

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 2.5°, 3.5°, 5° and 7° optics, 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 1 LED (5° / 7°, ø32 mm) and 1 LED (2.5° / 3.5°, ø45 mm) delivers 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 2.5°, 3.5°, 5° and 7° 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

STANDARD



UPON REQUEST

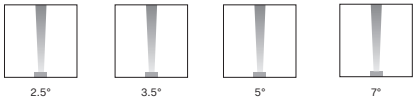


AVAILABLE COLOURS
FOR CUSTOM SETUP

CONTROL & PROTOCOLS



OPTIC OPTIONS



FINISH OPTIONS

* CLOSEST RAL TONE
* HE = Harsh Environment



STANDARD & SPECIFICATION



SPECIFICATION

ELECTRICAL	Input Voltage	48 V	
	Typical Power Consumption	4 W +/-10 %	
OPTICAL	Light Source	1 High Power Single Chip LED (2.5°, 3.5°)	1 High Power Single Chip LED (5°, 7°)
	Colour Variants	PW (W - 3000 K)	
	Beam Angle	2.5° 3.5° 5° 7°	
	Lumen Output Delivered	185 lm (@ 5°, PW 3000 K) TBC	
	Projected Lumen Maintenance	L90B10 >90.000 hrs, Ta = 25°C / 77°F	
	LED Diameter	LED (2.5°, 3.5°), ø 45 mm	LED (5°, 7°), ø 32 mm
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 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
	Cabels / 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)	

ACCESSORIES	DMX/RDM SETUP WITH CONNECTORS	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)
		T-connector MINI-05 MFF (13053941-01)
		T-connector MID-05 MFF (13054130)
		Field Installable Connector MID-05 MM (14–22 AWG) - (13054126)
		Adaptor MINI2MID (13054150)
		Adaptor MID2MINI (13054149)
		Waterproof Cap for connector MINI-05 FF (13053943)
		Cable SJTW (5x14 AWG), standard with bare-end, black (13053336)
		Cable SJTW (5x14 AWG), standard with bare-end, white (on request) - (13053697)
Not Included Items	DMX/RDM SETUP WITH BARE-END FIXTURES	Jumper Cable CE/US MID-05 MM/FF (14 AWG) - 0.5/1/3/5/10 m
		Jumper Cable MINI-05 FF/MM (20 AWG), 0.5 m (13053937-02) - 0.5/1/3/5/10 m
		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

MINI Connector Wiring Diagram

- 1)

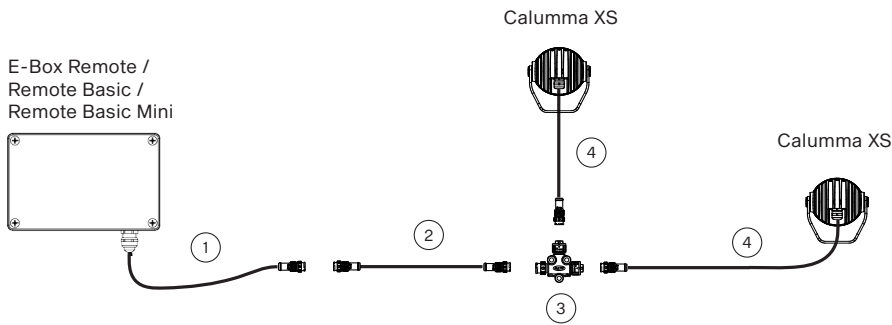
Cable CE (5x20 AWG), 0.1 m, with connector MINI-05 FF (13053978)
- 2)

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)

