

# 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 four interchangeable lenses, nine 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 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



## COLOUR TEMPERATURE

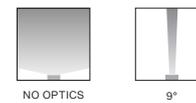
\* UPON REQUEST



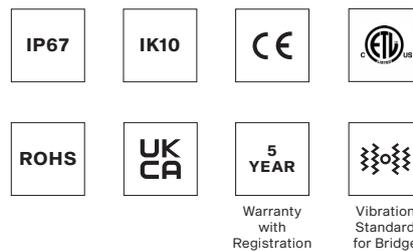
## CONTROL & PROTOCOLS



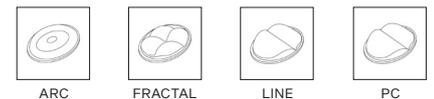
## OPTIC OPTIONS



## STANDARD & SPECIFICATION



## LENSES

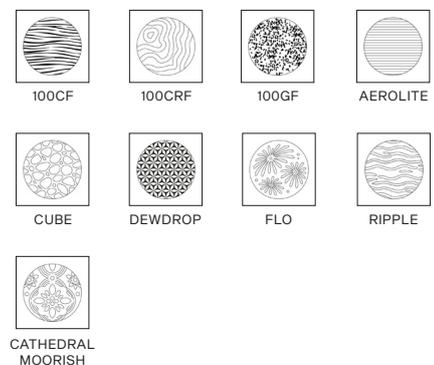


## FINISH OPTIONS

\* CLOSEST RAL TONE  
\* HE = Harsh Environment



## TEXTURED GLASS



**SPECIFICATION**

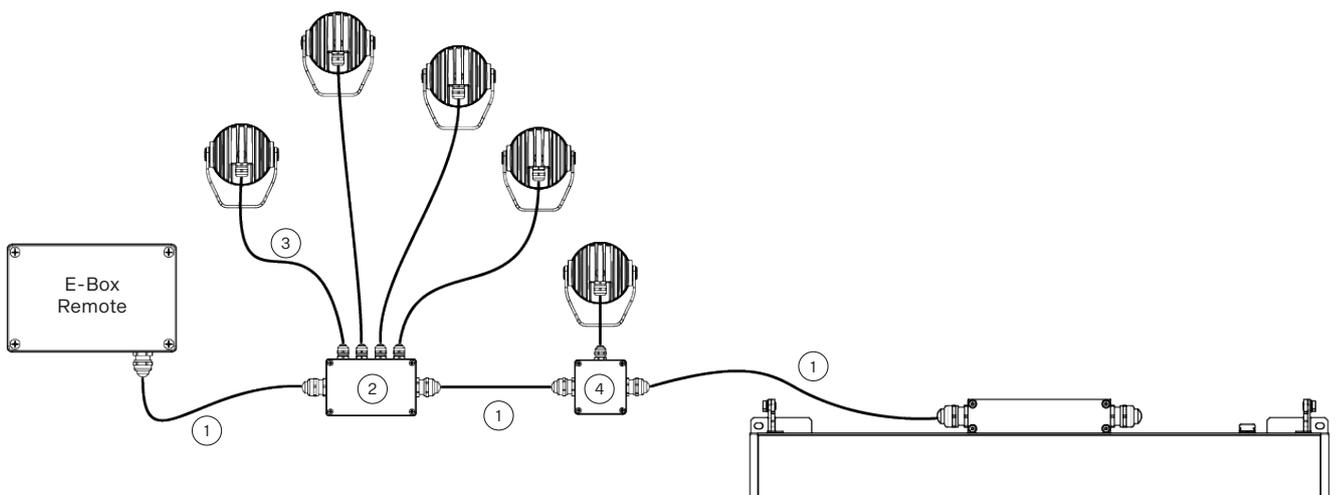
<b>ELECTRICAL</b>	Input Voltage	48 V		
	Typical Power Consumption	10 W +/-10 %		
<b>OPTICAL</b>	Light Source	High Power Multichip LED		
	Colour Variants	RGBW (W - 6500 K)   RGBA   PW (W - 3000 K) <b>On Request:</b> TW (3000–6500 K)		
	Beam Angle	9°   No Optics		
	Lumen Output Delivered	331 lm (@9°RGBW)		
	Projected Lumen Maintenance	L90B10 >90.000 hrs, Ta = 25°C / 77°F		
<b>CONTROL</b>	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 / addressing	E-box Remote, RDM communicator		
	Connectivity & Power Supply	E-Box Remote   Remote Basic		
<b>PHYSICAL</b>	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	<b>IN (for DMX, DALI):</b> - 1 m cable with bare end - Other cable length - custom - Junction box - optional	<b>IN (for E-Box Version):</b> - Cable (5x20 AWG) 0.5 m, with Connector MM	
	Mounting Method	Yoke or Yoke for Pole Adaptor		
	Adjustability	+180° / -180°		
	Protection Factor	IP67 (IP66 Junction Box) / Suitable For Wet Locations		
	IK Rating	IK10		
Cooling System	Convection			
Operating Ambient Temperature	-20°C / +50°C (-4°F / +122°F)			
<b>CERTIFICATION</b>	Listings	ETL / cETL, CE, RoHS, UKCA		
<b>ACCESSORIES</b>	<b>Not Included Items</b>	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)		
		<b>Lenses for Calumma Arts XS</b>	PC Lens   Fractal Lens   ARC Lens   Line Lens	
		<b>Textured Glass for Calumma Arts XS</b>	Aerolite Glass   DewDrop Glass   Flo Glass   Ripple Glass   Cube Glass   CF Glass   CRF Glass   GF Glass   Cathedral Moorish	

