

FXLuminaire®

ARCHITECTURAL & LANDSCAPE LIGHTING

The Intersection of Art & Engineering





TABLE OF CONTENTS

01 INTRODUCTION

02 LIGHTING CONTROL

03 LED UP LIGHTS

04 LED PATH LIGHTS

05 LED WALL LIGHTS

06 LED DOWN LIGHTS

07 LED WELL LIGHTS

08 UP LIGHTS

09 PATH LIGHTS

10 WALL LIGHTS

11 DOWN LIGHTS

12 WELL LIGHTS

13 MISCELLANEOUS

INTRODUCTION

FX LUMINAIRE

The Intersection of Art & Engineering





The Resource Guide is a comprehensive product guide designed to help you easily specify any landscape lighting project. It is packed with everything you need to make an informed decision about which of our products to use. This resource guide will provide you with a profile and environmental image of every product, brief descriptions of how it is best used, lamp, finish and accessory options, and how to properly spec the product to insure clear communication with the field installer.

LINE DRAWING

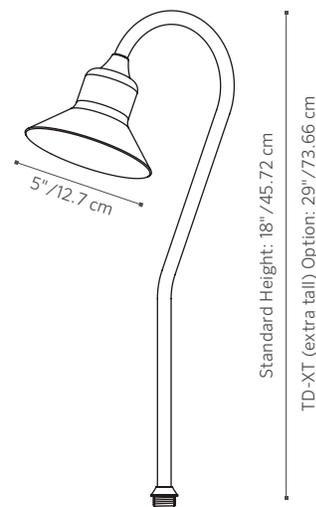
Line drawings and dimensions are featured on each product page. Some of our path lights have additional riser options which allows the product to be taller or shorter to fit your plant height needs. The TD, shown below, is available in two heights: standard and extra tall.

10-YEAR WARRANTY

Every product in this guide is backed by our industry-leading, 10-year warranty. Our commitment to designing and manufacturing the very finest components assures your clients years of trouble-free enjoyment from their FX lighting system.

WHERE TO BUY

For information on where to buy FX products, visit our web site at fxl.com.



ORDERING INFORMATION

The back of every product page details what options are available for each fixture, and how to spec them. The steps are numbered below. **Step One:** Choose fixture. **Step Two:** Choose Lamp Option. **Step Three:** Choose finish then select other options if available (refer to the Ordering Sample).

AVAILABLE LAMP CONFIGURATIONS: (Your choice of lamp will come pre-installed)

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3		
FIXTURE CODE	LAMP CODE	FINISH OPTIONS
1 PB	2 1 LED (50,000 avg. life hours)	3 XX (see options to right)
	3 LED (50,000 avg. life hours)	

EXAMPLE: **PB-3LED-BS** = PB - 3 LEDs - Natural Brass Finish

FINISH OPTIONS:

When stated that our products are brass and copper, this means that they are made from actual raw brass and copper-not aluminum coated to look like brass or copper. See the back of individual product information pages for more information on which options are available for that fixture.

OTHER OPTIONS:

Also on the product page could be options for lens optics, including spread, clear and colored lenses, as well as mounting options including spikes, VersaBox®, and post mount. Some path lights have additional riser options, which allow the product to be taller or shorter to fit your plant height needs. Every product has its own specialized set of options.

PHOTOMETRICS:

If available for that fixture, the photometrics will be on the back of the product page. Photometrics provide you with suggestions on how far apart products should be spaced to give you your desired light output. The spacings are general suggestions-actual site conditions, safety concerns and elevations can effect light quality and spacing. Use this section as a general guide only.

PHOTOMETRICS:

FB 3LED ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width
4.2 ft	35.77 fc	1.7 ft 1.7 ft
8.3 ft	8.94 fc	3.4 ft 3.3 ft
12.5 ft	3.97 fc	5.1 ft 5.0 ft
16.7 ft	2.24 fc	6.7 ft 6.6 ft
20.8 ft	1.43 fc	8.4 ft 8.3 ft
25.0 ft	0.99 fc	10.1 ft 10.0 ft

Vertical Spread: 22.9° Horizontal Spread: 22.5°

METALS

- AB** = Antique Bronze* (On Copper)
- AB** = Antique Bronze* (On Brass)
- AT** = Antique Tumbled* (On Copper)
- AT** = Antique Tumbled* (On Brass)
- CU** = Copper
- NP** = Nickel Plate
- BS** = Natural Brass

POWDERCOAT

- WG** = White Gloss
- FW** = Flat White
- AL** = Almond
- BZ** = Bronze Metallic
- DG** = Desert Granite
- WI** = Weathered Iron
- VF** = Verde Speckle
- SB** = Sedona Brown
- FB** = Flat Black

COMPOSITES

- CB** = Camo Bronze
- DT** = Desert Tan

* May require longer lead time

LIGHTING CONTROL & TRANSFORMERS

All FX Luminaire Transformers are warranted from manufacturer's defects for a period of ten years from the date of installation. If a transformer should fail due to manufacturing defects within this period, FX Luminaire will repair or replace the faulty unit free of charge.

FIXTURE WARRANTY

All FX Luminaire Low Voltage Lighting Fixtures are warranted from corrosion and/or manufacturer's defect for a period of three years from date of installation. If a fixture should fail due to corrosion or manufacturer's defects, FX Luminaire will repair or replace said fixtures free of charge.

EXTENDED WARRANTY

FX Luminaire extends the warranty on Fixture and Transformers to ten years from the date of installation when both FX Luminaire fixtures and transformers are installed on the same project exclusive of any competitor's products. If, due to manufacturer's defects, either fixture(s) or Transformer(s) should fail within this period of time, FX Luminaire will repair or replace the faulty equipment free of charge.

EXCLUSIONS FROM THE FX WARRANTY

1. Insignificant defects such as scratches, minor mechanical or electrical maladjustment or any manufacturing error that can be easily corrected.
2. Any defect discovered in a product that has been modified without FX's prior written consent unless the changes are minor.
3. WARRANTY VOID IF FIXTURES ARE USED WITH NON-UL 1838 POWER SUPPLY.
4. Lamps are not covered.
5. Warranty is subject to change without prior notice.

FX Luminaire hereby disclaims all implied warranties and conditions of merchantability, fitness for a particular purpose, title and non-infringement. In no event shall FX Luminaire and/or its respective suppliers be liable for any special, indirect or consequential damages or any damages whatsoever resulting from loss of use, profits, whether in an action of contract, negligence or other tortious action, arising out of or in connection with the use or performance of FX products. Installation labor to repair or replace defective products is explicitly excluded from the FX product warranty.

LIGHTING CONTROL

FX LUMINAIRE

The Intersection of Art & Engineering

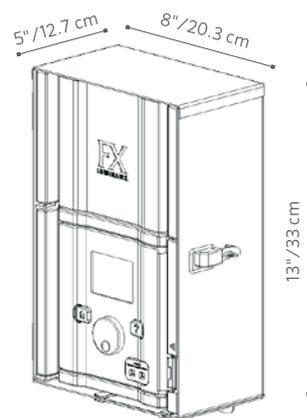




With Luxor controlling an LED landscape lighting system, lights don't simply turn on and off. They come alive. Luxor offers both zoning and dimming capabilities that provide virtually limitless design possibilities.

LUXOR: Lighting Controller

MODELS:	150 or 300 Watt
FINISHES:	Stainless Steel or Matte Gray Powder Coat
DEPTH:	5" / 12.7 cm
WIDTH:	8" / 20.3cm
HEIGHT:	13" / 33 cm





LUXOR: Lighting Controller

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

Step	Description	Code
1	TRANSFORMER	LZD
2	SIZE	150, 300
3	FINISH	SS, M

EXAMPLE: LZD-150-M = Luxor Transformer -150W - Matte Gray Finish

FEATURES:

- Up to 250 independently adjustable lighting groups can be created
- Compatible with FX LED ZD lights only
- All groups can be turned on independently and dimmed from 1-100%
- Utilizes FX Luxor Communication Technology to connect lights to the controller
- User interface includes a full color LCD display for easy setup, maintenance and adjusting of groups
- Uses event based scheduling, which allows a single group of lights to change dimming percentages throughout the night
- Fully removable facepack, uses a RJ-11 cable that is extendable up to 1000'
- Simple two-wire configuration for easy installation and adjusting
- Fixture addressing takes place on the front of the facepack for easy access
- No matter where a light is within a system, it can communicate with the transformer to receive its schedule, intensity, and group
- Astronomical Timing Function with Map Placement
- Available in 150 & 300 Watts
- Stainless Steel or Matte Gray powder coated cabinet finishes options

METALS



SS = Stainless Steel

POWDER COAT



M = Paintable Matte Gray

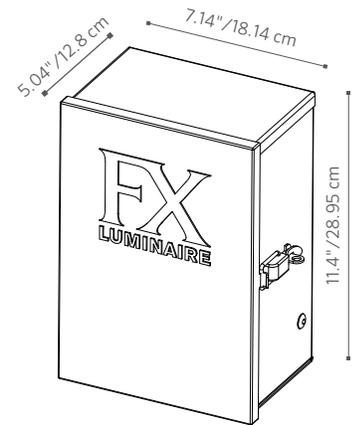
The Luxor comes in 150 or 300 watt options, choice of stainless steel or matte gray powder coat and a 3' power cord.



The LX Transformer is the industry's first fully digital lighting control transformer. The integrated LCD screen provides current time, photocell, function, and line output readouts. Since its digital display is backlit, adjustments can easily be made 24 hours a day. And with flexible scheduling options and real-time status readouts, the LX provides the ultimate in system reliability and efficiency.

LX: Transformer

MODELS:	150 or 300 Watt
FINISHES:	Stainless Steel or Matte Gray Powder Coat
ACCESSORY:	26' Remote Mount Photocell
DEPTH:	5.04" / 128.02 cm
WIDTH:	7.14" / 181.41 cm
HEIGHT:	11.4" / 289.43 cm





LX: Transformer

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

Step	Description	Code
1	TRANSFORMER	LX
2	SIZE	150, 300
3	FINISH	SS, M

EXAMPLE: **LX-150-M** = LX Transformer -150W - Matte Gray Finish

FEATURES:

- **Full Digital Control:** All functions are controlled by the integrated LCD Screen for a complete real-time output of functions
- **6 On/Off Times:** Add different start and stop times using the photocell or a given time on different days of the week
- **Active Load Draw Bar:** Digital Readout of system load usage displayed as a bar in 10% increments
- **Real Time Photocell Readout:** Always know what the photocell is sensing with its easy to identify sun and moon
- **Internal Clock and Timing:** Adjust lights to illuminate at a given time of day or use the photocell in conjunction
- **Status LEDs:** Displays readouts and readiness of the 120V, External Function, Photocell activity, and 12V output
- **Backlit Display:** Backlit display panel allows you to see status at night
- **Conduit Pathway:** Leave the transformer mounted and install conduit to the system using the handy removeable front conduit pathway
- **12V Photocell Included and Preinstalled:** Smaller size with less wiring
- **Petite Box:** Houses all power and control functions
- **Removable Door:** Allows easy conduit installation and “as built” note writing
- **Flip Up Display:** Display flips up and pushes out of the way to access all wiring
- **Integrated Backup Battery:** Saves time and settings in the event of a power outage

METALS

 **SS** = Stainless Steel

POWDER COAT

 **M** = Paintable Matte Gray

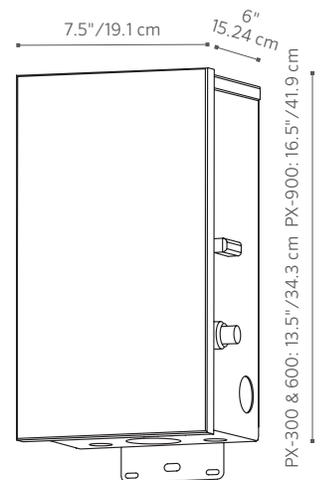
The LX comes standard in stainless steel, photocell and a 3' power cord.



This is the high tech heart of the FX Luminaire low voltage lighting system. The PX is available in 300, 600 and 900 Watt capacities with a variety of control options. The enclosure is fabricated from heavy gauge stainless steel for long life in corrosive exterior locations.

PX: Transformer

MODELS:	300, 600 or 900 Watt
FINISHES:	Stainless Steel or Powder Coat Finishes
ACCESSORY:	Timer and/or Photocell
DEPTH:	6" / 15.24 cm
WIDTH:	7.5" / 19.1 cm
HEIGHT: (300 & 600 Watt)	13.5" / 34.3 cm
(900 Watt)	16.5" / 41.9 cm



ORDERING INFORMATION



PX: Transformer

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 + 4

Step	Description	Code
1	TRANSFORMER	LX
2	SIZE	300, 600, 900 (Watts)
3	OPTIONAL SWITCHING	T (Timer), PC (26' remote mount Photocell), or TPC (Timer & Photocell)
4	FINISH	SS, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: LX-300-SS = LX Transformer -300W - Stainless Steel Finish

FIELD INSTALLED OPTIONS: Order Individually

Description	Code
FIXTURE	PXSYNC (PX Sync Lighting Synchronizer for 24V for Irrigation Controllers, 2.75" w x 3" h x 1.5" d)

EXAMPLE: PXSYNC = PX SYNC Lighting Synchronizer

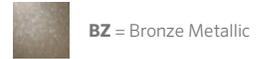
PX FEATURES

- **Stainless Steel Construction:** No plated common steel is used which means no rust
- **Open Switching Control Architecture:** Any standard timer, photocell, manual switch, or "smart home" device may be used
- **Extra Large Terminal Block:** Each terminal can handle up to 16 12-gauge conductors
- **Nickel-plated Terminal Block Hardware:** The ultimate conductive surface to minimize resistance
- **Aerospace Circuit Breakers:** These breakers are not temperature sensitive which minimizes nuisance tripping so the transformer can be fully loaded
- **Two-Inch Conduit Knock-Out:** Allows installer to bring up to 20 cables to the terminal block
- **Industry Leading Warranty:** 10-year warranty for extra assurance

METALS



POWDER COAT



The PX comes standard in stainless steel, a 3' power cord, choice of timer and/or photocell.

SAFETY STANDARDS

ETL Listed to UL Standards For Safety:
 PX300 - UL1838
 PX600 - ETL1838/379
 PX900 - ETL1838/379
 UL1838 Standards
 UL379 Standards



For high performance and predictable lamp life use FX LUMINAIRE Transformers only. The PX is specifically designed for the high tech lamps used in our fixtures — the use of inferior power supplies can cause premature lamp failure and other problems including the risk of fire. For more information on this very important subject please contact us at 760.744.5240.

LED UP LIGHTS

FX LUMINAIRE

The Intersection of Art & Engineering

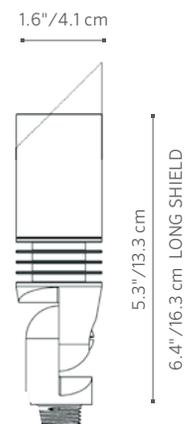




Created for small scale elements, the CC combines smart style and function. Our Driver-On-Board technology uses long-life LEDs to provide excellent illumination. The CC fuses a progressive design with precision engineering, making it an ideal selection.

CC: Up Light

NUMBER OF LEDs:	1	3
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt	20 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4	4.5
WATTS USED:	2.0	4.2
LUMENS PER WATT (EFFICACY)	35.8	28.2
MAX LUMENS:	59	123
CCT (Ra)	69.3	69.3





CC: Up Light

< LONG SHIELD

FACTORY INSTALLED OPTIONS: Order 1 + 2 (optional) + 3 + 4 (optional) + 5

Step	Description	Code
1	FIXTURE	CC
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED, 3LED (50,000 avg. life hours)
4	OPTIONAL SHIELD	LS (Long shield)
5	FINISH	AB*, AT*, NP*, BS

EXAMPLE: CC-ZD-1LED-AB = CC - ZD Option - 1LED Board - Antique Bronze Finish

FIELD INSTALLED OPTIONS: Order Individually

Mounting Options	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	
Super Slot Spike (753900) 2" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: 753900 = Super Slot Spike

METALS

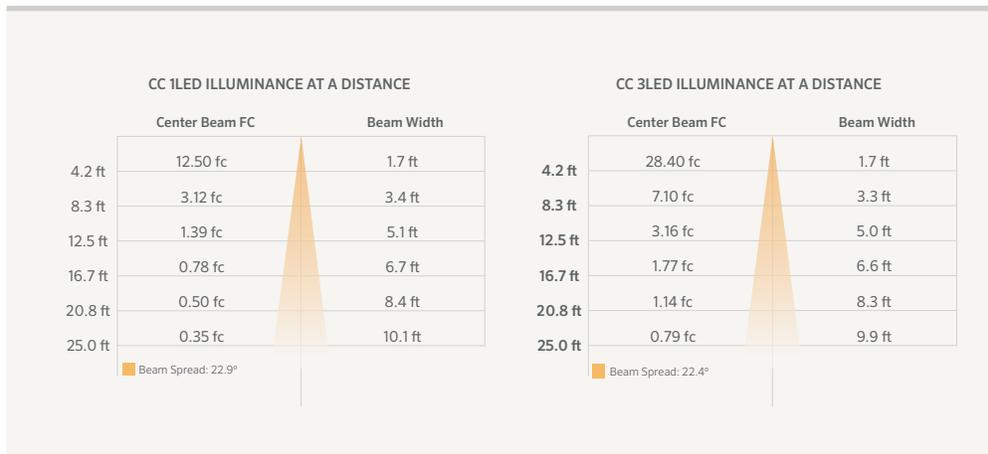
	AB = Antique Bronze* (On Brass)
	AT = Antique Tumbled* (On Brass)
	NP = Nickel Plate*
	BS = Natural Brass

All CC up lights come standard with amber, green, blue and frosted filters

The CC includes choice of LED board, your choice of finish, 5 ft lead wire and a Long Slot Spike.

* May require longer lead time
** Denotes finish option

PHOTOMETRICS:



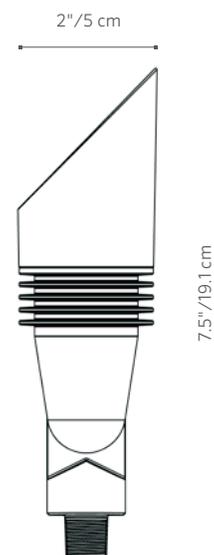
Beam angle is calculated using LM-79 method for SSL Luminaires:
"Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."



Similar in style to its bigger brother the NP, the FB fits nicely into smaller landscapes and tight spaces. Accommodating up to a 3 LED Board, the FB offers all the same up light benefits of the NP in a more compact package.

FB: Up Light

NUMBER OF LEDS:	1	3
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt	20 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4	4.5
WATTS USED:	2.0	4.2
LUMENS PER WATT (EFFICACY)	31.1	40.2
MAX LUMENS:	60	155
CCT (Ra)	78.6	78.4





FB: Up Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 (optional) + 3 + 4

Step	Description	Code
1	FIXTURE	FB
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED, 3LED (50,000 avg. life hours)
4	FINISH	WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: FB-ZD-3LED-SB = FB - ZD Option - 3LED Board - Sedona Brown Finish

FIELD INSTALLED OPTIONS: Order Individually

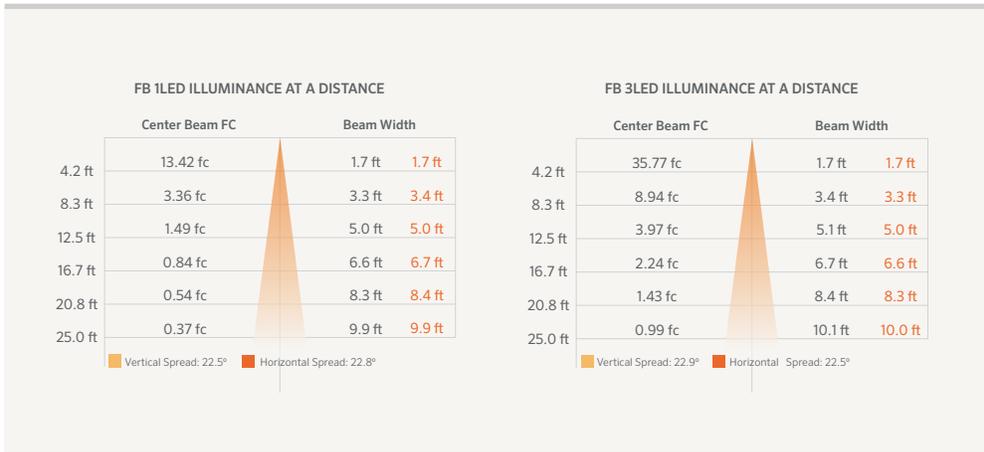
Mounting Options	
Super Slot Spike (753900) 2" x 10" Included ▶	
Long Slot Spike (250015840000) 2.5" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: 250015840000 = Long Slot Spike

POWDER COAT

	WG = White Gloss
	FW = Flat White
	AL = Almond
	BZ = Bronze Metallic
	DG = Desert Granite
	WI = Weathered Iron
	VF = Verde Speckle
	SB = Sedona Brown
	FB = Flat Black

PHOTOMETRICS:



All FB up lights come standard with amber, green, blue and frosted filters

The FB includes choice of LED board, choice of finish, 5 ft lead wire and a Super Slot Spike.

