CALUMMA™ ARTS S SC

Featuring an artistic optical design with nineteen high-efficacy single--chip LEDs, Calumma S SC delivers powerful and expressive light with a distinctive artistic character. It offers 3 interchangeable lenses and 11 textured glass options, which can be freely combined and adjusted directly on site, allowing lighting designers to fine-tune the effect for each installation and create virtually endless lighting possibilities. Its durable housing is built to withstand harsh and marine environments, providing an elegant and robust solution for outdoor architectural applications.



KEY FEATURES

Lumen output & Light source
Luminaire with nineteen high-power, single-chip LEDs provides up to 1958 lumen output (@10°, RGBW). Multiple LED colour variants. Well homogenised light output with great efficacy up to 65 lm/w.

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

Flexibility
Exceptional indoor and outdoor LED luminaire featuring three interchangeable lenses and nine textured glass options. Effects can be adjusted directly on site, offering virtually endless lighting possibilities.

Connectivity
Calumma Arts S SC can be connected via an E-Box for almost effortless installation. DMX512+RDM and wide range of Ethernet protocols are available for E-Box control. DMX/RDM or DALI 2 interface protocols facilitate standard connection options.

COLOURS

STANDARD

RGBW (6500 K)
RGBA
PW (3000 K)
TW (2200-3000 K)

UPON REQUEST

AVAILABLE COLOURS FOR CUSTOM SETUP

RED
GREEN
BLUE
AMBER
2.200 K
2.700 K
3.000 K
4.000 K
6.500 K

CONTROL & PROTOCOLS

DMX RDM — OPTIONAL
VIA E-BOX — OPTIONAL
DALI — OPTIONAL
ON OFF — PW & SINGLE COLOUR ONLY

STANDARD & SPECIFICATION

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

OPTIC OPTIONS

NO OPTICS
10°

LENSES

ARC
FRACTAL
LINE

TEXTURED GLASS

AEROLITE
CATHEDRAL
CUBE
DEWDROP
DIAMOND
FLORENTINE
FLUTES
HAMMERED
MATRIX
RIPPLE
STREAM

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

SPECIFICATION

ELECTRICAL	Input Voltage	120–277 V AC 50/60 Hz (US)	
	Typical Power Consumption	30 W +/-10 %	
OPTICAL	Light Source	High Power Single Chip LEDs	
	Colour Variants	RGBW (W - 6500 K) | RGBA | Pure White (W - 3000 K) | Tuneable White (2200–3000 K)	
		Custom Setup On Request: Red, Green, Blue, Amber, 2200 K, 2700 K, 3000 K, 4000 K, 6500 K	
	Beam Angle	10° | No Optics	
	Lumen Output Delivered	1958 lm (@ 10°, RGBW) TBC	
	Projected Lumen Maintenance	L90B10 >90.000 hrs, Ta = 25°C / 77°F	
CONTROL	Interface Protocol	DMX/RDM, DALI 2 or ON/OFF (PW & single colour only)	
	DALI 2 Device Type	DT 8	
	Control System	Third Party DMX Controllers	
	Operating Modes	DMX, Stand-alone	
	Settings / Addressing	E-Box, RDM communicator	
	Power Supply	Integrated	
PHYSICAL	Width x Height x Depth	190 x 196 x 278 mm (7.5 x 7.7 x 10.9 in.)	
	Weight	5.1 kg | 11.2 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 / Connections	**IN (for DMX, DALI):**	- 1 m cable with bare end - Other cable length - custom - Junction box - optional
	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**	Junction Box for Calumma S–XL / Eminere (CE or US)	
		Re-enterable Electrical Insulating Resin	
		Land Spike for Calumma S	
		Floor Stand for Calumma Arts S	
		Pole Adaptor (ø 102 mm) (Yoke for Pole Adaptor Required)	
		Strap Wrench for Calumma Arts S, M	
		Clear Glass for Calumma Arts S	
		Lenses for Calumma Arts S	Fractal Lens | ARC Lens | Line Lens
		Textured Glass for Calumma Arts S	Hammered Glass | Diamond Glass | Matrix Glass | Cube Glass | DewDrop Glass | Florentine Glass | Cathedral Glass | Ripple Glass | Stream Glass | Aerolite Glass | Flutes Glass

