CALUMMA™ REMOTE S MC

Featuring an optical design using three high efficacy multi-chip LEDs and available with optional LED colour variants and various beam angles, the small-sized Calumma Remote S MC 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 a wide range of accessories, control protocols and connection options, this luminaire is an effective and versatile tool to get the most out of architectural lighting applications.

KEY FEATURES

Lumen output & Light source
Luminaire with three high-power, multi-chip LEDs provides up to 993 lumen output. Multiple LED colour variants. No light spills. Perfectly homogenised light output with efficacy up to 33 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.

COLOURS

* UPON REQUEST

RGBW (6500 K)
RGBA
RGBL
PW (3000 K)
TW (3000-6500 K) *

CONTROL & PROTOCOLS

VIA E-BOX
E-BOX REMOTE RANGE

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

OPTIC OPTIONS

SYMMETRICAL

9° 15° 25° 30°
45° 65° 100°

BI-SYMMETRICAL

10°X30° 10°X60° 15°X45° 15°X90°
30°X60° 30°X90°

STANDARD & SPECIFICATION

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

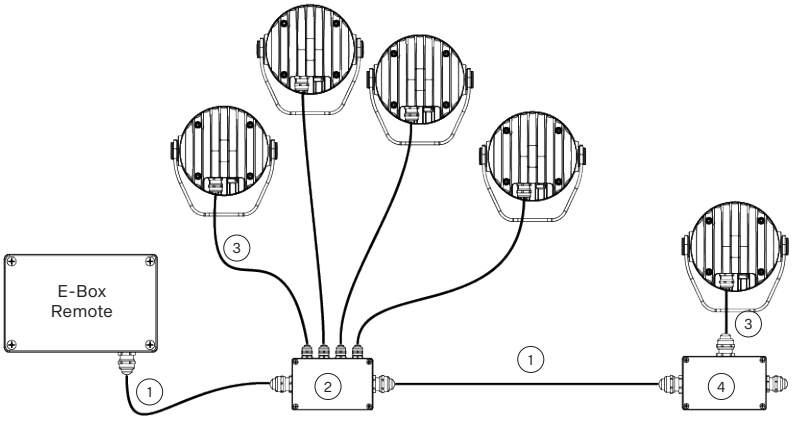
SPECIFICATION

ELECTRICAL	Input Voltage	48 V	
	Typical Power Consumption	30 W +/-10 %	
OPTICAL	Light Source	High Power Multichip LEDs	
	Colour Variants	RGBW (W - 6500 K) | RGBA | RGBL | Pure White (W - 3000 K)	
		On Request: Tuneable White (3000–6500 K)	
	Beam Angle	9° | 15° | 25° | 30° | 45° | 65° | 100°	
		10°x30° | 30°x10° | 10°x60° | 60°x10° | 15°x45° | 45°x15° 15°x90° | 90°x15° | 30°x60° | 60°x30° | 30°x90° | 90°x30°	
	Lumen Output Delivered	993 lm (@9° 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	189 x 196 x 119 mm (7.4 x 7.7 x 4.7 in.)	
	Weight	2.95 kg | 6.5 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** - 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 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	
		Re-enterable Electrical Insulating Resin	
		Optical Demo Set for Calumma S (for demo purposes)	
		Outdoor Foil Holder for Calumma S „OFH“ version only (for permanent installation)	
		Optical Foil Set for Outdoor Foil Holder Calumma S	
		Land Spike for Calumma S	
		Top Hat Calumma S	
		Half Top Hat Calumma S	
		Floor Stand for Calumma S, M	
		Pole Adaptor (ø 102 mm) (Yoke for Pole Adaptor Required)	