** Denotes finish option

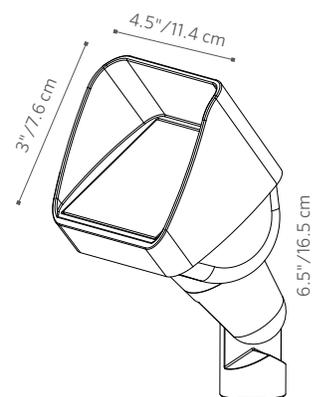
Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."



Our largest wall-wash up light, the LC, projects a broad spectrum of light on large walls and spaces. It is available in 1, 3, 6 and 9LED, and is available in an array of finishes to suit the needs of any design that calls for a large-span wall washing up light.

LC: Up Light

NUMBER OF LEDs:	1	3	6	9
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt	20 Watt	35 Watt	50 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V	10 to 15V	10 to 15V
VA TOTAL: (Use to size the lighting controller)	2.4	4.5	13.5	13.5
WATTS USED:	2.0	4.2	10.1	11.2
LUMENS PER WATT (EFFICACY)	30.9	36.5	36.1	36.8
MAX LUMENS:	63	154	331	436
CRI (Ra)	82.8	80.2	82.2	79.2





LC: Up Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 (optional) + 3 + 4

Step	Description	Code
1	FIXTURE	LC
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED, 3LED, 6LED, 9LED (50,000 avg. life hours)
4	FINISH	AB*, AT*, NP*, BS, WG, FW, AL, BZ, DG, WI, VF, SB, FB

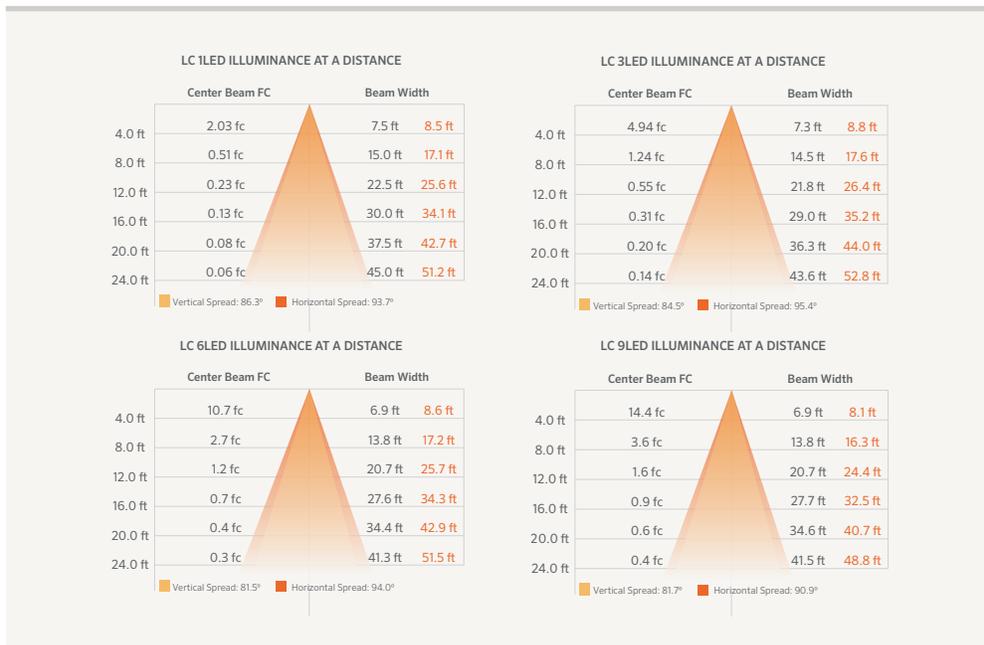
EXAMPLE: LC-ZD-3LED-BZ = DE - ZD Option - 3LED Board - Bronze Metallic Finish

FIELD INSTALLED OPTIONS: Order Individually

Mounting Options	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	 Long Slot Spike
Super Slot Spike (753900) 2" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	
	 Super Slot Spike
	 Super J-Box XX**
	 Post Mount XX**

EXAMPLE: 753900 = Super Slot Spike

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS

	AB = Antique Bronze* (On Brass)
	AT = Antique Tumbled* (On Brass)
	NP = Nickel Plate
	BS = Natural Brass

POWDER COAT

	WG = White Gloss
	FW = Flat White
	AL = Almond
	BZ = Bronze Metallic
	DG = Desert Granite
	WI = Weathered Iron
	VF = Verde Speckle
	SB = Sedona Brown
	FB = Flat Black

 All LC up lights come standard with amber, green, blue and frosted filters

The LC includes your choice LED boards, choice of finish, 5 ft. lead wire and a Long Slot Spike.

* May require longer lead time

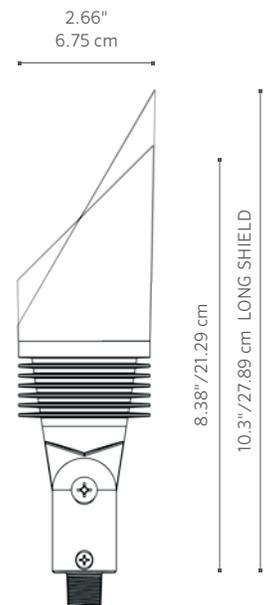
** Denotes finish option



The NP is our most versatile LED up light, and is engineered to accommodate all aspects of your up lighting needs. By coupling the proper light intensity with one of the provided color filters, your designer can fine-tune the NP to beautifully enhance every landscape feature.

NP: Up Light

NUMBER OF LEDs:	1	3	6	9
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt	20 Watt	35 Watt	50 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V	10 to 15V	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4	4.5	13.5	13.5
WATTS USED:	2.0	4.2	10.1	11.2
LUMENS PER WATT (EFFICACY)	25.4	31	31.8	31.1
MAX LUMENS:	52	135	279	357
CCT (Ra)	68.5	67.9	80.2	67.5





NP: Up Light

< LONG SHIELD

FACTORY INSTALLED OPTIONS: Order 1 + 2 (optional) + 3 + 4 (optional) + 5

Step	Description	Code
1	FIXTURE	NP
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED, 3LED, 6LED, 9LED (50,000 avg. life hours)
4	OPTIONAL SHIELD	LS (Long shield)
5	FINISH	WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: NP-ZD-9LED-LS-DG = NP - ZD Option - 9LED Board - Long Shield - Desert Granite Finish

FIELD INSTALLED OPTIONS: Order Individually

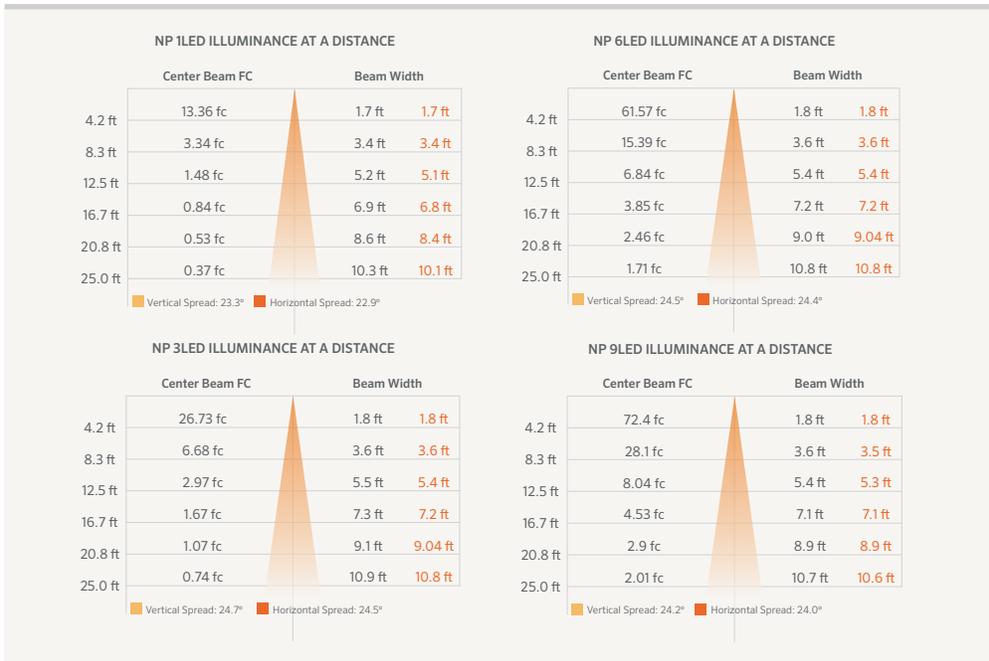
Mounting Options	
Super Slot Spike (753900) 2" x 10" Included ▶	   
Long Slot Spike (250015840000) 2.5" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: 250015840000 = Long Slot Spike

POWDER COAT

	WG = White Gloss
	FW = Flat White
	AL = Almond
	BZ = Bronze Metallic
	DG = Desert Granite
	WI = Weathered Iron
	VF = Verde Speckle
	SB = Sedona Brown
	FB = Flat Black

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

 All NP up lights come standard with amber, green, blue and frosted filters

The NP includes choice of LED board, choice of finish, 5 ft lead wire and a Super Slot Spike.

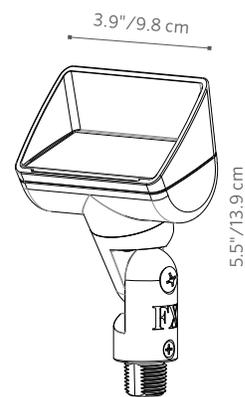
** Denotes finish option



The PB is a compact LED wall wash lighting solution. Available in 1 or 3 LED with full color lens options of frosted, blue, amber, and green included. The wider angle of the PB allows a broader lighting option for larger structures and spaces. Engineered with solid construction, yet petite in size.

PB: Up Light

NUMBER OF LEDS:	1	3
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt	20 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4	4.5
WATTS USED:	2.0	4.2
LUMENS PER WATT (EFFICACY)	34	37
MAX LUMENS:	71	151
CCT (Ra)	67.3	67





PB: Up Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 (optional) + 3 + 4

Step	Description	Code
1	FIXTURE	PB
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED, 3LED (50,000 avg. life hours)
4	FINISH	AB*, AT*, NP*, BS, WG, FW, AL, BZ, DG, WI, VF, SB, FB

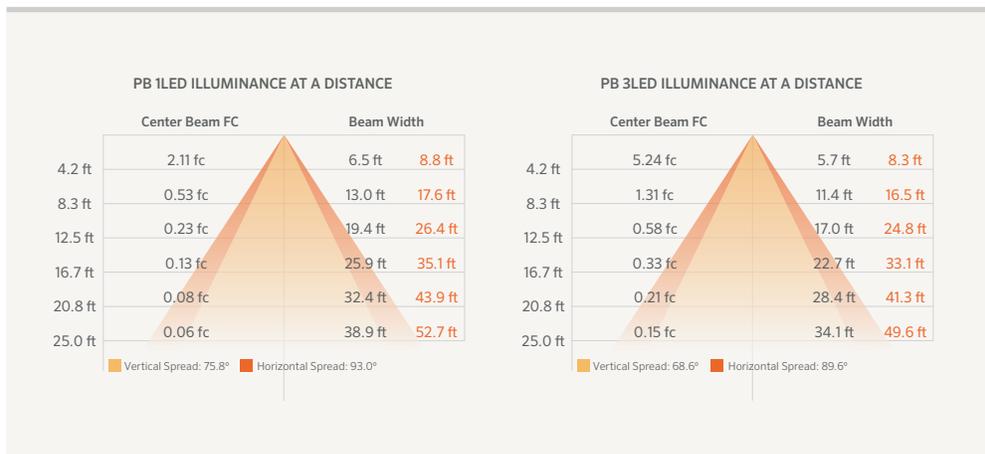
EXAMPLE: PB-ZD-3LED-AT = PB - ZD Option - 3LED Board - Antique Tumbled Finish

FIELD INSTALLED OPTIONS: Order Individually

Mounting Options		
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	 Long Slot Spike	
Super Slot Spike (753900) 2" x 10"		 Super Slot Spike
SuperJ-Box (SJ-XX**) 2.5" x 12"		
Post Mount (PM-XX**) 2.5" x 13"		 Post Mount XX**

EXAMPLE: 753900 = Super Slot Spike

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS

-  **AB** = Antique Bronze* (On Brass)
-  **AT** = Antique Tumbled* (On Brass)
-  **NP** = Nickel Plate*
-  **BS** = Natural Brass

POWDER COAT

-  **WG** = White Gloss
-  **FW** = Flat White
-  **AL** = Almond
-  **BZ** = Bronze Metallic
-  **DG** = Desert Granite
-  **WI** = Weathered Iron
-  **VF** = Verde Speckle
-  **SB** = Sedona Brown
-  **FB** = Flat Black

 All PB up lights come standard with amber, green, blue and frosted filters

The PB includes choice of LED board, choice of finish, 5 ft lead wire and a Long Slot Spike.

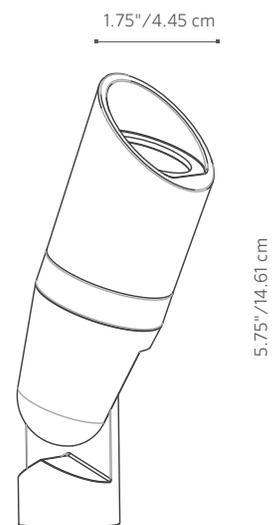
* May require longer lead time
 ** Denotes finish option



The QZ is the smallest up light offered in the FX LED line. With only a 1LED option it's capable of all the same features and optics of the larger LED up lights like the NP and FB, but in a smaller package. The QZ is also capable of zoning and Dimming on a Luxor ZD System with the added ZD option.

QZ: Up Light

NUMBER OF LEDS:	1
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watts
USEFUL LED LIFE (L70):	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V
VA TOTAL: (Use to size the lighting controller)	2.4
WATTS USED:	2.0
LUMENS PER WATT (EFFICACY)	34.9
MAX LUMENS:	62
CRI (Ra)	79.8





QZ: Up Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 (optional) + 3 + 4

Step	Description	Code
1	FIXTURE	QZ
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED (50,000 avg. life hours)
4	FINISH	WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: QZ-ZD-1LED-WI = DE - ZD Option - 1LED Board - Weathered Iron Finish

FIELD INSTALLED OPTIONS: Order Individually

Mounting Options		
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	 Long Slot Spike	
Super Slot Spike (753900) 2" x 10"		 Super Slot Spike
SuperJ-Box (SJ-XX**) 2.5" x 12"		
Post Mount (PM-XX**) 2.5" x 13"		 Post Mount XX**

EXAMPLE: 753900 = Super Slot Spike

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

POWDER COAT

-  **WG** = White Gloss
-  **FW** = Flat White
-  **AL** = Almond
-  **BZ** = Bronze Metallic
-  **DG** = Desert Granite
-  **WI** = Weathered Iron
-  **VF** = Verde Speckle
-  **SB** = Sedona Brown
-  **FB** = Flat Black

 All QZ up lights come standard with amber, green, blue and frosted filters

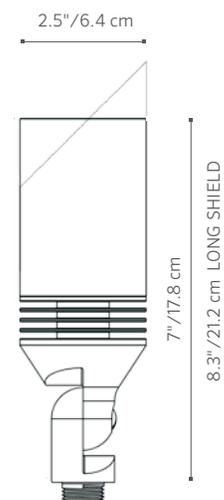
The QZ includes a 1 LED board, your choice of finish, 5 ft lead wire and a Super Slot Spike.



Designed for mid-sized landscapes, the VS is unsurpassed in both elegance and performance. The VS combines first-class LED technology with premium materials to create a fixture that is truly unparalleled.

VS: Up Light

NUMBER OF LEDs:	1	3	6	9
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt	20 Watt	35 Watt	50 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V	10 to 15V	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4	4.5	13.5	13.5
WATTS USED:	2.0	4.2	10.1	11.2
LUMENS PER WATT (EFFICACY)	32	39	30	28
MAX LUMENS:	59	159	279	357
CCT (Ra)	78	79	78.8	82.1





VS: Up Light

< LONG SHIELD

FACTORY INSTALLED OPTIONS: Order 1 + 2 (optional) + 3 + 4 (optional) + 5

Step	Description	Code
1	FIXTURE	VS
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED, 3LED, 6LED, 9LED (50,000 avg. life hours)
4	OPTIONAL SHIELD	LS (Long shield)
5	FINISH	AB*, AT*, NP*, BS

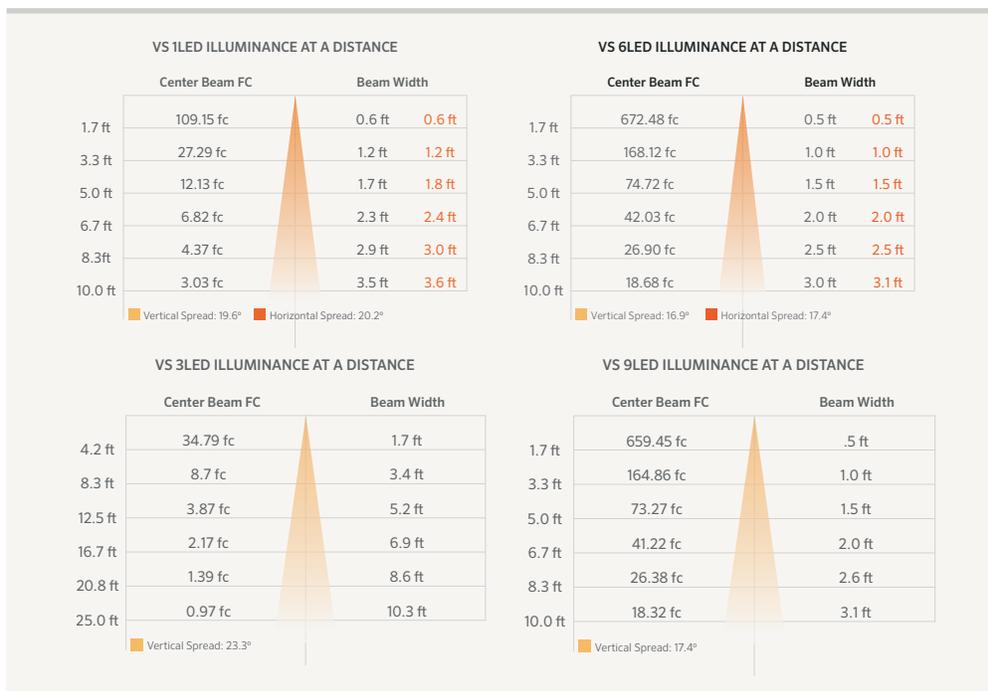
EXAMPLE: VS-ZD-6LED-LS-AT = VS - ZD Option - 6LED Board - Long Shield - Antique Tumbled Finish

FIELD INSTALLED OPTIONS: Order Individually

Mounting Options	
Super Slot Spike (753900) 2" x 10" Included ▶	
Long Slot Spike (250015840000) 2.5" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: 250015840000 = Long Slot Spike

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS

	AB = Antique Bronze* (On Brass)
	AT = Antique Tumbled* (On Brass)
	NP = Nickel Plate*
	BS = Natural Brass

All VS up lights come standard with amber, green, blue and frosted filters

The VS includes choice of LED board, choice of finish, 5 ft lead wire and a Super Slot Spike.

