Anolis

CALUMMA™ UN XL SC

A high-performance architectural luminaire designed for precise illumination of tall vertical elements and prominent building features. Its advanced optical system with 43 LEDs in the 5° version and 19 LEDs in the 3.5° version delivers intense, tightly controlled light output. Available with ultra-narrow beam angles, it provides exceptional precision with minimal light spill, making it ideal for accentuating slender architectural details. The robust housing is built to perform reliably in demanding outdoor conditions and features a dedicated finish suitable for harsh and marine environments. In/Out daisy-chain connection via E-Box and hybrid Plug & Play connectors simplifies installation, while compatible accessories and control protocols ensure flexibility for sophisticated architectural lighting projects.

KEY FEATURES

Lumen output & Light source
Luminaire with 43 LEDs in the 5° version and 19 LEDs in the 3.5° version provides up to 6716 lumen output. Multiple LED colour variants. No light spills.

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
Equipped with precision 3.5° or 5° optics, Calumma UN XL delivers a highly concentrated beam for long-distance accent lighting. Its powerful output is ideal for illuminating church spires and other landmark architectural features with precise control.
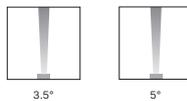
Connectivity
Utilising the innovative E-Box series of power and data interfaces, Calumma UN XL can communicate via numerous wired, wireless, and Ethernet based control protocols. Various wiring topologies are supported using hybrid power / data cables with Plug & Play connectors or standard connection options.
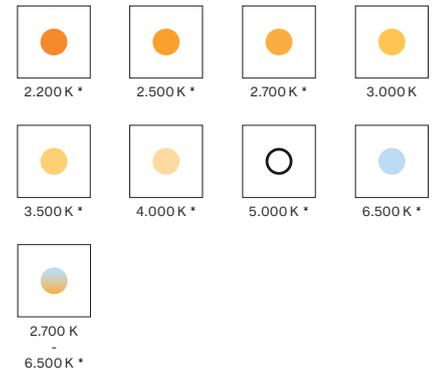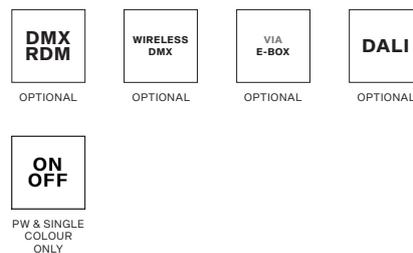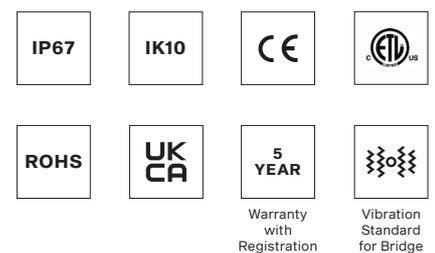
COLOURS

* UPON REQUEST

RGBW	RGBA	Pure White	Tuneable White *

OPTIC OPTIONS

3.5°	5°

CONTROL & PROTOCOLS

DMX RDM	WIRELESS DMX	VIA E-BOX	DALI
OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL

ON OFF
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

RAL
Custom Paint Colour

COLOUR TEMPERATURE

* UPON REQUEST

2.200 K *	2.500 K *	2.700 K *	3.000 K
3.500 K *	4.000 K *	5.000 K *	6.500 K *

2.700 K - 6.500 K *

STANDARD & SPECIFICATION

IP67	IK10	CE	ETL us
ROHS	UKCA	5 YEAR Warranty with Registration	Vibration Standard for Bridge

