# FXLuminaire®

# HC LED Path Light    DESIGNER PREMIUM

PROJECT

CATALOG #

TYPE

NOTES

Modeled after our most popular Path Light, the HC is the perfect addition to any pathway. The petite and clean lines of the HC allow for unobtrusive placement, which can therefore enhance your surrounding colors and textures. Inside is Driver-on-Board LED technology that offers energy savings and long lamp life.

## Quick Facts

- Copper/brass construction

- Natural, powder coated, or antiqued copper/brass

- Lumileds® Integrated LEDs

- Compatible with Luxor® technology

- Phase and PWM dimmable

- Input voltage: 10-15V

3.62"/9.19 cm

15"/38.1 cm

**Note:** Example model shown has a 12" riser.

### HC Path Light - Recommended Spacing
1 LED

| Footcandles (Lux) | 12" Riser | 18" Riser |
|---|---|---|
| 0.1 fc (1.1 lx) | 6.5' (2.0 m) | 8.4' (2.6 m) |
| 0.3 fc (3.2 lx) | 5.0' (1.5 m) | 6.6' (2.0 m) |
| 0.5 fc (5.4 lx) | 4.5' (1.4 m) | 6.0' (1.8 m) |
| 0.8 fc (8.6 lx) | 4.3' (1.3 m) | 5.0' (1.5 m) |
| 1.0 fc (10.8 lx) | 4.0' (1.2 m) | 4.5' (1.4 m) |

0.1 fc (1.1 lx) minimum spacing recommended for residential projects
0.3 fc (3.2 lx) minimum spacing recommended for commercial projects

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**LANDSCAPE AND ARCHITECTURAL LIGHTING**

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| Number of LEDs | 1 |
|---|---|
| **Halogen Lumen Output Equivalent** | 51 Watt |
| **Useful LED Life (L70)** | 50,000 hrs avg |
| **Input Voltage** | 10 to 15V |
| **VA Total (Use this number to size the transformer)** | 1.9 |
| **Watts Used** | 2.2 |
| **Lumens per Watt (Efficacy)** | 28 |
| **Max Lumens** | 39 |
| **CRI (Ra)** | 86 |
| **CCT** | |
| **Amber Filter** | 2700K |
| **Green Filter** | 4500K |
| **Blue Filter** | 5200K |

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## 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

Machined C360 brass cap and reducer with stainless hardware. Spun C110 copper top/shade and extruded C110 copper riser.

## LED

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.

## Threads

Machined brass fitting with ½"-14 (13 mm) NPSM threads.

## Finish

Options of natural copper/brass finish, or antiqued finish with brushed (Antique Bronze) or tumbled (Antique Tumbled) effect. Antique finishes sealed with a clear TGIC powder coat layer. Brass accent pieces (cap and reducer) remain natural (not powder coated) for Bronze, Silver, Black, and Flat White finishes.

## Hardware

Includes 12" (305 mm) ABS slotted installation spike.

## Wiring

18 AWG (1 mm); SPT-1W; 220°F (105°C); 300V; 3' (1.5 m) length with 12" (305 mm)riser.

## Optics

Polycarbonate color temperature adjustment lenses included with fixture: 2,700K (preinstalled), 3,900K (no lens) 4,500K, and 5,200K. Conical reflector maximizes distribution according to riser height. Color temperature lenses field serviceable.

## Power

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

## Housing

Machined brass housing with capacity for 1LED integrated LEDs.

## Weight

2.7 lbs (1.2 kg)

## Lens

Frosted polycarbonate lens with high tolerance for thermal expansion, stress, and abuse.

## International Compliance

Compliant per IEC 60598-1 and IEC 60598-2-7 when used with ground mount ("GM-XX") accessory, or alternate mount greater than or equal to IP65.

## Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

## Sustainability Installation Requirements

Designed for installation in the downward lighting direction only.

## Control

ZD option utilizes Luxor technology to zone light 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.

## Warranty

## Listings

| Fixture | Top Finish | Riser | Luxor Option | Lamp | Riser Height | Finish | |
|---------|-----------|-------|--------------|------|--------------|--------|---|
| **HCLEDTA** | **AB** Antique Bronze | **P** (Petite) | **[default]** Zone | **1 LED** 2.0W/2.4VA | **12RA** | **AB** Antique Bronze | |
| | **AT** Antique Tumbled | | **ZD** Zone/Dim | | **18RA** | **AT** Antique Tumbled | |
| | **CU** Copper | | | | **24RA** | **CU** Copper | |
| | **NP** Nickel Plate | | | | | **NP** Nickel Plate | |
| | **BZ** Bronze Metallic | | | | | **BZ** Bronze Metallic | |
| | **DG** Desert Granite | | | | | **DG** Desert Granite | |
| | **WI** Weathered Iron | | | | | **WI** Weathered Iron | |
| | **SB** Sedona Brown | | | | | **SB** Sedona Brown | |
| | **FB** Flat Black | | | | | **FB** Black | |
| | **FW** Flat White | | | | | **FW** Flat White | |
| | **SV** Silver | | | | | **SV** Silver | |

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EXAMPLE FIXTURE CONFIGURATION: HC–ZD–1LED–12R–CU

\* Ships with Long Slot Spike (250015840000)

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MOUNTING OPTIONS: Specify Separately

| Mounts | Catalog No. | | Mounts | Catalog No. | |
|---|---|---|---|---|---|
| Long Slot Spike | 250015840000 | | Three-Prong Spike | 250020020000 | |
| Super Slot Spike | 753900 | | Ground Mount with ½" Thread | GM-XX* | |
| Mini J-Box for ½" Thread | MJB-050-XX* | | ProAim® Ratcheting Spike | PARS | |
| Post Mount | PM-XX* | | Super J-Box Spike | SJ-XX* | |
| VersaBox® Mount with ½" Thread | VB-050-XX* | | Variable Height Riser for Up Lights | VHR-UL | |
| 1.0" (25 mm) Copper Riser for GT Path Light | YY*-R-GT-XX* | | | | |

POWER OPTIONS: Specify Separately

| Power | Catalog No. | |
|---|---|---|
| **Plug-in transformer, 6W** | MT-6W | |
| **Lighting Fixture Surge Module** | SURGE-MOD | |

| Power | Catalog No. | |
|---|---|---|
| **Step-Down Transformer, UV (120/277 V to 12 V)** | ST-UV | |