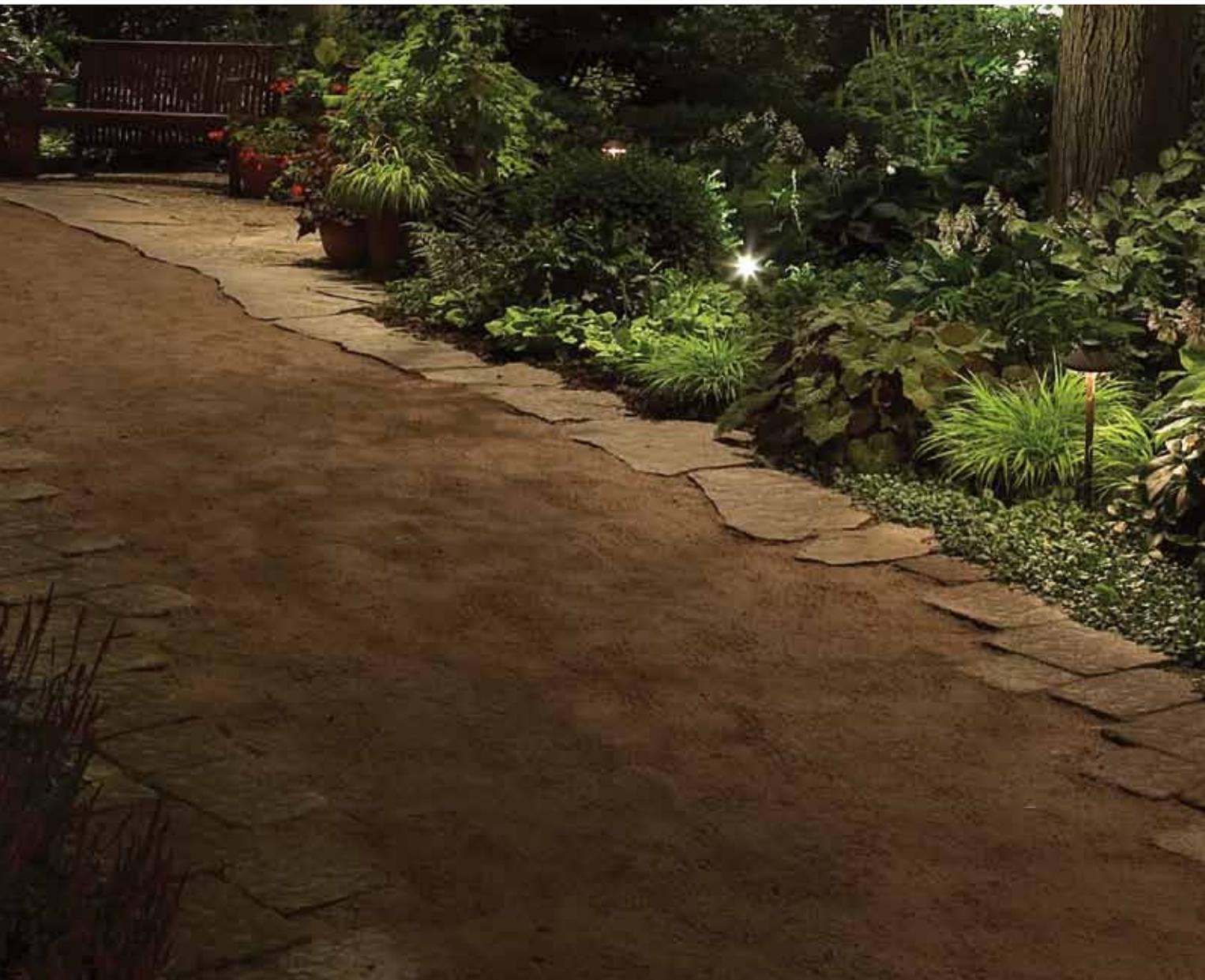
* May require longer lead time
 ** Denotes finish option



LED PATH LIGHTS

FX LUMINAIRE

The Intersection of Art & Engineering





Small in shape, but big on LED efficiency, the BD combines soft geometric angles and robust quality to produce outstanding function and durability. Its subtlety and efficiency make it an ideal luminaire for a variety of landscapes and path types.

BD: Path Light

NUMBER OF LEDS:	1
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4
WATTS USED:	2.0
LUMENS PER WATT (EFFICACY)	19.4
MAX LUMENS:	39
CCT (Ra)	86





BD: Path Light

FACTORY INSTALLED OPTIONS (TOP ASSEMBLY): Order 1 + 2

Step	Description	Code
1	TOP ASSEMBLY	BDLEDTA
2	TOP FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: **BDLEDTA-SB** = BD Top Assembly - Sedona Brown Finish

FACTORY INSTALLED OPTIONS (RISER ASSEMBLY): Order 1 + 2 (optional) + 3 + 4 + 5

Step	Description	Code
1	RISER TYPE	P
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED (50,000 avg. life hours)
4	RISER HEIGHT	8RA, 12RA, 18RA, 24RA, 36RA (in inches)
5	FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

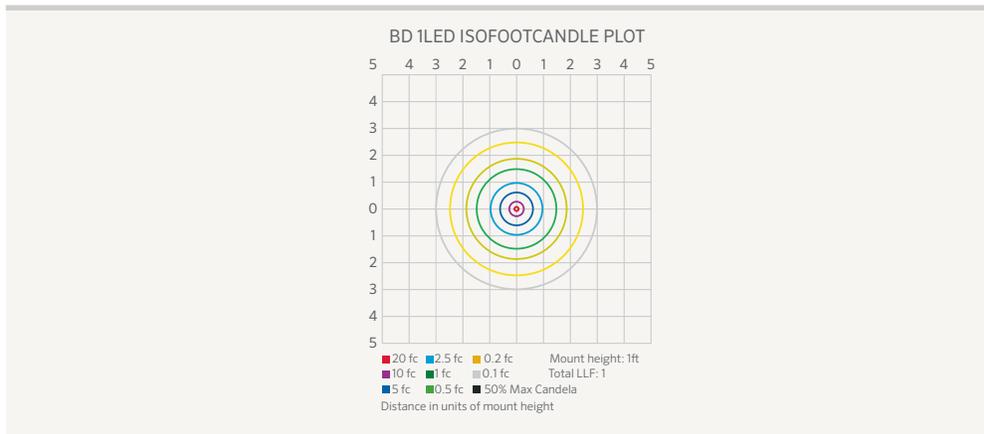
EXAMPLE: **P-ZD-1LED-12RA-SB** = Riser Type - ZD Option - 1 LED Board - 12" Riser - Sedona Brown Finish

FIELD INSTALLED OPTIONS: Order Individually

Mounting Options	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	
Super Slot Spike (753900) 2" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: **753900** = Super Slot Spike

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS

- AB** = Antique Bronze* (On Copper)
- AT** = Antique Tumbled* (On Copper)
- CU** = Copper
- NP** = Nickel Plate*

POWDER COAT

- WG** = White Gloss
- FW** = Flat White
- AL** = Almond
- BZ** = Bronze Metallic
- DG** = Desert Granite
- WI** = Weathered Iron
- VF** = Verde Speckle
- SB** = Sedona Brown
- FB** = Flat Black

All BD path lights come standard with amber, green, blue and frosted filters

The BD includes a 1LED board, and choice of riser size and finish, a 5 ft. lead wire and Long Slot Spike.

Note: Only the copper portions of the path lights are powder coated. The brass pieces remain natural.

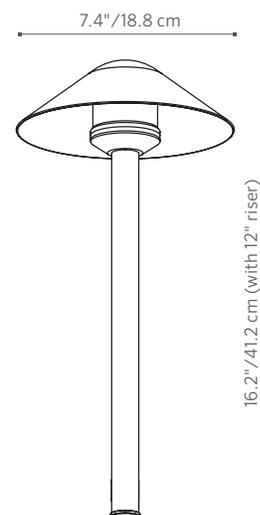
* May require longer lead time
 ** Denotes finish option



The LED CA emits a soft, efficient light for a variety of applications. Visually, it joins an austere appearance with a basic organic quality that compliments adjoining garden elements.

CA: Path Light

NUMBER OF LEDS:	1	3
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt	20 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4	4.5
WATTS USED:	2.0	4.2
LUMENS PER WATT (EFFICACY)	19.4	25
MAX LUMENS:	39	103
CCT (Ra)	86	66.6





CA: Path Light

FACTORY INSTALLED OPTIONS (TOP ASSEMBLY): Order 1 + 2

Step	Description	Code
1	TOP ASSEMBLY	CALEDTA
2	TOP FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: **CALEDTA-AT** = CA Top Assembly - Antique Tumbled Finish

FACTORY INSTALLED OPTIONS (RISER ASSEMBLY): Order 1 + 2 (optional) + 3 + 4 + 5

Step	Description	Code
1	RISER TYPE	G
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED, 3LED (50,000 avg. life hours)
4	RISER HEIGHT	8RA, 12RA, 18RA, 24RA, 36RA (in inches)
5	FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

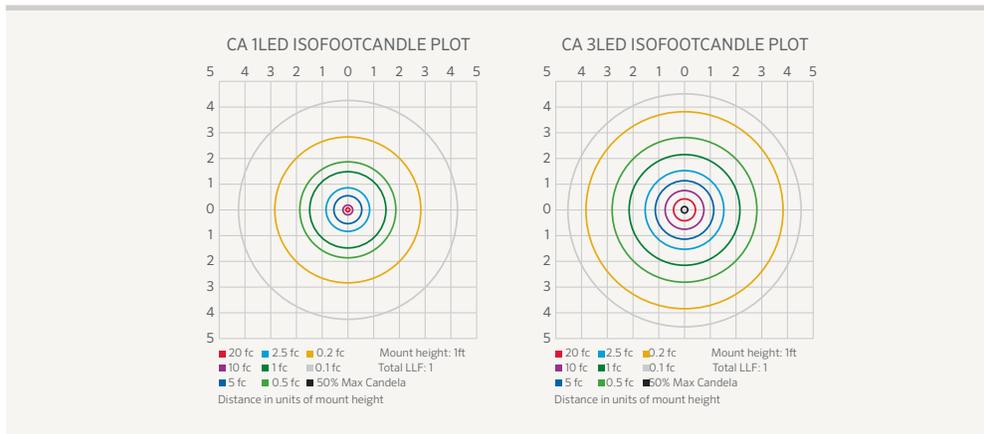
EXAMPLE: **G-ZD-3LED-18RA-AT** = Riser Type - ZD Option - 3 LED Board - 18" Riser - Antique Tumbled Finish

FIELD INSTALLED OPTIONS: Order Individually

Mounting Options	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	
Super Slot Spike (753900) 2" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: **753900** = Super Slot Spike

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS

- AB** = Antique Bronze* (On Copper)
- AT** = Antique Tumbled* (On Copper)
- CU** = Copper
- NP** = Nickel Plate*

POWDER COAT

- WG** = White Gloss
- FW** = Flat White
- AL** = Almond
- BZ** = Bronze Metallic
- DG** = Desert Granite
- WI** = Weathered Iron
- VF** = Verde Speckle
- SB** = Sedona Brown
- FB** = Flat Black

All CA path lights come standard with amber, green, blue and frosted filters

The CA includes choice of LED board, riser size, finish, 5 ft. lead wire and Long Slot Spike.

Note: Only the copper portions of the path lights are powder coated. The brass pieces remain natural.

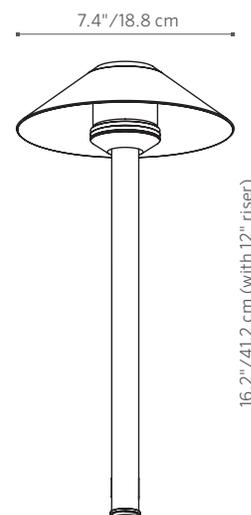
* May require longer lead time
 ** Denotes finish option



The CB is a soft, efficient, and safe path light that can be used for pathways of all shapes, sizes, and locations. Its sleek hat shape gives it a more contemporary look that can accentuate landscapes that are trying to achieve a modern facade.

CB: Path Light

NUMBER OF LEDS:	1	3
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt	20 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4	4.5
WATTS USED:	2.0	4.2
LUMENS PER WATT (EFFICACY)	19.4	25
MAX LUMENS:	39	103
CCT (Ra)	86	66.6





CB: Path Light

FACTORY INSTALLED OPTIONS (TOP ASSEMBLY): Order 1 + 2

Step	Description	Code
1	TOP ASSEMBLY	CBLEDTA
2	TOP FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: **CBLEDTA-DG** = CB Top Assembly - Desert Granite Finish

FACTORY INSTALLED OPTIONS (RISER ASSEMBLY): Order 1 + 2 (optional) + 3 + 4 + 5

Step	Description	Code
1	RISER TYPE	G
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED, 3LED (50,000 avg. life hours)
4	RISER HEIGHT	8RA, 12RA, 18RA, 24RA, 36RA (in inches)
5	FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

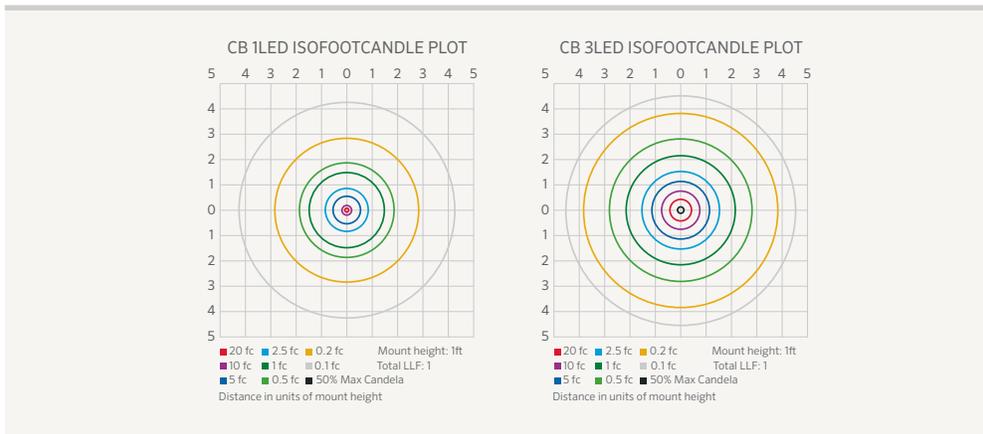
EXAMPLE: **G-ZD-3LED-24RA-DG** = Riser Type - ZD Option - 3 LED Board - 24" Riser - Desert Granite Finish

FIELD INSTALLED OPTIONS: Order Individually

Mounting Options	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	
Super Slot Spike (753900) 2" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: **753900** = Super Slot Spike

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS

- AB** = Antique Bronze* (On Copper)
- AT** = Antique Tumbled* (On Copper)
- CU** = Copper
- NP** = Nickel Plate*

POWDER COAT

- WG** = White Gloss
- FW** = Flat White
- AL** = Almond
- BZ** = Bronze Metallic
- DG** = Desert Granite
- WI** = Weathered Iron
- VF** = Verde Speckle
- SB** = Sedona Brown
- FB** = Flat Black

All CB path lights come standard with amber, green, blue and frosted filters

The CB includes choice of LED board, riser size, finish, 5 ft. lead wire and Long Slot Spike.

Note: Only the copper portions of the path lights are powder coated. The brass pieces remain natural.

* May require longer lead time

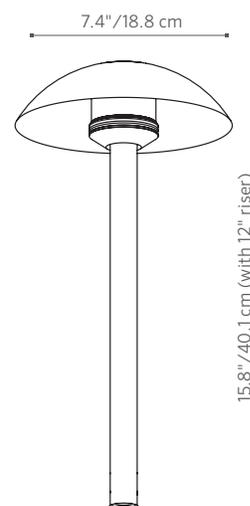
** Denotes finish option



The CV is a soft, efficient, and safe path light that can be used for pathways of all shapes, sizes, and locations. Its rounded hat shape gives it a classic look that can improve the scheme of a diverse array of landscapes.

CV: Path Light

NUMBER OF LEDS:	1	3
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt	20 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4	4.5
WATTS USED:	2.0	4.2
LUMENS PER WATT (EFFICACY)	19.4	25
MAX LUMENS:	39	103
CCT (Ra)	86	66.6





CV: Path Light

FACTORY INSTALLED OPTIONS (TOP ASSEMBLY): Order 1 + 2

Step	Description	Code
1	TOP ASSEMBLY	CVLEDTA
2	TOP FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: **CVLEDTA-BZ** = CV Top Assembly - Bronze Metallic Finish

FACTORY INSTALLED OPTIONS (RISER ASSEMBLY): Order 1 + 2 (optional) + 3 + 4 + 5

Step	Description	Code
1	RISER TYPE	G
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED, 3LED (50,000 avg. life hours)
4	RISER HEIGHT	8RA, 12RA, 18RA, 24RA, 36RA (in inches)
5	FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

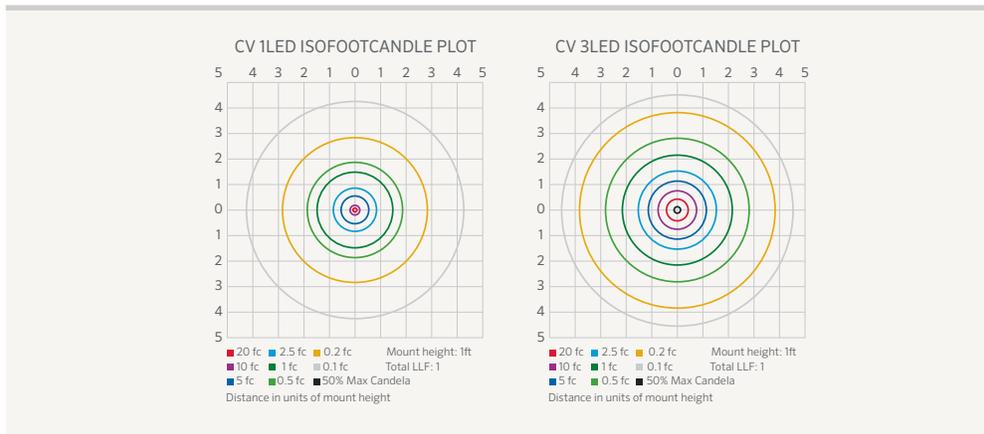
EXAMPLE: **G-ZD-3LED-12RA-BZ** = Riser Type - ZD Option - 3 LED Board - 12" Riser - Bronze Metallic Finish

FIELD INSTALLED OPTIONS: Order Individually

Mounting Options	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	 Long Slot Spike  Super Slot Spike  Super J-Box XX**  Post Mount XX**
Super Slot Spike (753900) 2" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: **753900** = Super Slot Spike

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS

-  **AB** = Antique Bronze* (On Copper)
-  **AT** = Antique Tumbled* (On Copper)
-  **CU** = Copper
-  **NP** = Nickel Plate*

POWDER COAT

-  **WG** = White Gloss
-  **FW** = Flat White
-  **AL** = Almond
-  **BZ** = Bronze Metallic
-  **DG** = Desert Granite
-  **WI** = Weathered Iron
-  **VF** = Verde Speckle
-  **SB** = Sedona Brown
-  **FB** = Flat Black

 All CV path lights come standard with amber, green, blue and frosted filters

The CV includes choice of LED board, riser size, finish, 5 ft. lead wire and Long Slot Spike.

Note: Only the copper portions of the path lights are powder coated. The brass pieces remain natural.

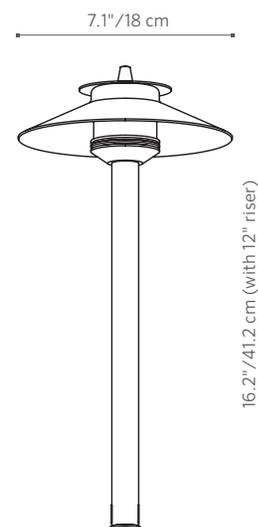
* May require longer lead time
 ** Denotes finish option



In shape, the DM is perhaps one of the most dynamic path lights ever invented. Sleek from top to bottom, and versatile with 1 or 3 LED, the DM is the perfect combination of form and function.

DM: Path Light

NUMBER OF LEDS:	1	3
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt	20 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4	4.5
WATTS USED:	2.0	4.2
LUMENS PER WATT (EFFICACY)	19.4	25
MAX LUMENS:	39	103
CCT (Ra)	86	66.6





DM: Path Light

FACTORY INSTALLED OPTIONS (TOP ASSEMBLY): Order 1 + 2

Step	Description	Code
1	TOP ASSEMBLY	DMLEDTA
2	TOP FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: **DMLEDTA-BZ** = DM Top Assembly - Bronze Metallic Finish

FACTORY INSTALLED OPTIONS (RISER ASSEMBLY): Order 1 + 2 (optional) + 3 + 4 + 5

Step	Description	Code
1	RISER TYPE	G
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED, 3LED (50,000 avg. life hours)
4	RISER HEIGHT	8RA, 12RA, 18RA, 24RA, 36RA (in inches)
5	FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

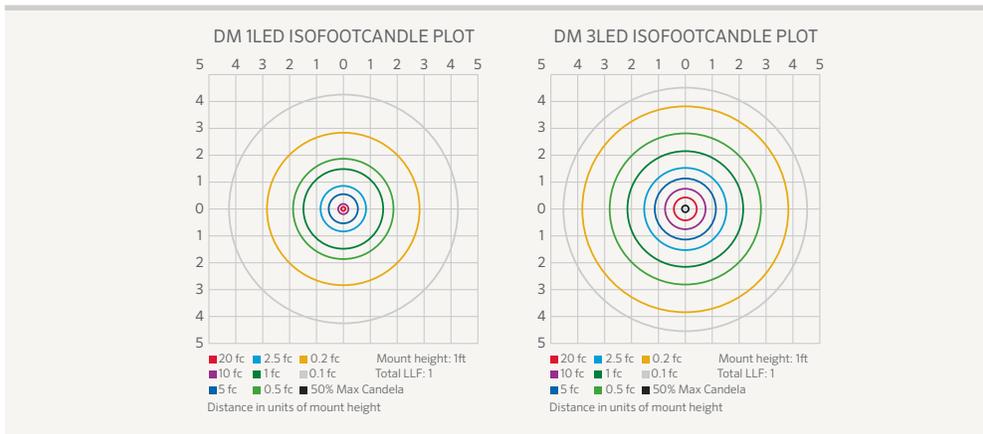
EXAMPLE: **G-ZD-3LED-36RA-BZ** = Riser Type - ZD Option - 3 LED Board - 36" Riser - Bronze Metallic Finish

FIELD INSTALLED OPTIONS: Order Individually

Mounting Options		
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	 Long Slot Spike	
Super Slot Spike (753900) 2" x 10"		 Super Slot Spike
SuperJ-Box (SJ-XX**) 2.5" x 12"		
Post Mount (PM-XX**) 2.5" x 13"		 Post Mount XX**

EXAMPLE: **753900** = Super Slot Spike

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS

-  **AB** = Antique Bronze* (On Copper)
-  **AT** = Antique Tumbled* (On Copper)
-  **CU** = Copper
-  **NP** = Nickel Plate*

POWDER COAT

-  **WG** = White Gloss
-  **FW** = Flat White
-  **AL** = Almond
-  **BZ** = Bronze Metallic
-  **DG** = Desert Granite
-  **WI** = Weathered Iron
-  **VF** = Verde Speckle
-  **SB** = Sedona Brown
-  **FB** = Flat Black

 All DM path lights come standard with amber, green, blue and frosted filters

The DM includes choice of LED board, riser size, finish, 5 ft. lead wire and Long Slot Spike.

