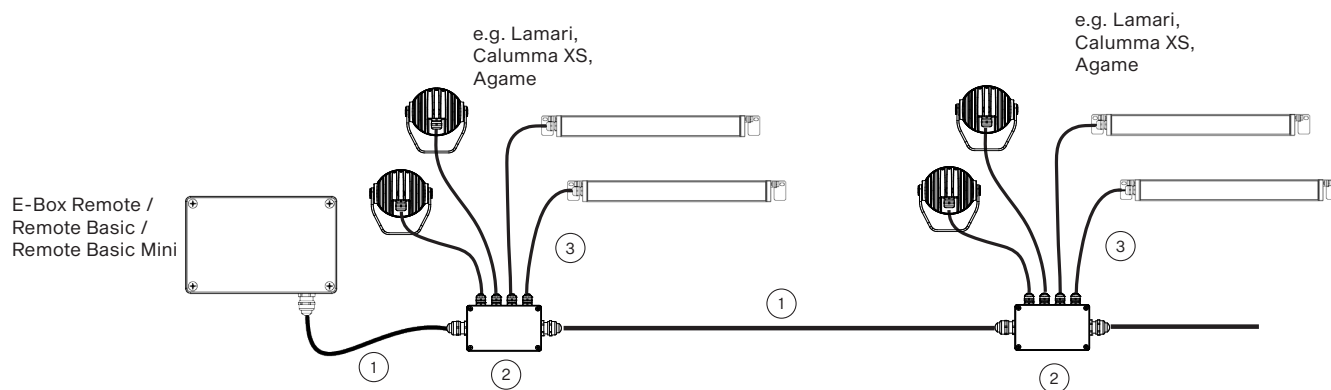
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



CE: DMX - BARE-END

- 1) SJTW 5x14 AWG (13053336), standard with bare-end, black
- 2) Junction Box Remote (4x Output) - (10980716)
- 3) Cable UL 20969 (5x20 AWG), 1 m, (13053481), black

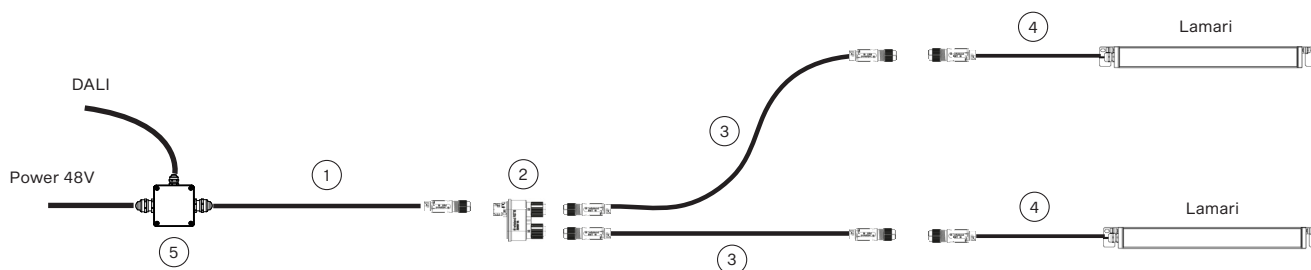
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



CE: DALI - CONNECTOR SOLUTION

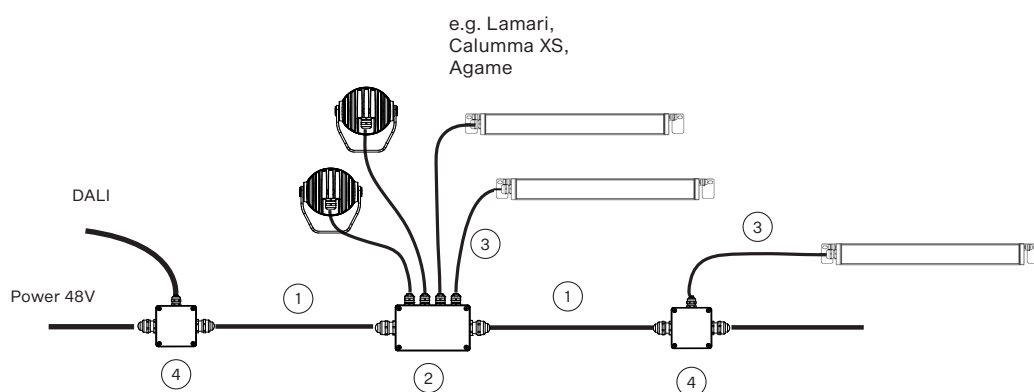
- 1) SJTW 5x14 AWG (13053336), standard with bare-end, black, with Field Installable Connector MID-05 FF (14-22 AWG) - (13054126)
- 2) T-connector MID-05 MFF (13054130)
- 3) Jumper Cable CE/US MID-05 FF/MM (5x14 AWG), 0.5 m (13054131)
- 4) Cable UL 20969 (5x18 AWG) - (13054125)
- 5) Junction Box Remote 1x Output - (10980715)

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



- 1) SJTW 5x14 AWG (13053336), standard with bare-end, black
- 2) Junction Box Remote (4x Output) - (10980716)
- 3) Cable UL 20969 (5x18 AWG) - (13054125)
- 4) Junction Box Remote (1x Output) - (10980715)

e.g. Lamari,
Calumma XS,
Agame

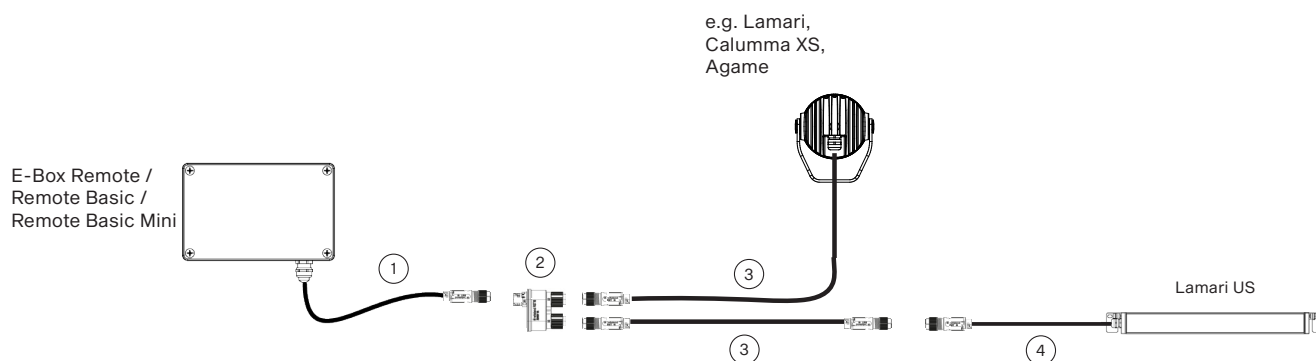


US: CONTROL AND CONNECTION OPTIONS

US: DMX - CONNECTOR SOLUTION

- 1) SJTW 5x14 AWG (13053336), standard with bare-end, black, with Field Installable Connector MID-05 FF (14-22 AWG) - (13054127)
- 2) T-connector MID-05 MFF (13054130)
- 3) Jumper Cable CE/US MID-05 FF/MM (5x14 AWG), 0.5 m (13054131)
- 4) Cable UL 20969 (5x18 AWG) - (13054125)

