CALUMMA™ ARTS XS SC

Calumma Arts XS SC is a compact architectural luminaire with a strong artistic character, designed to transform light into a creative expression. Featuring high-power single-chip LED technology, it is available with precise 10° optics or without optics, and offers a choice of 4 interchangeable lenses and 11 textured glass options to create layered projections and an exceptionally wide variability of final lighting effects. The optical system can be customized directly on site, allowing designers to fine-tune the output to perfectly suit the installation. With its durable IP67-rated housing for fixture, wide control compatibility and elegant design, Calumma Arts XS SC delivers versatile, expressive lighting for distinctive architectural applications.



KEY FEATURES

Lumen output & Light source
Luminaire with four high-power, single-chip LEDs provides up to 457 lumen output (@10°, PW 3000 K). No light spills.

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
An exceptionally compact luminaire available with a wide range of accessories and custom colour finishes, Calumma Arts XS SC offers lighting designers a highly flexible solution based on interchangeable lenses and textured glass elements that can be freely combined to create unique, original lighting effects for the most demanding applications.

COLOURS

STANDARD

PW (3000 K)
TW (2200-3000 K)

UPON REQUEST

AVAILABLE COLOURS FOR CUSTOM SETUP

2.200 K
2.700 K
3.000 K
4.000 K
6.500 K

CONTROL & PROTOCOLS

VIA E-BOX — REMOTE / REMOTE BASIC
ON OFF — PW & SINGLE COLOUR ONLY

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
10°

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 US
UK CA
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 Single Chip LEDs	
	Colour Variants	Pure White (W - 3000 K) | Tuneable White (2200–3000 K)	
		Custom Setup On Request: 2200 K, 2700 K, 3000 K, 4000 K, 6500 K	
	Beam Angle	10° | No Optics	
	Lumen Output Delivered	457 lm (@ 10°, PW 3000 K) TBC	
	Projected Lumen Maintenance	L90B10 >90.000 hrs, Ta = 25°C / 77°F	
CONTROL	Interface protocol	Via E-box Remote or E-box Remote Basic | ON/OFF (PW & single colour only)	
	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 Arts 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

ACCESSORIES Not Included Items	**DMX CONNECTOR SOLUTION**	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 BARE-END SOLUTION	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, (13053481), black
		Cable UL 20969 (5x20 AWG), 1 m, (13053696), white (on request)
		Junction Box Remote (1x Output) - (10980715)
		Junction Box Remote (4x Output) - (10980716)

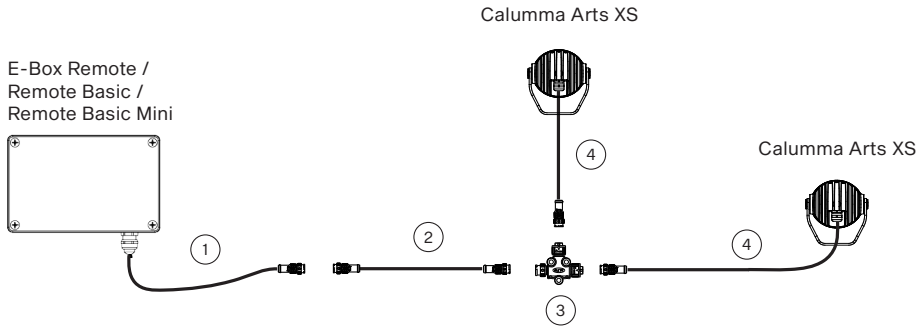
CONTROL AND CONNECTION OPTIONS (CE)

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)

