

EMINERE™ UV 2 / 4

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



KEY FEATURES

Optics & Control

With a wavelength of 365 nm, Eminere UV provides UV black light using 10,000-hour lifetime LEDs which can be powered by a standard Eminere or E-Box, and utilizes DMX (wired or wireless) or ethernet protocols for control.

Physical

Eminere UV is available in two physical models; 2-foot and 4-foot LED luminaires. All fixtures from our Eminere family are easily installed with the simplicity of a „plug and play“ installation.

Durability

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

CONTROL & PROTOCOLS



OPTIONAL



OPTIONAL

STANDARD & SPECIFICATION



Vibration
Standard for Bridge



2 Year
Warranty

COLOURS



UV

FINISH OPTIONS



Graphite
Black



Silver



Custom
Paint Colour



Harsh
Environment

OPTIC OPTIONS

NON-OPTIC



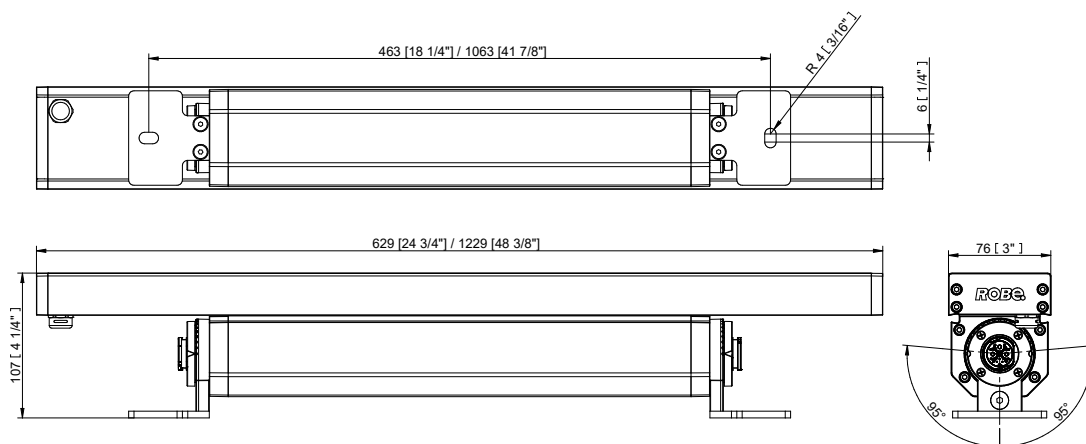
120°

OPTICAL



38°

DIMENSIONS



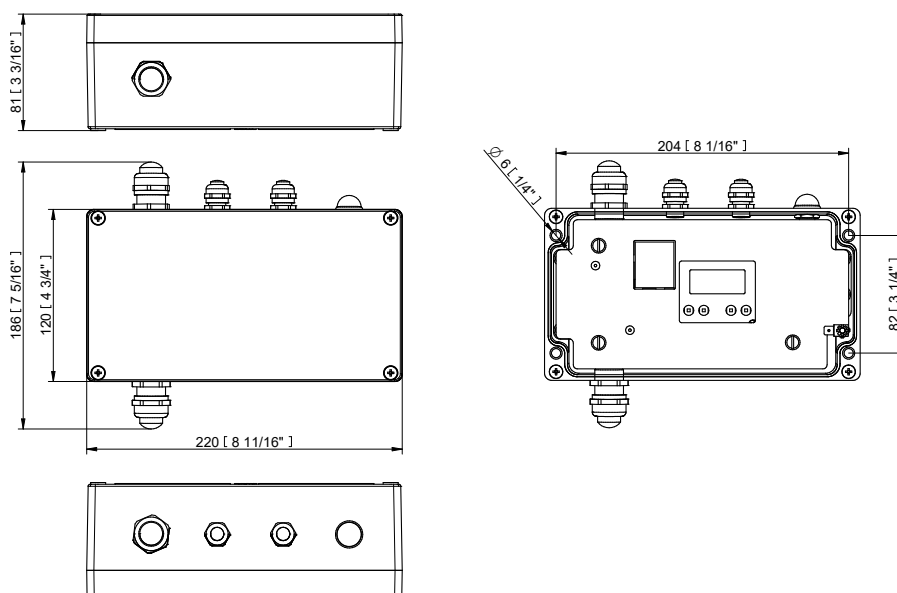
EMINERE UV SPECIFICATION

ELECTRICAL	Input Voltage	120 - 277 V AC 50/60 Hz	
	Typical Power Consumption	Eminere UV 2	45 W
		Eminere UV 4	85W
OPTICAL	Light Source	Eminere UV 2: 16 x UV LEDs	
		Eminere UV 4: 32 x UV LEDs	
	UV LEDs Wave Length	365 nm	
	Beam Angle	Optic: 38° Non-optic: 120°	
	LEDs lifetime	10.000 hrs	
CONTROL	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	78 of Eminere UV 2 (@ 230 V and 30m cable) via 1 Output