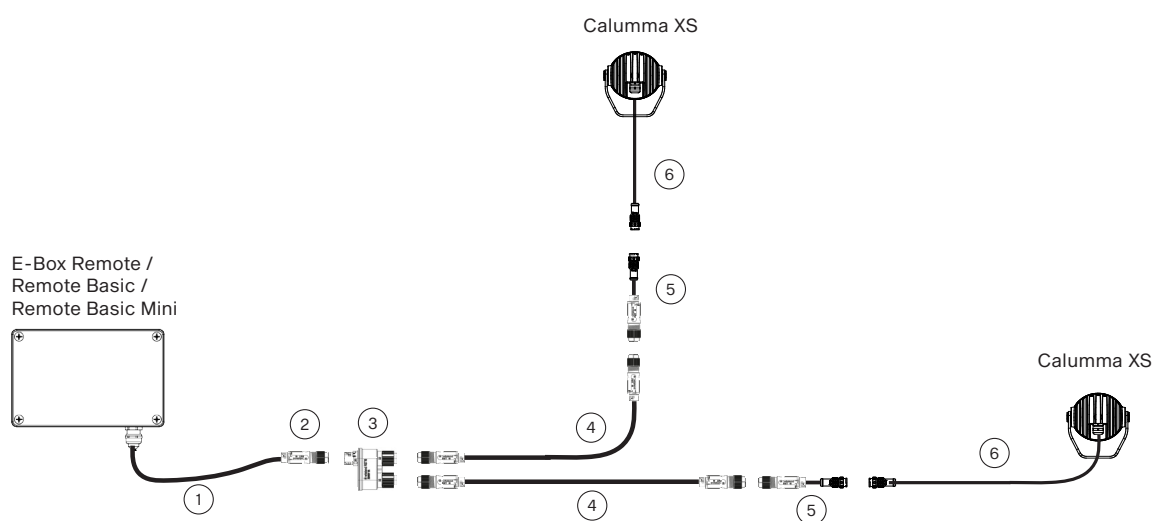
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



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)

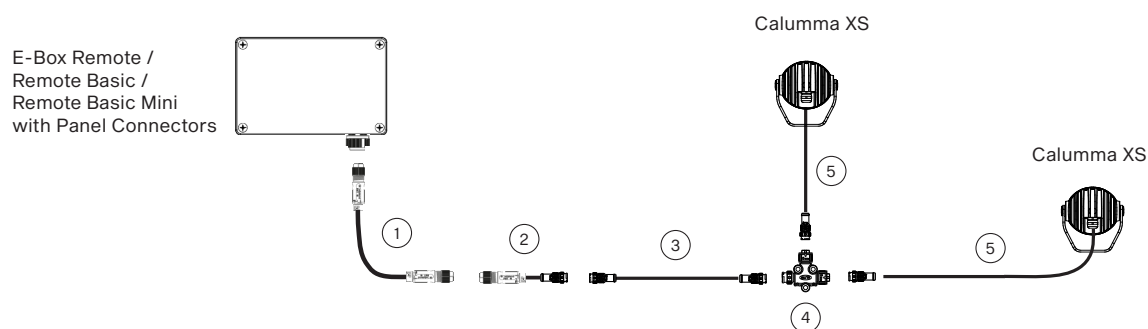
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



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)

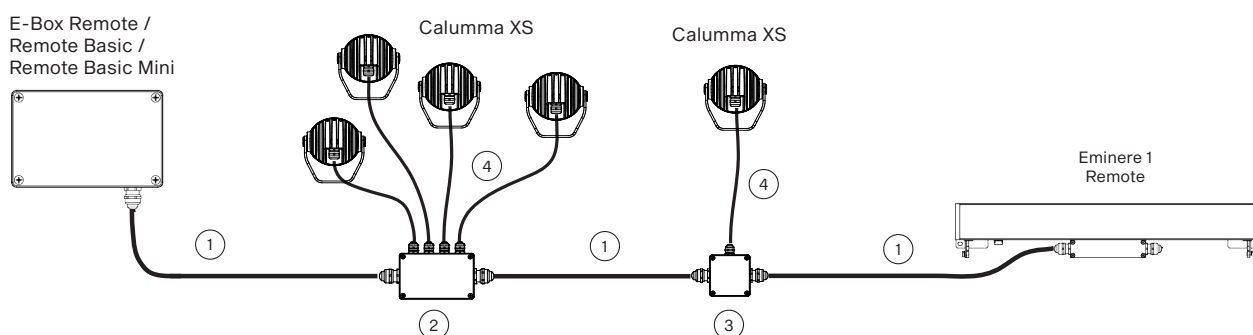
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