Note: Only the copper portions of the path lights are powder coated. The brass pieces remain natural.

* May require longer lead time
 ** Denotes finish option



The EA produces a soft, efficient LED glow, and was created specifically for those looking for sharp, tight geometric angles. Its sleek look and FX-strong construction make it applicable to an array of path light situations.

EA: Path Light

NUMBER OF LEDS:	1
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4
WATTS USED:	2.0
LUMENS PER WATT (EFFICACY)	19.4
MAX LUMENS:	39
CCT (Ra)	86





EA: Path Light

FACTORY INSTALLED OPTIONS (TOP ASSEMBLY): Order 1 + 2

Step	Description	Code
1	TOP ASSEMBLY	EALERTA
2	TOP FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: **EALERTA-FB** = EA Top Assembly - Flat Black Finish

FACTORY INSTALLED OPTIONS (RISER ASSEMBLY): Order 1 + 2 (optional) + 3 + 4 + 5

Step	Description	Code
1	RISER TYPE	P
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED (50,000 avg. life hours)
4	RISER HEIGHT	8RA, 12RA, 18RA, 24RA, 36RA (in inches)
5	FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

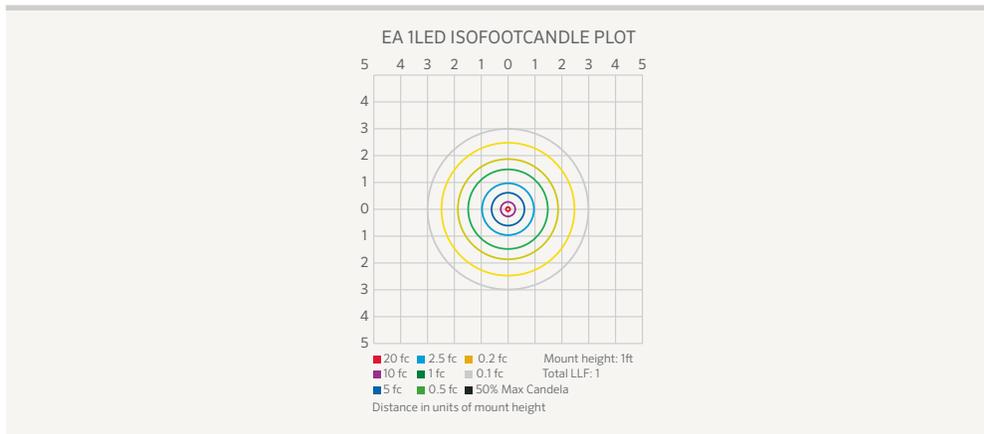
EXAMPLE: **P-ZD-1LED-18RA-FB** = Riser Type - ZD Option - 1 LED Board - 18" Riser - Flat Black Finish

FIELD INSTALLED OPTIONS: Order Individually

Mounting Options	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	
Super Slot Spike (753900) 2" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: **753900** = Super Slot Spike

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS

	AB = Antique Bronze* (On Copper)
	AT = Antique Tumbled* (On Copper)
	CU = Copper
	NP = Nickel Plate*

POWDER COAT

	WG = White Gloss
	FW = Flat White
	AL = Almond
	BZ = Bronze Metallic
	DG = Desert Granite
	WI = Weathered Iron
	VF = Verde Speckle
	SB = Sedona Brown
	FB = Flat Black

All EA path lights come standard with amber, green, blue and frosted filters

The EA includes a 1LED board, choice of riser size and finish, 5 ft. lead wire and Long Slot Spike.

Note: Only the copper portions of the path lights are powder coated. The brass pieces remain natural.

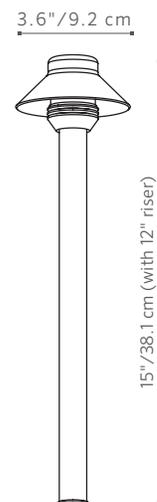
* May require longer lead time
 ** Denotes finish option



The HC offers soft, efficient, and safe lighting solutions for pathways of all shapes, sizes, and locations. With a unique and sleek hat design, durability, and outstanding efficiency, it is the ideal choice for a wide array of path lighting scenarios.

HC: Path Light

NUMBER OF LEDS:	1
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4
WATTS USED:	2.0
LUMENS PER WATT (EFFICACY)	19.4
MAX LUMENS:	39
CCT (Ra)	86





HC: Path Light

FACTORY INSTALLED OPTIONS (TOP ASSEMBLY): Order 1 + 2

Step	Description	Code
1	TOP ASSEMBLY	HCLEDTA
2	TOP FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: **HCLEDTA-AB** = HC Top Assembly - Antique Bronze Finish

FACTORY INSTALLED OPTIONS (RISER ASSEMBLY): Order 1 + 2 (optional) + 3 + 4 + 5

Step	Description	Code
1	RISER TYPE	P
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED (50,000 avg. life hours)
4	RISER HEIGHT	8RA, 12RA, 18RA, 24RA, 36RA (in inches)
5	FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

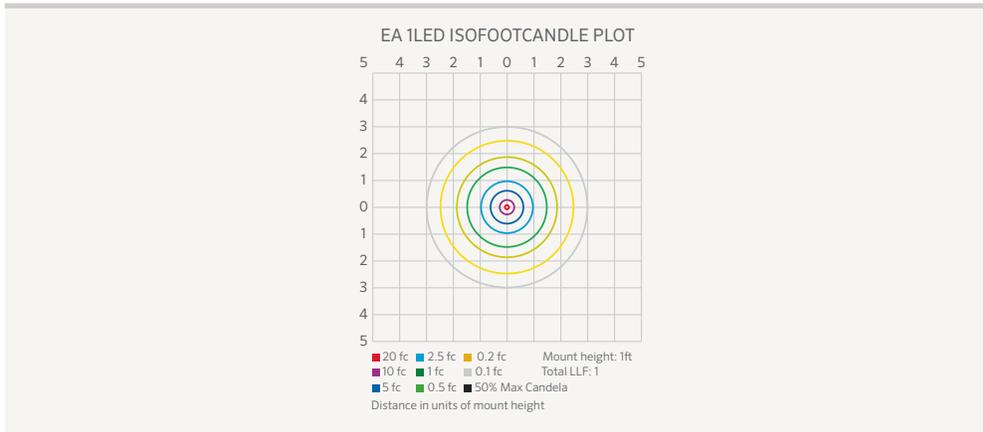
EXAMPLE: **P-ZD-1LED-18RA-AB** = Riser Type - ZD Option - 1 LED Board - 18" Riser - Antique Bronze Finish

FIELD INSTALLED OPTIONS: Order Individually

Mounting Options	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	<p>Long Slot Spike Super Slot Spike Super J-Box XX** Post Mount XX**</p>
Super Slot Spike (753900) 2" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: **SJ-AB** = Super J-Box - Antique Bronze Finish

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS

- AB** = Antique Bronze* (On Copper)
- AT** = Antique Tumbled* (On Copper)
- CU** = Copper
- NP** = Nickel Plate*

POWDER COAT

- WG** = White Gloss
- FW** = Flat White
- AL** = Almond
- BZ** = Bronze Metallic
- DG** = Desert Granite
- WI** = Weathered Iron
- VF** = Verde Speckle
- SB** = Sedona Brown
- FB** = Flat Black

All HC path lights come standard with amber, green, blue and frosted filters

The HC includes a 1LED board, choice of riser size and finish, 5 ft. lead wire and Long Slot Spike.

Note: Only the copper portions of the path lights are powder coated. The brass pieces remain natural.

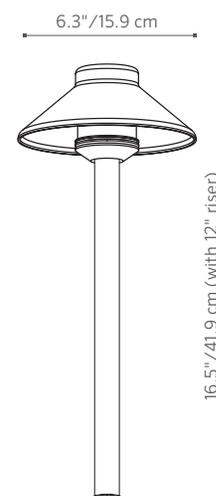
* May require longer lead time
 ** Denotes finish option



The JS is a solid path light built-to-last in the harshest environments and provide efficient illumination. Available in both 1 and 3 LED with the ability to emmit soft light that works for both function and facade, the JS can be the choice path light for a number of applications.

JS: Path Light

NUMBER OF LEDS:	1	3
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt	20 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4	4.5
WATTS USED:	2.0	4.2
LUMENS PER WATT (EFFICACY)	19.4	25
MAX LUMENS:	39	103
CCT (Ra)	86	66.6





JS: Path Light

FACTORY INSTALLED OPTIONS (TOP ASSEMBLY): Order 1 + 2

Step	Description	Code
1	TOP ASSEMBLY	JSLEDTA
2	TOP FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: **JSLEDTA-AB** = JS Top Assembly - Antique Bronze Finish

FACTORY INSTALLED OPTIONS (RISER ASSEMBLY): Order 1 + 2 (optional) + 3 + 4 + 5

Step	Description	Code
1	RISER TYPE	G
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED, 3LED (50,000 avg. life hours)
4	RISER HEIGHT	8RA, 12RA, 18RA, 24RA, 36RA (in inches)
5	FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

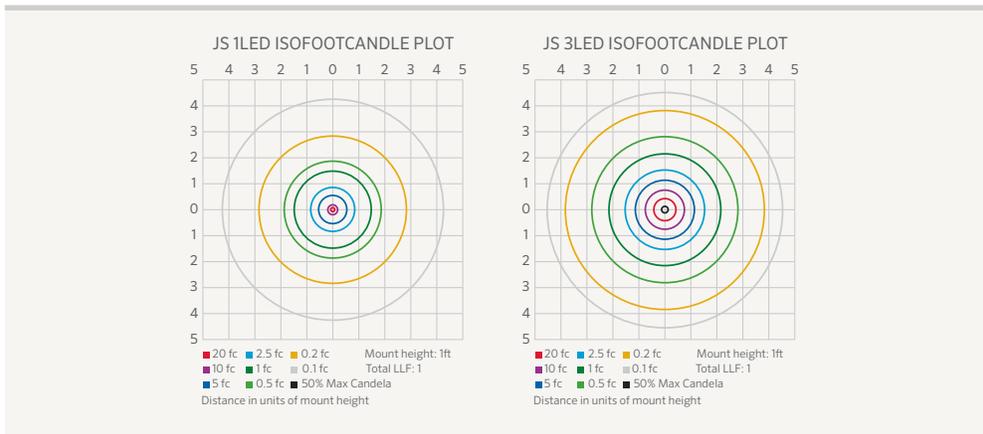
EXAMPLE: **G-ZD-3LED-18RA-AB** = Riser Type - ZD Option - 3 LED Board - 18" Riser - Antique Bronze Finish

FIELD INSTALLED OPTIONS: Order Individually

Mounting Options	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	
Super Slot Spike (753900) 2" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: **7539000** = Super Slot Spike

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS

	AB = Antique Bronze* (On Copper)
	AT = Antique Tumbled* (On Copper)
	CU = Copper
	NP = Nickel Plate*

POWDER COAT

	WG = White Gloss
	FW = Flat White
	AL = Almond
	BZ = Bronze Metallic
	DG = Desert Granite
	WI = Weathered Iron
	VF = Verde Speckle
	SB = Sedona Brown
	FB = Flat Black

All JS path lights come standard with amber, green, blue and frosted filters

The JS includes choice of LED board, riser size and finish, 5 ft. lead wire and Long Slot Spike.

Note: Only the copper portions of the path lights are powder coated. The brass pieces remain natural.

* May require longer lead time
 ** Denotes finish option



In shape, the LED PF is one of the most dynamic and efficient path lights we carry. Its petite size and unique design make it the perfect solution to accentuate delicate paths in a wide variety of landscapes.

PF: Path Light

NUMBER OF LEDS:	1
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4
WATTS USED:	2.0
LUMENS PER WATT (EFFICACY)	19.4
MAX LUMENS:	39
CCT (Ra)	86





PF: Path Light

FACTORY INSTALLED OPTIONS (TOP ASSEMBLY): Order 1 + 2

Step	Description	Code
1	TOP ASSEMBLY	PFLEDTA
2	TOP FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: **PFLEDTA-WI** = PF Top Assembly - Weathered Iron Finish

FACTORY INSTALLED OPTIONS (RISER ASSEMBLY): Order 1 + 2 (optional) + 3 + 4 + 5

Step	Description	Code
1	RISER TYPE	P
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED (50,000 avg. life hours)
4	RISER HEIGHT	8RA, 12RA, 18RA, 24RA, 36RA (in inches)
5	FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

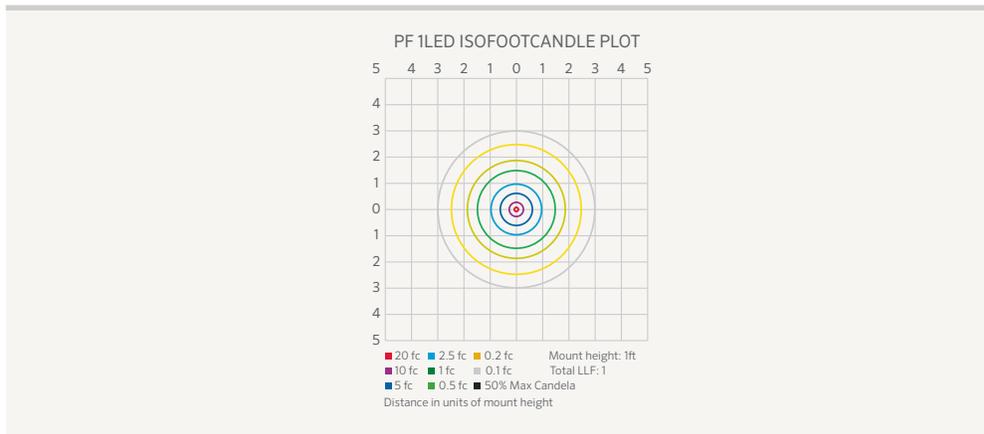
EXAMPLE: **P-ZD-1LED-18RA-WI** = Riser Type - ZD Option - 1 LED Board - 18" Riser - Weathered Iron Finish

FIELD INSTALLED OPTIONS: Order Individually

Mounting Options	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	
Super Slot Spike (753900) 2" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: **7539000** = Super Slot Spike

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
"Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS

	AB = Antique Bronze* (On Copper)
	AT = Antique Tumbled* (On Copper)
	CU = Copper
	NP = Nickel Plate*

POWDER COAT

	WG = White Gloss
	FW = Flat White
	AL = Almond
	BZ = Bronze Metallic
	DG = Desert Granite
	WI = Weathered Iron
	VF = Verde Speckle
	SB = Sedona Brown
	FB = Flat Black

All PF path lights come standard with amber, green, blue and frosted filters

The PF includes a 1LED board, and choice of riser size and finish, 5 ft. lead wire and Long Slot Spike.

Note: Only the copper portions of the path lights are powder coated. The brass pieces remain natural.

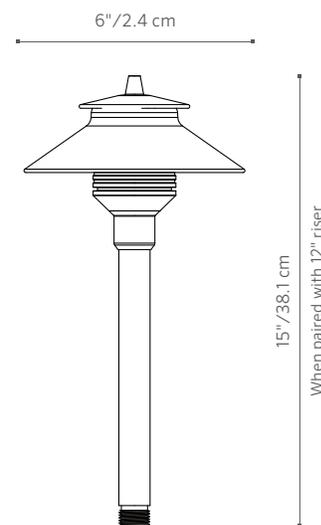
* May require longer lead time
** Denotes finish option



The wider angle of the PL allows broader lighting for larger spaces. It is made of aluminum, and while it may be a lighter-weight construction, it can still be relied on to thoroughly illuminate anything in its path. The aesthetic design of the PL was created to compliment the landscape and add to the overall ambiance.

PL: Path Light

NUMBER OF LEDS:	1	3
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt	20 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V
VA TOTAL: (Use to size the lighting controller)	2.4	4.5
WATTS USED:	2.0	4.2
LUMENS PER WATT (EFFICACY)	15.0	24.8
MAX LUMENS:	27	79
CRI (Ra)	85.1	81.5





PL: Path Light

FACTORY INSTALLED OPTIONS (TOP ASSEMBLY): Order 1 + 2

Step	Description	Code
1	TOP ASSEMBLY	PLLEDTA
2	TOP FINISH	WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: **PLLEDTA-BZ** = PL Top Assembly - Bronze Metallic Finish

FACTORY INSTALLED OPTIONS (RISER ASSEMBLY): Order 1 + 2 (optional) + 3 + 4 + 5

Step	Description	Code
1	RISER TYPE	A
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED, 3LED (50,000 avg. life hours)
4	RISER HEIGHT	8RA, 12RA, 18RA, 24RA, 30RA, 36RA (in inches)
5	FINISH	WG, FW, AL, BZ, DG, WI, VF, SB, FB

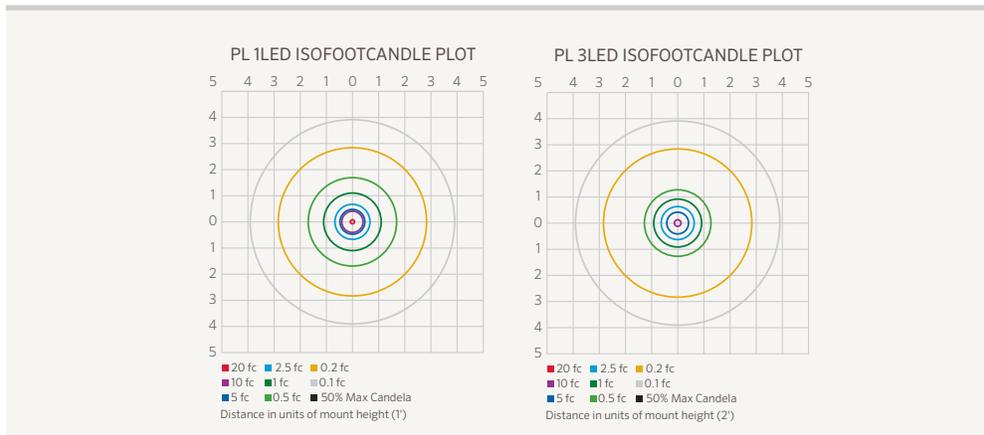
EXAMPLE: **A-ZD-1LED-12RA-BZ** = Riser Type - ZD Option - 1 LED Board - 12" Riser - Bronze Metallic Finish

FIELD INSTALLED OPTIONS: Order Individually

Mounting Options	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	
Super Slot Spike (753900) 2" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: **753900** = Super Slot Spike

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

POWDER COAT

	WG = White Gloss
	FW = Flat White
	AL = Almond
	BZ = Bronze Metallic
	DG = Desert Granite
	WI = Weathered Iron
	VF = Verde Speckle
	SB = Sedona Brown
	FB = Flat Black

All PL path lights come standard with amber, green, blue and frosted filters

The PL includes your choice of 1 or 3LED board, riser size, finish, 5 ft. lead wire and a Long Slot Spike.

** Denotes powder coat finish



The LED PR produces a soft, efficient glow, and is designed specifically for those who prefer soft, rounded shapes as opposed to hard angles. It is especially handy for lighting tight planter areas, side yard, or utility paths.

