

UVINERE 2 / 4

An excellent solution for theme parks and entertainment venues where an attention grabbing UV effect is required, UVinere produces a true black light effect. Available in 2-foot or 4-foot models, UVinere evenly distributes UV output with a wavelength of 365 nm for a wide range of installations and designs. Utilising a powered E-Box, control for the UVinere is made possible over DMX or Ethernet protocols. Consistent with the design quality of the entire Anolis product portfolio, the UVinere range is robust and extremely durable with IP67 and IK06 ratings.



KEY FEATURES

Optics & Control

With a wavelength of 365 nm, UVinere provides UV black light using 10,000-hour lifetime LEDs which can be powered by E-Box, and utilises DMX or ethernet protocols for control.

Physical

UVinere is available in two physical models; 2-foot and 4-foot LED luminaires. This fixture is easily installed with the simplicity of a "plug and play" connection.

Durability

Robust and durable, UVinere fulfills both IP67 and IK06 certification, backed by a 2-year warranty.

COLOURS



CONTROL & PROTOCOLS



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



OPTIC OPTIONS



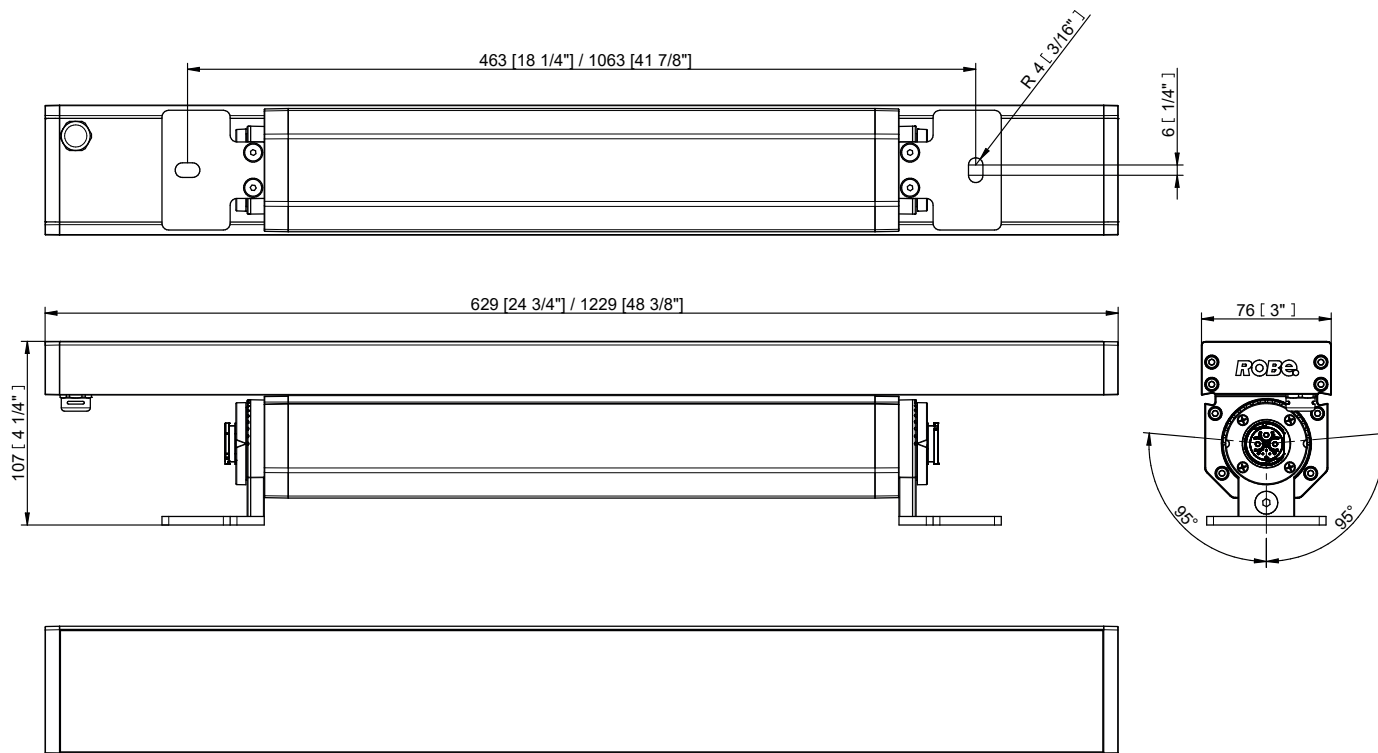
STANDARD & SPECIFICATION



SPECIFICATION

| | | | | |
|----------------------|-------------------------------|--|---|--|
| ELECTRICAL | Input Voltage | 120 - 277 V AC 50/60 Hz | | |
| | Typical Power Consumption | UVinere 2: 45 W | UVinere 4: 85W | |
| OPTICAL | Light Source | UVinere 2: 16 x UV LEDs | UVinere 4: 32 x UV LEDs | |
| | UV LEDs Wave Length | 365 nm | | |
| | Beam Angle | Optic: 24° Non-optic: 92° | | |
| | LEDs lifetime | 10.000 hrs | | |
| CONTROL | Interface Protocol | Via E-Box range | | |
| | E-Box Control Protocols | E-box With Self Addressing Feature or Custom Setting Via LCD Display | | |
| | Settings / Addressing | Via Two Row LCD Display with Control Buttons or RDM communicator | | |
| | Power Supply | Integrated | | |
| | Connectivity | E-box Lite / Daisy / Star | 78 of UVinere 2 (@ 230 V and 30m cable) via 1 Output | |
| PHYSICAL | Width x Height x Length | UVinere 2 | 76 x 107 x 629 mm (2.99 x 3.58 x 24.76 in.) | |
| | | UVinere 4 | 76 x 107 x 1229 mm (2.99 x 3.58 x 48.38 in.) | |
| | Weight | UVinere 2: 4.05 kg 8.92 lbs | UVinere 4: 7.68 kg 16.93 lbs | |
| | Housing | High Pressure Extruded Aluminium Body End Caps - Die-Cast Aluminium 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 | IP67 Hybrid Connection (Power + Data) | | |
| | Mounting Method | Surface Mount With Different Type of Brackets | | |
| | Adjustability | +/- 95° | | |
| | Protection Factor | IP67 / Suitable For Wet Locations | | |
| | IK Rating | IK06 | | |
| | Cooling System | Convection | | |
| | Operating Ambient Temperature | -20 °C / +40 °C (-4 °F / +104 °F) | | |
| | Operating Temperature | +67 °C @ Ambient +40 °C (+176 °F @ Ambient +104 °F) | | |
| CERTIFICATION | Listings | CE, RoHS, UKCA | | |
| ACCESSORIES | Not Included Items | | | |
| | Mounting Brackets | Mounting Bracket 50 100 200 300 mm Custom length | | |
| | Optical | Black Glass Adaptor For UVinere 2 4 | | |
| | Cabels | Leader Cable 2m 5m 10m 25m 50m | | |
| | | Jumper Cable 0.25m 0.5m 1m 2m 3m 5m 10m | | |
| | Connectors | Field Installable Connector | | |
| | | Waterproof End Cap | | |
| | Cable Covers | Cable Cover For Eminere 2 4 | | |
| Shields | Shield For Eminere 2 4 | | | |

DIMENSIONS



PROJECTED AREA

| | Front (rear) - m ² | Front (rear) ft ² | Side - m ² | Side - ft ² | Top - m ² | Top - ft ² |
|------------------|-------------------------------|------------------------------|-----------------------|------------------------|----------------------|-----------------------|
| UVinere 2 | 0,045 | 0,484 | 0,007 | 0,075 | 0,048 | 0,516 |
| UVinere 4 | 0,100 | 1,076 | 0,007 | 0,075 | 0,094 | 1,011 |