CONTROL AND CONNECTION OPTIONS

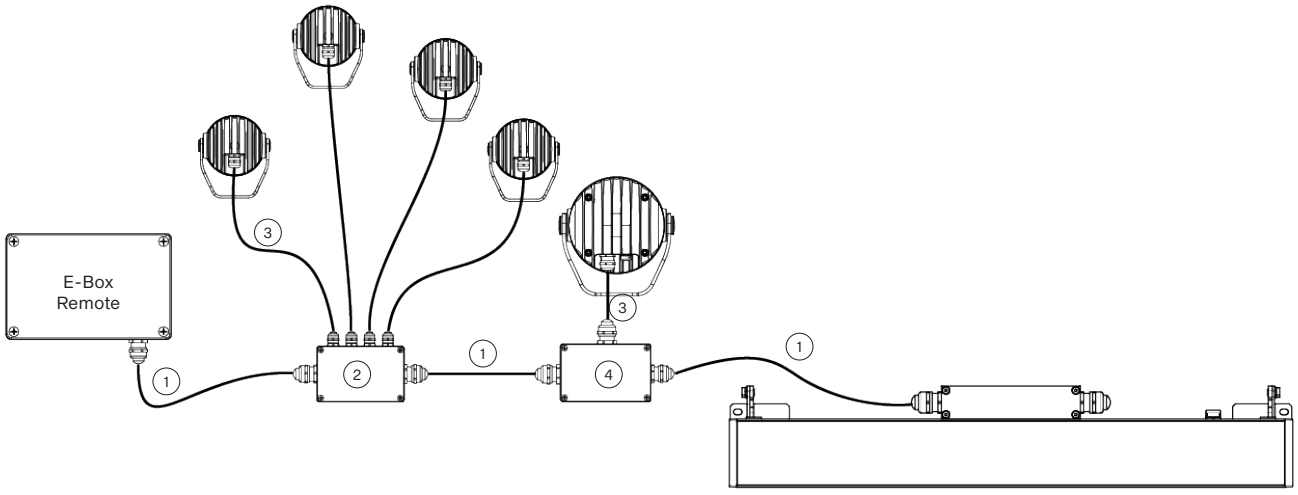
VIA E-BOX REMOTE (Calumma Remote S)

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)
3) Cable UL 20969 5x20 AWG (13053481), black
   or on request Cable UL 20969 5x20 AWG (13053696), white
4) Junction Box Remote, (1x Output)



VIA E-BOX REMOTE (Calumma XS, Calumma Remote S, Eminere Remote)

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)
3) Cable UL 20969 5x20 AWG (13053481), black
   or on request Cable UL 20969 5x20 AWG (13053696), white
4) Junction Box Remote, (1x Output)



CONNECTIVITY

The table states max. number of Calumma Remote S modules connected to the E-box Remote or Remote Basic.

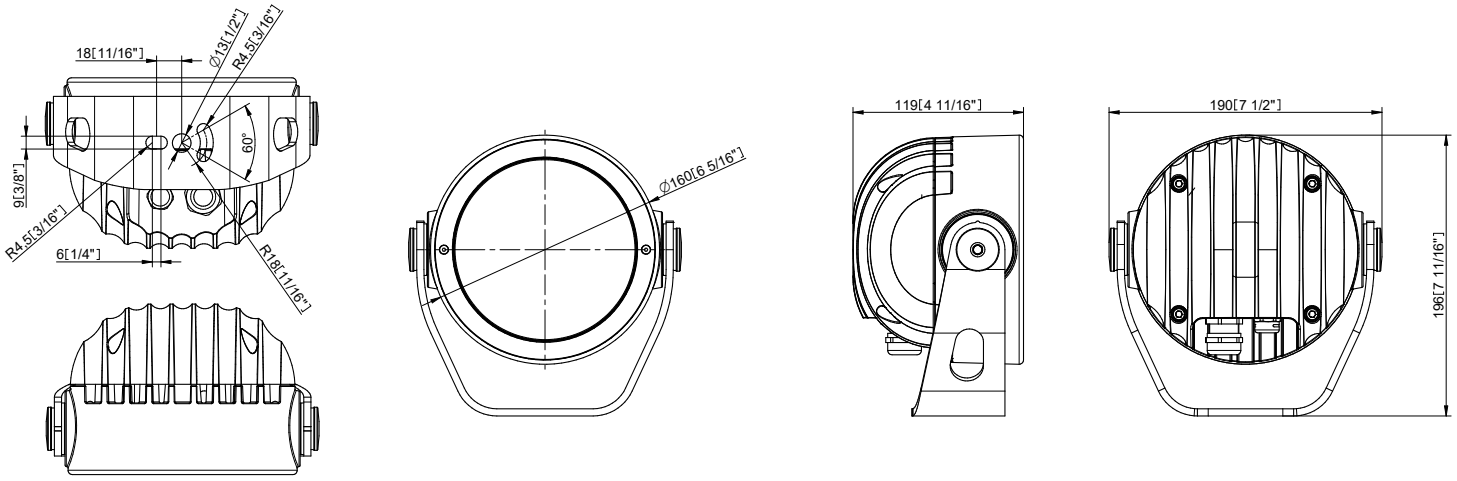
Cable length (m)	Max. number of Calumma Remote S connected to the E-Box Remote or Remote Basic
	CALUMMA REMOTE S
25	13
50	10
75	8
100	6