SPECIFICATION

|		
ELECTRICAL	Input Voltage	120–277 V AC 50/60 Hz (US)
	Typical Power Consumption	61 W +/-10 % (@ 3.5°) | 185 W +/-10 % (@ 5°)
OPTICAL	Light Source	High Power Single Chip LEDs
	Colour Variants	RGBW (W - 6500 K) | RGBA | PW (W - 3000 K)
		Upon Request: TW (2700–6500 K), 2200 K, 2500 K, 2700 K, 3500 K, 4000 K, 5000 K, 6500 K
	Beam Angle	3.5° | 5°
	Lumen Output Delivered	6716 lm (@ 5° PW 3000 K) TBC
	Projected Lumen Maintenance	L90B10 >90.000 hrs, Ta = 25°C / 77°F
CONTROL	Interface Protocol	Via E-Box range, DMX/RDM, wireless DMX, DALI 2 or ON/OFF (PW & single colour only)
	E-box control protocol	USITT DMX512+RDM, ArtNet, MA Net, MA Net2, sACN, Kling-Net
	DALI 2 Device Type	DT 8
	Wireless DMX (Option)	Lumen Radio CRMX Technology
	Control System	Third Party DMX Controllers or third party DALI 2 controllers, Ethernet
	Operating Modes	DMX, Stand-alone
	Settings / Addressing	E-Box, RDM communicator
	Power Supply	Integrated
PHYSICAL	Width x Height x Depth | Weight	385 x 404 x 120 mm (15.16 x 15.91 x 4.72 in.) | 13 kg (28.7 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/OUT (for E- Box version):** - 0.5 m cables with hybrid connectors - Jumper cables / **IN (for DMX, DALI, ON /OFF):** - 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)
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 XL
		Top Hat Calumma XL
		Half Top Hat Calumma XL
		Floor stand for Calumma L, XL
		Pole Adaptor (ø 102mm) (Yoke for Pole Adaptor Required)

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

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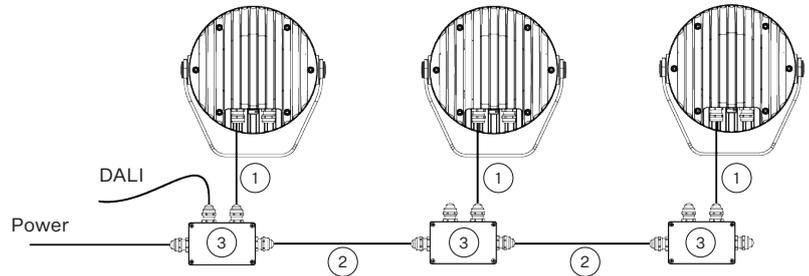
1) Junction Box

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

3) Field Installable Connector FF DC-05 (13053971)

4) Hybrid Cable (13053693), black, standard 0.5 m with Field
   Installable Connector MM DC-05 (13053972), black

   or on request Hybrid cable (13053697), white, 0.5 m with Field
   Installable Connector MM DC-05 (13053972), black

5) Hybrid Cable (13053693), black, standard 0.5 m with Field
   Installable Connector FF DC-05 (13053971), black

   or on request Hybrid cable (13053697), white, 0.5 m with Field
   Installable Connector FF DC-05 (13053971), black

6) Field Installable Connector MM DC-05 (13053972)
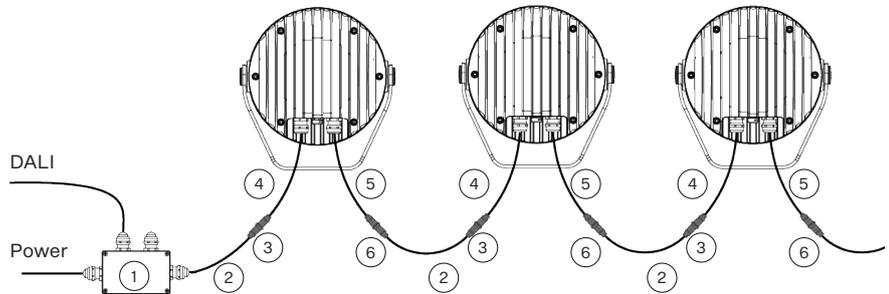
**Note: The last unplugged connector must be fitted
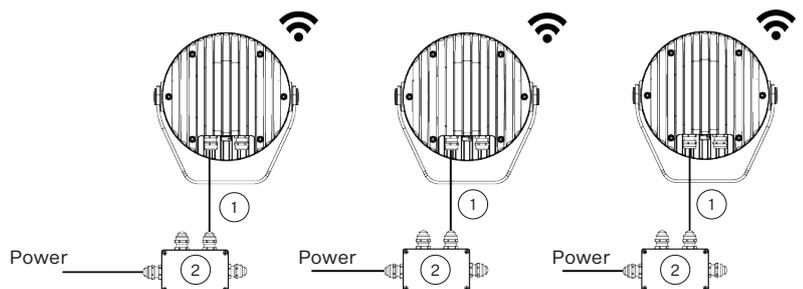with a Waterproof Cap to protect the IP rating.**

