

## VE LED Down Light DESIGNER PREMIUM

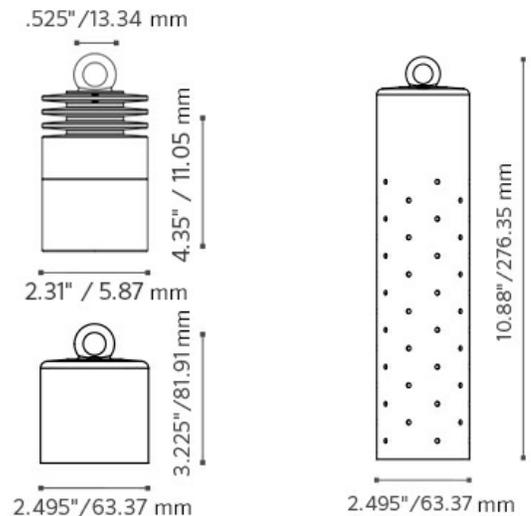


PROJECT
CATALOG #
TYPE
NOTES

The VE softly illuminates areas from above when hung from trees or architectural elements. Perfect for producing a moonlighting effect for seating areas, focal points, or landscaping features in 1 or 3 LED.

### Quick Facts

- Die-cast aluminum with optional copper sleeve
- Two-layer marine-grade anodization and powder coat finish
- Natural, powder coated, or antiqued copper finishes
- Lumileds® Integrated LEDs
- Compatible with Luxor® technology
- Phase and PWM dimmable
- Input voltage: 10-15V



# VE LED Down Light SPECIFICATIONS

Output	1LED	3LED	ZDC
Total Lumens <sup>†</sup>	91	221	130
Input Voltage	10 to 15V	10 to 15V	10 to 15V
Input Power (W)	1.9	4.0	6.0
VA	2.2	4.4	7.2
Efficacy (Lumens/Watt)	50	57	39
Color Rendering Index (CRI)	83	84	80+
Maximum Candela	88	225	198
Dimming	PWM, Phase**	PWM, Phase**	PWM, Phase**
RGBW Available	No	No	Yes
<b>Luxor Compatibility</b>			
Default	Zoning	Zoning	--
ZD Option	Zoning/dimming	Zoning/Dimming	--
ZDC Option	--	--	Zoning/Dimming/Color
Minimum Rated Life L70 (Hrs)	72,000	72,000	55,000

\*\* 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).

# VE LED Down Light SPECIFICATIONS

## 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.

## LED

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.

## 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.

## Wiring

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

## Sockets

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

## 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.

## Power

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

## Glare Control

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

## Weight

1.3 lbs. (0.6 kg)

## Lens

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

## International Compliance

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

## Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

## Sustainability Installation Requirements

Designed for installation in the downward direction only.

## 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.

## Warranty

## Listings



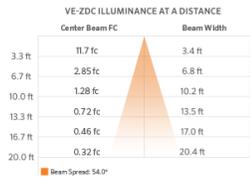
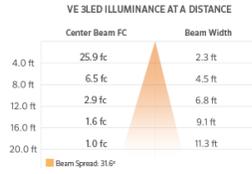
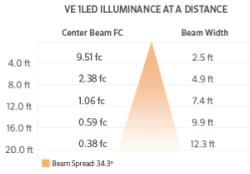
# VE LED Down Light ORDERING INFORMATION

Fixture	Luxor Option	Lamp	Compliance	Perforated Option	Finish
VE	[default] Zone	1 LED 2.0W/2.4VA	[default] North America (UL-listed)	[default] Standard	AB Antique Bronze 
	ZD Zone/Dim	3 LED 4.0W/4.4VA	e Int'l (CE Certified)	PS Perforated Sleeve	AT Antique Tumbled 
	ZDC Zone/Dim/Color	[default ZDC option] 6.0W/7.2VA			CU Copper 
					NP Nickel Plate 
					BZ Bronze Metallic 
					DG Desert Granite 
					WI Weathered Iron 
					SB Sedona Brown 
					FB Black 
					FW Flat White 
					SV Silver 



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

# VE LED Down Light PHOTOMETRICS



# VE LED Down Light ORDERING INFORMATION

MOUNTING OPTIONS: Specify Separately

Mounts	Catalog No.	
Hanging Cable Lock	250021820000	

Mounts	Catalog No.	
Hanging Cable	250021830000	

# VE LED Down Light ORDERING INFORMATION

POWER OPTIONS: Specify Separately

Power	Catalog No.		Power	Catalog No.	
Plug-in transformer, 6W	MT-6W		Step-Down Transformer, UV (120/277 V to 12 V)	ST-UV	
Lighting Fixture Surge Module	SURGE-MOD				