

EMINERE® INGROUND 1 / 2 / 4 II WALLWASHER

Eminere Inground II Wallwasher is a robust in-ground luminaire specifically designed to provide smooth and uniform illumination of vertical surfaces. Its dedicated wallwasher optics distribute light evenly across the wall, making it an ideal solution for highlighting façades and architectural surfaces. A stainless steel installation sleeve provides rust protection as well as “armour” for the Eminere fixture itself. The luminaire comes with an IP67 protection rating, standard or anti-skid glass, and perfect colour mixing. With a wide range of colour variants, Eminere Inground II Wallwasher is an ideal choice for exterior architectural applications.



KEY FEATURES

Application
Anti-skid glass option for pedestrian areas application. Easy to install into soft and hard ground.

Light Source
Full spectral LEDs selection with custom option on request. Output up to 2.019 lm for Eminere Inground 2 II RGBW. Long LED lifetime over 90,000 hrs. Fixed wallwasher optics for smooth and uniform light distribution across vertical surfaces.

Durability
High durability with ingress factor of IP67 and walkover housing for highest durability requirements.

COLOURS

STANDARD



RGBW
(6500 K)



RGBA



PW
(3000 K)



TW
(2200-3000 K)

UPON REQUEST

AVAILABLE COLOURS
FOR CUSTOM SETUP



RED



GREEN



BLUE



AMBER



2.200 K



2.700 K



3.000 K



4.000 K



6.500 K

OPTIC OPTIONS

ASYMMETRICAL



WIDE
WALLWASHER



WALLWASHER

FINISH OPTIONS

* CLOSEST RAL TONE
* HE = HARSH ENVIRONMENT

FIXTURE



Graphite Black
RAL 9011*



HE
Graphite Black
RAL 9011*

SLEEVE & COVER PLATES



Stainless
Steel

CONTROL & PROTOCOLS



VIA
E-BOX
OPTIONAL



WIRELESS
DMX
OPTIONAL



DALI
OPTIONAL



ON
OFF
OPTIONAL

STANDARD & SPECIFICATION



IP67



IK10



CE



ETL



ROHS



UK
CA



5
YEAR
Warranty
with
Registration



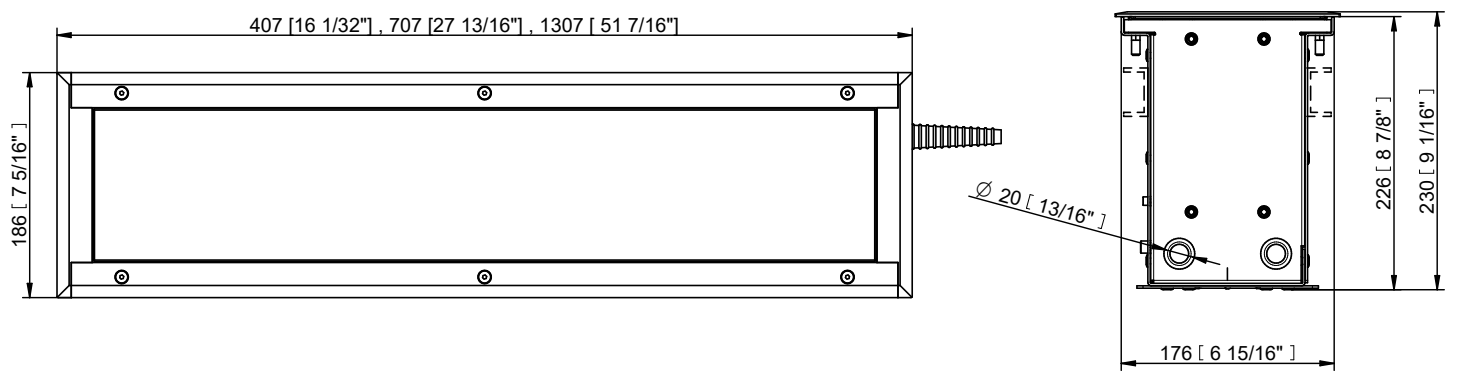
Vibration
Standard
for Bridge

SPECIFICATION

ELECTRICAL	Input Voltage	120–277 V AC 50/60 Hz		
	Typical Power Consumption	Eminere Inground 1 II WW: 30 W	Eminere Inground 2 II WW: 50 W	Eminere Inground 4 II WW: 90 W
OPTICAL	Light Source	12, 24, 48 x High Power Single Chip LEDs		
	Color Variants	RGBW (W - 6500 K) RGBA Pure White (W - 3000 K) Tuneable White (2200–3000 K)		
		Custom Setup On Request: Red, Green, Blue, Amber, 2200 K, 2700 K, 3000 K, 4000 K, 6500 K		
