

CALUMMA™ UN XS SC

Built around one high-power single-chip LEDs and enclosed in a compact, refined, and durable housing, the smallest Calumma UN XS delivers precise performance in a minimal form factor. Equipped exclusively with a 5° optic, it produces a tightly focused beam with excellent control, making it ideal for wall grazing and subtle architectural accents. Suitable for both exterior and interior applications, and available in various white LED variants and compatible accessories, Calumma UN XS SC is an ultra-compact lighting solution designed for precise architectural integration.



KEY FEATURES

Lumen output & Light source

Luminaire with one high-power, single-chip LEDs provides up to 185 lumen output (@5°, PW 3000 K). No light spills.

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

With its ultra-narrow 5° optics, Calumma UN XS delivers a precise extra-tight beam that is ideal for wall grazing and highlighting textures such as stone, brick, or relief surfaces. Its compact size allows discreet installation in façades, narrow reveals, or for accenting fine architectural details with precise, controlled light.

COLOURS



Pure White



5°

OPTIC OPTIONS

COLOUR TEMPERATURE



3.000 K

CONTROL & PROTOCOLS



REMOTE / REMOTE BASIC



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

STANDARD & SPECIFICATION



IP67



IK10



CE



ENEC



ROHS



UK CA



5 YEAR

Warranty with Registration



VIBRATION

Vibration Standard for Bridge



RAL

Custom Paint Colour

SPECIFICATION

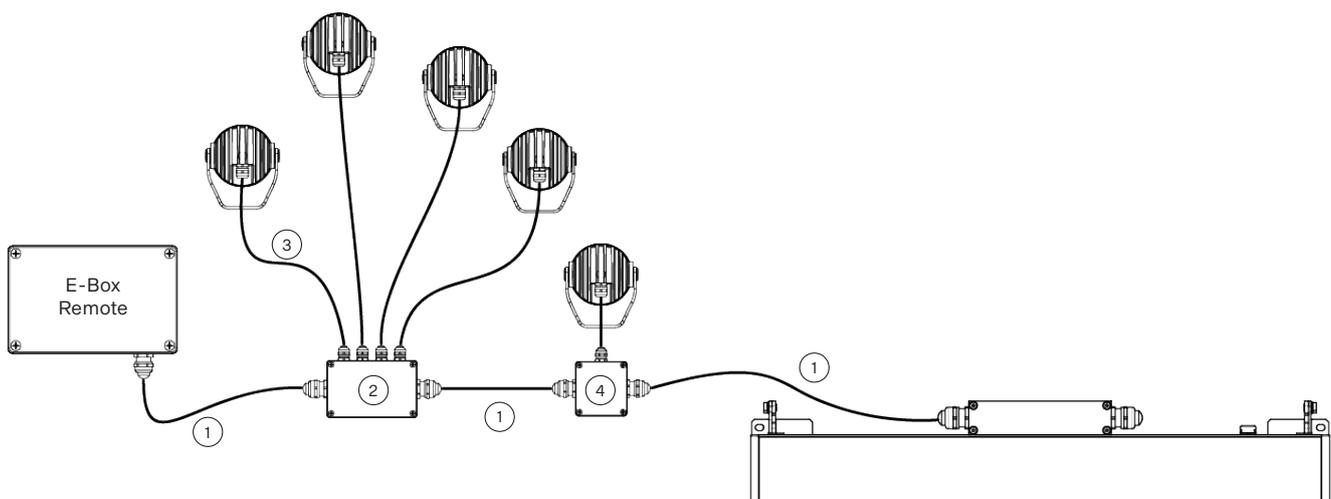
ELECTRICAL	Input Voltage	48 V		
	Typical Power Consumption	4 W		
OPTICAL	Light Source	High Power Single Chip LEDs		
	Colour Variants	PW (W - 3000 K)		
	Beam Angle	5°		
	Lumen Output Delivered	185 lm (@ 5°, PW 3000 K) TBC		
	Projected Lumen Maintenance	L90B10 >90.000 hrs, Ta = 25°C / 77°F		
CONTROL	Interface 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 / addressing	E-Box Remote, RDM communicator		
	Connectivity & Power Supply	E-Box Remote Remote Basic		
PHYSICAL	Width x Height x Depth	94 x 108 x 76 mm (3.7 x 4.2 x 2.99 in.)		
	Weight	0.6 kg 1.3 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	
	Cables / Connectivity	IN - 1 m cable with bare end - Other cable length - custom - Junction box - optional	IN	- 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)			
CERTIFICATION	Listings	ETL / cETL, CE, RoHS, UKCA		
ACCESSORIES	Not Included Items	Re-enterable Electrical Insulating Resin		
		Land Spike for Calumma XS		
		Top Hat Calumma XS		
		Half Top Hat Calumma XS		
		Twin Wall Cover Calumma XS		
		Pole Adaptor (ø 102mm) (Yoke for Pole Adaptor Required)		