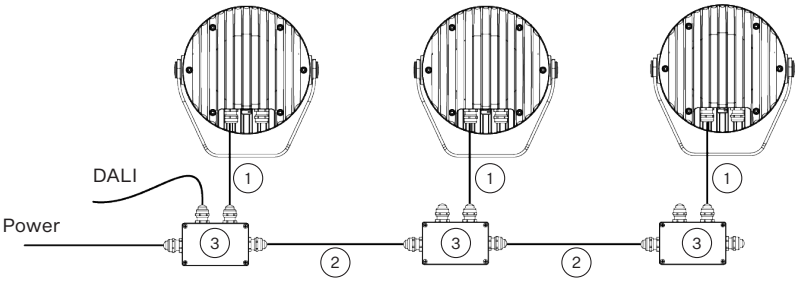
CONTROL AND CONNECTION OPTIONS - CE

DALI

1) Hybrid Cable (13053693) Standard 1 m with bare-end, black or on request Hybrid cable (13053697), 1 m with bare-end, white

2) Hybrid Cable (13053693) Standard 1 m with bare-end, black or on request Hybrid cable (13053697), 1 m with bare-end, white or Scope of Others

3) Junction Box

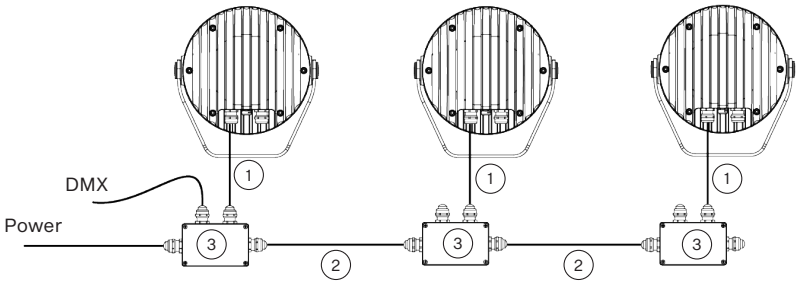


DMX

1) Flamar 3x16 AWG + 1x(2x24 AWG) Standard 1 m with bare-end, (13051508), black or Hybrid Cable HYB-5731ZH LSZH (13053694), white

2) Flamar 3x16 AWG + 1x(2x24 AWG), (13051508), black or Hybrid Cable HYB-5731ZH LSZH (13053694), white or Scope of Others

3) Junction Box



DMX WITH JUNCTION BOX FOR CALUMMA S / EMINERE (CE)

1) Leader Cables FF - 2 | 5 | 10 | 25 | 50 m

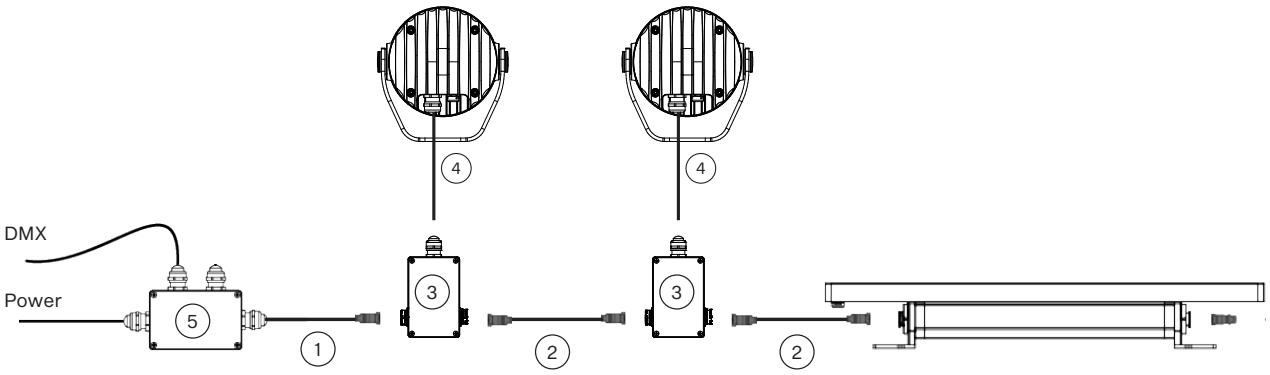
2) Jumper Cables FF/FM - 0.25 | 0.5 | 1 | 2 | 3 | 5 | 10 m

