CALUMMA™ ARTS XS MC

Using a single high-power LED inside a compact, elegant, and durable housing, the smallest Calumma is designed as an architectural luminaire with a distinctive artistic character. Suitable for both exterior and interior applications, it features 4 interchangeable lenses, 11 textured glass options, and additional optical possibilities including 9° and no optics, which can be freely combined to create highly original projections and virtually infinite lighting effects. Within the extended optical tube, the lenses and textured glass elements can be positioned and adjusted directly on site, allowing precise tuning of the resulting effect to suit the specific installation and making it an exceptionally flexible solution for architectural design.



KEY FEATURES

Lumen output & Light source
Luminaire with one high-power, multi-chip LED provides light output up to 331 lumens with an efficacy of 33 lm/w.

Design & Durability
Lightweight, compact, durable and stylish housing made of high-pressure die cast aluminium. IP67 for fixture, IP65 for its tube and IK10 certification; suitable for marine applications (Harsh Environment Finish required) and traffic applications. Supported with a 5 year warranty.

Flexibility
Calumma Arts XS MC is an ultra-compact luminaire that combines versatility and elegance. With a wide selection of accessories and customizable colour finishes, it provides lighting designers with a flexible tool for the most demanding projects. Interchangeable lenses and textured glass elements can be freely mixed and matched to craft unique, original lighting effects tailored to each installation.

COLOURS

* UPON REQUEST

RGBW (6500 K)
RGBA
RGBL
PW (3000 K)
TW (3000-6500 K) *

CONTROL & PROTOCOLS

VIA E-BOX
REMOTE / REMOTE BASIC

FINISH OPTIONS

* CLOSEST RAL TONE
* HE = Harsh Environment

Graphite Black RAL 9011*
Grey Aluminium RAL 9007
Sandstone RAL 1014*
Pure White RAL 9010
HE Graphite Black RAL 9011*
HE Grey Aluminium RAL 9007
HE Sandstone RAL 1014*
HE Pure White RAL 9010
RAL
Custom Paint Colour

OPTIC OPTIONS

NO OPTICS
9°

LENSES

ARC
FRACTAL
LINE
PC

TEXTURED GLASS

AEROLITE
CATHEDRAL
CUBE
DEWDROP
DIAMOND
FLORENTINE
FLUTES
HAMMERED
MATRIX
RIPPLE
STREAM

STANDARD & SPECIFICATION

IP65 Tube
IP67 Fixture
IK10
CE
ETL
UKCA
5 YEAR Warranty with Registration
Vibration Standard for Bridge
ROHS

SPECIFICATION

ELECTRICAL	Input Voltage	48 V	
	Typical Power Consumption	10 W +/-10 %	
OPTICAL	Light Source	High Power Multichip LED	
	Colour Variants	RGBW (W - 6500 K) | RGBA | RGBL | Pure White (W - 3000 K)	
		On Request: Tuneable White (3000–6500 K)	
	Beam Angle	9° | No Optics	
	Lumen Output Delivered	331 lm (@9°RGBW)	
	Projected Lumen Maintenance	L90B10 >90.000 hrs, Ta = 25°C / 77°F	
CONTROL	Interface protocol	Via E-box Remote or E-box Remote Basic	
	E-Box Remote control protocol	USITT DMX512/RDM, ArtNet, MA Net, MA Net2, sACN, Kling-Net	
	Setting / adressing	E-box Remote, RDM communicator	
	Connectivity & Power Supply	E-Box Remote | Remote Basic	
PHYSICAL	Width x Height x Depth	94 x 112 x 224 mm (3.7 x 4.4 x 8.8 in.)	
	Weight	1.4 kg | 3.1 lbs	
	Housing	High Pressure Die-Cast Aluminium Body | Tempered Glass	
	Finish Options	Standard Colour	Graphite Black RAL 9011 | Grey Aluminium RAL 9007 Pure White RAL 9010 | Sandstone RAL 1014
		Standard Colour Harsh Environment	Graphite Black RAL 9011 | Grey Aluminium RAL 9007 Pure White RAL 9010 | Sandstone RAL 1014
		Cost Option	Custom RAL
	Cabels / Connectivity	**IN (for DMX, DALI):** - 1 m cable with bare end - Other cable length - custom - Junction box - optional	**IN (for E-Box Version):** - Cable (5x20 AWG) 0.5 m, with Connector MM
	Mounting Method	Yoke or Yoke for Pole Adaptor	
	Adjustability	+180° / -180°	
	Protection Factor	IP67 (fixture) / IP65 (tube) / Suitable For Wet Locations	
	IK Rating	IK10	
	Cooling System	Convection	
	Operating Ambient Temperature	-20°C / +50°C (-4°F / +122°F)	
CERTIFICATION	Listings	ETL / cETL, CE, RoHS, UKCA	
ACCESSORIES	**Not Included Items**	Re-enterable Electrical Insulating Resin	
		Land Spike for Calumma XS	
		Twin Wall Cover Calumma XS	
		Pole Adaptor (ø 102 mm) (Yoke for Pole Adaptor Required)	
		Floor Stand for Calumma Arts XS	
		Clear Glass for Calumma Artx XS	
		Lenses for Calumma Arts XS	PC Lens | Fractal Lens | ARC Lens | Line Lens
		Textured Glass for Calumma Arts XS	Hammered Glass | Diamond Glass | Matrix Glass | Cube Glass | DewDrop Glass | Florentine Glass | Cathedral Glass | Ripple Glass | Stream Glass | Aerolite Glass | Flutes Glass

