

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.

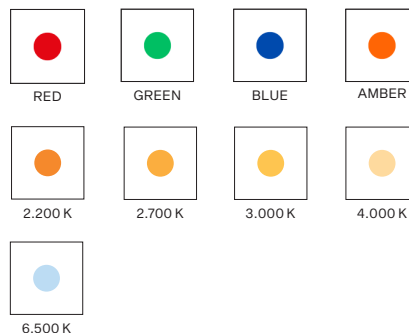
COLOURS

STANDARD



UPON REQUEST

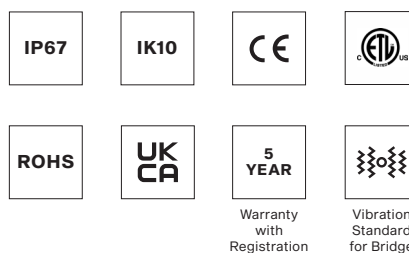
AVAILABLE COLOURS FOR CUSTOM SETUP



CONTROL & PROTOCOLS

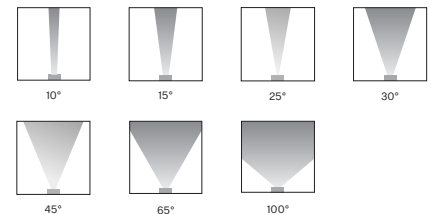


STANDARD & SPECIFICATION

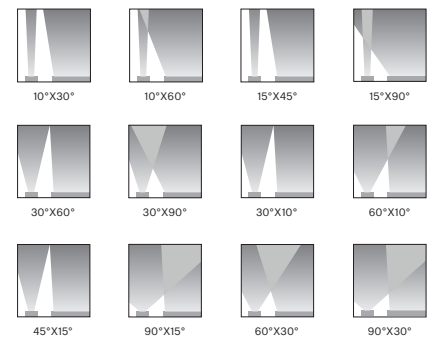


OPTIC OPTIONS

SYMMETRICAL



BI-SYMMETRICAL



FINISH OPTIONS

* CLOSEST RAL TONE
* HE = Harsh Environment



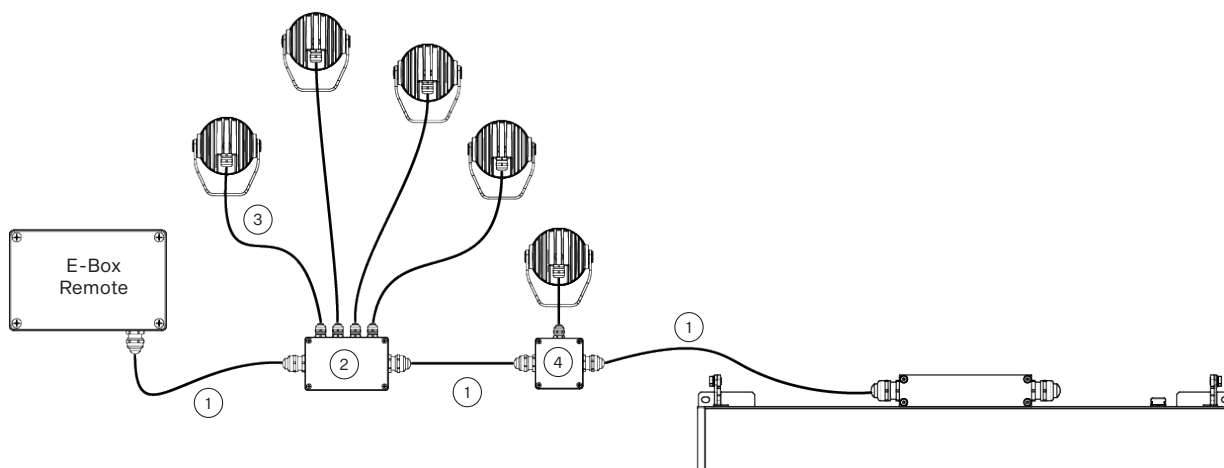
SPECIFICATION

| | | | |
|-------------------------------|--|--|---|
| 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 | |
| | | Junction Box Remote (1x or 4x Output) | |
| ACCESSORIES | Not Included Items | 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) | | |

