

## 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.

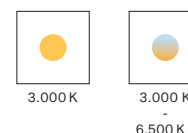
### COLOURS

\* UPON REQUEST



### COLOUR TEMPERATURE

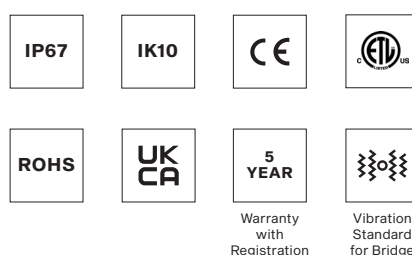
\* UPON REQUEST



### CONTROL & PROTOCOLS

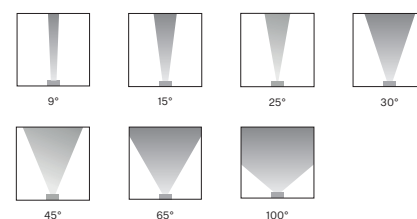


### STANDARD & SPECIFICATION

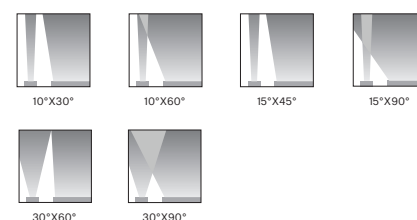


### OPTIC OPTIONS

#### SYMMETRICAL



#### BI-SYMMETRICAL



### FINISH OPTIONS

\* CLOSEST RAL TONE  
\* HE = Harsh Environment



## SPECIFICATION

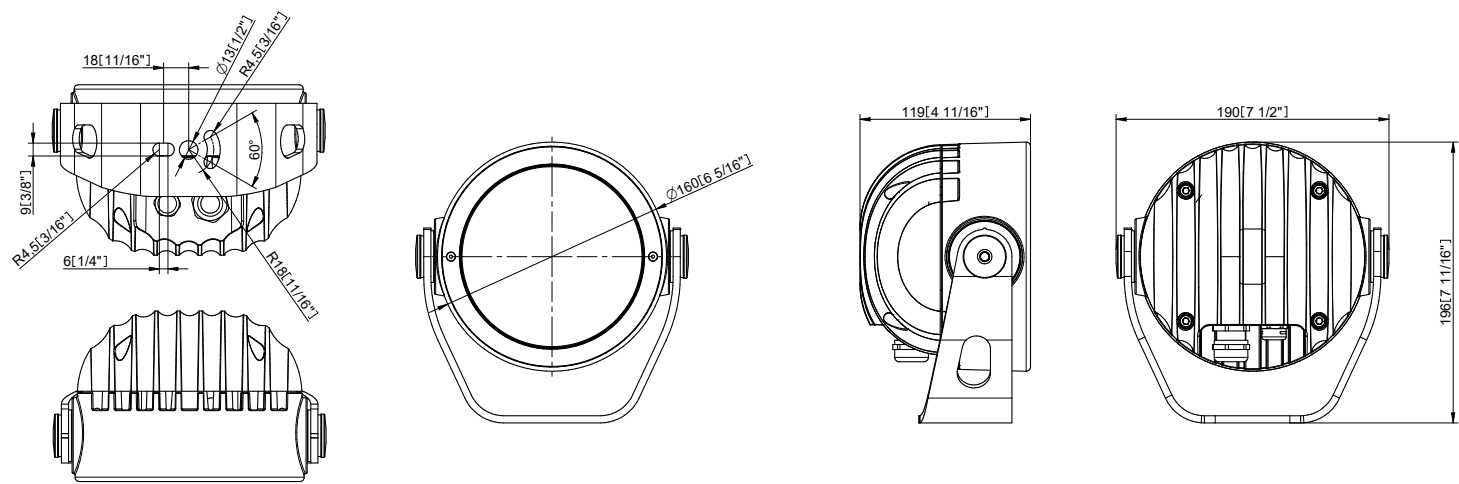
|               |                               |                                                                                                                                                                   |                                                                                               |
|---------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| ELECTRICAL    | Input Voltage                 | 48 V                                                                                                                                                              |                                                                                               |
|               | Typical Power Consumption     | 30 W +/-10 %                                                                                                                                                      |                                                                                               |
| OPTICAL       | Light Source                  | High Power Multichip LEDs                                                                                                                                         |                                                                                               |
|               | Colour Variants               | RGBW (W - 6500 K)   RGBA   PW (W - 3000 K)<br>Other Variants On Request (TW 3000 - 6500 K)                                                                        |                                                                                               |
|               | Beam Angle                    | 9°   15°   25°   30°   45°   65°   100°<br>10°x30°   30°x10°   10°x60°   60°x10°   15°x45°   45°x15°<br>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<br>Tempered Glass                                                                                                           |                                                                                               |
|               | Finish Options                | Standard Colour                                                                                                                                                   | Graphite Black RAL 9011   Grey Aluminium RAL 9007<br>Pure White RAL 9010   Sandstone RAL 1014 |
|               |                               | Standard Colour<br>Harsh Environment                                                                                                                              | Graphite Black RAL 9011   Grey Aluminium RAL 9007<br>Pure White RAL 9010   Sandstone RAL 1014 |
|               |                               | Cost Option                                                                                                                                                       | Custom RAL                                                                                    |
|               | Cables / Connections          | <b>IN</b><br>- 1 m cable with bare end<br>- Other cable length - custom<br>- 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 5x AWG20 (black or white) - Calumma Remote input cable                                                                                              |                                                                                               |
|               |                               | Cable SJTW 5x AWG14 (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                                                                                                                                      |                                                                                               |
|               |                               | Tenon Adaptor                                                                                                                                                     |                                                                                               |
|               |                               | Pole Adaptor (ø 102mm) (Yoke for Pole Adaptor Required)                                                                                                           |                                                                                               |
|               |                               |                                                                                                                                                                   |                                                                                               |