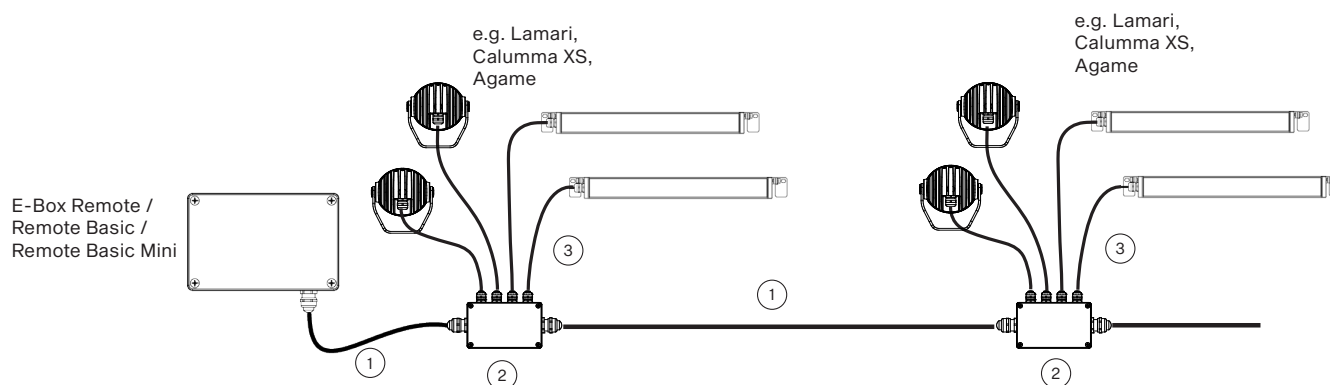
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



US: DMX - BARE-END

- 1) SJTW 5x14 AWG (13053336), standard with bare-end, black
- 2) Junction Box Remote (4x Output) - (10980716)
- 3) Cable UL 20969 (5x18 AWG) - (13054125)

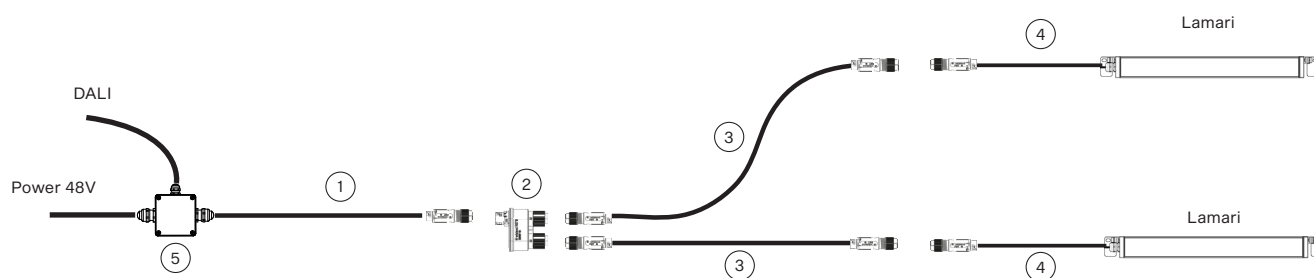
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



US: DALI - CONNECTOR SOLUTION

- 1) SJTW 5x14 AWG (13053336), standard with bare-end, black, with Field Installable Connector MID-05 MM (14–22 AWG) - (13054126)
- 2) T-connector MID-05 MFF (13054130)
- 3) Jumper Cable CE/US MID-05 FF/MM (5x14 AWG), 0.5 m (13054131)
- 4) Cable UL 20969 (5x18 AWG) - (13054125)
- 5) Junction Box Remote 1x Output - (10980715)

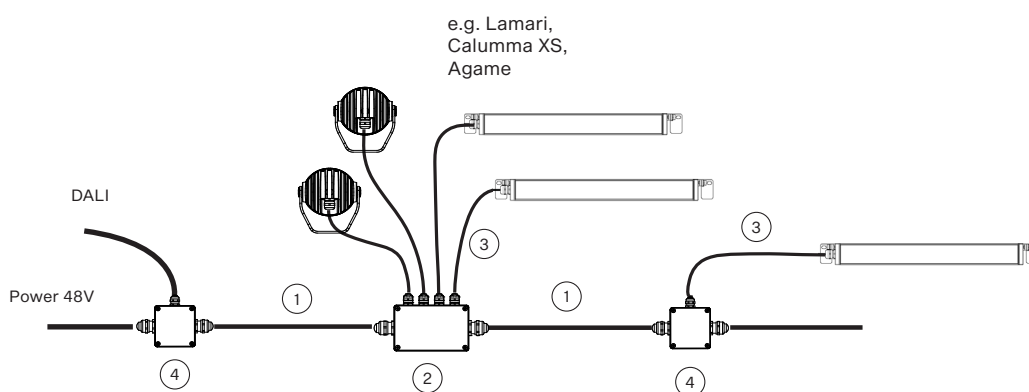
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



US: DALI - BARE-END

- 1) SJTW 5x14 AWG (13053336), standard with bare-end, black
- 2) Junction Box Remote (4x Output) - (10980716)
- 3) Cable UL 20969 (5x18 AWG) - (13054125)
- 4) Junction Box Remote 1x Output - (10980715)