3) Junction Box for Calumma S–XL / Eminere CE (10981268 for RAL9011)

4) Flamar 3x16 AWG + 1x(2x24 AWG) Standard 1 m with bare-end (13051508), black or Hybrid Cable HYB-5731ZH LSZH (13053694), white

5) Junction Box

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

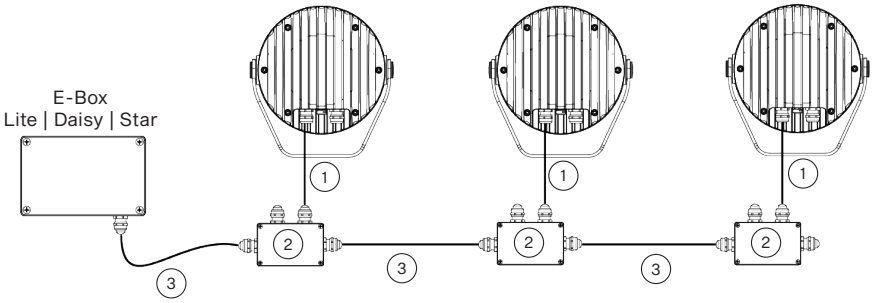


CONTROL AND CONNECTION OPTIONS - CE

DMX or ETHERNET via E-BOX

1) Flamar 3x16 AWG + 1x(2x24 AWG) - (13051508), Standard 1 m with bare-end, black or HYB-5731ZH LSZH (13053694), Hybrid Cable, white
2) Junction Box
3) Flamar 3x16 AWG + 1x(2x24 AWG) - (13051508), black or HYB-5731ZH LSZH (13053694), Hybrid Cable, white or Scope of Others

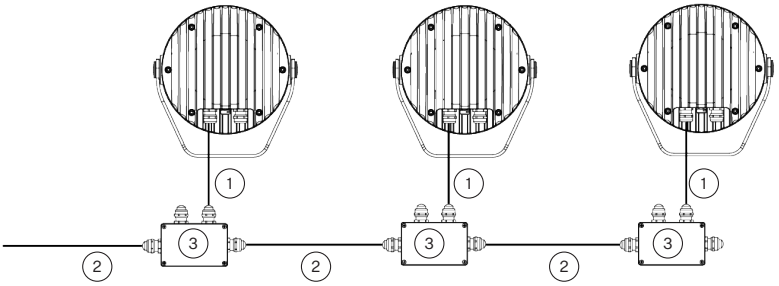
Note: This type of connection is available for S, M, L, and XL versions. E-Box has to be in Pass Through mode only.



ON/OFF

1) H07RN-F 3G 1.5 (13050919), 3-cored cable, Standard 1 m with bare-end, black
2) H07RN-F 3G 1.5 (13050919), 3-cored cable, Standard 1 m with bare-end, black or Scope of Others
3) Junction Box or Scope of Others

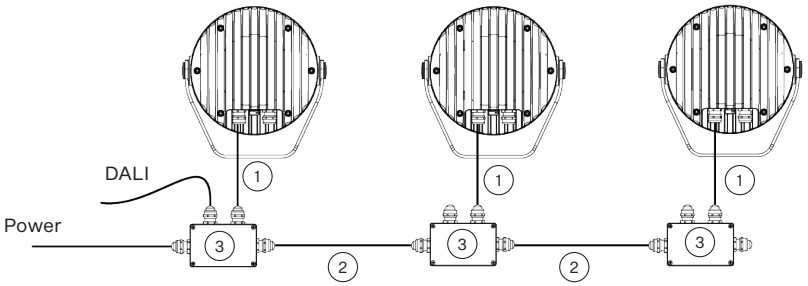
Note: This type of connection is available for Pure White and single color version only. Non dimmable.



