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 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

VIA E-BOX — REMOTE

DALI — REMOTE

STANDARD & SPECIFICATION

IK10 | IP67 | CE | ETL

ROHS | UKCA | 5 YEAR — Warranty with Registration | Vibration Standard for Bridge

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

COLOURS

STANDARD

PW (3000 K)

TW (2200-3000 K)

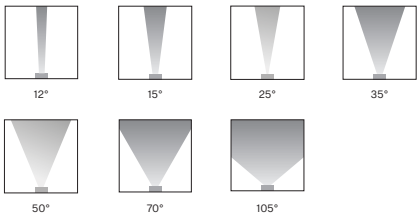
UPON REQUEST

AVAILABLE COLOURS FOR CUSTOM SETUP

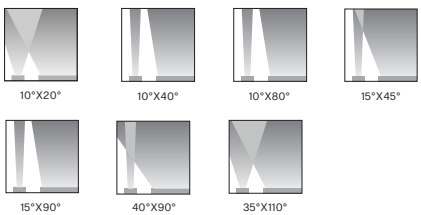
2.200 K | 2.700 K | 4.000 K | 6.500 K

OPTIC OPTIONS

SYMMETRICAL



BI-SYMMETRICAL



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	
	Not Included Items	Wall Mount Scissors Brackets for Lamari Rear		Wall Mount Scissors Brackets for Lamari Side	
		Shield for Lamari Rear 0.5 | 1 | 2 | 3 | 4		Shield for Lamari Side 0.5 | 1 | 2 | 3 | 4	
		Wall Mount Brackets for Lamari Rear			
		Barndoors for Lamari Rear/Side 0.5 | 1 | 2 | 3 |4 (with or without Side Covers)			
		Optical Demo Set for Lamari Rear/Side 0.5 | 1 | 2 | 3 | 4			

	CE	US
CABLES AND CONNECTORS	**DMX/RDM SETUP WITH CONNECTORS**	**DMX/RDM SETUP WITH CONNECTORS**
	Cable SJTW (5x14 AWG), standard with bare-end, black, (13053336)	Cable SJTW (5x14 AWG), standard with bare-end, black, (13053336)
	Cable SJTW (5x14 AWG), with bare-end, white (on request) - (13053697)	Cable SJTW (5x14 AWG), with bare-end, white (on request) - (13053697)
	Cable CE (5x20 AWG), 0.1 m, with connector MINI-05 FF (13053978)	Cable UL 20969 (5x18 AWG) - (13054125)
	Cable CE (5x20 AWG), 0.5 m, with connector MINI-05 MM (13053935-03)	Jumper Cable CE/US MID-05 FF/MM (5x14 AWG), 0.5 m, (13054131) - 0.5/1/3/5 m
	Jumper Cable CE/US MID-05 FF/MM (5x14 AWG), 0.5 m, (13054131) - 0.5/1/3/5/10 m	T-connector MID-05 MFF (13054130)
	Jumper Cable MINI-05 FF/MM (5x20 AWG), 0.5 m, (13053937-02) - 0.5/1/3/5/10 m	Field Installable Connector MID-05 MM (14–22 AWG) - (13054126)
	Adaptor MID2MINI (13054149)	Field Installable Connector MID-05 FF (14–22 AWG) - (13054127)
	Adaptor MINI2MID (13054150)	
	T-connector MID-05 MFF (13054130)	
	T-connector MINI-05 MFF (13053941-01)	
	Field Installable Connector MID-05 MM (14–22 AWG) - (13054126)	
	Field Installable Connector MID-05 FF (14–22 AWG) - (13054127)	
	DMX/RDM SETUP WITH BARE-END FIXTURES	**DMX/RDM SETUP WITH BARE-END FIXTURES**
	Cable SJTW (5x14 AWG), standard with bare-end, black, (13053336)	Cable SJTW (5x14 AWG), standard with bare-end, black, (13053336)
	Cable SJTW (5x14 AWG), with bare-end, white (on request) - (13053697)	Cable SJTW (5x14 AWG), with bare-end, white (on request) - (13053697)
	Cable UL 20969 (5x20 AWG), 1 m, (13053481), black	Cable UL 20969 (5x18 AWG) - (13054125)
	Cable UL 20969 (5x20 AWG), 1 m, (13053696), white (on request)	Junction Box Remote (1x Output) - (10980715)
Not Included Items	Junction Box Remote (1x Output) - (10980715)	Junction Box Remote (4x Output) - (10980716)
	Junction Box Remote (4x Output) - (10980716)	
	DALI SETUP WITH CONNECTORS	**DALI SETUP WITH CONNECTORS**
	Cable SJTW (5x14 AWG), standard with bare-end, black, (13053336)	Cable SJTW (5x14 AWG), standard with bare-end, black, (13053336)
	Cable SJTW (5x14 AWG), with bare-end, white (on request) - (13053697)	Cable SJTW (5x14 AWG), with bare-end, white (on request) - (13053697)
	Cable UL 20969 (5x18 AWG) - (13054125)	Cable UL 20969 (5x18 AWG) - (13054125)
	Jumper Cable CE/US MID-05 FF/MM DALI (5x14 AWG), 0.5 m, (13054131) - 0.5/1/3/5 m	Jumper Cable CE/US MID-05 FF/MM (5x14 AWG), 0.5 m, (13054131) - 0.5/1/3/5 m
	T-connector MID-05 MFF DALI (13054240)	T-connector MID-05 MFF DALI (13054240)
	Field Installable Connector MID-05 MM DALI (14–22 AWG) - (13054238)	Field Installable Connector MID-05 MM DALI (14–22 AWG) - (13054238)
	Field Installable Connector MID-05 FF DALI (14–22 AWG) - 13054239)	Field Installable Connector MID-05 FF DALI (14–22 AWG) - 13054239)
	Junction Box Remote (1x Output) - (10980715)	Junction Box Remote (1x Output) - (10980715)
	Junction Box Remote (4x Output) - (10980716)	Junction Box Remote (4x Output) - (10980716)
	DALI SETUP WITH BARE-END FIXTURES	**DALI SETUP WITH BARE-END FIXTURES**
	Cable SJTW (5x14 AWG), standard with bare-end, black, (13053336)	Cable SJTW (5x14 AWG), standard with bare-end, black, (13053336) - 1/3/5/10 m
	Cable SJTW (5x14 AWG), with bare-end, white (on request) - (13053697)	Cable SJTW (5x14 AWG), with bare-end, white (on request) - (13053697) - 1/3/5/10 mm
	Cable UL 20969 (5x18 AWG) - (13054125)	Cable UL 20969 (5x18 AWG) - (13054125)
	Junction Box Remote (1x Output) - (10980715)	Junction Box Remote (1x Output) - (10980715)
	Junction Box Remote (4x Output) - (10980716)	Junction Box Remote (4x Output) - (10980716)

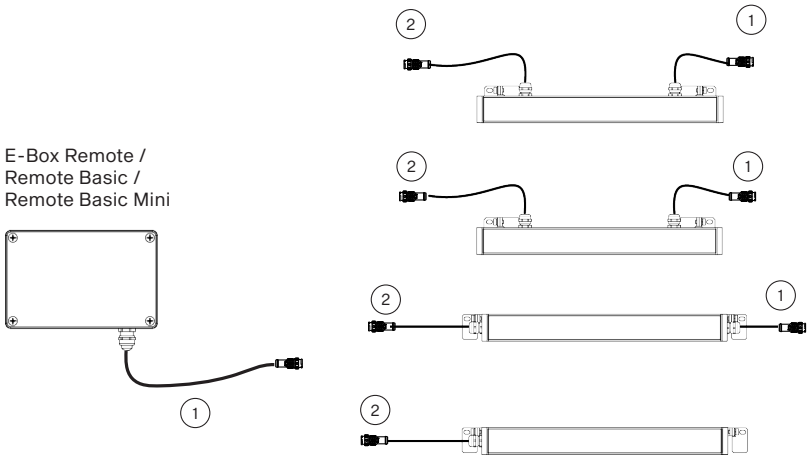
CONTROL AND CONNECTION OPTIONS (CE)

DMX/RDM SETUP WITH CONNECTORS (CE)

MINI Connector Wiring Diagram - Standard

1) Cable CE (5x20 AWG), 0.1 m, with connector MINI-05 FF (13053978)
2) Cable CE (5x20 AWG), 0.5 m, with connector MINI-05 MM (13053935-03)