DMX/RDM SETUP WITH BARE-END FIXTURES

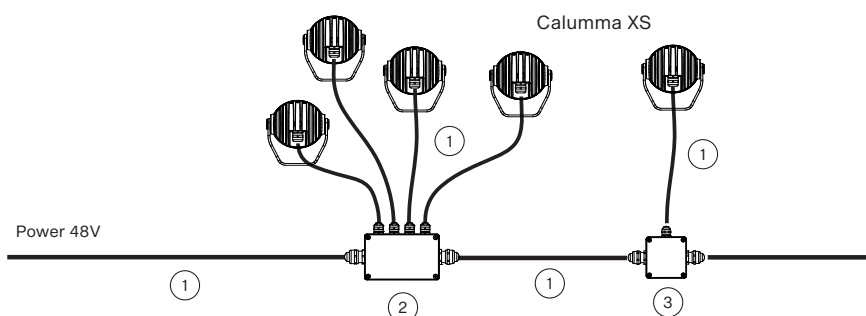
- 1) Cable SJTW (5x14 AWG), standard with bare-end, black (13053336)
- 2) Junction Box Remote (4x Output) - (10980716)
- 3) Junction Box Remote (1x Output) - (10980715)
- 4) Cable UL 20969 (5x20 AWG), black, (13053481)

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 (13053481), black
- 2) Junction Box Remote (4x Output) - (10980716)
- 3) Junction Box Remote (1x Output) - (10980715)