DMX

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

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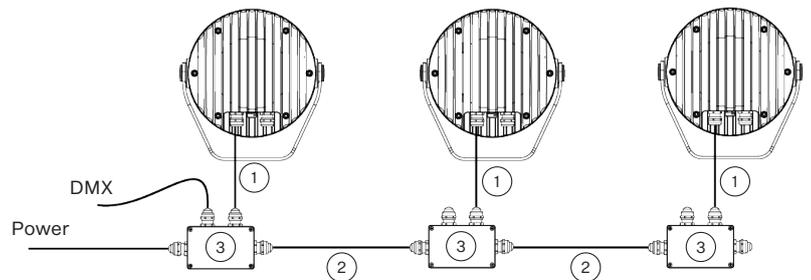
3) Junction Box

WIRELESS DMX

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

2) Junction Box

**Note: This type of connection is available for
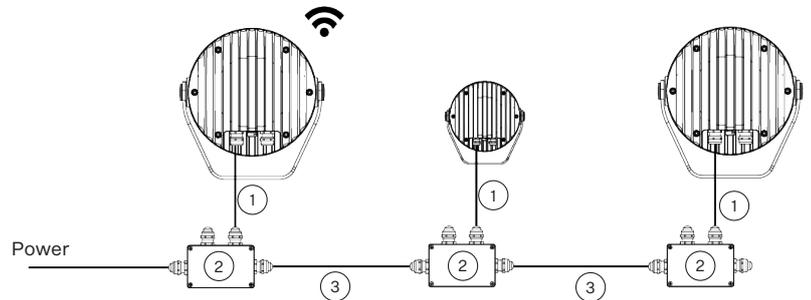M, L, XL versions.**

CONTROL AND CONNECTION OPTIONS - CE

WIRELESS DMX

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

2) Junction Box

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

Note: This type of connection must have M, L or XL versions as the first luminaire. Next luminaires in a row could be chosen from S, M, L or XL versions.

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.
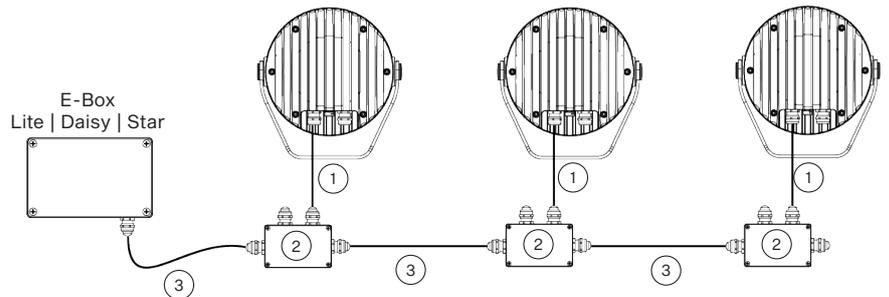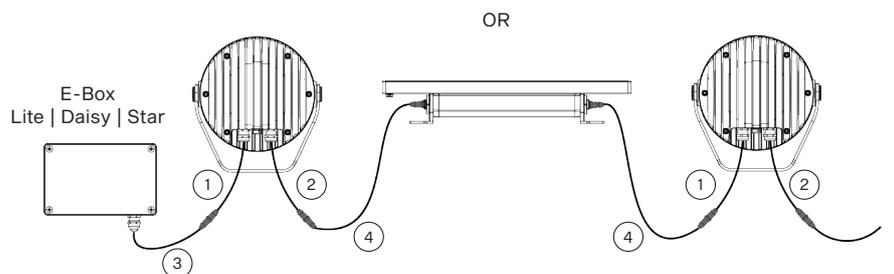
1) Leader Cable MM (13053493)
Standard 0.5 m with hybrid connector

