

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 or DALI 2 interface protocols facilitate standard connection options.

COLOURS

* UPON REQUEST


RGBW


RGBA


Pure White


Tuneable White *

COLOUR TEMPERATURE

* UPON REQUEST


3.000 K


3.000 K - 6.500 K *

CONTROL & PROTOCOLS


OPTIONAL


OPTIONAL


OPTIONAL

OPTIC OPTIONS

SYMMETRICAL


12°


20°


25°


35°


45°


75°


95°

BI-SYMMETRICAL


15°X35°


15°X70°


15°X85°


20°X45°


35°X65°


35°X95°

STANDARD & SPECIFICATION


IP67


IK10


CE


UL


ROHS


UK CA


5 YEAR
Warranty with Registration


Vibration Standard for Bridge

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

SPECIFICATION

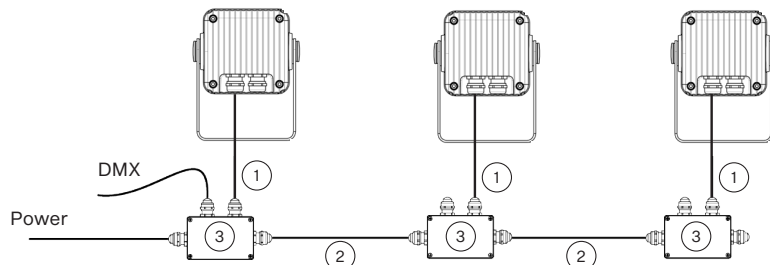
ELECTRICAL	Input Voltage	120–277 V AC 50/60 Hz	
	Typical Power Consumption	30 W +/-10 %	
OPTICAL	Light Source	High Power Multichip LEDs	
	Colour Variants	RGBW (W - 6500 K) RGBA PW (W - 3000 K)	
		Other Variants On Request (TW 3000–6500 K)	
	Beam Angle	12° 20° 25° 35° 45° 75° 95°	
		15°x35° 15°x70° 15°x85° 20°x45° 35°x65° 35°x95°	
	Lumen Output Delivered	1100 lm (@9° RGBW) TBC	
CONTROL	Projected Lumen Maintenance	L90B10 >90.000 hrs, Ta = 25°C / 77°F	
	Interface Protocol	DMX/RDM, DALI 2	
	DALI 2 Device Type	DT 8	
	Control System	Third Party DMX Controllers	
	Operating Modes	DMX, Stand-alone	
	Settings / Addressing	E-Box, RDM communicator	
PHYSICAL	Power Supply	Integrated	
	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 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
	Connections	IN (for DMX, DALI):	- 1 m cable with bare end - Other cable length - custom - 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

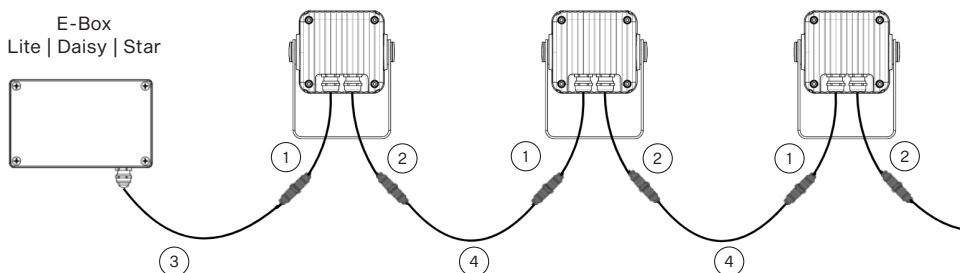
- 1) Flamar 3x16 AWG + 1x(2x 24 AWG)
Standard 1 m with bare-end, (13051508), black or
Hybrid Cable HYB-5731ZH LSZH (13053694), white
- 2) Flamar 3x16 AWG + 1x(2x24 AWG), (13051508), black
or Hybrid Cable HYB-5731ZH LSZH (13053694), white
or Scope of Others
- 3) Junction Box



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)