	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
ACCESSORIES	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 (1 m cable with bare-end)

- 1) SJTW 5x14 AWG (13053693), Standard 1 m with bare-end, black
or on request Cable SJTW 5x14 AWG (13053697), with bare-end, white
- 2) Junction Box Remote (4xOutput)
- 3) Cable UL 20969 5x20 AWG (13053481), black
or on request Cable UL 20969 5x20 AWG (13053696), white
- 4) Junction Box Remote (1x Output)

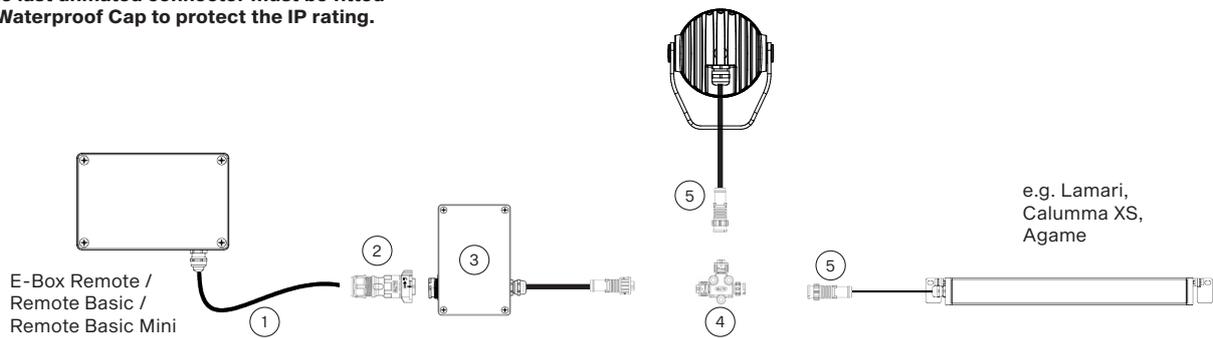


CONTROL AND CONNECTION OPTIONS

IN (0.5 m Cable 5x20 AWG with connector MM)