CONTROL AND CONNECTION OPTIONS

VIA E-BOX REMOTE

- 1) SJTW 5x14 AWG (13053693), black
or on request Cable SJTW 5x14 AWG (13053697), white
- 2) Junction Box Remote, (4x Output)
- 3) UL 20969 5x20 AWG (13053481), black
or on request Cable UL 20969 5x20 AWG (13053696), white
- 4) Junction Box Remote, (1x Output)

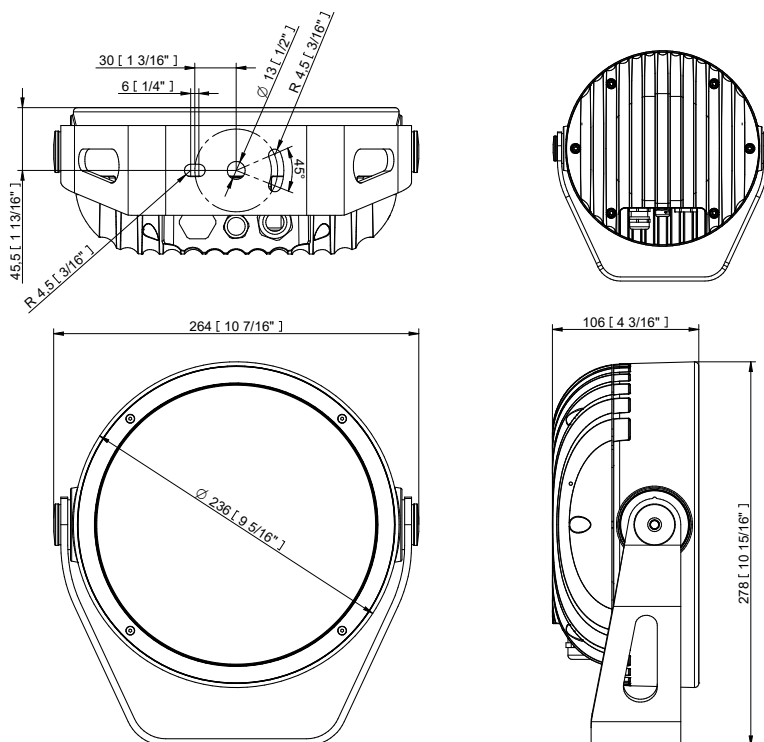


PROJECTED AREA

| | Front (rear) - m ² | Front (rear) ft ² | Side - m ² | Side - ft ² | Top - m ² | Top - ft ² |
|--------------------------|-------------------------------|------------------------------|-----------------------|------------------------|----------------------|-----------------------|
| 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 |

