

## APPOLI™ S MC

Featuring an optical design using four high efficacy multi-chip LEDs and available with optional LED colour variants and various beam angles, the small-sized Appoli 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 four high-power, multi-chip LEDs provides up to 1100 lm (@9° RGBW, 30W) lumen output. Multiple LED colour variants. No light spills. Perfectly homogenised light output.

#### 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

Appoli S MC can be connected via an E-Box for almost effortless installation. DMX512+RDM and wide range of Ethernet protocols are available for E-Box control. DMX/RDM interface protocols facilitate standard connection options.

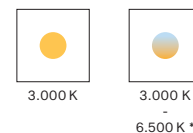
### COLOURS

\* UPON REQUEST



### COLOUR TEMPERATURE

\* UPON REQUEST

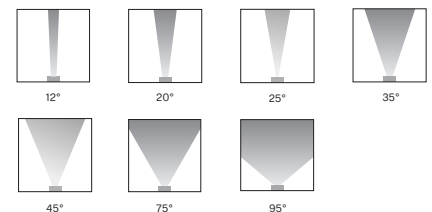


### CONTROL & PROTOCOLS

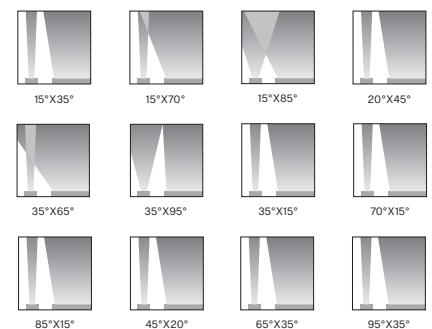


### OPTIC OPTIONS

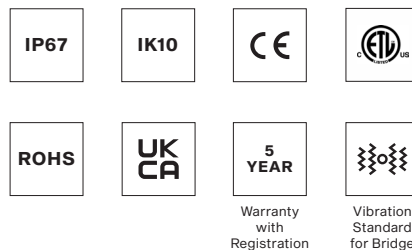
#### SYMMETRICAL



#### BI-SYMMETRICAL



### STANDARD & SPECIFICATION



### FINISH OPTIONS

\* CLOSEST RAL TONE  
\* HE = Harsh Environment



SPECIFICATION

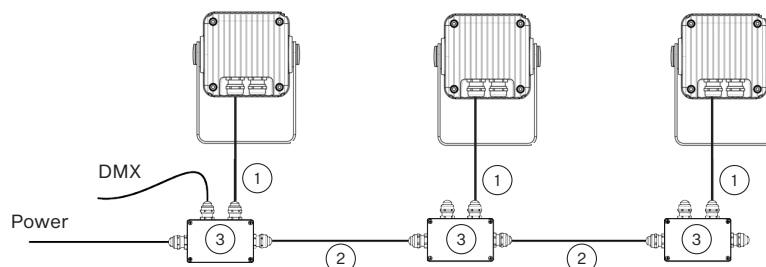
|               |                               |                                                                                                                       |                                                                                               |
|---------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| ELECTRICAL    | Input Voltage                 | 120–277 V AC 50/60 Hz                                                                                                 |                                                                                               |
|               | Typical Power Consumption     | 30 W +/-10 %                                                                                                          |                                                                                               |
| OPTICAL       | Light Source                  | High Power Multichip LEDs                                                                                             |                                                                                               |
|               | Colour Variants               | RGBW (W - 6500 K)   RGBA   PW (W - 3000 K)                                                                            |                                                                                               |
|               |                               | Other Variants On Request (TW 3000–6500 K)                                                                            |                                                                                               |
|               | Beam Angle                    | 12°   20°   25°   35°   45°   75°   95°                                                                               |                                                                                               |
|               |                               | 15°x35°   15°x70°   15°x85°   20°x45°   35°x65°   35°x95°   35°x15°   70°x15°   85°x15°   45°x20°   65°x35°   95°x35° |                                                                                               |
|               | Lumen Output Delivered        | 1100 lm (@9° RGBW) <b>TBC</b>                                                                                         |                                                                                               |
|               | Projected Lumen Maintenance   | L90B10 >90.000 hrs, Ta = 25°C / 77°F                                                                                  |                                                                                               |
| CONTROL       | Interface Protocol            | DMX/RDM                                                                                                               |                                                                                               |
|               | Control System                | Third Party DMX Controllers                                                                                           |                                                                                               |
|               | Operating Modes               | DMX, Stand-alone                                                                                                      |                                                                                               |