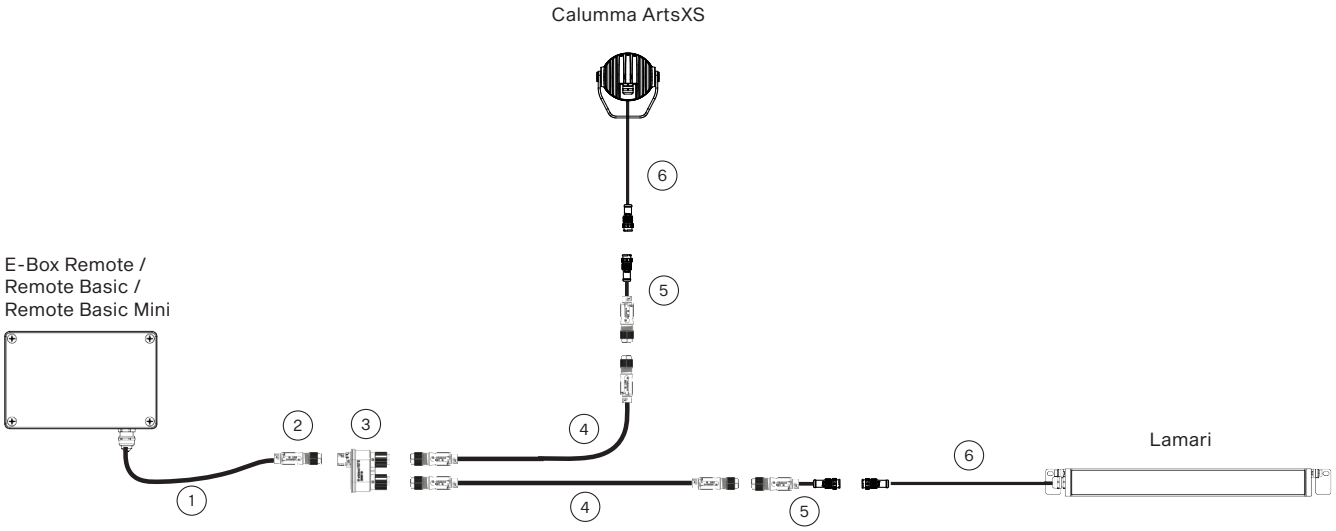
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



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)

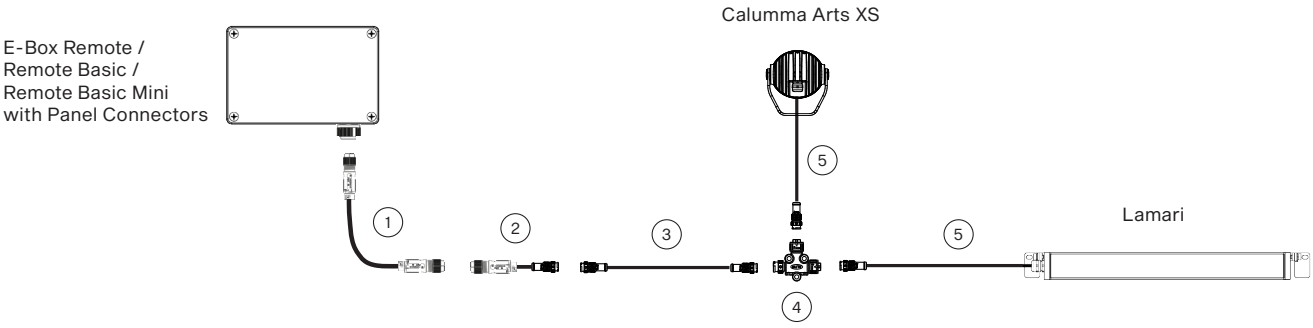
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



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)

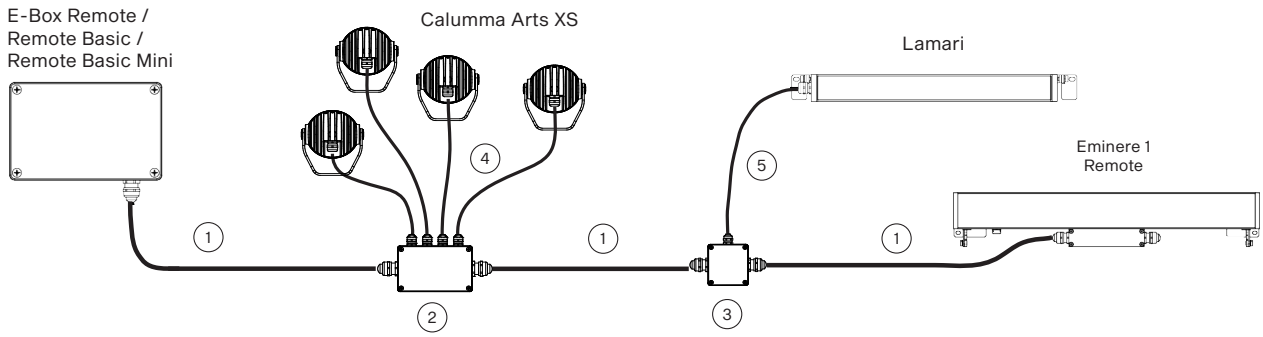
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