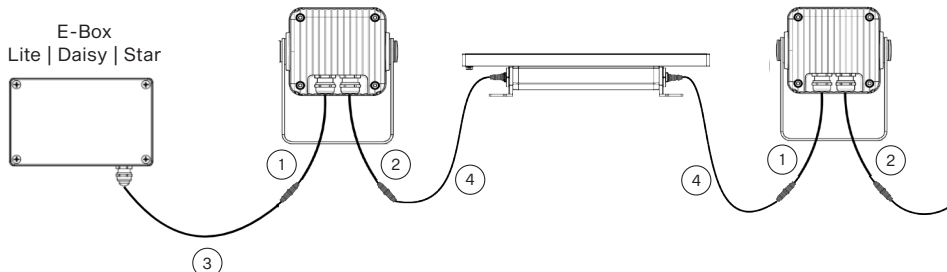
E-Box
Lite | Daisy | Star



Note: With this type of connection is possible to connect Calumma (M, L, XL) and Eminere (Eminere, Eminere Side) luminaires in a row.

OR

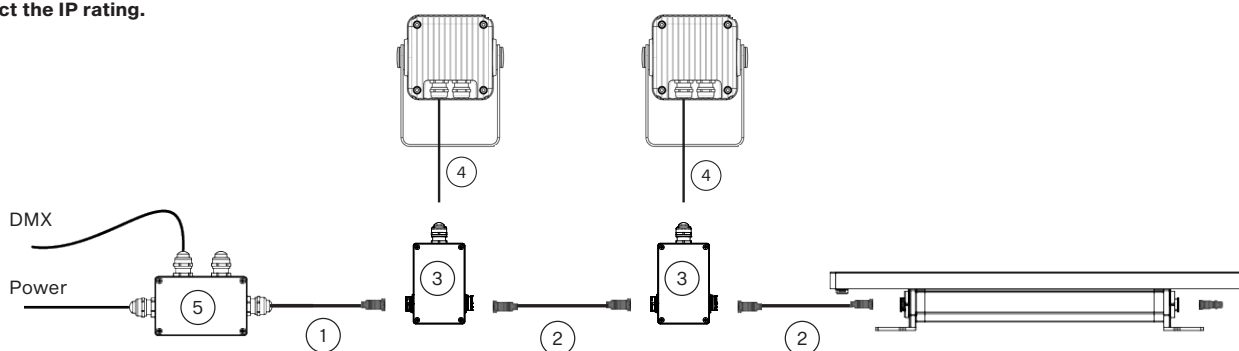
E-Box
Lite | Daisy | Star



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

- 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

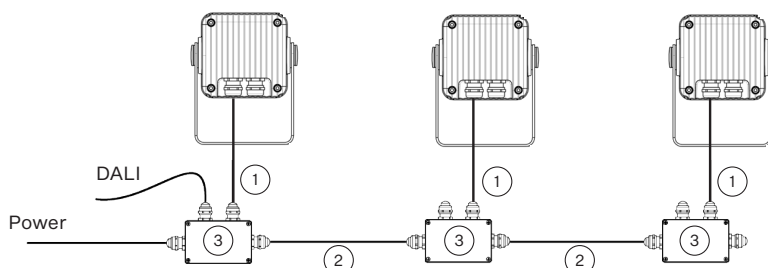
Note: The last unplugged connector must be fitted with a Waterproof Cap to protect the IP rating.



DALI

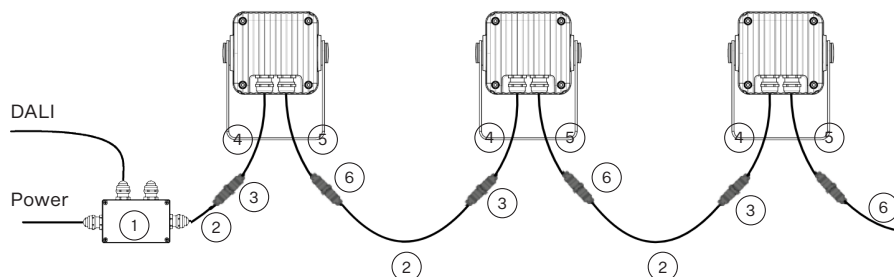
A

- 1) Hybrid Cable (13053693) Standard 1 m with bare-end, black or on request Hybrid cable (13053697), 1 m with bare-end, white
- 2) Hybrid Cable (13053693) Standard 1 m with bare-end, black, or on request Hybrid cable (13053697), 1 m with bare-end, white or Scope of Others
- 3) Junction Box



