

## 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 (wired or wireless) 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 (wired or wireless) 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

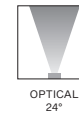


### FINISH OPTIONS

\* CLOSEST RAL TONE  
\* HE = Harsh Environment



### OPTIC OPTIONS



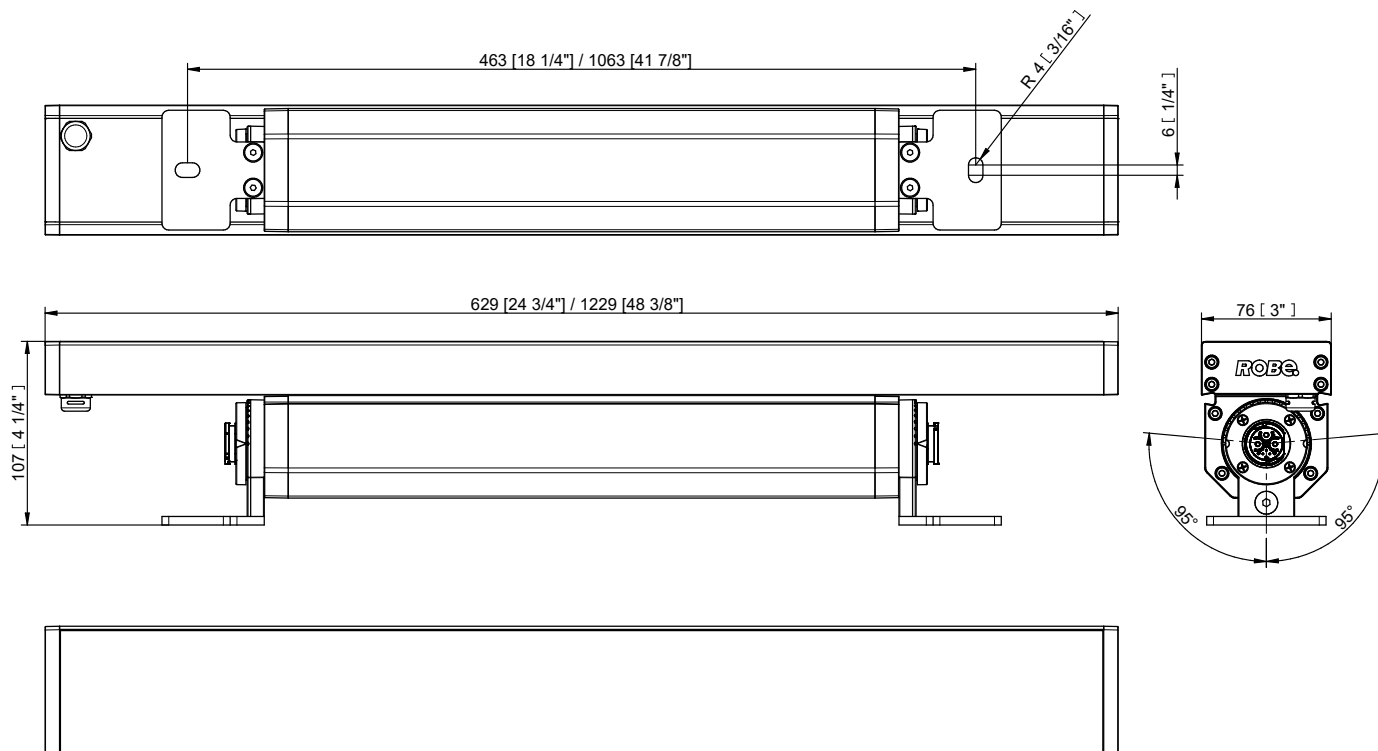
### STANDARD & SPECIFICATION



SPECIFICATION

<b>ELECTRICAL</b>	Input Voltage	120 - 277 V AC 50/60 Hz		
	Typical Power Consumption	<b>UVinere 2:</b> 45 W	<b>UVinere 4:</b> 85W	
<b>OPTICAL</b>	Light Source	<b>UVinere 2:</b> 16 x UV LEDs	<b>UVinere 4:</b> 32 x UV LEDs	
	UV LEDs Wave Length	365 nm		
	Beam Angle	Optic: 24°   Non-optic: 92°		
	LEDs lifetime	10.000 hrs		
<b>CONTROL</b>	Interface Protocol	Via E-Box range or Wireless DMX		
	E-Box Control Protocols	E-box With Self Addressing Feature or Custom Setting Via LCD Display		
	Wireless DMX (Option)	Lumen Radio CRMX Technology		
	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	
<b>PHYSICAL</b>	Width x Height x Length	<b>UVinere 2</b>	76 x 107 x 629 mm (2.99 x 3.58 x 24.76 in.)	
		<b>UVinere 4</b>	76 x 107 x 1229 mm (2.99 x 3.58 x 48.38 in.)	
	Weight	<b>UVinere 2:</b> 4.05 kg   8.92 lbs	<b>UVinere 4:</b> 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)			
<b>CERTIFICATION</b>	Listings	CE, RoHS, UKCA		