		E-box Daisy	78 of Eminere UV 2 (@ 230 V and 30m cable) via 1 Output
		E-box Star	78 of Eminere UV 2 (@ 230 V and 30m cable) via 1 Output
PHYSICAL	Width x Height x Length	Eminere UV 2	76 x 107 x 629 mm (2.99 x 3.58 x 24.76 in.)
		Eminere UV 4	76 x 107 x 1229 mm (2.99 x 3.58 x 48.38 in.)
	Weight	Eminere UV 2	4.05 kg 8.92 lbs
		Eminere UV 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) Silver (RAL 9006)	
		Cost Option - Custom RAL Harsh Environment (RAL 9016, RAL 9011)	
	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	ETL / cETL, CE, RoHS	
ACCESSORIES	Mounting Brackets	Mounting Bracket	50mm 100mm 200mm 300mm
		Mounting Bracket	Custom length
	Optical	Black Glass Adaptor For Eminere UV 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	

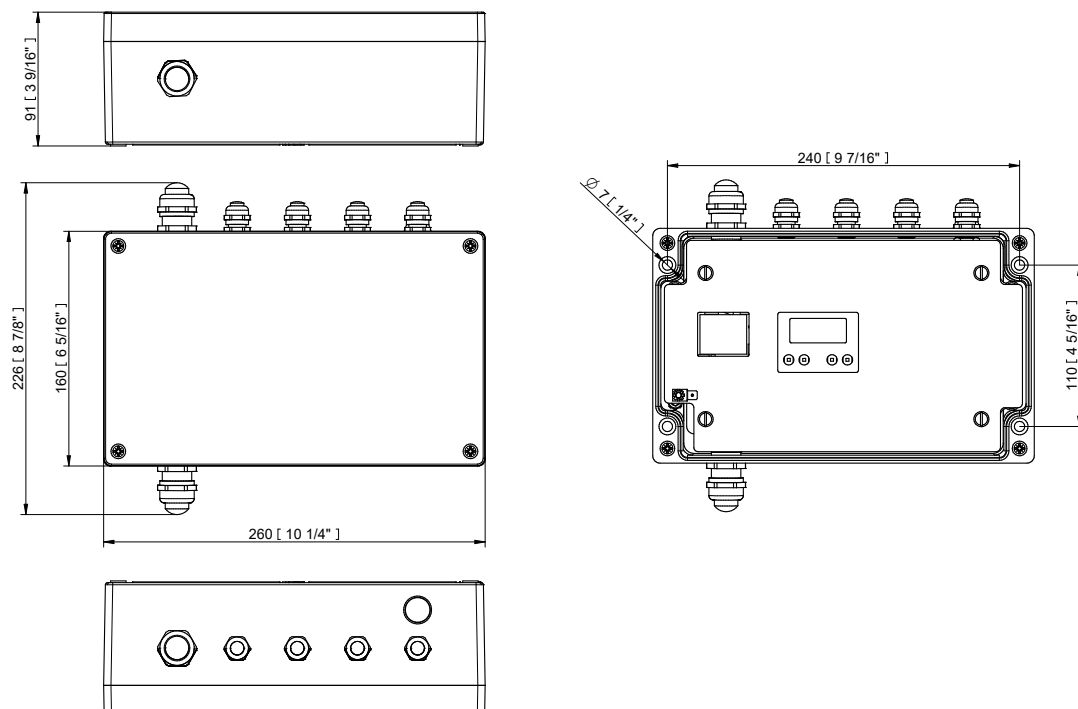
E-BOX SPECIFICATION

ELECTRICAL	Input Voltage	120 - 277 V AC 50/60 Hz		
	Wireless DMX (Option)	Lumen Radio CRMX Technology		
CONTROL	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		
	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	78 of Eminere UV 2 (@ 230 V and 30m cable) via 1 Output	
		E-box Daisy	78 of Eminere UV 2 (@ 230 V and 30m cable) via 1 Output	
		E-box Star	78 of Eminere UV 2 (@ 230 V and 30m cable) via 6 Outputs	
PHYSICAL	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		