	Junction Box Remote (1x Output)
	Junction Box Remote (4x Output)
IN (1 m Cable with bare-end version)	Cable UL20969 5x20 AWG (black or white) - Calumma XS input cable
	Cable SJTW 5x14 AWG (black or white) - main connection between Junction Boxes
	Leader Cable FF 0.1 m CE AD-05
	Jumper Cable MM/FFCE AD-05 0.5 m   1 m   3 m   5 m
<b>ACCESSORIES</b>	T-connector FMF CE AB-AD-05
	Waterproof Cap for M connector AD-05
	Waterproof Cap for F connector AD-05
IN (0.5 m Cable 5x20 AWG with Connector MM version)	Cable SJTW 5x14 AWG (black or white) - main connection between Junction Boxes
	Connection Box Remote 1x Out (14 AWG–20 AWG)
	Connection Box Remote 2x Out (14 AWG–14 AWG & 20 AWG)
	Field Installable Connector FF DC-05 (for 5x14 AWG)
	Field Installable Connector FM DC-05 (for 5x14 AWG)

## CONTROL AND CONNECTION OPTIONS

### IN (1m Cable with bare-end)

- 1) SJTW 5x14 AWG (13053336), Standard with bare-end, black  
or on request Cable SJTW 5x14 AWG (13053697), with bare-end, white
- 2) Junction Box Remote (4x Output)
- 3) Cable UL 20969 5x20 AWG (13053481), black  
or on request Cable UL 20969 5x20 AWG (13053696), white
- 4) Junction Box Remote (1x Output)