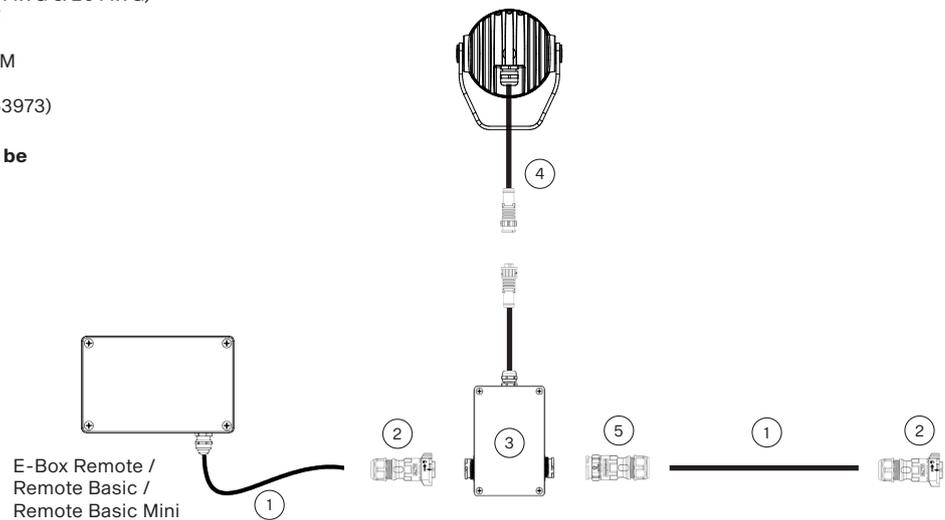
- 1) SJTW 5x14 AWG (13053693), Standard 1 m with bare-end, black or on request Cable SJTW 5x14 AWG (13053697), white
- 2) Field Installable Connector FF DC-05 (13053971)
- 3) Connection Box Remote 1x Out (14 AWG–20 AWG) Cable (5x20 AWG) 0.1 m, with Connector FF
- 4) T-connector FMF, (13053935)
- 5) Cable (5x20 AWG) 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 1 m with bare-end, black or on request Cable SJTW 5x14 AWG (13053697), 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) 0.5 m, with Connector MM
- 5) Field Installable Connector FM DC-05 (13053973)

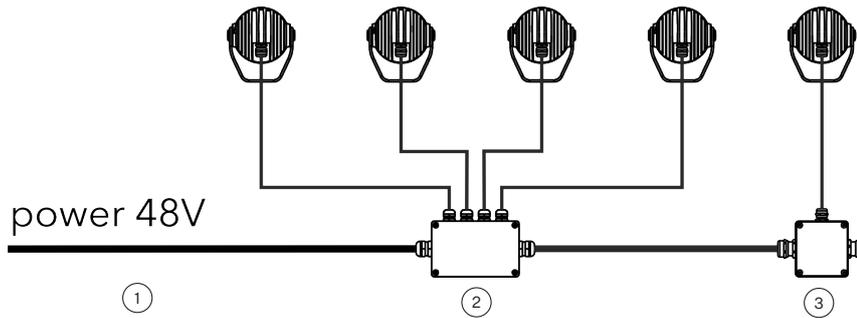
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



CONTROL AND CONNECTION OPTIONS

ON/OFF

- 1) Cable UL 20969 5x20 AWG (13053481), black
or on request Cable UL 20969 5x20 AWG (13053696), white
- 2) Junction Box Remote (4x Output)
- 3) Junction Box Remote (1x Output)



CONNECTIVITY

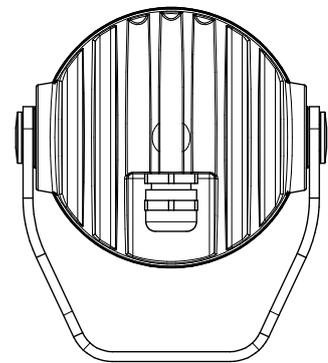
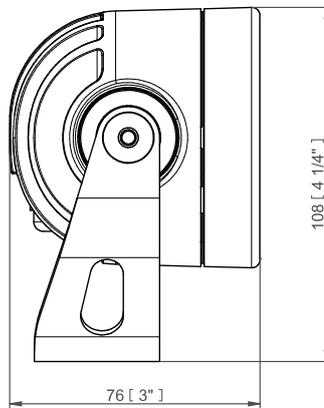
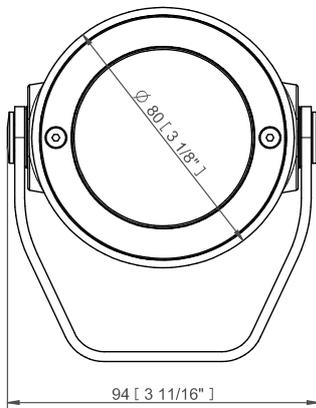
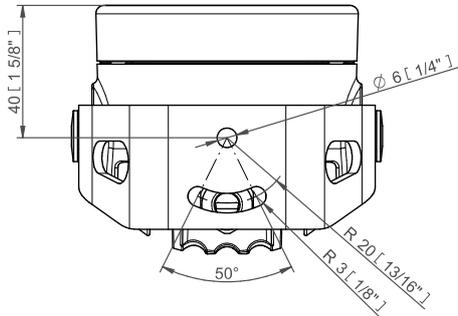
Following table shows maximum connected Calummas XS SC in a row with respect of cable length.