DIMENSIONS

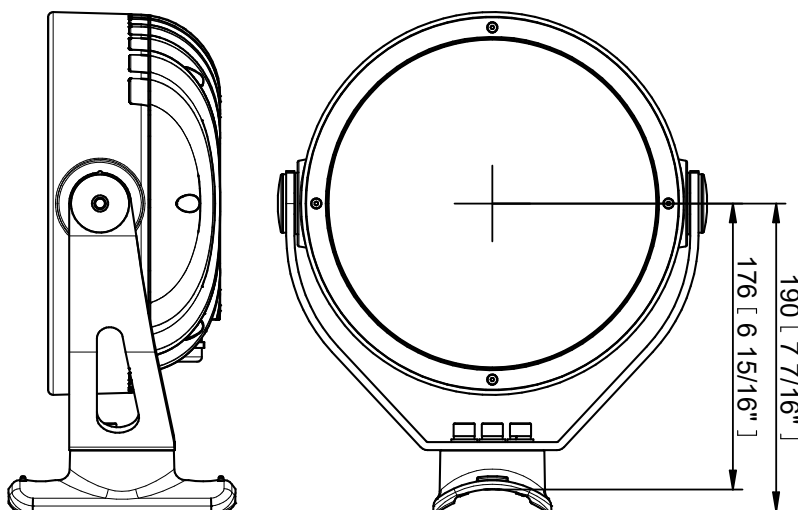
Standard Yoke



ACCESSORIES

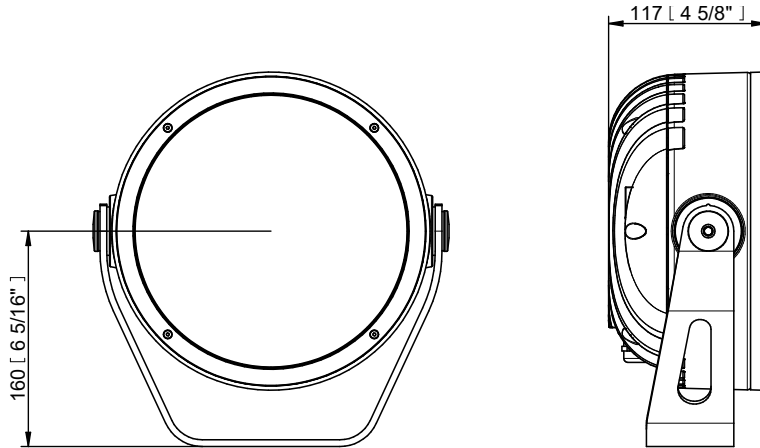
Yoke for Pole Adaptor (with Pole Adaptor / PA)

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

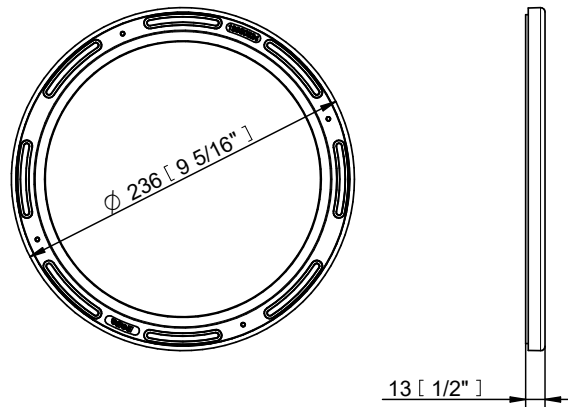


Outdoor Foil Holder for Calumma M „OFH“ version only (for permanent installation)

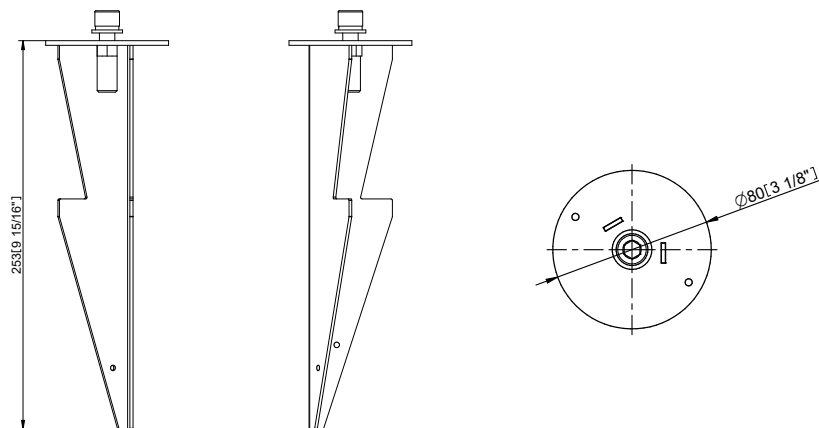
Example of ordering code: Calumma Remote M SC CE RGBCW 10° RAL9007 OFH