DMX/RDM SETUP WITH BARE-END FIXTURES

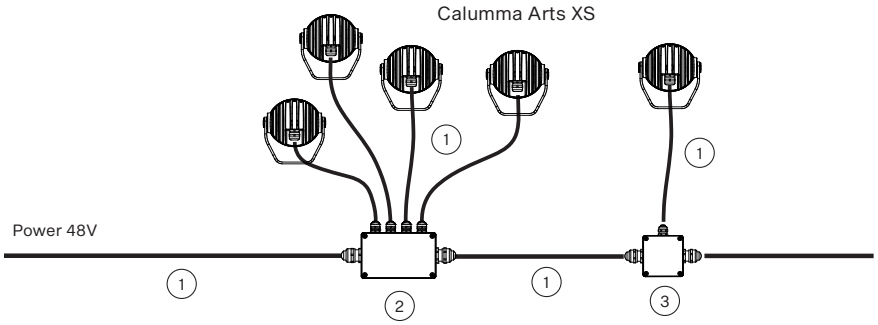
1) Cable SJTW (5x14 AWG), standard with bare-end, black (13053336)
2) Junction Box Remote (4x Output) - (10980716)
3) Junction Box Remote (1x Output) - (10980715)
4) Cable UL 20969 (5x20 AWG), black (13053481)
5) Cable (5x20 AWG), 0.5 m, with connector MINI-05 MM (13053935-03)

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



ON/OFF

1) Cable UL 20969 (5x20 AWG), black (13053481), black
2) Junction Box Remote (4x Output) - (10980716)
3) Junction Box Remote (1x Output) - (10980715)



CONNECTIVITY

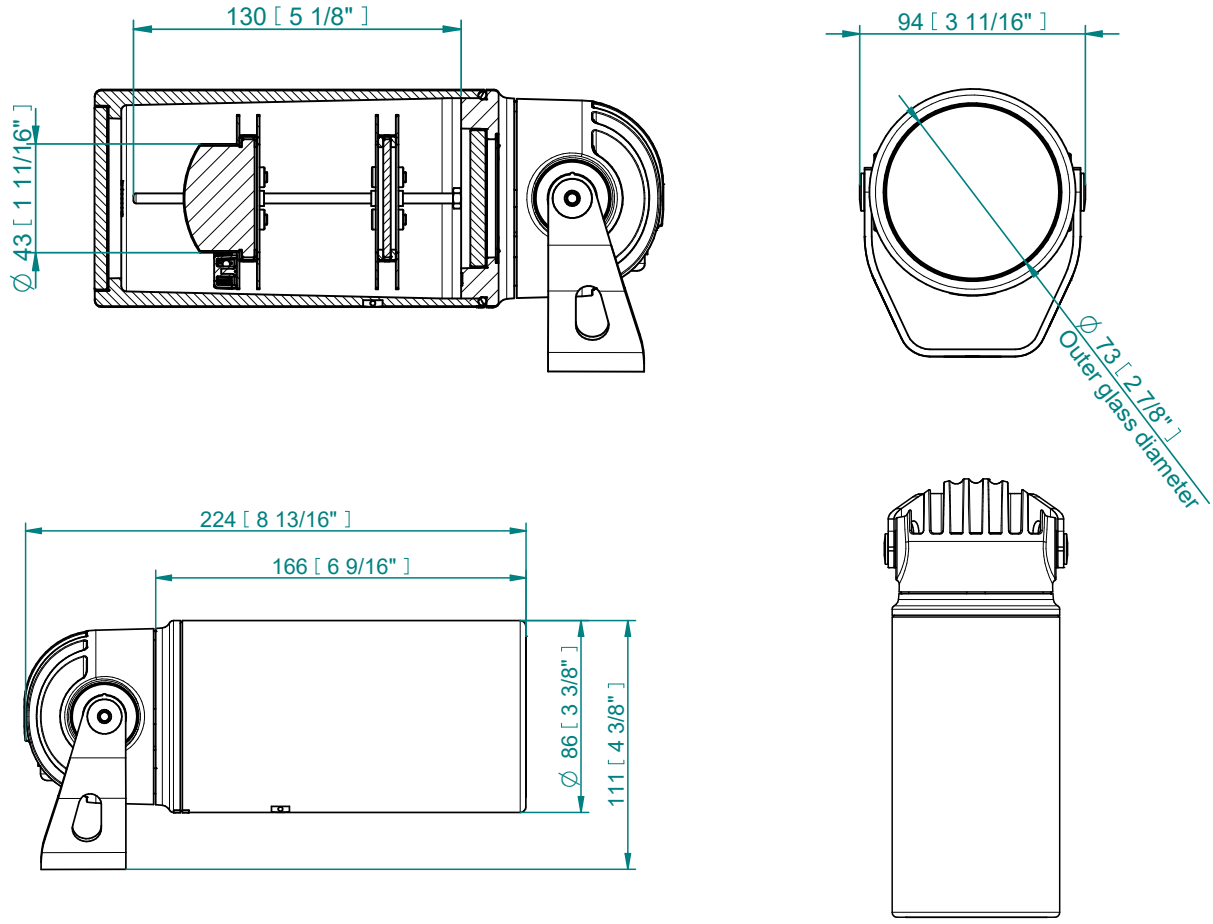
Following table shows maximum connected Calummas Arts XS SC in a row with respect of cable length.