2) Leader Cable MF (13053494)
Standard 0.5 m with hybrid connector

3) Leader Cable FF 2 m (13053438)
Leader Cable FF 5 m (13053440)
Leader Cable FF 10 m (13053436)
Leader Cable FF 25 m (13053437)
Leader Cable FF 50 m (13053439)
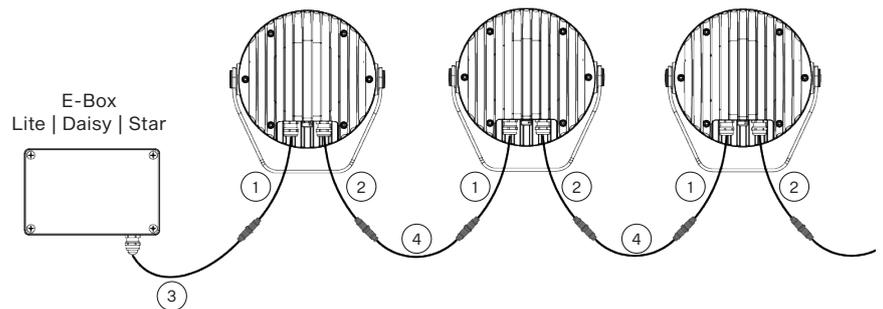
4) Jumper Cable FF/FM 0.25 m (13053422)
Jumper Cable FF/FM 0.5 m (13053423)
Jumper Cable FF/FM 1 m (13053425)
Jumper Cable FF/FM 2 m (13053427)
Jumper Cable FF/FM 3 m (13053428)
Jumper Cable FF/FM 5 m (13053430)
Jumper Cable FF/FM 10 m (13053424)

Note: With this type of connection is possible to connect Calumma (M, L, XL) and Eminere (Eminere, Eminere Side) luminaires in a row.

ROBE lighting s. r. o. | Palackeho 416 | 757 01 Valasske Mezirici | Czech Republic | Tel.: +420 571 751 500 | E-mail: info@anolis.eu | www.anolislighting.com

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CONTROL AND CONNECTION OPTIONS - CE

DMX WITH JUNCTION BOX FOR CALUMMA XL / 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) - (13051508) Standard 1 m with bare-end, black
   or HYB-5731ZH LSZH (13053694), Hybrid Cable, white

5) Junction Box

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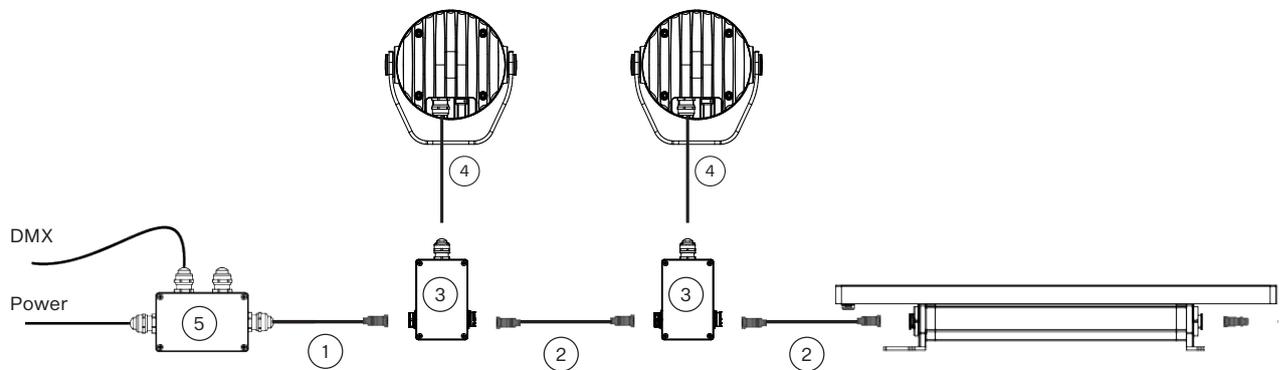
ON/OFF

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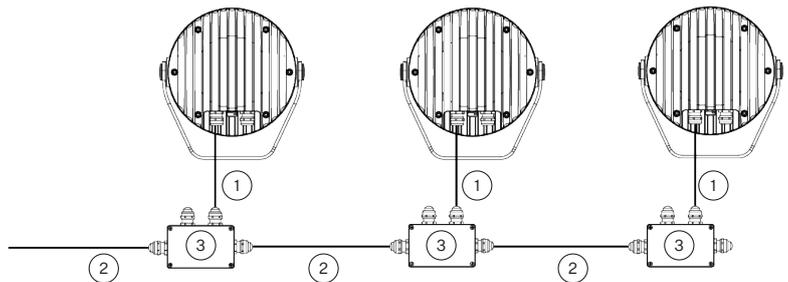
   Note: This type of connection is available for Pure White and single color version only. Non dimmable.