CONTROL AND CONNECTION OPTIONS - US

DALI

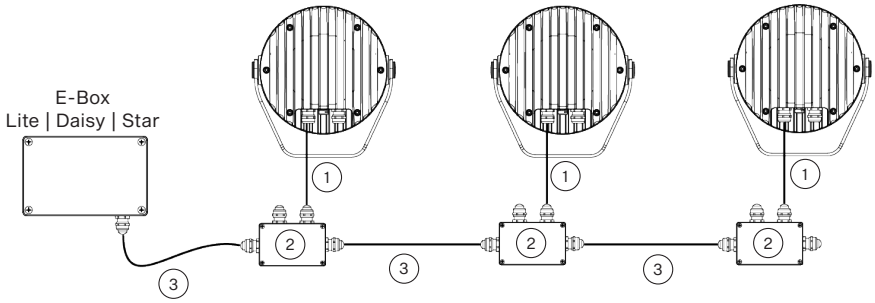
1) SJTW 5x14 AWG (13053693), Standard 1 m with bare-end, black or Cable SJTW 5x14 AWG (13053697), white
2) SJTW 5x14 AWG (13053693), black or Cable SJTW 5x14AWG (13053697), white or Scope of Others
3) Junction Box



DMX or ETHERNET via E-BOX

1) SJTW 6x14 AWG (13053480) Standard 1 m with bare-end, black or Cable SJTW 6x14 AWG (13053695), white
2) Junction Box
3) SJTW 6x14 AWG (13053480), black or Cable SJTW 6x14 AWG (13053695), white or Scope of Others

Note: This type of connection is available for S, M, L, and XL versions. E-Box has to be in Pass Through mode only.

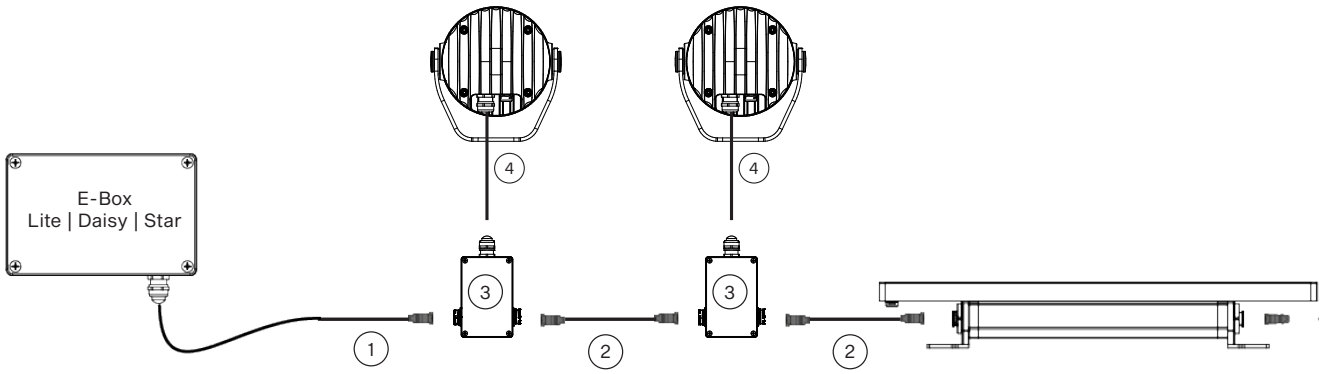


CONTROL AND CONNECTION OPTIONS - US

DMX WITH JUNCTION BOX FOR CALUMMA S / EMINERE (US)