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

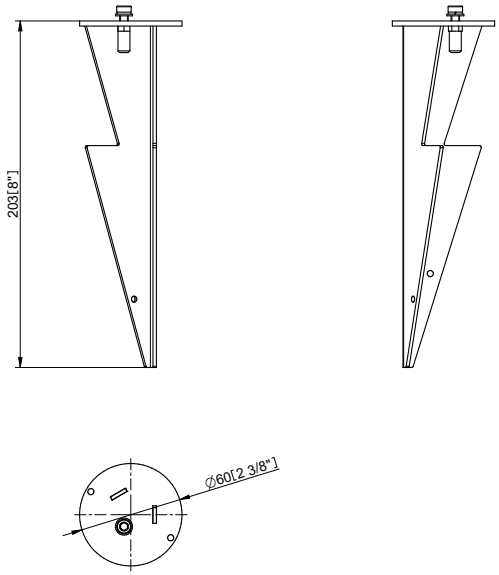
	Front (rear) - m²	Front (rear) ft²	Side - m²	Side - ft²	Top - m²	Top - ft²
Calumma Arts XS	0.006	0.07	0.02	0.22	0.02	0.22

DIMENSIONS

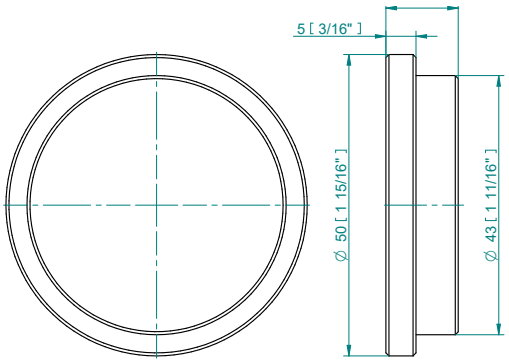


ACCESSORIES

Land Spike for Calumma XS

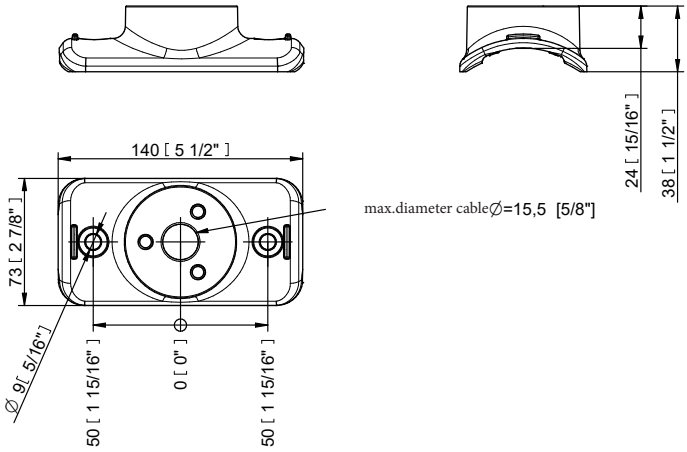


for Calumma XS



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

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



Floor Stand for Calumma Arts XS