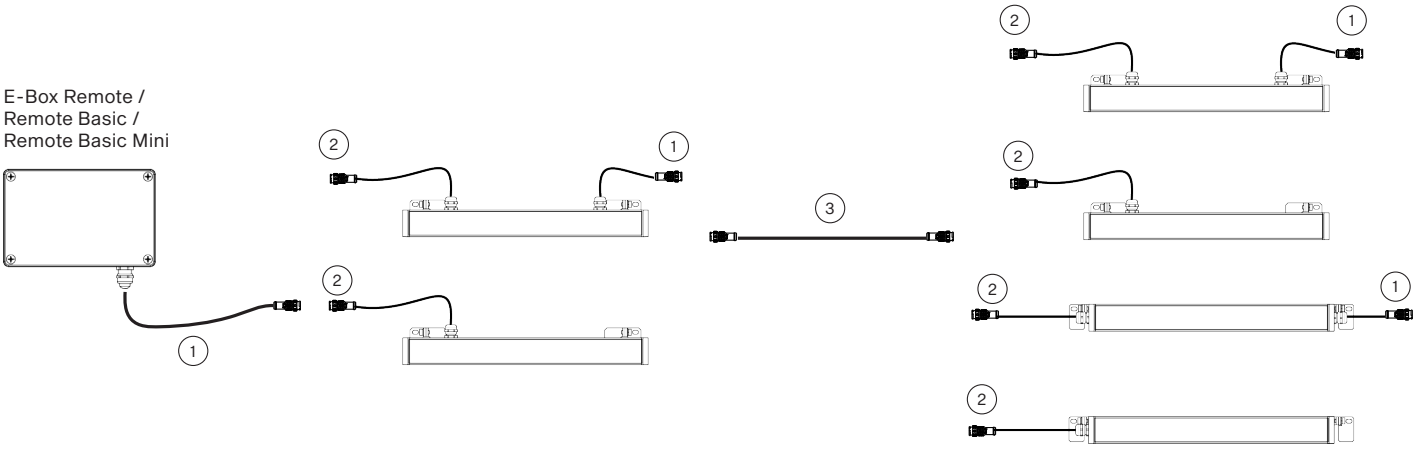
Note: The last unplugged connector must be fitted with a Waterproof Cap to protect the IP rating.



MINI Connector Wiring Diagram - Standard with Jumper Cable

1) Cable CE (5x20 AWG), 0.1 m, with connector MINI-05 FF (13053978)
2) Cable CE (5x20 AWG), 0.5 m, with connector MINI-05 MM (13053935-03)
3) Jumper Cable MINI-05 FF/MM (20 AWG), 0.5 m (13053937-02)

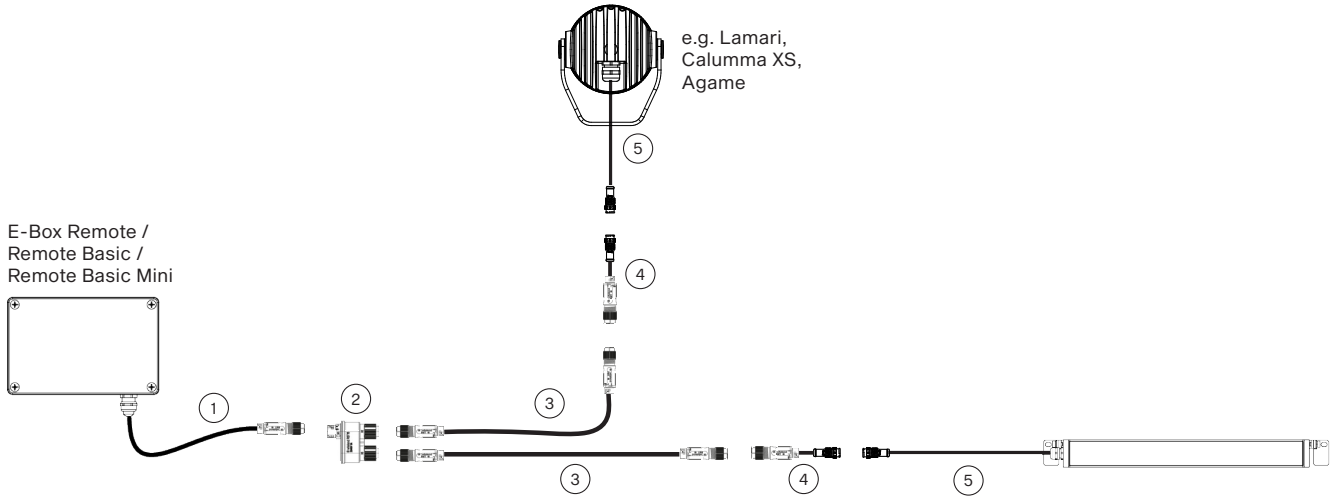
Note: The last unplugged connector must be fitted with a Waterproof Cap to protect the IP rating.



MID/MINI Connector Wiring Diagram

1) Cable SJTW (5x14 AWG), standard with bare-end, black, (13053336), 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 CE (5x20 AWG), 0.5 m, with connector MINI-05 MM (13053935-03)

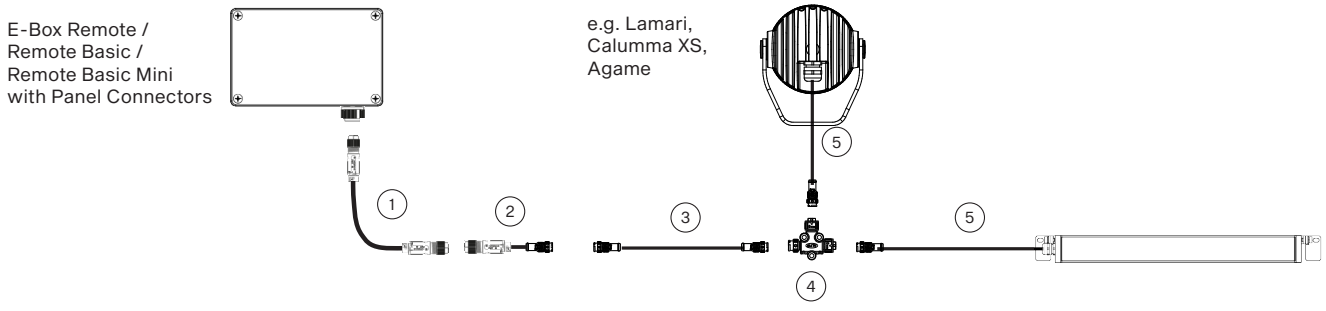
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



MID/MINI Connector Wiring Diagram with Panel Connector

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 CE (5x20 AWG), 0.5 m, with connector MINI-05 MM (13053935-03)

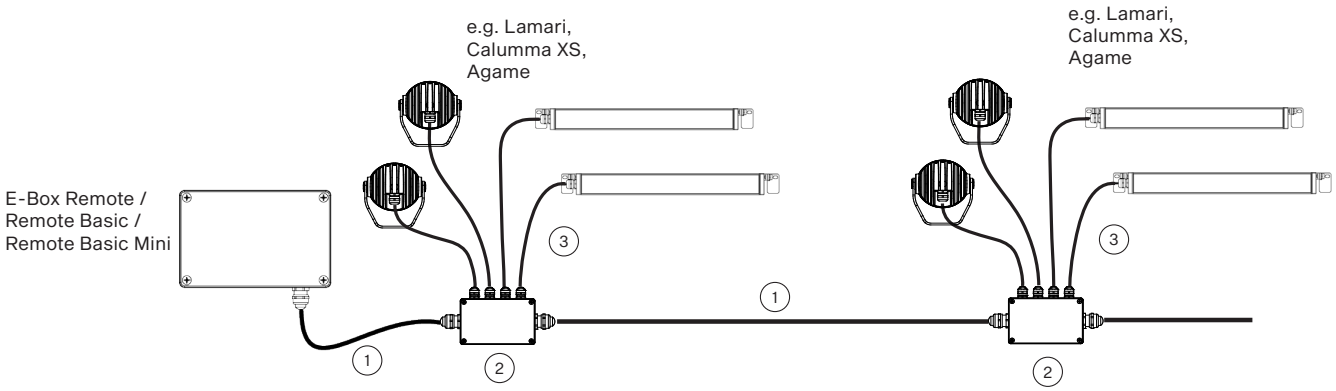
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



DMX/RDM SETUP WITH BARE-END FIXTURES (CE)