PROJECTED AREA

	Front (rear) - m²	Front (rear) ft²	Side - m²	Side - ft²	Top - m²	Top - ft²
Calumma S	0.023	0.250	0.019	0.207	0.018	0.196
with Top Hat	0.023	0.250	0.027	0.290	0.027	0.290
with Half Top Hat	0.023	0.250	0.022	0.232	0.027	0.290

DIMENSIONS

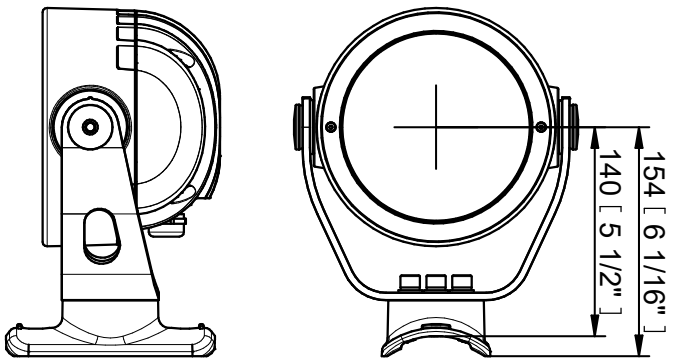
Standard Yoke



ACCESSORIES

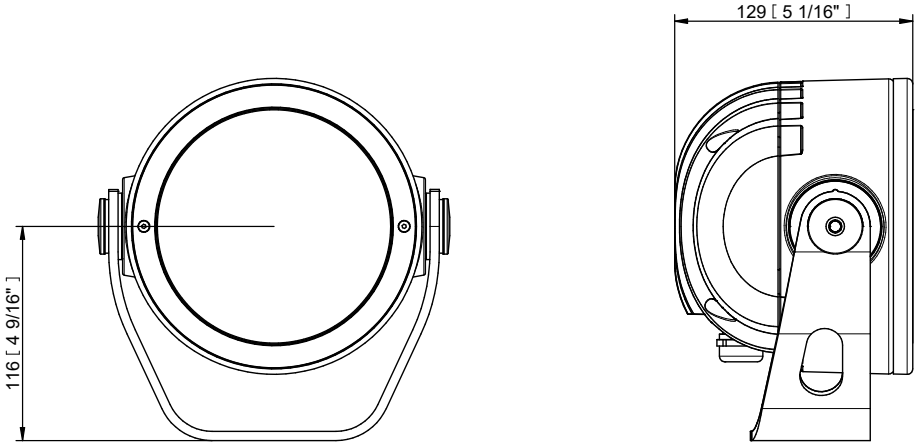
Yoke for Pole Adaptor (with Pole Adaptor / PA)