1) Leader Cables FF - 2 | 5 | 10 | 25 | 50 m
2) Jumper Cables FF/FM - 0.25 | 0.5 | 1 | 2 | 3 | 5 | 10 m
3) Junction Box for Calumma S–XL / Eminere US (10981269 for RAL9011)
4) SJTW 6x14 AWG (13053480), Standard 1 m with bare-end, black
   or Cable SJTW 6x14 AWG (13053695), white

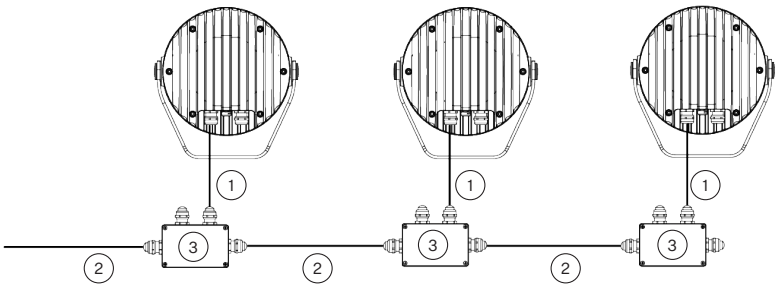
Note: The last unplugged connector must be fitted with a Waterproof Cap to protect the IP rating.



ON/OFF

1) SEOOW power 3x16 AWG (13051558-01),
   3-cored cable, Standard 1 m with bare-end, black
2) SEOOW power 3x16 AWG (13051558-01), 3-cored cable,
   Standard 1 m with bare-end, black
   or Scope of Others
3) Junction Box or Scope of Others

Note: This type of connection is available for Pure White & single color version only. Non dimmable.



CONNECTIVITY

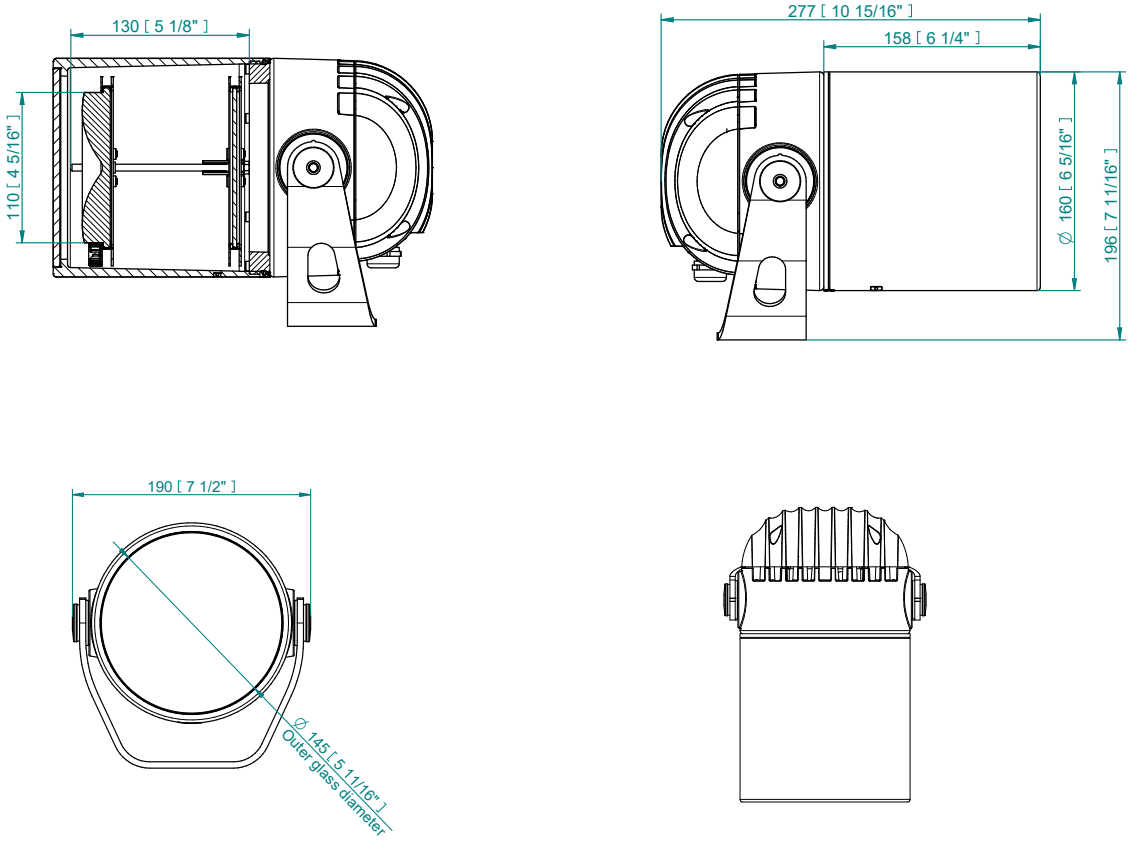
Following table shows maximum connected Calummas Arts S SC in a row with respect of cable length.

