

CALUMMA™ REMOTE M SC

Featuring an optical design using high efficacy single-chip LEDs and available with optional LED colour variants and various beam angles, the medium-sized Calumma Remote M SC luminaire creates powerful and beautiful light output for a spot, accent or flood lighting solution. Its durable housing is built to withstand any exterior conditions, and its special finish for harsh and marine environments provides an exceptional outdoor LED luminaire in an elegant design. Complemented by wide range of accessories and control protocols via E-Box Remote, this luminaire is an effective and versatile unit to get the most out of architectural lighting applications.



KEY FEATURES

Lumen output & Light source

Luminaire with high-power, singlechip LEDs provides up to 3478 lumen output. Multiple LED colour variants. No light spills. Well homogenised light output with great efficacy up to 57 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 outdoor or indoor LED luminaire with a wide range of accessories, custom colour finishes, multiple light output variants and beam angles.

Connectivity

Utilising the innovative E-Box Remote series of power and data interfaces, Calumma Remote M SC can communicate via numerous wired, wireless, and Ethernet based control protocols.

COLOURS

STANDARD



UPON REQUEST

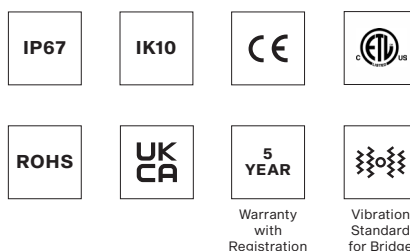
AVAILABLE COLOURS
FOR CUSTOM SETUP



CONTROL & PROTOCOLS

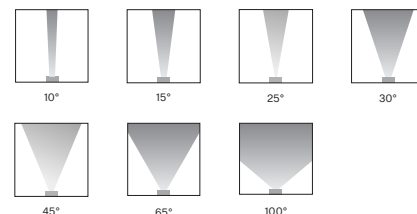


STANDARD & SPECIFICATION

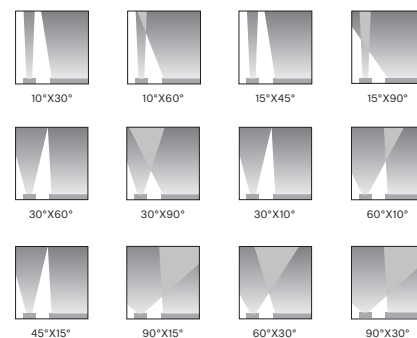


OPTIC OPTIONS

SYMMETRICAL

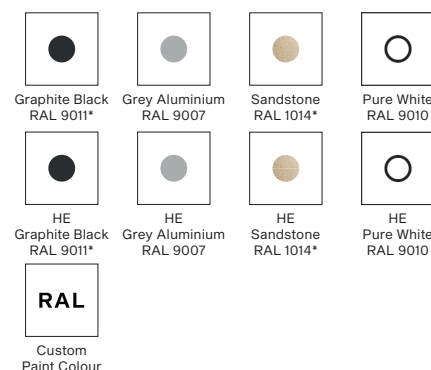


BI-SYMMETRICAL



FINISH OPTIONS

* CLOSEST RAL TONE
* HE = Harsh Environment



SPECIFICATION

ELECTRICAL	Input Voltage	48 V	
	Typical Power Consumption	60 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° 15° 25° 30° 45° 65° 100°	
		10°x30° 30°x10° 10°x60° 60°x10° 15°x45° 45°x 15° 15°x90° 90°x15° 30°x60° 60°x30° 30°x90° 90°x30°	
	Lumen Output Delivered	3478 lm (@10° RGBW)	
	Projected Lumen Maintenance	L90B10 >90.000 hrs, Ta = 25°C / 77°F	
CONTROL	Interface Protocol	Via E-box Remote, E-box Remote Basic or E-Box Remote Basic Mini	
	E-box Remote control protocol	USITT DMX512+RDM, ArtNet, MA Net, MA Net2, sACN, Kling-Net	
	Settings / Addressing	Via Two Row LCD Display with Control Buttons on E-Box Remote or RDM communicator	
	Power Supply	Via E-Box Remote range	
PHYSICAL	Width x Height x Depth	264 x 278 x 106 mm (10.4 x 10.94 x 4.17 in.)	
	Weight	5.56 kg 12.3 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 / Connections	IN - Cable with bare end (Standard 1m, Longer upon Request) - 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 Remote (1x or 4x Output)	
		Cable UL20969 5x20 AWG (black or white) - Calumma Remote input cable	
		Cable SJTW 5x14 AWG (black or white) - main connection between Junction Boxes	
		Optical Demo Set for Calumma M (for demo purposes)	
		Outdoor Foil Holder for Calumma M „OFH“ version only (for permanent installation)	
		Optical Foil Set for Outdoor Foil Holder Calumma M	
		Land Spike for Calumma M	
		Top Hat Calumma M	
		Half Top Hat Calumma M	
		Re-enterable Electrical Insulating Resin	
		Floor Stand for Calumma S, M	
		Pole Adaptor (ø 102 mm) (Yoke for Pole Adaptor Required)	