Example of ordering code: Calumma Remote S MC RGBCW 15° PA

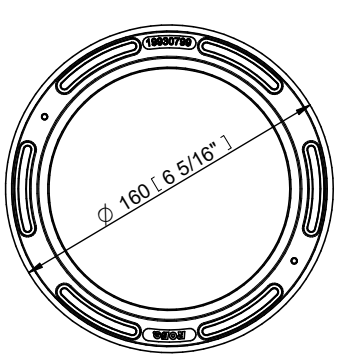


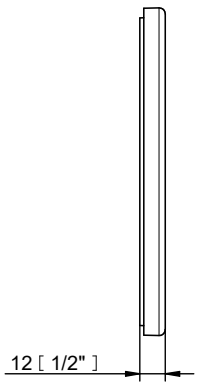
Outdoor Foil Holder for Calumma S „OFH“ version only (for permanent installation)

Example of ordering code: Calumma Remote S MC CE RGBCW 9° RAL9007 OFH

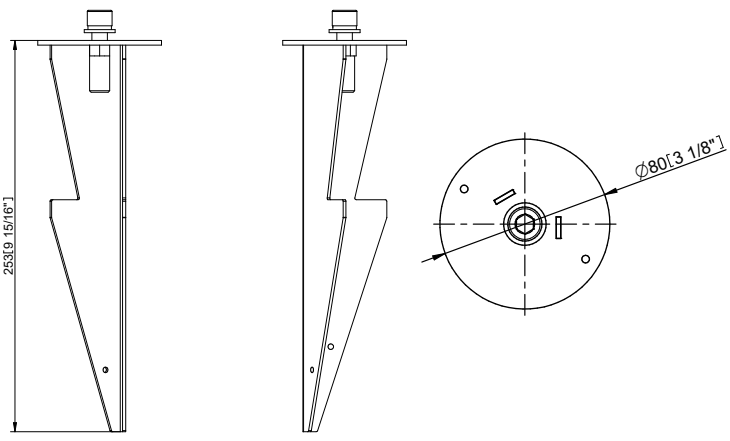


Outdoor Foil Holder for Calumma S



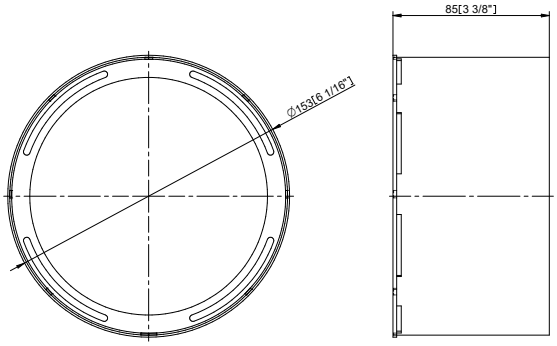


Land Spike for Calumma (S, M, L, XL)