B

- 1) Junction Box
- 2) Hybrid Cable (13053693) Standard 1 m with bare-end, black or on request Hybrid cable (13053697), 1 m with bare-end, white
- 3) Field Installable Connector FF DC-05 (13053971)
- 4) Hybrid Cable (13053693), black, standard 0,5 m with Field Installable Connector MM DC-05 (13053972), black or on request Hybrid cable (13053697), white, 0,5 m with Field Installable Connector MM DC-05 (13053972), black
- 5) Hybrid Cable (13053693), black, standard 0,5 m with Field Installable Connector FF DC-05 (13053971), black or on request Hybrid cable (13053697), white, 0,5 m with Field Installable Connector FF DC-05 (13053971), black
- 6) Field Installable Connector MM DC-05 (13053972)

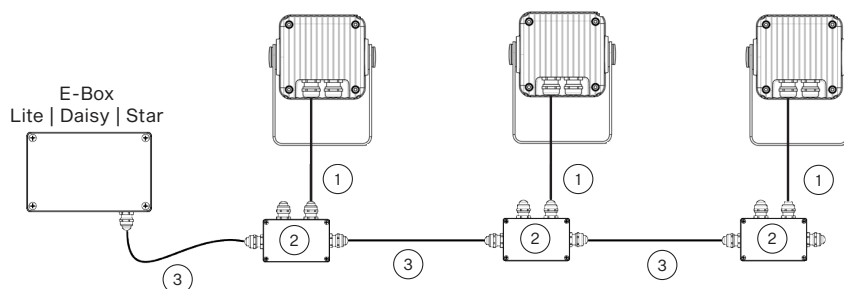


Note: The last unplugged connector must be fitted with a Waterproof Cap to protect the IP rating.

DMX or ETHERNET via E-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

Note: E-Box has to be in Pass Through mode only.

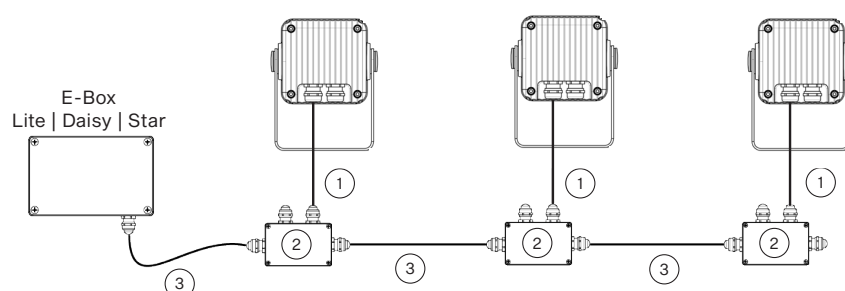


CONTROL AND CONNECTION OPTIONS - US

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

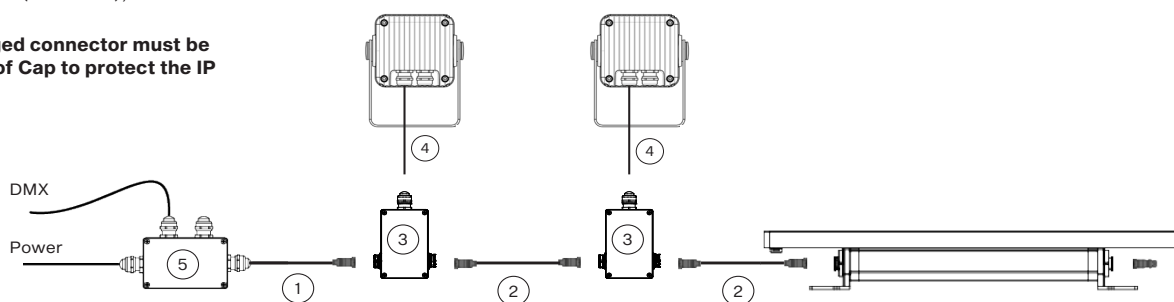
Note: E-Box has to be in Pass Through mode only.