SPECIFICATION

CABLES AND CONNECTORS	Not Included Items	DMX - CONNECTOR SOLUTION	
		Cable SJTW 5x14 AWG (I3053336), standard with bare-end, black - 1/3/5/10 m	
		Cable SJTW 5x14 AWG (I3053697), with bare-end, white (on request) - 1/3/5/10 m	
		Leader CE Cable FF, 0.1 m, MINI-05 (I3053978)	
		Jumper Cable CE/US MID-05 FF/MM (5x14 AWG), 0.5 m, (I3054131) - 0.5/1/3/5 m	
		Jumper Cable MINI-05 FF/MM (5x20 AWG), 0.5 m, (I3053937-02) - 0.5/1/3/5/10 m	
		Cable 5x20 AWG, 0.5 m, with connector MM	
		Adaptor MID2MINI (I3054149)	
		Adaptor MINI2MID (I3054150)	
		T-connector MID-05 MFF (I3054130)	
		T-connector MINI-05 MFF (I3053941-01)	
		Field Installable Connector MID-05 MM (14–22 AWG) - (I3054126)	
		Field Installable Connector MID-05 FF (14–22 AWG) - (I3054127)	
		DMX - BARE-END	
		Cable SJTW 5x14 AWG (I3053336), standard with bare-end, black - 1/3/5/10 m	
		Cable SJTW 5x14 AWG (I3053697), with bare-end, white (on request) - 1/3/5/10 m	
		Cable UL 20969 (5x20 AWG), 1 m, (I3053481), black	
		Cable UL 20969 (5x20 AWG), 1 m, (I3053696), white (on request)	
		Junction Box Remote (4x Output) - (I0980716)	
		Junction Box Remote (1x Output) - (I0980715)	
		DALI - CONNECTOR SOLUTION	
		Cable SJTW 5x14 AWG (I3053336), standard with bare-end, black - 1/3/5/10 m	
		Cable SJTW 5x14 AWG (I3053697), with bare-end, white (on request) - 1/3/5/10 m	
		Jumper Cable CE/US MID-05 FF/MM (5x14 AWG), 0.5 m, (I3054131) - 0.5/1/3/5 m	
		T-connector MID-05 MFF (I3054130)	
		Field Installable Connector MID-05 MM (14–22 AWG) - (I3054126)	
		Junction Box Remote (1x Output) - (I0980715)	
		Junction Box Remote (4x Output) - (I0980716)	
		DALI - BARE-END	
		Cable SJTW 5x14 AWG (I3053336), standard with bare-end, black - 1/3/5/10 m	
		Cable SJTW 5x14 AWG (I3053697), with bare-end, white	
		Cable UL 20969 (5x18 AWG) - (I3054125)	
		Junction Box Remote (1x Output) - (I0980715)	
		Junction Box Remote (4x Output) - (I0980716)	

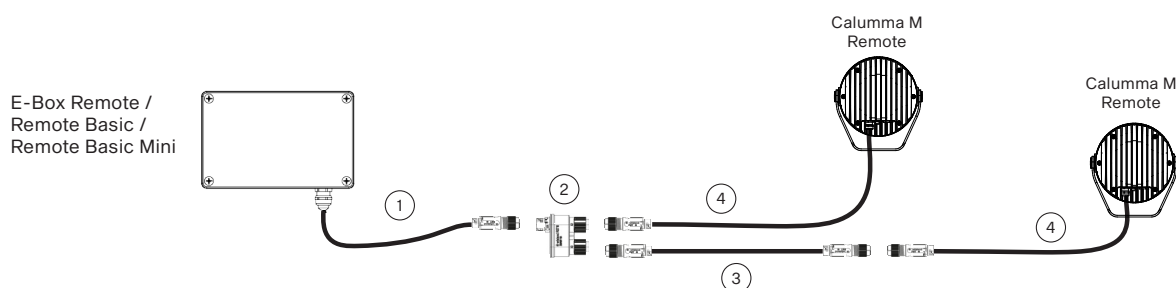
CONTROL AND CONNECTION OPTIONS - CE & US

DMX - CONNECTOR SOLUTION

A E-BOX REMOTE / REMOTE BASIC / REMOTE BASIC MINI

- 1) SJTW 5x14 AWG (13053336), black, with Field Installable Connector MID-05 FF (14–22 AWG) - (13054127)
- 2) T-connector MID-05 MFF (13054130)
- 3) Jumper Cable CE/US MID-05 FF/MM (5x14 AWG), 0.5 m (13054131)
- 4) SJTW 5x14 AWG (13053336), black, with Field Installable Connector MID-05 MM (14–22 AWG) - (13054126)

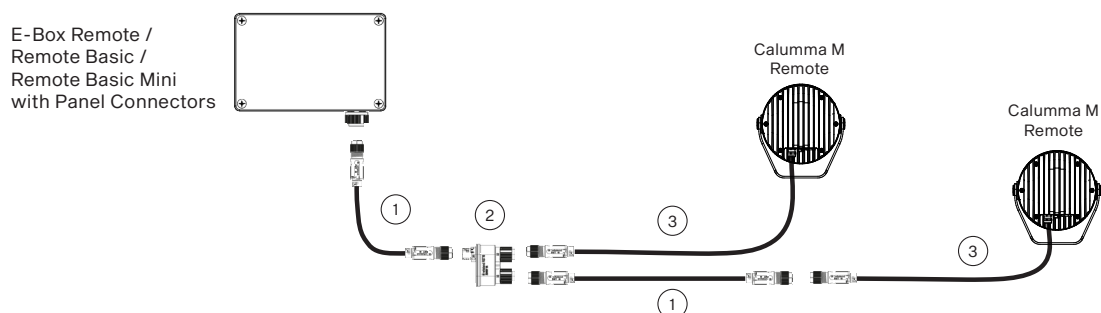
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