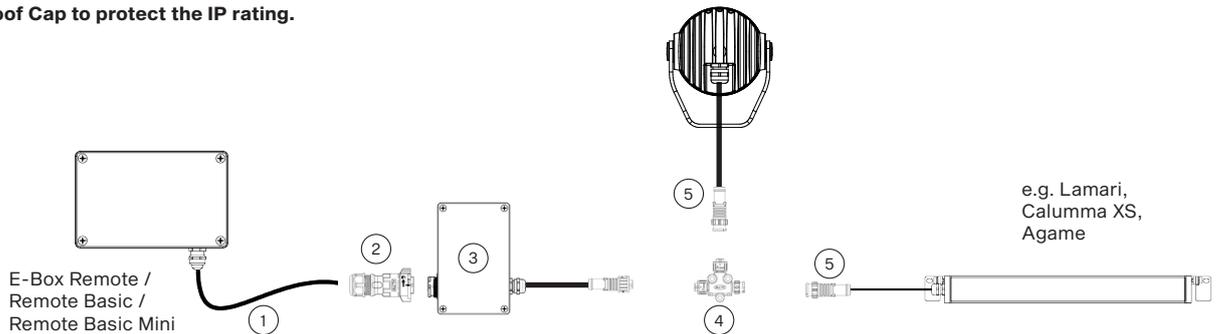


**CONTROL AND CONNECTION OPTIONS**

**IN (0.5 m Cable 5x20 AWG with Connector MM)**

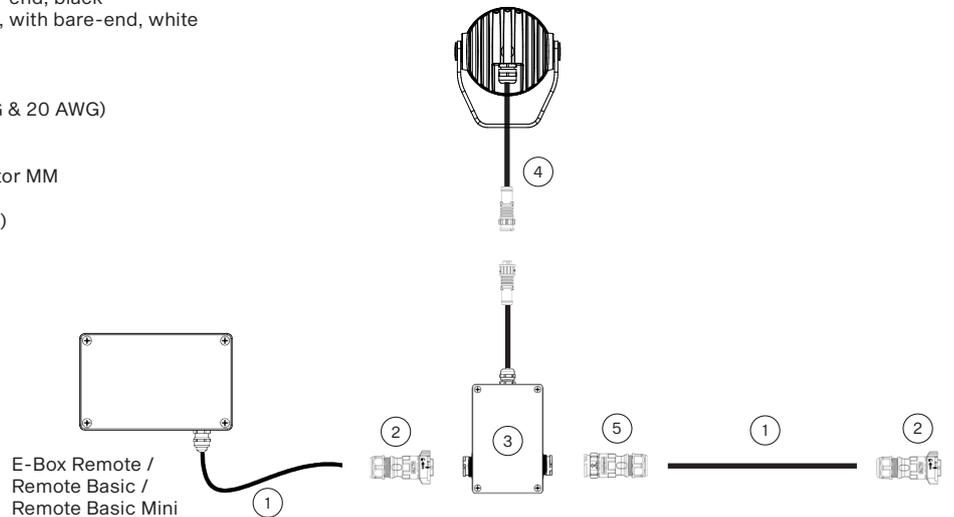
- 1) SJTW 5x14 AWG (13053693), Standard with bare-end, black or on request Cable SJTW 5x14 AWG (13053697), with bare-end, white
- 2) Field Installable Connector FF DC-05 (13053971)
- 3) Connection Box Remote 1x Out (14 AWG-to-20 AWG) Cable (5x20 AWG) 0.1m, with Connector FF
- 4) T-connector FMF (13053935)
- 5) Cable 5x20 AWG (13053481) 0.5 m, with Connector MM

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



- 1) SJTW 5x14 AWG (13053693), Standard with bare-end, black or on request Cable SJTW 5x14 AWG (13053697), with bare-end, white
- 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 (13053481) 0.5 m, with Connector MM
- 5) Field Installable Connector FM DC-05 (13053973)

