

FEBO EVO

Professional LED Wall Facade Illuminator or Pathway Bollard

Concept: Inground or wall LED fixture with grazing lighting effect.

Materials: Extruded aluminum body, die-cast aluminum optical head with black radial blades. ^AConsult factory for use in marine grade environments.

Source: Multiple sources circuit, mid-power LED with flip-chip technology.

Optic: Optical unit composed of a collimating toroidal lens in transparent, optical grade PMMA.

Installation: Fixture is provided with 6ft IP68 connector cable. Direct burial brass ingrade jbox (required for bollard configuration only, sold separately).

Driver: Integrated 4/1 driver (Non-dimmable / 0-10V / Reverse Phase / Forward Phase).

Finish: Textured Standard Finishes – Ferrite Grey / Heritage Brown / Bronze RAL 8019 / White / Black / Sandstone Grey

Wattage: 17W / 32W

Color Temperature: 2700K / 3000K / 4000K

CRI: Ra84 (2700K, 3000K, 4000K)

Lumen Maintenance (L70): 50,000hrs

Calculation for LED fixtures are based on measurements that comply with IES LM-80.

Voltage: Universal Voltage 120-277V AC 50/60Hz

BUG: B1-U3-G3 for bollard mounting configuration only.

Distribution: Type V with optional shutters for lighting effects, see page 2.

IP Rating: IP67

Certifications: cULus listed Wet Location

Tested in accordance with LM-79-08

Energy efficient for California installations.

Warranty: 5 year limited warranty

^AConsult factory for use in marine grade environments. Not to be in direct contact with salt for extended periods of time or used with corrosive agents.



Wall Mount Version



Bollard Mount Version
Febo Evo Shown in Ferrite Grey Finish



One the advantages of FEBO EVO is its versatility in creating different lighting effects with careful use of shutter kits. Every kit is composed of two 120° shutters, one for each of the FEBO EVO luminous rings. Made of black silicone they ensure stability of the material over time and ease of assembly even on installed fixtures.

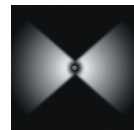
Every shutter has four areas of 15° prepared for cutting. This provides the possibility to obscure not only 120° angles but also smaller ones of 105° - 90° - 75° - 60°.

For every FEBO EVO a maximum of two shutter kits can be used which means it is possible to cover up to 240° of the total beam. Various combinations can be obtained by combining two kits and the different cutting possibilities they provide.

To obtain the same lighting effect using several fixtures on the same façade it is possible to position the shutters using the cardboard template provided in every kit.



Shown with (3)
Optional Shutter Kits



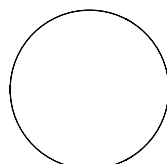
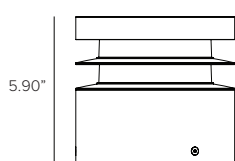
Shown with (2)
Optional Shutter Kits



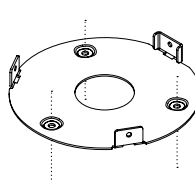
Shown with (1)
Optional Shutter Kit

PRODUCT CODE	DRIVER	FINISH	MOUNTING	WATTAGE	COLOR TEMP
FEB — FEBO EVO	41 — 4/1 Dimming (Non-Dimming / 0-10V / Reverse Phase / Forward Phase)	FE — Ferrite Grey HB — Heritage Brown BZ — Bronze RAL8019 WT — White Textured BT — Black Textured SG — Sandstone Grey	W — Wall Mount B — Bollard Mount	L1 — 17W L2 — 32W	27 — 2700K 30 — 3000K 40 — 4000K

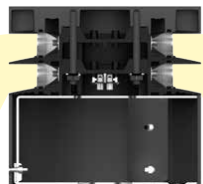
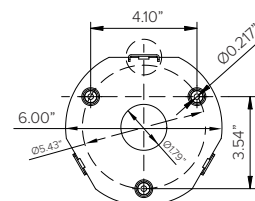
Views



Ø6.30"



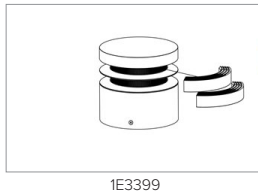
Mounting Plate



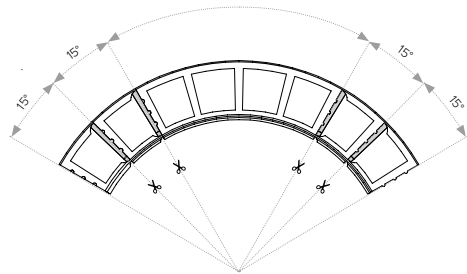
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FEBO EVO

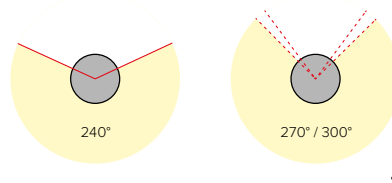
OPTICAL ACCESSORIES	
1E3399	120° shutter kit (with 4 cut zones that allow to shutter even 105°/90°/75°/60° angles). Sold in pairs. Max of two kits to be used per fixture.