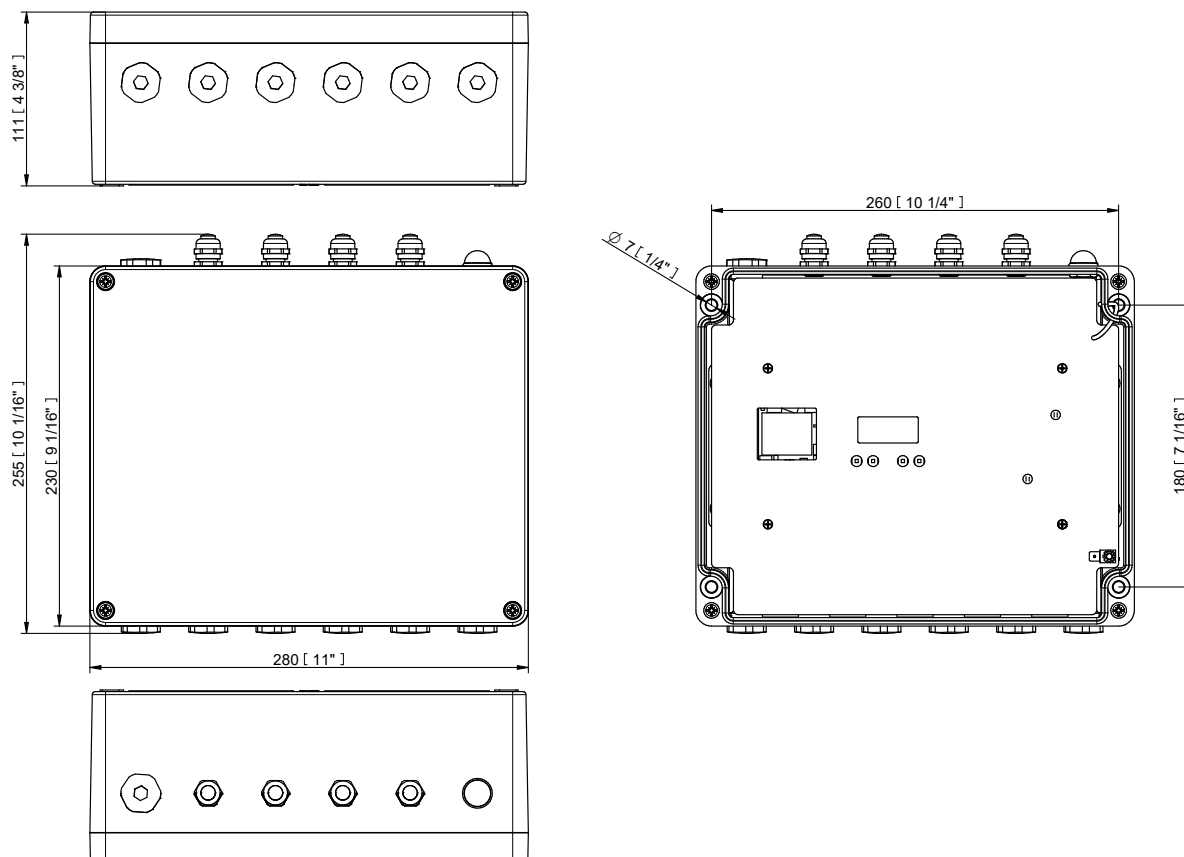
E-BOX LITE DIMENSION



E-BOX DAISY DIMENSION

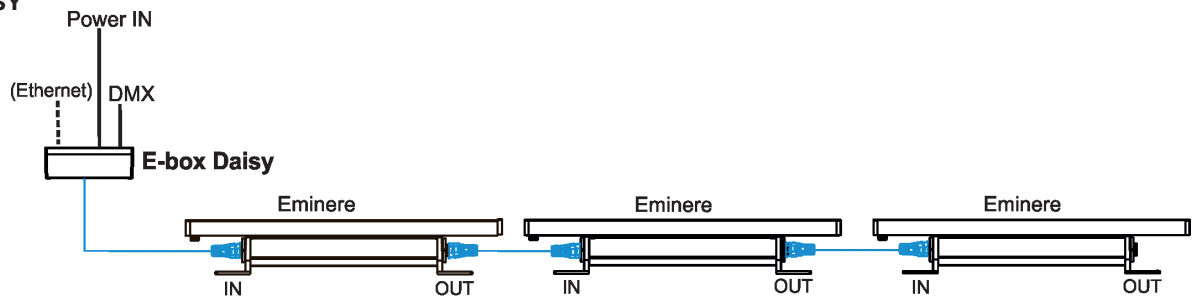


E-BOX STAR DIMENSION

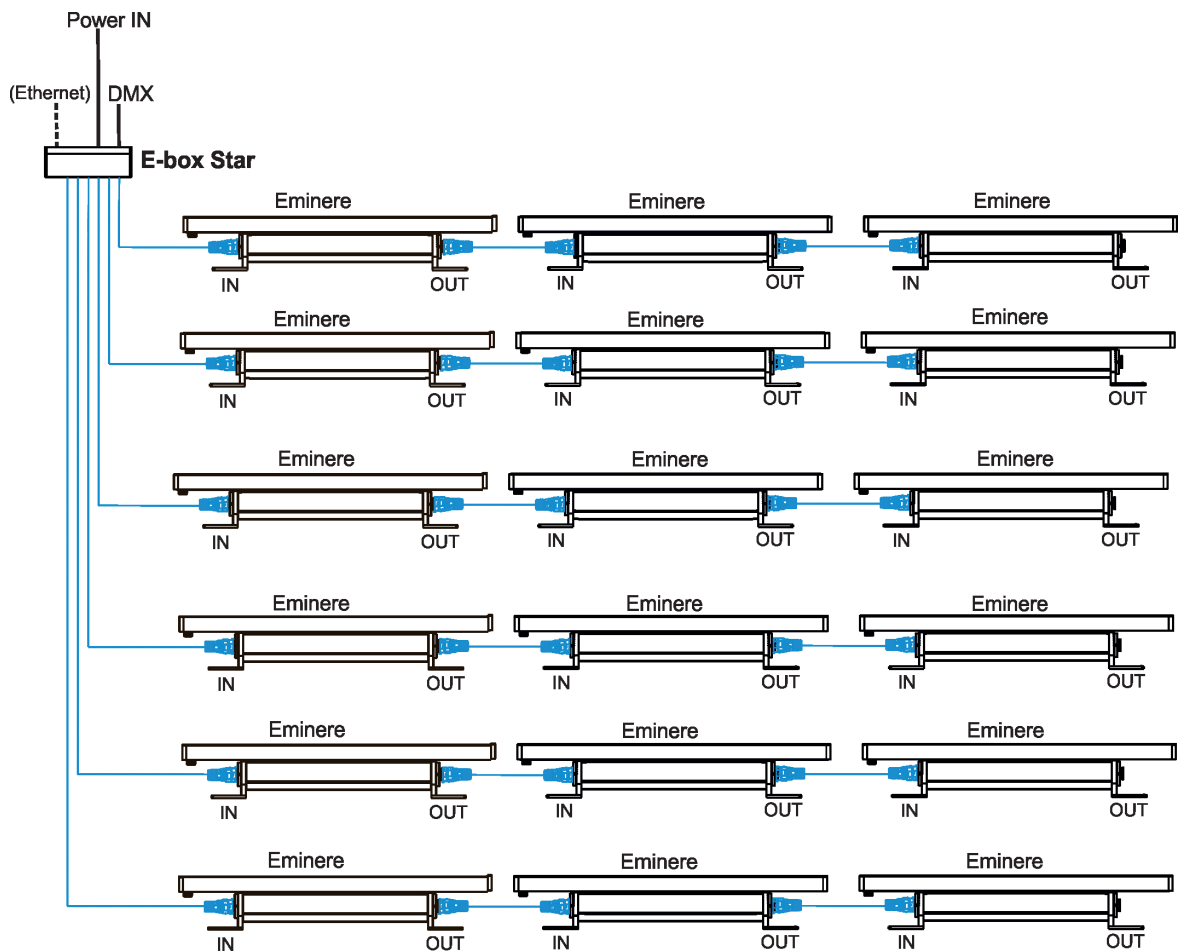


CONNECTION

E-BOX LITE / DAISY

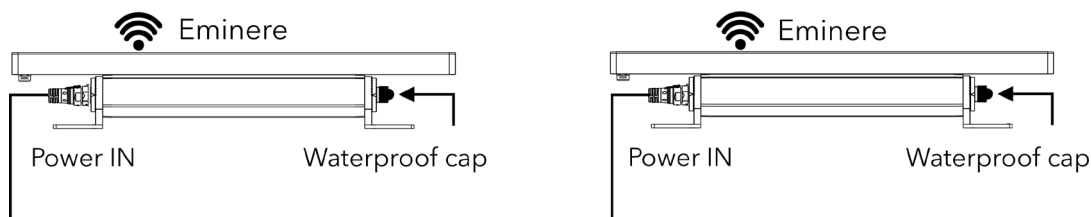


E-BOX STAR



CONNECTION - WIRELESS VERSION

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