<b>ACCESSORIES</b>	<b>Not Included Items</b>			
	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 <sup>2</sup>	Front (rear) ft <sup>2</sup>	Side - m <sup>2</sup>	Side - ft <sup>2</sup>	Top - m <sup>2</sup>	Top - ft <sup>2</sup>
<b>UVinere 2</b>	0,045	0,484	0,007	0,075	0,048	0,516
<b>UVinere 4</b>	0,100	1,076	0,007	0,075	0,094	1,011

**E-BOX SPECIFICATION**

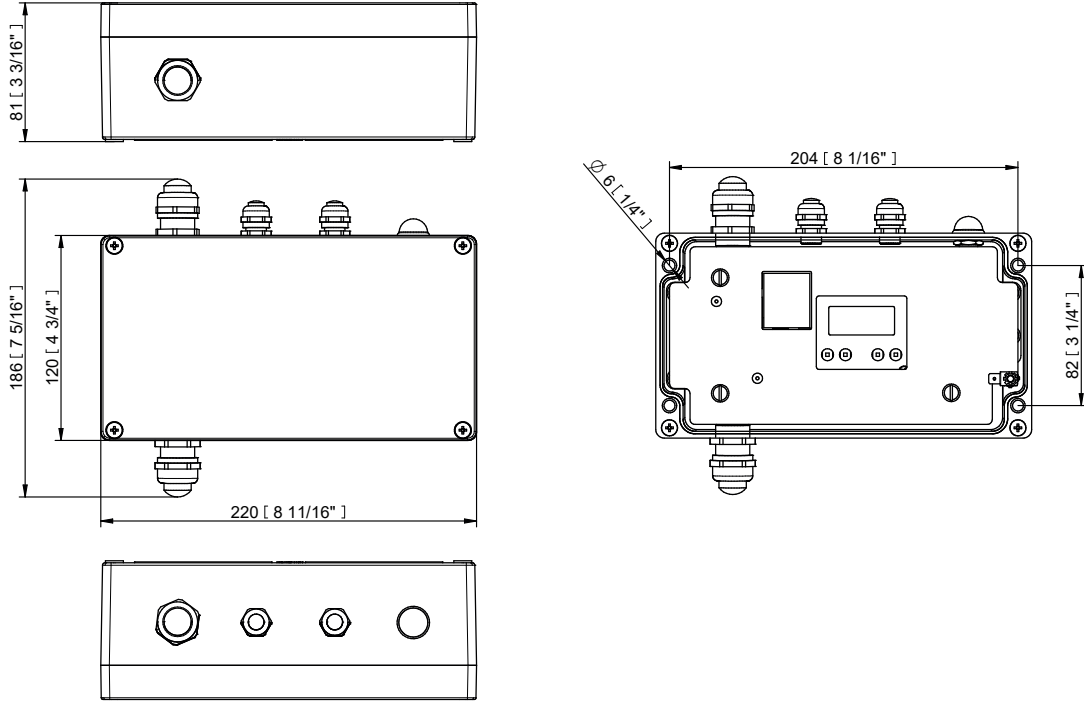
<b>ELECTRICAL</b>	Input Voltage	120 – 277 V AC 50/60 Hz		
	Wireless DMX (Option)	Lumen Radio CRMX Technology		
	Interface Protocol	<b>E-box Lite:</b> USITT DMX512, RDM		
		<b>E-box Daisy / Star:</b> USITT DMX512, RDM, ArtNet, MA Net, MA Net2, sACN, Kling-Net		
Operating Modes	<b>E-box Lite / Daisy:</b> Fixture Mode, Pixel Mode, Output Mode			
	<b>E-Box Star:</b> Total Mode, Fixture Mode, Pixel Mode, Output Mode			
<b>CONTROL</b>	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	<b>E-box Lite</b>	144 of Eminere 1 (@ 230 V and 40m cable) via 1 Output	
		<b>E-box Daisy</b>	144 of Eminere 1 (@ 230 V and 40m cable) via 1 Output	
		<b>E-box Star</b>	144 of Eminere 1 (@ 230 V and 40m cable) via 6 Outputs	
	Length x Width x Height	<b>E-box Lite</b>	220 x 120 x 81 mm (8.66 x 4.72 x 3.18 in.)	
		<b>E-box Daisy</b>	260 x 160 x 91 mm (10.24 x 6.30 x 3.58 in.)	
		<b>E-box Star</b>	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)			
<b>CERTIFICATION</b>	Listings	ETL / cETL, CE, RoHS, UKCA		