	Beam Angle	Asymmetrical	Wallwasher Wide Wallwasher	
	Lumen Output Delivered	Eminere Inground 1 II	1.010 lm, RGBW @ 9° (Clear Glass) 1.011 lm, RGBW @ 18° (Anti-Skid)	
		Eminere Inground 2 II	2.019 lm, RGBW @ 9° (Clear Glass) 2.021 lm, RGBW @ 18° (Anti-Skid)	
Eminere Inground 4 II		4.038 lm, RGBW @ 9° (Clear Glass) 4.042 lm, RGBW @ 18° (Anti-Skid)		
Projected Lumen Maintenance	L90B10 >90.000 hrs, Ta = 25°C / 77°F			
CONTROL	Interface Protocol	Via E-Box range, Wireless DMX, ON/OFF (PW or Single colour only), DALI 2 NFC		
	E-Box Control Protocols	USITT DMX512, RDM, ArtNet, MA Net, MA Net2, sACN, Kling-Net		
	Wireless DMX (Option)	Lumen Radio CRMX Technology		
	Operating Modes	Pixel (12 LEDs/300mm) or Fixture mode		
	Setting / Addressing	Via Two Row LCD Display with Control Buttons or RDM communicator NFC (Stand-alone)		
	Power Supply	Integrated		
	Connectivity	E-box Lite	Max. 32 pcs of Eminere Inground 1 / 2 / 4 II	
PHYSICAL	Width x Height x Length	Eminere Inground 1 / 2 / 4 II Wallwasher	186 x 230 x 407 / 707 / 1307 mm (7.32 x 9.05 x 16.02 / 27.83 / 51.46 in.)	
	Weight	12.8 kg / 28.2 lbs	(8.5 kg / 18.7 lbs Eminere Inground 1 II WW Fixture, (5.5 kg / 12.1 lbs Install. Sleeve)	
		19.6 kg / 43.2 lbs	(12 kg / 26.4 lbs Eminere Inground 2 II WW Fixture, 9.5 kg / 20.9 lbs Install. Sleeve)	
		35.4 kg / 78.1 lbs	(21 kg / 46.2 lbs Eminere Inground 4 II WW Fixture, 18.7 kg / 41.1 lbs Install. Sleeve)	
	Housing	High Pressure Extruded Aluminium Body End Caps - Die-Cast Aluminium Tempered Glass		
		Anti-Skid (Option) Stainless Steel Instalation sleeve for pre-installation		
	Finish Options	Fixture	Graphite Black RAL 9011 Harsh Environment Graphite Black RAL 9011 (Cost option)	
		Sleeve & Cover Plates	Stainless Steel	
	Connections	Junction Box		
	Mounting Method	Inground mount		
	Adjustability	Wallwasher version fixed, non-tiltable		
	Protection Factor (IP IK)	IP67 / Suitable For Wet Locations		IK10
	Max. Static Load	Standard Tempered Glass: 45kN		Anti-Skid Tempered Glass: 23kN
Cooling System	Convection			
Operating Ambient Temperature	-20°C / +50°C (-4°F / +122°F)			
Operating Temperature	+80°C @ Ambient +40°C (+176°F @ Ambient +104°F)			
CERTIFICATION	Listings	ETL / cETL, CE, RoHS, UKCA		
	Anti - Skid Glass Certifi- cation	UNE ENV12633 (Class 3), DIN 51130 (R-12), DIN 51097 (Class B), ASTM C 1028-07 (DRY: ≥ 0,7, WET: ≥ 0,6), EN101:91 MOHS (4-Point scale)		