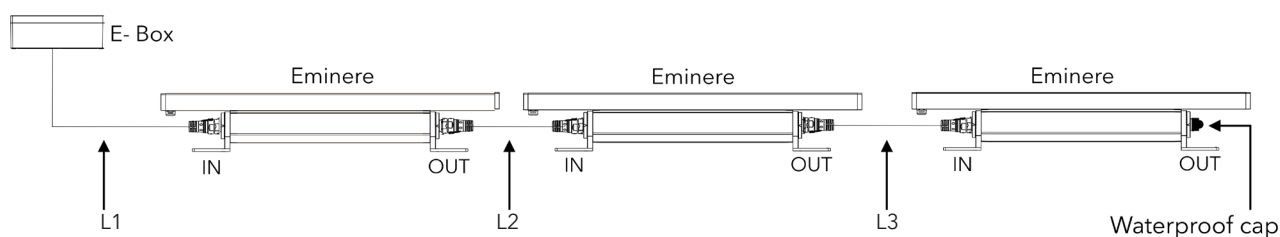
CONNECTIVITY

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

	Cable length (m)	Voltage (V)				
		100	120	190	230	277
EMINERE 2	10	34	41	64	78	94
	20	30	41	64	78	94
	30	20	28	64	78	94
	50	12	17	43	63	91
	70	8	12	31	45	65
	100	6	9	21	31	46
	200	3	4	11	16	23

