

# 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 four interchangeable lenses and nine 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 and IK10 certification; suitable for marine applications (Harsh Environment Finish required) and traffic applications. Supported with a 5 year warranty.

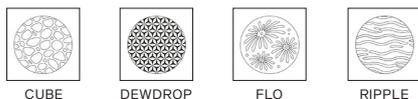
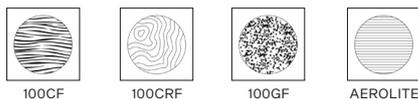
### Flexibility

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.

## TEXTURED GLASS



CATHEDRAL MOORISH

## COLOURS

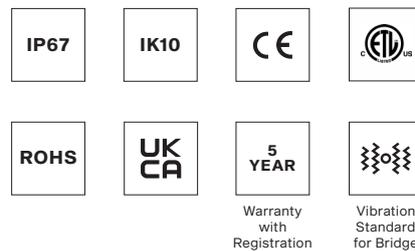
\* UPON REQUEST



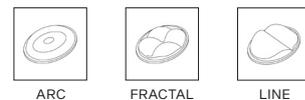
## CONTROL & PROTOCOLS



## STANDARD & SPECIFICATION

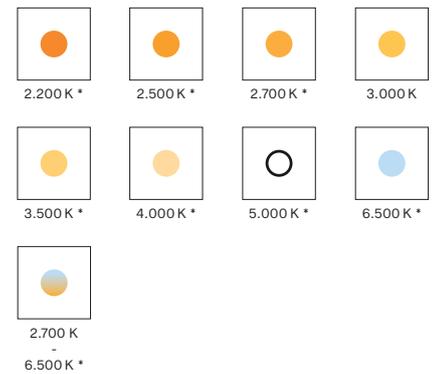


## LENSES

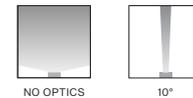


## COLOUR TEMPERATURE

\* UPON REQUEST



## OPTIC OPTIONS



## FINISH OPTIONS

\* CLOSEST RAL TONE  
\* HE = Harsh Environment



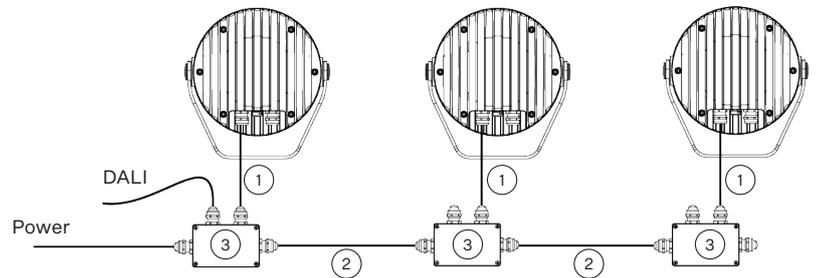
**SPECIFICATION**

<b>ELECTRICAL</b>	Input Voltage	120–277 V AC 50/60 Hz (US)		
	Typical Power Consumption	30 W +/-10 %		
<b>OPTICAL</b>	Light Source	High Power Single Chip LEDs		
	Colour Variants	RGBW (W - 6500 K)   RGBA   PW (W - 3000 K) <b>On Request:</b> TW (2700–6500 K), 2200 K, 2500 K, 2700 K, 3500 K, 4000 K, 5000 K, 6500 K		
	Beam Angle	10°   No Optics		
	Lumen Output Delivered	1958 lm (@ 10°, RGBW) <b>TBC</b>		
	Projected Lumen Maintenance	L90B10 >90.000 hrs, Ta = 25°C / 77°F		
<b>CONTROL</b>	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		
<b>PHYSICAL</b>	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	<b>IN (for DMX, DALI):</b>	- 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 / 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>	Junction Box for Calumma S–XL / Eminere (CE or US)		
		Re-enterable Electrical Insulating Resin		
		Land Spike for Calumma S		
		Floor Stand for Calumma S, M		
		Pole Adaptor (ø 102 mm) (Yoke for Pole Adaptor Required)		
		<b>Lenses for Calumma Arts S</b>	Fractal Lens   ARC Lens   Line Lens	
		<b>Textured Glass for Calumma Arts S</b>	Aerolite Glass   DewDrop Glass   Flo Glass   Ripple Glass   Cube Glass   CF Glass   CRF Glass   GF Glass   Cathedral Moorish	