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

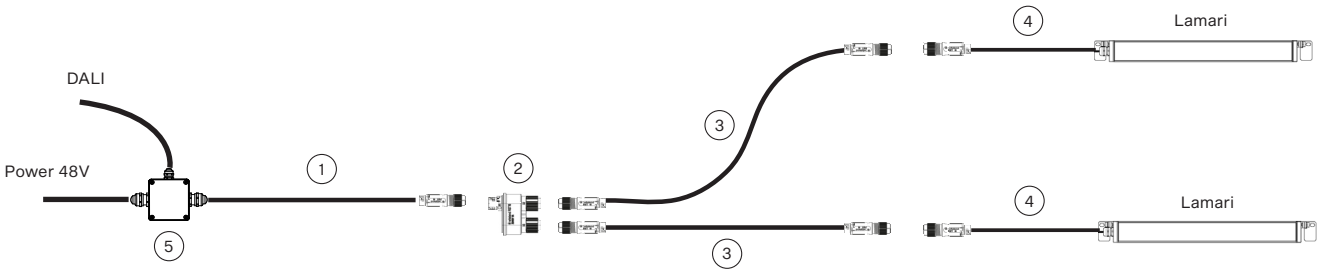
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



DALI SETUP WITH CONNECTORS (CE)

1) Cable SJTW (5x14 AWG), standard with bare-end, black, (13053336), with Field Installable Connector MID-05 FF DALI (14–22 AWG) - (13054239)
2) T-connector MID-05 MFF DALI (13054240)
3) Jumper Cable CE/US MID-05 FF/MM DALI (5x14 AWG), 0.5 m (13054131) - 0.5/1/3/5 m
4) Cable UL 20969 (5x18 AWG), 1 m, (13054125), with Field Installable Connector MID-05 MM DALI (14–22 AWG) - (13054238)
5) Junction Box Remote 1x Output - (10980715)

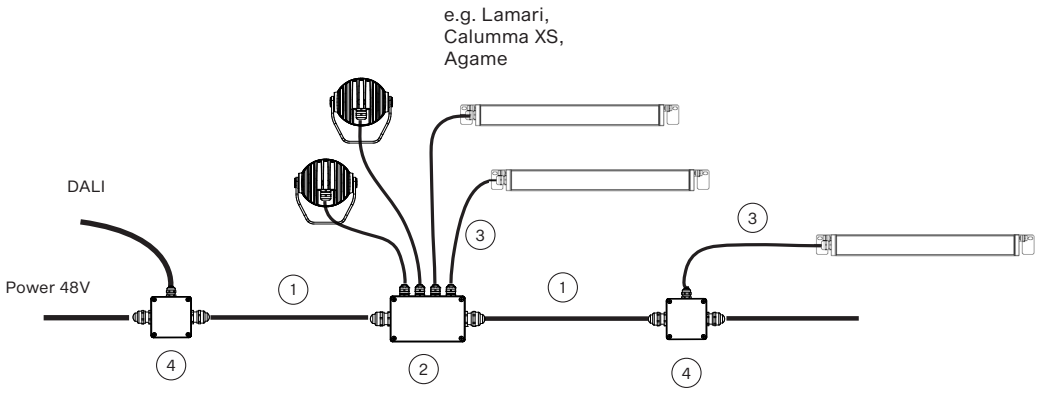
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



DALI SETUP WITH BARE-END FIXTURES (CE)

1) Cable SJTW (5x14 AWG), standard with bare-end, black, (13053336)
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.



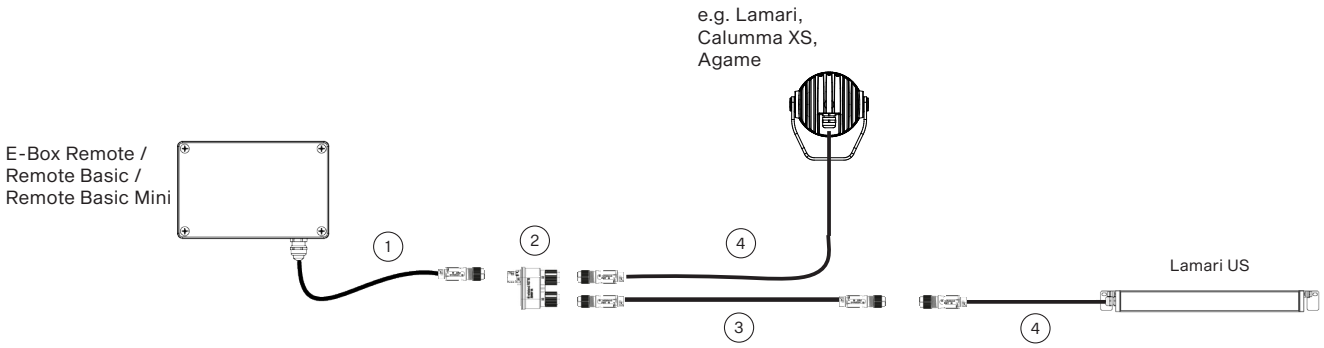
CONTROL AND CONNECTION OPTIONS (US)

DMX/RDM SETUP WITH CONNECTORS (US)

MID Connector Wiring Diagram

1) Cable SJTW (5x14 AWG), standard with bare-end, black, (13053336), 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), with Field Installable Connector MID-05 MM (14–22 AWG) - (13054126)

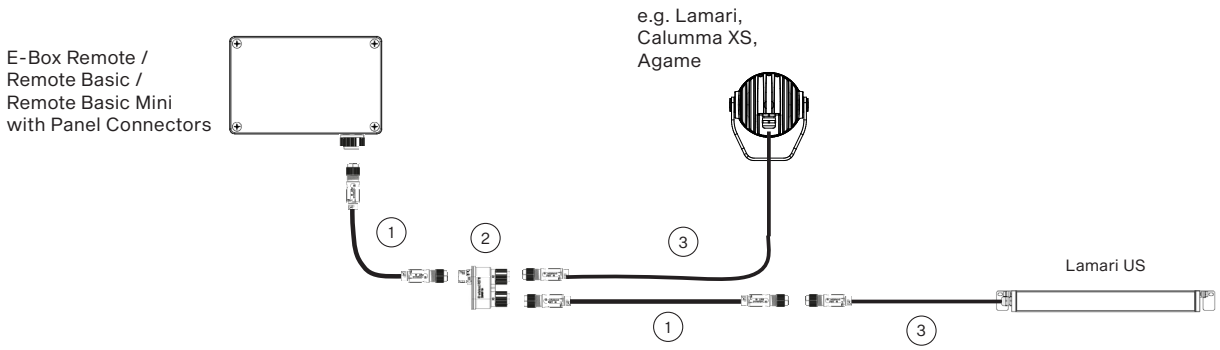
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



MID Connector Wiring Diagram with Panel Connector

1) Jumper Cable CE/US MID-05 FF/MM (5x14 AWG), 0.5 m (13054131)
2) T-connector MID-05 MFF (13054130)
3) Cable UL 20969 (5x18 AWG) - (13054125), with Field Installable Connector MID-05 MM (14–22 AWG) - (13054126)

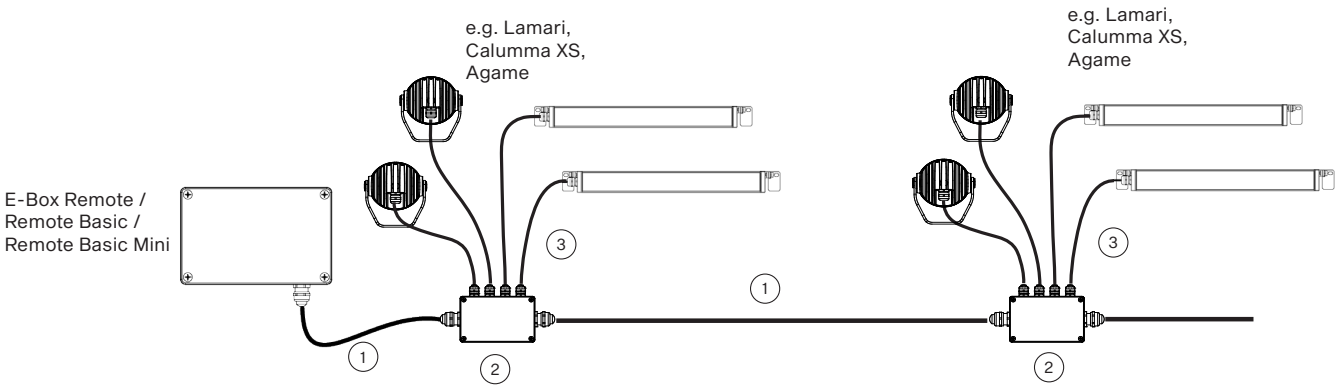
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



DMX/RDM SETUP WITH BARE-END FIXTURES (US)