	Cable length (m)	Voltage (V)				
		100	120	190	230	277
EMINERE 4	10	17	21	33	40	48
	20	15	21	33	40	48
	30	10	15	33	40	48
	50	6	9	22	32	47
	70	4	6	16	23	38
	100	3	4	11	16	23
	200	2	2	5	8	12

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

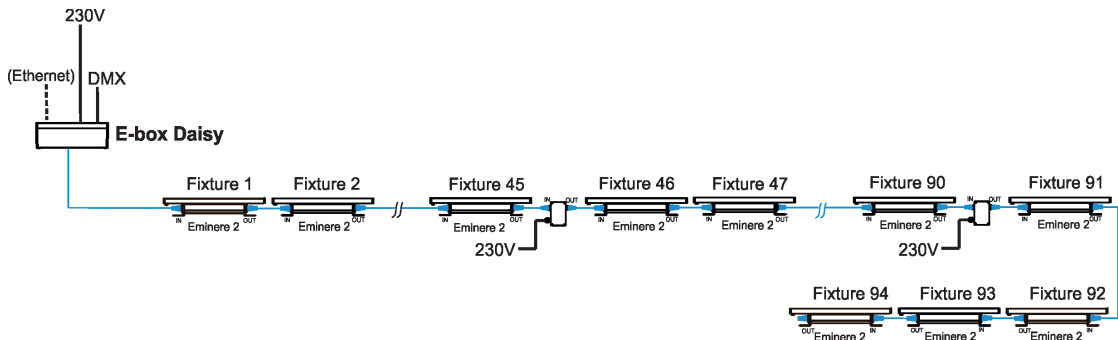


BOOSTER BOX

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.