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

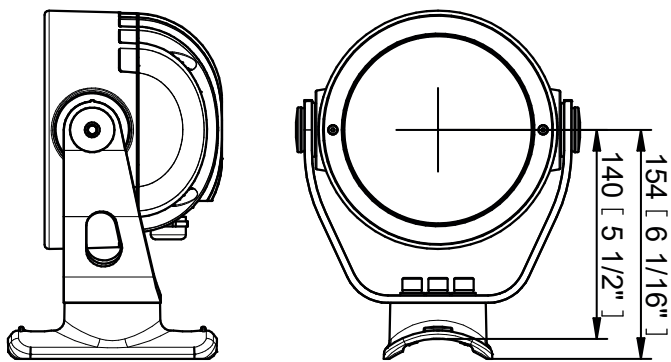
Standard Yoke



ACCESSORIES

Yoke for Pole Adaptor (with Pole Adaptor / PA)

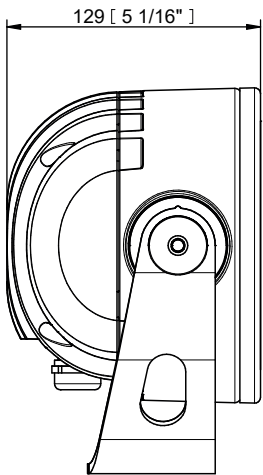
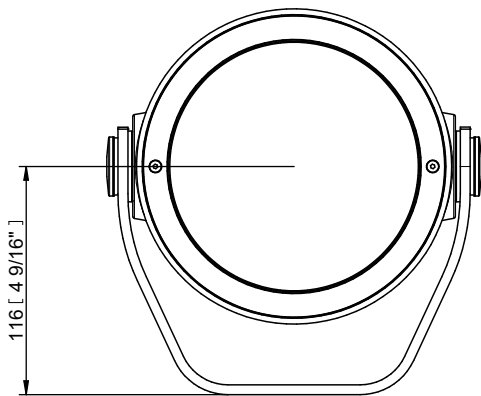
Example of ordering code: Calumma Remote S MC RGBW 15° PA