|               | Settings / Addressing         | E-Box, RDM communicator                                                                                               |                                                                                               |
|               | Power Supply                  | Integrated                                                                                                            |                                                                                               |
| PHYSICAL      | Width x Height x Depth        | 153 x 192 x 146 mm (6.0 x 7.6 x 5.8 in.)                                                                              |                                                                                               |
|               | Weight                        | 3 kg   6.6 lbs                                                                                                        |                                                                                               |
|               | Housing                       | High Pressure Die-Cast Aluminium Body                                                                                 |                                                                                               |
|               |                               | 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                                                                                    |
|               | Connections                   | <b>IN<br/>(for DMX, DALI):</b>                                                                                        | - 1 m cable with bare end<br>- Other cable length - custom<br>- Junction box - optional       |
|               | Mounting Method               | Yoke or Yoke for Pole Adaptor                                                                                         |                                                                                               |
|               | Adjustability                 | +40°/-14°                                                                                                             |                                                                                               |
|               | 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            | Optical Demo Set for Appoli S                                                                                         |                                                                                               |
|               |                               | Optical Foil Set for Outdoor Foil Holder Appoli S                                                                     |                                                                                               |
|               |                               | Outdoor Foil Holder for Appoli S                                                                                      |                                                                                               |
|               |                               | Top Hat for Appoli S                                                                                                  |                                                                                               |
|               |                               | Half Top Hat for Appoli S                                                                                             |                                                                                               |
|               |                               | Floor Stand for Appoli S                                                                                              |                                                                                               |
|               |                               | Pole Adaptor (ø 102mm) (Yoke for Pole Adaptor Required)                                                               |                                                                                               |
|               |                               | Barndoors for Appoli S                                                                                                |                                                                                               |

## CONTROL AND CONNECTION OPTIONS - CE

### DMX

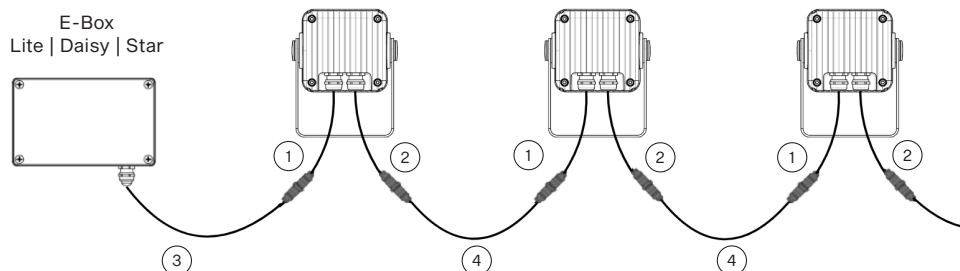
A

- 1) Flamar 3x16 AWG + 1x(2x 24 AWG)  
Standard 1 m with bare-end, (13051508), black or  
Hybrid Cable HYB-5731ZH LSZH (13053694), white
- 2) Flamar 3x16 AWG + 1x(2x24 AWG), (13051508), black  
or Hybrid Cable HYB-5731ZH LSZH (13053694), white  
or Scope of Others
- 3) Junction Box



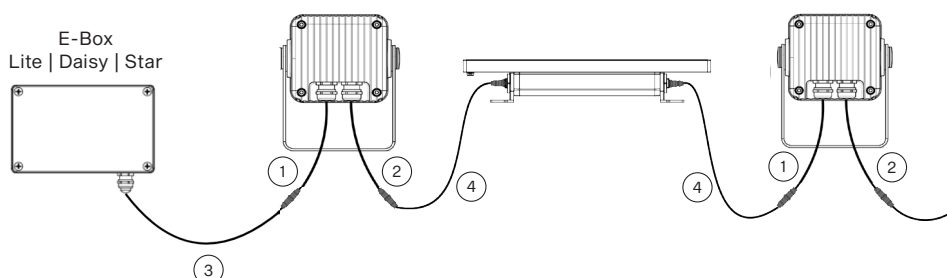
B

- 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.