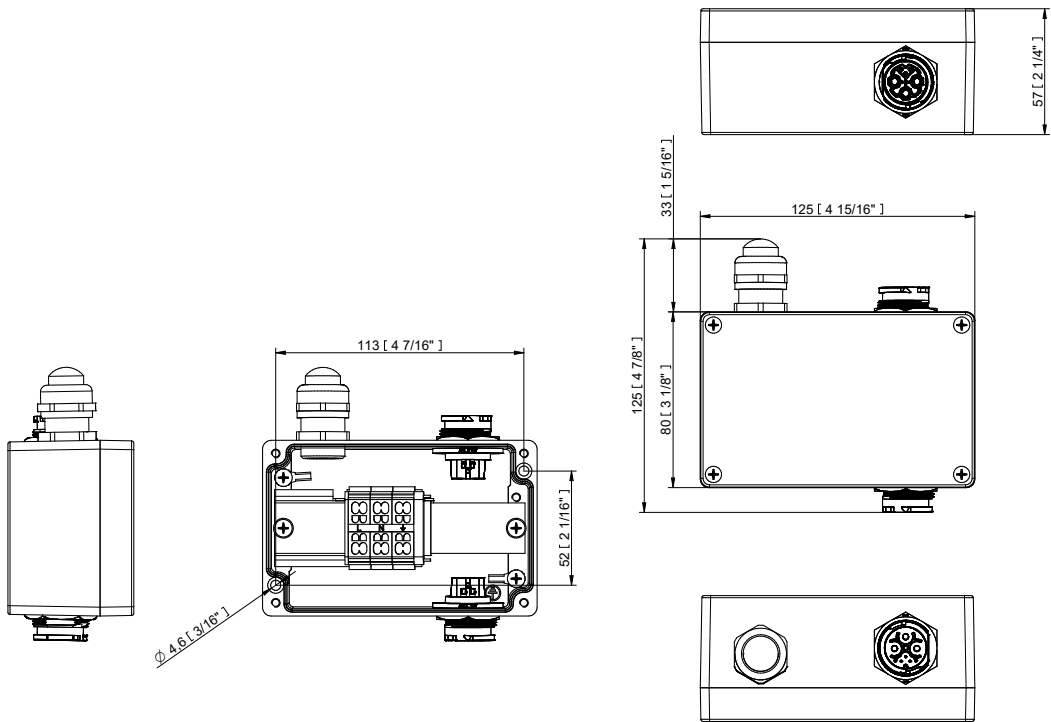


BOOSTER BOX POSITIONS

	Cable length (m)	Max. number of Emineres 2 = 94 (in Standard mode)			
		120 V	190 V	230 V	277 V
EMINERE UV 2	10 m	41,82	64	78	-
	20 m	41,82	64	78	-
	30 m	28,56,84	64	78	-
	50 m	17,34,51,68,85	43, 86	63	91
	70 m	12,24,36,48,60,72,84	31,62,93	45,90	65
	100 m	9,18,27,36,45,54,60,72,81, 90	21,42,63,84	31,62,93	46,92
	200 m	4,8,12,16,20,24,28,32,36,40,44,48,52,56, 60,64,68,72, 76,80,84,88,92	11,22,33,44,55, 66,77,88	16,32,48,64,80	23,46,69,92

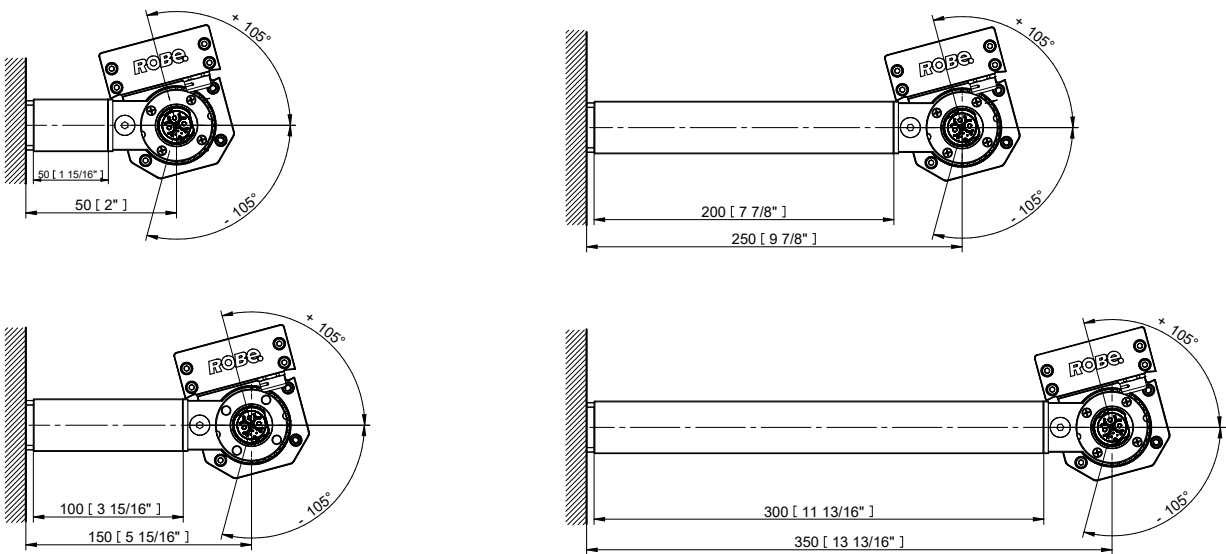
NOTE: For more detail see the User manual.