B E-BOX REMOTE / REMOTE BASIC / REMOTE BASIC MINI WITH PANEL CONNECTORS

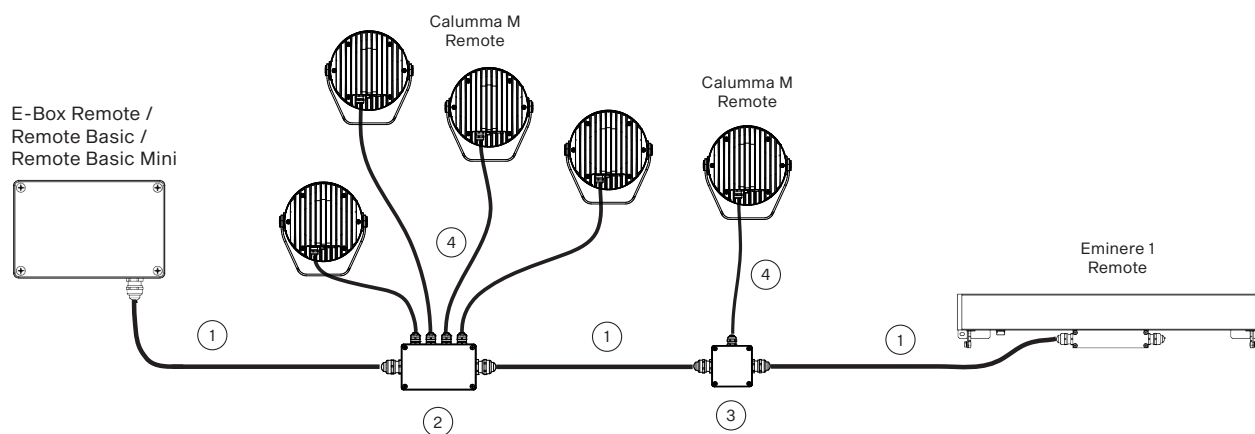
- 1) Jumper Cable CE/US MID-05 FF/MM (5x14 AWG), 0.5 m (13054131)
- 2) T-connector MID-05 MFF (13054130)
- 3) SJTW 5x14 AWG (13053336), black, with Field Installable Connector MID-05 MM (14–22 AWG) - (13054126)

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) Junction Box Remote, (4x Output) - (10980716)
- 3) Junction Box Remote, (1x Output) - (10980715)
- 4) Cable UL 20969 (5x18 AWG) - (13054125)

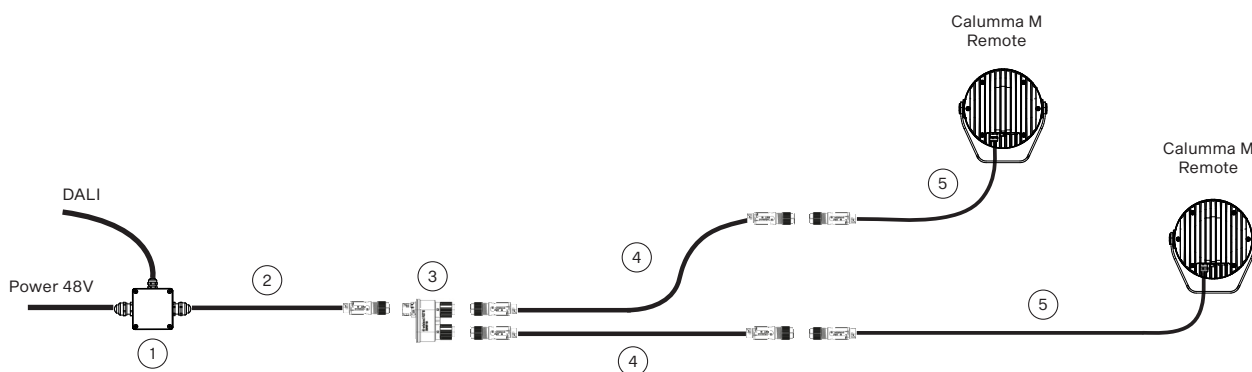
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



DALI - CONNECTOR SOLUTION

- 1) Junction Box Remote (1x Output) - (10980715)
- 2) SJTW 5x14 AWG (13053336), black, with Field Installable Connector MID-05 MM (14–22 AWG) - (13054126)
- 3) T-connector MID-05 MFF (13054130)
- 4) Jumper Cable CE/US MID-05 FF/MM (5x14 AWG), 0.5 m (13054131)
- 5) Cable UL 20969 (5x18 AWG), 1 m, (13054125), with Field Installable Connector MID-05 MM (14–22 AWG) - (13054126)