CABLES & CONNECTORS

ACCESSORIES Not Included Items	**DMX/RDM SETUP WITH CONNECTORS**	Cable SJTW (5x14 AWG), standard with bare-end, black (13053336)
		Cable SJTW (5x14 AWG), standard with bare-end, white (on request) - (13053697)
		Cable CE (5x20 AWG), 0.1 m, with connector MINI-05 FF (13053978)
		Cable CE (5x20 AWG), 0.5 m, with connector MINI-05 MM (13053935-03)
		Jumper Cable CE/US MID-05 MM/FF (14 AWG) - 0.5/1/3/5 m
		Jumper Cable MINI-05 FF/MM (20 AWG), 0.5 m (13053937-02) - 0.5/1/3/5 m
		Adaptor MINI2MID (13054150)
		Adaptor MID2MINI (13054149)
		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)
		Waterproof Cap for connector MID-05 FF (13053943)
		Waterproof Cap for connector MID-05 MM (13053942)
	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, white (on request) - (13053697)
		Cable UL 20969 (5x20 AWG), 1 m, black (13053481)
		Cable UL 20969 (5x20 AWG), 1 m, white (on request) - (13053696)
		Junction Box Remote (1x Output) - (10980715)
		Junction Box Remote (4x Output) - (10980716)
	DALI SETUP WITH CONNECTORS	Cable SJTW (5x14 AWG), standard with bare-end, black (13053336)
		Cable SJTW (5x14 AWG), standard with bare-end, white (on request) - (13053697)
		Cable UL 20969 (5x18 AWG), 1 m, black (13054125)
		T-connector MID-05 MFF DALI (13054240)
		Field Installable Connector MID-05 MM DALI (14–22 AWG) - (13054238)
		Field Installable Connector MID-05 FF DALI (14–22 AWG) - (13054239)
		Junction Box Remote (1x Output) - (10980715)
		Junction Box Remote (4x Output) - (10980716)
		Waterproof Cap for connector MID-05 FF (13053943)
		Waterproof Cap for connector MID-05 MM (13053942)
	DALI SETUP WITH BARE-END FIXTURES	Cable SJTW (5x14 AWG), standard with bare-end, black (13053336)
		Cable SJTW (5x14 AWG), standard with bare-end, white (on request) - (13053697)
		Cable UL 20969 (5x20 AWG), 1 m, black (13053481
		Cable UL 20969 (5x20 AWG), 1 m, white (on request) - (13053696)
		Junction Box Remote (1x Output) - (10980715)
		Junction Box Remote (4x Output) - (10980716)

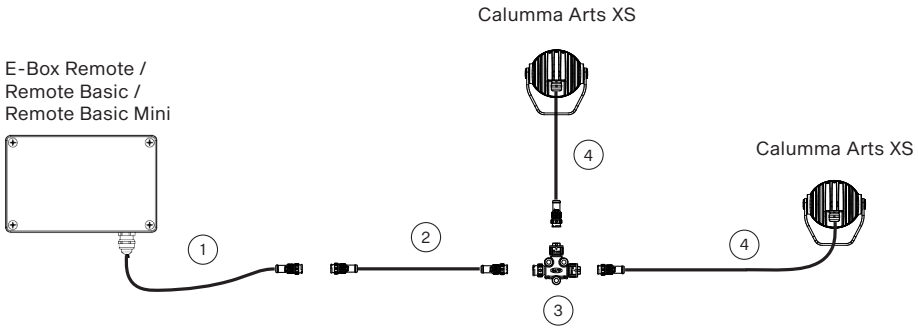
CONTROL AND CONNECTION OPTIONS (CE)