OR



- 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 Appoli S, Calumma S-XL / Eminere CE (10981268 for RAL9011)
- 4) Flamar 3x16 AWG + 1x(2x24 AWG) Standard 1 m with bare-end (13051508), black or Hybrid Cable HYB-5731ZH LSZH (13053694), white
- 5) Junction 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

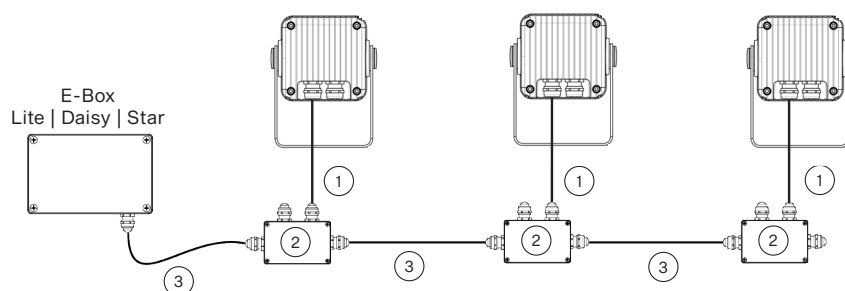
The diagram illustrates a daisy chain connection for three E-Box units. On the left, an 'E-Box Lite | Daisy | Star' unit is shown. A cable labeled '3' connects its output to the input of the first 'E-Box' unit. This first unit is labeled '1' and '2'. A cable labeled '3' connects its output to the input of the second 'E-Box' unit, which is also labeled '1' and '2'. Finally, a cable labeled '3' connects the output of the second unit to the input of the third 'E-Box' unit, which is also labeled '1' and '2'.

## CONTROL AND CONNECTION OPTIONS - US

### 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

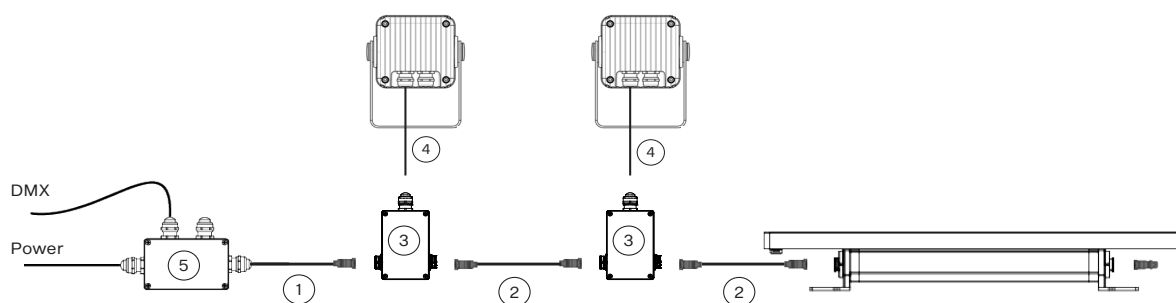
**Note: E-Box has to be in pass through mode only.**