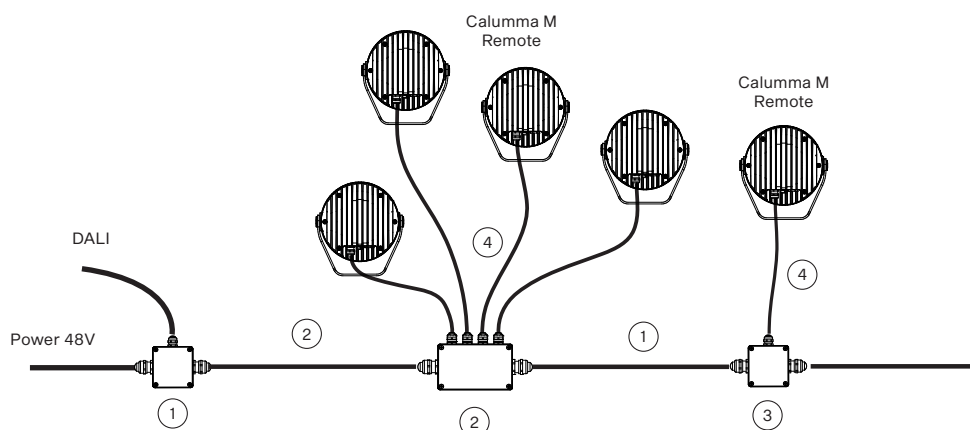
Note: The last unmated connector must be fitted with an Waterproof Cap to protect the IP rating.



DALI - BARE-END SOLUTION

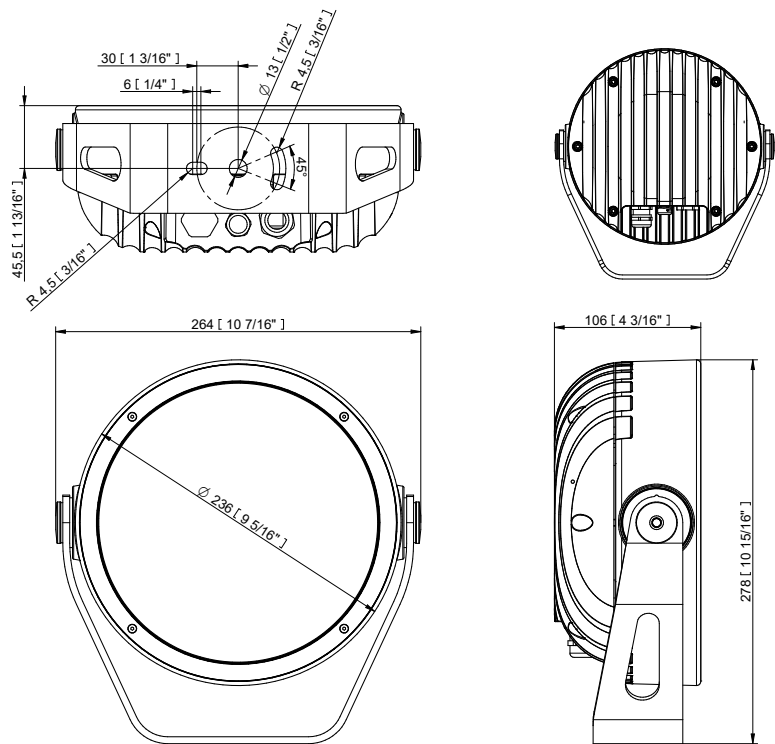
- 1) Junction Box Remote (1x Output) - (10980715)
- 2) SJTW 5x14 AWG (13053336), standard with bare-end, black
- 3) Junction Box Remote (4x Output) - (10980716)
- 4) Cable UL 20969 (5x18 AWG), 1 m, (13054125)