DMX/RDM SETUP WITH CONNECTORS (CE)

MINI Connector Wiring Diagram

1) Cable CE (5x20 AWG), 0.1 m, with connector MINI-05 FF (13053978)
2) Jumper Cable MINI-05 FF/MM (20 AWG), 0.5 m (13053937-02)
3) T-connector MINI-05 MFF (13053941-01)
4) Cable CE (5x20 AWG), 0.5 m, with connector MINI-05 MM (13053935-03)

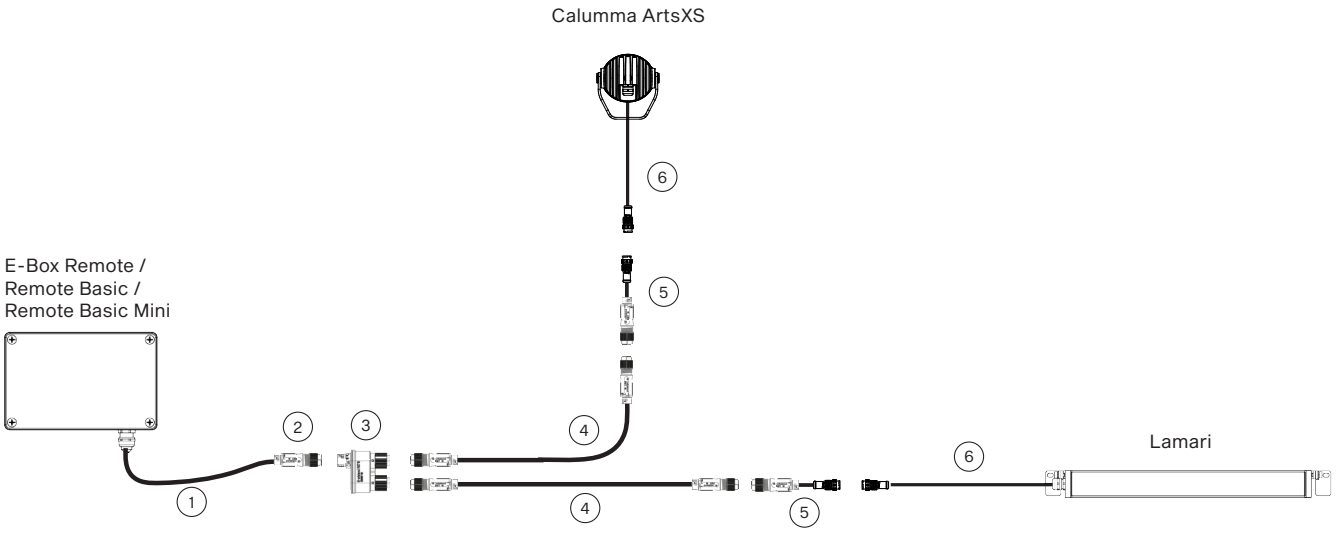
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



MID/MINI Connector Wiring Diagram

1) Cable SJTW (5x14 AWG), standard with bare-end, black (13053336)
2) Field Installable Connector MID-05 FF (14–22 AWG) - (13054127)
3) T-connector MID-05 MFF (13054130)
4) Jumper Cable CE/US MID-05 FF/MM (5x14 AWG), 0.5 m (13054131)
5) Adaptor MID2MINI (13054149)
6) Cable CE (5x20 AWG), 0.5 m, with connector MINI-05 MM (13053935-03)

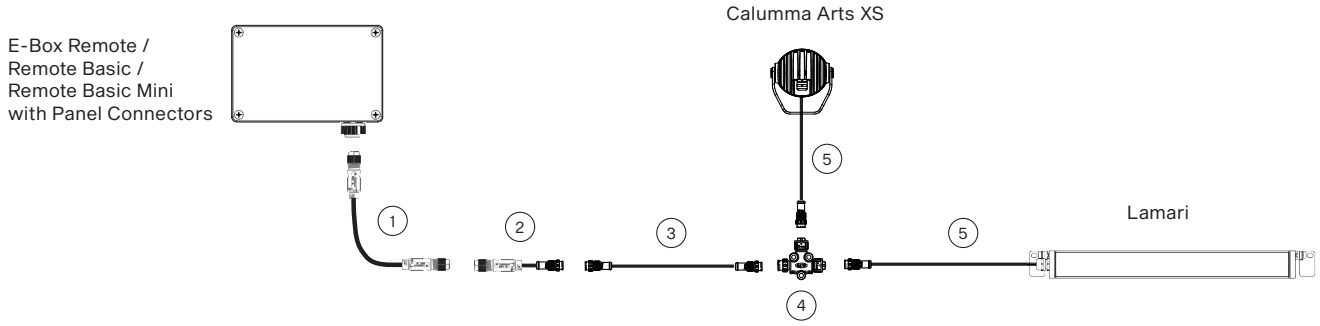
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