Not Included Items		
ACCESSORIES	Mounting	Eminere Inground Mounting Sleeve
		Eminere Inground Cover Plate Continuous (incl. 1x Cover Plate Middle)
		Eminere Inground Cover Plate End
		Eminere Inground Trim StandAlone
	Cables & Connectors	Junction Box for Eminere Inground
		Insulation Re-enterable Electrical Insulating Resin
		Cable CE WCA Cable US WCA

DIMENSIONS



PHOTOMETRIC OVERVIEW

Based on RGBCW (CLEAR GLASS) version, all leds @ full

Based on RGBCW (ANTI-SKID GLASS) version, all leds @ full

Lumen Output (lm)			Lumen Output (lm)		
	EMINERE INGROUND 2 II	EMINERE INGROUND 4 II		EMINERE INGROUND 2 II	EMINERE INGROUND 4 II
WallWasher	1 676	3 352	WallWasher	1 664	3 328
Wide WallWasher	1 388	2 776	Wide WallWasher	1 301	2 602

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	144 of Eminere 1 (@ 230 V and 40m cable) via 1 Output	
PHYSICAL		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 Grey Aluminium RAL 9007 Pure White RAL 9010 Sandstone RAL 1014	
		Harsh Environment	Graphite Black RAL 9011 Grey Aluminium RAL 9007 Pure White RAL 9010 Sandstone RAL 1014	
		Cost Option	Custom RAL	
	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

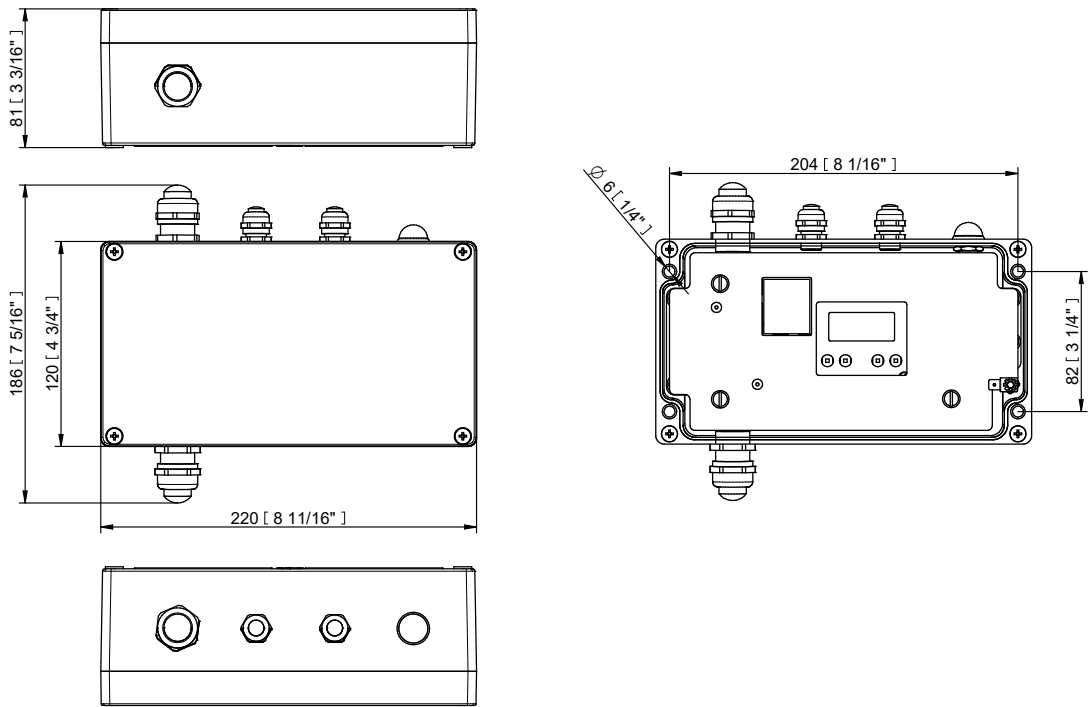
	E-BOX LITE	E-BOX DAISY	E-BOX STAR
Power input	1	1	1
Fixture Output	1	1	6
Total load (current)	16A	16A	16A
DMX control	YES	YES	YES
RDM	YES	YES	YES
Art-Net	NO	YES	YES
Ethernet switch	NO	YES	YES
Kling-Net	NO	YES	YES
sACN	NO	YES	YES
MA Net, MA Net2	NO	YES	YES