**COMPARISON**

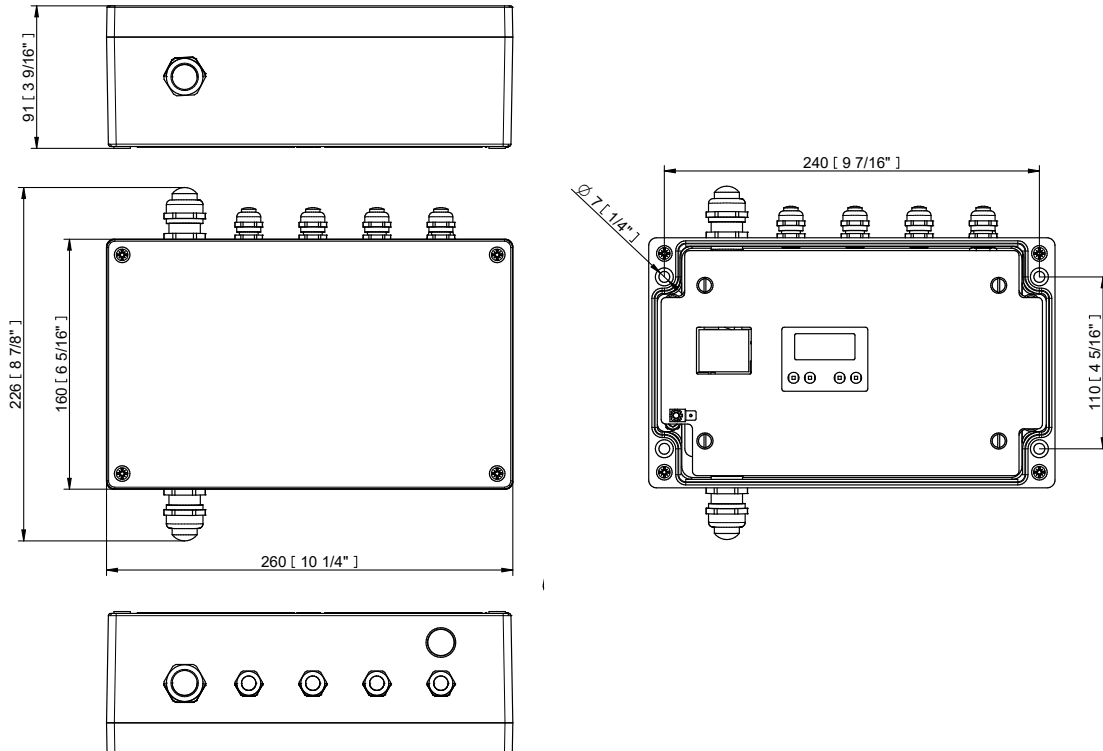
	<b>E-BOX LITE</b>	<b>E-BOX DAISY</b>	<b>E-BOX STAR</b>
<b>Power input</b>	1	1	1
<b>Fixture Output</b>	1	1	6
<b>Total load (current)</b>	16A	16A	16A
<b>DMX control</b>	YES	YES	YES
<b>RDM</b>	YES	YES	YES
<b>Art-Net</b>	NO	YES	YES
<b>Ethernet switch</b>	NO	YES	YES
<b>Kling-Net</b>	NO	YES	YES
<b>sACN</b>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