PR: Path Light

NUMBER OF LEDs:	1
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4
WATTS USED:	2.0
LUMENS PER WATT (EFFICACY)	19.4
MAX LUMENS:	39
CCT (Ra)	86





PR: Path Light

FACTORY INSTALLED OPTIONS (TOP ASSEMBLY): Order 1 + 2

Step	Description	Code
1	TOP ASSEMBLY	PRLEDTA
2	TOP FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: **PRLEDTA-FW** = PR Top Assembly - Flat White Finish

FACTORY INSTALLED OPTIONS (RISER ASSEMBLY): Order 1 + 2 (optional) + 3 + 4 + 5

Step	Description	Code
1	RISER TYPE	P
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED (50,000 avg. life hours)
4	RISER HEIGHT	8RA, 12RA, 18RA, 24RA, 36RA (in inches)
5	FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

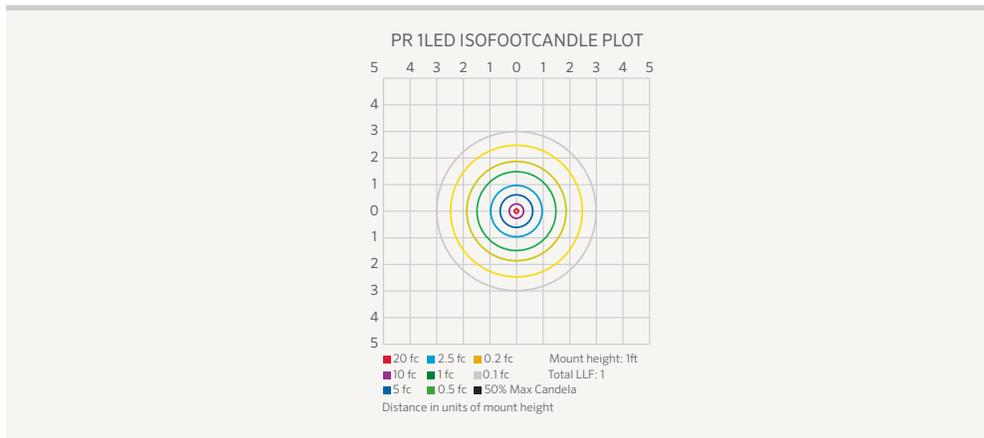
EXAMPLE: **P-ZD-1LED-18RA-FW** = Riser Type - ZD Option - 1 LED Board - 18" Riser - Flat White Finish

FIELD INSTALLED OPTIONS: Order Individually

Mounting Options	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	 Long Slot Spike  Super Slot Spike  Super J-Box XX**  Post Mount XX**
Super Slot Spike (753900) 2" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: **7539000** = Super Slot Spike

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS

-  **AB** = Antique Bronze* (On Copper)
-  **AT** = Antique Tumbled* (On Copper)
-  **CU** = Copper
-  **NP** = Nickel Plate*

POWDER COAT

-  **WG** = White Gloss
-  **FW** = Flat White
-  **AL** = Almond
-  **BZ** = Bronze Metallic
-  **DG** = Desert Granite
-  **WI** = Weathered Iron
-  **VF** = Verde Speckle
-  **SB** = Sedona Brown
-  **FB** = Flat Black

 All PR path lights come standard with amber, green, blue and frosted filters

The PR includes a 1LED board, and choice of riser size and finish, 5 ft. lead wire and Long Slot Spike.

Note: Only the copper portions of the path lights are powder coated. The brass pieces remain natural.

* May require longer lead time

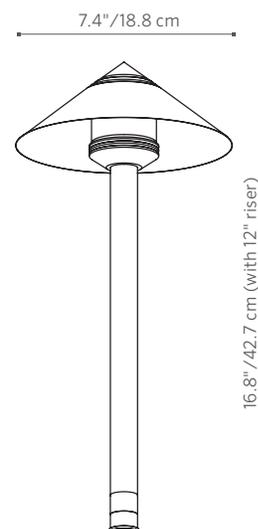
** Denotes finish option



For a fixture that represents confidence and style while still maintaining LED efficiency, the QF is the intelligent choice. With precise machined angles and dominant demeanor, the QF is designed to be seen and appreciated.

QF: Path Light

NUMBER OF LEDS:	1	3
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt	20 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4	4.5
WATTS USED:	2.0	4.2
LUMENS PER WATT (EFFICACY)	19.4	25
MAX LUMENS:	39	103
CCT (Ra)	86	66.6





QF: Path Light

FACTORY INSTALLED OPTIONS (TOP ASSEMBLY): Order 1 + 2

Step	Description	Code
1	TOP ASSEMBLY	QFLEDTA
2	TOP FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: **QFLEDTA-NP** = QF Top Assembly - Nickel Plate Finish

FACTORY INSTALLED OPTIONS (RISER ASSEMBLY): Order 1 + 2 (optional) + 3 + 4 + 5

Step	Description	Code
1	RISER TYPE	G
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED, 3LED (50,000 avg. life hours)
4	RISER HEIGHT	8RA, 12RA, 18RA, 24RA, 36RA (in inches)
5	FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

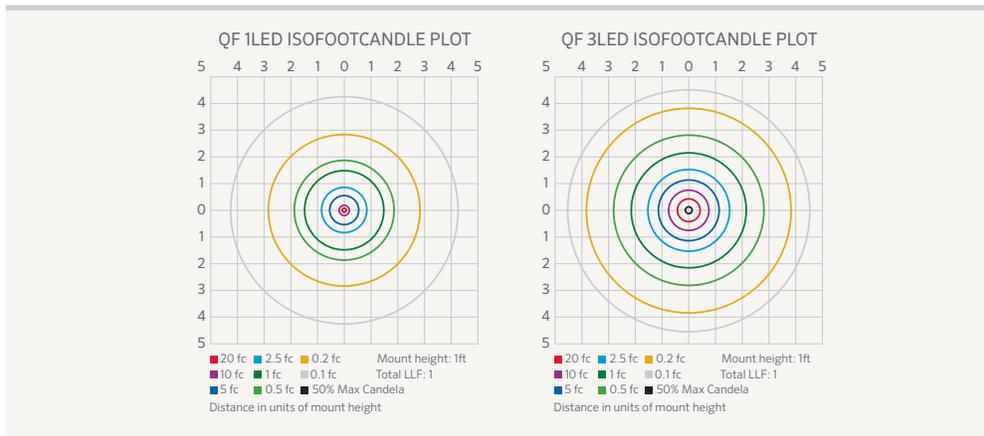
EXAMPLE: **G-ZD-3LED-12RA-NP** = Riser Type - ZD Option - 3 LED Board - 12" Riser - Nickel Plate Finish

FIELD INSTALLED OPTIONS: Order Individually

Mounting Options	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	
Super Slot Spike (753900) 2" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: **7539000** = Super Slot Spike

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS

- AB** = Antique Bronze* (On Copper)
- AT** = Antique Tumbled* (On Copper)
- CU** = Copper
- NP** = Nickel Plate*

POWDER COAT

- WG** = White Gloss
- FW** = Flat White
- AL** = Almond
- BZ** = Bronze Metallic
- DG** = Desert Granite
- WI** = Weathered Iron
- VF** = Verde Speckle
- SB** = Sedona Brown
- FB** = Flat Black

All QF path lights come standard with amber, green, blue and frosted filters

The QF includes choice of LED board, riser size and finish, 5 ft. lead wire and Long Slot Spike.

Note: Only the copper portions of the path lights are powder coated. The brass pieces remain natural.

* May require longer lead time
 ** Denotes finish option



The simple and chic design of the SC melds with any architecture, and can be a timeless element to any landscape. Since its an FX LED fixture, it is built-to-last, and operates with advanced LED efficiency.

SC: Path Light

NUMBER OF LEDs:	1
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4
WATTS USED:	2.0
LUMENS PER WATT (EFFICACY)	19.4
MAX LUMENS:	39
CCT (Ra)	86





SC: Path Light

FACTORY INSTALLED OPTIONS (TOP ASSEMBLY): Order 1 + 2

Step	Description	Code
1	TOP ASSEMBLY	SCLEDTA
2	TOP FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: **SCLEDTA-NP** = SC Top Assembly - Nickel Plate Finish

FACTORY INSTALLED OPTIONS (RISER ASSEMBLY): Order 1 + 2 (optional) + 3 + 4 + 5

Step	Description	Code
1	RISER TYPE	P
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED (50,000 avg. life hours)
4	RISER HEIGHT	8RA, 12RA, 18RA, 24RA, 36RA (in inches)
5	FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

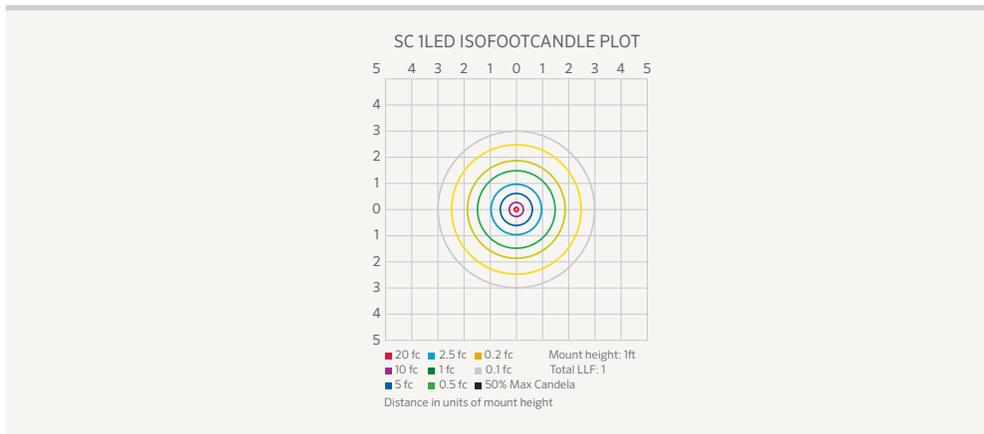
EXAMPLE: **P-ZD-1LED-24RA-NP** = Riser Type - ZD Option - 1 LED Board - 24" Riser - Nickel Plate Finish

FIELD INSTALLED OPTIONS: Order Individually

Mounting Options	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	
Super Slot Spike (753900) 2" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: **7539000** = Super Slot Spike

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS

	AB = Antique Bronze* (On Copper)
	AT = Antique Tumbled* (On Copper)
	CU = Copper
	NP = Nickel Plate*

POWDER COAT

	WG = White Gloss
	FW = Flat White
	AL = Almond
	BZ = Bronze Metallic
	DG = Desert Granite
	WI = Weathered Iron
	VF = Verde Speckle
	SB = Sedona Brown
	FB = Flat Black

All SC path lights come standard with amber, green, blue and frosted filters

The SC includes a 1LED board, and choice of riser size and finish, 5 ft. lead wire and Long Slot Spike.

Note: Only the copper portions of the path lights are powder coated. The brass pieces remain natural.

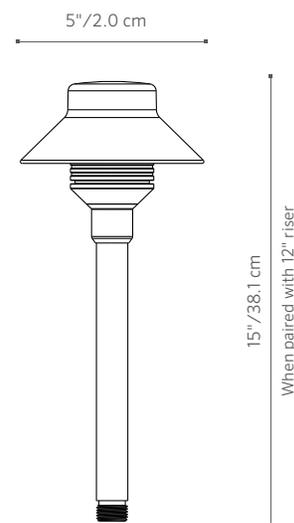
* May require longer lead time
 ** Denotes finish option



Designed for mid-sized landscapes, the TM provides unmatched elegance and function in the aluminum-constructed category. Its small cap provides a stylish presentation, but doesn't compromise on shine. Not only does it accomplish the function of path lighting, it does so with grace and style.

TM: Path Light

NUMBER OF LEDS:	1	3
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt	20 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V
VA TOTAL: (Use to size the lighting controller)	2.4	4.5
WATTS USED:	2.0	4.2
LUMENS PER WATT (EFFICACY)	16.0	23.5
MAX LUMENS:	27	79
CRI (Ra)	84.8	81.6





TM: Path Light

FACTORY INSTALLED OPTIONS (TOP ASSEMBLY): Order 1 + 2

Step	Description	Code
1	TOP ASSEMBLY	TMLEDTA
2	TOP FINISH	WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: **TMLEDTA-SB** = PL Top Assembly - Sedona Brown Finish

FACTORY INSTALLED OPTIONS (RISER ASSEMBLY): Order 1 + 2 (optional) + 3 + 4 + 5

Step	Description	Code
1	RISER TYPE	A
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED, 3LED (50,000 avg. life hours)
4	RISER HEIGHT	8RA, 12RA, 18RA, 24RA, 30RA, 36RA (in inches)
5	FINISH	WG, FW, AL, BZ, DG, WI, VF, SB, FB

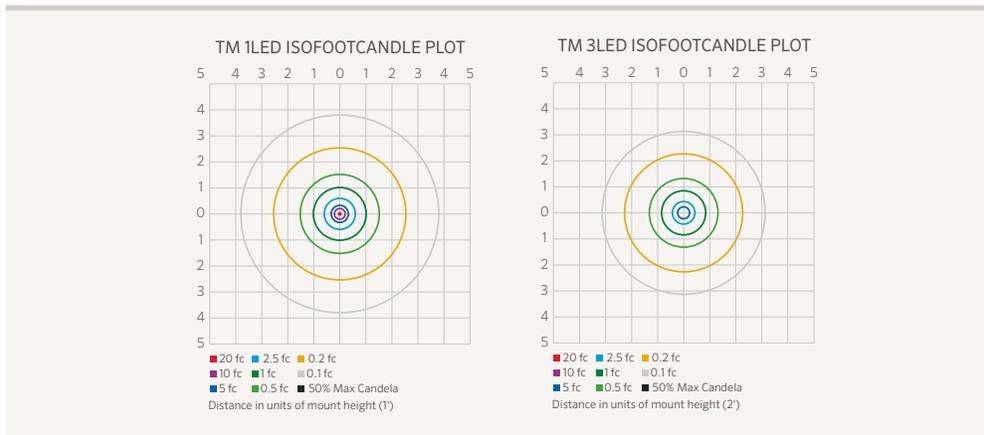
EXAMPLE: **A-ZD-1LED-24RA-SB** = Riser Type - ZD Option - 1 LED Board - 24" Riser - Sedona Brown Finish

FIELD INSTALLED OPTIONS: Order Individually

Mounting Options	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	
Super Slot Spike (753900) 2" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: **753900** = Super Slot Spike

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:

"Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

POWDER COAT

	WG = White Gloss
	FW = Flat White
	AL = Almond
	BZ = Bronze Metallic
	DG = Desert Granite
	WI = Weathered Iron
	VF = Verde Speckle
	SB = Sedona Brown
	FB = Flat Black

All TM path lights come standard with amber, green, blue and frosted filters

The TM includes your choice of 1 or 3LED board, riser size, finish, 5 ft. lead wire and a Long Slot Spike.

* May require longer lead time

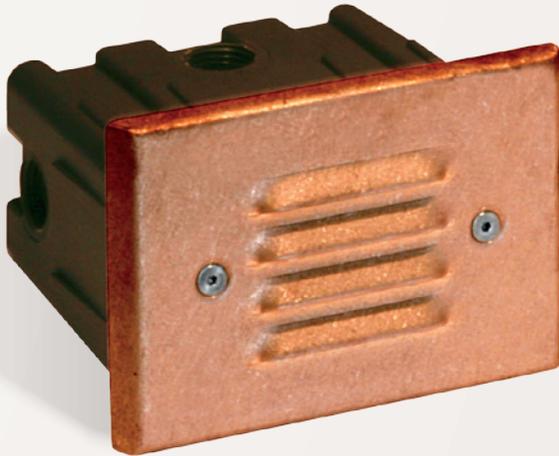
** Denotes powder coat finish

LED WALL LIGHTS

FX LUMINAIRE

The Intersection of Art & Engineering

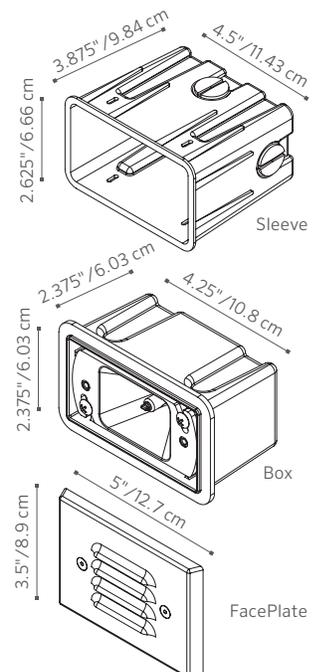




The CP is engineered to bring LED efficiency to walkways, stairways, and decks. In addition, the CP is helpful for lighting areas with potential walking hazards that do not have an adjacent planter area for path lighting, or trees and trellises.

CP: Wall Light

NUMBER OF LEDS:	1
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4
WATTS USED:	2.0
LUMENS PER WATT (EFFICACY)	2.2
MAX LUMENS:	4
CCT (Ra)	79.9





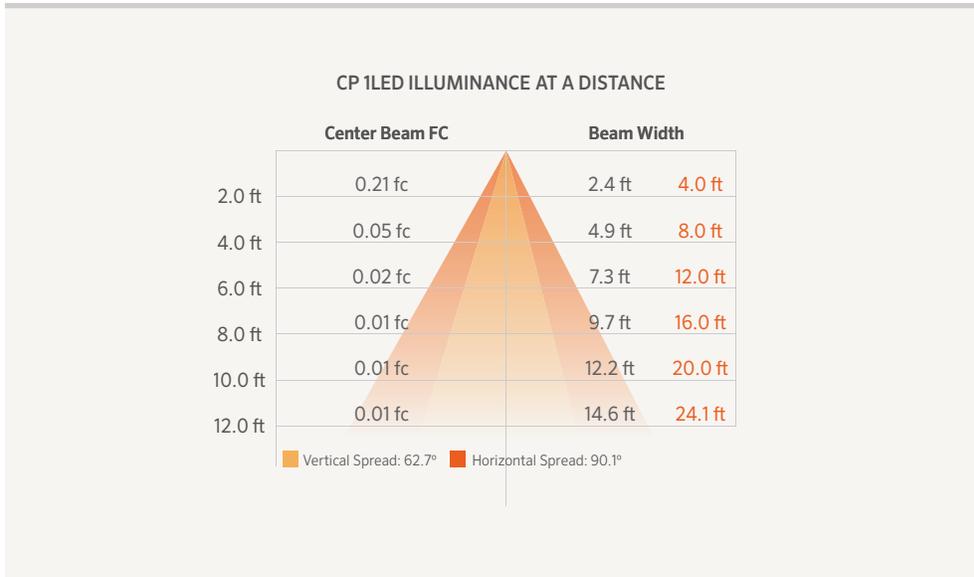
CP: Wall Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 (optional) + 3 + 4

Step	Description	Code
1	FIXTURE	CP
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED (50,000 avg. life hours)
4	FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: CP-ZD-1LED-SB = CP - ZD Option - 1LED Board - Sedona Brown Finish

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS

- AB** = Antique Bronze* (On Copper)
- AT** = Antique Tumbled* (On Copper)
- NP** = Nickel Plate*
- CU** = Copper

POWDER COAT

- WG** = White Gloss
- FW** = Flat White
- AL** = Almond
- BZ** = Bronze Metallic
- DG** = Desert Granite
- WI** = Weathered Iron
- VF** = Verde Speckle
- SB** = Sedona Brown
- FB** = Flat Black

All CP wall lights come standard with amber, and frosted filters

The CP includes a 1LED board, choice of faceplate finish, 10 ft lead wire and mounting sleeve.

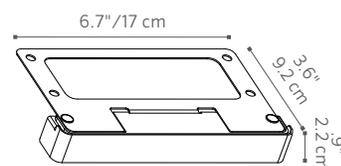
* May require longer lead time



The LF is our LED under-the-cap hardscape wall light. It can easily be fitted between a block wall and capstone for a neat, clean installation. Due to its modular bracket design, the LF can even be installed under railings and existing construction.