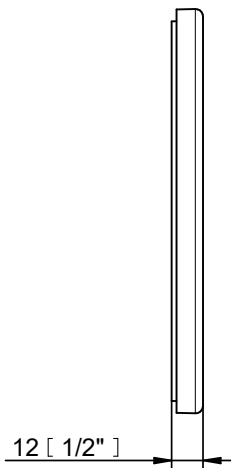
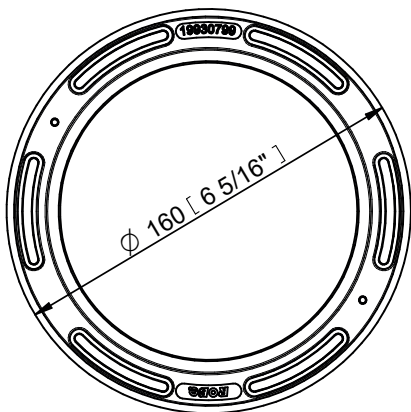
SPECIFICATION SHEET  
CALUMMA REMOTE S MC

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

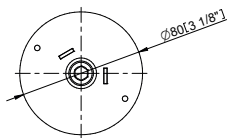
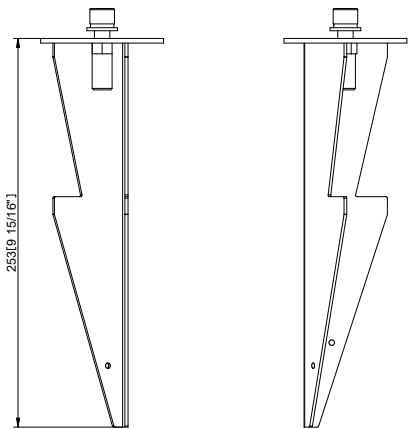
Example of ordering code: Calumma Remote S MC CE RGBCW 9° RAL9007 OFH



Outdoor Foil Holder for Calumma S

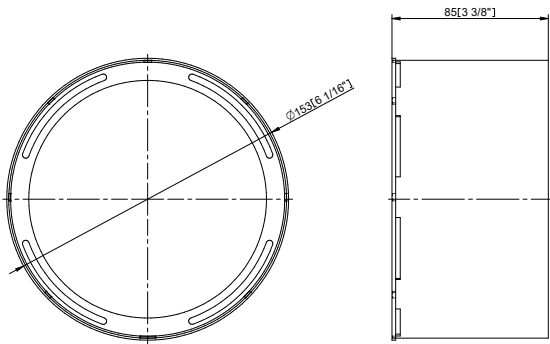


Land Spike for Calumma (S, M, L, XL)