E-BOX SPECIFICATION

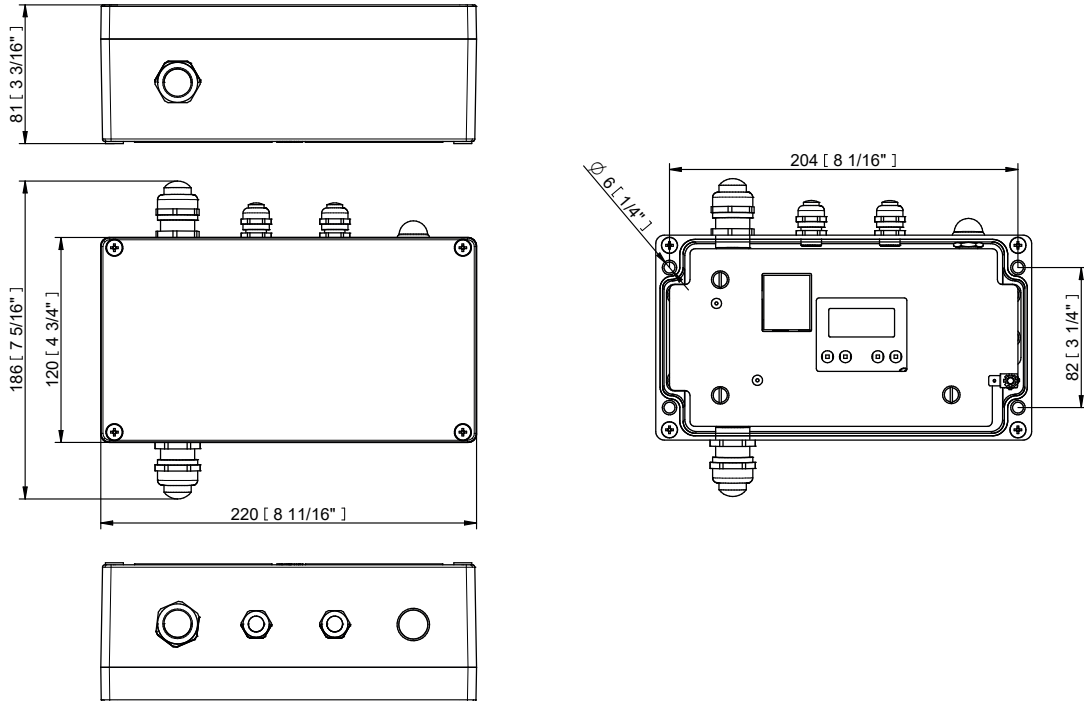
| | | | | |
|-------------------------------|--|--|--|------------------|
| ELECTRICAL | Input Voltage | 120 – 277 V AC 50/60 Hz | | |
| | Wireless DMX (Option) | Lumen Radio CRMX Technology | | |
| | Interface Protocol | E-box Lite: USITT DMX512, RDM | | |
| | | E-box Daisy / Star: USITT DMX512, RDM, ArtNet, MA Net, MA Net2, sACN, Kling-Net | | |
| Operating Modes | E-box Lite / Daisy: Fixture Mode, Pixel Mode, Output Mode | | | |
| | E-Box Star: Total Mode, Fixture Mode, Pixel Mode, Output Mode | | | |
| CONTROL | Display | Via Two Row LCD Display with Control Buttons or RDM communicator | | |
| | Control System | E-box With Self Addressing Feature or Custom Setting Via LCD Display/RDM | | |
| | Power Supply | Integrated | | |
| | Connectivity | E-box Lite | 144 of Eminere 1 (@ 230 V and 40m cable) via 1 Output | |
| | | E-box Daisy | 144 of Eminere 1 (@ 230 V and 40m cable) via 1 Output | |
| | | E-box Star | 144 of Eminere 1 (@ 230 V and 40m cable) via 6 Outputs | |
| | Length x Width x Height | E-box Lite | 220 x 120 x 81 mm (8.66 x 4.72 x 3.18 in.) | |
| | | E-box Daisy | 260 x 160 x 91 mm (10.24 x 6.30 x 3.58 in.) | |
