

QL Down Light DESIGNER BASE

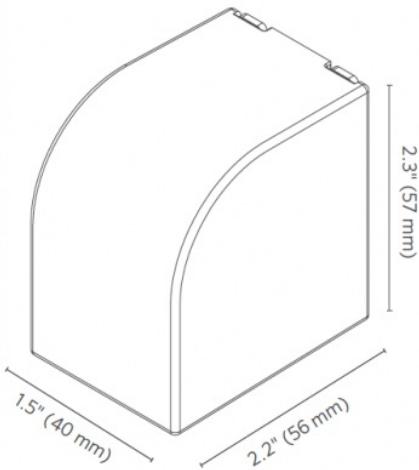


PROJECT
CATALOG #
TYPE
NOTES

At 1.5" (38 mm) wide, the compact QL down light is ideal for mounting on narrow posts, perimeter fencing, pool enclosures, columns, doorways, and pergolas.

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



Output	1LED
Total Lumens †	53
Input Voltage	10 to 15V
Input Power (W)	2.0
VA	2.4
Efficacy (Lumens/Watt)	27
Color Redering 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 trailing edge phase cut dimmer  
† Measured using the 3900K CCT lens. Multipliers for other CCT's include 0.80 (2700K), 0.65 (4500K), and 0.65 (5200K)

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.

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 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.

Finish

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

Hardware

Stainless steel mounting plate and two screws included.

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 1LED integrated LED board.

Weight

0.36 lbs. (0.16 kg)

Lens

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

International Compliance

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

Ambient Operating Temperature

0°F to 140°F (-17°C to 60°C)

Sustainability 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.

Warranty Listings



Fixture	Luxor Option	Lamp	Compliance	Finish
QL	<b>[default]</b> Zone	<b>1 LED</b> 2.0W/2.4VA	<b>[default]</b> North America (UL-listed)	<b>BZ</b> Bronze Metallic
	<b>ZD</b> Zone/Dim		<b>e</b> Int'l (CE Certified)	<b>DG</b> Desert Granite
				<b>WI</b> Weathered Iron
				<b>SB</b> Sedona Brown
				<b>FB</b> Black
				<b>FW</b> Flat White
				<b>SV</b> Silver

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

QL 1LED - Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	Foot-Candles (Lux)	Vertical: 59 °	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)
6.0' (1.8 m)	1.4 fc (15 lx)	6.8' (2.1 m)	6.2' (1.9 m)

MOUNTING OPTIONS: Specify Separately

Mounts	Catalog No.
Single-Gang Wall Plate for the QL Down Light	WP-1G-QL-XX* 

Mounts	Catalog No.
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