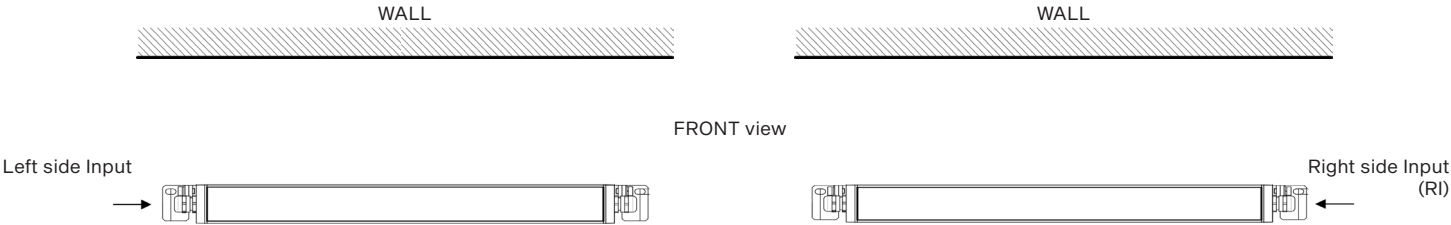
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



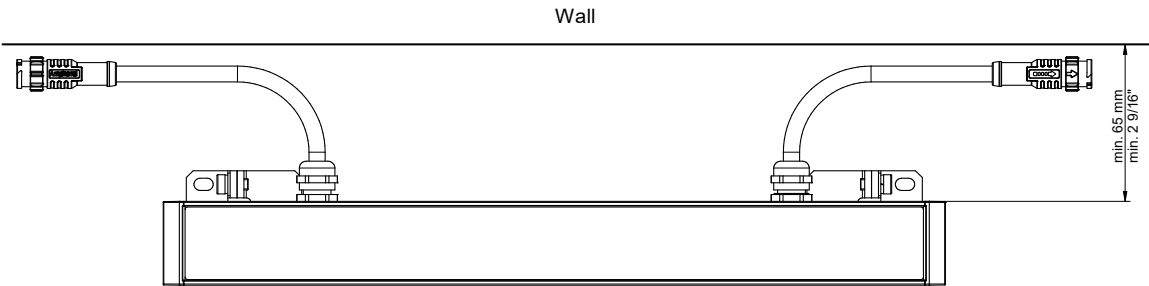
LAMARI INPUT OPTIONS

STANDARD

UPON REQUEST



DISTANCE FROM THE WALL



LAMARI CABLE ENTRY OPTIONS

Rear IN/OUT Version



Rear IN Version



Side IN/OUT Version

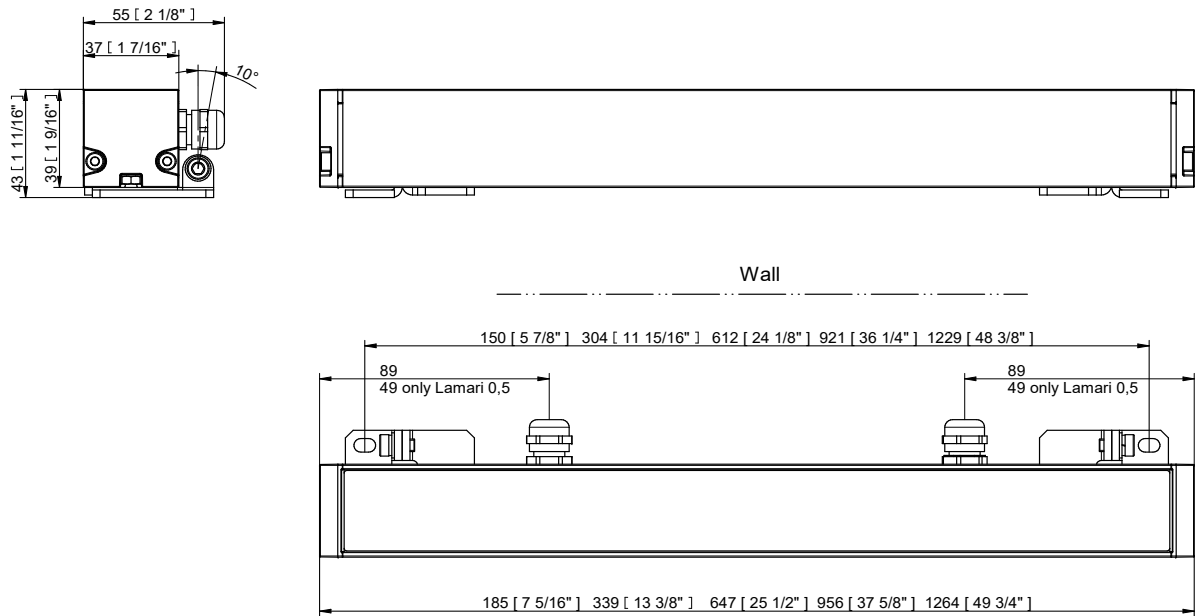


Side IN Version

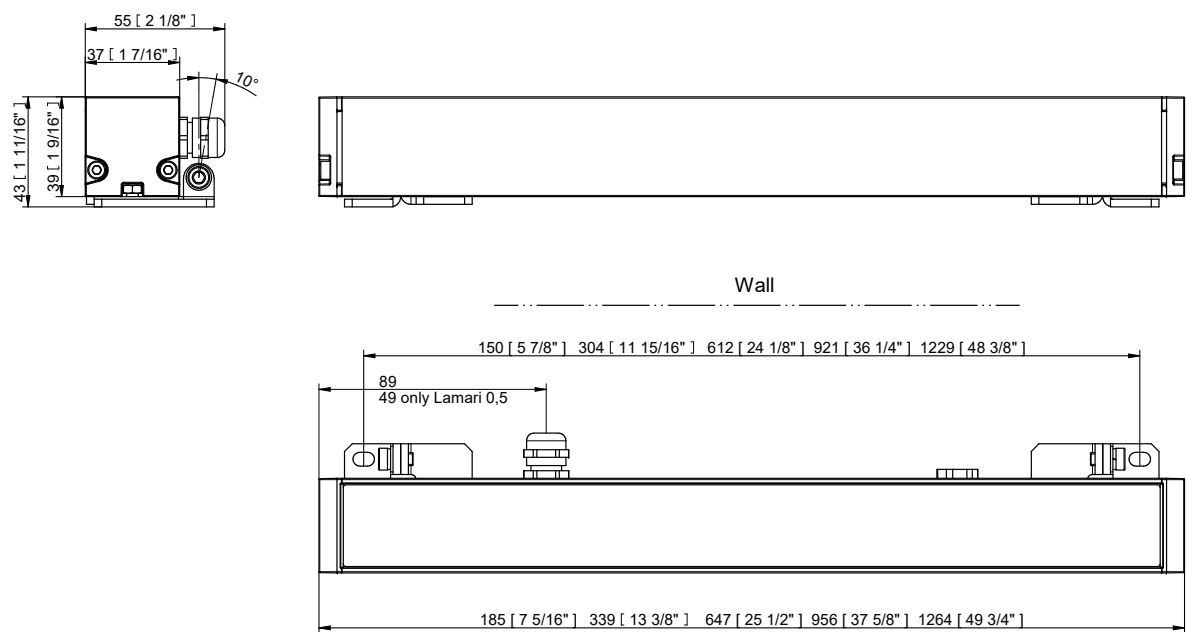


DIMENSIONS

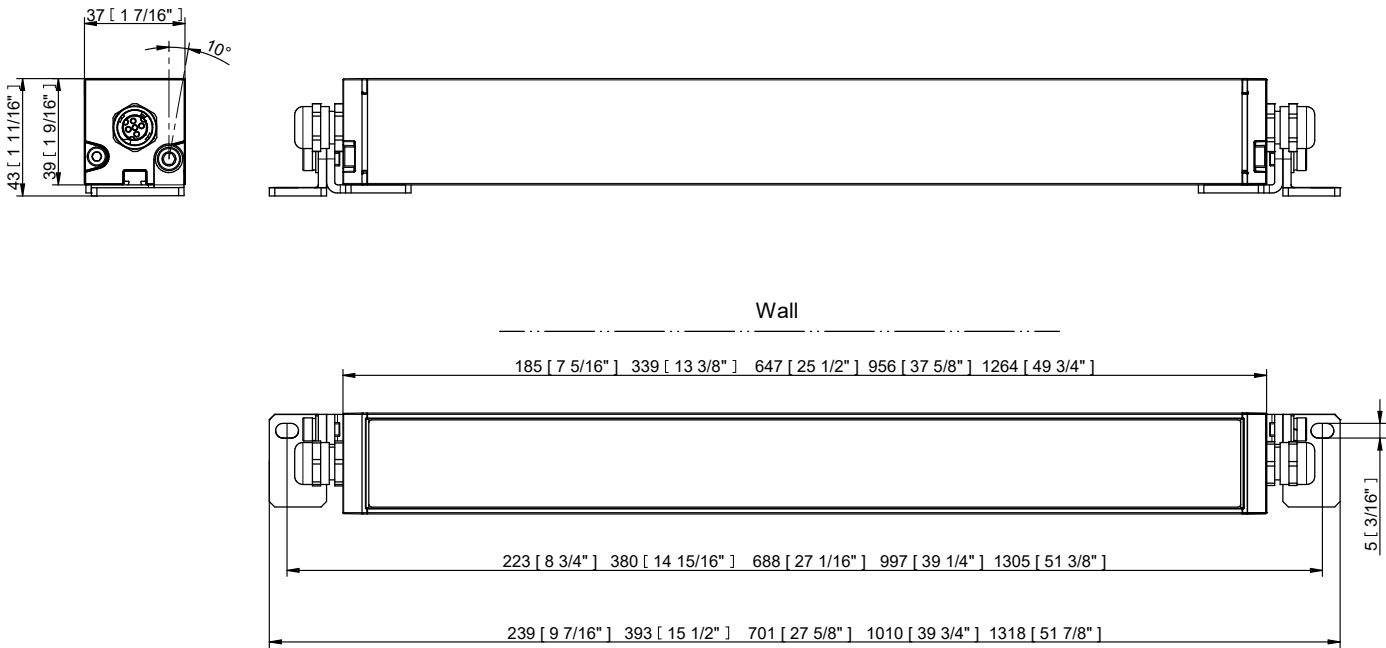