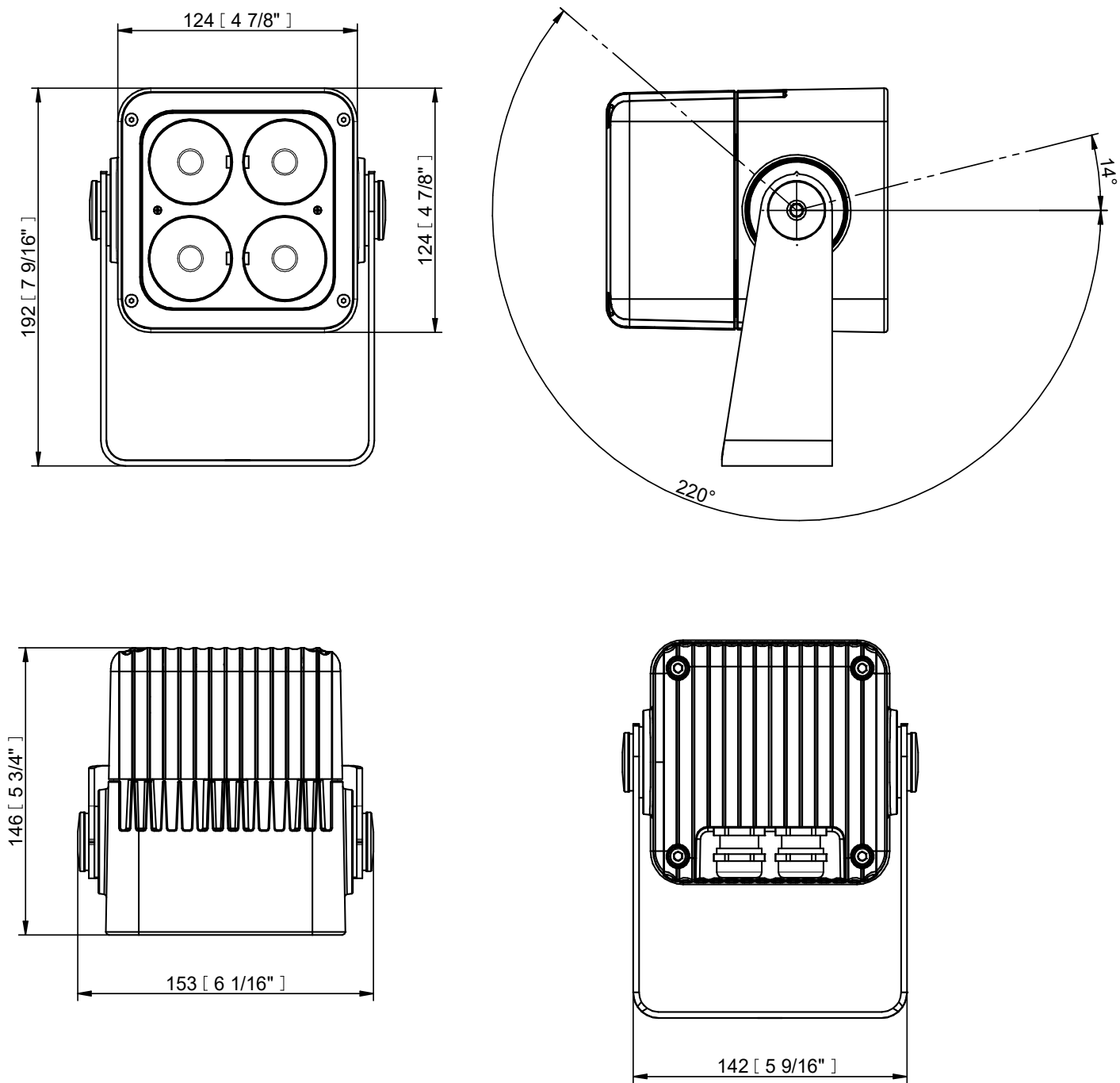
### DMX WITH JUNCTION BOX FOR APPOLI S, CALUMMA S-XL / EMINERE (US)

- 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 Appoli S, Calumma S-XL / Eminere US (10981269 for RAL9011)
- 4) SJTW 6x14 AWG (13053480), standard 1 m with bare-end, black  
or Cable SJTW 6x14 AWG (13053695), white

