

ZC Down Light

DESIGNER PLUS



PROJECT

CATALOG #

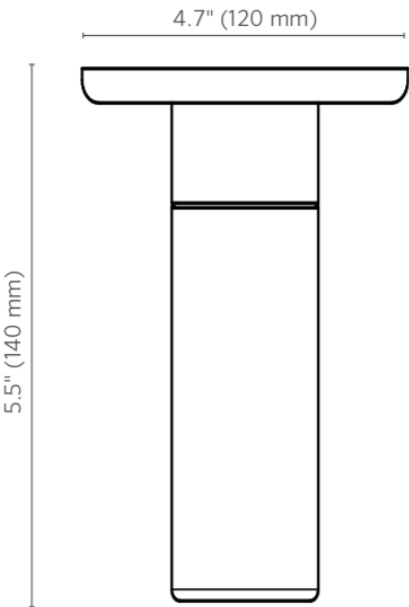
TYPE

NOTES

The ZC is designed for external spaces where recessed down lights are not practical. The fixture is ideal for use in modern architectural designs.

Quick Facts

- Powder-coated aluminum, natural stainless steel, or natural copper finishes
- Cree® integrated LEDs
- Compatible with Luxor® technology
- Phase and PWM dimmable
- Input voltage: 10-15 V



Output	1LED	3LED	ZDC
Total Lumens [†]	56	179	--
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)	28	42	--
Color Rendering Index (CRI)	80+	80+	80+
Center Beam Candlepower*			
Spot (17-20)	121	388	--
Dimming	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)	55,00 Hrs avg	55,000 Hrs avg	55,000 Hrs avg

ZC Down Light SPECIFICATIONS

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 aluminum or copper body with stainless steel hardware and mounting bracket.

LED

Integrated module with Cree LEDs. Gold-plated connectors and conformal coating for maximum reliability and corrosion resistance. Proprietary onboard intelligent driver uses firmware-controlled temperature regulation, maximizing LED life. Field upgradeable and replaceable, the LEDs are rated to 55,000 hrs. Maximum drive current: 1 A.

Optics

Polycarbonate 2,700K color temperature adjustment lens included with fixture. Beam angle is calculated using LM-79 method for SSL fixtures.

Finish

Two-layer protection of sulfuric acid anodization and polyester TGIC powder coat, providing superior outdoor weathering in all conditions. Tested to ASTM standards. Also available in natural copper (CU).

Hardware

Includes stainless steel mounting brackets for quick assembly.

Wiring

18 AWG (1 mm); SPT-1W; 220°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, 316 marine-grade stainless steel, or copper body 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.

Ambient Operating Temperature

-4°F to 104°F (-20°C to 40°C)

Installation Requirements

Designed for installation to a vertical surface.

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.

Warranty

Listings



[field_spec_builder_mount] [field_spec_builder_mount]

Fixture	Control	Power	Finish
ZC	ZD Zone/Dim with Luxor	1 LED 2.0W/2.4VA	BZ Bronze Metallic
	ZDC Zone/Dim/Color with Luxor	3 LED 4.0W/4.4VA	FB Black
		[default ZDC option] 6.0W/7.2VA	DG Desert Granite
			WI Weathered Iron
			SB Sedona Brown
			FW Flat White
			SV Silver
			CU Copper

-

-

-

EXAMPLE FIXTURE CONFIGURATION: ZC-ZD-3LED-BZ

ZC 1LED - Illuminance at a Distance

Distance	Center Beam fc	Beam Width
Feet (Meters)	Foot-Candles (Lux)	Vertical : 30.3 °
2.0' (0.6 m)	30.2 fc (325 lx)	1.1' (0.3 m)
4.0' (1.2 m)	7.5 fc (81 lx)	2.2' (0.7 m)
6.0' (1.8 m)	3.4 fc (37 lx)	3.3' (1.0 m)
8.0' (2.4 m)	1.9 fc (21 lx)	4.3' (1.3 m)
10.0' (3.1 m)	1.2 fc (13 lx)	5.4' (1.7 m)
12.0' (3.7 m)	0.8 fc (9 lx)	6.5' (2.0 m)

ZC 3LED - Illuminance at a Distance

Distance	Center Beam fc	Beam Width
Feet (Meters)	Foot-Candles (Lux)	Vertical : 31 °
2.0' (0.6 m)	97.0 fc (1,044 lx)	1.1' (0.3 m)
4.0' (1.2 m)	24.2 fc (258 lx)	2.2' (0.7 m)
6.0' (1.8 m)	10.8 fc (118 lx)	3.3' (1.0 m)
8.0' (2.4 m)	6.1 fc (65 lx)	4.4' (1.3 m)
10.0' (3.1 m)	3.9 fc (43 lx)	5.6' (1.7 m)
12.0' (3.7 m)	2.7 fc (32 lx)	6.7' (2.0 m)