Rear IN/OUT Version



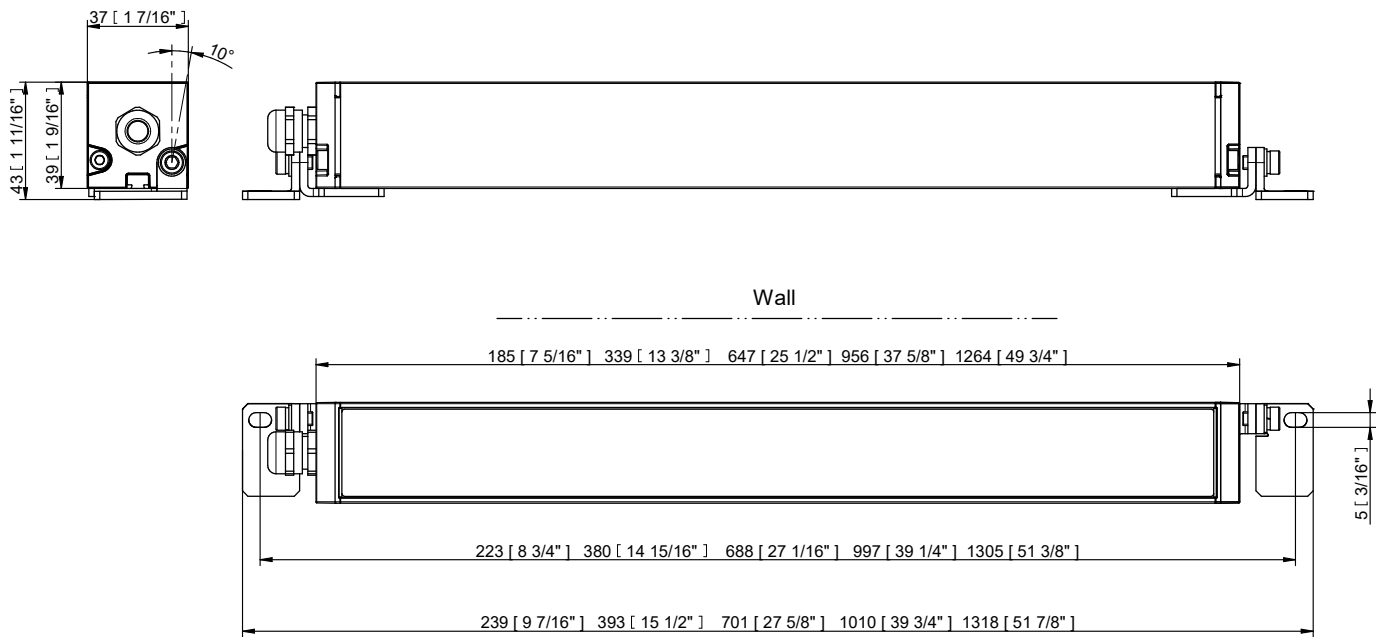
Rear IN Version



Side IN/OUT Version

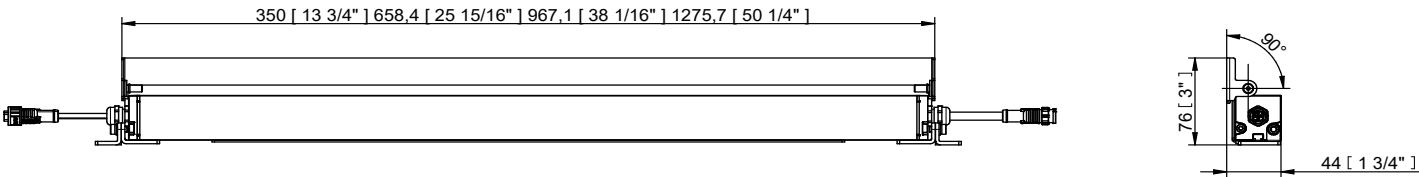


Side IN Version

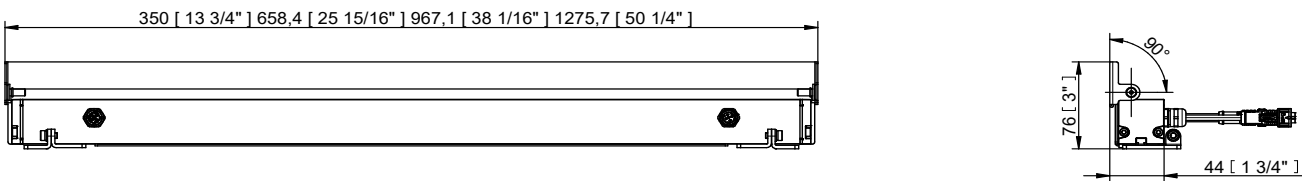


ACCESSORIES

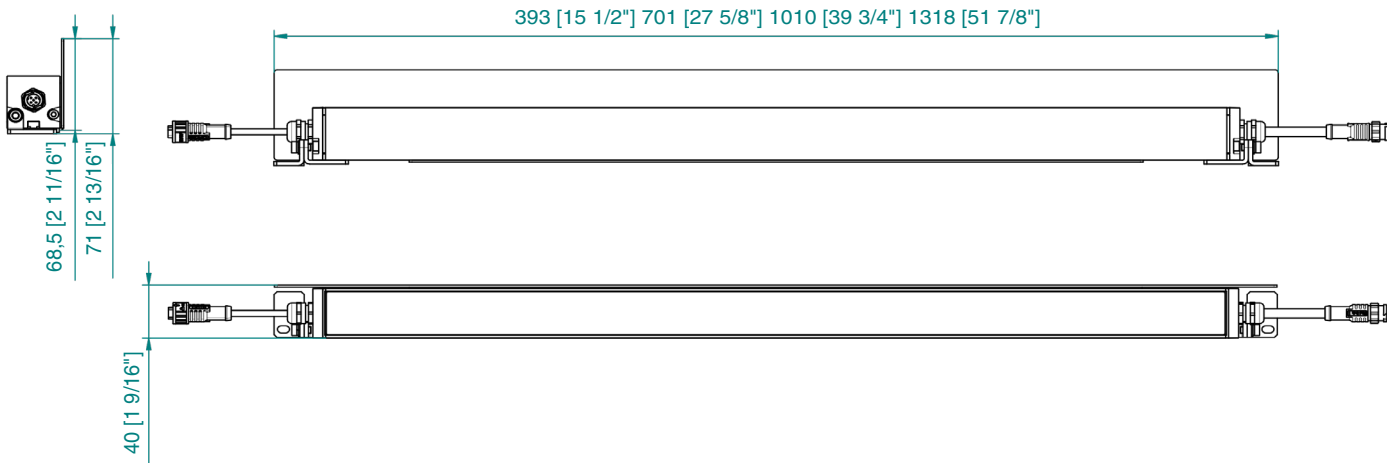
Barndoors for Lamari Side



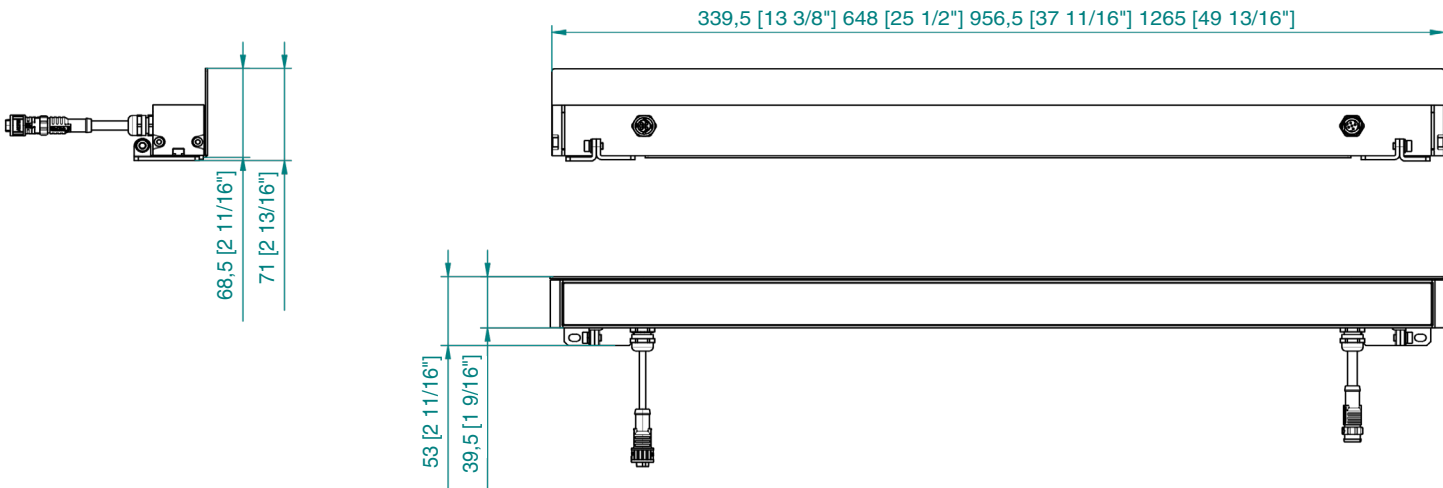
Barndoors for Lamari Rear



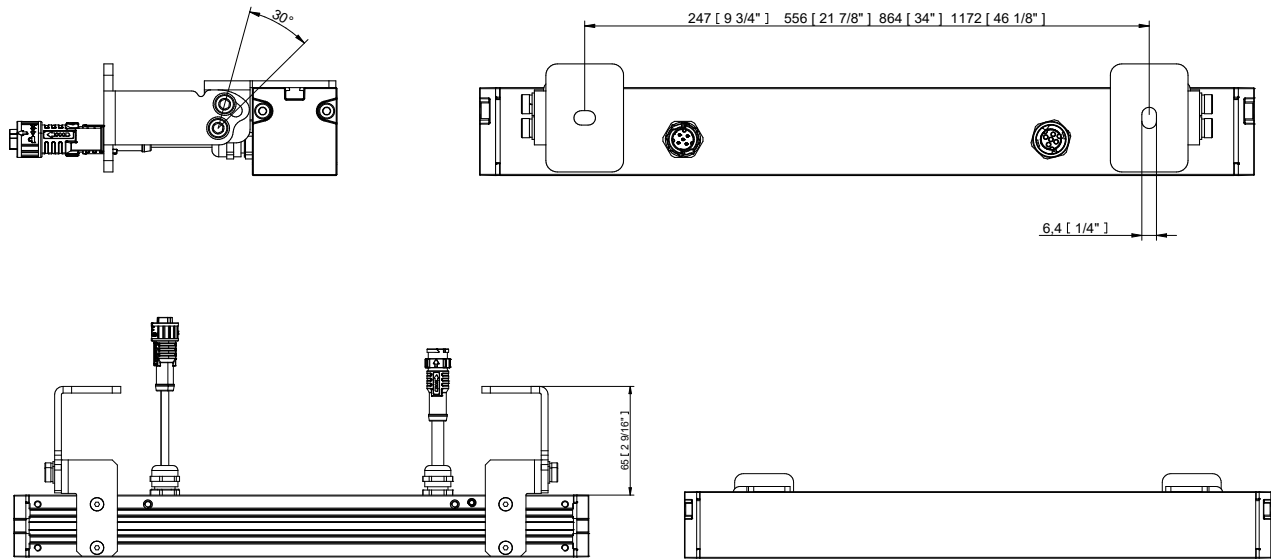
Shields for Lamari Side



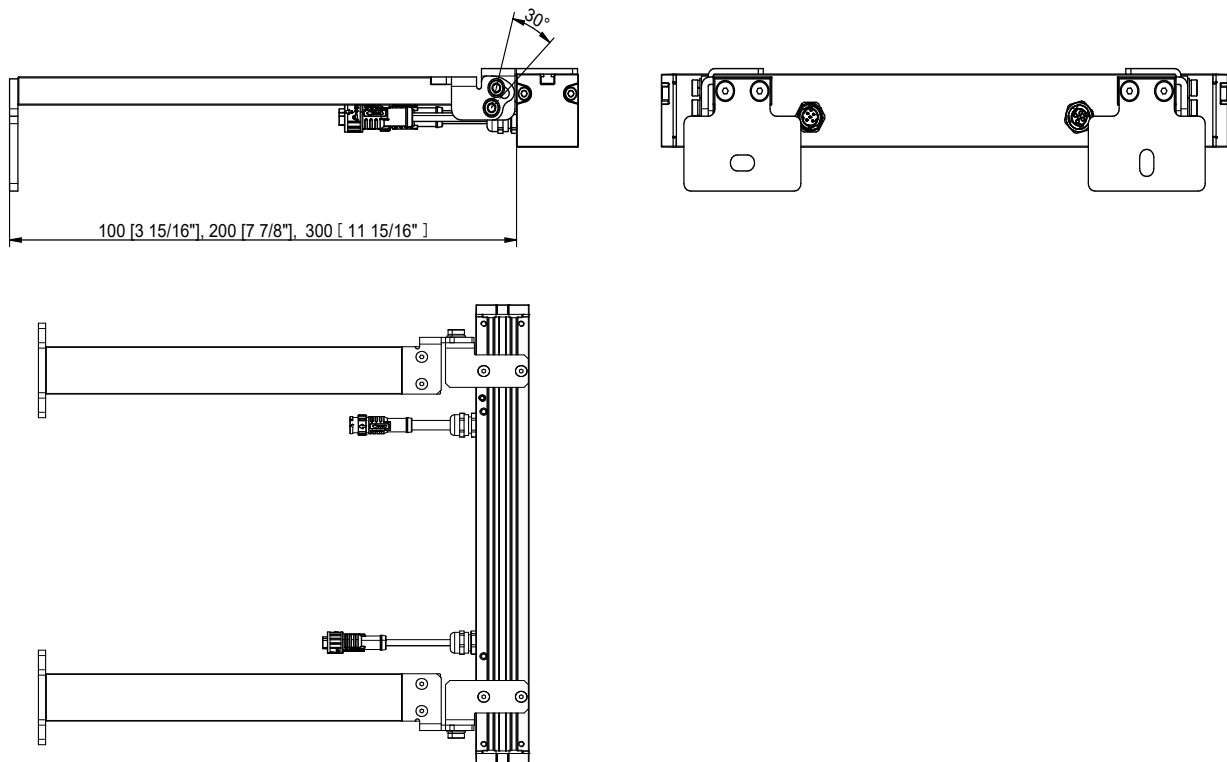