| | | E-box Star | 280 x 230 x 111 mm (11.02 x 9.06 x 4.37 in.) | |
| | Weight | 1.67 kg 3.85 lbs | 2.78 kg 6.13 lbs | 4.4 kg 9.7 lbs |
| Housing | Die-Cast Aluminium Case | | | |
| Finish Options | Standard Colour - Graphite Black (RAL 9011) Silver (RAL 9006) | | | |
| | Cost Option - Custom RAL Harsh Environment (RAL 9016, RAL 9011) | | | |
| Cables / Connections | Cable Grommet (stainless steel) | | | |
| Mounting Method | Surface Mount , 4 Mounting Holes | | | |
| Protection Factor | IP67 / Suitable For Wet Locations | | | |
| IK Rating | IK10 | | | |
| Cooling System | Convection | | | |
| Operating Ambient Temperature | -20 °C / +40 °C (-4 °F / +104 °F) | | | |
| CERTIFICATION | Listings | ETL / cETL, CE, RoHS, UKCA | | |

COMPARISON

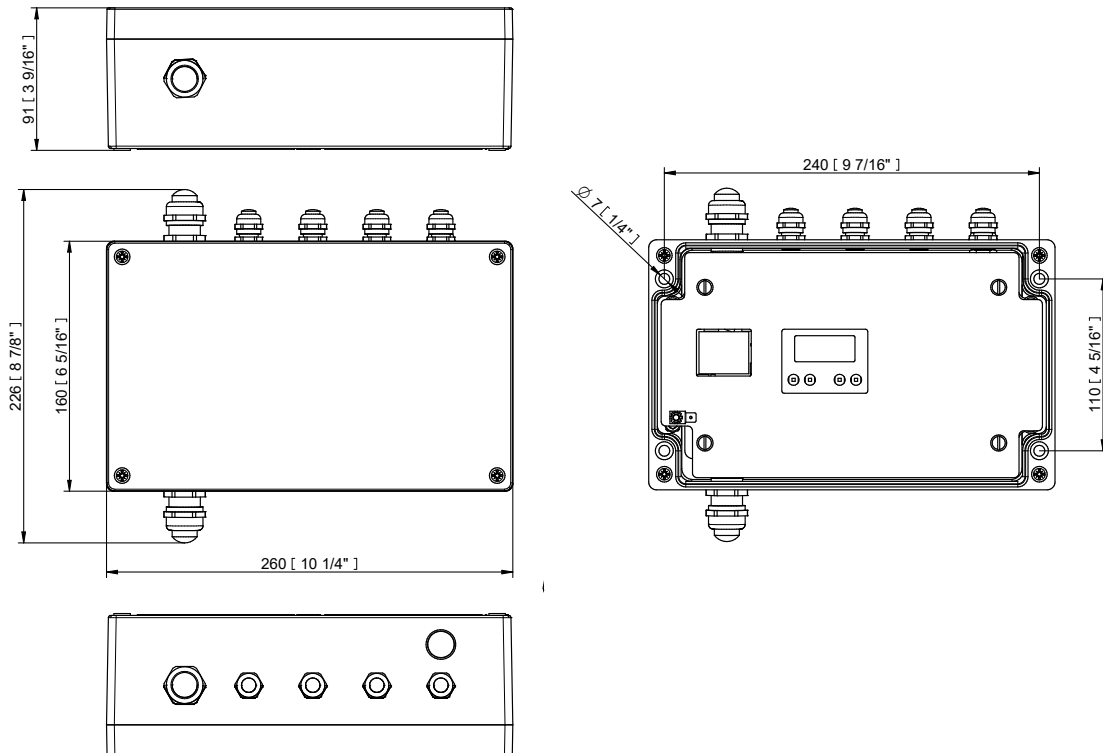
| | E-BOX LITE | E-BOX DAISY | E-BOX STAR |
|-----------------------------|------------|-------------|------------|
| Power input | 1 | 1 | 1 |
| Fixture Output | 1 | 1 | 6 |
| Total load (current) | 16A | 16A | 16A |
| DMX control | YES | YES | YES |
| RDM | YES | YES | YES |
| Art-Net | NO | YES | YES |
| Ethernet switch | NO | YES | YES |
| Kling-Net | NO | YES | YES |
| sACN | NO | YES | YES |
| MA Net, MA Net2 | NO | YES | YES |