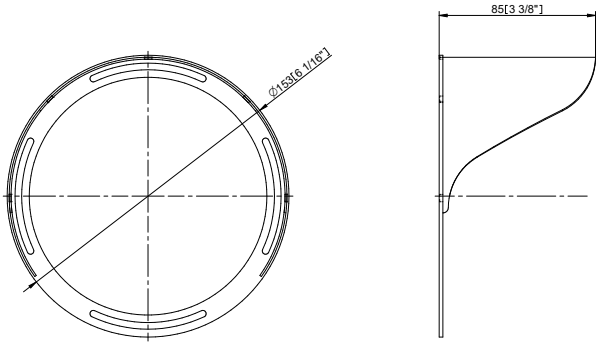


ACCESSORIES

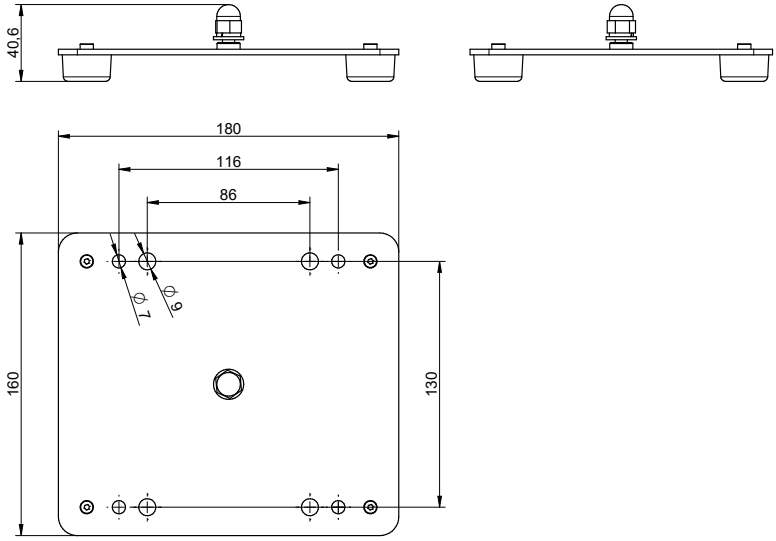
Top Hat



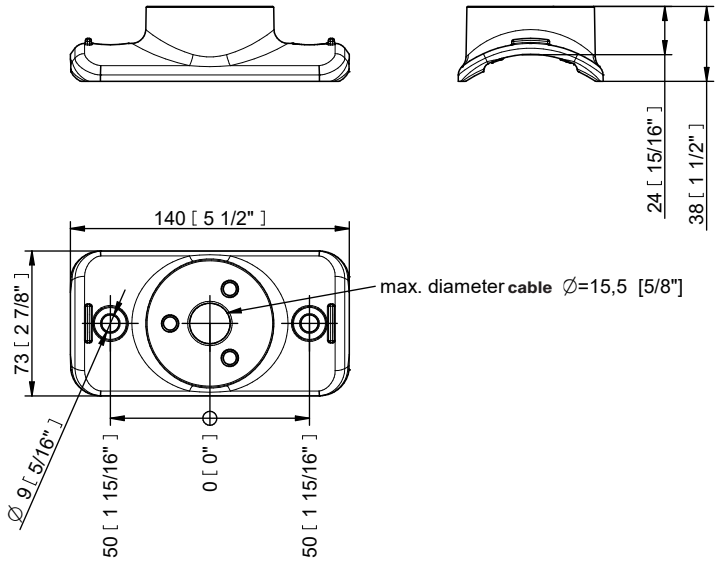
Half Top Hat



Floor Stand



Pole Adaptor

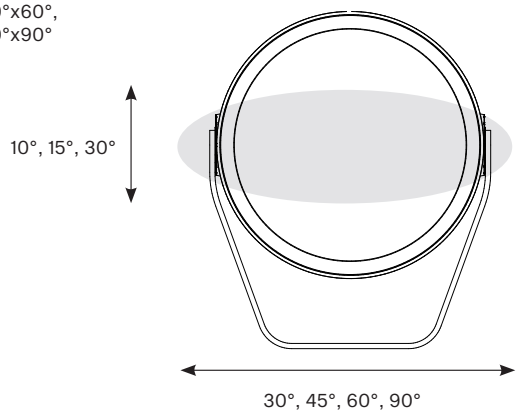


PHOTOMETRIC OVERVIEW

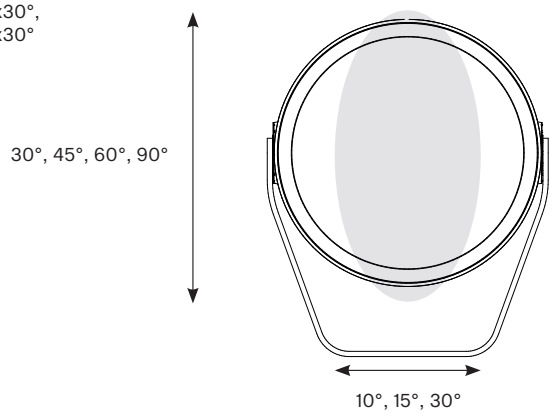
	Lumen Output (lm)		
	RGBCW (W 6500 K)	**RGBA**	**WW (W 3000 K)**
9°	998	856	851
15°	849	728	723
25°	848	727	724
30°	835	716	712
45°	847	727	723
65°	847	727	723
100°	837	718	714
10° x 30°, 30° x 10°	801	686	683
10° x 60°, 60° x 10°	891	764	759
15° x 45°, 45° x 15°	906	778	774
30° x 60°, 60° x 30°	843	723	718
30° x 90°, 90° x 30°	906	776	772
15° x 90°, 90° x 15°	902	773	769