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



DIMENSIONS

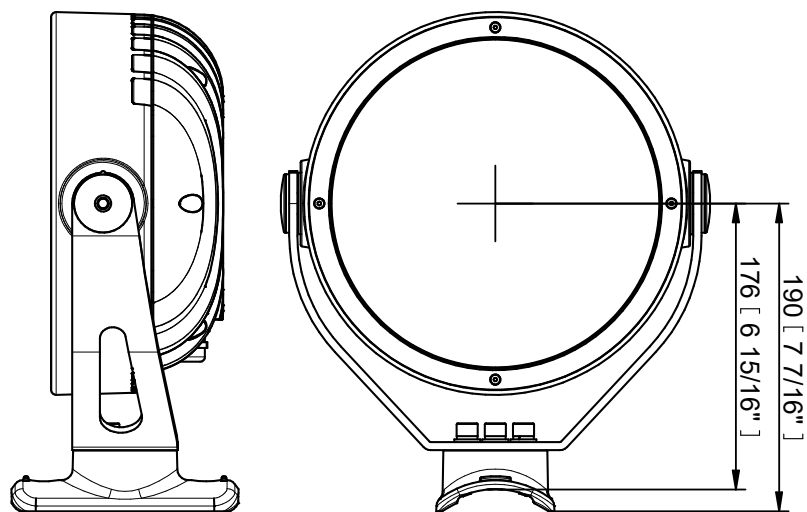
Standard Yoke



ACCESSORIES

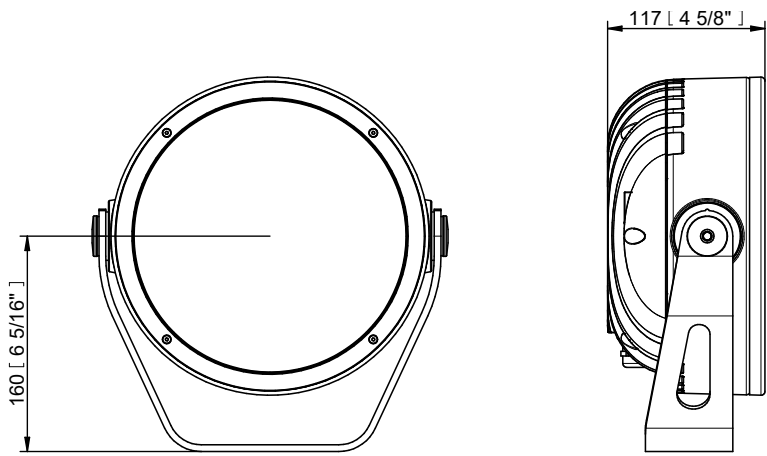
Yoke for Pole Adaptor (with Pole Adaptor / PA)

Example of ordering code: Calumma Remote M SC RGBCW 15° PA

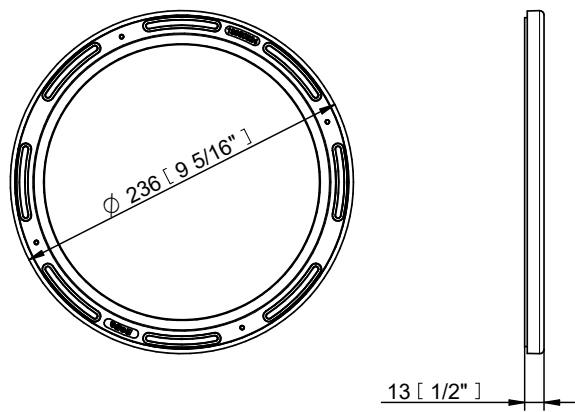


Outdoor Foil Holder for Calumma M „OFH“ version only (for permanent installation)

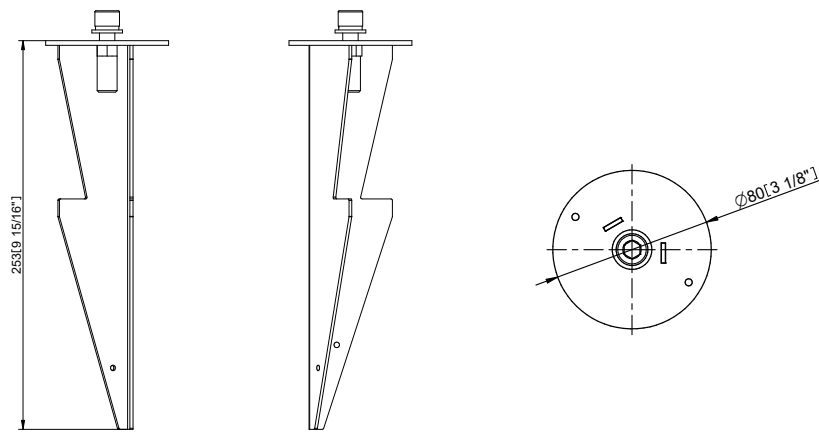
Example of ordering code: Calumma Remote M SC CE RGBCW 10° RAL9007 OFH



Outdoor Foil Holder for Calumma M

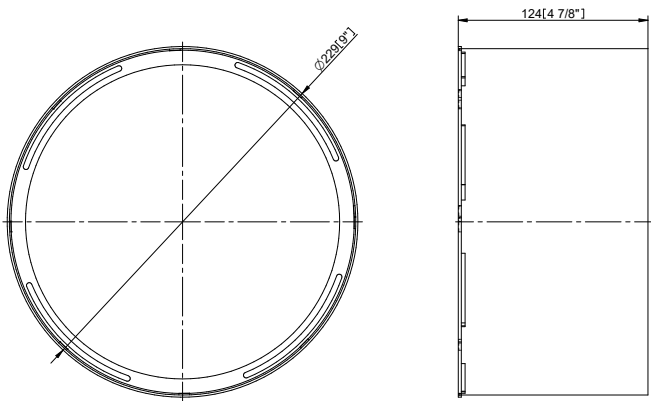


Land Spike for Calumma (S, M, L, XL)

