

VE LED Down Light **DESIGNER PREMIUM**



PROJECT

CATALOG #

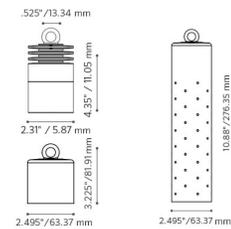
TYPE

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
- Cree® Integrated LEDs
- Color temperature filters
- Compatible with Luxor® technology
- Phase and PWM dimmable
- Input voltage: 10-15V



VE LED 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).

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.

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.

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.

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.

Power

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

Shroud

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

[field_compliance]

Fixture	Luxor Option	Lamp	Perforated Option	Finish
VE	[default] Zone	1 LED 2.0W/2.4VA	[default] Standard	AB Antique Bronze 
	ZD Zone/Dim	3 LED 4.2W/4.5VA	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

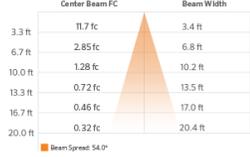
VE 1LED ILLUMINANCE AT A DISTANCE



VE 3LED ILLUMINANCE AT A DISTANCE



VE-ZDC ILLUMINANCE AT A DISTANCE



VE LED Down Light ORDERING INFORMATION

MOUNTING OPTIONS: Specify Separately

Mounts	Catalog No.		Mounts	Catalog No.	
Hanging Cable Lock	250021820000		Hanging Cable	250021830000	

VE LED Down Light ORDERING INFORMATION

POWER OPTIONS: Specify Separately

Power	Catalog No.	
Plug-in transformer, 6W	MT-6W	
Lighting Fixture Surge Module	SURGE-MOD	

Power	Catalog No.	
Step Down Transformer, UV	ST-UV	