SPECIFICATION SHEET
EMINERE® INGROUND II WALLWASHER

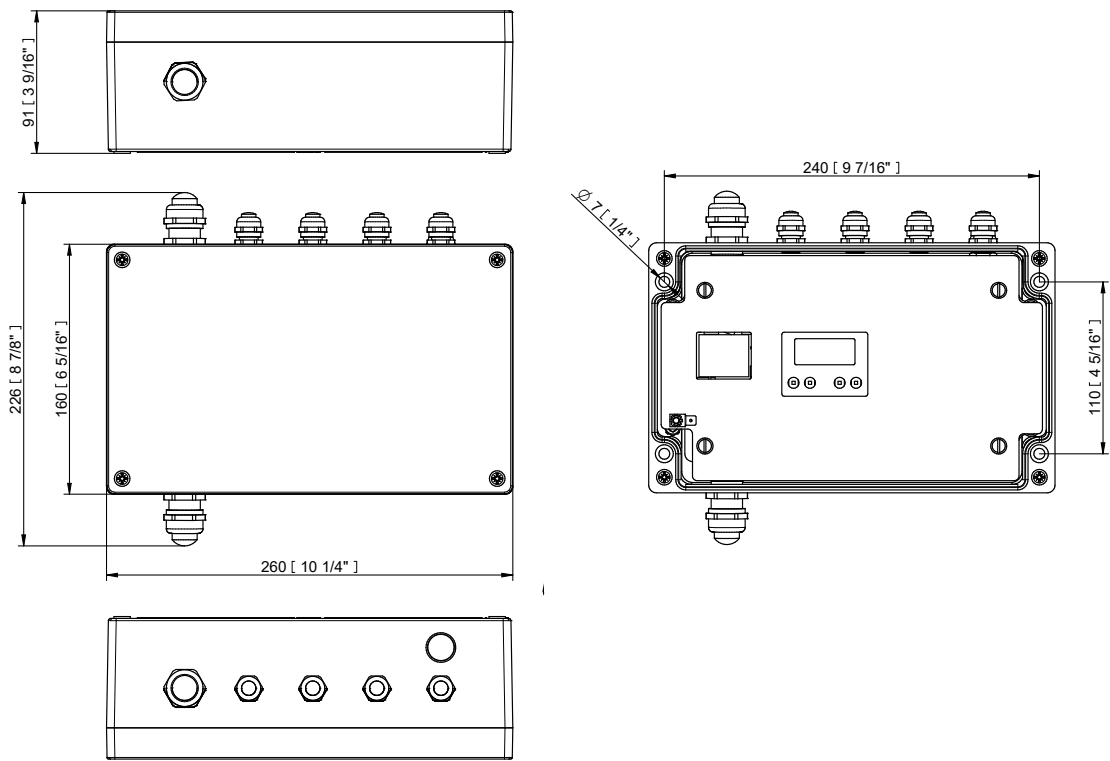


E-BOX DIMENSIONS

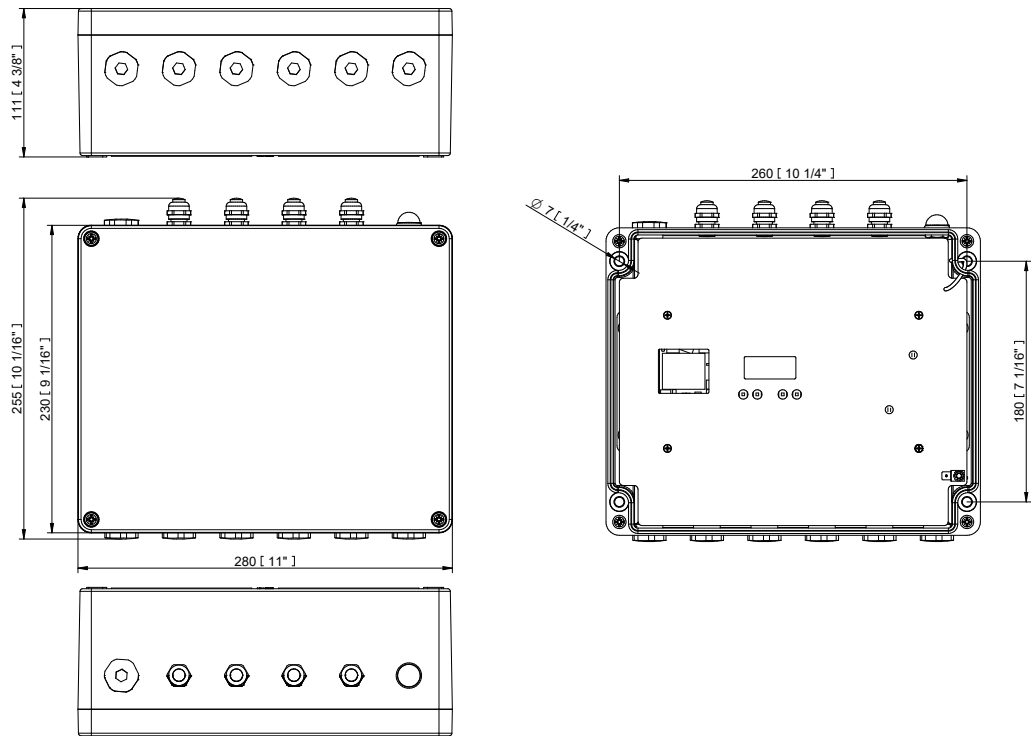
E-BOX LITE



E-BOX DAISY



E-BOX STAR



CONNECTIVITY

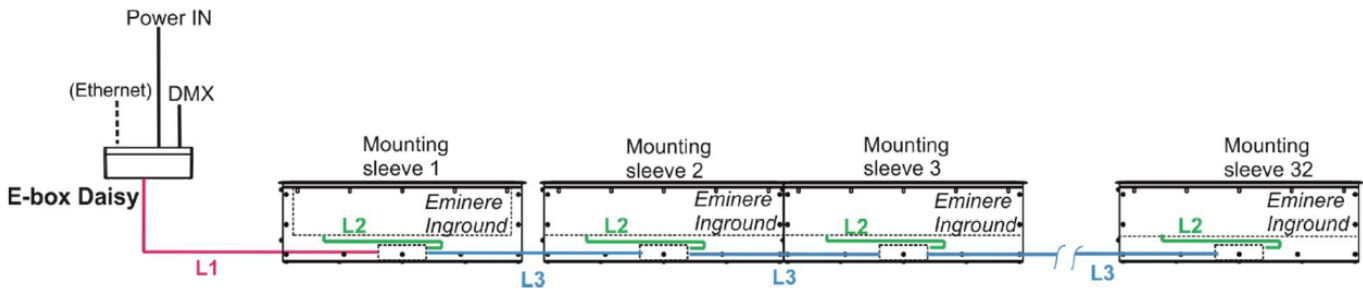
Following table shows maximum connected Emineres on each output of E-Box with respect of cable length.

	Cable length (m)	Voltage (V)			
		120	190	230	277