Shields for Lamari Rear



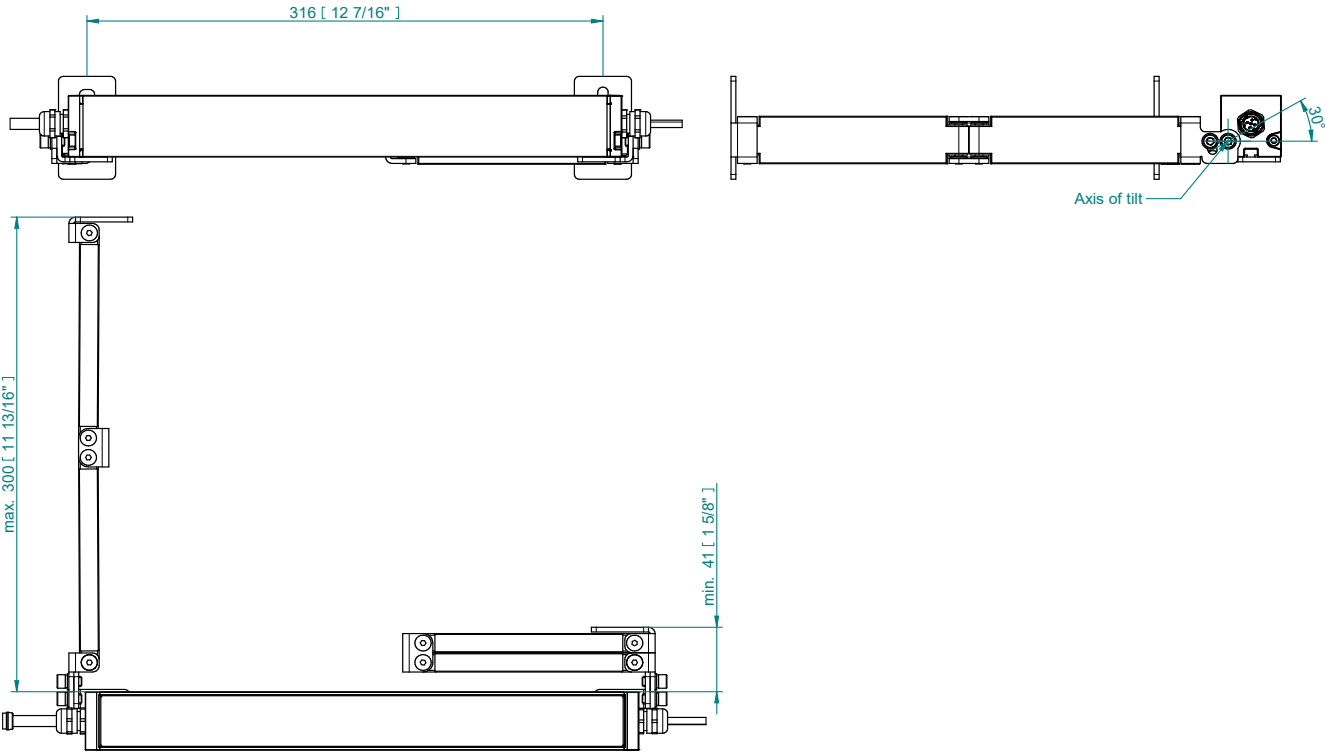
Wall Mount Brackets for Lamari SC



Mounting Brackets for Lamari SC

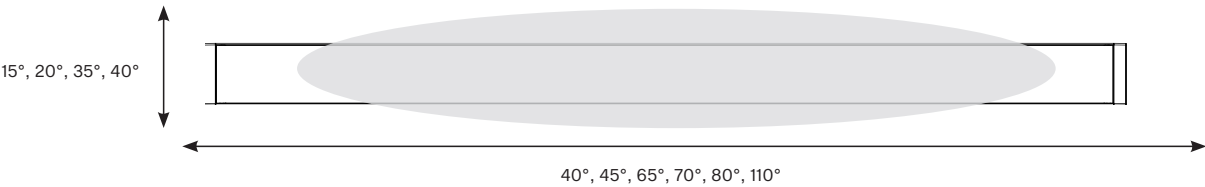


Wall Mount Scissors Brackets



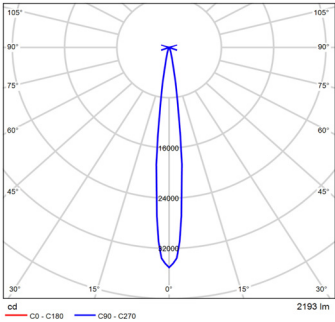
BI-SYMMETRICAL BEAM ANGLES

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



PHOTOMETRIC DATA

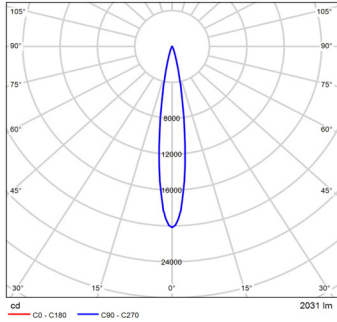
Lamari SC 4 TW (2200K–3000K)
