FXLuminaire

VK LED Wall Light DESIGNER PLUS

PROJECT

CATALOG #

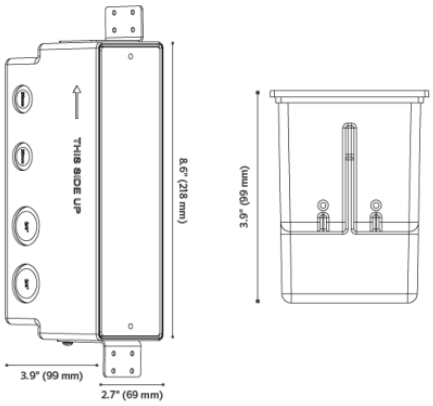
TYPE

NOTES

Designed for sleek, seamless installation, the VK Vertical Recessed Wall Light is a modern solution for lighting columns, pergola posts, entryway walls, and stairwells. The fixture is available with 1 LED, 3 LED, and ZDC configurations.

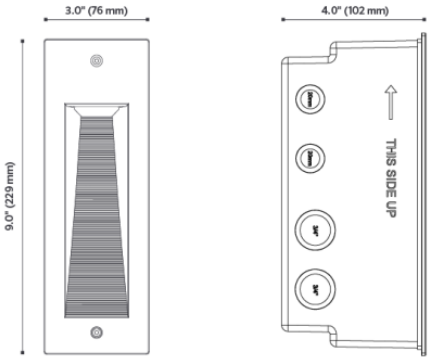
The recessed integrated LED light source is diffused for soft illumination on surfaces to provide maximum glare control, critical for applications where grade changes are inevitable and safety is a top priority.

With a custom installation kit, the VK fixture is IP66 rated and designed for aligning with vertical spaces.



Quick Facts

- Die-cast aluminum
- Two-layer, marine-grade anodization and powder-coat finish
- Custom installation box included
- Input voltage: 10 to 15 V
- Integrated Lumileds® LEDs
- Compatible with Luxor® Technology
- Phase dimmable



Output	3 LED	ZDC
Total Lumens†	117	118
Input Voltage	10 to 15V	11 to 15V
Input Power	4.0 W	6.0 W
Power Consumption (VA)	4.4 W	7.2 W
Efficacy (lm/W)	30	20
Color Rendering Index (CRI)	87	--
Max Candela	84	78
Dimming		
Primary Dimming (Transformer)	Consult transformer specifications	
Secondary Dimming (Fixture)	Phase-cut**	Luxor
RGBW Available	No	Yes
Luxor Compatibility		
Default	Zoning	--
ZD Option	Zoning/Dimming	--
ZDC Option	--	Zoning/Dimming/Color
Minimum Rated Life L70	72,000 Hrs	55,000 Hrs

† Measured using the 2,700K option.
** For optimal performance, use a trailing-edge, phase-cut dimmer.

About FX Luminaire

As a leading manufacturer of landscape and architectural lighting, FX Luminaire provides innovative products, resources, and support to help customers bring their visions to life. The company offers a range of specification-driven solutions, including fixtures, controls, and accessories, to enhance residential and commercial landscapes.

Materials

Die-cast A380 aluminum body with stainless steel setscrews, mounting brackets, and fasteners.

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 72,000 hrs. Maximum drive current: 1 A.

Optics

Color temperature defined by part number. Beam angle is calculated using LM-79 method for SSL luminaires.

Finish

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

Hardware

Tamper-resistant stainless steel fasteners and brackets included.

Wiring

18 AWG (1 mm); SPT-1W; 200°F (105°C); 300V; 10'; (3 m) length.

Sockets

Socket 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).

Housing

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

Weight

1.2 lbs (0.5 kg)

Lens

Polycarbonate lens with shock resistance and high tolerance for thermal expansion and stress.

International Compliance

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

Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

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 recessed installation in a vertical surface. Includes mounting sleeve and mounting brackets.

Control

ZD or ZDC utilizes Luxor Technology to zone 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 Controller.

Manufacturing

ISO 9001:2015 certified facility

Warranty

10-year limited warranty.

Listings

[field_spec_builder_mount] [field_spec_builder_mount]

Fixture	Luxor + LED	Color Temp	Compliance	Finish
VK	**1 LED** 2.0W/2.4VA	**W** Warm (2700K)	**[default]** North America (UL Listed)	**BZ** Bronze Metallic
	3 LED 4.0W/4.4VA	**S** Soft (3000K)	**E** International (CE Certified)	**FB** Black
	ZD3LED Zone/Dim; 4.0 W/4.4 VA	**[Default]** RGBW, ZDC Option Required		**DG** Desert Granite
	ZDC Zone/Dim/Color; 6.0 W/7.2 VA			**WI** Weathered Iron
				SB Sedona Brown
				FW Flat White
				SV Silver

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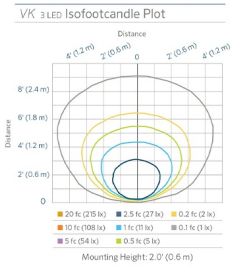
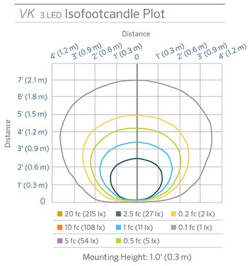
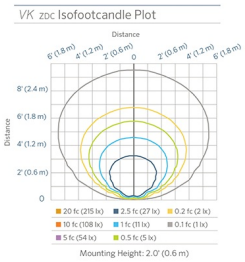
EXAMPLE FIXTURE CONFIGURATION: *VK*-XX-XXXX-XX

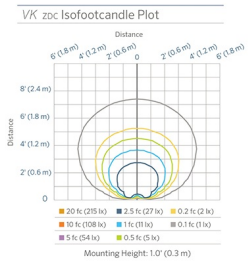
VK Wall light-3 LED Recommended spacing		
Foot-Candles (Lux)	3 LED	
	1.0 ft (0.3 m) MH	2.0 ft (0.6 m) MH
0.1 fc (1.1 lx)	7.0 ft (2.1 m)	9.0 ft (2.7 m)
0.3 fc (3.2 lx)	5.0 ft (1.5 m)	6.2 ft (1.9 m)
0.5 fc (5.4 lx)	4.0 ft (1.2 m)	5.2 ft (1.6 m)
1.0 fc (10.7 lx)	3.5 ft (1.1 m)	4.0 ft (1.2 m)
2.5 fc (26.9 lx)	1.2 ft (0.7 m)	2.5 ft (0.8 m)

0.1 fc (1.1 lx) minimum spacing recommended for residential projects
0.3 fc (3.2 lx) minimum spacing recommended for commercial projects









MOUNTING OPTIONS: Specify Separately

Mounts	Catalog No.		Mounts	Catalog No.
Mounting Kit for VK	MKVK			