LF: Wall Light

NUMBER OF LEDS:	1
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4
WATTS USED:	2.0
LUMENS PER WATT (EFFICACY)	37
MAX LUMENS:	77
CCT (Ra)	81.6





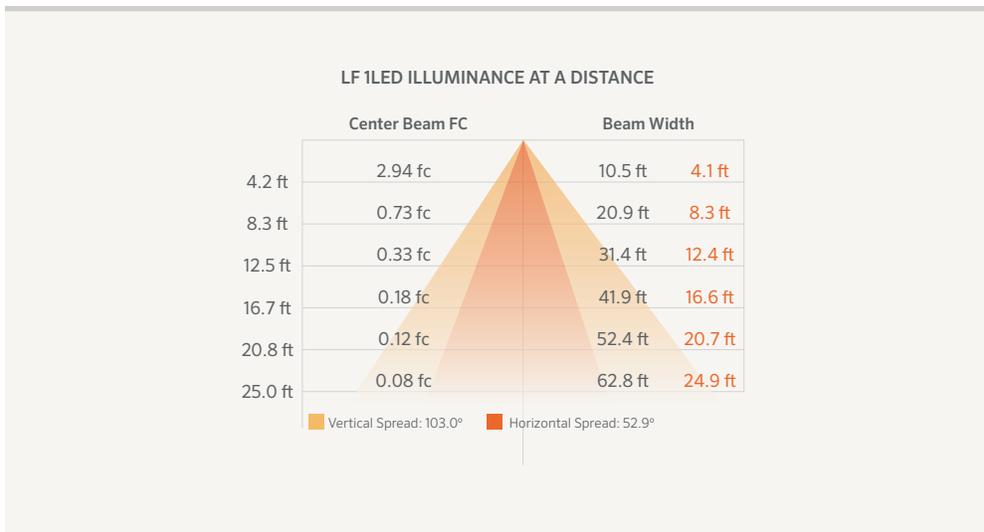
LF: Wall Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 (optional) + 3 + 4

Step	Description	Code
1	FIXTURE	LF
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED (50,000 avg. life hours)
4	FINISH	AB*, AT*, CU, BS, SS, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: LF-ZD-1LED-SS = LF - ZD Option - 1LED Board - Stainless Steel Finish

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS

- AB** = Antique Bronze* (On Copper)
- AB** = Antique Bronze* (On Brass)
- AT** = Antique Tumbled* (On Copper)
- AT** = Antique Tumbled* (On Brass)
- CU** = Copper
- BS** = Natural Brass
- SS** = Stainless Steel

POWDER COAT

- WG** = White Gloss
- FW** = Flat White
- AL** = Almond
- BZ** = Bronze Metallic
- DG** = Desert Granite
- WI** = Weathered Iron
- VF** = Verde Speckle
- SB** = Sedona Brown
- FB** = Flat Black

All LF wall lights come standard with amber, and frosted filters

The LF includes a 1LED board, choice of faceplate finish, 10 ft lead wire.

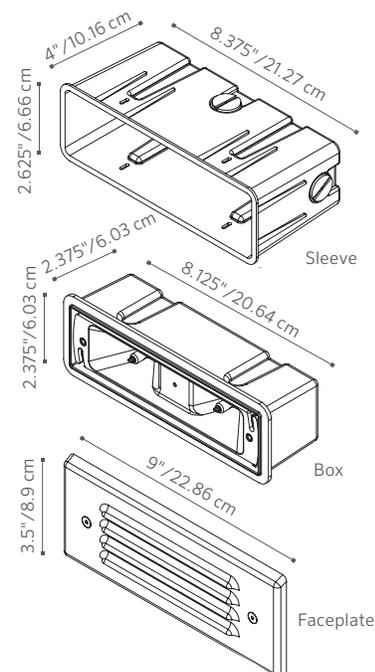
* May require longer lead time



When a lighting project calls for a higher level of LED illumination the LM is here in a 2 LED configuration. To achieve the best effect and utility, install the LM fixture in the wall adjacent to a stairway.

LM: Wall Light

NUMBER OF LEDS:	2
HALOGEN LUMEN OUTPUT EQUIVALENT:	20 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V
VA TOTAL: (Use this number to size the transformer)	4.8
WATTS USED:	4.0
LUMENS PER WATT (EFFICACY)	1.6
MAX LUMENS:	6
CCT (Ra)	81.3





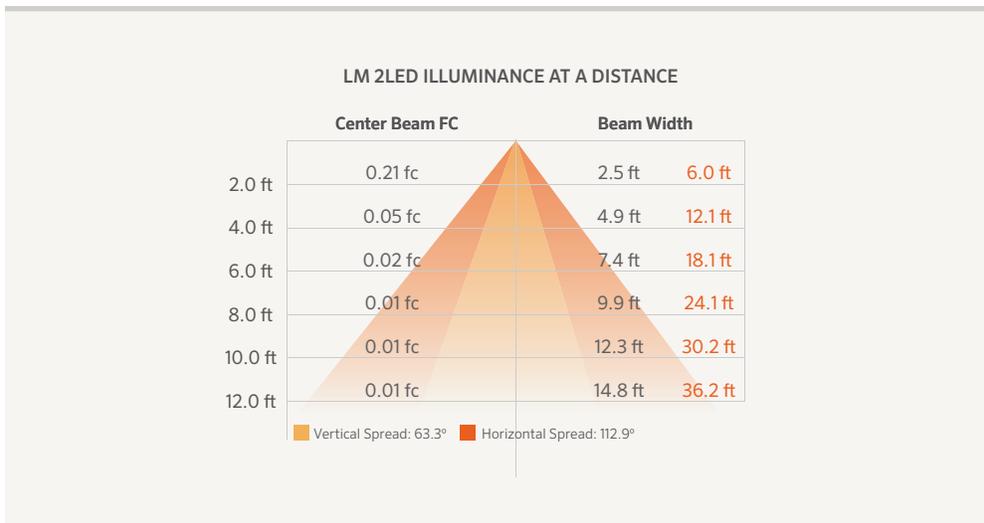
LM: Wall Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 (optional) + 3 + 4

Step	Description	Code
1	FIXTURE	LM
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	2LED (50,000 avg. life hours)
4	FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: LM-ZD-2LED-BZ = LM - ZD Option - Two 1LED Boards - Bronze Metallic Finish

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS

-  **AB** = Antique Bronze* (On Copper)
-  **AT** = Antique Tumbled* (On Copper)
-  **NP** = Nickel Plate*
-  **CU** = Copper

POWDER COAT

-  **WG** = White Gloss
-  **FW** = Flat White
-  **AL** = Almond
-  **BZ** = Bronze Metallic
-  **DG** = Desert Granite
-  **WI** = Weathered Iron
-  **VF** = Verde Speckle
-  **SB** = Sedona Brown
-  **FB** = Flat Black

 All LM wall lights come standard with amber, green, blue and frosted filters

The LM includes two 1LED boards, choice of faceplate finish, 10 ft lead wire and mounting sleeve.

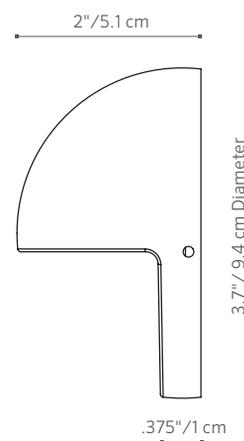
* May require longer lead time



The MS comes to the FX LED line as an immediate favorite thanks to its close relative the MM. The MS takes all the great features of the MM and adds the energy efficiency and long life of LED. Changeable filters and available in Brass or Powder Coat allow you to add glow at night and during the day.

MS: Wall Light

NUMBER OF LEDs:	1
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4
WATTS USED:	2.0
LUMENS PER WATT (EFFICACY)	25
MAX LUMENS:	52
CCT (Ra)	78.5





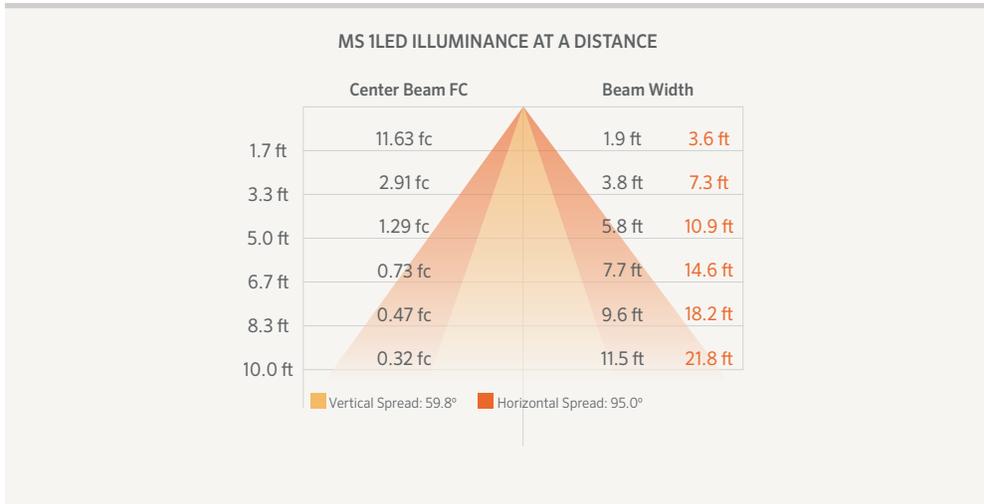
MS: Wall Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 (optional) + 3 + 4

Step	Description	Code
1	FIXTURE	MS
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED (50,000 avg. life hours)
4	FINISH	AB*, AT*, BS, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: MS-ZD-1LED-BZ = MS - ZD Option - 1LED Board - Bronze Metallic Finish

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS

- AB** = Antique Bronze* (On Brass)
- AT** = Antique Tumbled* (On Brass)
- BS** = Natural Brass
- NP** = Nickel Plate*

POWDER COAT

- WG** = White Gloss
- FW** = Flat White
- AL** = Almond
- BZ** = Bronze Metallic
- DG** = Desert Granite
- WI** = Weathered Iron
- VF** = Verde Speckle
- SB** = Sedona Brown
- FB** = Flat Black

All MS wall lights come standard with amber, and frosted filters

The MS includes a 1LED board, choice of finish and 10 ft lead wire.

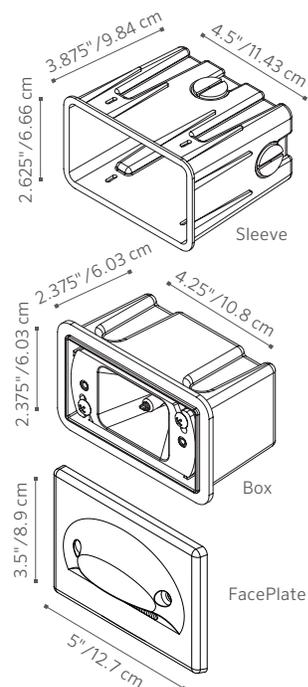
* May require longer lead time



The UN washes walkways with LED efficiency and a shadow-free illumination, which highlights the detail in fine stonework, or the richness of wooden decks. It is available in both brass and composite material for enhanced application flexibility.

UN: Wall Light

NUMBER OF LEDS:	1
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4
WATTS USED:	2.0
LUMENS PER WATT (EFFICACY)	5.5
MAX LUMENS:	11
CCT (Ra)	80.2





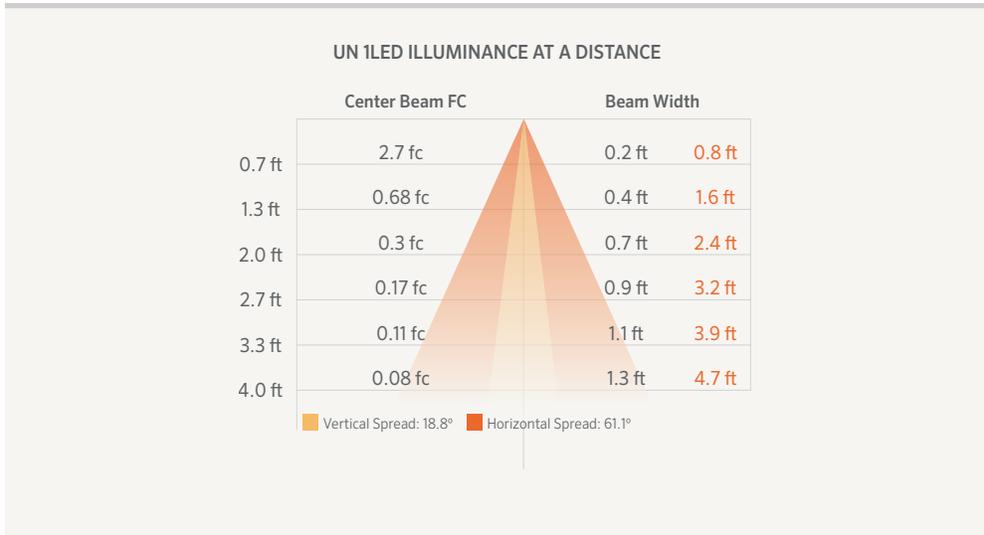
UN: Wall Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 (optional) + 3 + 4

Step	Description	Code
1	FIXTURE	UN
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED (50,000 avg. life hours)
4	FINISH	AB*, AT*, NP*, BS, WG, FW, AL, BZ, DG, WI, VF, SB, FB, DT, CB

EXAMPLE: UN-ZD-1LED-CB = UN - ZD Option - 1LED Board - Camo Bronze Finish

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS

-  **AB** = Antique Bronze* (On Brass)
-  **AT** = Antique Tumbled* (On Copper)
-  **NP** = Nickel Plate*
-  **BS** = Natural Brass

POWDER COAT

-  **WG** = White Gloss
-  **FW** = Flat White
-  **AL** = Almond
-  **BZ** = Bronze Metallic
-  **DG** = Desert Granite
-  **WI** = Weathered Iron
-  **VF** = Verde Speckle
-  **SB** = Sedona Brown
-  **FB** = Flat Black

COMPOSITE

-  **DT** = Desert Tan
-  **CB** = Camo Bronze

 All UN wall lights come standard with amber, and frosted filters

The UN includes a 1LED board, choice of faceplate finish, 10 ft lead wire and mounting sleeve.

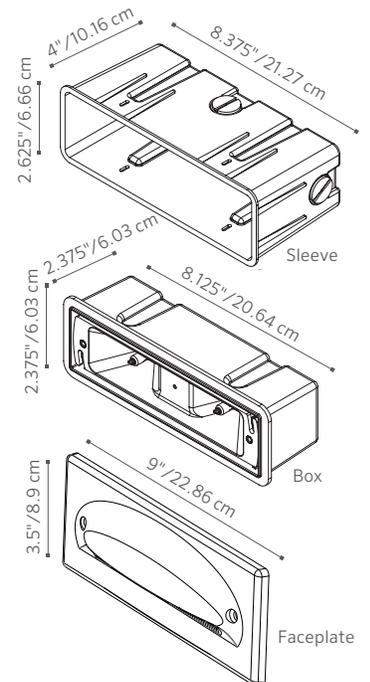
* May require longer lead time



The PD was designed for areas where 1 LED isn't quite enough. The precision of the design assures that the faceplates of these permanently mounted fixtures will remain perfectly level upon completion of any installation.

PD: Wall Light

NUMBER OF LEDS:	2
HALOGEN LUMEN OUTPUT EQUIVALENT:	20 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V
VA TOTAL: (Use this number to size the transformer)	4.8
WATTS USED:	4.0
LUMENS PER WATT (EFFICACY)	6.9
MAX LUMENS:	26
CCT (Ra)	80.1





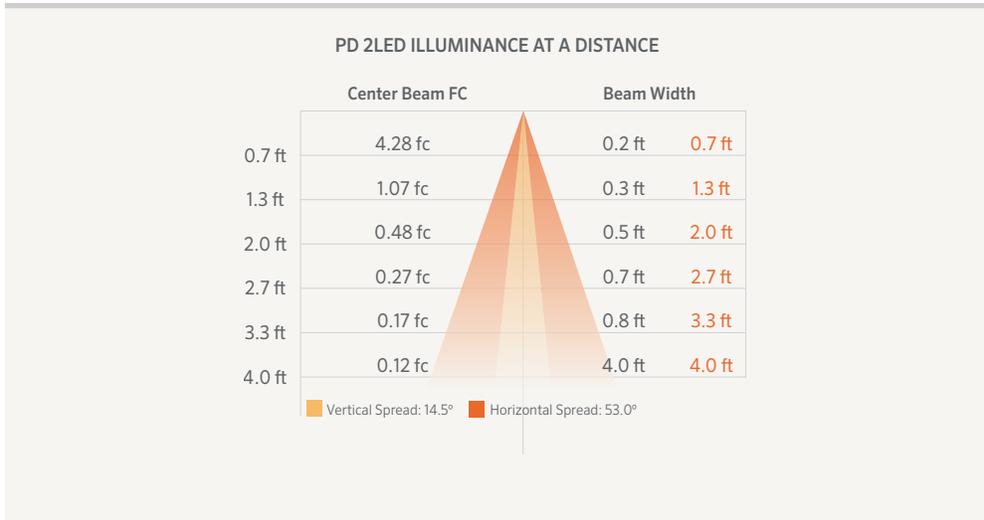
PD: Wall Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 (optional) + 3 + 4

Step	Description	Code
1	FIXTURE	PD
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	2LED (50,000 avg. life hours)
4	FINISH	AB*, AT*, NP*, BS, WG, FW, AL, BZ, DG, WI, VF, SB, FB, DT, CB

EXAMPLE: PD-ZD-2LED-CB = PD - ZD Option - Two 1LED Boards - Camo Bronze Finish

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS

- AB** = Antique Bronze* (On Brass)
- AT** = Antique Tumbled* (On Brass)
- NP** = Nickel Plate*
- BS** = Natural Brass

POWDER COAT

- WG** = White Gloss
- FW** = Flat White
- AL** = Almond
- BZ** = Bronze Metallic
- DG** = Desert Granite
- WI** = Weathered Iron
- VF** = Verde Speckle
- SB** = Sedona Brown
- FB** = Flat Black

COMPOSITE

- DT** = Desert Tan
- CB** = Camo Bronze

All PD wall lights come standard with amber and frosted filters

The PD includes two 1LED boards, choice of faceplate finish, 10 ft lead wire and mounting sleeve.

* May require longer lead time



RD



WW



ST

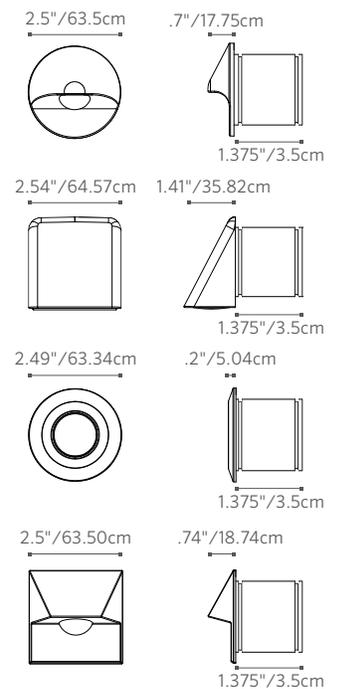


SQ

The design of the PO provides a glare-free illumination that allows guests to transition from space to space in comfort and safety. The LED faceplate design offers different exterior styling as well as light type outputs to match the exact look and function required. The PO is available in four unique shapes for maximum design flexibility.

PO: Wall Lights

NUMBER OF LEDS:	1
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4
WATTS USED:	2.0
LUMENS PER WATT (EFFICACY) (Based on PO-ST)	20
MAX LUMENS: (Based on PO-ST)	39
CCT (Ra) (Based on PO-ST)	80.2



TUBE: 12" x 1.9" / 304.8 x 48.26cm



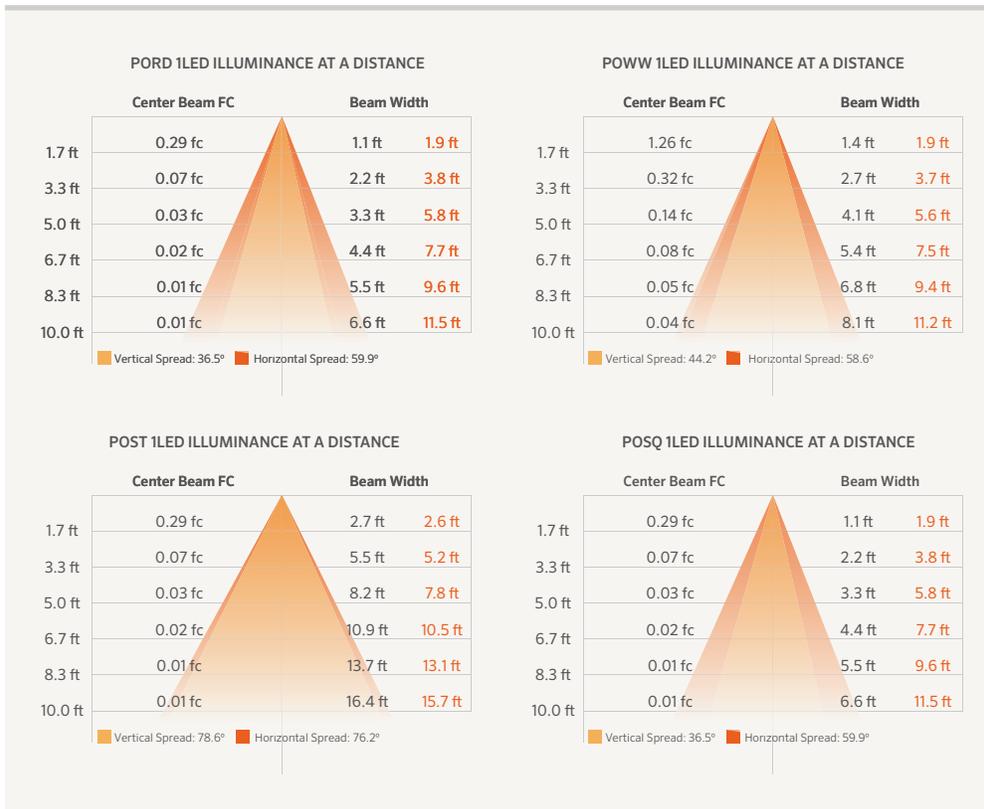
PO: Wall Lights

FACTORY INSTALLED OPTIONS: Order 1 + 2 (optional) + 3 + 4 + 5

Step	Description	Code
1	FIXTURE	PO
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED (50,000 avg. life hours)
4	FACEPLATE	RD (Round), WW (Wide Wedge), ST (Spot), SQ (Square)
5	FINISH	AB*, AT*, NP*, BS, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: PO-ZD-1LED-RD-BZ = PO - ZD Option - 1LED Board - Round Faceplate - Bronze Metallic Finish

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS

- AB** = Antique Bronze* (On Brass)
- AT** = Antique Tumbled* (On Brass)
- NP** = Nickel Plate*
- BS** = Natural Brass

POWDER COAT

- WG** = White Gloss
- FW** = Flat White
- AL** = Almond
- BZ** = Bronze Metallic
- DG** = Desert Granite
- WI** = Weathered Iron
- VF** = Verde Speckle
- SB** = Sedona Brown
- FB** = Flat Black

All PO wall lights come standard with amber, green, blue and frosted filters

The PO includes a 1LED board, choice of faceplate finish, and mounting conduit.