CONTROL AND CONNECTION OPTIONS - US

DALI
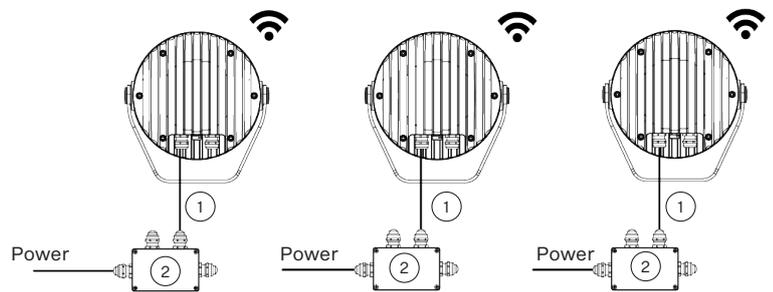
1) SJTW 5x14 AWG (13053693), Standard 1 m with bare-end, black
or Cable SJTW 5x14 AWG (13053697), white

2) SJTW 5x14 AWG (13053693), black
or Cable SJTW 5x14 AWG (13053697), white
or Scope of Others
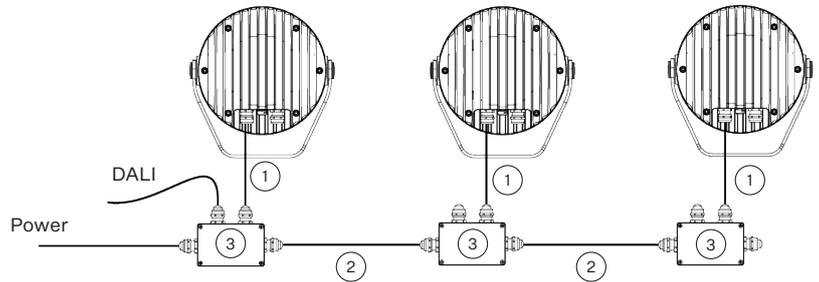
3) Junction Box

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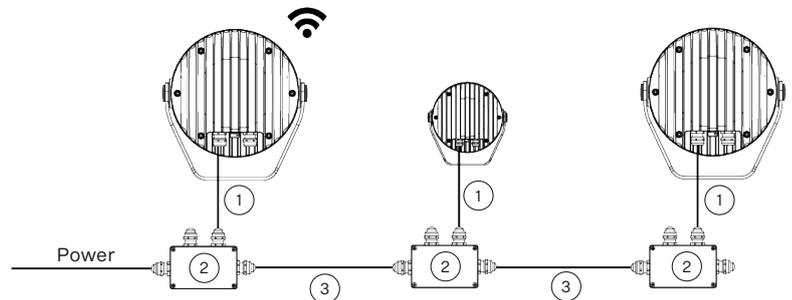
WIRELESS DMX

1) SJTW 6x14 AWG (13053480), Standard 1 m with bare-end, black
or Cable SJTW 6x14 AWG (13053695), white

2) Junction Box

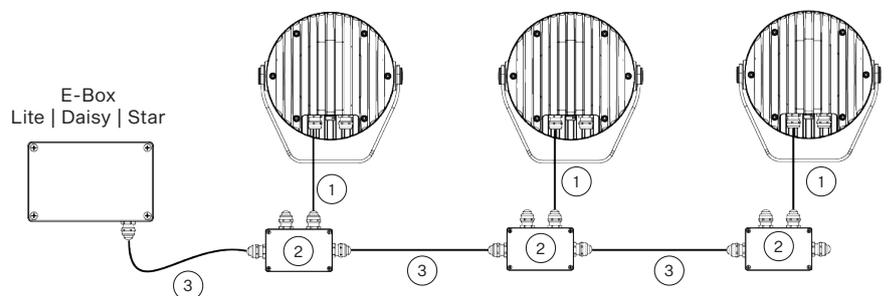**Note: This type of connection is available for M, L, XL versions**

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 must have M, L or XL versions as the first luminaire. Next luminaires in a row could be chosen from S, M, L or XL versions.