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

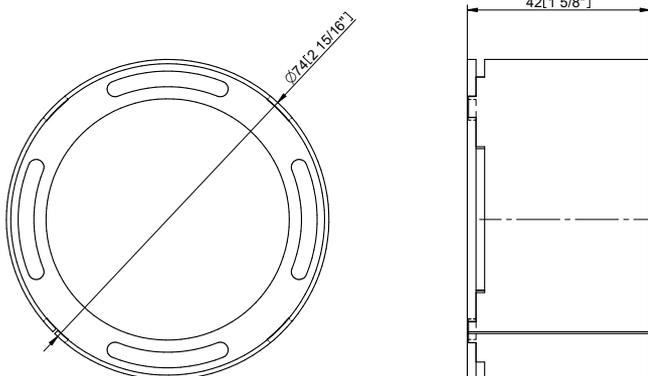
	Front (rear) - m ²	Front (rear) ft ²	Side - m ²	Side - ft ²	Top - m ²	Top - ft ²
Calumma XS	0,006	0,065	0,007	0,070	0,006	0,065
with Top Hat	0,006	0,065	0,014	0,151	0,014	0,151
with Half Top Hat	0,006	0,065	0,008	0,082	0,014	0,151

DIMENSIONS

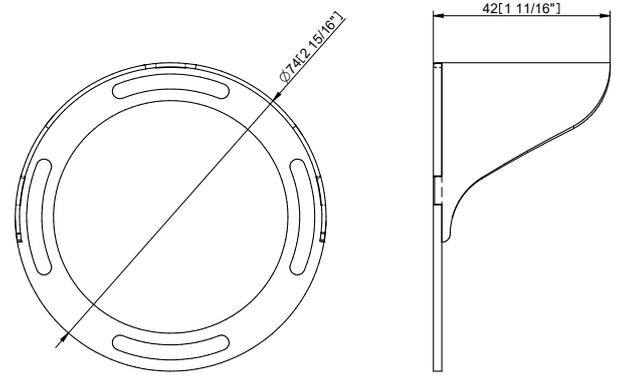


ACCESSORIES

Top Hat

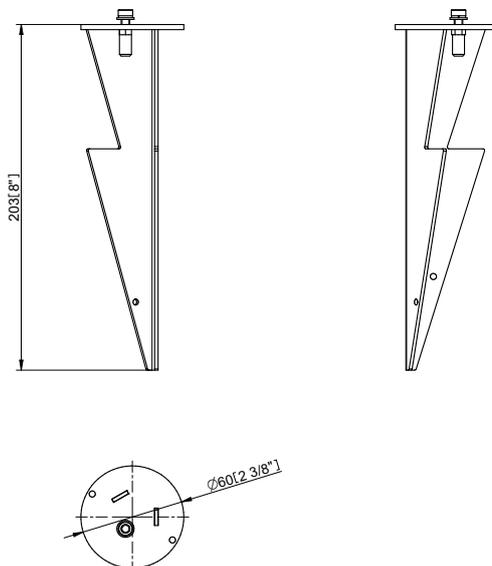


Half Top Hat



ACCESSORIES

Land Spike for Calumma XS



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

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