Outdoor Foil Holder for Calumma M

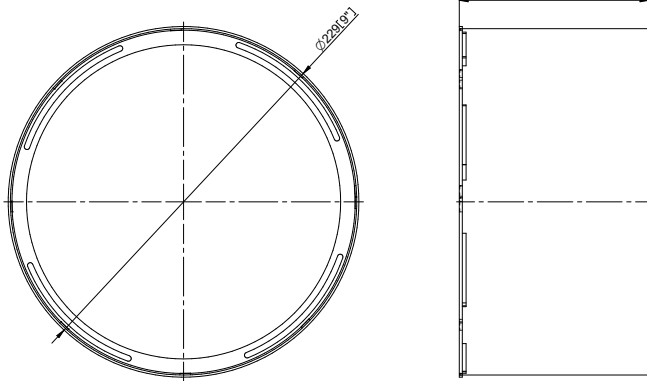


Land Spike for Calumma (S, M, L, XL)

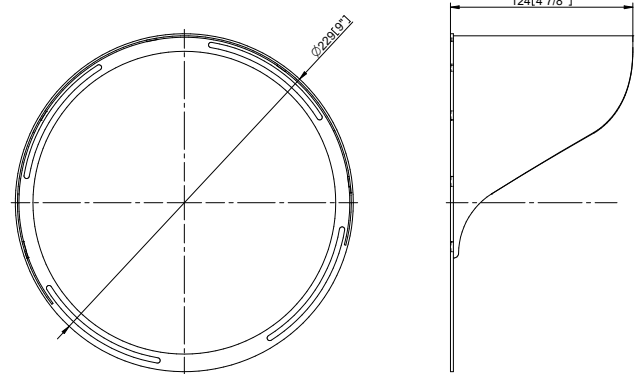


ACCESSORIES

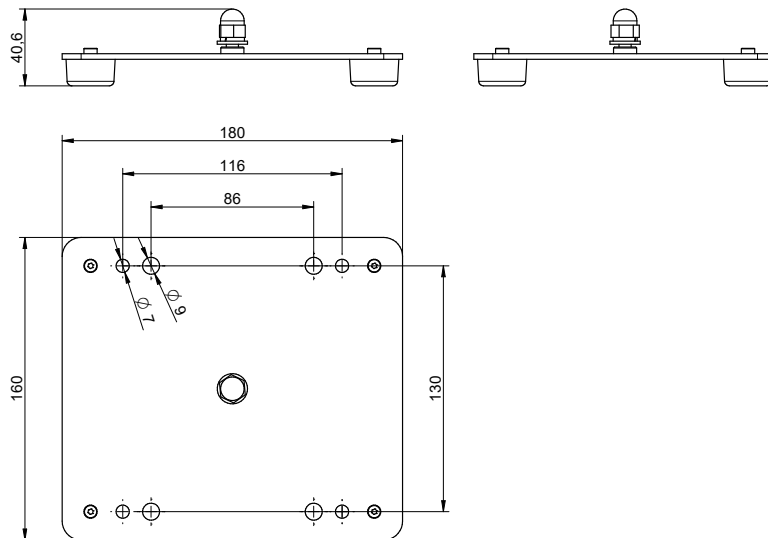
Top Hat



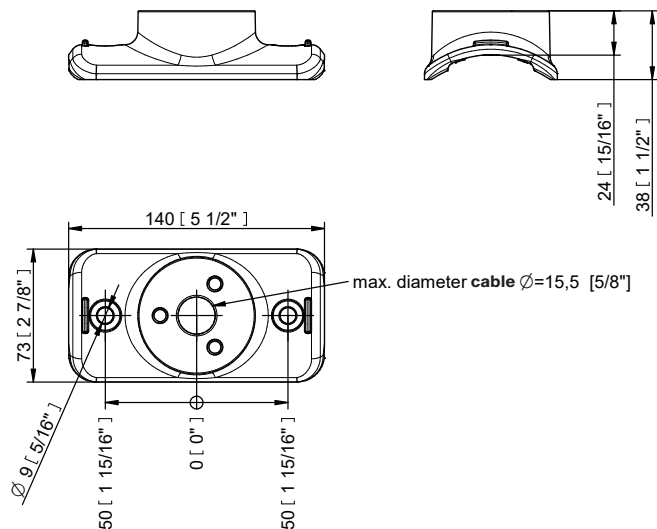
Half Top Hat



Floor Stand



Pole Adaptor



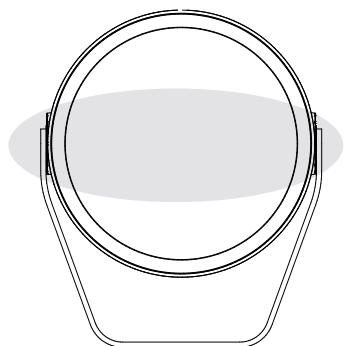
PHOTOMETRIC OVERVIEW

| | 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°

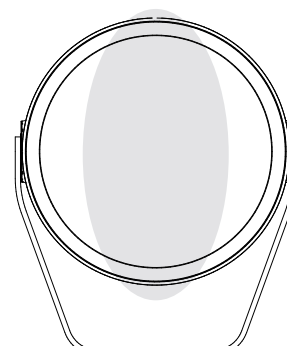
10°, 15°, 30°



30°, 45°, 60°, 90°