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

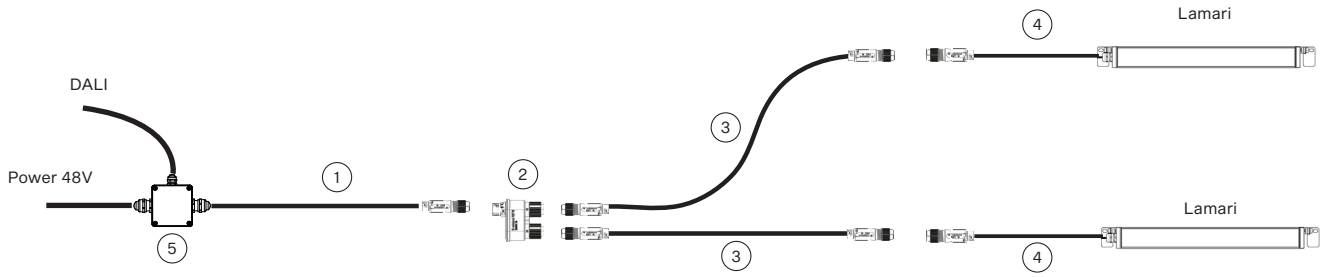
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



DALI SETUP WITH CONNECTORS (US)

1) Cable SJTW (5x14 AWG), standard with bare-end, black, (13053336), with Field Installable Connector MID-05 FF DALI (14–22 AWG) - (13054239)
2) T-connector MID-05 MFF DALI (13054240)
3) Jumper Cable CE/US MID-05 FF/MM (5x14 AWG), 0.5 m (13054131)
4) Cable UL 20969 (5x18 AWG) - (13054125), with Field Installable Connector MID-05 MM DALI (14–22 AWG) - (13054238)
5) Junction Box Remote 1x Output - (10980715)

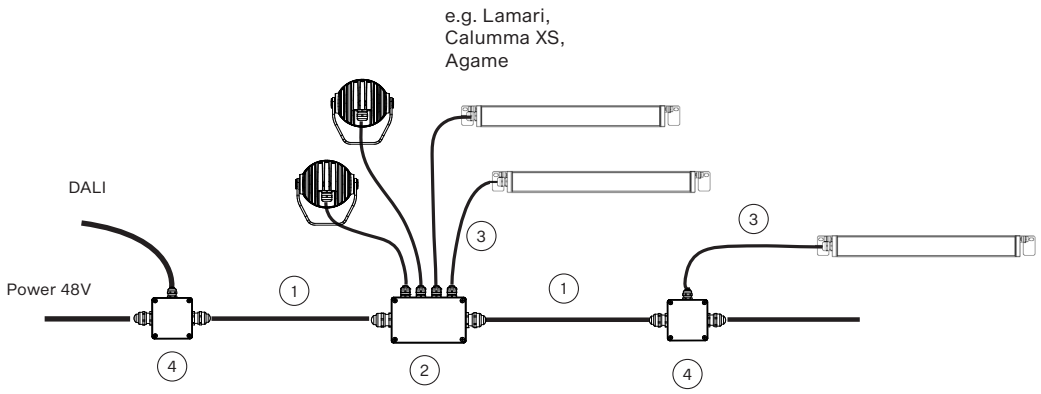
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



DALI SETUP WITH BARE-END FIXTURES (US)

1) Cable SJTW (5x14 AWG), standard with bare-end, black, (13053336)
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



FRONT view

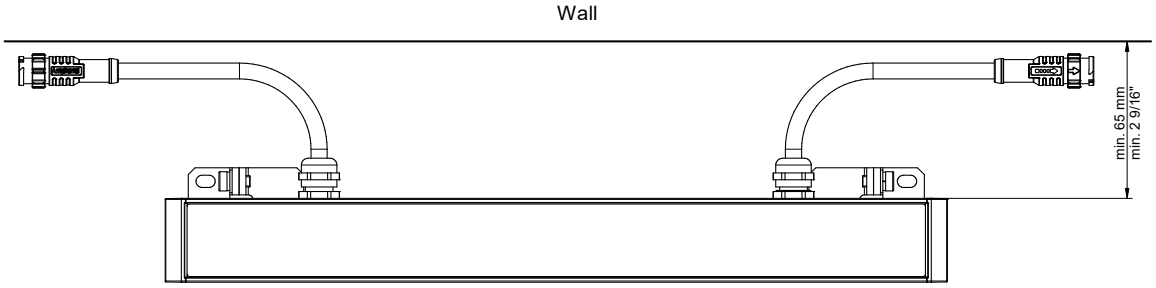
Left side Input



Right side Input (RI)

