



Perforated Sleeve



Copper Sleeve



PROJECT

CATALOG #

TYPE

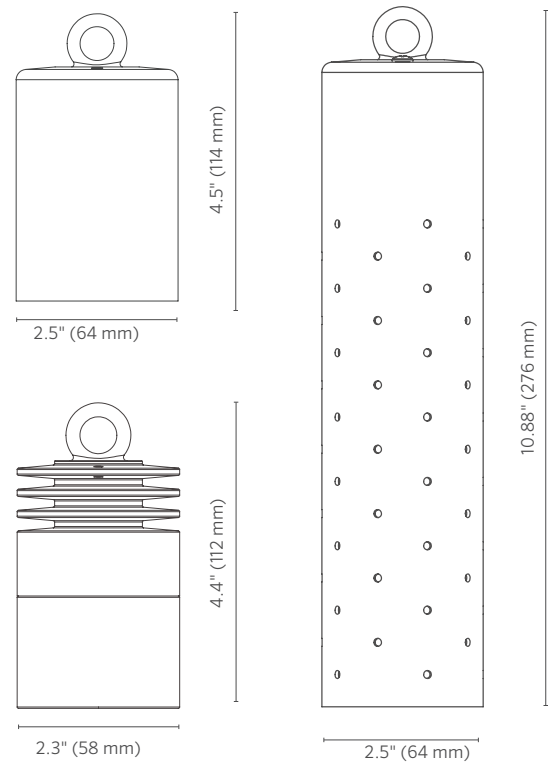
NOTES

VE DESIGNER PREMIUM

Hanging down light for overhead illumination in 1 or 3 LED. Available in aluminum construction.

Quick Facts

- Die-cast aluminum with optional copper sleeve
- Two-layer marine-grade anodization and powder coat finish
- Cree® integrated LEDs
- Tamper-resistant features
- Color temperature filters
- Compatible with Luxor® technology
- Phase and PWM dimmable
- Input voltage: 10-15V



VE Down Light SPECIFICATIONS

Output	1LED	3LED	ZDC
Total Lumens †	90	209	130
Input Voltage	10 to 15V	10 to 15V	10 to 15V
Input Power (W)	2.0	4.2	6.0
VA	2.4	4.5	7.2
Efficacy (Lumens/Watt)	46	50	39
Color Rendering Index (CRI)	80+	80+	80+
Maximum Candela	152	414	198
Dimming	PWM, Phase**	PWM, Phase**	PWM, Phase**
RGBW Available	No	No	Yes
Luxor Compatibility			
Default	Zoning	Zoning	--
ZD Option	Zoning/Dimming	Zoning/Dimming	--
ZDC Option	--	--	Zoning/Dimming/Color
Minimum Rated Life (L90 B10)	55,000 Hrs	55,000 Hrs	55,000 Hrs

** For optimal performance, use a trailing-edge, phase-cut dimmer.

† Measured using the 3,900K CCT lens. Multipliers for other CCTs include 0.80 (2,700K), 0.65 (4,500K), and 0.65 (5,200K).

FX Luminaire

FX Luminaire is an industry-leading manufacturer of landscape and architectural lighting products with a focus on the advancement of LED technology and digital lighting control with zoning, dimming, and color adjustment capabilities. We offer a full spectrum of specification-driven lighting fixtures that can be utilized to create elegant, cutting-edge landscape lighting systems for commercial or residential applications. Our products are available exclusively via our extensive professional distributor network.

Materials

Die-cast A380 aluminum housing and shroud with stainless steel setscrew, hanging cable, and cable lock.

Socket

Lamp holder contains MoistureBlock™ technology, preventing moisture from wicking up into sealed areas of the fixture.

Lamp

Integrated module with Cree LEDs. Gold-plated connectors and conformal coated for maximum reliability and corrosion resistance. Proprietary on-board intelligent driver uses firmware-controlled temperature regulation, maximizing LED life. Field upgradeable and replaceable, the LEDs are rated to 50,000 hrs. Maximum drive current: 1 A.

Wiring

18 AWG (1 mm); SPT-1W; 220°F (105°C); 300V; 26' (8 m) length.

Power

Input 10-15 VAC/VDC, 50/60 Hz. Remote transformer required (specify separately).

Housing

Die-cast A380 aluminum housing with capacity for 1LED, 3LED, or ZDC integrated LEDs.