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

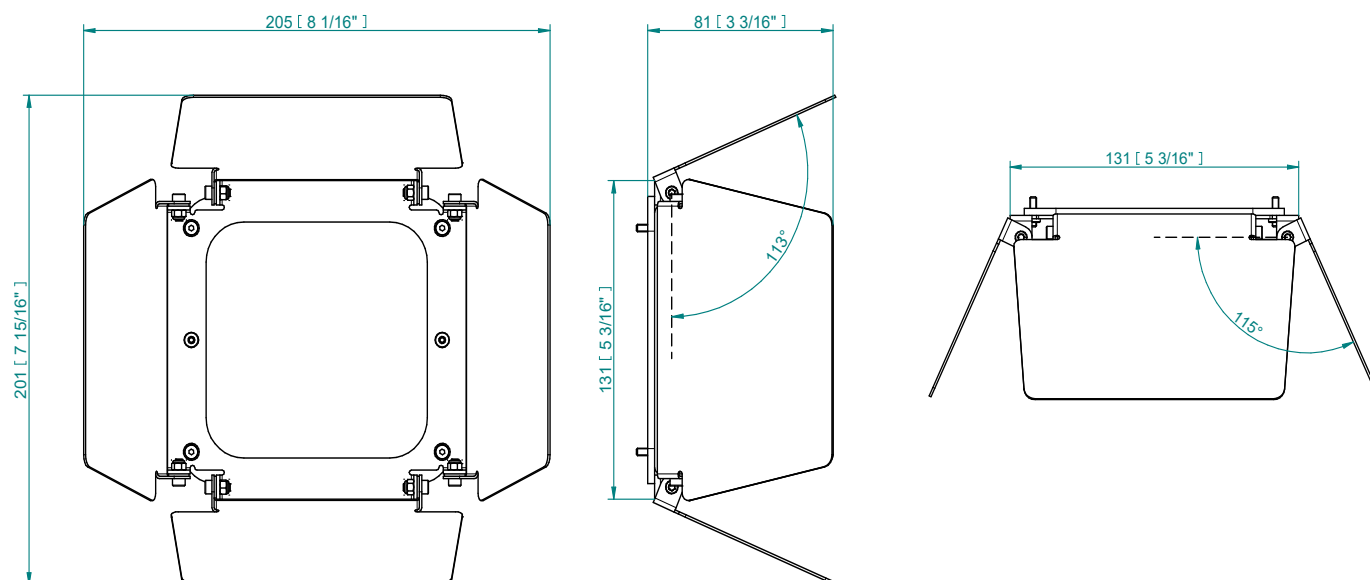


DIMENSIONS

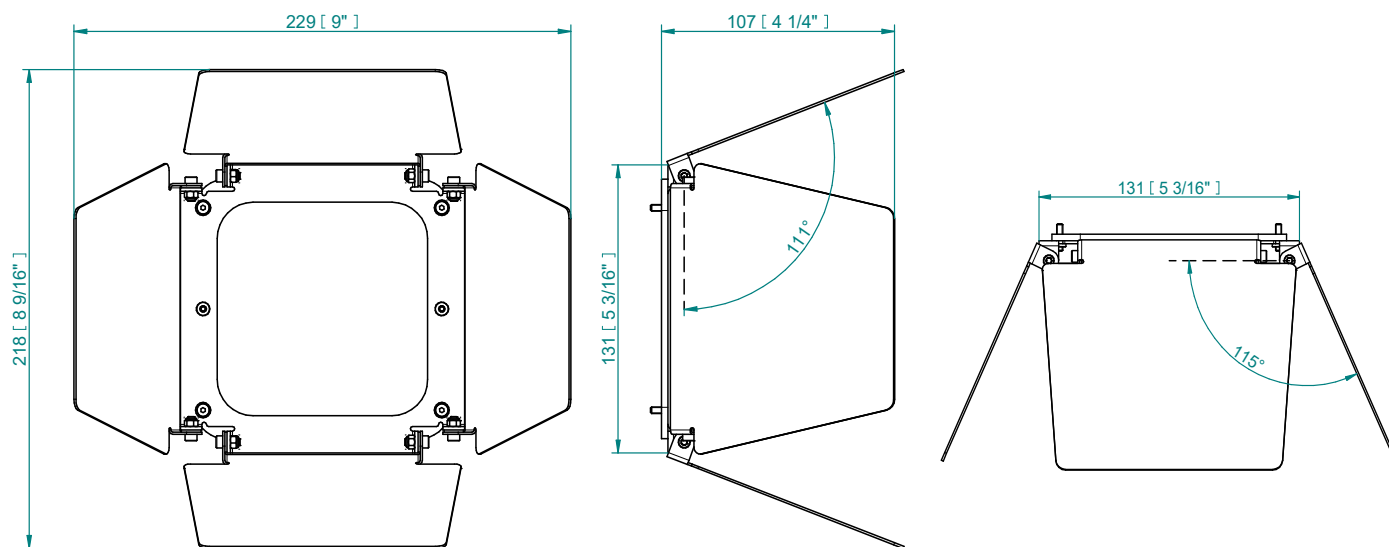


## ACCESSORIES

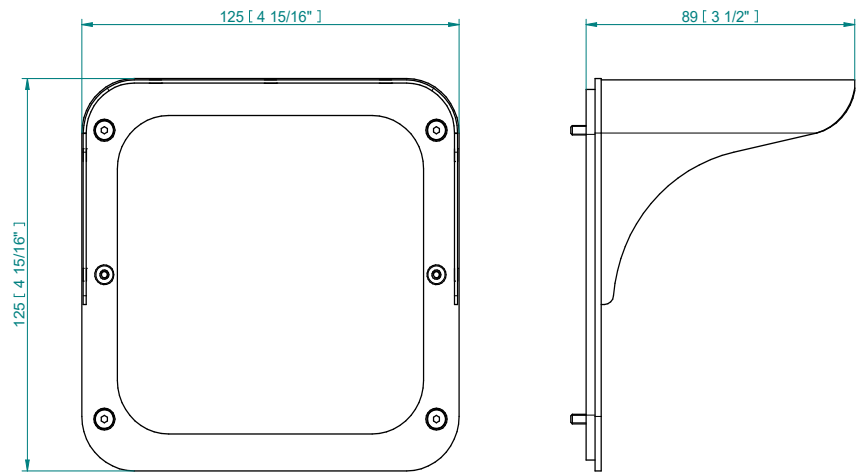