BI-SYMMETRICAL BEAM ANGLES

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

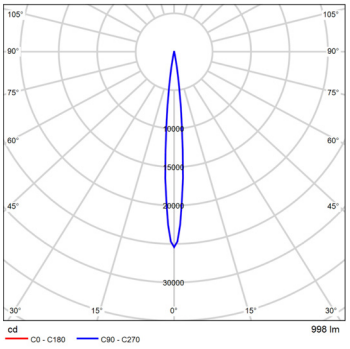


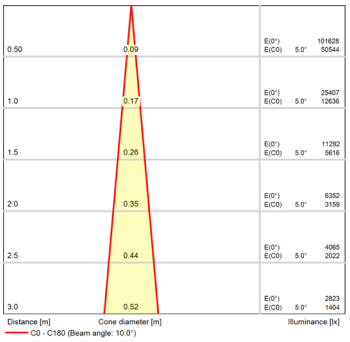
Bi-symmetrical:
30°x10°,
60°x10°,
45°x15°,
90°x15°,
60°x30°,
90°x30°



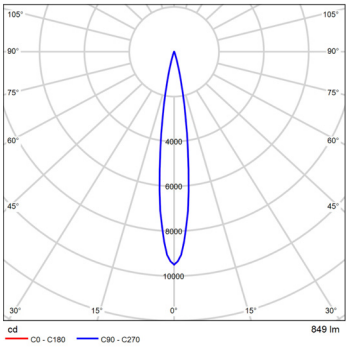
PHOTOMETRIC DATA

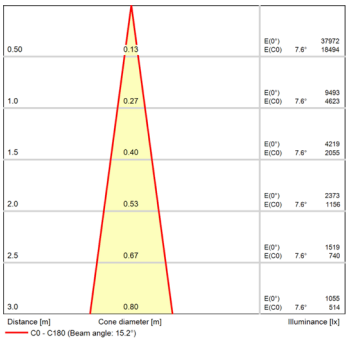
Calumma S MC RGBW 6500K 9dg



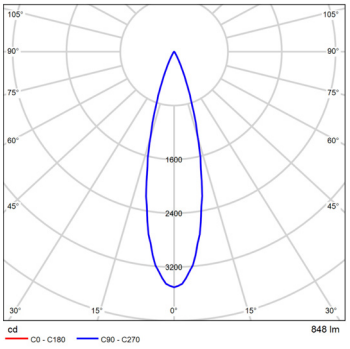


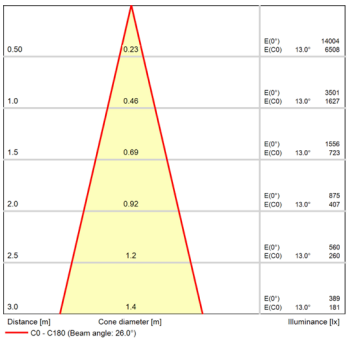
Calumma S MC RGBW 6500K 15dg



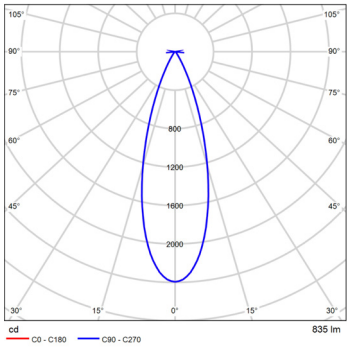