DIMENSIONS

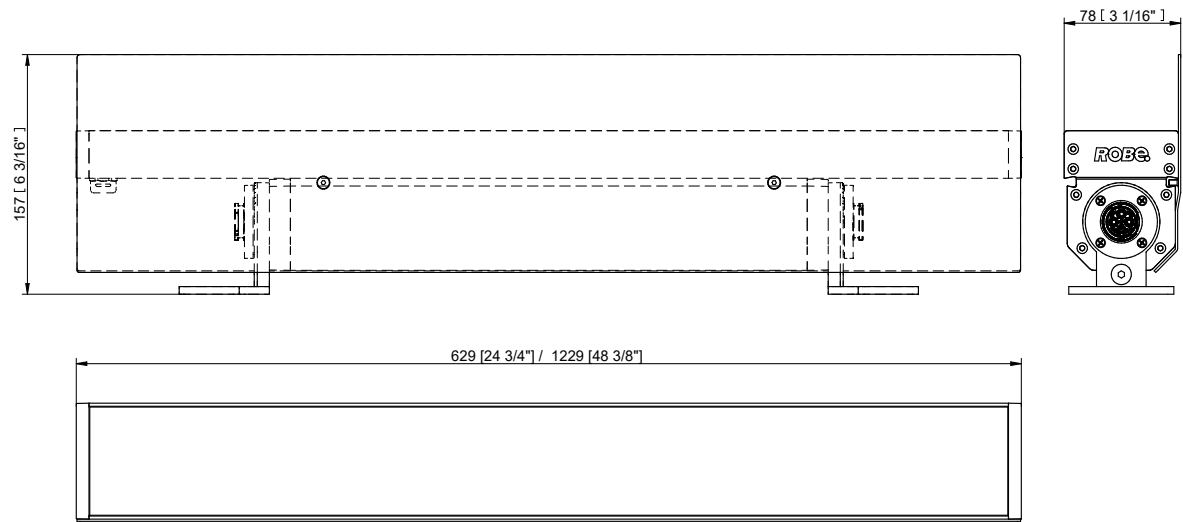


ACCESSORIES

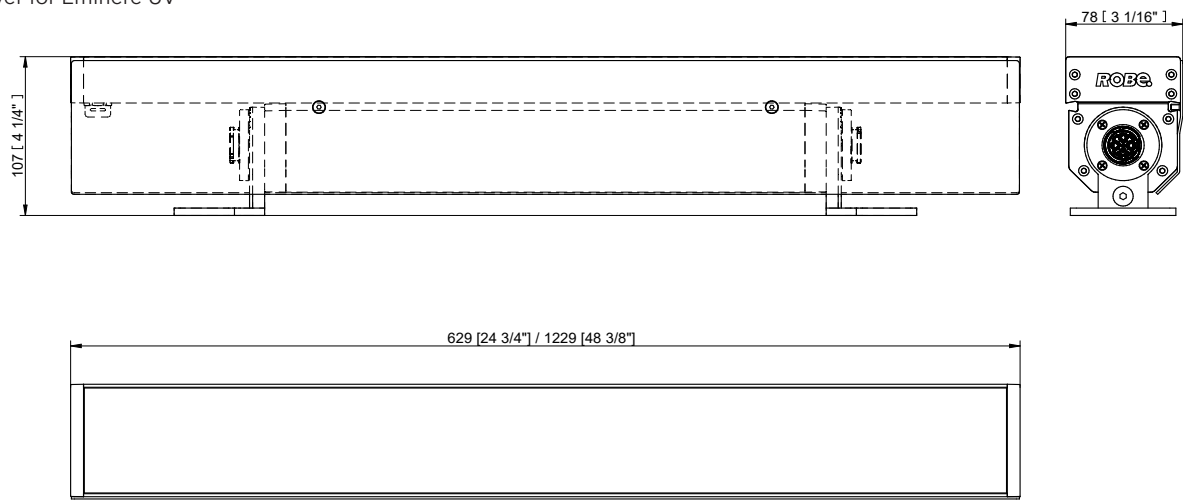
Mounting brackets



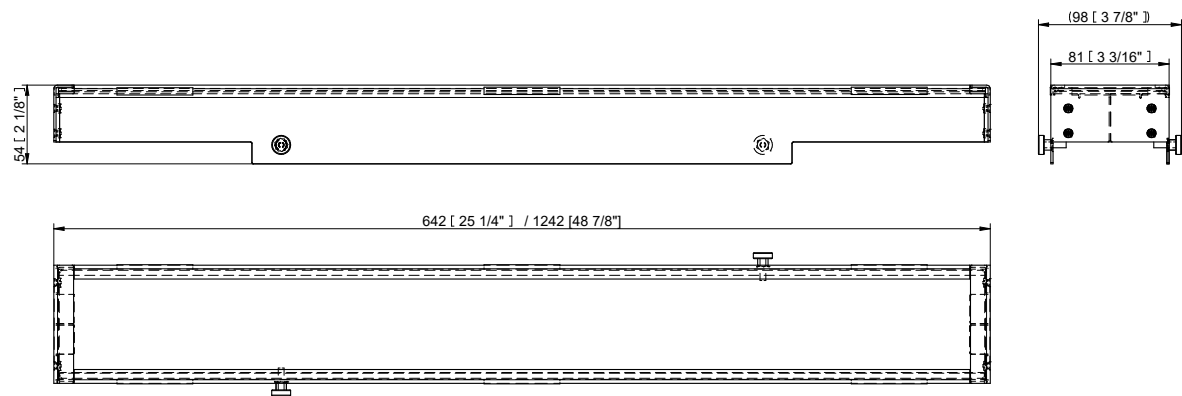
Shield for Eminere UV



Cable Cover for Eminere UV



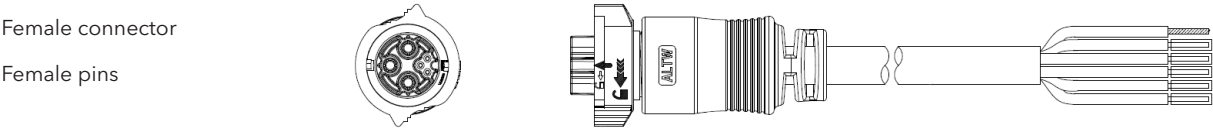
Black Glass Adaptor For Eminere UV



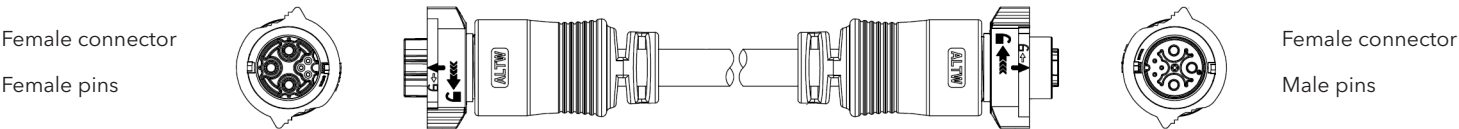
CABLES