EMINERE INGROUND 2 II	10	32	32	32	32
	20	32	32	32	32
	30	28	32	32	32
	50	17	32	32	32
	70	12	31	32	32
	100	9	21	32	32

	Cable length (m)	Voltage (V)			
		120	190	230	277
EMINERE INGROUND 4 II	10	21	32	32	32
	20	21	32	32	32
	30	15	32	32	32
	50	9	22	32	32
	70	6	16	23	32
	100	4	11	16	23

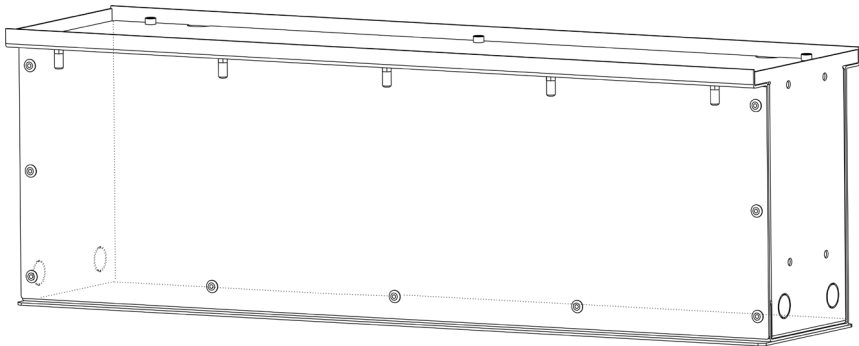
Please read the E-boxes user manuals for more information about their setting.

