

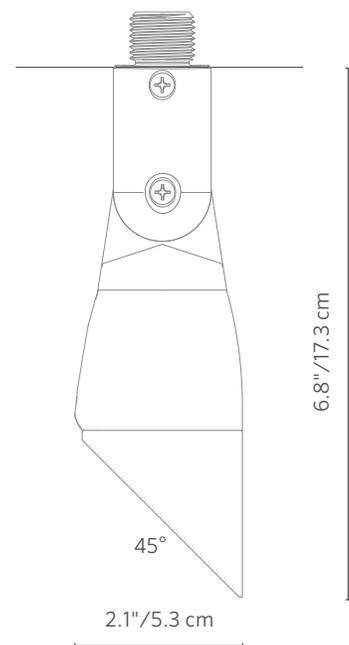


QT Down Light

The QT from FX Luminaire completes the directional down light category with its smallest option. Small enough to house only the 1-LED board, the QT will fit inside the tightest of spaces.

Quick Facts

- Die-cast aluminum
- Two-layer marine-grade anodization and powder-coat finish
- Cree® Integrated LEDs
- ProAim™ adjustability
- Tamper-resistant features
- Color temperature filters
- Compatible with Luxor® technology
- Input voltage: 10-15V



QT Down Light SPECIFICATIONS

Output	1 LED
Total Lumens †	79
Input Voltage	10 to 15V
Input Power (W)	2.0
VA	2.4
Efficacy (Lumens/Watt)	39
Color Rendering Index (CRI)	82
Center Beam Candle Power	480
Dimming	PWM, Phase**
RGBW Available	No
Luxor Compatibility	
Default	Zoning
ZD Option	Zoning/Dimming
ZDC Option	--
Minimum Rated Life (L70)	50,000 Hrs

** 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 highly efficient lighting fixtures that may be utilized to create elegant cutting-edge landscape lighting systems for commercial or residential application. Our products are available exclusively via our extensive professional distributor network.

Materials

Die-cast aluminum A380 housing and shroud with stainless steel hardware. Die-cast zinc/aluminum alloy knuckle.

Lamp

Integrated module with Cree LEDs. Gold-plated connectors and conformal coated for maximum reliability and corrosion resistance. Proprietary on-board intelligent driver uses firmware-controlled temperature regulation, maximizing LED life. Field upgradeable and replaceable, the LEDs are rated to 50,000 hrs. Maximum drive current: 1 A

Optics

Polycarbonate color temperature adjustment lenses included with fixture: 2700K (pre-installed), 3900K (no lens), 4500K, and 5200K. Interchangeable optics for 10° (no diffuser), 20° (pre-installed), 30°-32° (flood lens, order separately), or 55-58° (wide flood lens, order separately) distributions. Color temperature and beam angle lenses field serviceable. For additional color filters, spread lenses, hex baffles, etc., use MR-11 sized accessories. Beam angle is calculated using LM-79 method for SSL luminaires.

Socket

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

Wiring

18 AWG SPT-1W 105° C 300V 8-meter length.

Power

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

Housing

Die-aluminum housing with capacity for 1 LED, integrated LEDs.

Manufacturing

ISO 9001:2008 certified facility

Shroud

Die-cast aluminum shroud with 45° cutoff.

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.

Hardware

1/4-20 x 3/4" stainless steel angle lock screw. Tamper-resistant set screw included.

Ambient Operating Temperature

0°F to 140°F

Weight

1.1 lbs.

Sustainability

Innovation meets conservation in the design and manufacturing of our products. Where we can, we use recycled materials while maintaining the highest quality and functionality. Our LED products provide high-quality light at optimal energy efficiency, lifespan, and durability.

Knuckle

Die-cast zinc/aluminum alloy knuckle with 1/2-14 NPSM threads. Compress and lock features prevent slip after installation. 9° increments adjustability over 220° of vertical adjustment. Optional wall mount knuckle includes curved anchor bolt pattern for 60° rotational adjustment and patented threaded studs with hex heads for ease of installation (specify separately).

Control

LuxorZD or Luxor ZDC utilizes Luxor® technology to zone light 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 either Luxor model.

Installation Requirements

Designed for installation in the downward direction only.