E-BOX DIMENSIONS

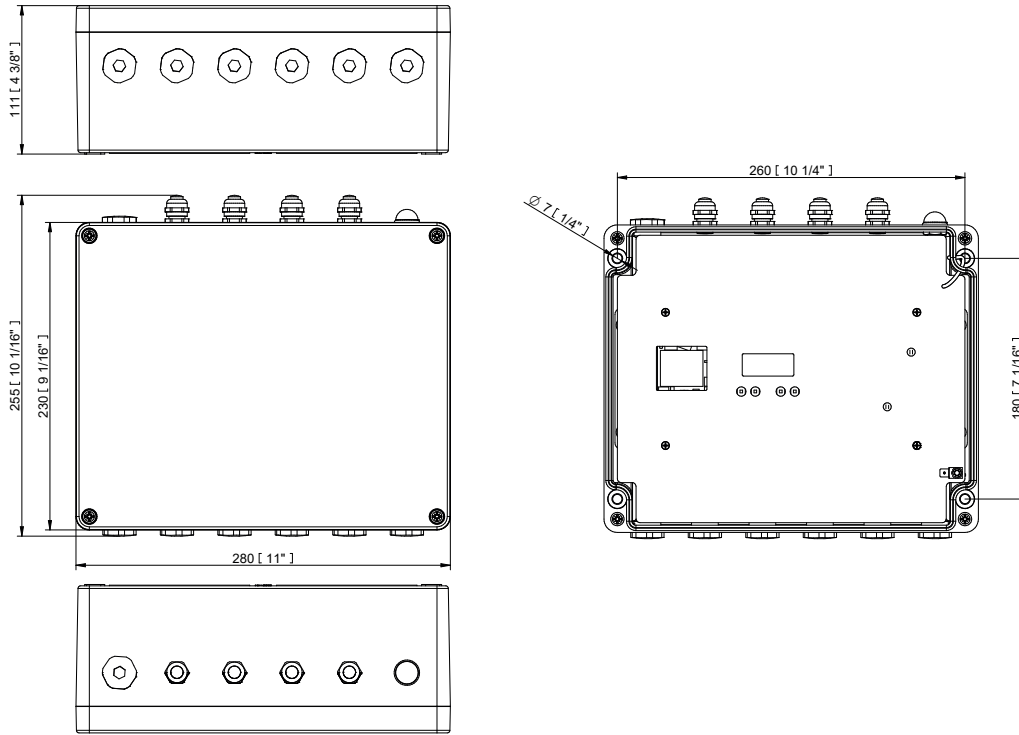
E-BOX LITE



E-BOX DAISY



E-BOX STAR

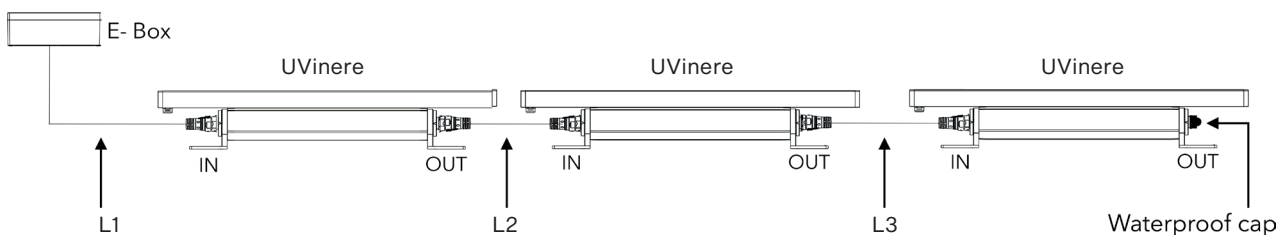


CONNECTIVITY

Following table shows maximum connected UVinere on each output of E-Box with respect of cable length.