E-BOX DIMENSIONS

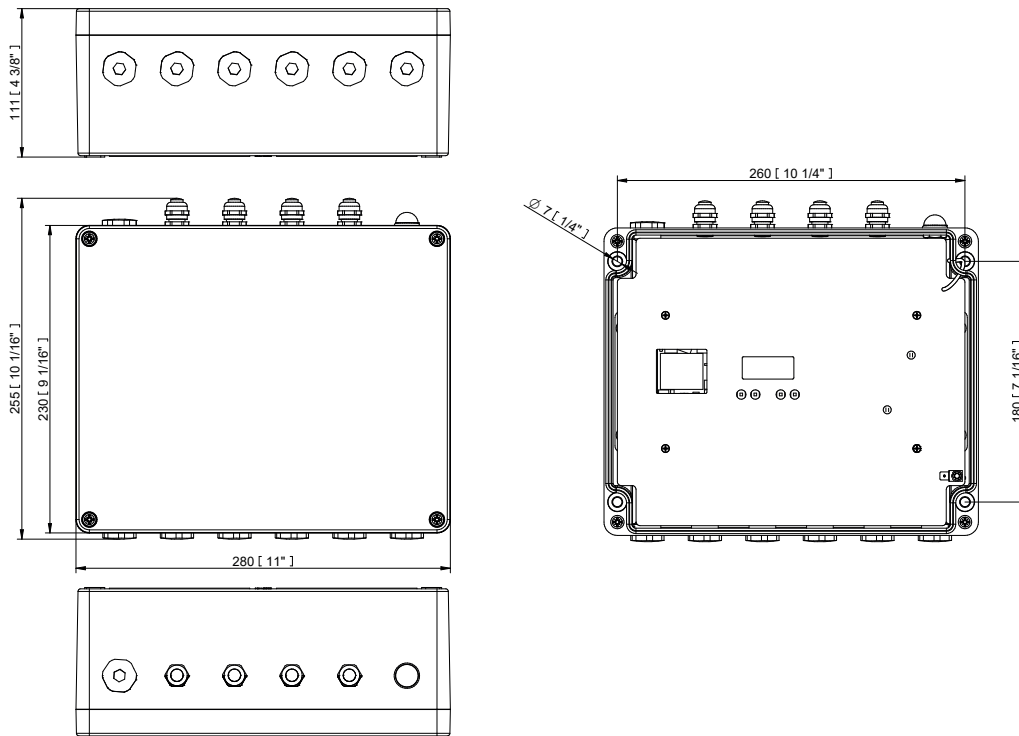
E-BOX LITE



E-BOX DAISY



E-BOX STAR

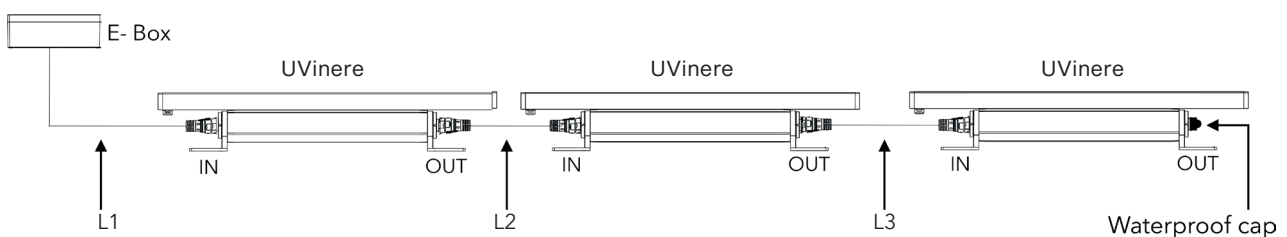


CONNECTIVITY

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

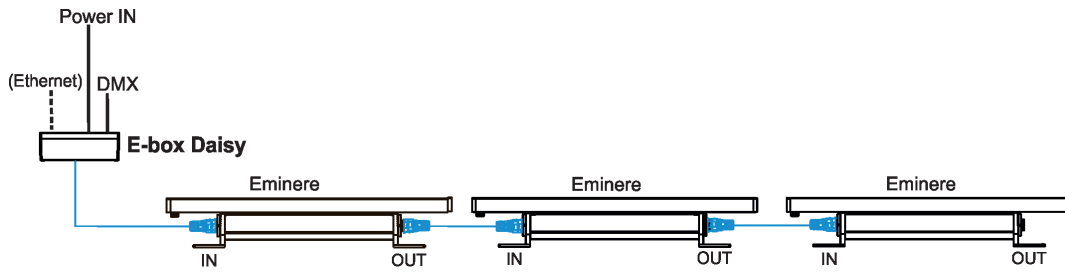
	Cable length (m)	Voltage (V)						Cable length (m)	Voltage (V)				
		100	120	190	230	277			100	120	190	230	277
UVINERE 2	10	34	41	64	78	94	UVINERE 4	10	17	21	33	40	48
	20	30	41	64	78	94		20	15	21	33	40	48
	30	20	28	64	78	94		30	10	15	33	40	48
	50	12	17	43	63	91		50	6	9	22	32	47
	70	8	12	31	45	65		70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