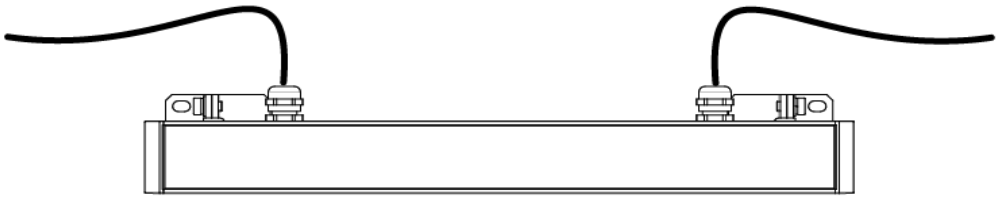


DISTANCE FROM THE WALL

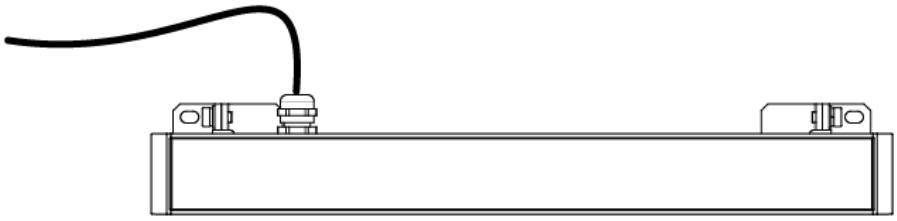


LAMARI CABLE ENTRY OPTIONS

Rear IN/OUT Version



Rear IN Version



Side IN/OUT Version

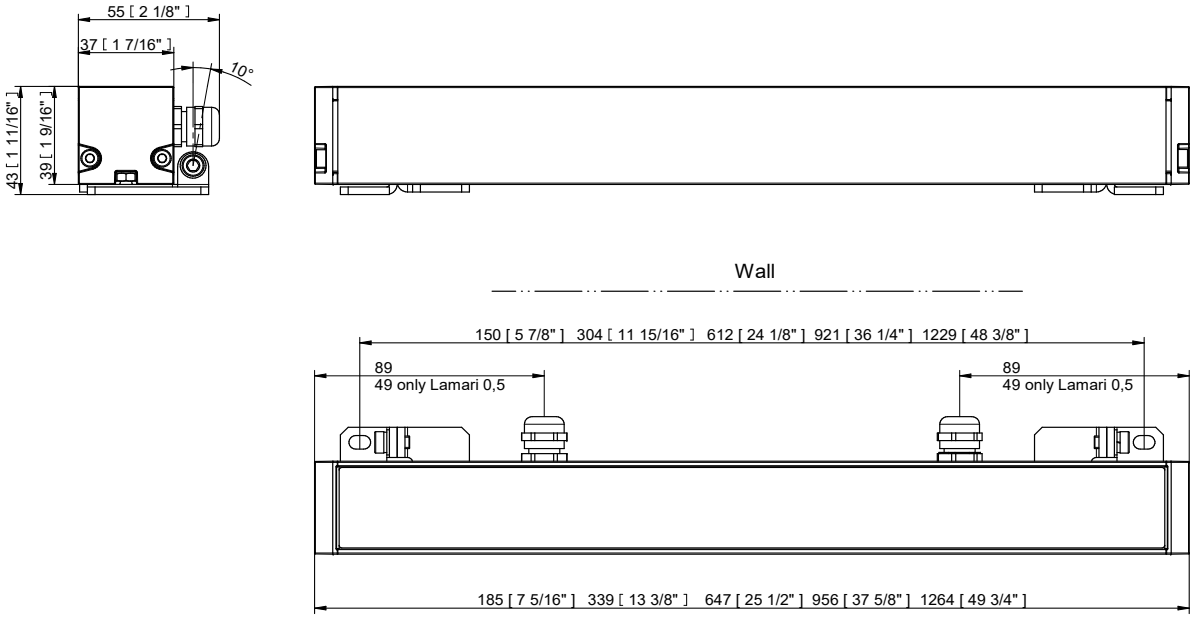


Side IN Version

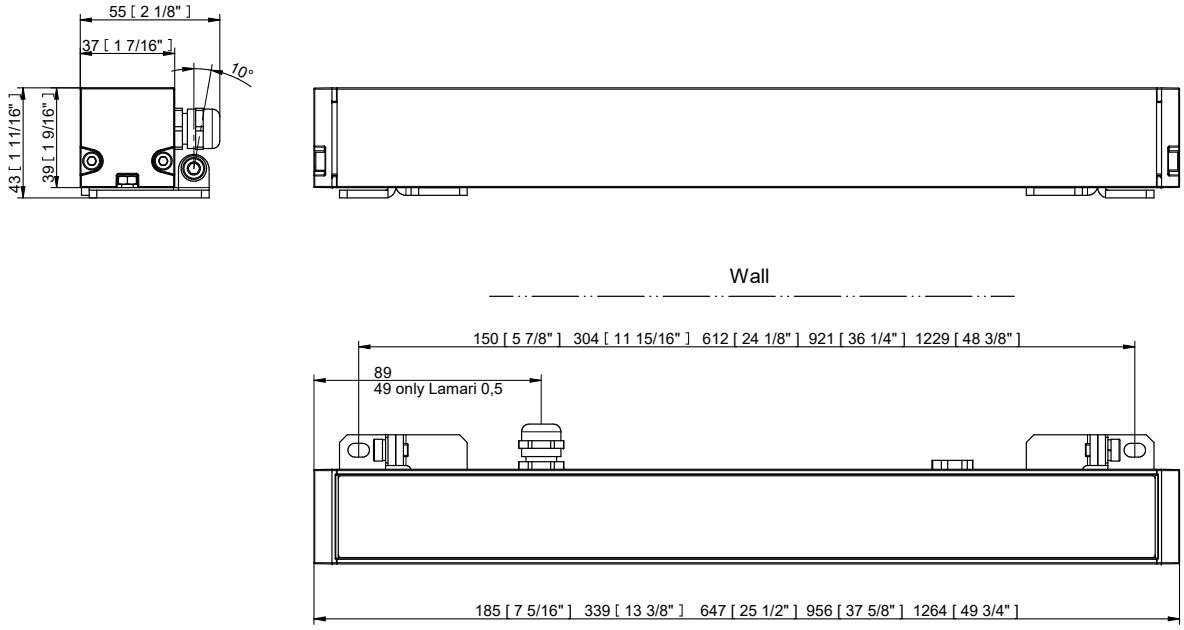


DIMENSIONS

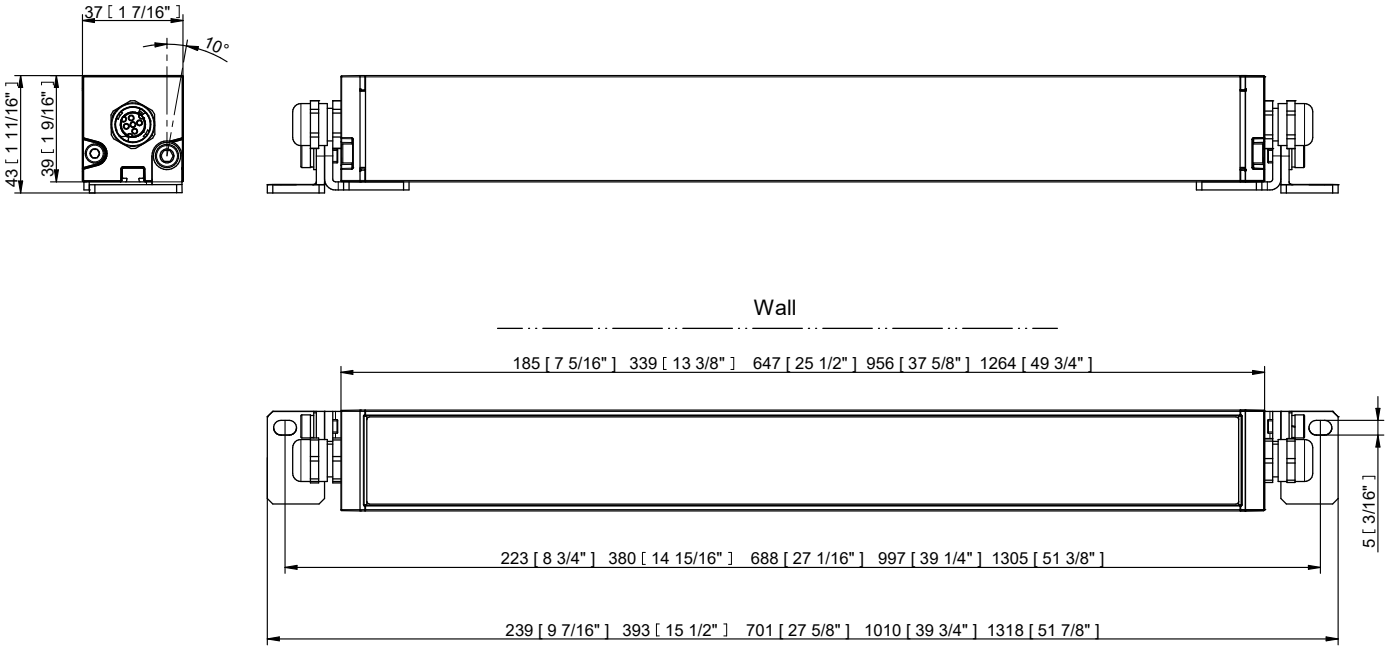
Rear IN/OUT Version



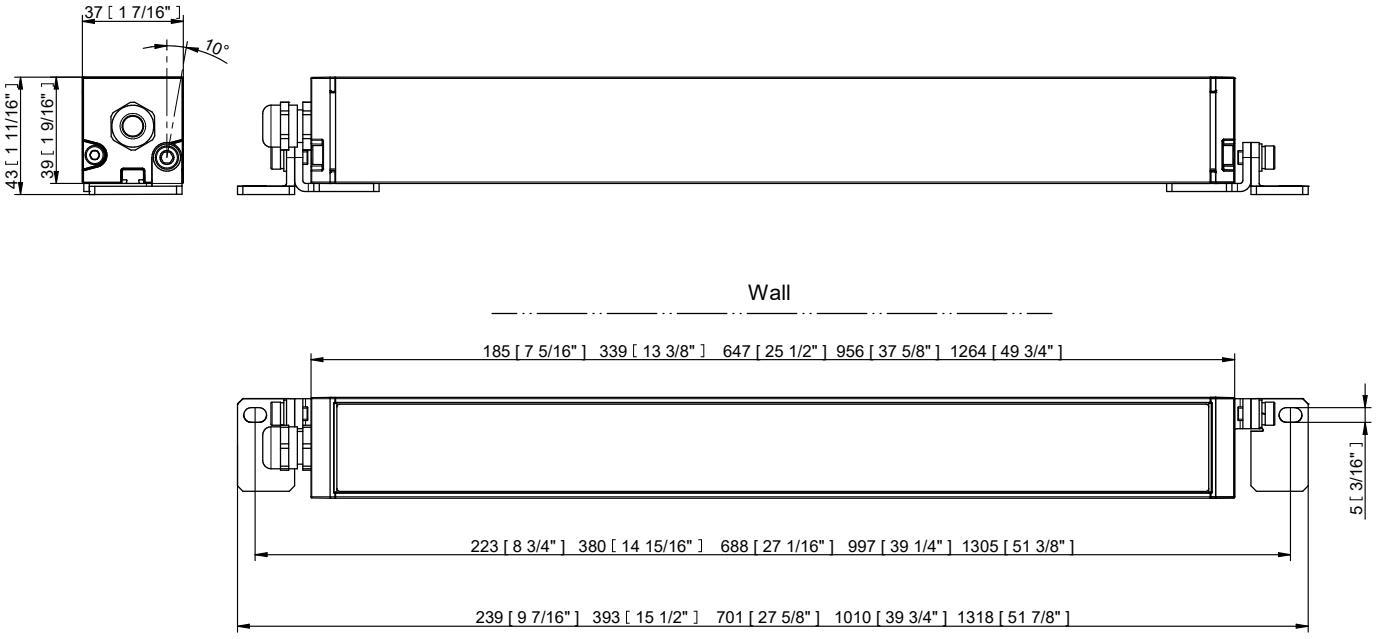
Rear IN Version



Side IN/OUT Version

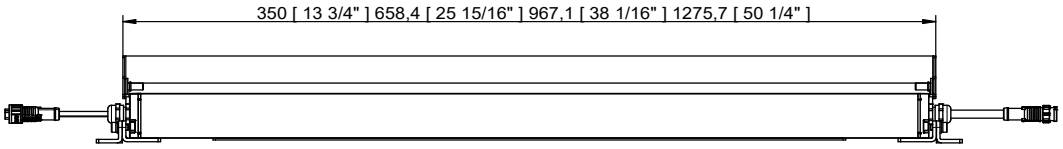