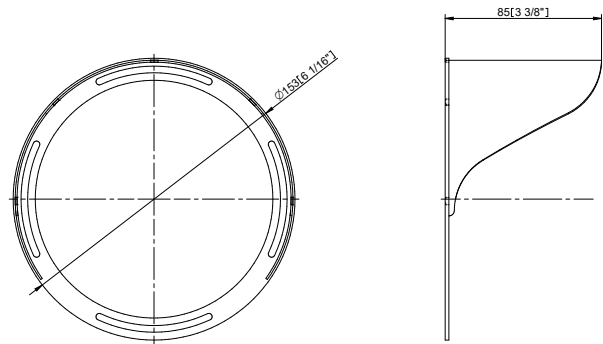


ACCESSORIES

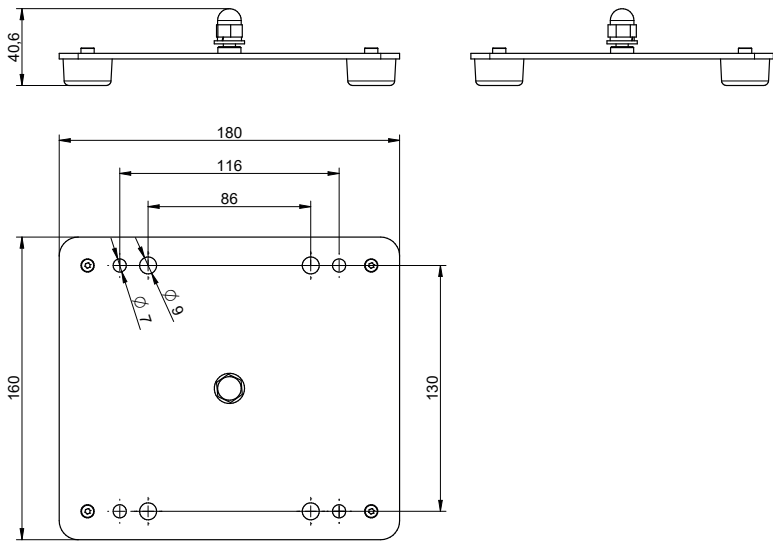
Top Hat



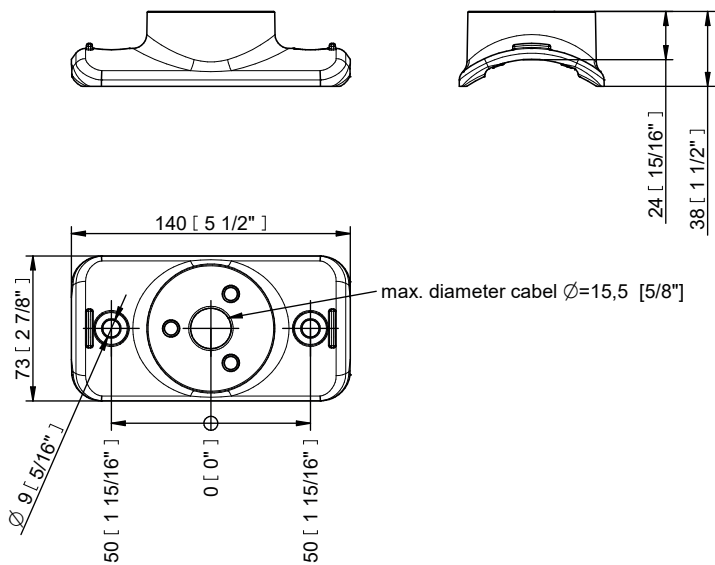
Half Top Hat



Floor Stand

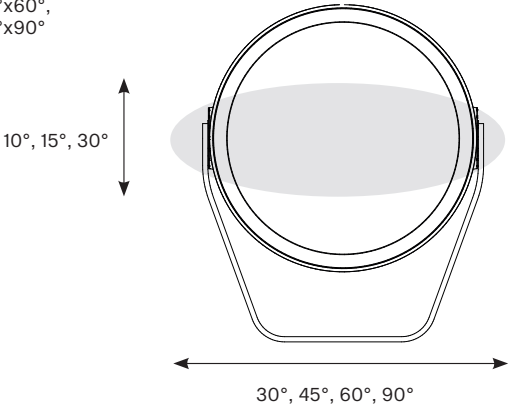


Pole Adaptor

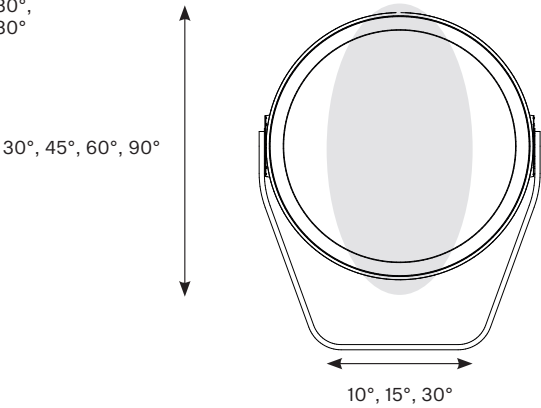


BI-SYMMETRICAL BEAM ANGLES

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 OVERVIEW

| Lumen Output (lm)    |                  |      |               |
|----------------------|------------------|------|---------------|
|                      | RGBCW (W 6500 K) | RGBA | WW (W 3000 K) |
| 9°                   | 993              | 852  | 847           |
| 15°                  | 768              | 659  | 655           |
| 25°                  | 762              | 653  | 650           |
| 30°                  | 751              | 644  | 640           |
| 45°                  | 761              | 653  | 649           |
| 65°                  | 761              | 653  | 649           |
| 100°                 | 753              | 646  | 642           |
| 10° x 30°, 30° x 10° | 720              | 617  | 614           |
| 10° x 60°, 60° x 10° | 800              | 686  | 682           |
| 15° x 45°, 45° x 15° | 815              | 699  | 695           |
| 30° x 60°, 60° x 30° | 757              | 649  | 645           |
| 30° x 90°, 90° x 30° | 816              | 700  | 696           |
| 15° x 90°, 90° x 15° | 904              | 773  | 769           |