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

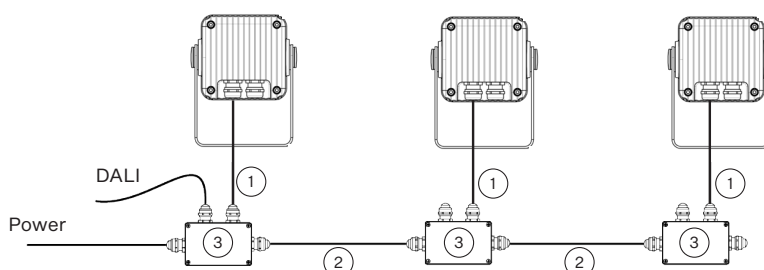
- 1) Leader Cables FF - 2 | 5 | 10 | 25 | 50 m
- 2) Jumper Cables FF/FM - 0,25 | 0,5 | 1 | 2 | 3 | 5 | 10 m
- 3) Junction Box for Appoli S, Calumma S-XL / Eminere US (10981269 for RAL9011)
- 4) SJTW 6x14 AWG (13053480), standard 1 m with bare-end, black or Cable SJTW 6x14 AWG (13053695), white

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

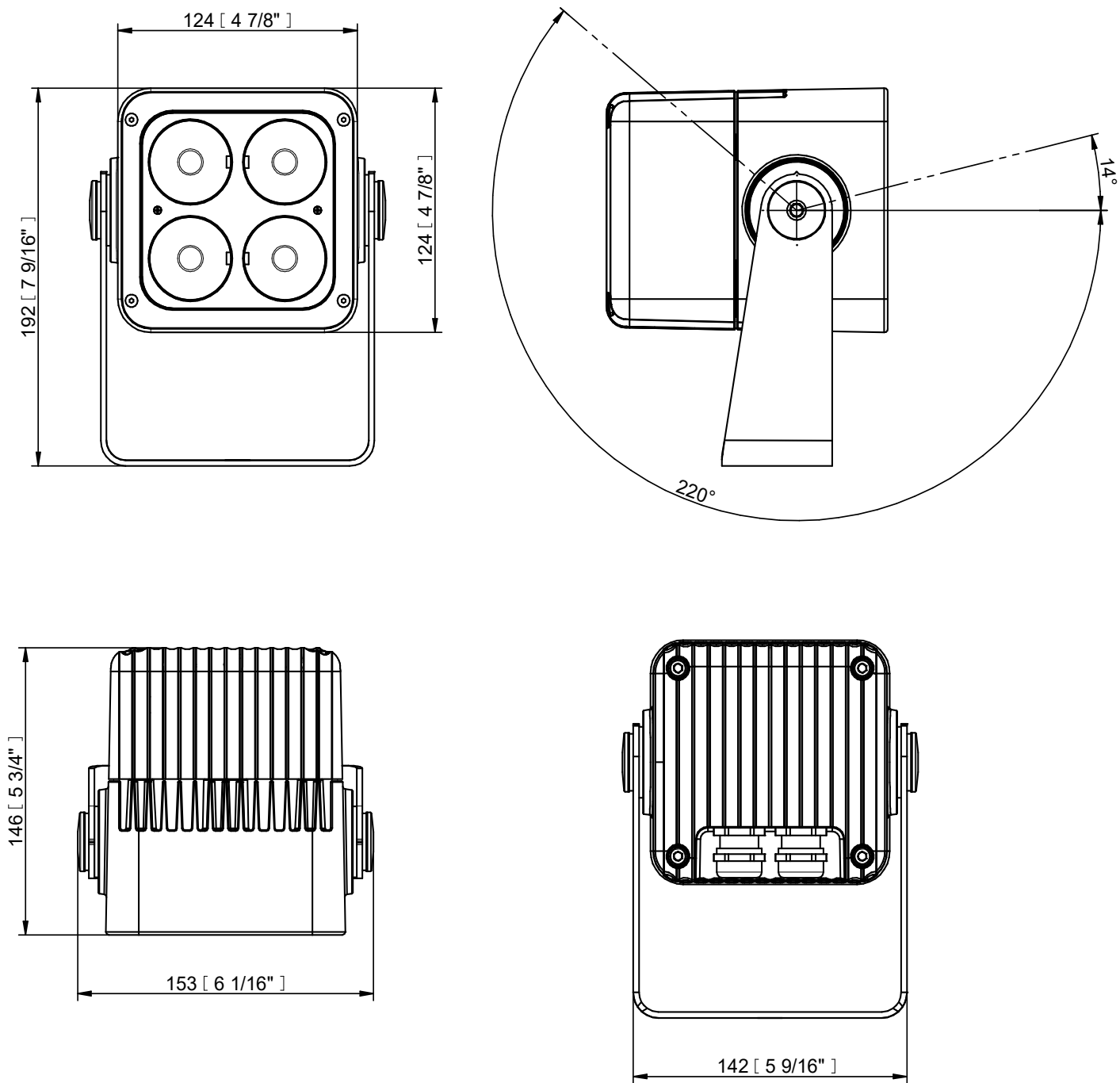


DALI

- 1) SJTW 5x14 AWG (13053693), standard 1 m with bare-end, black or Cable SJTW 5x14 AWG (13053697), white
- 2) SJTW 5x14 AWG (13053693), black or Cable SJTW 5x14 AWG (13053697), white or Scope of Others
- 3) Junction Box