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

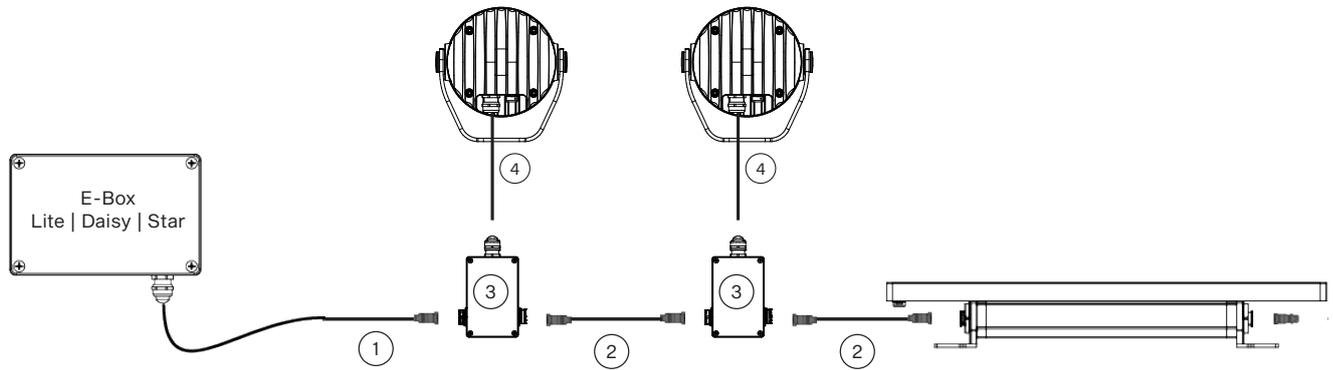**Note: This type of connection is available for S, M, L, and XL versions**. **E-Box has to be in Pass Through mode only.**

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CONTROL AND CONNECTION OPTIONS - US

DMX WITH JUNCTION BOX FOR CALUMMA XL / 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, blac
   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.
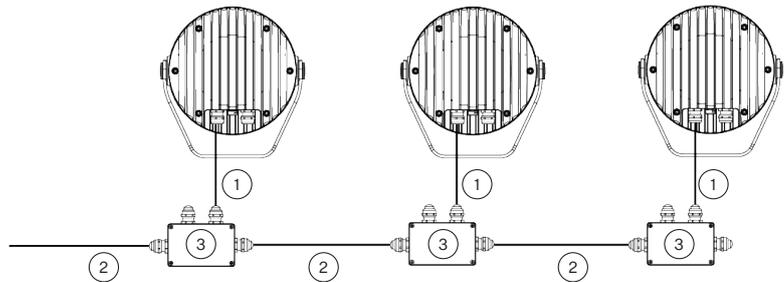
CONNECTIVITY

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

STANDARD MODE	Cable length (m)	Voltage (V)			
		120	190	230	277
CALUMMA XL SC	10	10	16	19	23
	20	10	16	19	23
	30	7	16	19	23
	50	4	10	15	22
	70	3	7	11	16
	100	2	5	8	11
	200	1	3	4	6
	500	0	1	2	2

PASS-THROUGH MODE	Cable length (m)	Voltage (V)			
		120	190	230	277
CALUMMA XL SC	10	10	16	19	23
	20	10	16	19	23
	30	7	16	19	23
	50	4	10	15	22
	70	3	7	11	16
	100	2	5	8	11

