FXLuminaire

# ZW Down Light **DESIGNER PLUS**

PROJECT

CATALOG #

TYPE

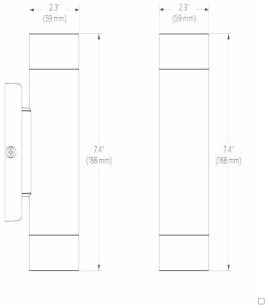
NOTES

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

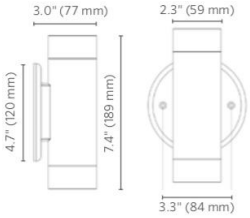
## Quick Facts

- Offers down only or up-and-down configurations for various styles and effects
- Built-in Luxor® Technology enables powerline zoning, smooth dimming, and RGBW color-changing with the Luxor Controller
- Driver on Board Technology layout for compact design and fewer components
- Meets ADA requirements for sconce depth from wall
- Minimal visible hardware for a clean and elegant design, day or night
- Available in static color temperature, wildlife-friendly, and dynamic RGBW color-changing options
- Surface-mounted with stainless steel hardware
- Factory-sealed construction

UD Powder-coat and CU finishes

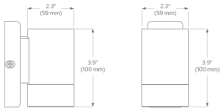


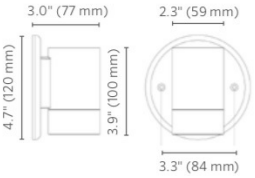
UD SS finish only




DN SS finish only

DN Powder-coat and CU finishes





| Output | 1LED (DN) | 1LED (UD) | 3LED (DN) | 3LED (UD) | ZDC (DN) | ZDC (UD) |
|---|---|---|---|---|---|---|
| **Total Lumens (lm)** | 55-65 | 110-130 | 180-210 | 360-425 | - | - |
| **Power Consumption (VA)** | 2.2 | 4.4 | 4.5 | 9.0 | 7.2 | 14.4 |
| **Efficacy (lm/W)** | 28 | 28 | 42 | 42 | - | - |
| **Correlated Color Temperature (CCT)** | 2700K | 2700K | 2700K | 2700K | RGBW | RGBW |
| **Color Rendering Index (CRI, Ra)** | 80+ | 80+ | 80+ | 80+ | - | - |
| **Beam Angle** | 60° | 60° | 60° | 60° | 50° | 50° |
| **Maximum Candela (cd)** | 130 | 130 | 360 | 360 | - | - |
| **Input Voltage (V)** | 10-15 | 10-15 | 10-15 | 10-15 | 11-15 | 11-15 |
| **Minimum Rated Life (L70 B10)** | 72,000 Hrs. | 72,000 Hrs. | 72,000 Hrs. | 72,000 Hrs. | 55,000 Hrs. | 55,000 Hrs. |

### 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, 316 marine-grade stainless steel 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) and natural stainless steel (SS).

### 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

1.2 to 2.1 lbs. (0.5 to 1.0 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) [-40°F to 122°F (-40°C to 50°C) for SS finish

### 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

# ZW Down Light ORDERING INFORMATION

| Fixture | Control | Power | Color Temp | Direction | Finish |
|---|---|---|---|---|---|
| ZW | **ZD**<br>Zone/Dim with Luxor | **1 LED**<br>2.0W/2.4VA | **[Default]**<br>Warm (2700K) | **DN**<br>Down | **BZ**<br>Bronze Metallic |
| | **ZDC**<br>Zone/Dim/Color with Luxor | **3 LED**<br>4.5 VA | **S**<br>Soft (3000K) | **UD**<br>Up and Down (doubles the wattage/VA) | **FB**<br>Black |
| | | **[default ZDC option]**<br>6.0W/7.2VA | **C**<br>Cool (4000K) | | **DG**<br>Desert Granite |
| | | | **[Default]**<br>RGBW, ZDC Option Required | | **WI**<br>Weathered Iron |
| | | | | | **SB**<br>Sedona Brown |
| | | | | | **FW**<br>Flat White |
| | | | | | **SV**<br>Silver |
| | | | | | **CU**<br>Copper |
| | | | | | **SS**<br>Stainless Steel |

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

ZW 1LED DN - 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) |

ZW 1LED DN SS - Illuminance at a Distance

| Distance | Center Beam fc | Beam Width |
|---|---|---|
| **Feet (Meters)** | **Foot-Candles (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

| Distance | Center Beam fc | Beam Width |
|---|---|---|
| **Feet (Meters)** | **Foot-Candles (Lux)** | **Vertical : 31 °** |
| **2.0' (0.6 m)** | 97.0 fc (1044 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

| Distance | Center Beam fc | Beam Width |
|---|---|---|
| **Feet (Meters)** | **Foot-Candles (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) |

## MOUNTING OPTIONS: Specify Separately

| Mounts | Catalog No. |
|---|---|
| | WP-ZW-2L-DN-XX |
| **ZW DOWN wall sconce 4" round mounting plate** | WP-ZW-4R-DN-XX* |
| **ZW wall sconce corner mounting bracket** | ZW-CB-OC-XX* |

| Mounts | Catalog No. |
|---|---|
| | WP-ZW-2L-UD-XX |
| **ZW UP/DOWN wall sconce 4” round mounting plate** | WP-ZW-4R-UD-XX* |

GLARE CONTROL: Specify Separately

| Glare Control | Catalog No. | | Glare Control | Catalog No. |
|---|---|---|---|---|
| **Hex Baffle for MR-16 LED Lamps** | 250015260000 | | | |

## POWER OPTIONS: Specify Separately

| Power | Catalog No. | |
|---|---|---|
| **Low-Voltage Dimmer** | DIM-LV | |
| **Mini Plug-In Transformer, 30 W** | MT-30W | |
| **Step-Down Transformer, Dimmable (120 V to 12 V)** | ST-120-DIM | |

| Power | Catalog No. | |
|---|---|---|
| **Luxor Low-Voltage CUBE** | LCM-LV | |
| **Plug-In Transformer, 6 W** | MT-6W | |
| | SURGE-MOD | |