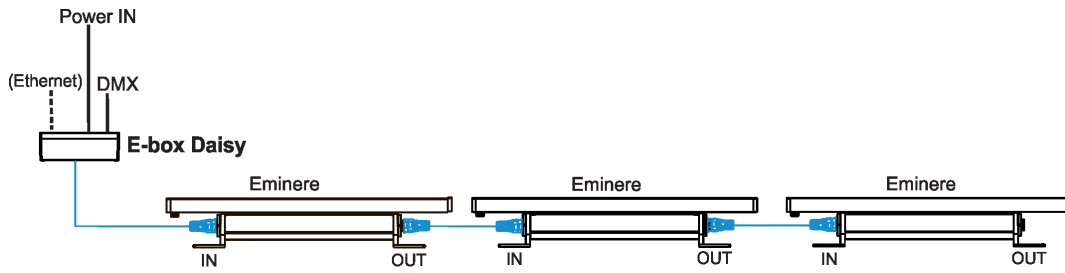
| | Cable length (m) | Voltage (V) | | | | | | Cable length (m) | Voltage (V) | | | | |
|-----------|------------------|-------------|-----|-----|-----|-----|-----------|------------------|-------------|-----|-----|-----|-----|
| | | 100 | 120 | 190 | 230 | 277 | | | 100 | 120 | 190 | 230 | 277 |
| UVINERE 2 | 10 | 34 | 41 | 64 | 78 | 94 | UVINERE 4 | 10 | 17 | 21 | 33 | 40 | 48 |
| | 20 | 30 | 41 | 64 | 78 | 94 | | 20 | 15 | 21 | 33 | 40 | 48 |
| | 30 | 20 | 28 | 64 | 78 | 94 | | 30 | 10 | 15 | 33 | 40 | 48 |
| | 50 | 12 | 17 | 43 | 63 | 91 | | 50 | 6 | 9 | 22 | 32 | 47 |
| | 70 | 8 | 12 | 31 | 45 | 65 | | 70 | 4 | 6 | 16 | 23 | 38 |
| | 100 | 6 | 9 | 21 | 31 | 46 | | 100 | 3 | 4 | 11 | 16 | 23 |
| | 200 | 3 | 4 | 11 | 16 | 23 | | 200 | 2 | 2 | 5 | 8 | 12 |

* Cable length is a total cable length between E-box and last connected UVinere. Example: Total cable length=L1+L2+L3