Optics

Polycarbonate color temperature adjustment lenses included with fixture: 2,700K (preinstalled), 3,900K (no lens), 4,500K, and 5,200K. Interchangeable optics for 10°, 20°, 30°-32°, or 55°-58° distributions ordered pre-assembled to fixture. Color temperature and beam angle lenses field serviceable. For additional color filters, spread lenses, hex baffles, etc., use MR-16 sized accessories (MR-16: 1.95" (50 mm) dia. x 1.1 mm thickness). Beam angle is calculated using LM-79 method for SSL luminaires.

Shroud

Die-cast A380 aluminum shroud with C110 copper cover option. Optional 10" (255 mm) perforated sleeve available.

Lens

Tempered glass lens with shock resistance and high tolerance for thermal expansion and stress. Lens is frosted.

Finish

Two-layer protection of sulfuric acid anodization and polyester TGIC powder coat, providing superior outdoor weathering in all conditions. Tested to ASTM standards.

Hardware

Includes stainless steel cable with cable lock. Tamper-resistant setscrew included.

Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

Weight

1.3 lbs. (0.6 kg)

Control

ZD or ZDC utilizes Luxor technology to zone light fixtures in up to 250 groups, dim each group in 1% increments between 0 and 100%, or change to one of 30,000 colors with RGBW LEDs. Select the ZD option for zoning/dimming or ZDC for zoning/dimming/color. Standard fixture is zoneable with Luxor.

Sustainability

Innovation meets conservation in the design and manufacturing of our products. Where we can, we use recycled materials while maintaining superior functionality. Our LED products provide high-quality light at optimal energy efficiency, lifespan, and durability.

Installation Requirements

Designed for installation in the downward direction only.

International Compliance

Compliant per IEC 60598-1 and IEC 60598-2-7 by selecting the "e" version.

Manufacturing

ISO 9001:2015 certified facility














Warranty

10-year limited warranty

Listings



VE Down Light ORDERING INFORMATION

Fixture	Luxor Option	Output	Compliance	Options	Finish
VE	■ [default] Zone	■ 1LED 90 Lumens	■ [default] UL Listed	■ [default] Standard	■ [default] Natural Copper on Copper Sleeve 
	■ ZD Zone/Dim	■ 3LED 209 Lumens	■ e CE Certified	■ PS Perforated Sleeve	■ BZ Bronze Metallic 
	■ ZDC Zone/Dim/Color	■ [default] 130 Lumens			■ DG Desert Granite 
					■ WI Weathered Iron 
					■ SB Sedona Brown 
					■ FB Black 
					■ WG White Gloss 
					■ FW Flat White 
					■ AL Almond 
					■ SV Silver 
				■ NP Nickel Plate 	
				■ AB Antique Bronze on Copper Sleeve 	
				■ AT Antique Tumbled on Copper Sleeve 	

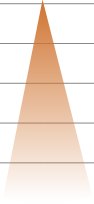
EXAMPLE FIXTURE CONFIGURATION: VE-ZD-3LED-PS-SV



VE Down Light PHOTOMETRICS

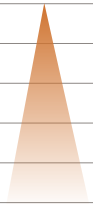
VE 1LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
		Vertical 34.3°
4' (1.2 m)	10 fc (102 lx)	3' (0.8 m)
8' (2.4 m)	1.4 fc (26 lx)	5' (1.5 m)
12' (3.7 m)	1.1 fc (11 lx)	7' (2.3 m)
16' (4.9 m)	0.6 fc (6 lx)	10' (3 m)
20' (6.1 m)	0.4 fc (4 lx)	12' (3.8 m)



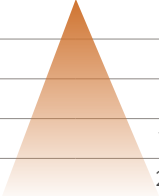
VE 3LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
		Vertical 31.6°
4' (1.2 m)	26 fc (279 lx)	2' (0.7 m)
8' (2.4 m)	7 fc (70 lx)	5' (1.4 m)
12' (3.7 m)	3 fc (31 lx)	7' (2 m)
16' (4.9 m)	1.6 fc (17 lx)	9' (2.8 m)
20' (6.1 m)	1.0 fc (11 lx)	11' (3.4 m)



VE zDC Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
		Vertical 54.0°
4' (1.2 m)	8 fc (86 lx)	4' (1.3 m)
8' (2.4 m)	2 fc (22 lx)	8' (2.5 m)
12' (3.7 m)	0.9 fc (10 lx)	12' (3.7 m)
16' (4.9 m)	0.5 fc (5 lx)	16' (5.0 m)
20' (6.1 m)	0.3 fc (3 lx)	20' (6.2 m)



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