BOOSTER BOX POSITIONS

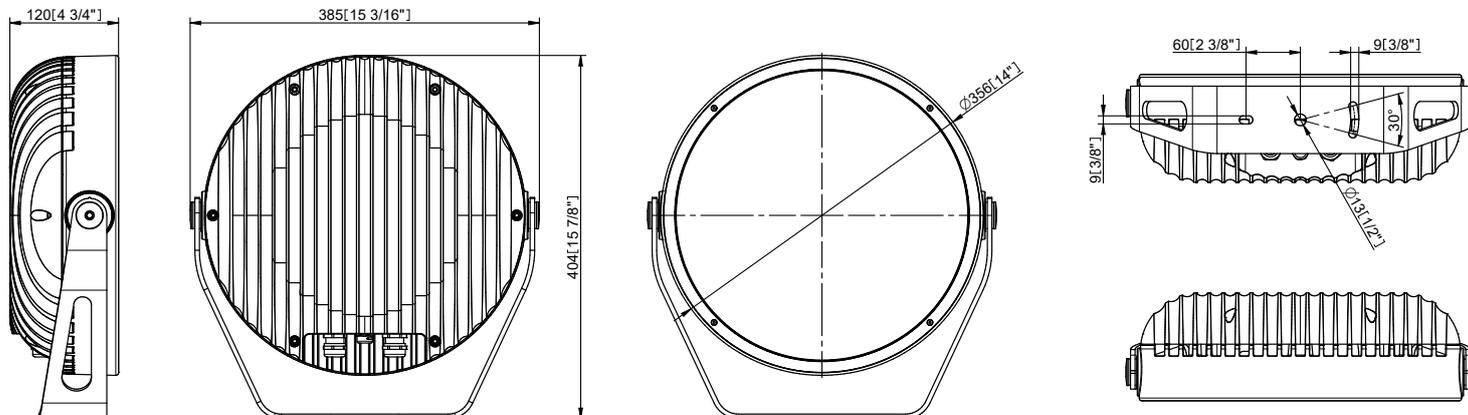|	Cable length (m)	Max. number of Calummas XL SC= 191 (in Standard mode)			
		120 V	190 V	230 V	277 V
CALUMMA XL SC	10 m	10, 20	16	19	23
	20 m	10, 20, 30, 40, 50	16, 32, 48	19, 38	23, 46
	30 m	7, 14, 21, 28, 35, 42, 49, 56, 64...	16, 32, 48, 64	19, 38, 57, 76	23, 46, 69
	50 m	4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48, 52, 56, 60, 64, 68, 72, 76, 80, 84...	10, 20, 30, 40, 50, 60, 70, 80, 90, 100...	15, 30, 45, 60, 75, 90, 105..	22, 44, 66, 88, 110...
	70 m	3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51, 54, 57, 60, 63, 66, 69, 72, 75, 78, 81...	7, 14, 21, 28, 35, 42, 49, 56, 63, 70, 77, 84, 91, 98...	11, 22, 33, 44, 55, 66,77,88,99,11 0,121...	16, 32, 48, 64, 80, 96, 112...
	100 m	2, 4, 6, 8, 10, 12, 14, 16, 18, 20...	5, 10, 15, 20, 25, 30, 35, 40, 45...	8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96...	11, 22, 33, 44, 55, 66, 77, 88, 99, 110, 121...
	200 m	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11....	3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51, 54, 57, 60, 63, 66, 69, 72, 75, 78, 81...	4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48, 52, 56, 60, 64, 68, 72, 76, 80, 84...	6, 12, 18, 24, 30, 36...
	500 m	-	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11....	2, 4, 6, 8, 10, 12, 14, 16, 18, 20...	2, 4, 6, 8, 10, 12, 14, 16, 18, 20...

NOTE: For more detail see the User manual.

PROJECTED AREA

	Front (rear) - m²	Front (rear) ft²	Side - m²	Side - ft²	Top - m²	Top - ft²
Calumma XL	0,105	1,130	0,044	0,469	0,042	0,446
with Top Hat	0,105	1,130	0,107	1,151	0,105	1,130
with Half Top Hat	0,105	1,130	0,064	0,684	0,105	1,130

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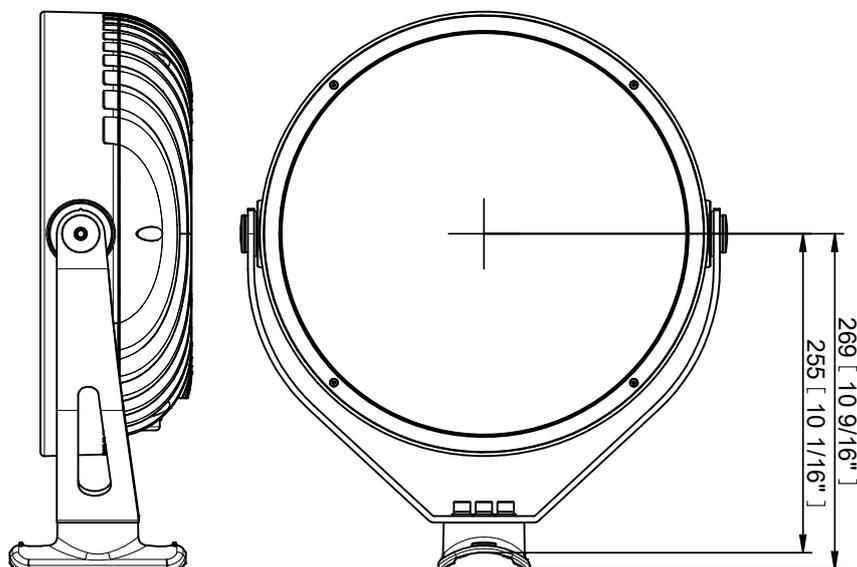
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DIMENSIONS