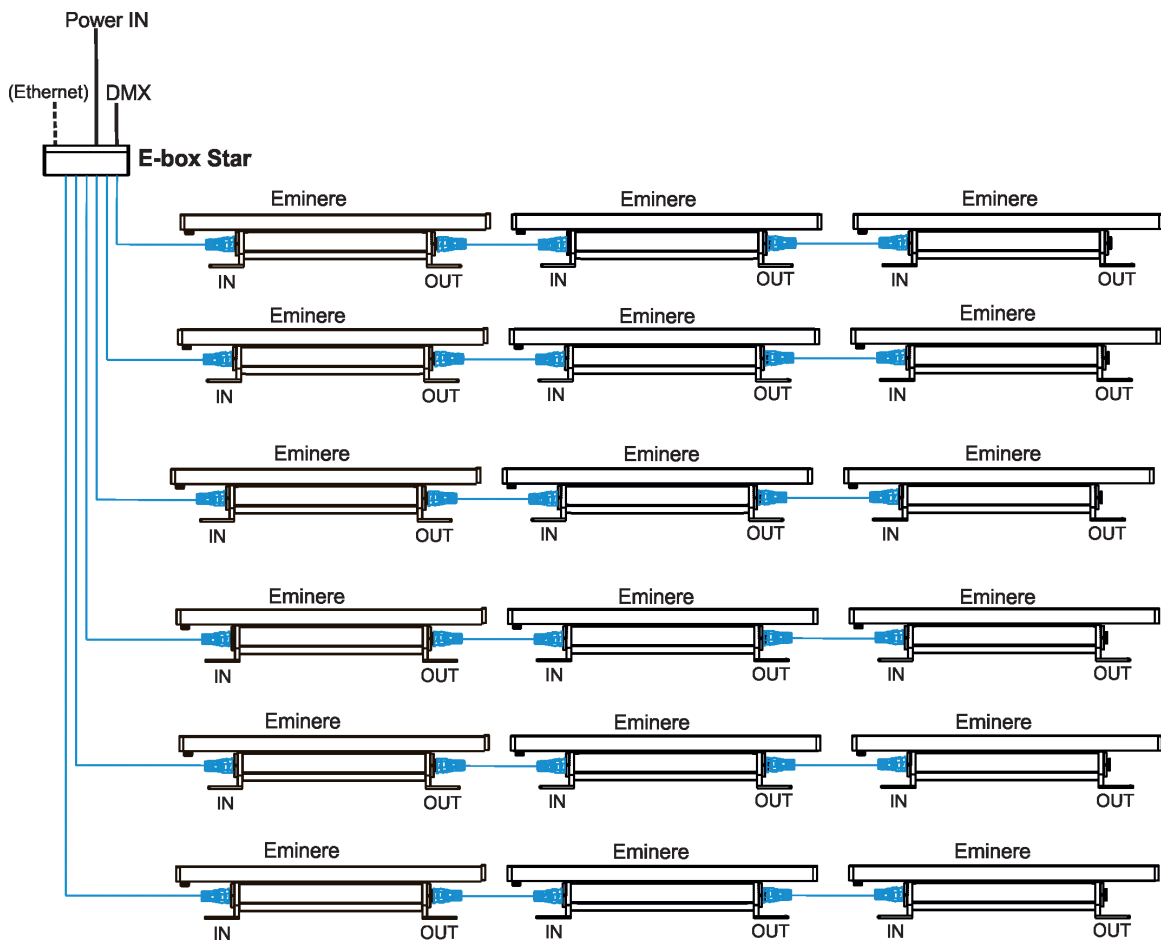


CONNECTION

E-BOX LITE / DAISY

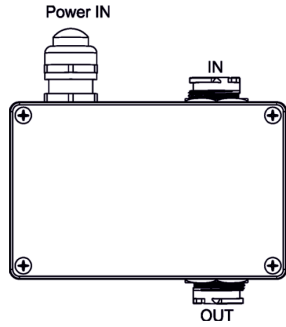


E-BOX STAR

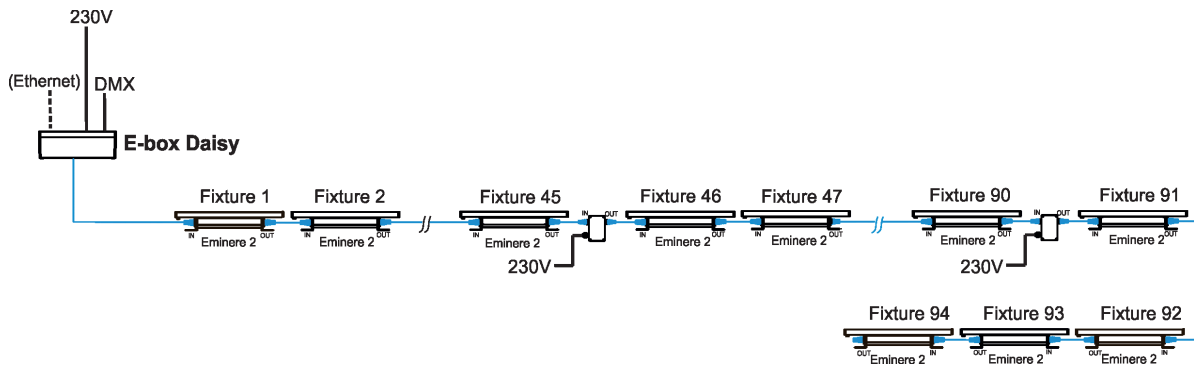


THE BOOSTER BOX

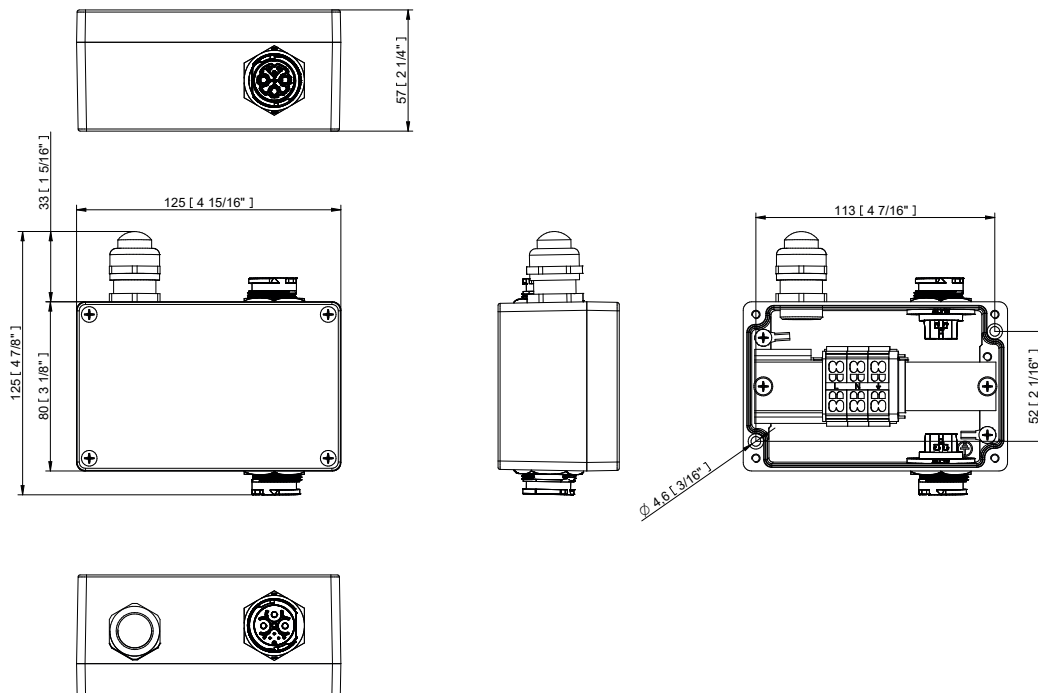
To compensate a voltage drop in a large installation, the Booster boxes have to be connected in the chain of Eminere modules.



Example: E-box Daisy, Power supply= 230V, Cable length=70m, fixture=Eminere 2.
The Booster box has to be connected after every 45th Eminere 2 (fixture 45 and fixture 90) from 94 fixtures.