12dg set to 3000K



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 7768
2.0	0.43	E(0°) E(C0)	6.2°	8788 4370
2.5	0.54	E(0°) E(C0)	6.2°	5605 2797
3.0	0.65	E(0°) E(C0)	6.2°	3862 1942

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Beam angle: 12.4°)

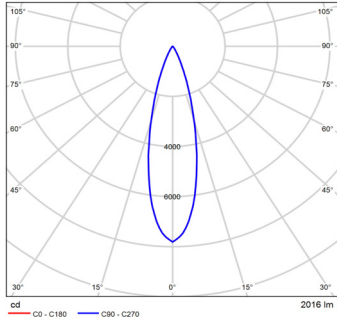
Lamari SC 4 TW (2200K–3000K)
15dg set to 3000K



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°	8963 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°)

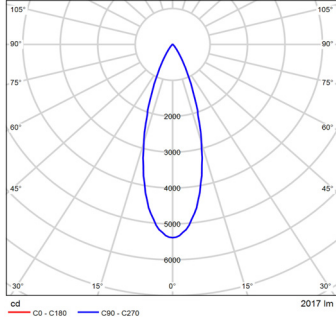
Lamari SC 4 TW (2200K–3000K)
25dg set to 3000K



0.50	0.23	E(0°) E(C0)	13.2°	31249 14401
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°)

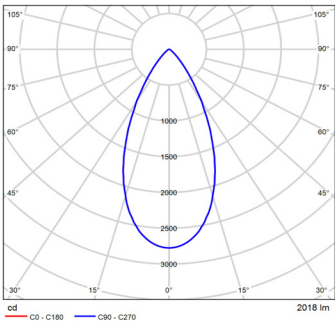
Lamari SC 4 TW (2200K–3000K)
35dg set to 3000K



0.50	0.29	E(0°) E(C0)	16.4°	21529 9535
1.0	0.59	E(0°) E(C0)	16.4°	5362 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°	961 381
3.0	1.8	E(0°) E(C0)	16.4°	598 263