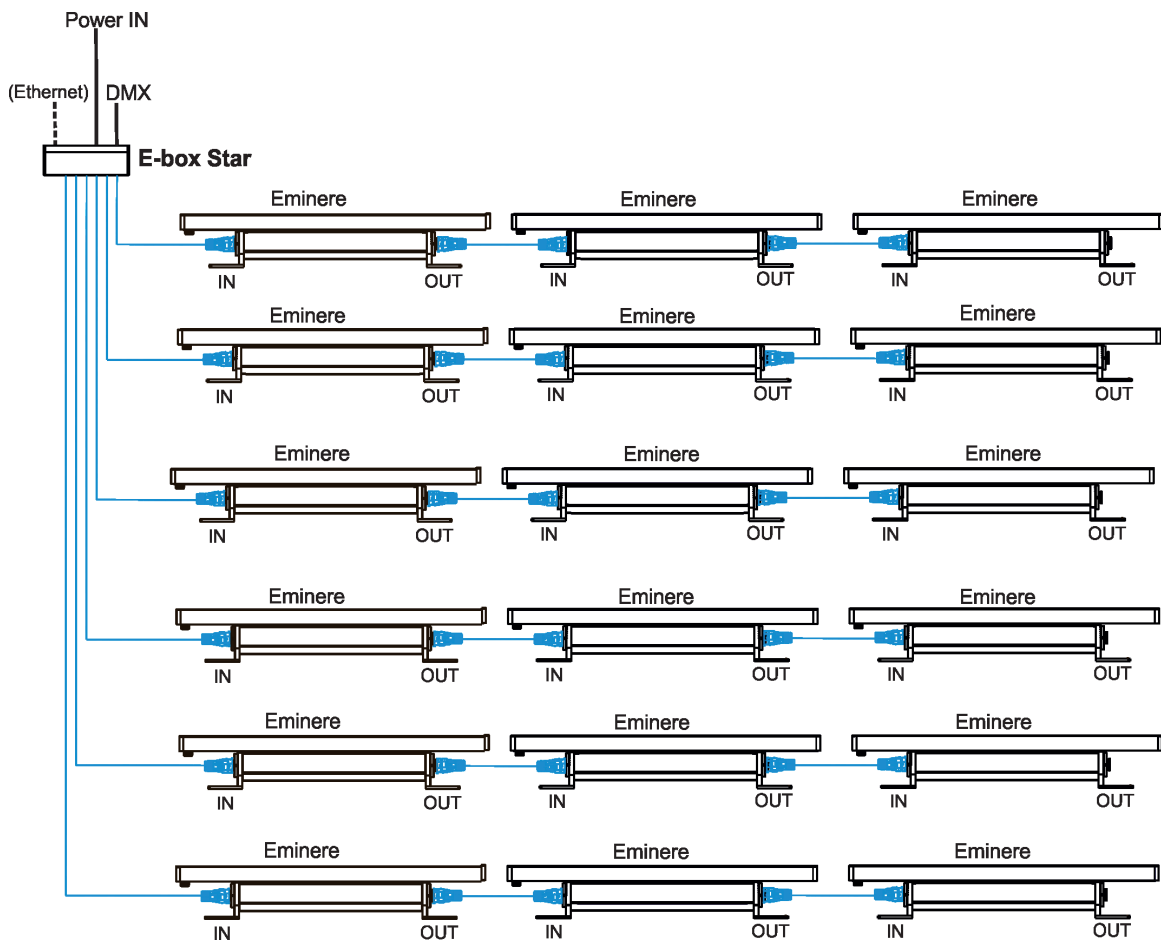


**CONNECTION**

**E-BOX LITE / DAISY**

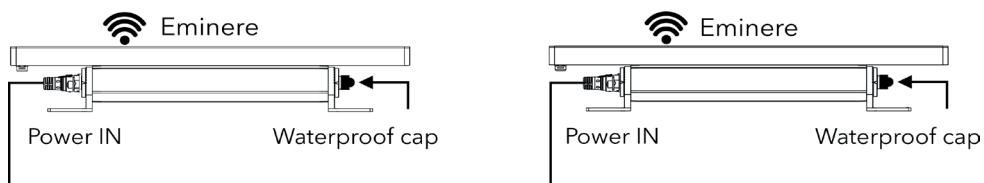


**E-BOX STAR**



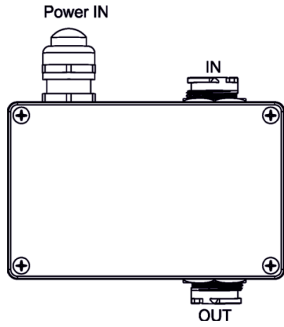
**CONNECTION - WIRELESS VERSION**

Connection setup, where every Eminere is independently accepting data from WIFI.