CONNECTION

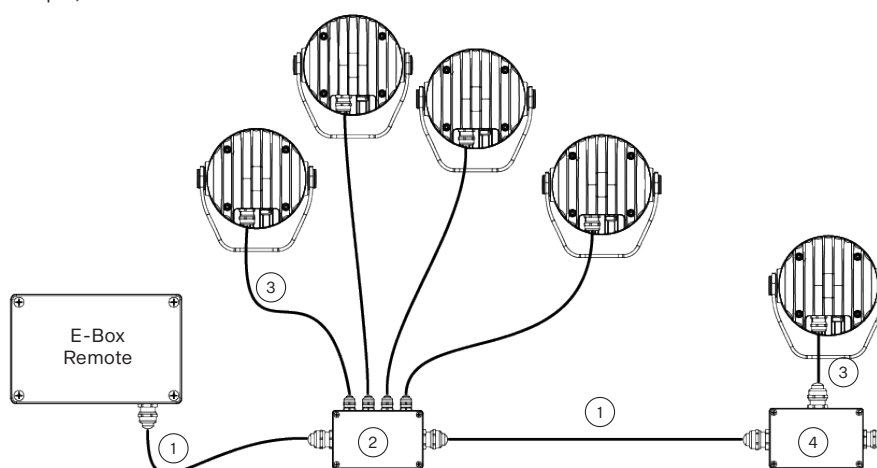
The table states max. number of Calumma Remote S modules connected to the E-box Remote or Remote Basic.

| 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                                                                             |

## CONTROL AND CONNECTION OPTIONS

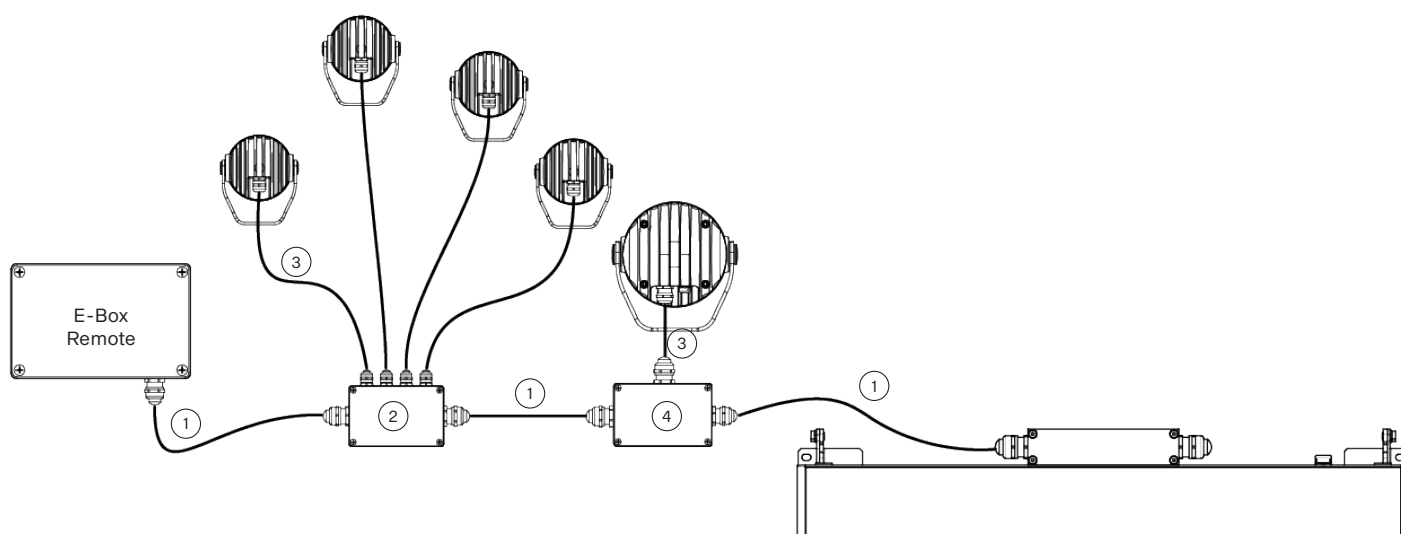
### Via E-Box REMOTE (Calumma Remote S)