* May require longer lead time



LED DOWN LIGHTS

FX LUMINAIRE

The Intersection of Art & Engineering

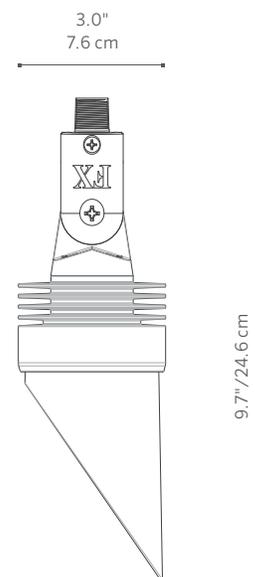




The DE down light was built to help designers create appearance of natural light in complicated areas. It has an array of water protection features to ensure long life. It can handle up to a 9LED and is available in all powder coat colors as well as a wall mount option. It is also available with ZD technology to be compatible with the Luxor ZD Zoning and Dimming Controller.

DE: Down Light

NUMBER OF LEDs:	1	3	6	9
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt	20 Watt	35 Watt	50 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V	10 to 15V	10 to 15V
VA TOTAL: (Use to size the lighting controller)	2.4	4.5	13.5	13.5
WATTS USED:	2.0	4.2	10.1	11.2
LUMENS PER WATT (EFFICACY)	29.3	41.1	31.2	27.9
MAX LUMENS:	59	162	328	334
CRI (Ra)	81.2	79.2	79.4	80.2





DE: Down Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 (optional) + 3 (optional)

Step	Description	Code
1	FIXTURE	DE
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED, 3LED, 6LED, 9LED (50,000 avg. life hours)
4	OPTIONAL MOUNT	WM (Wall mount)
5	FINISH	WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: DE-ZD-3LED-BZ = DE - ZD Option - 3LED Board - Bronze Metallic Finish

FIELD INSTALLED OPTIONS: Order Individually

Mounting Options			
TB (Tree Box, 5.4" x 2.35" x 2.1")		MJ-050 (VersaBox, 2.5" x 2")	
VB-050 (VersaBox, 2.5" x 2")		MJ-050 (Mini J-Box, 3.5" x 2.125" x 1.32")	
	TB-XX**		MJ-050-XX** VB-050-XX**

EXAMPLE: TB-BZ = Tree Box - Bronze Metallic Finish

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

POWDER COAT

	WG = White Gloss
	FW = Flat White
	AL = Almond
	BZ = Bronze Metallic
	DG = Desert Granite
	WI = Weathered Iron
	VF = Verde Speckle
	SB = Sedona Brown
	FB = Flat Black

 All DE down lights come standard with amber, green, blue and frosted filters

The DE includes your choice of LED board, choice of finish, 26 ft. cable

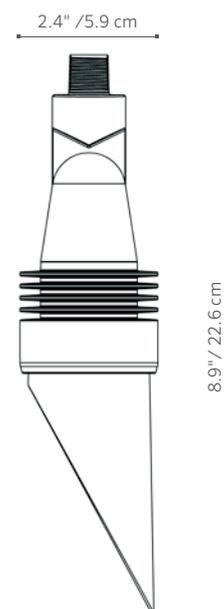
** Denotes finish option



The JB is FX Luminaire's original LED down light. The JB solves the problem of changing lamps in complicated areas by providing long-life LEDs. The pure color of the LED allows you to add the supplied blue lens to create a natural moonlight effect.

JB: Down Light

NUMBER OF LEDs:	1	3
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt	20 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4	4.5
WATTS USED:	2.0	4.2
LUMENS PER WATT (EFFICACY)	23.9	30
MAX LUMENS:	50	127
CCT (Ra)	69.4	66.9





JB: Down Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 (optional) + 3 + 4 (optional) + 5

Step	Description	Code
1	FIXTURE	JB
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED, 3LED (50,000 avg. life hours)
4	OPTIONAL MOUNT	WM (Wall mount)
5	FINISH	WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: JB-ZD-3LED-BZ = JB - ZD Option - 3LED Board - Bronze Metallic Finish

FIELD INSTALLED OPTIONS: Order Individually

Mounting Options			
TB (Tree Box, 5.4" x 2.35" x 2.1")		MJ-050 (Mini J-Box, 3.5" x 2.125" x 1.32")	
VB-050 (VersaBox, 2.5" x 2")			
	TB-XX**	MJ-050-XX**	VB-050-XX**

EXAMPLE: VB-050-BZ = VersaBox - Bronze Metallic Finish

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

POWDER COAT

-  WG = White Gloss
-  FW = Flat White
-  AL = Almond
-  BZ = Bronze Metallic
-  DG = Desert Granite
-  WI = Weathered Iron
-  VF = Verde Speckle
-  SB = Sedona Brown
-  FB = Flat Black

 All JB down lights come standard with amber, green, blue and frosted filters

The JB includes your choice of LED board, finish and 26 ft. lead wire.

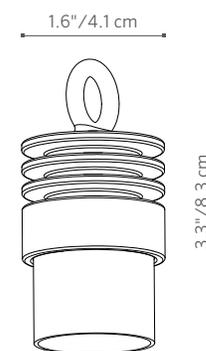
** Denotes finish option



To illuminate a space from above without the need for a large mount a LE can be hung to moonlight areas. Using a hook design, with the included four color filters, illuminate a seating area, under a table umbrella or even from the branch of a tree.

LE: Down Light

NUMBER OF LEDS:	1
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4
WATTS USED:	2.0
LUMENS PER WATT (EFFICACY)	22.6
MAX LUMENS:	55
CCT (Ra)	80.8





LE: Down Light

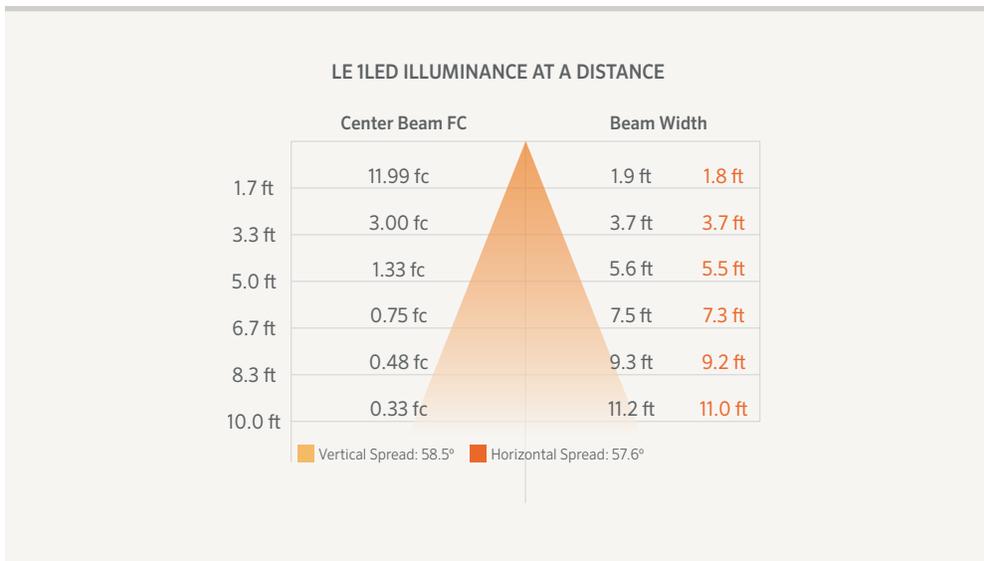
< ALUMINUM

FACTORY INSTALLED OPTIONS: Order 1 + 2 (optional) + 3 + 4

Step	Description	Code
1	FIXTURE	LE
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED (50,000 avg. life hours)
4	FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: LE-ZD-1LED-BZ = LE - ZD Option - 1 LED Board - Bronze Metallic Finish

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS

- AB** = Antique Bronze*
- AT** = Antique Tumbled*
- CU** = Copper
- NP** = Nickel Plate*

POWDER COAT

- WG** = White Gloss
- FW** = Flat White
- AL** = Almond
- BZ** = Bronze Metallic
- DG** = Desert Granite
- WI** = Weathered Iron
- VF** = Verde Speckle
- SB** = Sedona Brown
- FB** = Flat Black

All LE down lights come standard with amber, green, blue and frosted filters

The LE includes a 1LED board, choice of finish, a stainless steel hanging cable and 26 ft. lead wire.

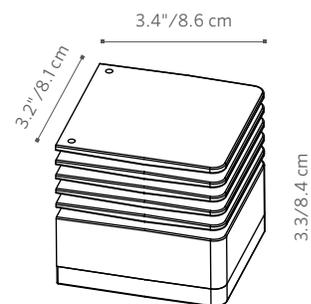
* May require longer lead time



The NL truly represents the next generation of fixed-mount LED down lights. This sidemounting down light is available with a 1, 3, 6 or 9LED board. The NL comes in all of our metal and powder coat finishes and includes a free mounting bracket that allows for tool-free servicing after initial installation.

NL: Down Light

NUMBER OF LEDs:	1	3	6	9
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt	20 Watt	35 Watt	50 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V	10 to 15V	10 to 15V
VA TOTAL: (Use to size the lighting controller)	2.4	4.5	13.5	13.5
WATTS USED:	2.0	4.2	10.1	11.2
LUMENS PER WATT (EFFICACY)	35.8	52.2	43.9	46.9
MAX LUMENS:	66	202	367	398
CRI (Ra)	82.6	80.4	79.7	78.5





NL: Down Light

< COPPER COVER

FACTORY INSTALLED OPTIONS: Order 1 + 2 (optional) + 3 + 4

Step	Description	Code
1	FIXTURE	NL
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED, 3LED, 6LED, 9LED (50,000 avg. life hours)
4	FINISH	AB*, AT*, CU, NP*, BS, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: NL-ZD-3LED-CU-AB = NL - ZD Option - 3LED Board - Antique Bronze Finish on Copper

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS

- CU-AB** = Antique Bronze** (On Copper)
- BS-AB** = Antique Bronze* (On Brass)
- CU-AT** = Antique Tumbled** (On Copper)
- BS-AT** = Antique Tumbled* (On Brass)
- CU** = Copper+
- NP** = Nickel Plate*
- BS** = Natural Brass

POWDER COAT

- WG** = White Gloss
- FW** = Flat White
- AL** = Almond
- BZ** = Bronze Metallic
- DG** = Desert Granite
- WI** = Weathered Iron
- VF** = Verde Speckle
- SB** = Sedona Brown
- FB** = Flat Black



All NL down lights come standard with amber, green, blue and frosted filters

The NL includes your choice of LED boards, choice of finish, 5 ft. lead wire and mounting bracket.

* May require longer lead time



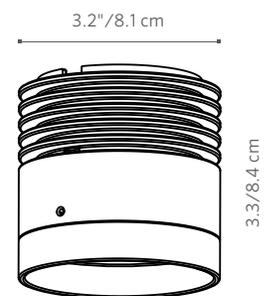
+ Fixture is covered by a copper sleeve



The PS truly represents the next generation of fixed-mount LED down lights. It is meant for top-mounting, and is available with an optional copper cover. It works with 1, 3, 6 or 9LED boards and comes in all of our metal and powder coat finishes. The PS also includes a free mounting bracket that allows for tool-free servicing after initial installation.

PS: Down Light

NUMBER OF LEDs:	1	3	6	9
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt	20 Watt	35 Watt	50 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V	10 to 15V	10 to 15V
VA TOTAL: (Use to size the lighting controller)	2.4	4.5	13.5	13.5
WATTS USED:	2.0	4.2	10.1	11.2
LUMENS PER WATT (EFFICACY)	35.8	52.2	43.9	46.9
MAX LUMENS:	66	202	367	398
CRI (Ra)	82.6	80.4	79.7	78.5





PS: Down Light

< COPPER COVER

FACTORY INSTALLED OPTIONS: Order 1 + 2 (optional) + 3 + 4

Step	Description	Code
1	FIXTURE	PS
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED, 3LED, 6LED, 9LED (50,000 avg. life hours)
4	FINISH	AB*, AT*, CU, NP*, BS, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: PS-ZD-3LED-CU = PS - ZD Option - 3LED Board - Copper Finish

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS

-  **CU-AB** = Antique Bronze⁺⁺ (On Copper)
-  **BS-AB** = Antique Bronze* (On Brass)
-  **CU-AT** = Antique Tumbled^{**} (On Copper)
-  **BS-AT** = Antique Tumbled* (On Brass)
-  **CU** = Copper⁺
-  **NP** = Nickel Plate*
-  **BS** = Natural Brass

POWDER COAT

-  **WG** = White Gloss
-  **FW** = Flat White
-  **AL** = Almond
-  **BZ** = Bronze Metallic
-  **DG** = Desert Granite
-  **WI** = Weathered Iron
-  **VF** = Verde Speckle
-  **SB** = Sedona Brown
-  **FB** = Flat Black

 All PS down lights come standard with amber, green, blue and frosted filters

The PS includes your choice of LED board, choice of finish, 5 ft. lead wire and mounting bracket.

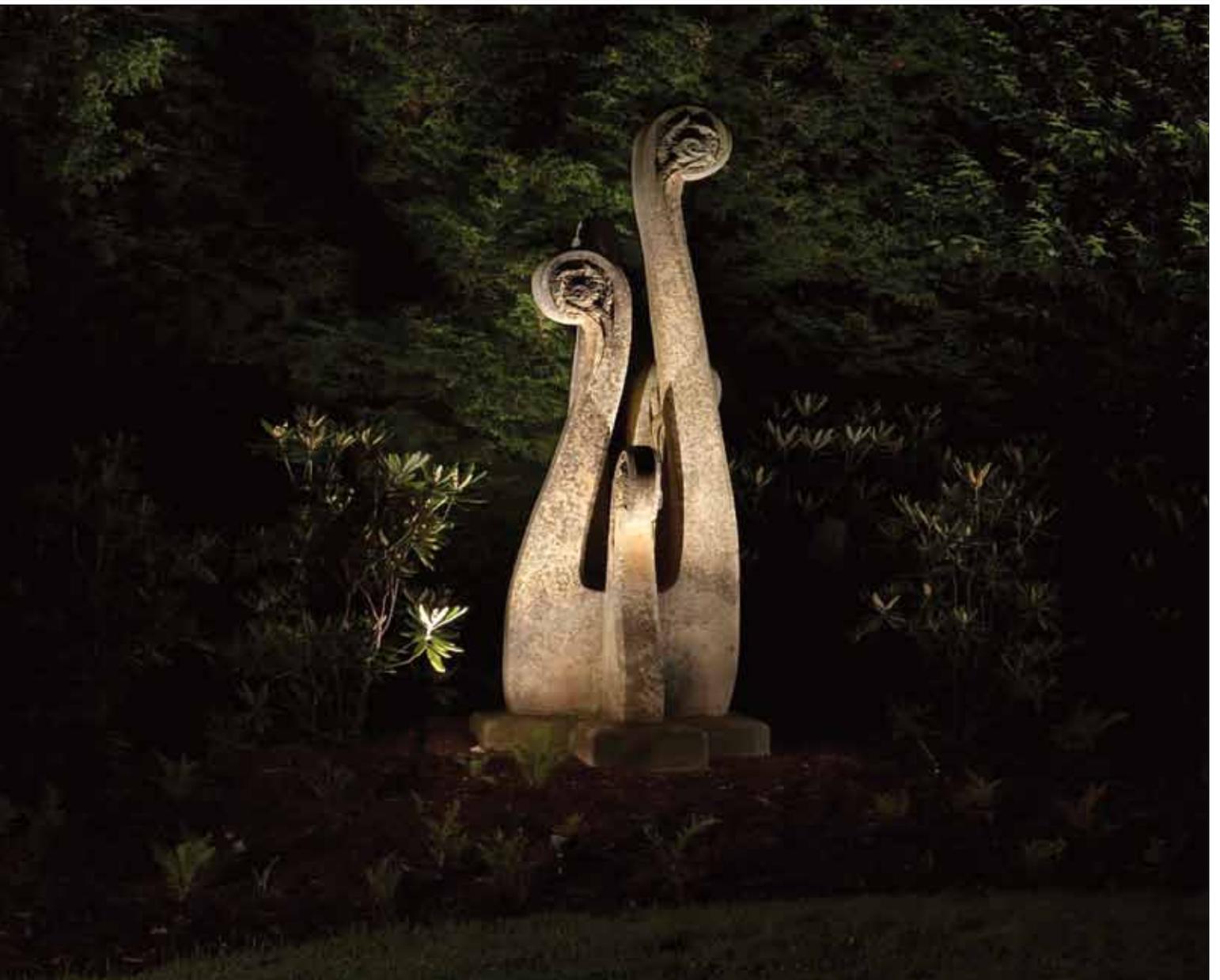
* May require longer lead time

 ⁺ Fixture is covered by a copper sleeve

LED WELL LIGHTS

FX LUMINAIRE

The Intersection of Art & Engineering

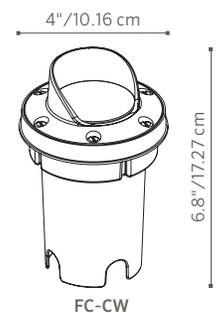
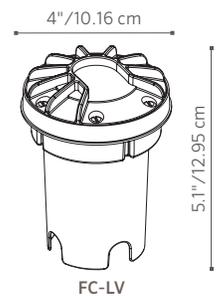
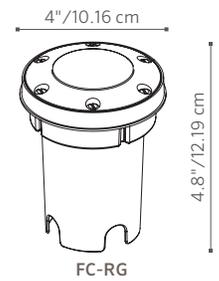




The subterranean FC introduces glare-free controlled illumination into smaller scale spaces. The variety of cowlings and LED options allows the FC to have an answer to most of lighting's pint-size problems.

FC: Well Light

NUMBER OF LEDs:	1	3	6	9
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt	20 Watt	35 Watt	50 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V	10 to 15V	10 to 15V
VA TOTAL: (Use to size the lighting controller)	2.4	4.5	13.5	13.5
WATTS USED:	2.0	4.2	10.1	11.2
LUMENS PER WATT (EFFICACY)	40.2	47.3	36.9	45.5
MAX LUMENS:	78.7	185.1	333.8	418.9
CRI (Ra)	78.8	81.2	78.9	79.7





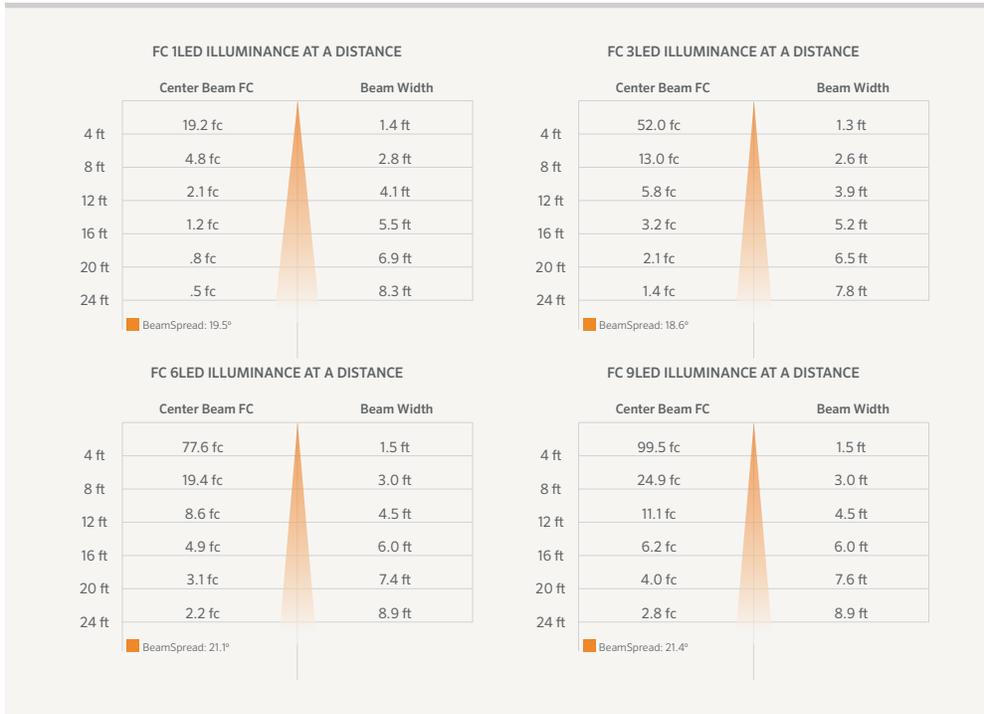
FC: Well Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 (optional) + 3 + 4 + 5

Step	Description	Code
1	FIXTURE	FC
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED, 3LED, 6LED, 9LED (50,000 avg. life hours)
4	GRATES	RG (Ring), CW (Cowling), LV (Louver)
5	FINISH	AB*, AT*, NP*, BS, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: FC-ZD-3LED-CW-FB = FC - ZD Option - 3LED Board - Cowling Grate - Flat Black Finish

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS

-  **AB** = Antique Bronze* (On Brass)
-  **AT** = Antique Tumbled* (On Brass)
-  **NP** = Nickel Plate*
-  **BS** = Natural Brass

POWDER COAT

-  **WG** = White Gloss
-  **FW** = Flat White
-  **AL** = Almond
-  **BZ** = Bronze Metallic
-  **DG** = Desert Granite
-  **WI** = Weathered Iron
-  **VF** = Verde Speckle
-  **SB** = Sedona Brown
-  **FB** = Flat Black

 All FC well lights come standard with amber, green, blue and frosted filters

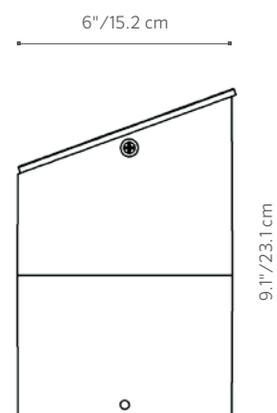
The FC includes your choice of LED board, and choice of finish.