**CONTROL AND CONNECTION OPTIONS - CE**

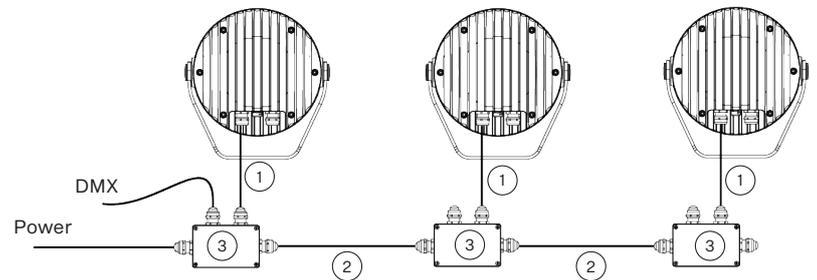
**DALI**

- 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**

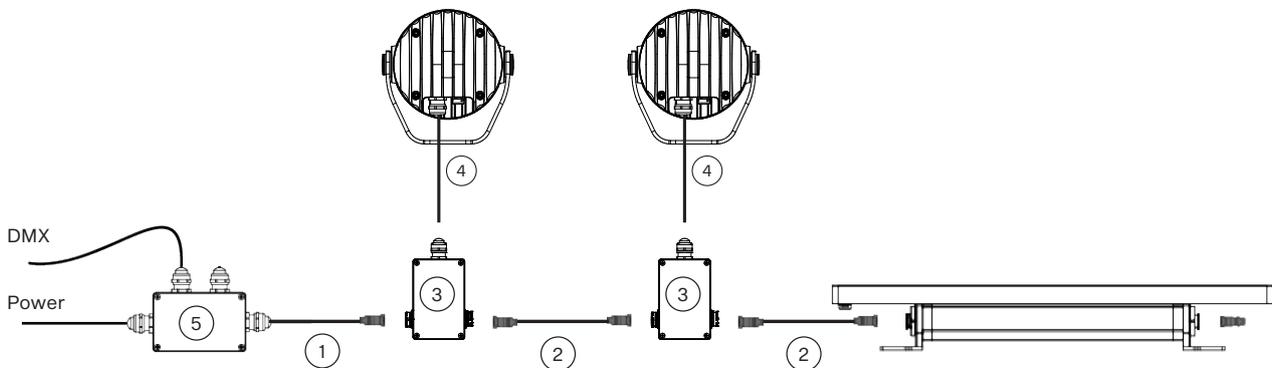
- 1) Flamar 3x16 AWG + 1x(2x24 AWG) Standard 1 m with bare-end, (13051508), black or Hybrid Cable HYB-5731ZH LSZH (13053694), white
- 2) Flamar 3x16 AWG + 1x(2x24 AWG), (13051508), black or Hybrid Cable HYB-5731ZH LSZH (13053694), white or Scope of Others
- 3) Junction Box



**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.**

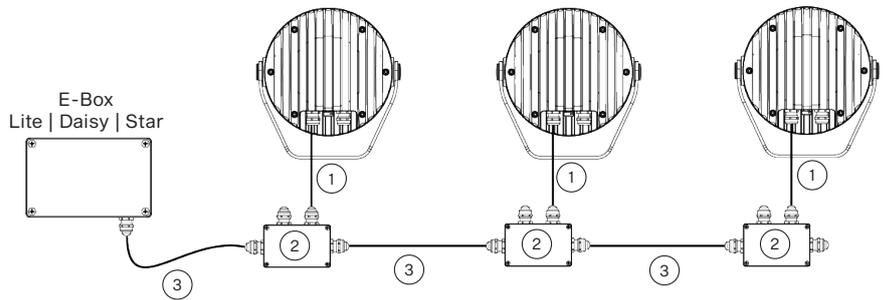


**CONTROL AND CONNECTION OPTIONS - CE**

**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

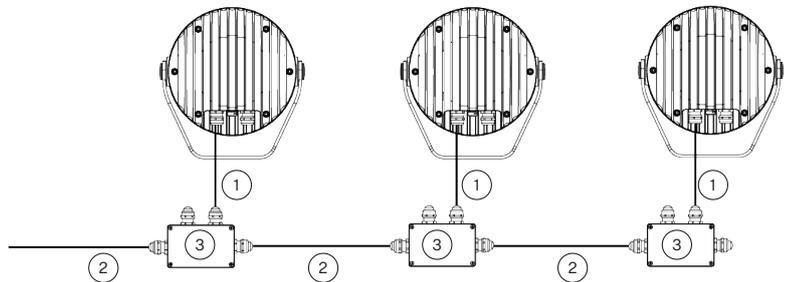
**Note: This type of connection is available for S, M, L, and XL versions. E-Box has to be in Pass Through mode only.**



**ON/OFF**

- 1) H07BB-F 3G 1.5 (13050919), 3-cored cable, Standard 1 m with bare-end, black
- 2) H07BB-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