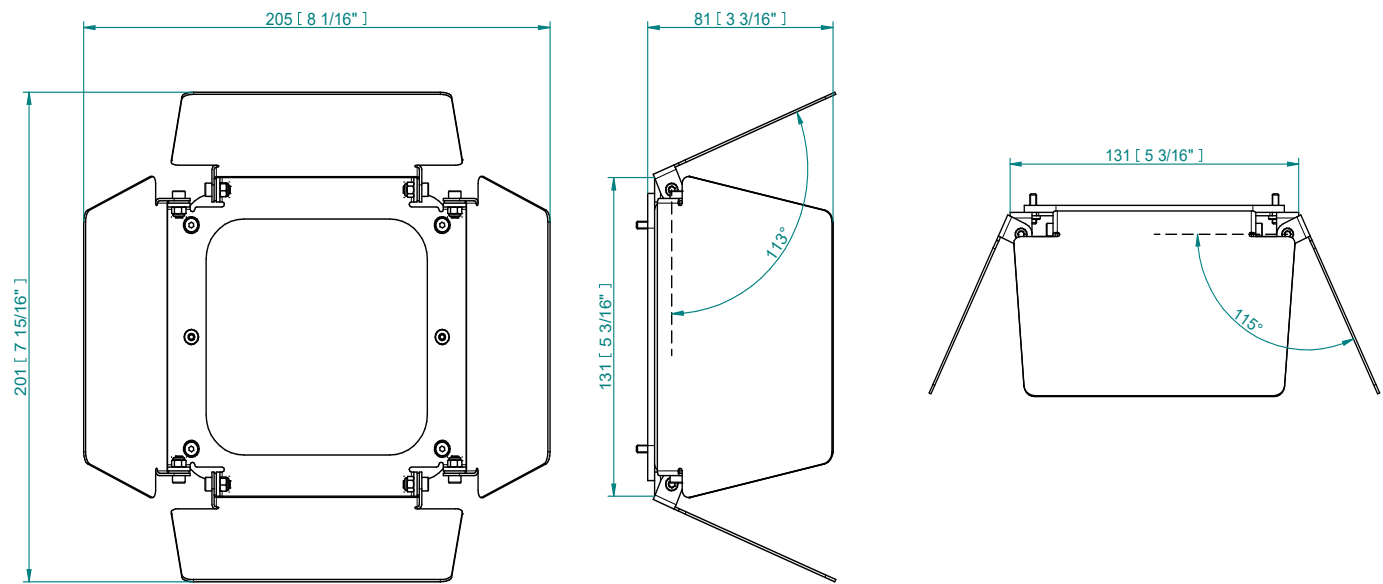


DIMENSIONS

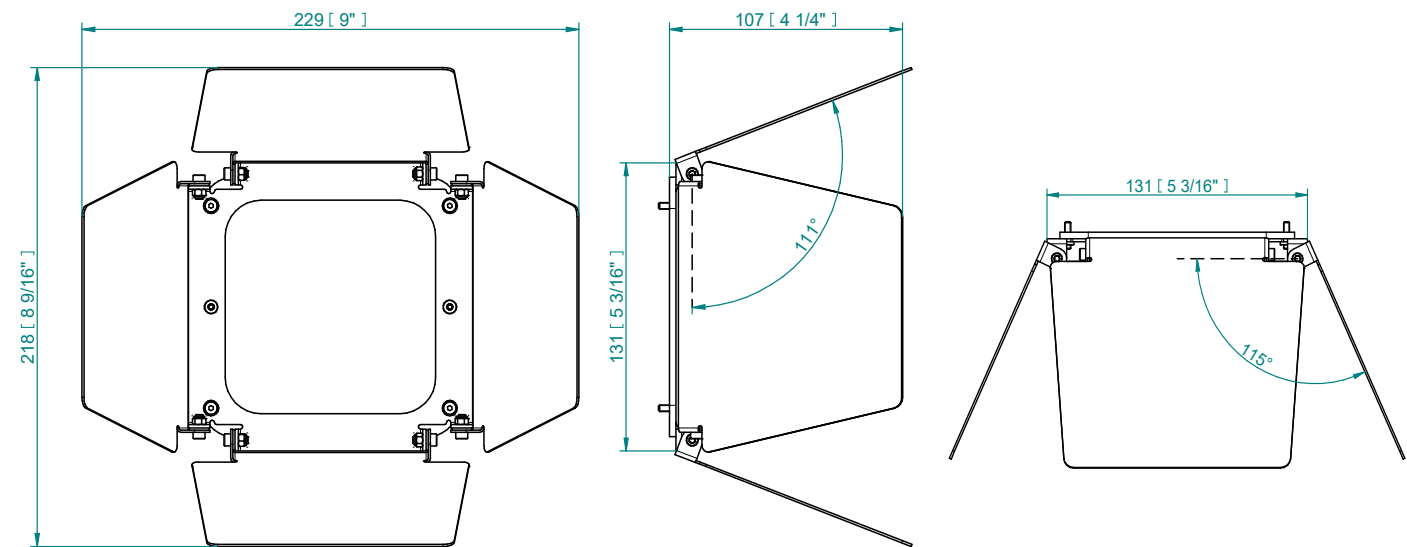


ACCESSORIES

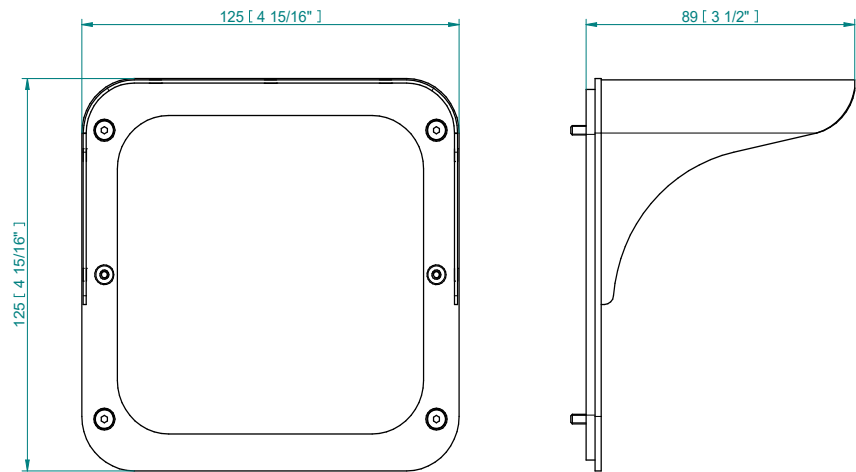
Barndoor Short for Appoli S