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Beam angle: 32.8°)

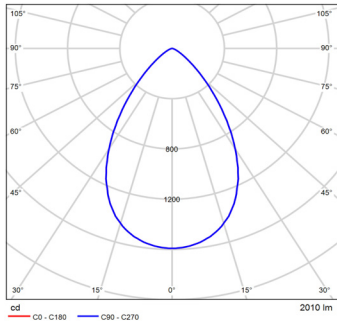
Lamari SC 4 TW (2200K–3000K)
50dg set to 3000K



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°	303 117

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Beam angle: 48.8°)

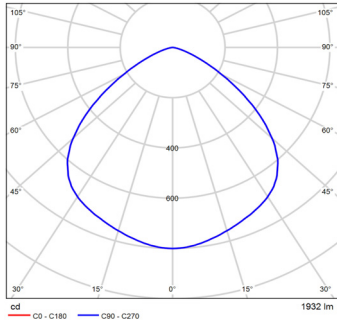
Lamari SC 4 TW (2200K–3000K)
70dg set to 3000K



0.50	0.68	E(0°) E(C0)	34.2°	6364 1891
1.0	1.4	E(0°) E(C0)	34.2°	1581 499
1.5	2.0	E(0°) E(C0)	34.2°	707 206
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°)

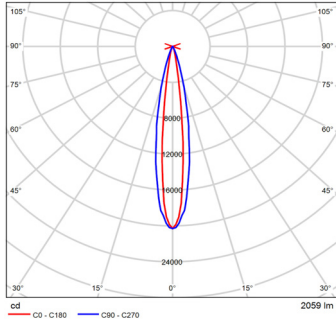
Lamari SC 4 TW (2200K–3000K)
105dg set to 3000K



0.50	1.3	E(0°) E(C0)	52.1°	3202 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°	209 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°)

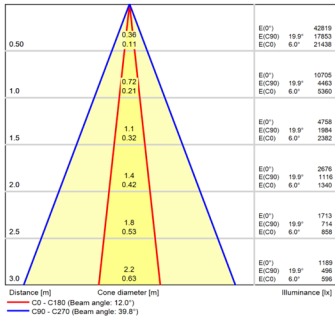
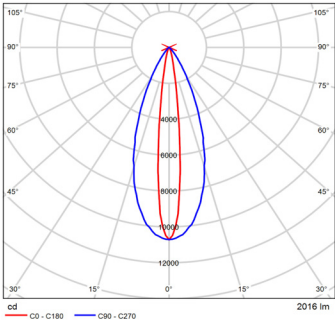
Lamari SC 4 TW (2200K–3000K)
10dg x 20dg set to 3000K



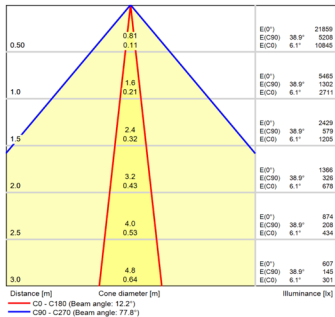
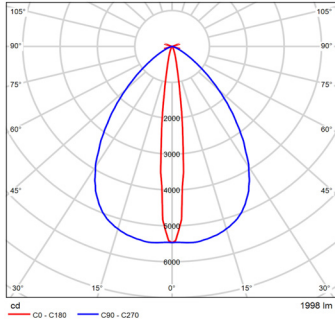
0.50	0.17	E(0°) E(C0)	9.9°	81172 39022
1.0	0.35	E(0°) E(C0)	9.9°	20293 9796
1.5	0.52	E(0°) E(C0)	9.9°	9019 4336
2.0	0.69	E(0°) E(C0)	9.9°	5073 2429
2.5	0.86	E(0°) E(C0)	9.9°	3247 1581
3.0	1.0	E(0°) E(C0)	9.9°	2285 1084

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Beam angle: 12.2°)
C90 - C270 (Beam angle: 19.8°)

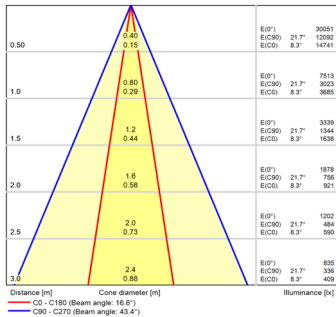
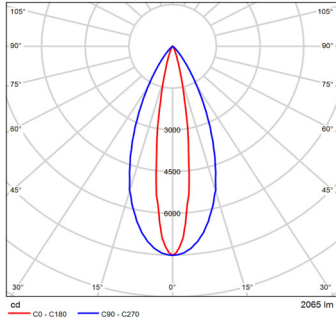
Lamari SC 4 TW (2200K–3000K)
10dg x 40dg set to 3000K



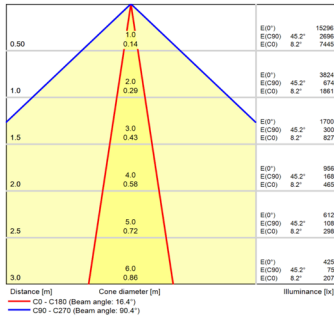
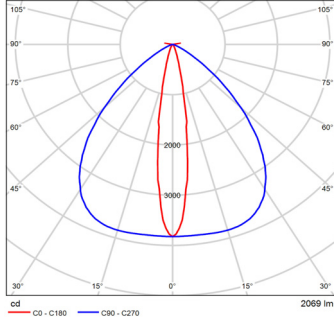
Lamari SC 4 TW (2200K–3000K)
10dg x 80dg set to 3000K



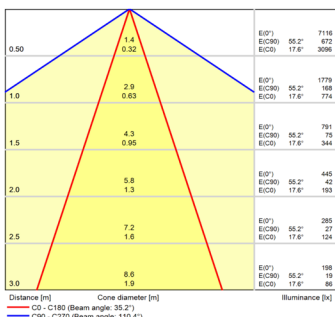
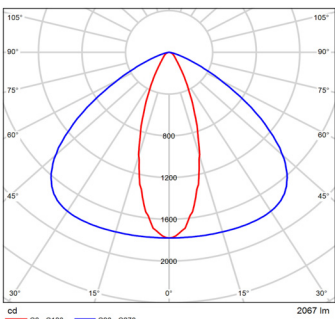
Lamari SC 4 TW (2200K–3000K)
15dg x 45dg set to 3000K



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