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

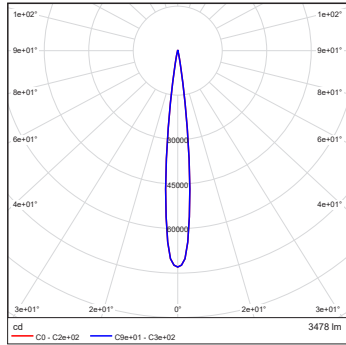
30°, 45°, 60°, 90°



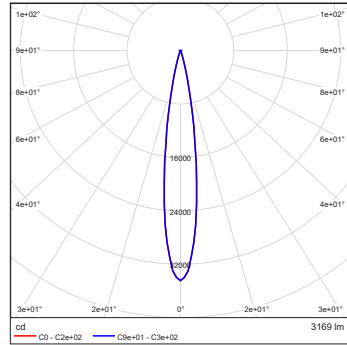
10°, 15°, 30°

PHOTOMETRIC DATA

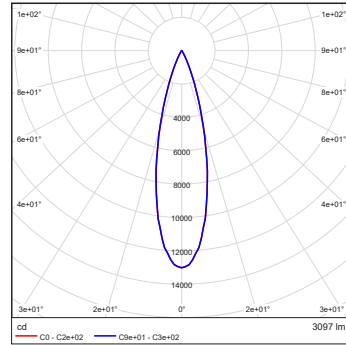
Calumma M SC RGBW 6500K 10dg



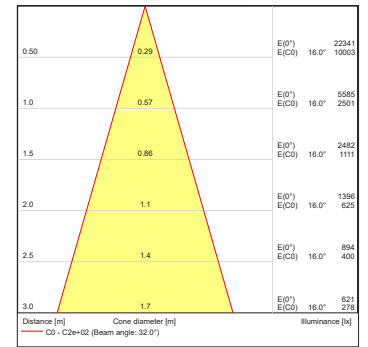
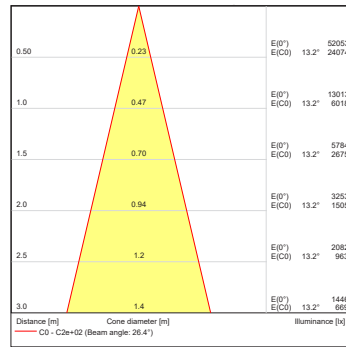
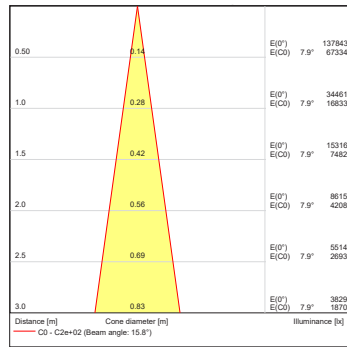
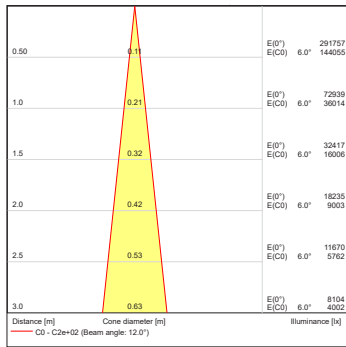
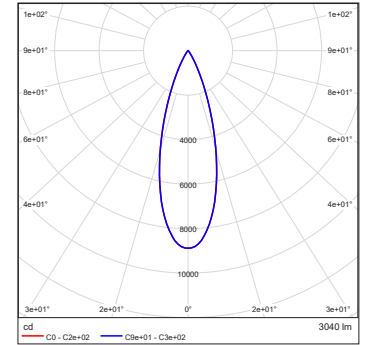
Calumma M SC RGBW 6500K 15dg