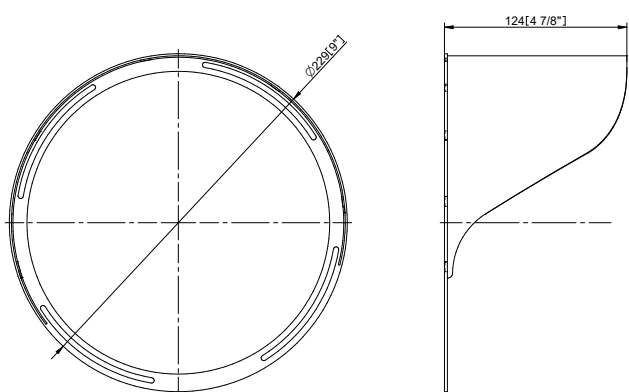


ACCESSORIES

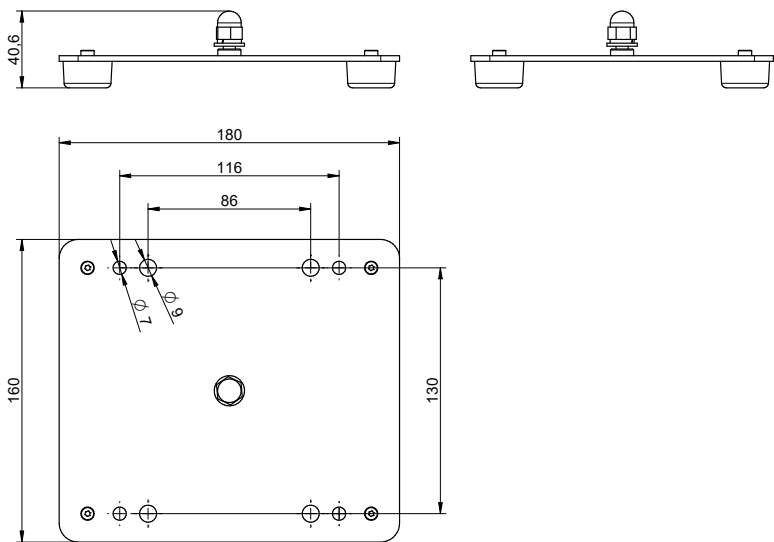
Top Hat



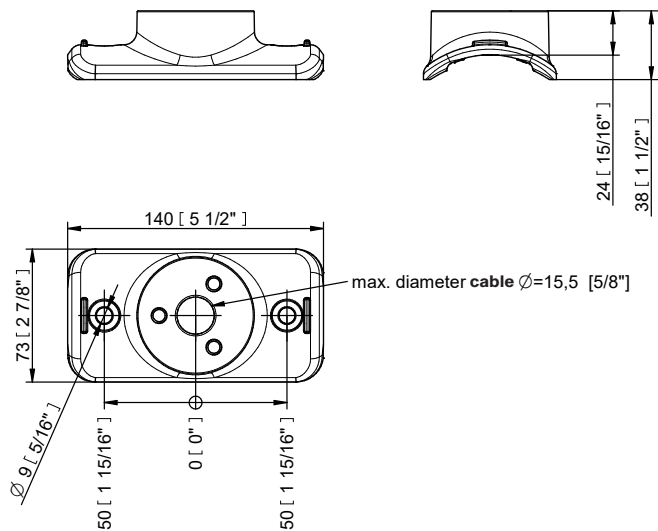
Half Top Hat



Floor Stand



Pole Adaptor

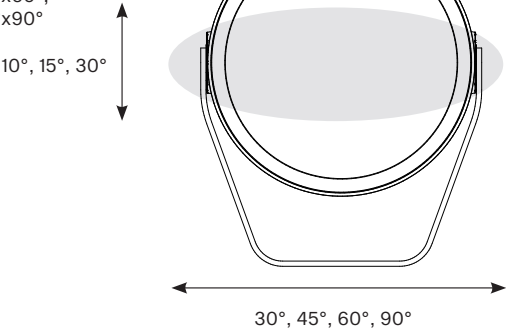


PHOTOMETRIC OVERVIEW

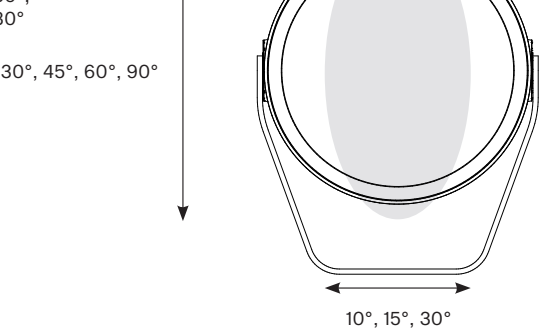
Lumen Output (lm)			
	RGBCW (W 6500 K)	RGBA	WW (W 3000 K)
10°	3478	2439	4305
15°	3169	2222	3923
25°	3097	2172	3834
30°	3040	2132	3763
45°	3104	2177	3842
65°	3043	2134	3767
100°	3081	2160	3814
10° x 30°, 30° x 10°	3060	2146	3788
10° x 60°, 60° x 10°	3045	2135	3769
15° x 45°, 45° x 15°	3177	2228	3933
30° x 60°, 60° x 30°	3027	2123	3747
30° x 90°, 90° x 30°	2853	2001	3532
15° x 90°, 90° x 15°	2996	2101	3709