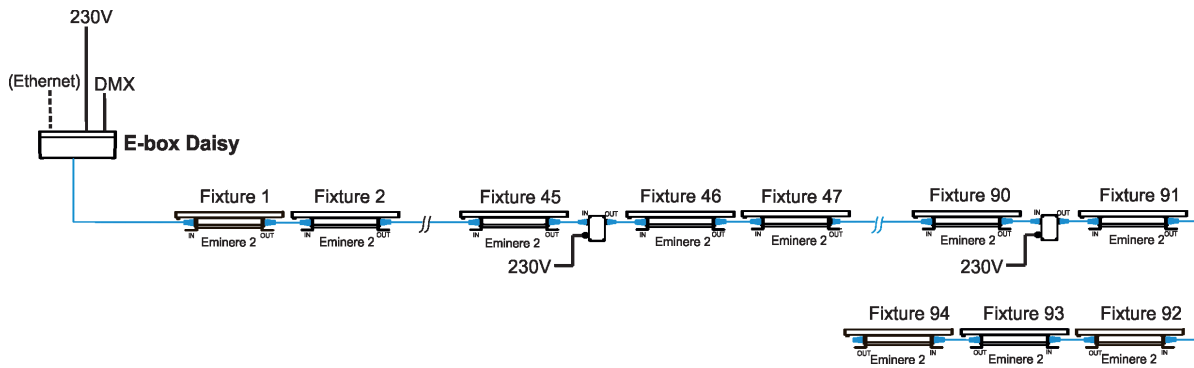


**THE BOOSTER BOX**

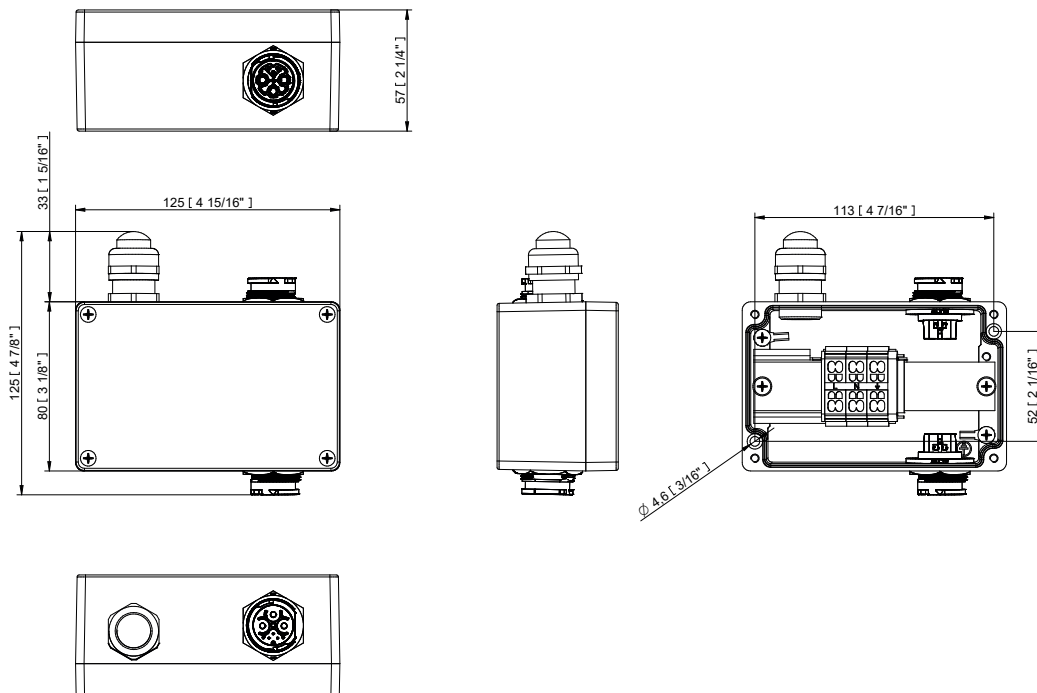
To compensate a voltage drop in a large installation, the Booster boxes have to be connected in the chain of Eminere modules.