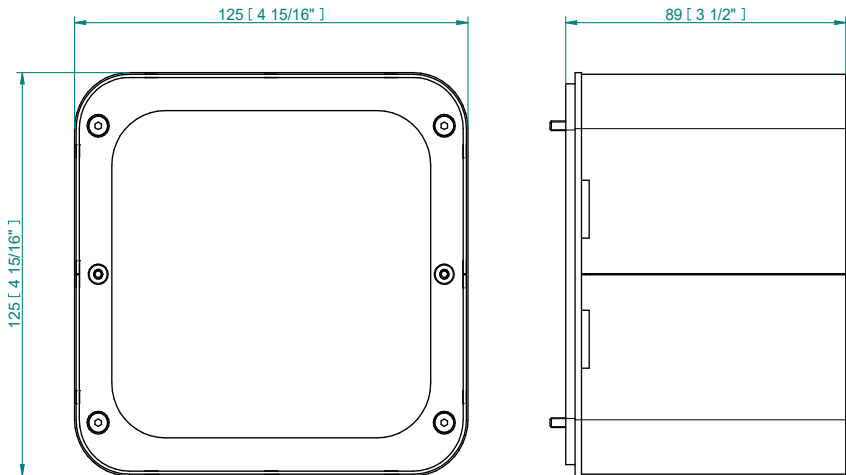
Barndoor Long for Appoli S



Half Top Hat for Appoli S



Top Hat for Appoli S



Outdoor Foil Holder for Appoli S