Standard Yoke

Yoke for Pole Adaptor (with Pole Adaptor / PA)
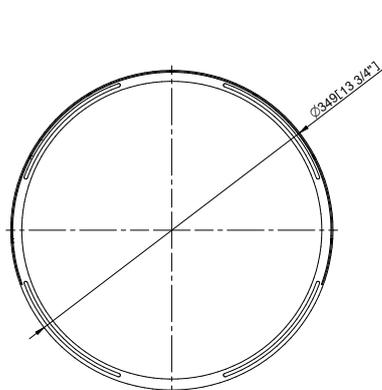
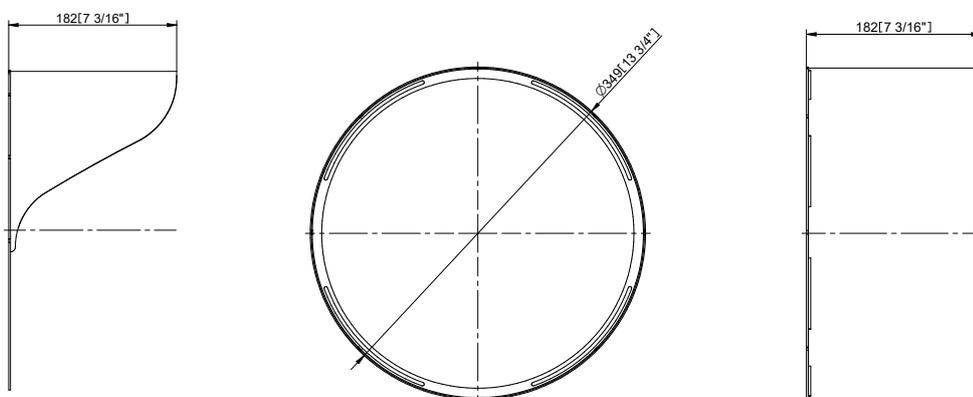**Example of ordering code:** Calumma XL SC RGBCW 15° PA

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ACCESSORIES

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

253[9 15/16"]

Ø80[3 1/8"]

Half Top Hat

Ø349[13 3/4"]

182[7 3/16"]

Top Hat

Ø349[13 3/4"]

182[7 3/16"]
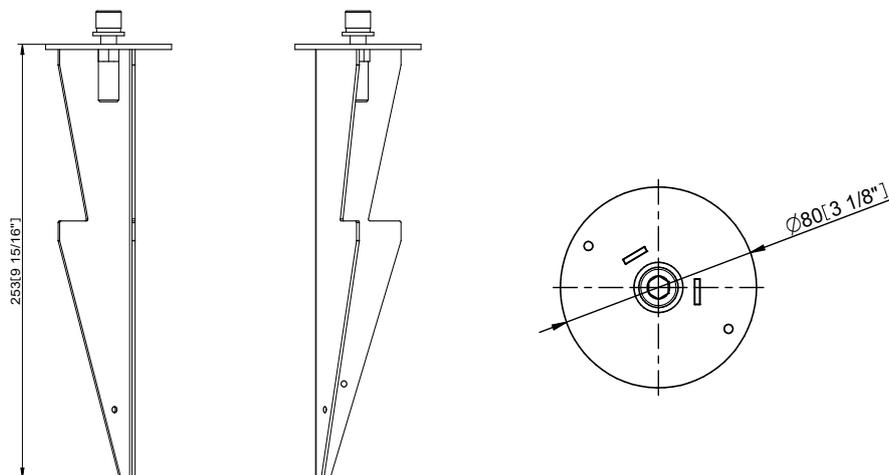
Floor Stand

Pole Adaptor

max. diameter cable ∅=15,5 [5/8"]