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)

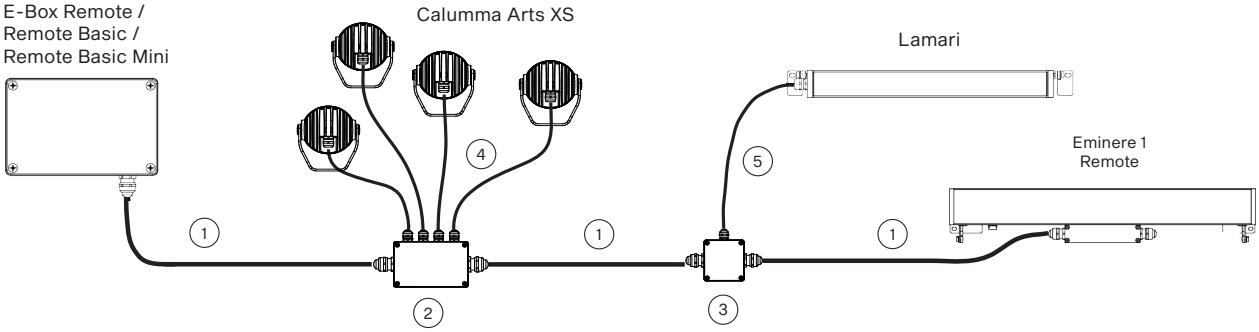
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



DMX/RDM SETUP WITH BARE-END FIXTURES

1) Cable SJTW (5x14 AWG), standard with bare-end, black (13053336)
2) Junction Box Remote (4x Output) - (10980716)
3) Junction Box Remote (1x Output) - (10980715)
4) Cable UL 20969 (5x20 AWG), black (13053481)
5) Cable (5x20 AWG), 0.5 m, with connector MINI-05 MM (13053935-03)

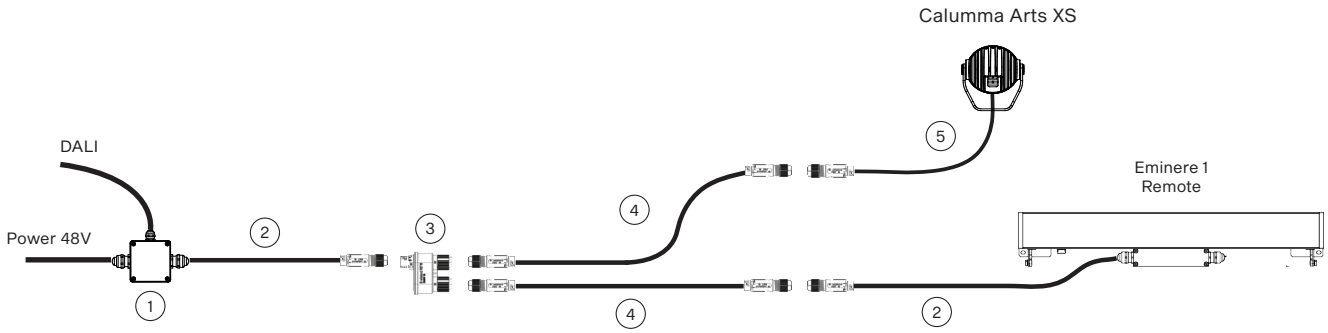
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



DALI SETUP WITH CONNECTORS

1) Junction Box Remote (1x Output) - (10980715)
2) Cable SJTW (5x14 AWG), standard with bare-end, black (13053336), with Field Installable Connector MID-05 FF DALI (14–22 AWG) - (1305439)
3) T-connector MID-05 MFF DALI (13054240)
4) Jumper Cable CE/US MID-05 FF/MM DALI (5x14 AWG), 0.5 m (13054131) - *assembled*
5) Cable UL 20969 (5x18 AWG), 1 m (13054125), with Field Installable Connector MID-05 MM DALI (14–22 AWG) - (13054238)