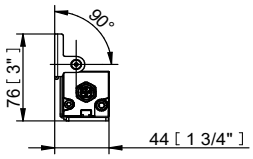
Side IN Version



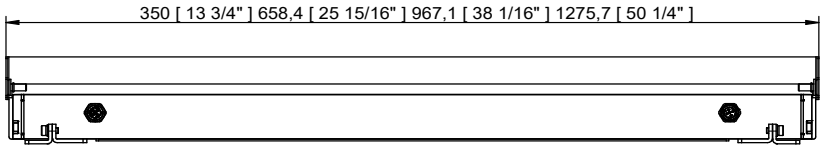
ACCESSORIES

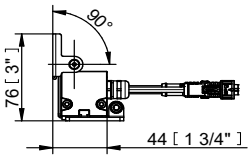
Barndoors for Lamari Side



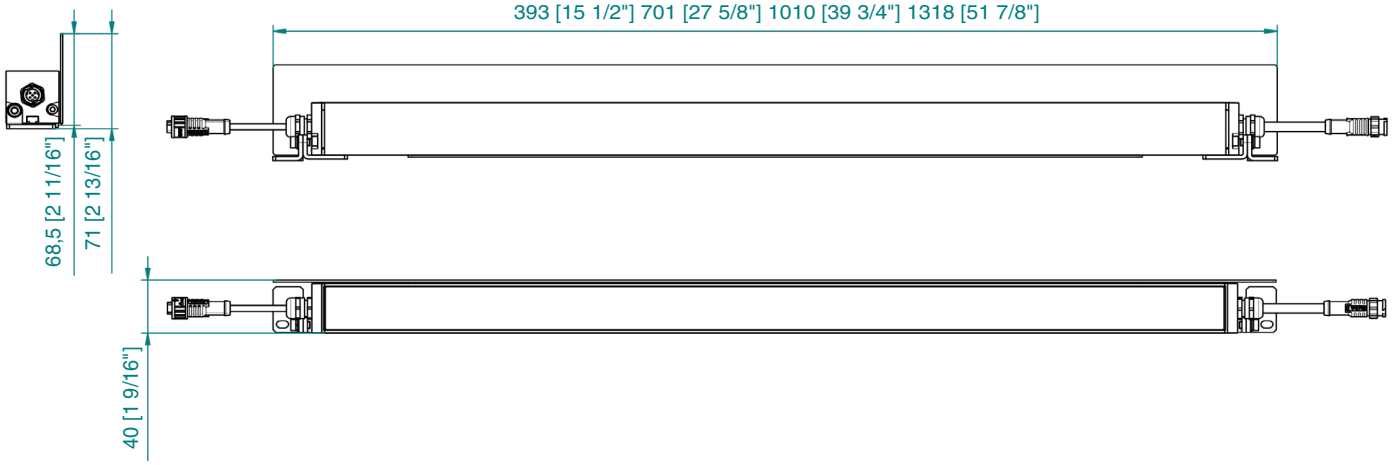


Barndoors for Lamari Rear

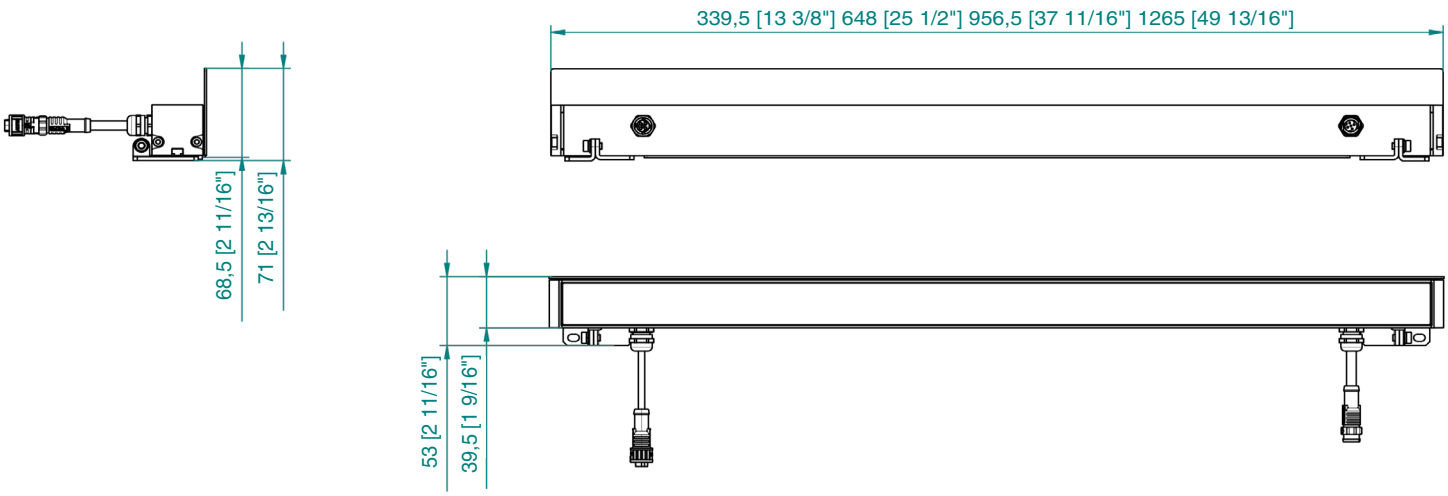




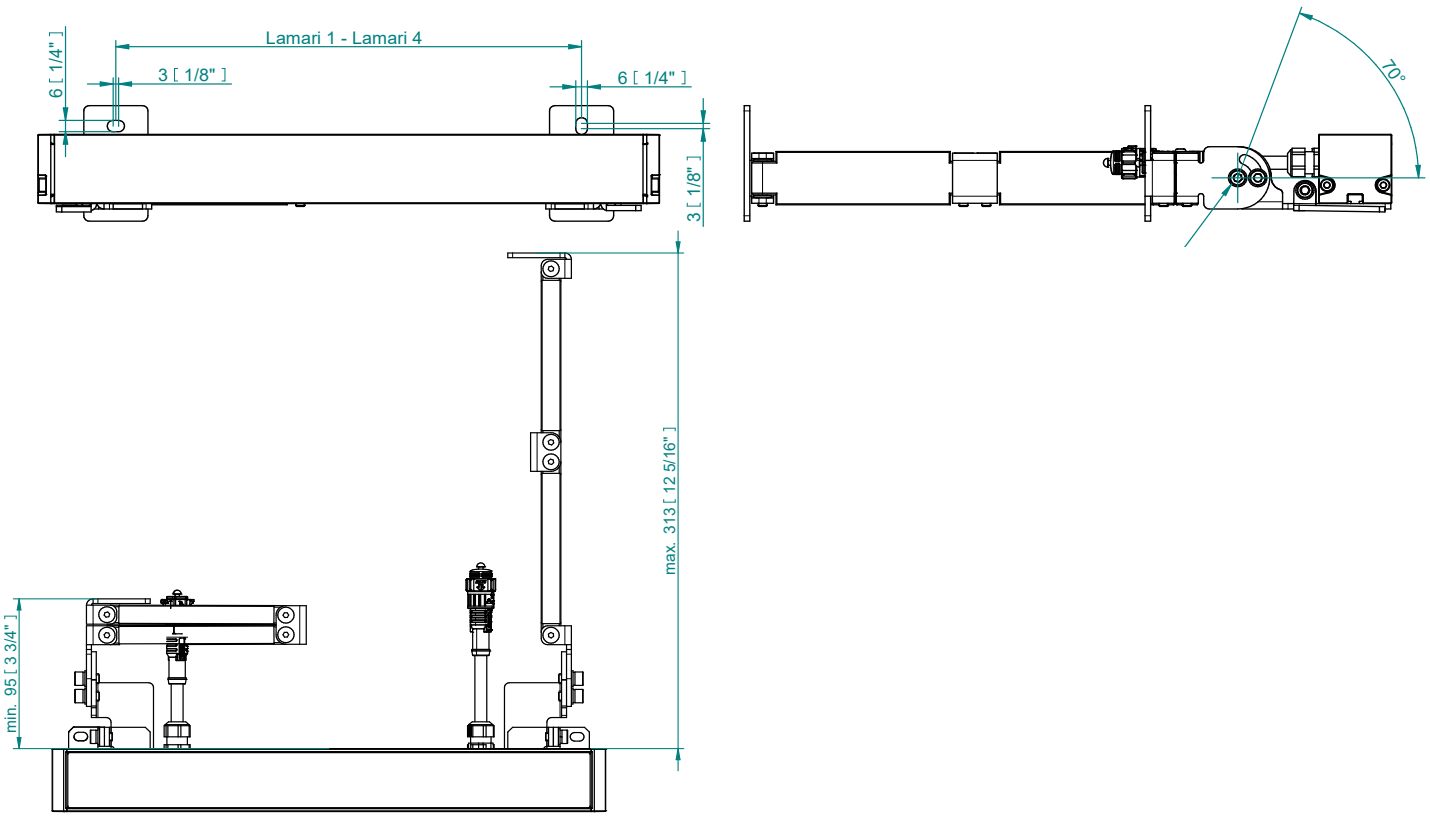
Shields for Lamari Side



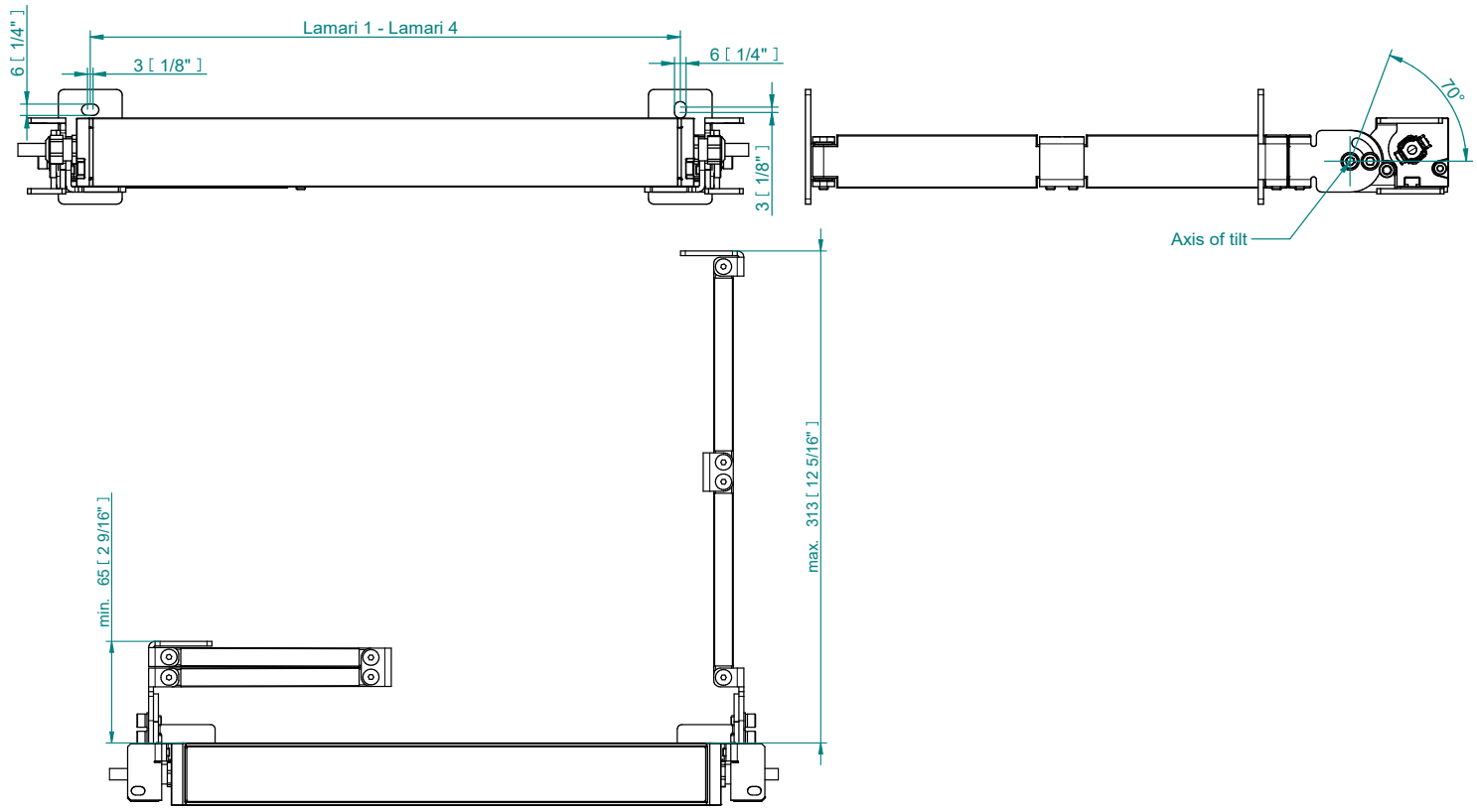
Shields for Lamari Rear



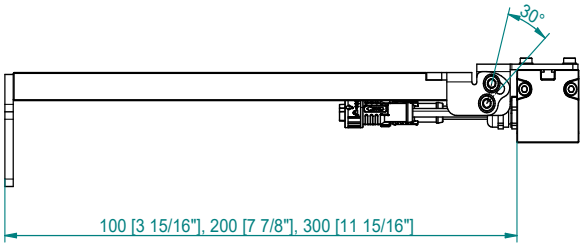