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.

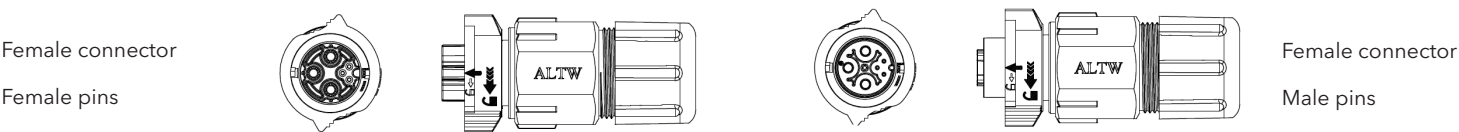


Jumper Cable - for connection between two Emineres.

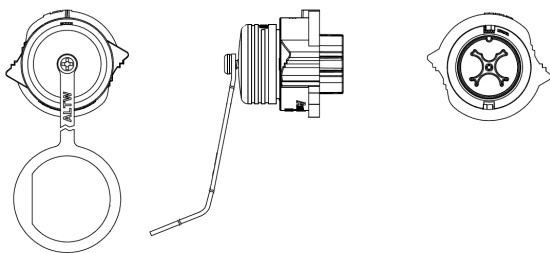


Field installable connector

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



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
5	YES	YES
10	YES	YES
25	YES	-
50	YES	-
Other lengths	On Request	