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**





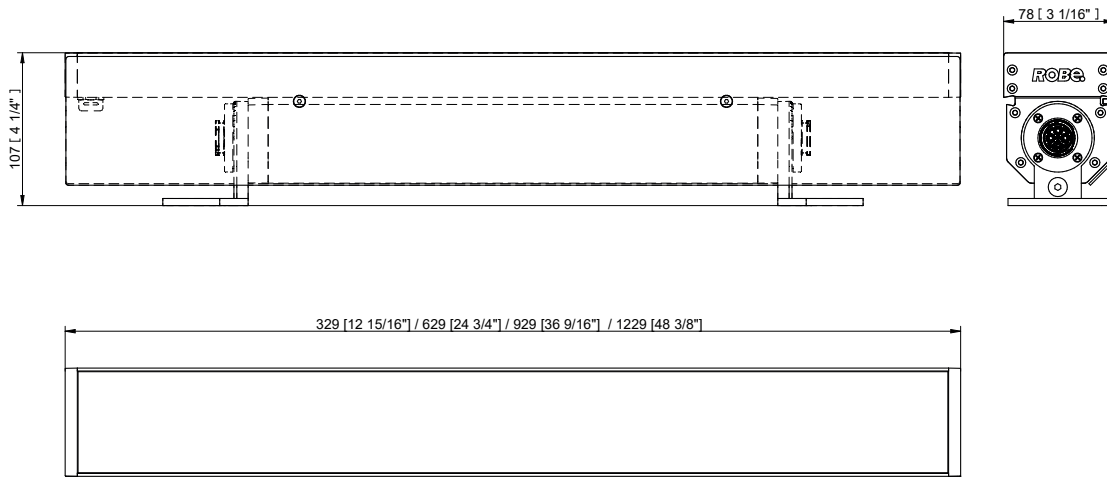
**BOOSTER BOX POSITIONS**

	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

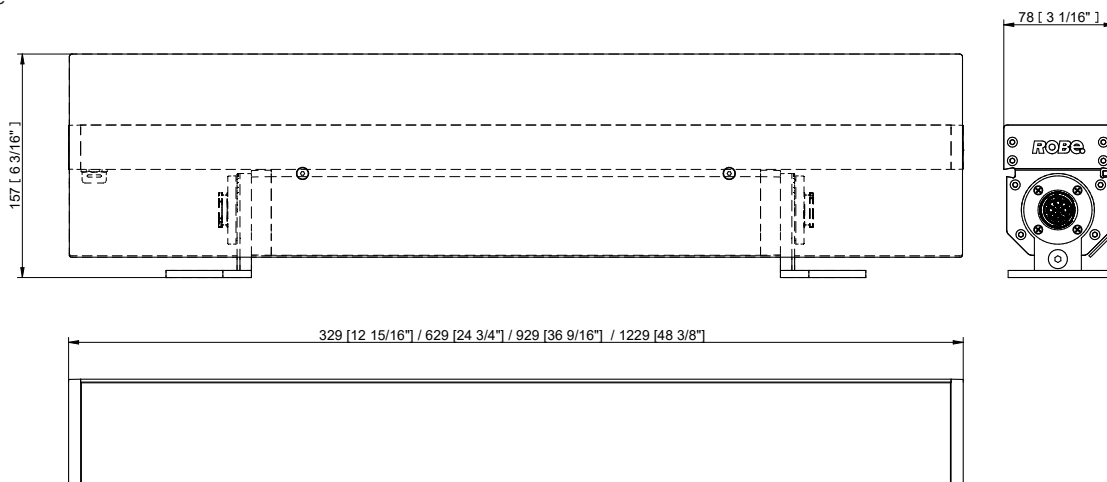
**NOTE:** For more detail see the User manual.