Wall Mount Scissors Brackets for Lamari Rear

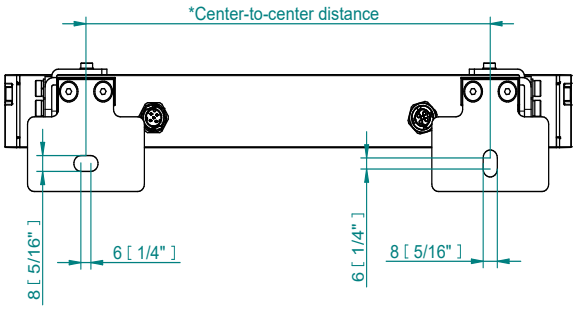


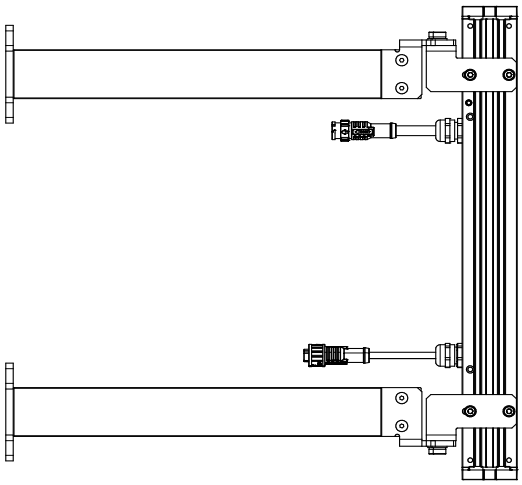
Wall Mount Scissors Brackets for Lamari Side



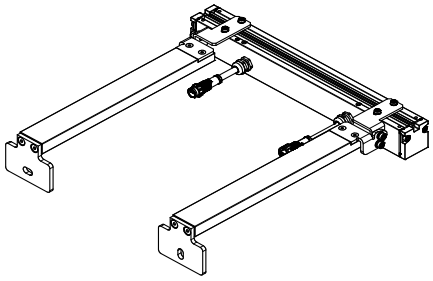
Wall Mount Brackets for Lamari Rear





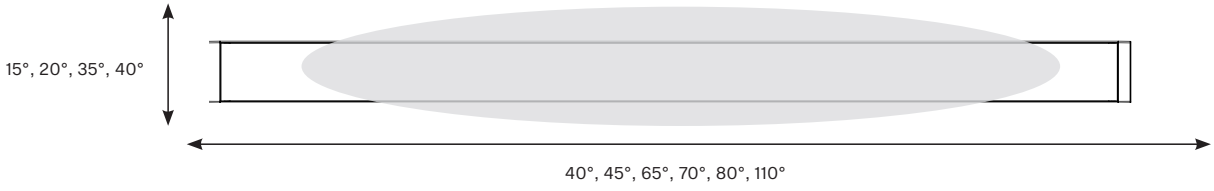


*Lamari SC: 87,8 mm [3 1/2"] 242 mm [9 1/2"] | 550 mm [21 5/8"] | 859 mm [33 7/8"] | 1167 mm [46"]
*Lamari MC: 87 mm [3 7/16"] 242 mm [9 1/2"] | 552 mm [21 3/4"] | 862 mm [34"] | 1172 mm [46 1/8"]