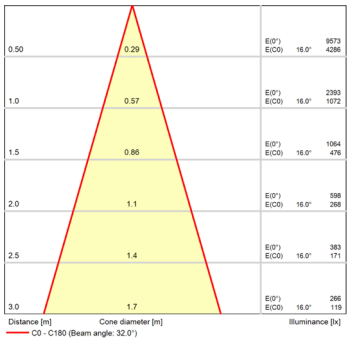
Calumma S MC RGBW 6500K 25dg



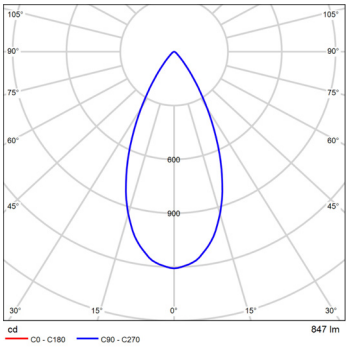


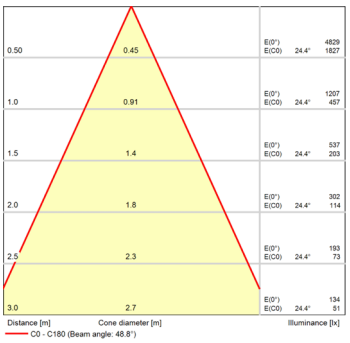
Calumma S MC RGBW 6500K 30dg



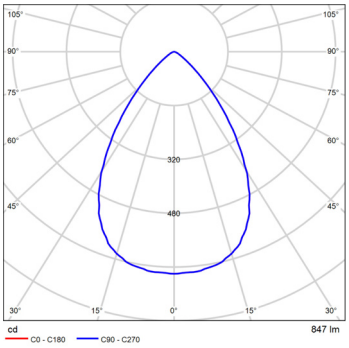


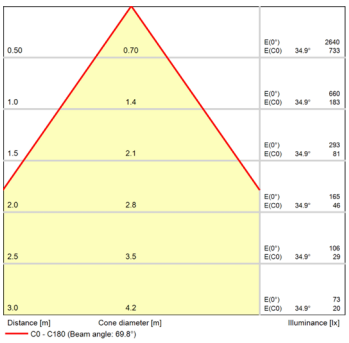
Calumma S MC RGBW 6500K 45dg



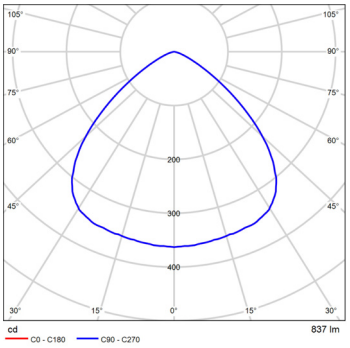


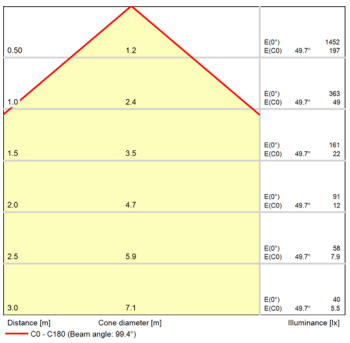
Calumma S MC RGBW 6500K 65dg





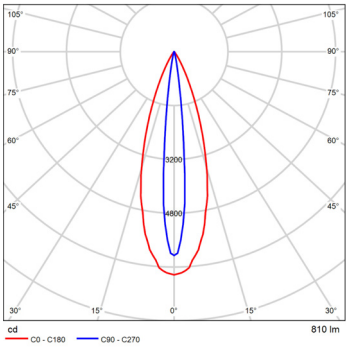
Calumma S MC RGBW 6500K 100dg

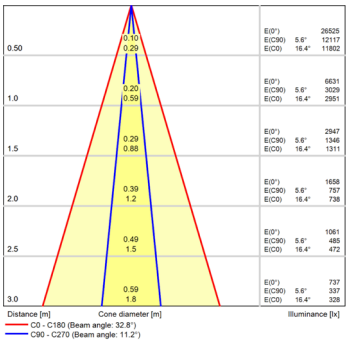