Warranty

10-year limited warranty

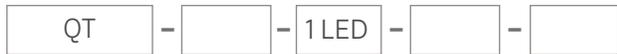
Listings



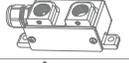
QT Down Light ORDERING INFORMATION

Fixture	Luxor Option	Output	Options	Finish	
QT	■ [blank] Zone	■ 1LED 79 Lumens	■ [blank] Mini-Mount Included	■ BZ Bronze Metallic 	■ WG White Gloss 
	■ ZD Zone/Dim		■ NM 1/2" NPSM Thread	■ DG Desert Granite 	■ FW Flat White 
			■ WM Wall Mount	■ WI Weathered Iron 	■ AL Almond 
				■ SB Sedona Brown 	■ SV Silver 
				■ FB Flat Black 	

EXAMPLE FIXTURE CONFIGURATION: QT-ZD-1LED-SV



MOUNTING OPTIONS: Specify Separately

Mounts	Code	
■ VERSA BOX 2.2" 5.7cm x 1.5" 3.9cm	VB-050-XX*	
■ MINI J-BOX 3.5" 8.9cm x 1.3" 3.4cm	MJ-050-XX*	
■ TREE BOX 5.4" 13.8cm x 1.9" 4.9cm	TB-XX*	
■ GUTTER MOUNT 4.0" 10.2cm x 4.0" 10.2cm	GM-SS	
■ WALL PLATES 3.4" 8.5cm x 5.1" 12.9cm	WP-1G-050-XX*	
■ WALL PLATES 5.0" 12.7cm Diameter	WP-RD-050-XX*	
■ WALL MOUNT 3.5" 8.9cm x 2.0" 5.1cm	WM-XX*	
■ MINI-MOUNT 2.6" 6.5cm x 1.3" 3.2cm	MM-050-XX	

RISER OPTIONS: Specify Separately

Riser	Code	
■ RISER 0.8" 2.1cm Diameter	YY-R-XX*	
■ SIGN LIGHT RISER 0.8" 2.1cm Diameter w/ 45° Inward Curve	YY-R-SL-XX*	

COUPLING OPTIONS: Specify Separately

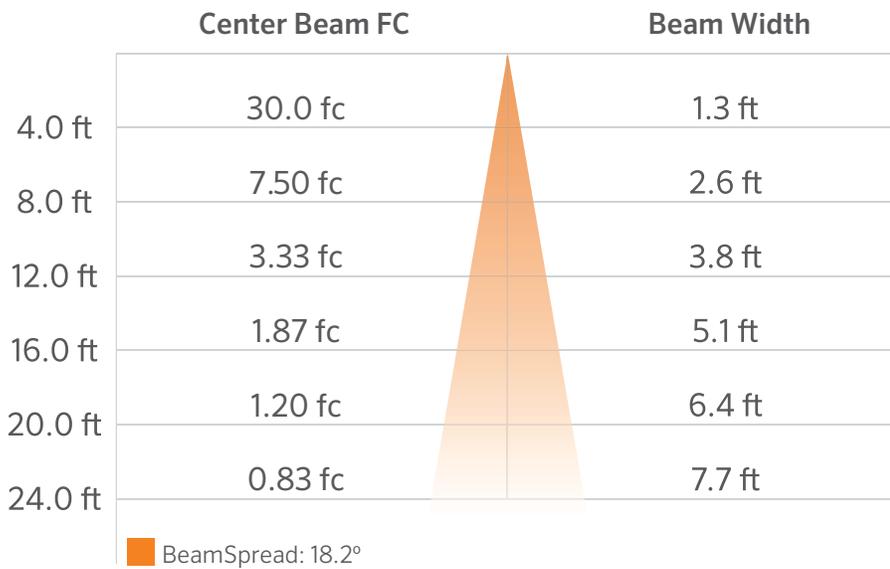
Couplings	Code	
■ STRAIGHT 1.3" 3.2cm x 2.0" 5.1cm	COUP-XX*	
■ 90° ELBOW 1.3" 3.2cm x 2.0" 5.1cm	ELBW-050-XX*	
■ T-MOUNT 3.0" 7.6cm x 2.2" 5.7cm	TMNT-050-XX*	

LENS ACCESSORIES: Specify Separately

Item	Code	
■ HEX BAFFLE MR-11 Size	250015250000	
■ SOLITE SPREAD LENS MR-11 Size	250015420000	
■ FLOOD LENS 1 LED Size	1LEDFLENS	
■ WIDE FLOOD LENS 1 LED Size	1LEDWFLENS	

*YY = riser height in inches (6" increments between 6" and 36"),
XX = finish code

QT 1LED ILLUMINANCE AT A DISTANCE



NOTE: Photometric data displayed using 3900K filter with 20° spot lens.