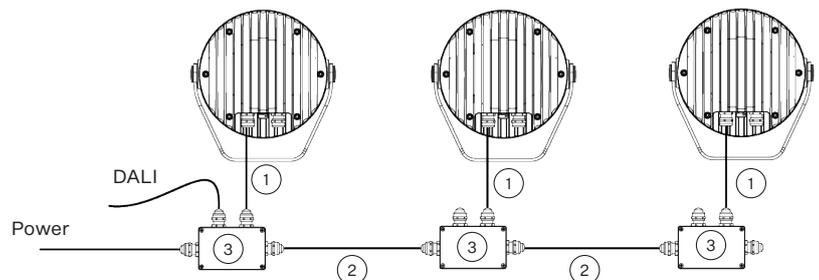
**Note: This type of connection is available for Pure White and single color version only. Non dimmable.**



**CONTROL AND CONNECTION OPTIONS - US**

**DALI**

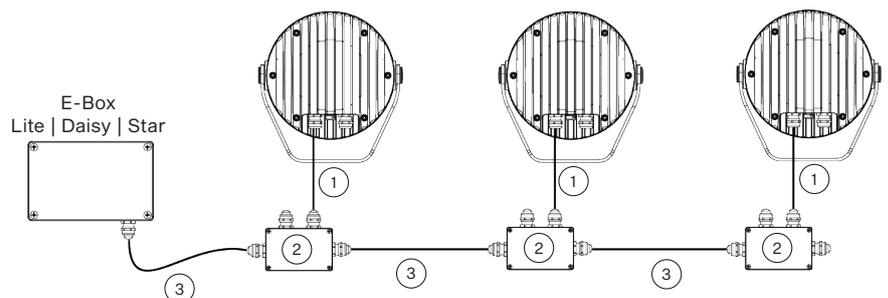
- 1) SJTW 5x14 AWG (13053693), Standard 1 m with bare-end, black or Cable SJTW 5x14 AWG (13053697), white
- 2) SJTW 5x14 AWG (13053693), black or Cable SJTW 5x14AWG (13053697), white or Scope of Others
- 3) Junction Box



**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.**

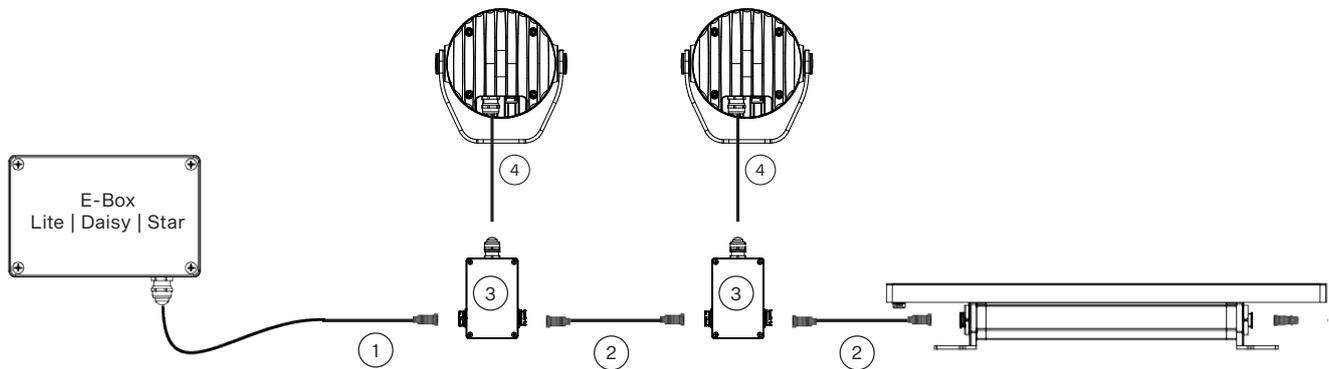


**CONTROL AND CONNECTION OPTIONS - US**

**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

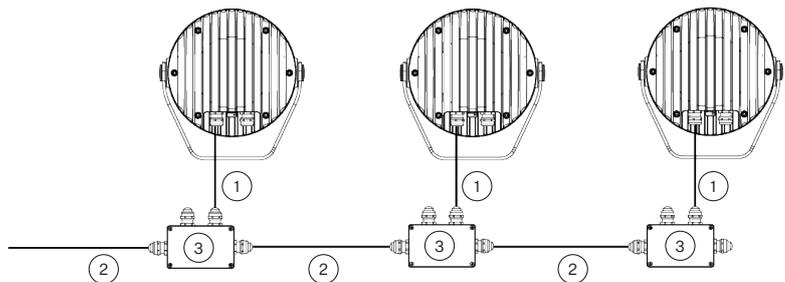
**Note: The last unplugged connector must be fitted with a Waterproof Cap to protect the IP rating.**



**ON/OFF**

- 1) SEOW power 3x16 AWG (13051558-01), 3-cored cable, Standard 1 m with bare-end, black
- 2) SEOW 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.**