DIMENSIONS



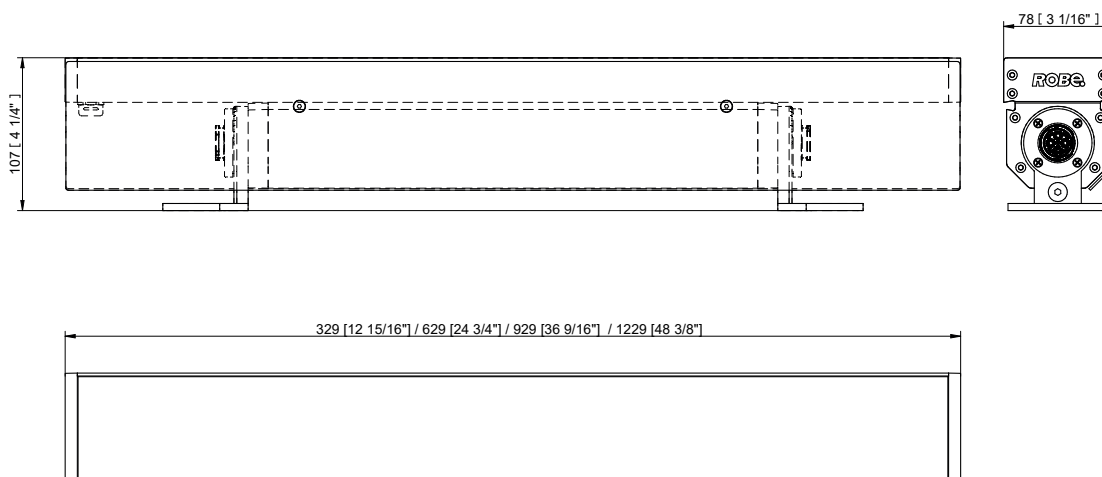
BOOSTER BOX POSITIONS

| | Cable length (m) | Max. number of Emineres 1 = 191 (in Standard mode) | | | |
|-----------|------------------|---|-----------------------------|---------------|---------------|
| | | 120 V | 190 V | 230 V | 277 V |
| EMINERE 1 | 10 m | 83,166 | 131 | 159 | - |
| | 20 m | 83,166 | 131 | 159 | - |
| | 30 m | 58,116,174 | 131 | 159 | - |
| | 50 m | 35,70,105,140,175 | 88,176 | 128 | 186 |
| | 70 m | 25,50,75,100,125,150,175 | 63,126,189 | 92,184 | 133 |
| | 100 m | 17,34,51,68,85,102,119,136,153,170,187 | 44,88,132,176 | 64,128 | 93,186 |
| | 200 m | 9,18,27,36,45,54,60,72,81,90,99,108,117,126,135,144, 153,162,171,180,189, | 22,44,66,88,110,132,154,176 | 32,64,96,128, | 47,94,141,188 |

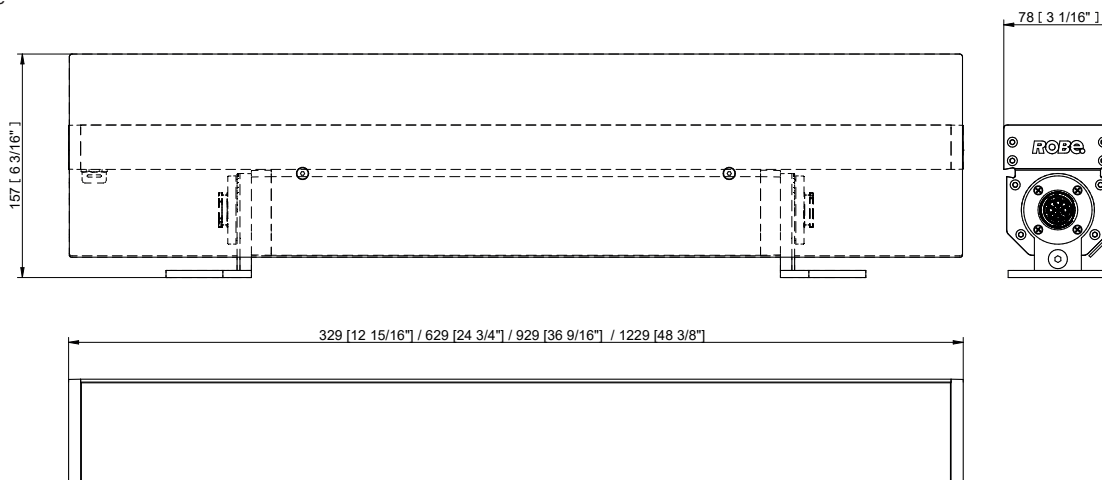
NOTE: For more detail see the User manual.