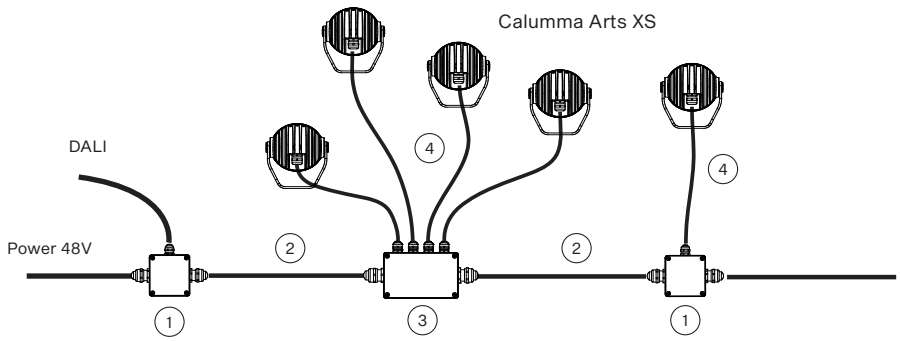
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



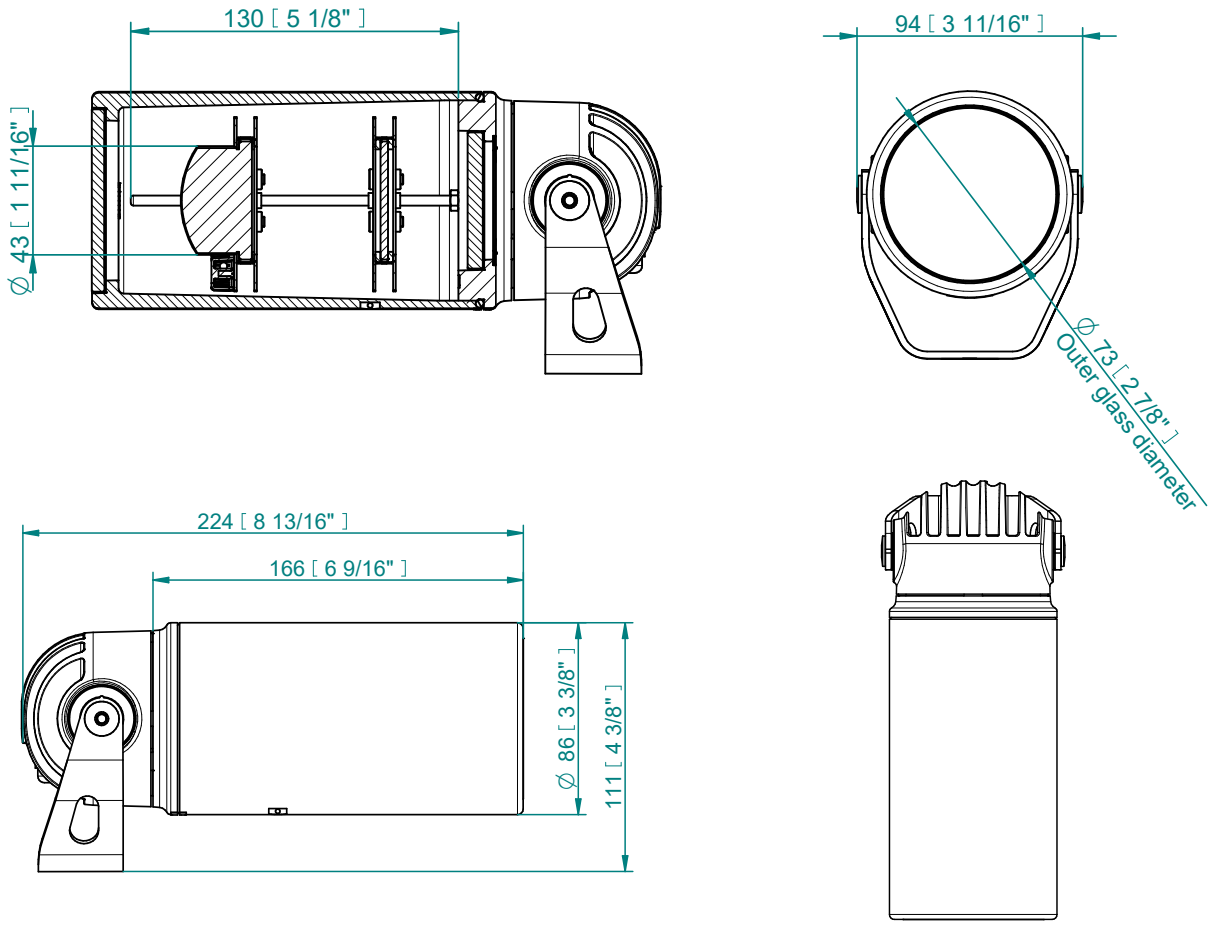
DALI SETUP WITH BARE-END FIXTURES

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

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



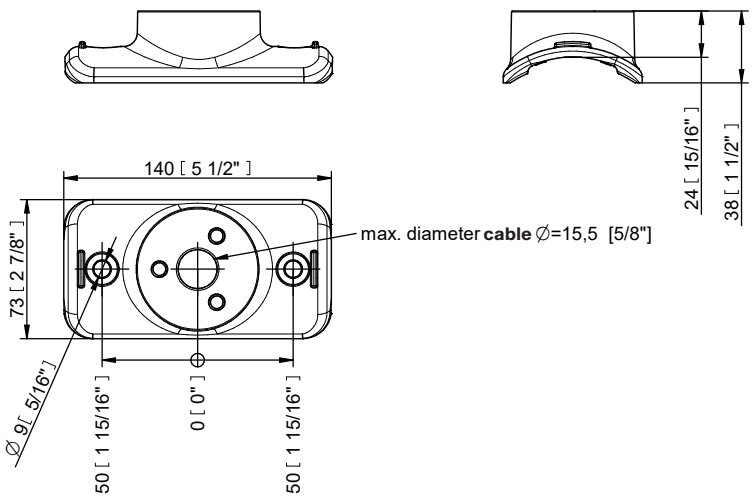
DIMENSIONS



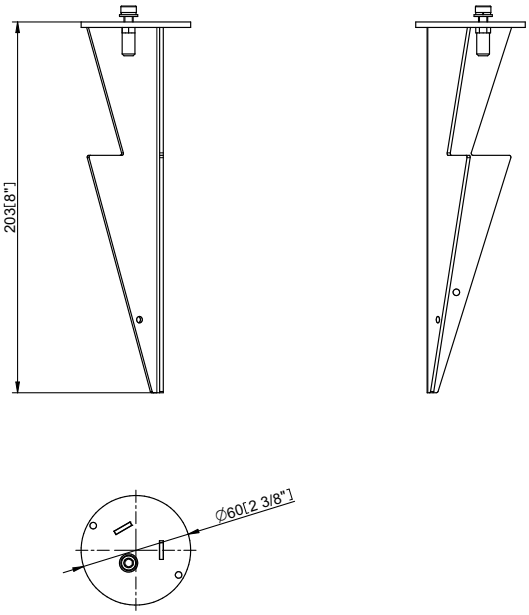
ACCESSORIES

Pole Adaptor (ø 102 mm, Yoke for pole Adaptor Required / PA)

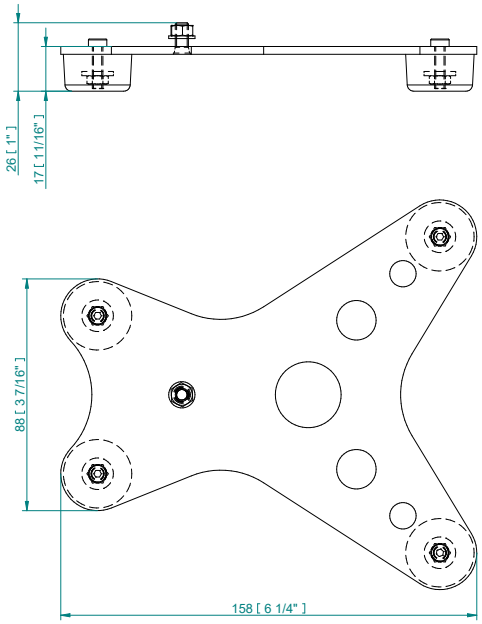
Example of ordering code: Calumma XS MC RGBCW 15° PA



Land Spike for Calumma XS



Floor Stand for Calumma Arts XS



CONNECTIVITY

Following table shows maximum connected Calummas Arts XS SC in a row with respect of cable length.

Cable length	Per E-Box Remote	Per 1 LED output
50 m (max per 1 output)	40 pcs	20 pcs
100 m (total length, 2x output)		20 pcs

PROJECTED AREA

	Front (rear) - m²	Front (rear) ft²	Side - m²	Side - ft²	Top - m²	Top - ft²
Calumma Arts XS	0.006	0.07	0.02	0.22	0.02	0.22