- 1) SJTW 5x 14AWG (1305 3336), black or On request Cable SJTW 5x 14AWG (13053697), white
- 2) Junction Box Remote, (4x Output)
- 3) Cable UL 20969 5x 20AWG (13053481), black or On request Cable UL 20969 5x 20AWG (13053696), white
- 4) Junction Box Remote, (1x Output)



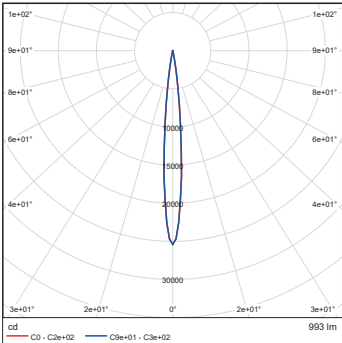
### Via E-Box REMOTE (Calumma XS, Calumma Remote S, Eminere Remote)

- 1) SJTW 5x 14AWG (1305 3336), black or On request Cable SJTW 5x 14AWG (13053697), white
- 2) Junction Box Remote, (4x Output)
- 3) Cable UL 20969 5x 20AWG (13053481), black or On request Cable UL 20969 5x 20AWG (13053696), white
- 4) Junction Box Remote, (1x Output)

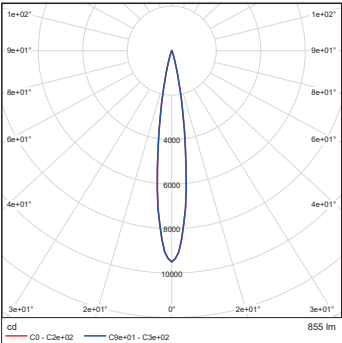


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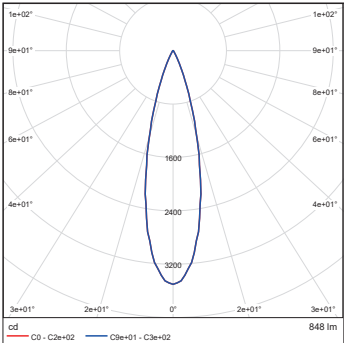
Calumma S MC RGBW 6500K 10dg



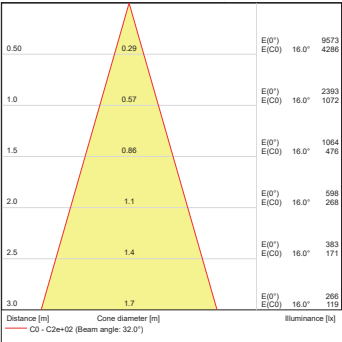
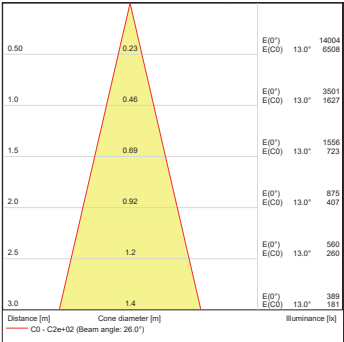
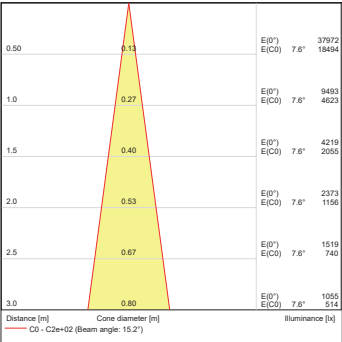
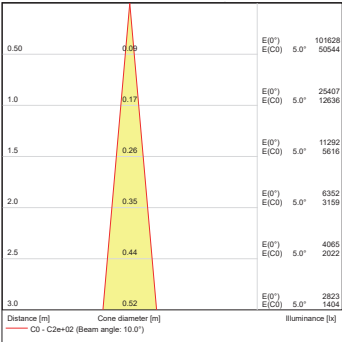
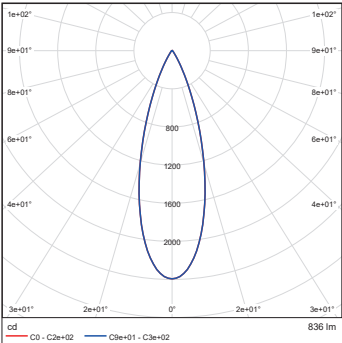
Calumma S MC RGBW 6500K 15dg