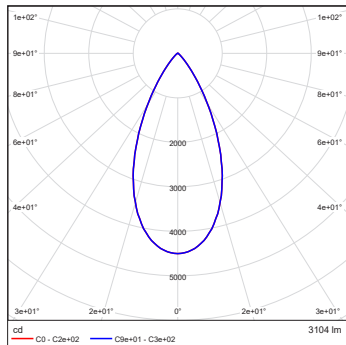
Calumma M SC RGBW 6500K 25dg



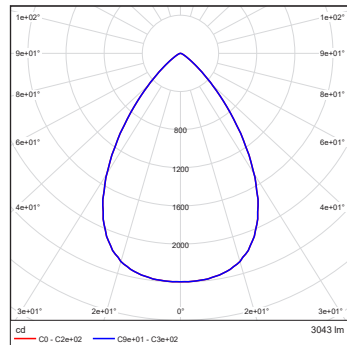
Calumma M SC RGBW 6500K 30dg



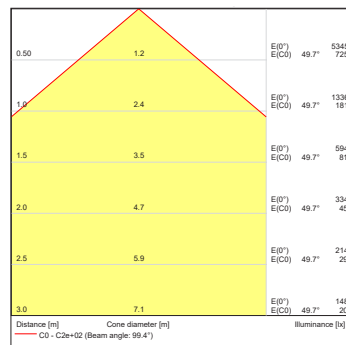
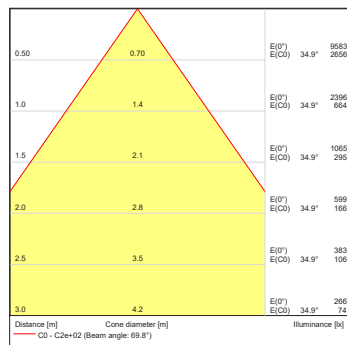
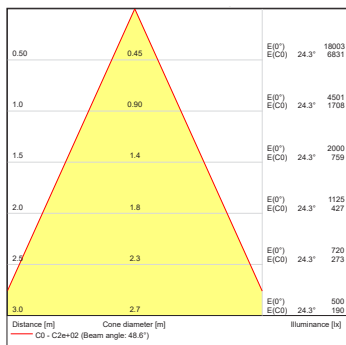
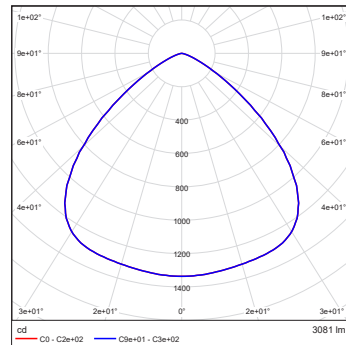
Calumma M SC RGBW 6500K 45dg



Calumma M SC RGBW 6500K 65dg

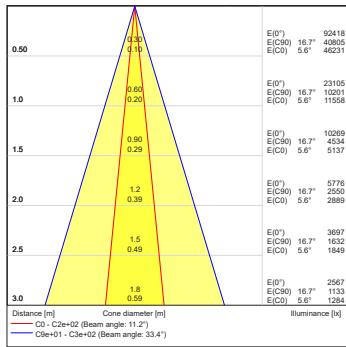
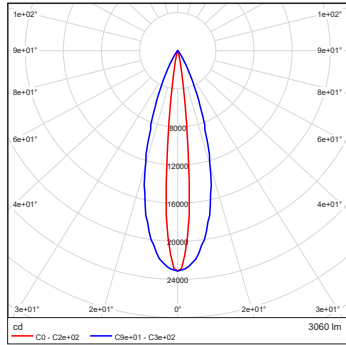