### Barndoor Short for Appoli S



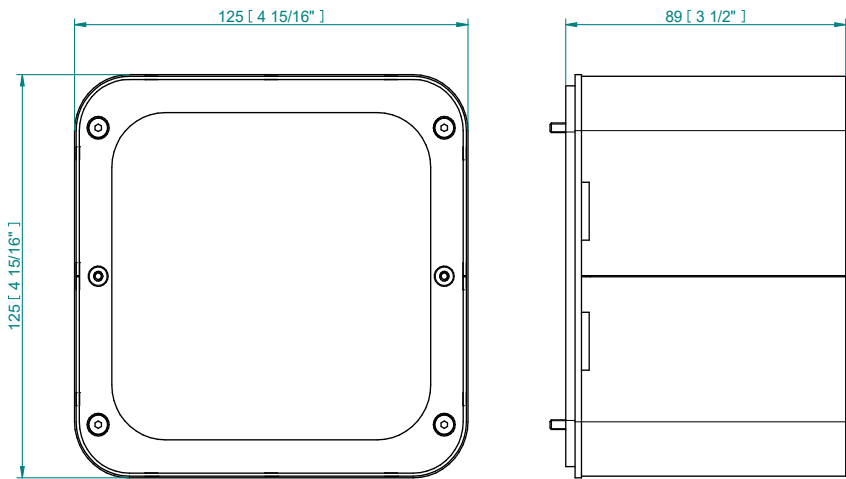
### Barndoor Long for Appoli S



Half Top Hat for Appoli S



Top Hat for Appoli S



Outdoor Foil Holder for Appoli S