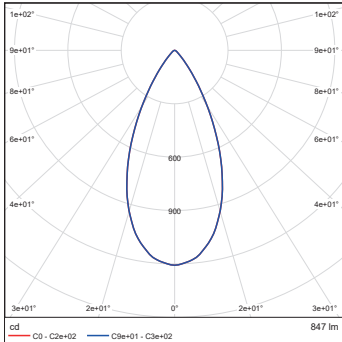
Calumma S MC RGBW 6500K 25dg



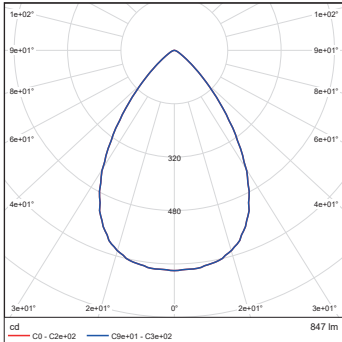
Calumma S MC RGBW 6500K 30dg



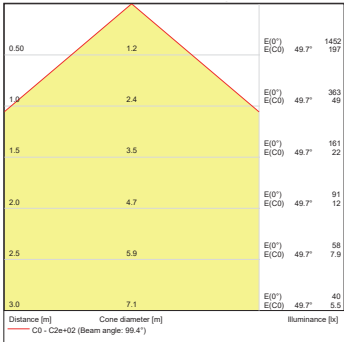
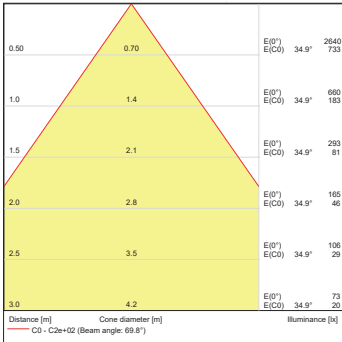
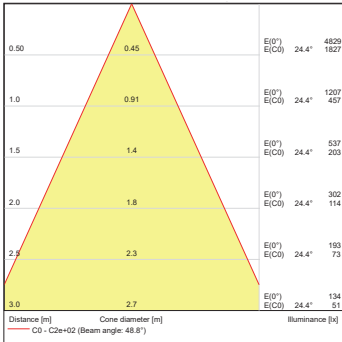
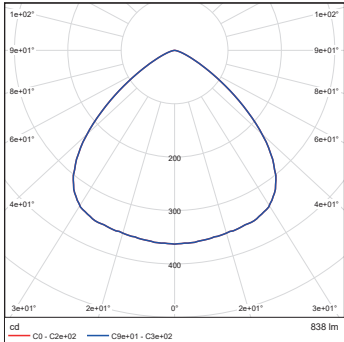
Calumma S MC RGBW 6500K 45dg



Calumma S MC RGBW 6500K 65dg

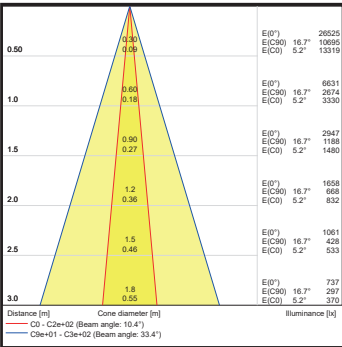
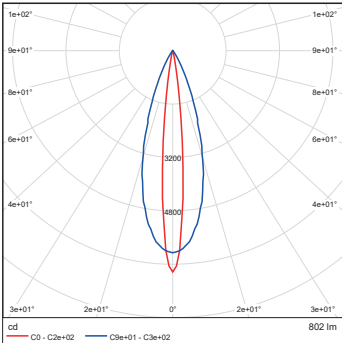