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

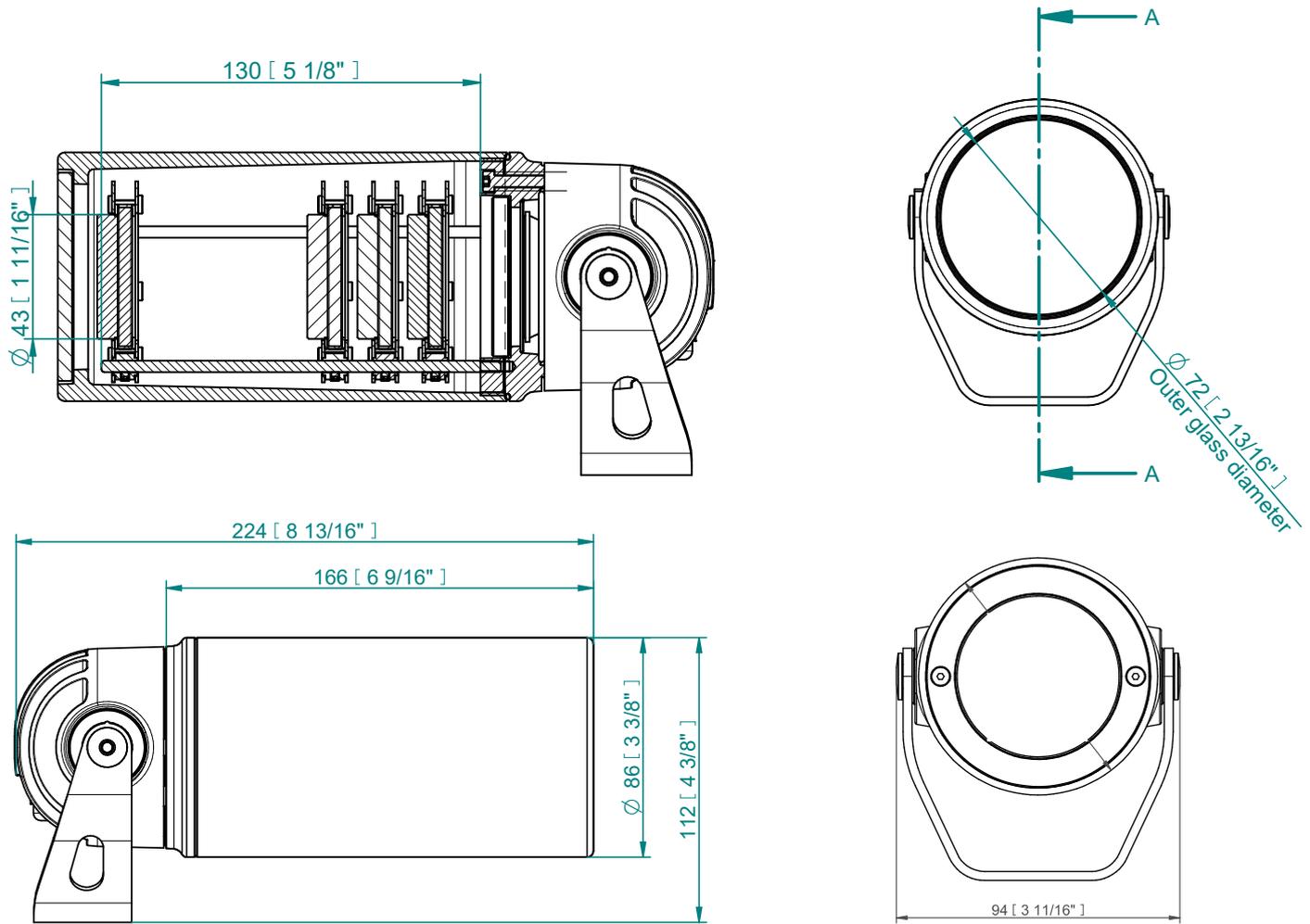


**CONNECTIVITY**

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
<b>50 m (max per 1 output)</b>	40 pcs	20 pcs
<b>100 m (total length, 2x output)</b>		20 pcs

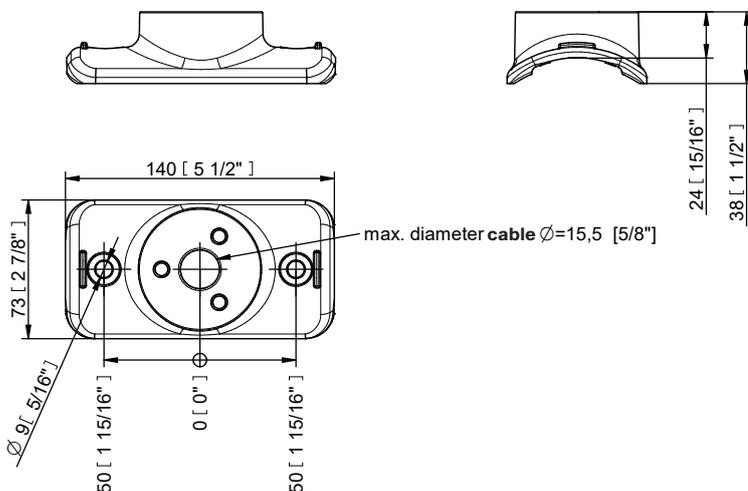
**DIMENSIONS**



**ACCESSORIES**

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

**Example of ordering code:** Calumma XS MC RGCW 15° PA



**Land Spike for Calumma XS**