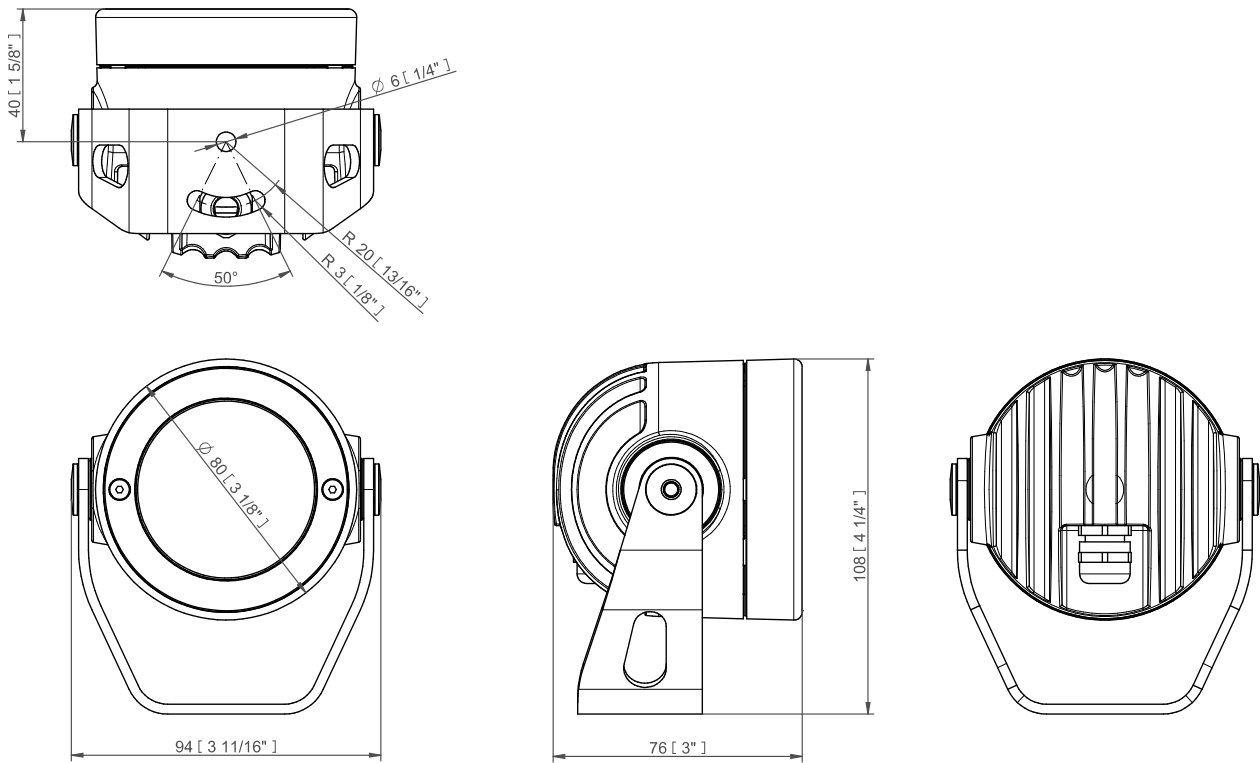


CONNECTIVITY

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

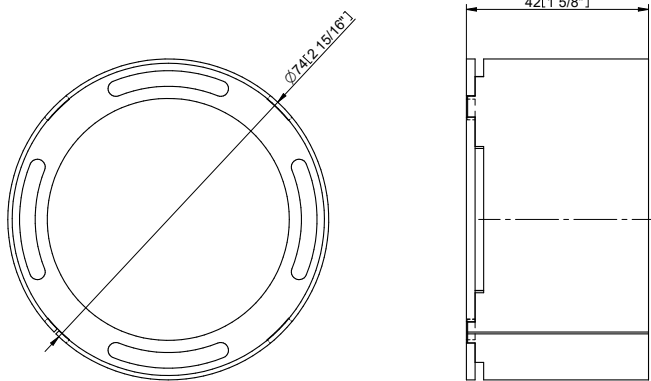
Cable length	Per E-Box Remote	Per 1 LED output
50 m (max per 1 output)	40 pcs	20 pcs
100 m (total length, 2x output)		20 pcs

DIMENSIONS

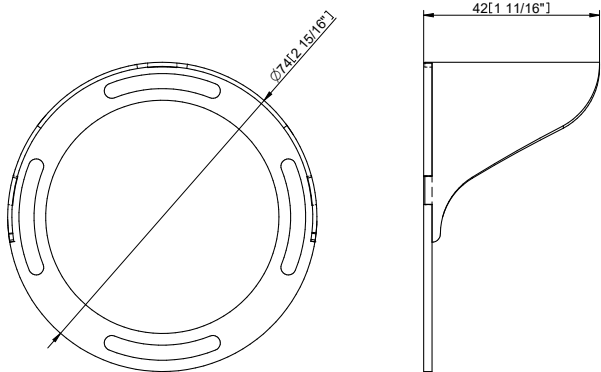


ACCESSORIES

Top Hat

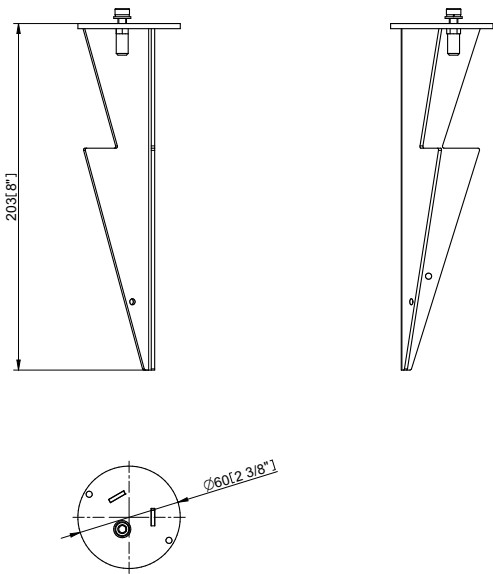


Half Top Hat



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