ACCESSORIES

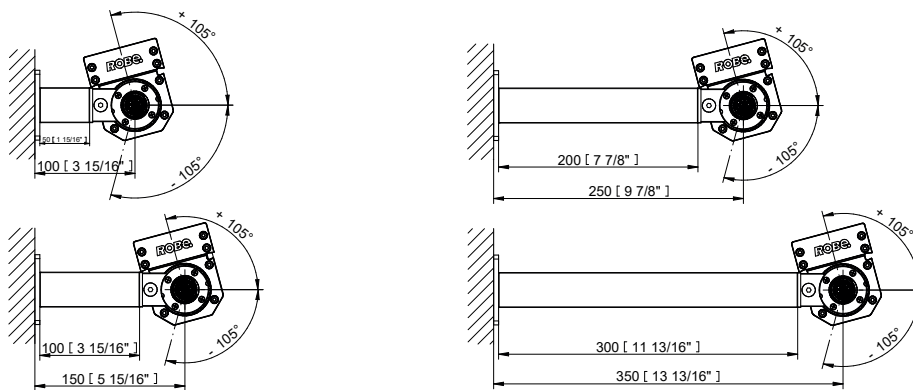
Cable Cover for Eminere



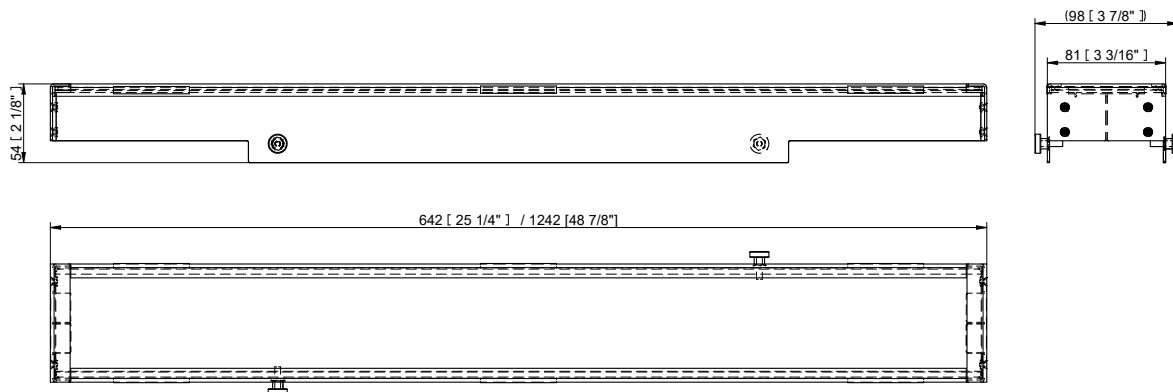
Shield for Eminere



Mounting brackets



Black Glass Adaptor For UVinere



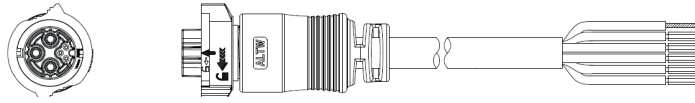
CABLES

Leader Cable

For connecting E-Box with first Eminere. Comes with Waterproof End Cap which has to be installed to the last Eminere's output connector.

Female connector

Female pins



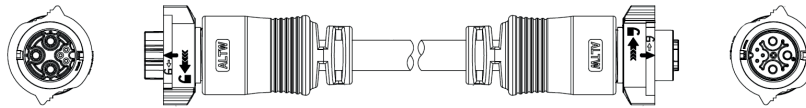
Jumper Cable

For connection between two Emineres.

NOTE: Custom length of Jumper cable depends on the distance between two Eminere luminaires (length includes cable and connectors).

Female connector

Female pins



Female connector

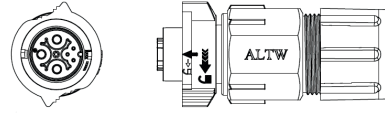
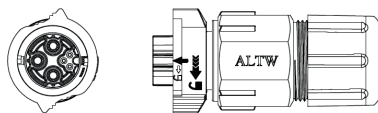
Male pins

Field installable connector

For special cases, where Jumper Cable can't be used. Then use Leader Cable with Field installable connector to make a connection between Emineres.

Female connector

Female pins



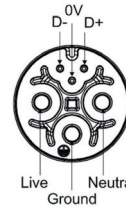
Female connector

Male pins

Output - panel connector
(front view)

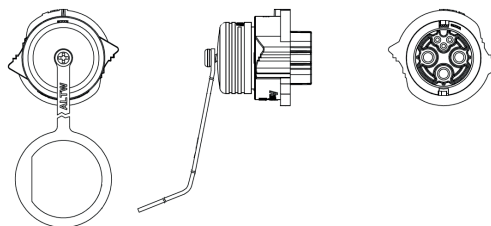


Input - panel connector
(front view)



Waterproof End Cap

Install at the end of line to the last Emineres output connector.



Cable lengths available

| IN METRES | LEADER CABLE | JUMPER CABLE |
|-----------|--------------|--------------|
| 0,25 | - | YES |
| 0,5 | - | YES |
| 1 | - | YES |
| 2 | YES | YES |
| 3 | - | YES |

| IN METRES | LEADER CABLE | JUMPER CABLE |
|----------------------|--------------|--------------|
| 5 | YES | YES |
| 10 | YES | YES |
| 25 | YES | - |
| 50 | YES | - |
| Other lengths | On Request | |