BI-SYMMETRICAL BEAM ANGLES

Bi-symmetrical:
10°x30°,
10°x60°,
15°x45°,
15°x90°,
30°x60°,
30°x90°



Bi-symmetrical:
30°x10°,
60°x10°,
45°x15°,
90°x15°,
60°x30°,
90°x30°

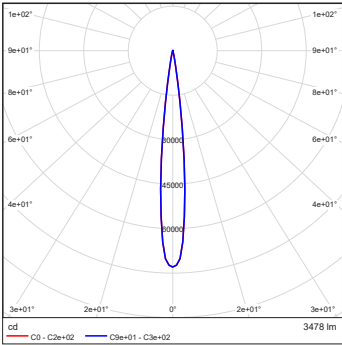


PROJECTED AREA

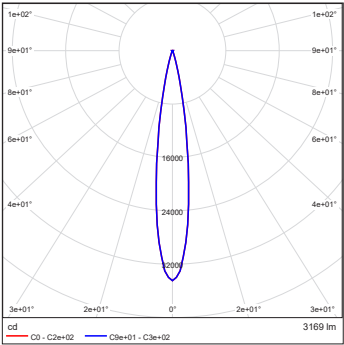
	Front (rear) - m²	Front (rear) ft²	Side - m²	Side - ft²	Top - m²	Top - ft²
Calumma Remote M	0.047	0.500	0.026	0.280	0.024	0.258
with Top Hat	0.047	0.500	0.054	0.581	0.052	0.559
with Half Top Hat	0.047	0.500	0.037	0.398	0.052	0.559

PHOTOMETRIC DATA

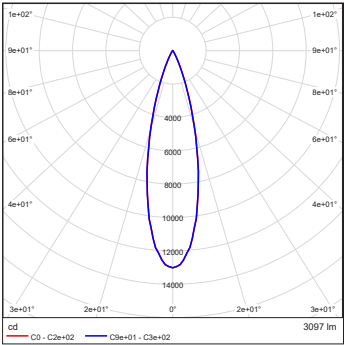
Calumma M SC RGBW 6500K 10dg



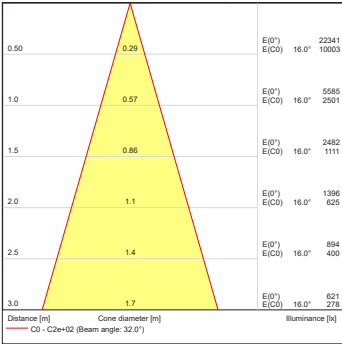
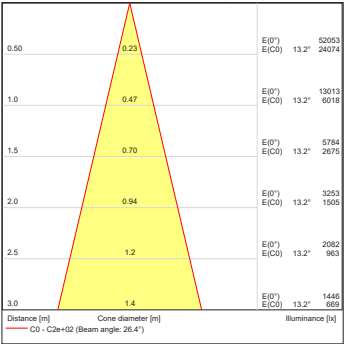
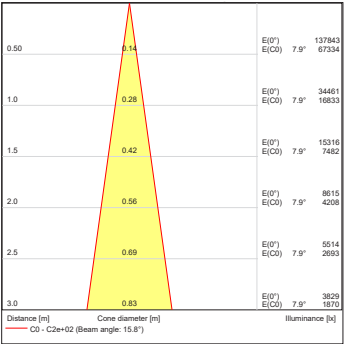
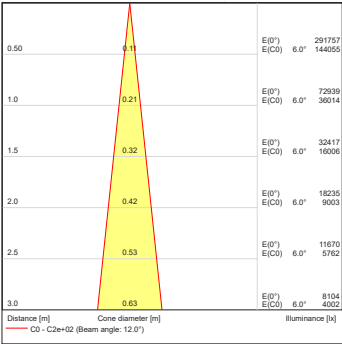
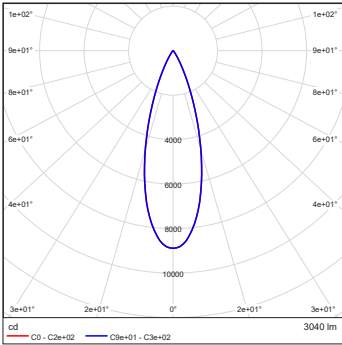
Calumma M SC RGBW 6500K 15dg



