



PROJECT
CATALOG #
TYPE
NOTES

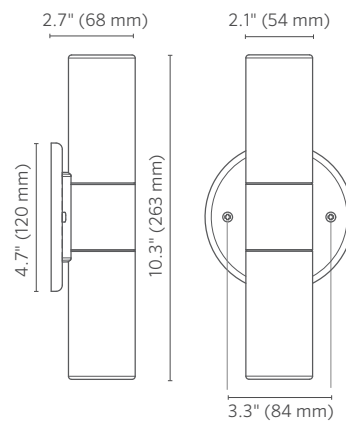
ZW Down Light DESIGNER PLUS

The ZW is a compact, fixed position, direct or indirect down light for grazing walls and other accent illumination needs.

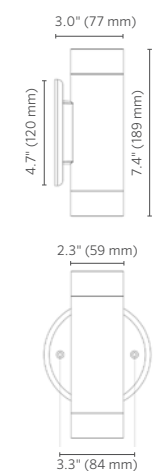
Quick Facts

- Down or up/down configurations
- 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

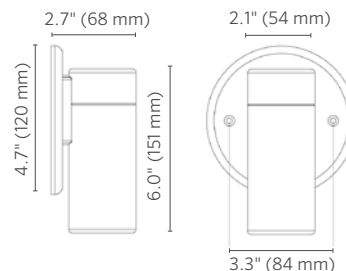
UD Powder-coat and CU finishes



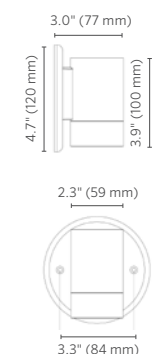
UD SS finish only



DN Powder-coat and CU finishes



DN SS finish only



ZW Down Light SPECIFICATIONS

Output	1LED (DN)	1LED (UD)	3LED (DN)	3LED (UD)	ZDC
Total Lumens†	56/66 (SS)	112/132 (SS)	179/212 (SS)	358/424 (SS)	--
Input Voltage	10 to 15V	10 to 15V	10 to 15V	10 to 15V	10 to 15V
Input Power (W)	2.0	4.0	4.2	8.4	6.0
VA	2.4	4.8	4.5	9.0	7.2
Efficacy (Lumens/Watt)	28/33 (SS)	28/33 (SS)	42/50 (SS)	42/50 (SS)	--
Color Rendering Index (CRI)	80+	80+	80+	80+	80+
Center Beam Candlepower*					
Spot (17-20)	121/132 (SS)	121/132 (SS)	388/361 (SS)	388/361 (SS)	--
Dimming	PWM, Phase	PWM, Phase	PWM, Phase	PWM, Phase	--
RGBW Available	No	No	No	No	Yes
Luxor Compatibility					
Default	Zoning	Zoning	Zoning	Zoning	--
ZD Option	Zoning/Dimming	Zoning/Dimming	Zoning/Dimming	Zoning/Dimming	--
ZDC Option	--	--	--	--	Zoning/Dimming/ Color
Minimum Rated Life (L90)	55,000 Hrs avg	55,000 Hrs avg	55,000 Hrs avg	55,000 Hrs avg	55,000 Hrs avg

† 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).

* Information not available for Flood or Wide Flood.

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 aluminum, 316 marine-grade stainless steel or copper body with stainless steel hardware and mounting bracket.

Weight

1.2 to 2.1 lbs. (0.5 to 1.0 kg)

Ambient Operating Temperature

-4°F to 104°F (-20°C to 40°C) [-40°F to 122°F (-40°C to 50°C) for SS finish]

Lamp

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.

Socket

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

Wiring

18 AWG (1 mm); SPT-1W; 220°F (105°C); 300V; 10' (3 m) length

Power

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

Optics

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

Housing

Die-cast A380 aluminum, 316 marine-grade stainless steel or copper body with capacity for 1LED, 3LED, or ZDC integrated LEDs.

Lens

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

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) and natural stainless steel (SS).

Hardware

Includes stainless steel mounting brackets for quick assembly.

Manufacturing

9001:2015 ISO certified facility

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.

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.

Warranty

10-year limited warranty

Listings



ZW Down Light ORDERING INFORMATION

Fixture	Luxor Option	Output	Direction	Finish
ZW	■ [default] Zone	■ 1LED 56 to 132 Lumens	■ DN Down	■ BZ Bronze Metallic
	■ ZD Zone/Dim	■ 3LED 179 to 424 Lumens	■ UD Up and Down	■ DG Desert Granite
	■ ZDC Zone/Dim/Color	■ [default ZDC option]		■ WI Weathered Iron
				■ SB Sedona Brown
				■ FB Black
				■ FW Flat White
				■ WG White Gloss
				■ AL Almond
				■ SV Silver
				■ CU Copper
				■ SS Stainless Steel

EXAMPLE FIXTURE CONFIGURATION: ZW-ZD-3LED-UD-BZ



ZW Down Light PHOTOMETRICS

ZW 1LED DN Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candle (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)

ZW 1LED DN SS Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candle (Lux)	Vertical 30.7°
2.0' (0.6 m)	32.9 fc (354 lx)	1.1' (0.3 m)
4.0' (1.2 m)	8.2 fc (88 lx)	2.2' (0.7 m)
6.0' (1.8 m)	3.7 fc (40 lx)	3.3' (1.0 m)
8.0' (2.4 m)	2.1 fc (23 lx)	4.4' (1.3 m)
10.0' (3.1 m)	1.3 fc (14 lx)	5.5' (1.7 m)
12.0' (3.7 m)	0.9 fc (10 lx)	6.6' (2.0 m)

ZW 3LED DN Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candle (Lux)	Vertical 31.0°
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)

ZW 3LED DN SS Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candle (Lux)	Vertical 36.2°
2.0' (0.6 m)	90.2 fc (971 lx)	1.3' (0.4 m)
4.0' (1.2 m)	22.6 fc (243 lx)	2.6' (0.8 m)
6.0' (1.8 m)	10.0 fc (108 lx)	3.9' (1.2 m)
8.0' (2.4 m)	5.6 fc (60 lx)	5.2' (1.6 m)
10.0' (3.1 m)	3.6 fc (39 lx)	6.5' (2.0 m)
12.0' (3.7 m)	2.5 fc (27 lx)	7.8' (2.4 m)