



PROJECT

CATALOG #

TYPE

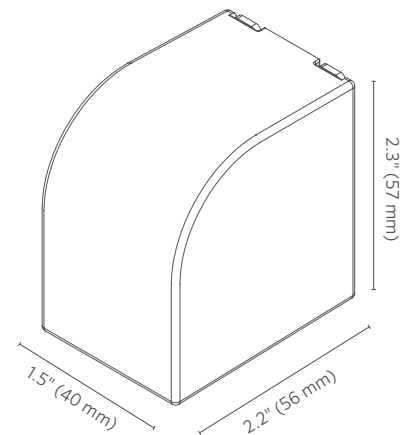
NOTES

## QL Down Light DESIGNER BASE

At 1.5" (38 mm) wide, the compact QL down light is ideal for mounting on decks, fences, and narrow surfaces.

### Quick Facts

- Tamper-resistant features
- Two-layer, marine-grade anodization and powder-coat finish
- Die-cast aluminum
- Cree® integrated LED
- Input voltage: 10-15V
- Phase and PWM dimmable
- Compatible with Luxor® technology



# QL Down Light SPECIFICATIONS

|                              |                |
|------------------------------|----------------|
| Output                       | 1LED           |
| Total Lumens <sup>†</sup>    | 53             |
| Input Voltage                | 10 to 15V      |
| Input Power (W)              | 2.0            |
| VA                           | 2.4            |
| Efficacy (Lumens/Watt)       | 27             |
| Color Rendering Index (CRI)  | 80+            |
| Center Beam Candlepower*     |                |
| Spot (17-20)                 | 51             |
| Dimming                      | PWM, Phase**   |
| RGBW Available               | No             |
| Luxor Compatibility          |                |
| Default                      | Zoning         |
| ZD Option                    | Zoning/Dimming |
| ZDC Option                   | --             |
| Minimum Rated Life (L90 B10) | 55,000 Hrs     |

\* Information not available for Flood or Wide Flood.

\*\* 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).

## 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 body with stainless steel setscrew, mounting bracket, and fasteners.

## 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).

## 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.

## Weight

0.36 lbs. (0.16 kg)

## Hardware

Stainless steel mounting plate and two screws included.

## Optics

Polycarbonate color temperature adjustment lens included with fixture: 2,700K (preinstalled) and 3,900K (no lens). Interchangeable optics for 10°, 20°, 30°-32°, or 55-58° (preinstalled) distributions available. Color temperature and beam angle lenses field serviceable.

## Housing

Die-cast A380 aluminum body with capacity for 1LED integrated LED board.

## Lens

Polycarbonate clear 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.

## Ambient Operating Temperature

0°F to 140°F (-17°C to 60°C)

## Installation Requirements

Designed for installation in the downward direction only.

## Control

ZD utilizes Luxor technology to zone fixtures in up to 250 groups and dim each group in 1% increments between 0 and 100. Select the ZD option for zoning/dimming. Standard fixture is zoneable with Luxor controller.

## International Compliance

Compliant per IEC 60598-1 and IEC 60598-2-7 by selecting the "e" option in the parts builder.

## 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

## Manufacturing

ISO 9001:2015 certified facility

## Listings



# QL Down Light ORDERING INFORMATION

| Fixture | Luxor Option        | Output              | Compliance                                  | Finish  |
|---------|---------------------|---------------------|---|---|
| QL      | ■ [default]<br>Zone | ■ 1LED<br>53 Lumens | ■ [default]<br>North America<br>(UL Listed) | ■ BZ<br>Bronze Metallic  |
|         | ■ ZD<br>Zone/Dim    |                     | ■ e<br>Int'l<br>(CE Certified)              | ■ DG<br>Desert Granite   |
|         |                     |                     |   | ■ WI<br>Weathered Iron   |
|         |                     |                     |   | ■ SB<br>Sedona Brown     |
|         |                     |                     |   | ■ FB<br>Black            |
|         |                     |                     |   | ■ WG<br>White Gloss      |
|         |                     |                     |   | ■ FW<br>Flat White       |
|         |                     |                     |   | ■ AL<br>Almond           |
|         |                     |                     |   | ■ SV<br>Silver          |

EXAMPLE FIXTURE CONFIGURATION: QL-ZD-1LED-FB

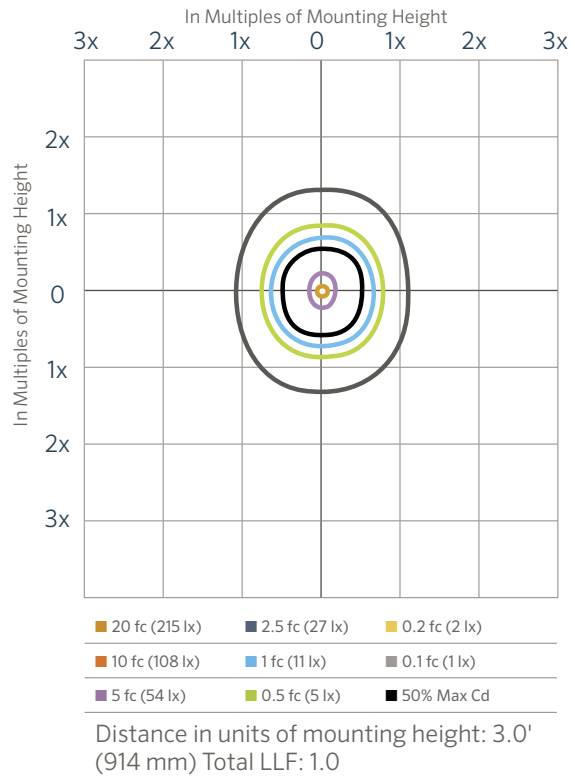


# QL Down Light PHOTOMETRICS

QL 1LED Illuminance at a Distance

| Feet (Meters) | Center Beam      | Beam Width     |                  |
|---------------|------------------|----------------|------------------|
|               |                  | Vertical 59.0° | Horizontal 54.8° |
| 1' (0.3 m)    | 50.6 fc (545 lx) | 1.1' (0.3 m)   | 1.0' (0.3 m)     |
| 2' (0.6 m)    | 12.6 fc (135 lx) | 2.3' (0.7 m)   | 2.1' (0.6 m)     |
| 3' (0.9 m)    | 5.6 fc (60 lx)   | 3.4' (1.0 m)   | 3.1' (1.0 m)     |
| 4' (1.2 m)    | 3.2 fc (35 lx)   | 4.5' (1.4 m)   | 4.1' (1.3 m)     |
| 5' (1.5 m)    | 2.0 fc (22 lx)   | 5.7' (1.7 m)   | 5.2' (1.6 m)     |
| 6' (1.8 m)    | 1.4 fc (15 lx)   | 6.8' (2.1 m)   | 6.2' (1.9 m)     |

QL 1LED Isofootcandle Plot



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