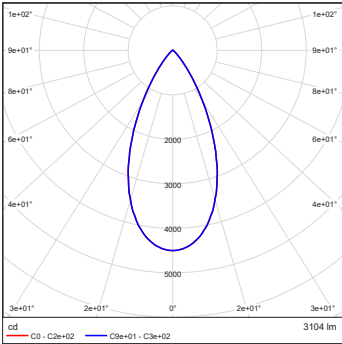
Calumma M SC RGBW 6500K 25dg



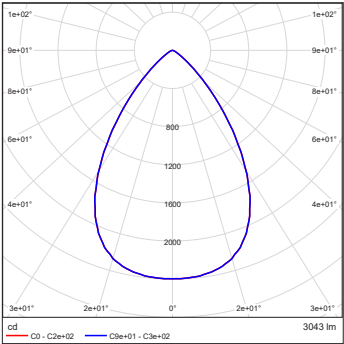
Calumma M SC RGBW 6500K 30dg



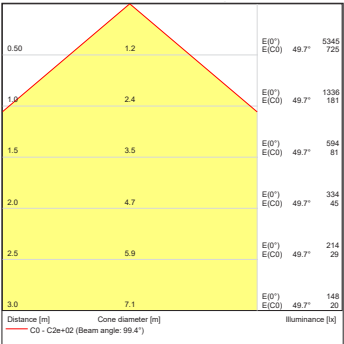
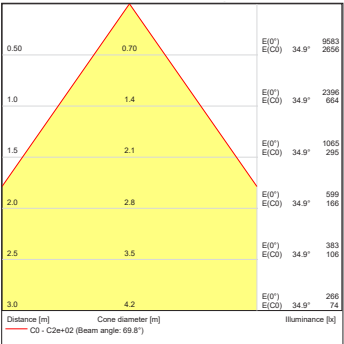
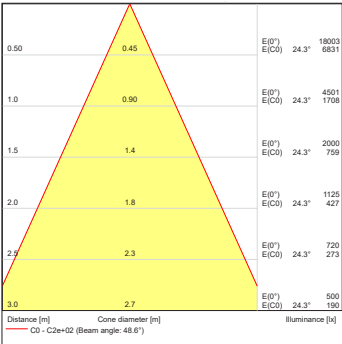
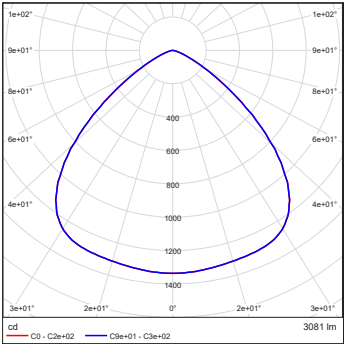
Calumma M SC RGBW 6500K 45dg



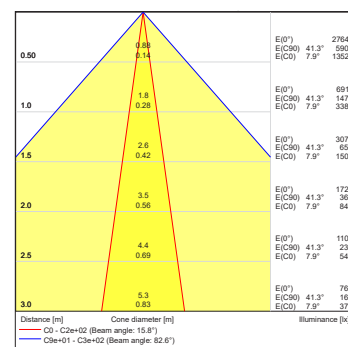
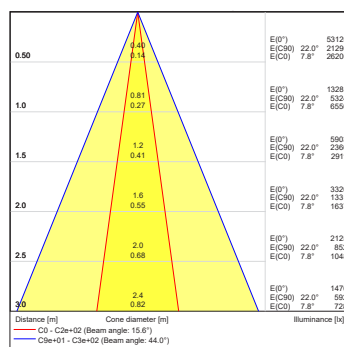
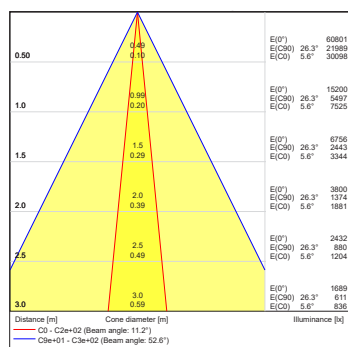
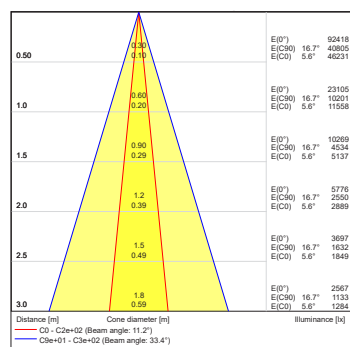
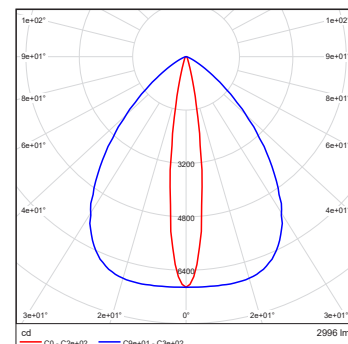
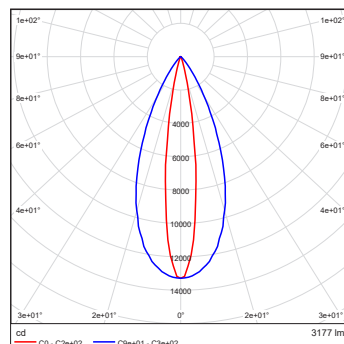
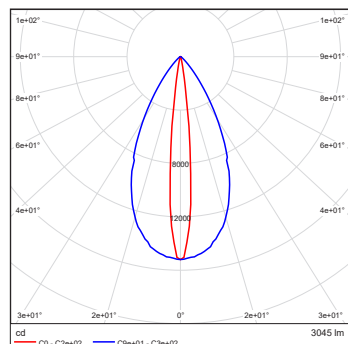
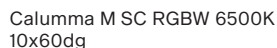
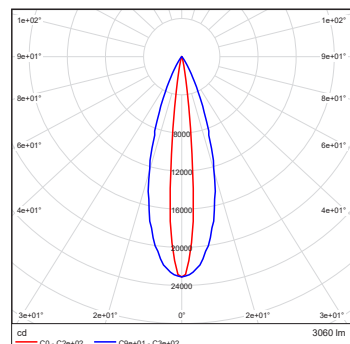
Calumma M SC RGBW 6500K 65dg



Calumma M SC RGBW 6500K 100dg



Calumma M SC RGBW 6500K
10x30dq



Calumma M SC RGBW 6500K
30x60dg