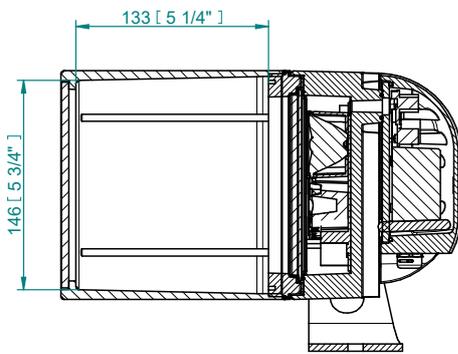


**CONNECTIVITY**

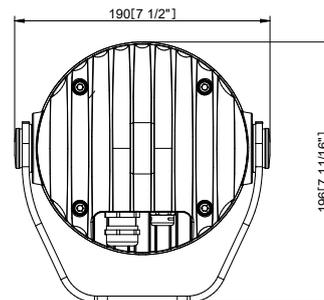
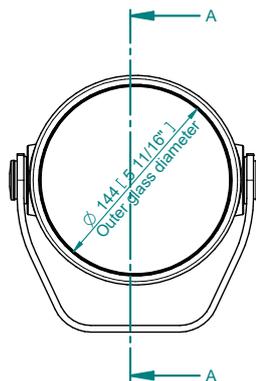
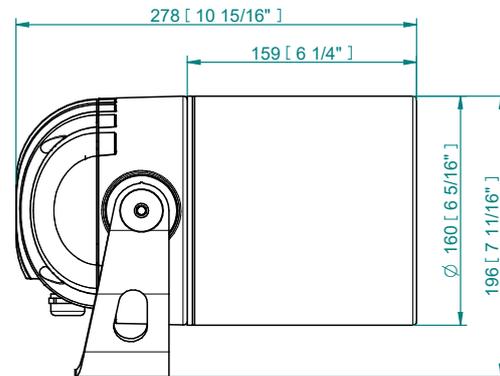
Following table shows maximum connected Calummas Arts S SC in a row with respect of cable length.

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

**DIMENSIONS**

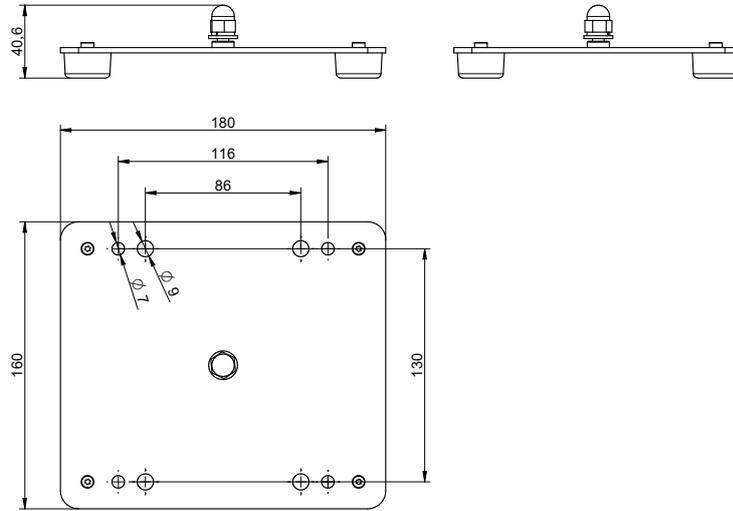


SECTION A-A

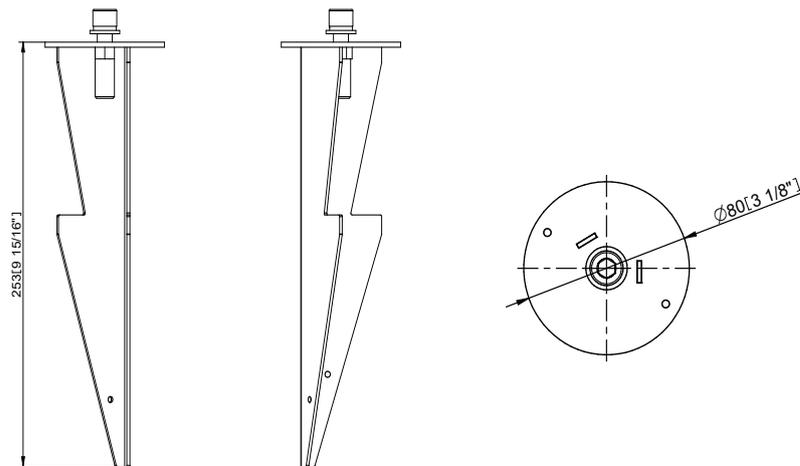


ACCESSORIES

Floor Stand



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



Pole Adaptor