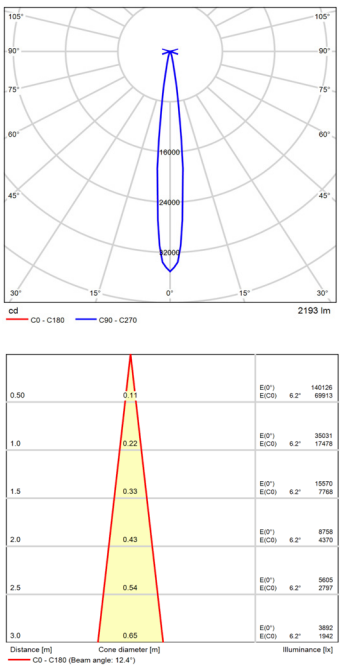
BI-SYMMETRICAL BEAM ANGLES

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

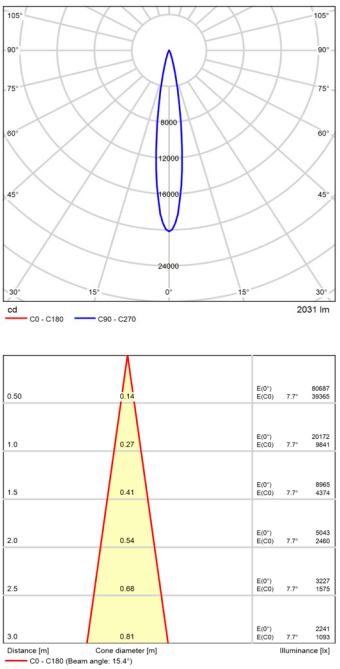


PHOTOMETRIC DATA

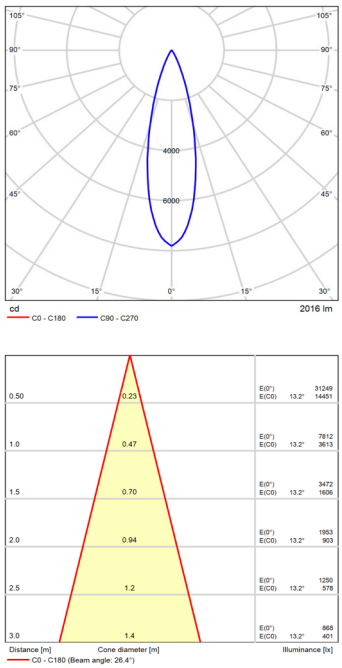
Lamari SC 4 TW (2200K–3000K)
12dg set to 3000K



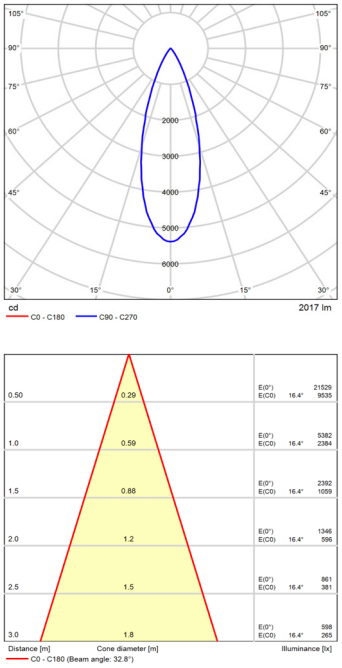
Lamari SC 4 TW (2200K–3000K)
15dg set to 3000K



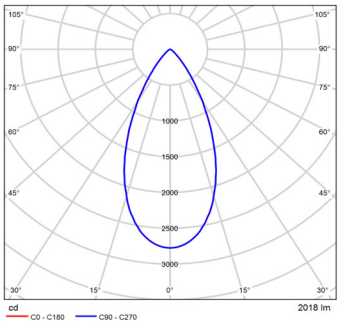
Lamari SC 4 TW (2200K–3000K)
25dg set to 3000K



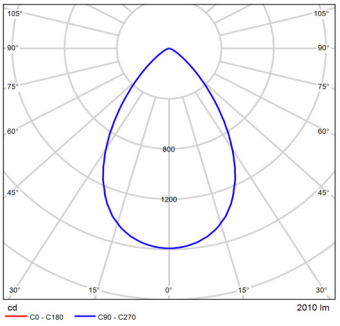
Lamari SC 4 TW (2200K–3000K)
35dg set to 3000K



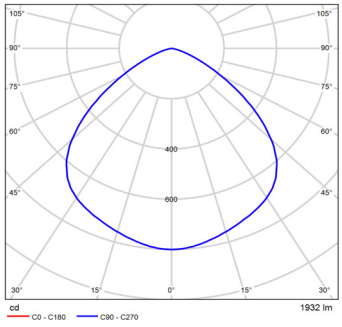
Lamari SC 4 TW (2200K–3000K)
50dg set to 3000K



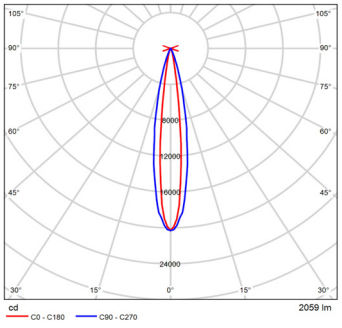
Lamari SC 4 TW (2200K–3000K)
70dg set to 3000K



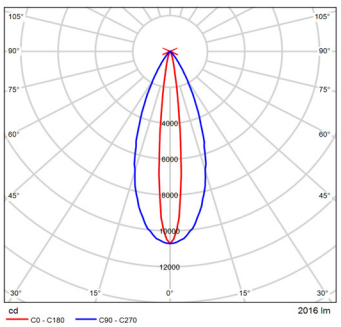
Lamari SC 4 TW (2200K–3000K)
105dg set to 3000K

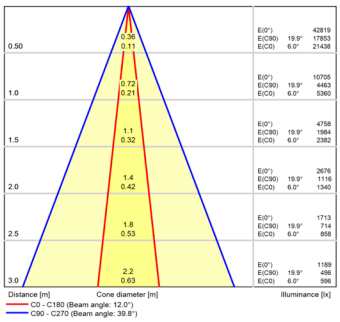


Lamari SC 4 TW (2200K–3000K)
10dg x 20dg set to 3000K

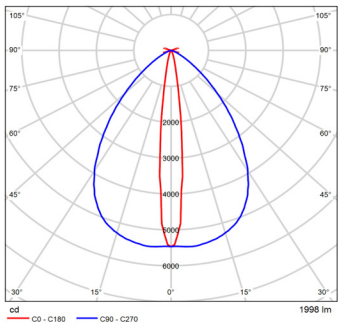


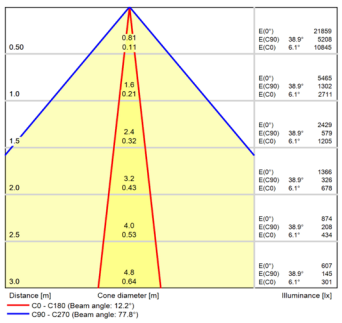
Lamari SC 4 TW (2200K–3000K)
10dg x 40dg set to 3000K



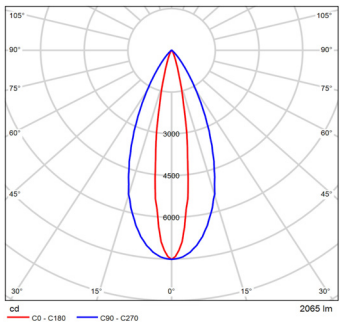


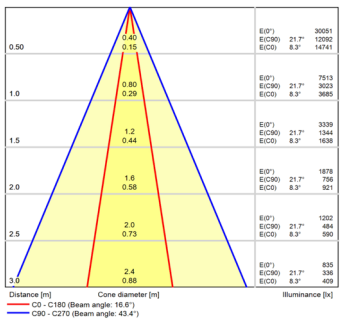
Lamari SC 4 TW (2200K–3000K)
10dg x 80dg set to 3000K



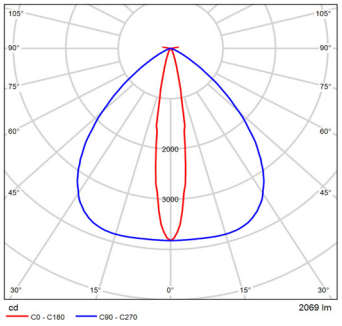


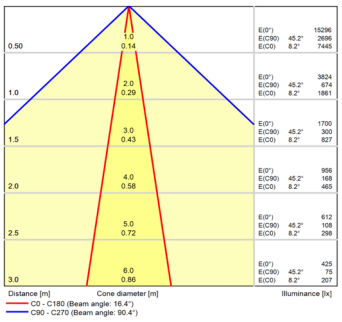
Lamari SC 4 TW (2200K–3000K)
15dg x 45dg set to 3000K



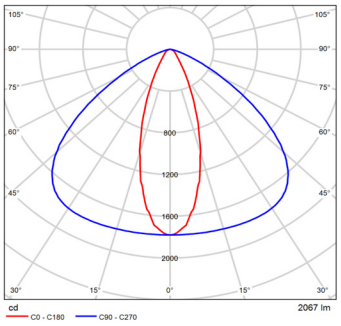


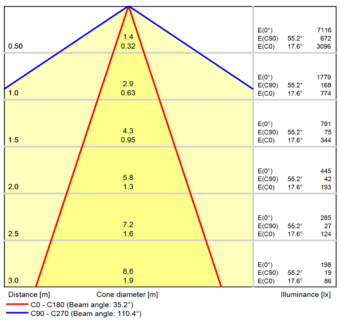
Lamari SC 4 TW (2200K–3000K)
15dg x 90dg set to 3000K





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





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