Calumma S MC RGBW 6500K 100dg

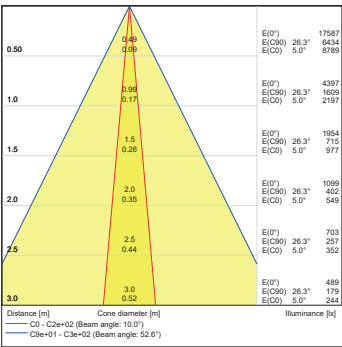
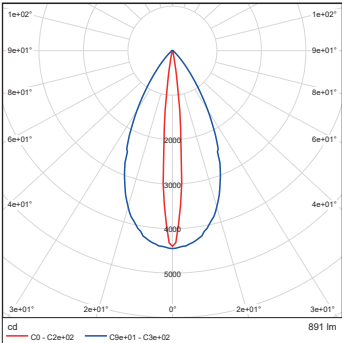


PHOTOMETRIC DATA

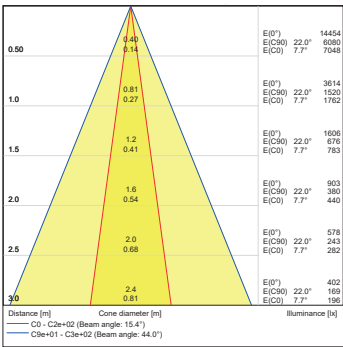
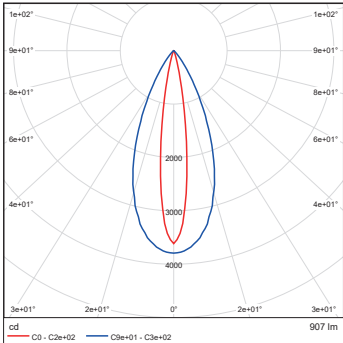
Calumma S MC RGBW 6500K  
10x30dg



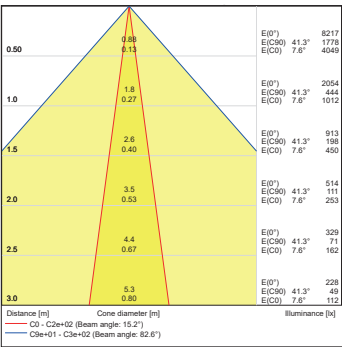
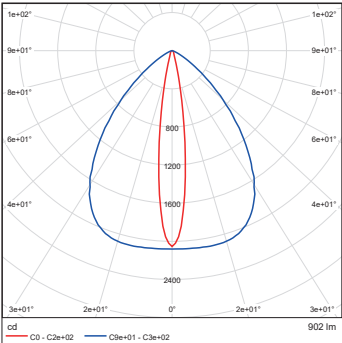
Calumma S MC RGBW 6500K  
10x60dg



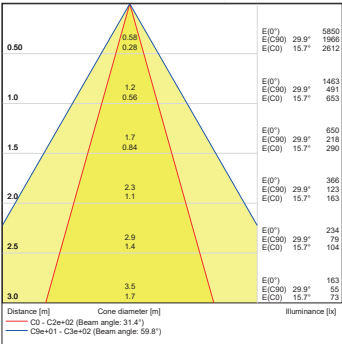
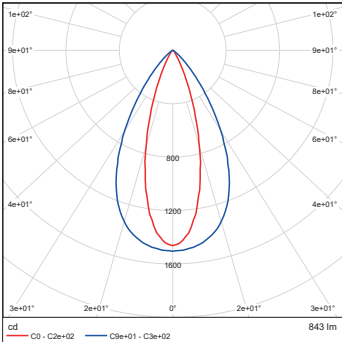
Calumma S MC RGBW 6500K  
15x45dg



Calumma S MC RGBW 6500K  
15x90dg



Calumma S MC RGBW 6500K  
30x60dg



Calumma S MC RGBW 6500K  
30x90dg