Important: the item “E-box mode” has to be set at “Pass Thr” (Personality - E-box mode - Pass Thr).



MOUNTING ACCESSORIES (ORDER SEPARATELY)

Mounting sleeve



Cover Plates

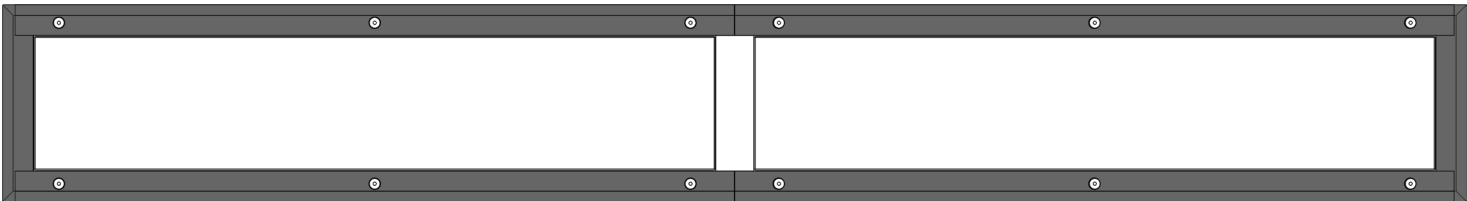
Two types of Cover Plates must be ordered separately, depending on installation option:

- Cover Plate Continuous (includes set of 2pcs)
- Cover Plate End (includes set of 2pcs)

Examples:



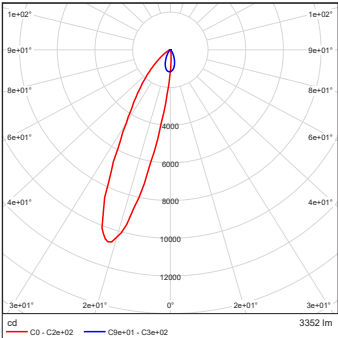
Cover plate set-up for STAND ALONE option (consist of 1x set of Cover Plate Continuous and 1x set of Cover Plate End).
Cover Plate Continuous is always packed together with 1x Cover Plate Middle.



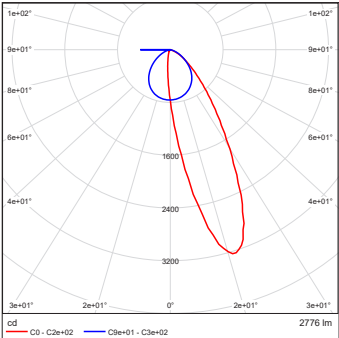
Cover plate set-up for HEAD2HEAD connection option (consist of 2x set of Cover Plate Continuous, 1x Cover Plate Middle and 1x set of Cover Plate End).
Cover Plate Continuous is always packed together with 1x Cover Plate Middle.

PHOTOMETRIC DATA

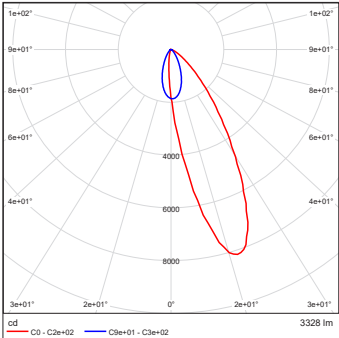
Eminere Inground 4 II RGBCW
Clear Glass WallWasher



Eminere Inground 4 II RGBCW
Clear Glass Wide WallWasher



Eminere Inground 4 II RGBCW
Anti-Skid Glass WallWasher



Eminere Inground 4 II RGBCW
Anti-Skid Glass Wide WallWasher