Calumma M SC RGBW 6500K 100dg

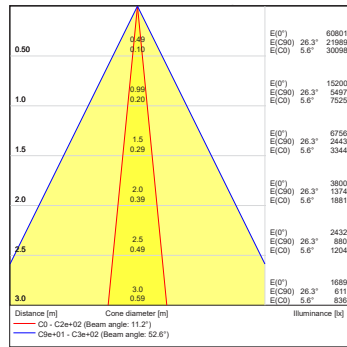
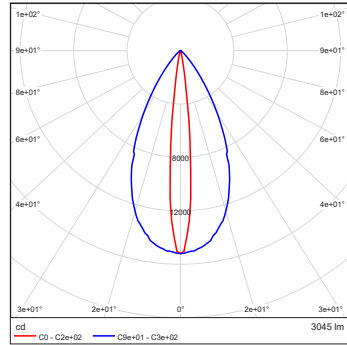


PHOTOMETRIC DATA

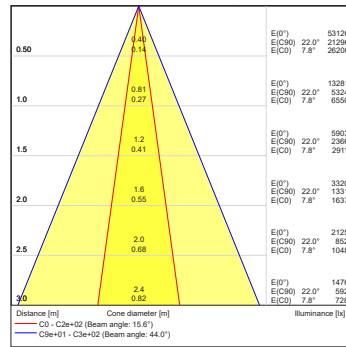
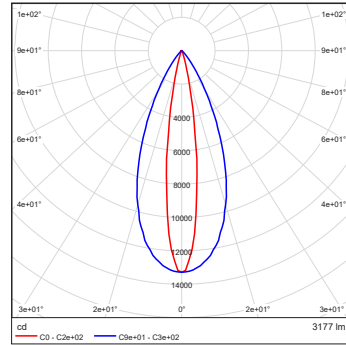
Calumma M SC RGBW 6500K
10x30dg



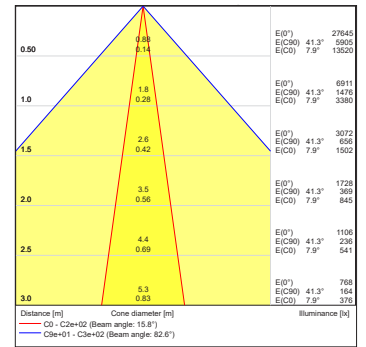
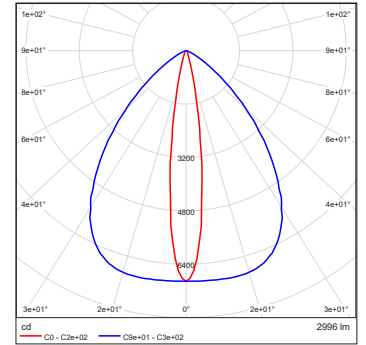
Calumma M SC RGBW 6500K
10x60dg



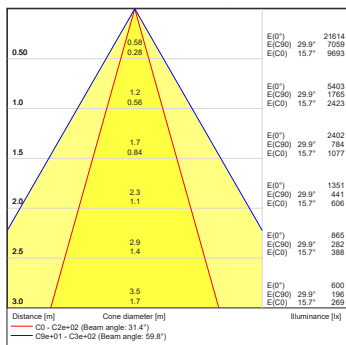
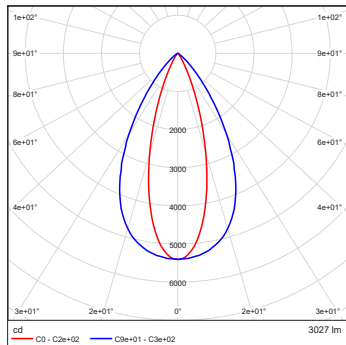
Calumma M SC RGBW 6500K
15x45dg



Calumma M SC RGBW 6500K
15x90dg



Calumma M SC RGBW 6500K
30x60dg



Calumma M SC RGBW 6500K
30x90dg