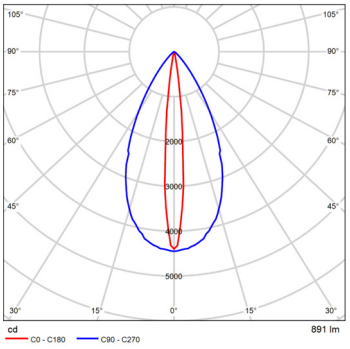
PHOTOMETRIC DATA

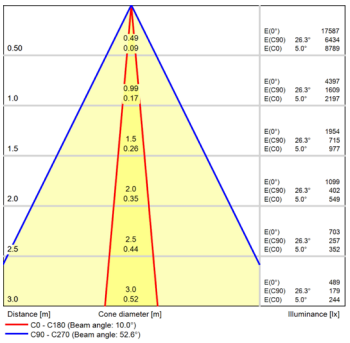
Calumma S MC RGBW 6500K
10x30dg



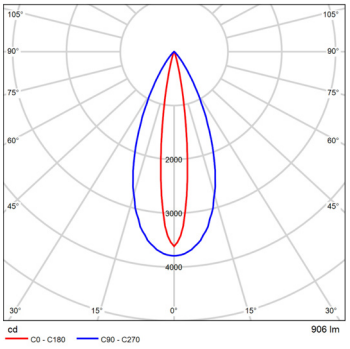


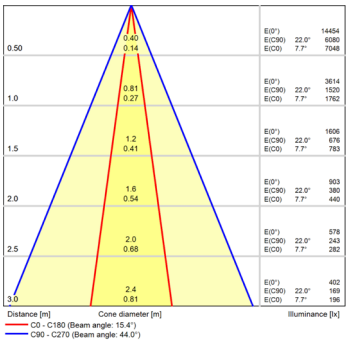
Calumma S MC RGBW 6500K
10x60dg



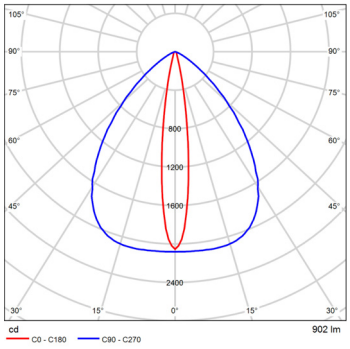


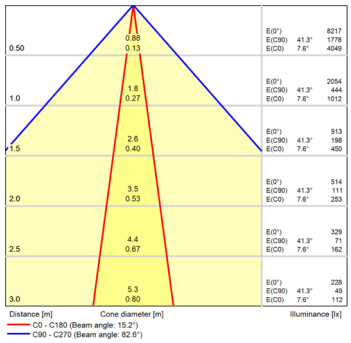
Calumma S MC RGBW 6500K
15x45dg



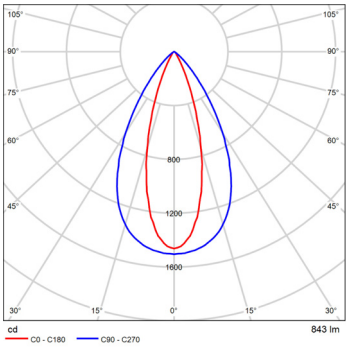


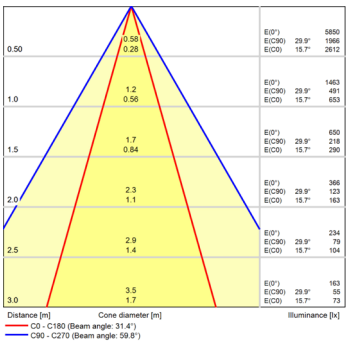
Calumma S MC RGBW 6500K
15x90dg





Calumma S MC RGBW 6500K
30x60dg





Calumma S MC RGBW 6500K
30x90dg