	Cable length (m)	Voltage (V)			
		120	190	230	277
CALUMMA ARTS S SC	10	32	32	32	32
	20	32	32	32	32
	30	32	32	32	32
	50	26	32	32	32
	70	18	32	32	32
	100	13	32	32	32

PROJECTED AREA

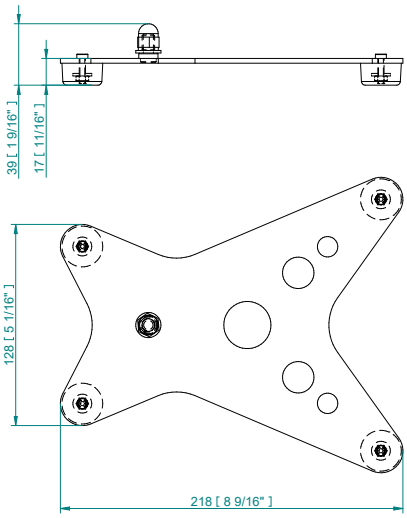
	Front (rear) - m²	Front (rear) ft²	Side - m²	Side - ft²	Top - m²	Top - ft²
Calumma Arts S	0.021	0.23	0.044	0.48	0.043	0.47

DIMENSIONS

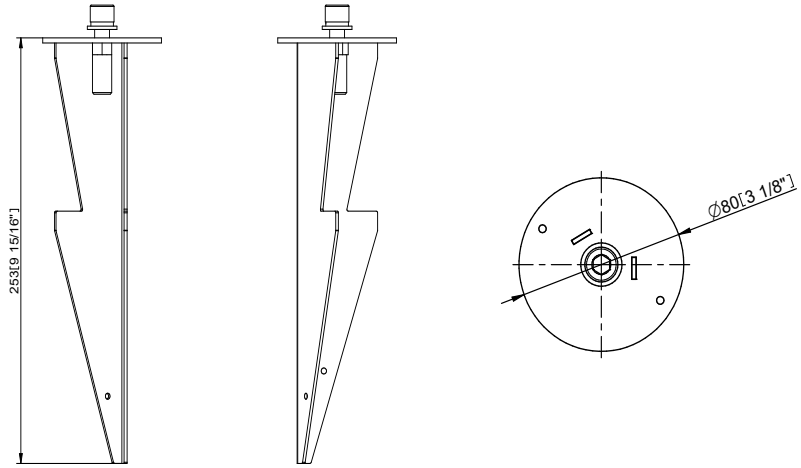


ACCESSORIES

Floor Stand for Calumma Arts S



Land Spike for Calumma (S, M, L, XL)



Pole Adaptor