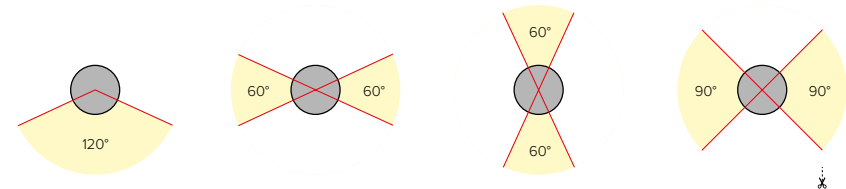
1E3399



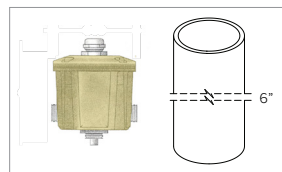
Achievable Optics with (1) 1E3399 Kit



Achievable Optics with (2) 1E3399 Kits



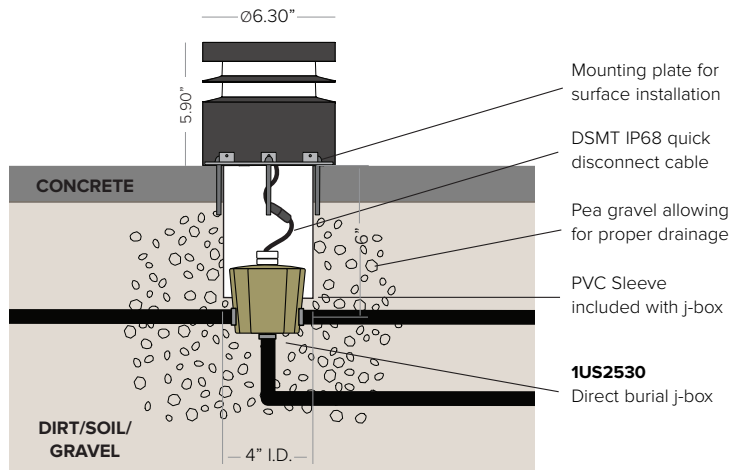
INSTALLATION ACCESSORIES	
1US2530	Direct burial brass ingrade j-box. Features stainless steel cover screws and strain relief for power cord, (2) 3/4" NPT bottom holes and (2) 3/4" NPT side holes. Includes (4) 3/4" to 1/2" adaptors and (2) 1/2" NPT plugs. PVC sleeve included, 6"H. (REQUIRED by NEC for bollard configuration, one per fixture)



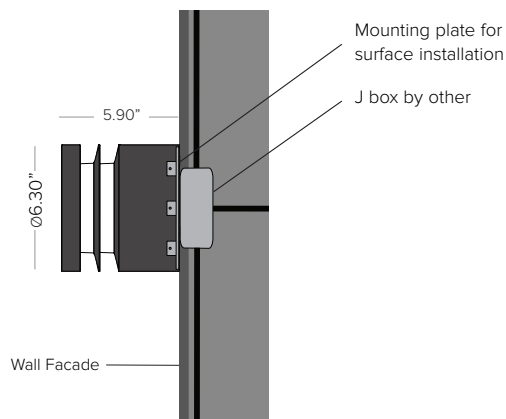
1US2530

Installation Diagrams

Surface Installation



Wall Mount Installation

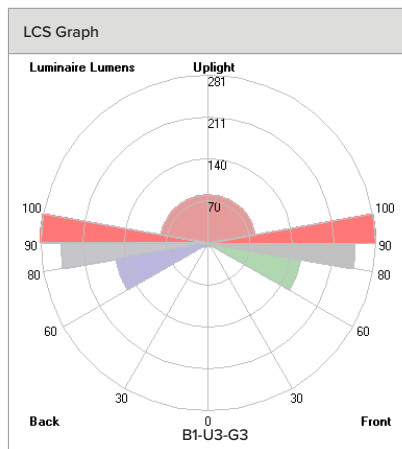
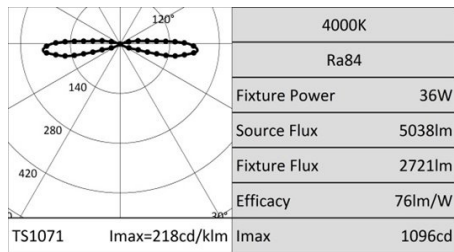
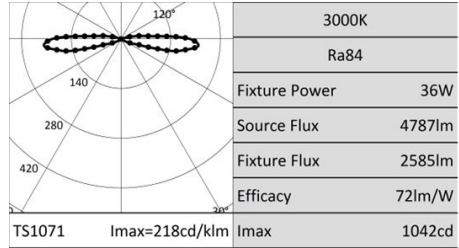
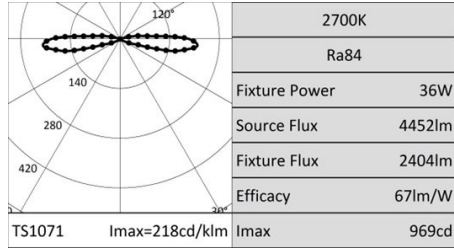


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FEBO EVO

Photometry

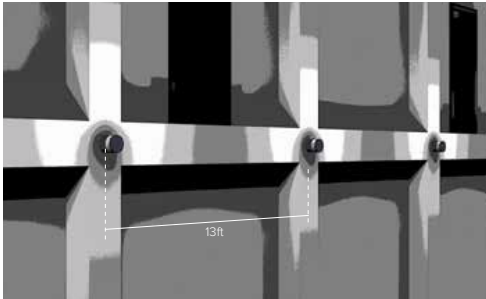
32W BOLLARD



FEBO EVO

Wall Mounting

It is in wall installations that FEBO EVO shows its potential the most. This sophisticated fixture emits a 360° blade of light without any interruptions that is capable of adhering to every surface like a second skin. Unlike a simple linear fixture with a grazing optic the light emitted from FEBO EVO is projected on all sides and surfaces of a façade be it simple or complex, giving the right weight to every detail to make the entire effect unique.



Pathway Bollard Ground Mounting

Installed on the floor FEBO EVO is a reliable tool with minimal visual impact capable of lighting paths in depth and breadth, or separating different areas using light. It is installed on the ground with a simple support base that is supplied.