**ACCESSORIES**

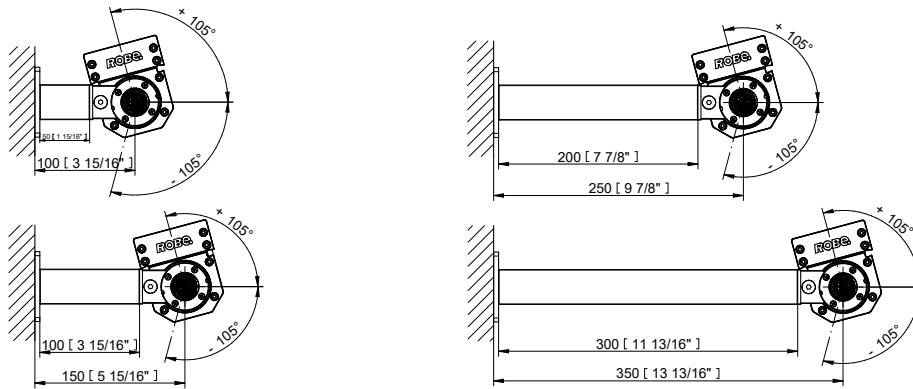
Cable Cover for Eminere



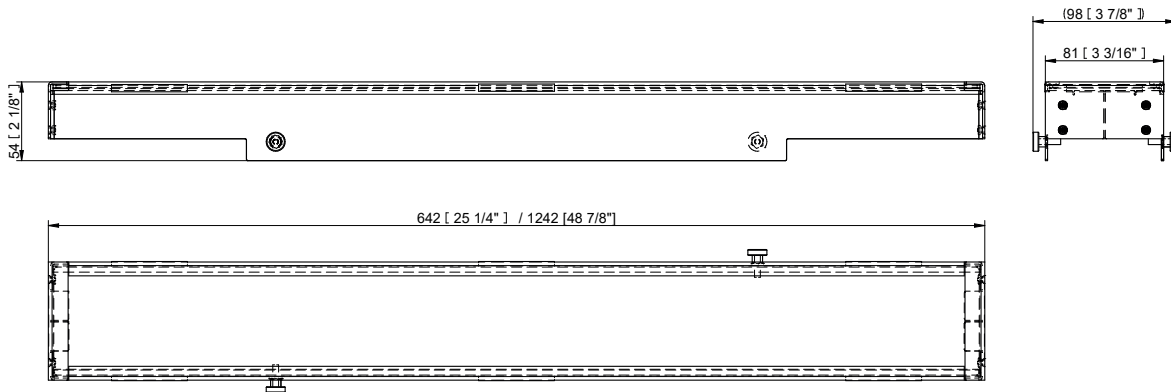
Shield for Eminere



Mounting brackets



Black Glass Adaptor For UVinere



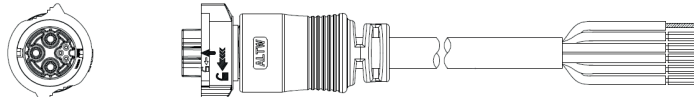
**CABLES**

**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



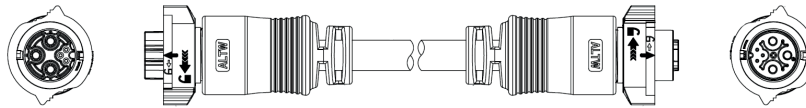
**Jumper Cable**

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

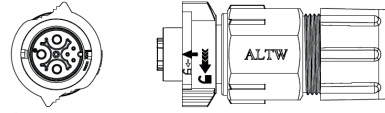
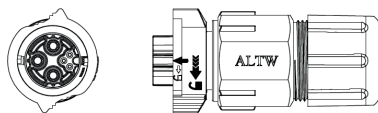
Male pins

**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



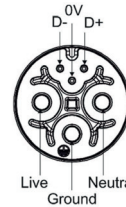
Female connector

Male pins

**Output** - panel connector  
(front view)

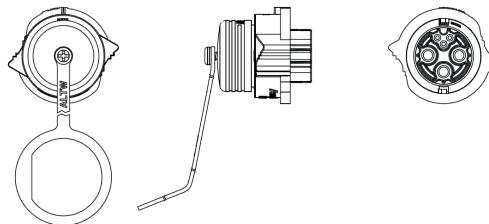


**Input** - panel connector  
(front view)



**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	-
<b>Other lengths</b>	On Request	