Designed to covertly shine in any landscape, the KG is a metal topped subterranean LED fixture that offers a flat top in a variety of color options. Inside is an LED module that allows for aiming, perfecting the look on any feature or structure through time and growth.

KG: Well Light

NUMBER OF LEDs:	3	6	9
HALOGEN LUMEN OUTPUT EQUIVALENT:	20 Watt	35 Watt	50 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V	10 to 15V
VA TOTAL: (Use to size the lighting controller)	4.5	13.5	13.5
WATTS USED:	4.2	10.1	11.2
LUMENS PER WATT (EFFICACY)	30.4	22.9	27.2
MAX LUMENS:	127	264	320
CRI (Ra)	69.8	66.2	69.1





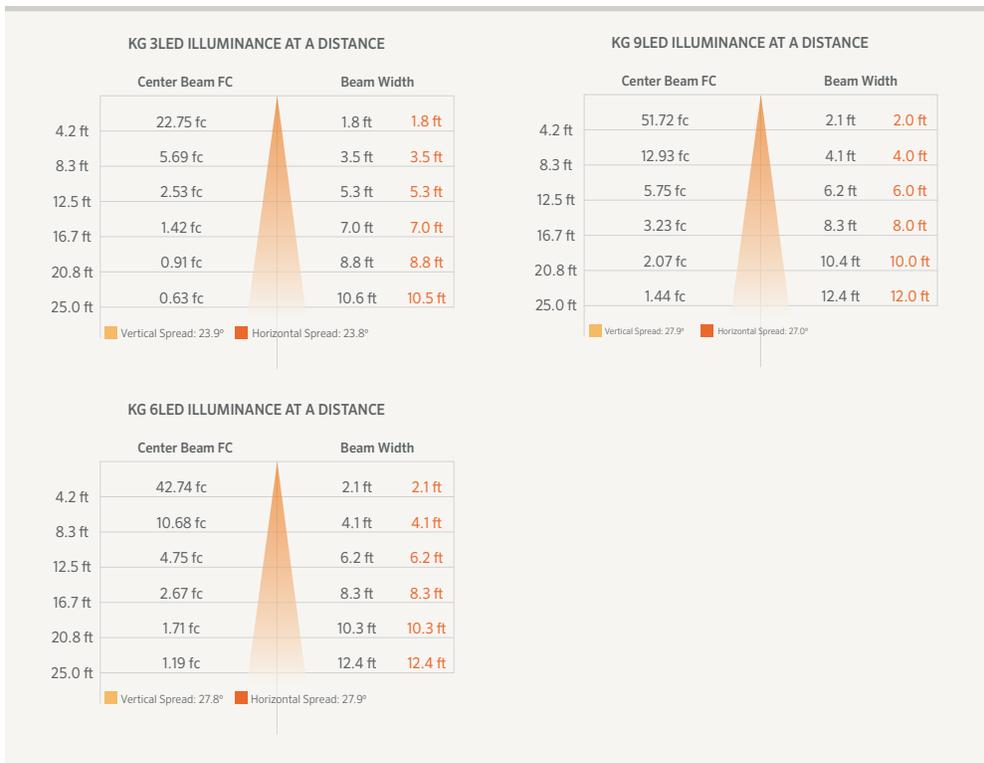
KG: Well Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 (optional) + 3 + 4

Step	Description	Code
1	FIXTURE	KG
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	3LED, 6LED, 9LED (50,000 avg. life hours)
4	FINISH	AB*, AT*, NP*, BS, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: **KG-ZD-3LED-SB** = KG - ZD Option - 3LED Board - Sedona Brown Finish

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS

- AB** = Antique Bronze* (On Brass)
- AT** = Antique Tumbled* (On Brass)
- NP** = Nickel Plate*
- BS** = Natural Brass

POWDER COAT

- WG** = White Gloss
- FW** = Flat White
- AL** = Almond
- BZ** = Bronze Metallic
- DG** = Desert Granite
- WI** = Weathered Iron
- VF** = Verde Speckle
- SB** = Sedona Brown
- FB** = Flat Black

All KG well lights come standard with amber, green, blue and frosted filters

The KG includes your choice of LED board, and finish.



In the ground and above the rest, the PE delivers superior performance combined with LED efficiency. With the LED projector placed on a swivel mount, the light can be positioned exactly to your demands. The low profile visibility allows the PE to hide in even the sparsest landscapes making your lighting feature the focal point.

PE: Well Light

NUMBER OF LEDs:	3	6	9
HALOGEN LUMEN OUTPUT EQUIVALENT:	20 Watt	35 Watt	50 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V	10 to 15V
VA TOTAL: (Use this number to size the transformer)	4.5	13.5	13.5
WATTS USED:	4.2	10.1	11.2
LUMENS PER WATT (EFFICACY)	30.4	22.9	27.2
MAX LUMENS:	127	264	320
CCT (Ra)	69.8	66.2	69.1





PE: Well Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 (optional) + 3 + 4 + 5

Step	Description	Code
1	FIXTURE	PE
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	3LED, 6LED, 9LED (50,000 avg. life hours)
4	GRATES	RG (Ring), CW (Cowling)
5	FINISH	CB

EXAMPLE: PE-ZD-3LED-CW-CB = PE - ZD Option - 3LED Board - Cowling - Camo Bronze Finish

COMPOSITE



CB = Camo Bronze



All PE well lights come standard with amber, green, blue and frosted filters

The PE includes your choice of LED board, Camo Bronze finish and a 5 ft. lead wire.

Note: Composite finishes can not be powder coated

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

LED UNDERWATER LIGHTS

FX LUMINAIRE

The Intersection of Art & Engineering

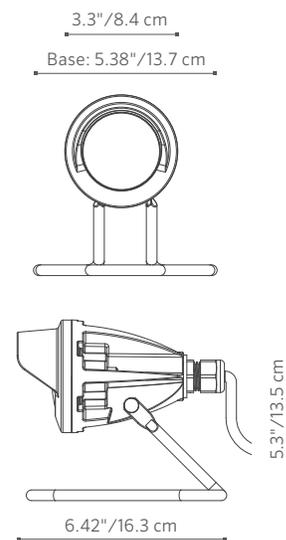




The soothing ambiance created by a landscape water feature can be beautifully enhanced with well designed lighting. The LL produces a powerful light source that can be used to illuminate plants, rocks, fish or a cascading waterfall. Filter options allow you to control shape, color and strength of light output.

LL: Underwater Light

NUMBER OF LEDs:	1	3	6	9
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt	20 Watt	35 Watt	50 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V	10 to 15V	10 to 15V
VA TOTAL: (Use to size the lighting controller)	2.4	4.5	13.5	13.5
WATTS USED:	2.0	4.2	10.1	11.2
LUMENS PER WATT (EFFICACY)	25.4	31	31.8	31.1
MAX LUMENS:	-	133	282	378
CRI (Ra)	68.5	67.9	80.2	67.5





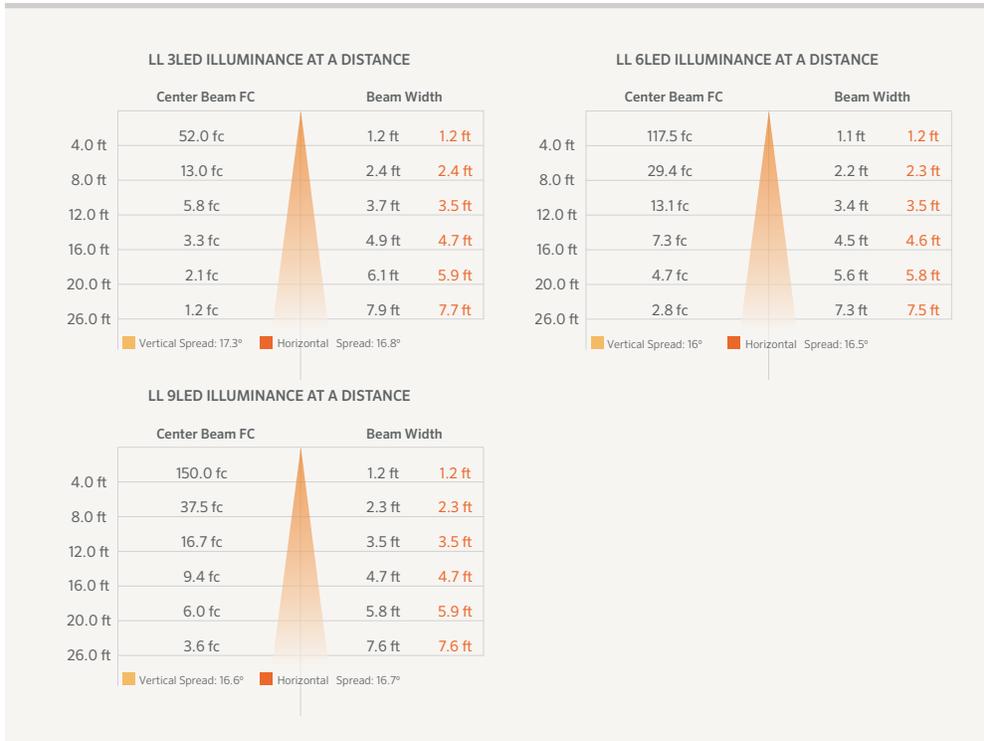
LL: Underwater Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 (optional) + 3 + 4

Step	Description	Code
1	FIXTURE	LL
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	3LED, 6LED, 9LED (50,000 avg. life hours)
4	FINISH	BS

EXAMPLE: LL-ZD-1LED-BS = LL - ZD Option - 1LED Board - Brass Finish

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL Luminaires:
 "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

METALS



BS = Natural Brass



All LL underwater lights come standard with amber, green, blue and frosted filters

The LL includes choice of LED boards, 30 ft cable, and Natural Brass finish.

UP LIGHTS

FX LUMINAIRE

The Intersection of Art & Engineering



CM-10, CM-20



FOR SMALL SCALE GARDEN ELEMENTS

Use this warm, Xenon lamp source to enhance earth tones or create an intimate atmosphere.

This precision lighting fixture is a fine example of engineering for simplicity and reliability. Through the innovative use of an O-ring hydraulic compression cap seal, the potentially troublesome threads and screws found in other spotlights are eliminated.

The CM is constructed without compromise using aerospace grade alloys and silicone seals.

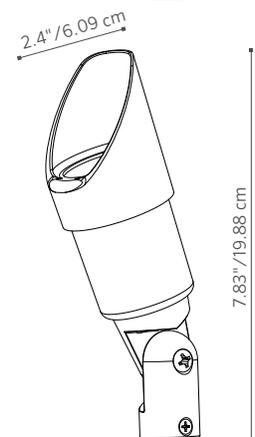
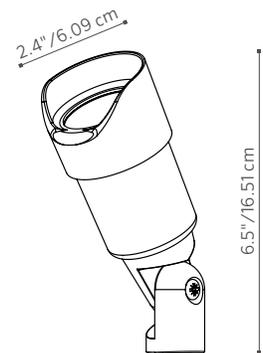
We have engineered a white reflector to soften the output, thereby allowing the designer to get the benefits of the small, low voltage components, without overpowering the space with light.



FX Family of Up Lights:

When your client's needs dictate the lowest maintenance, highest performance components, specify FX Luminaire up lights. These rugged and innovative luminaires are made of the very finest aerospace alloys to prevent premature product failure caused by corrosion. All cast components are hand polished before powdercoat to ensure a smooth lustrous finish. Every FX Luminaire diecast component is made in-house using the latest in computer assisted mold process control.

Note: This fixture is designed for up lighting only.



ORDERING INFORMATION



CM: Up Light

< LONG SHIELD

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 (optional) + 4

FIXTURE CODE	LAMP CODE	SHIELD OPTIONS	FINISH OPTIONS
1 CM	2 10 (10,000 avg. life hours)	3 LS (Long Shield)	4 XX
	20 (5,000 avg. life hours)		(see options to right)

The CM includes your choice of Xenon lamp, clear or frosted lens (specify F after wattage, EX: CM-20-F-SB), and choice of powdercoat finish. All CM up lights come standard with the Super Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually

GLARE CONTROL	LENSES/FILTERS	MOUNTS
Hex Baffle (250015260000)	Frosted (250015170000)	Super Slot Spike (753900) 2" x 10" Included ▼
Recessor Ring (RRMR16)	Spread (250013550000)	Long Slot Spike (250015840000) 2.5" x 10"
	Solite Spread (250015240000)	SuperJ-Box (SJ-XX**) 2.5" x 12"
	Dichroic Peach (250015230000)	Post Mount (PM-XX**) 2.5" x 13"
	Dichroic Blue (250015200000)	
	Dichroic Green (250015210000)	
	Dichroic Red (250015220000)	
	Light Blue (250015190000)	
	Light Green (250015180000)	

POWDERCOAT

	WG = White Gloss
	FW = Flat White
	AL = Almond
	BZ = Bronze Metallic
	DG = Desert Granite
	WI = Weathered Iron
	VF = Verde Speckle
	SB = Sedona Brown
	FB = Flat Black

** Denotes powdercoat finish

EXAMPLE: **CM-20-LS-SB** = CM - 20 W Halogen - Long Shield - Sedona Brown Finish
250015240000 = Solite Spread Lens

CR-10, CR-20

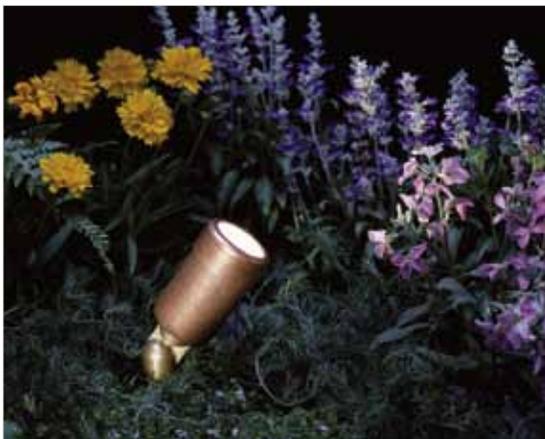


THE FINEST SMALL SCALE UP LIGHT

The FX Luminaire CR fills the need for a more subtle light source.

We have engineered a white reflector to soften the output providing the benefit of the long life of a halogen without overpowering the space with light. The bi-pin lamp in the CR provides a mellow, even neutral light output.

This luminaire is an excellent choice for shadowing or back-lighting small plants. When used with the clear lens positioned 8-12" from a stucco wall, the CR will produce its signature elliptical scallop light pattern. This elegant technique is effective even without plants in the foreground because it breaks up the static lines of an otherwise plain straight wall.

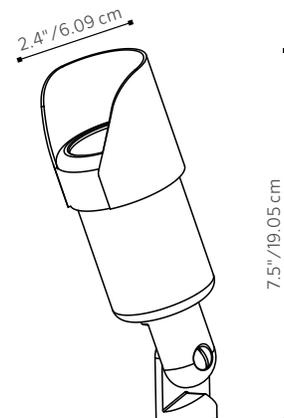
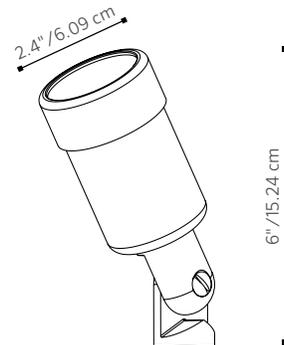


Long-Term Contribution

Milled from solid copper and brass the CR is engineered to make a long term contribution to any fine project. Specify on winery chateaux, resorts or residential projects where the owner values products that are built for the ages.

Compare FX copper luminaires with any other, and you will find a dramatic difference in quality of materials, precision of fit and consistency of finish.

Note: This fixture is designed for up lighting only.



ORDERING INFORMATION



CR: Up Light

< GLARE SHIELD

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 (optional) + 4

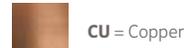
FIXTURE CODE	LAMP CODE	SHIELD OPTIONS	FINISH OPTIONS
1 CR	2 10 (10,000 Hr Xenon)	3 GS (Glare Shield)	4 XX (see options to right)
	20 (5,000 Hr Xenon)		
	10H (2,000 Hr Halogen)		
	20H (2,000 Hr Halogen)		

The CR includes your choice of Xenon or Halogen lamp, clear lens and copper finish. All CR up lights come standard with the Super Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually

GLARE CONTROL CODE	LENS CODE	MOUNTING OPTIONS
Hex Baffle (250015260000)	Frosted (250015170000)	Super Slot Spike (753900) 2" x 10" Included ▼
Recessor Ring (RRMR16)	Spread (250013550000)	Long Slot Spike (250015840000) 2.5" x 10"
	Solite Spread (250015240000)	SuperJ-Box (SJ-XX**) 2.5" x 12"
	Dichroic Peach (250015230000)	Post Mount (PM-XX**) 2.5" x 13"
	Dichroic Blue (250015200000)	   
	Dichroic Green (250015210000)	
	Dichroic Red (250015220000)	
	Light Blue (250015190000)	
	Light Green (250015180000)	

METALS



CU = Copper



NP = Nickel Plate

** Denotes powdercoat finish

EXAMPLE: **CR-20H-GS-NP** = CR - 20 W Halogen - Glare Shield - Nickel Plate Finish
250015260000 = Hex Baffle

LO-20, LO-35, LO-50



FINE SOLID BRASS CONSTRUCTION

Our premiere up light luminaire is built to last a lifetime but priced for the value-conscious project owner. Milled from solid billet brass, this is the best choice for applications such as island resorts or beachside homes that demand extreme durability and high performance. A wide range of filters and glare control devices allows the lighting designer to shape the beam for precise light painting of any fine exterior.

FX has taken the semi-precious metal brass and created a clean distinctive form that incorporates exclusive beam control and light shaping options. Silicone O-ring seals create a watertight enclosure allowing the designer to use the LO as an up light or down light.

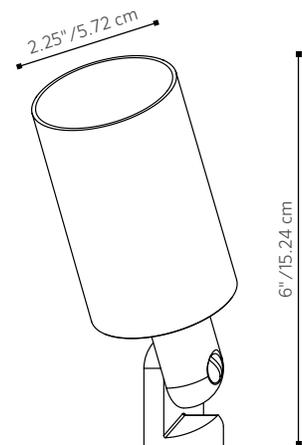
The LO will accommodate 28 different lamps ranging from 20-50 Watts with a variety of beam spreads.



Years of Strength

Brass has been the material of choice for nautical hardware metal smiths for centuries. Old World craftsmen appreciated the unique qualities of brass such as the ability to incorporate fine mechanical detail, its resistance to corrosion, even in the most hostile environments, and the ease with which brass can be restored to a high polish if desired.

Note: This fixture is designed for up lighting only.



ORDERING INFORMATION



LO: Up Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

FIXTURE CODE	LAMP CODE [†]			FINISH OPTIONS
1 LO	2 10N (12k)	35V (5k)	50V (10k)	3 XX (see options to right)
	10 (12k)	35N (5k)	50N (5k)	
	20V (5k)	35N-10k	50N-10k	
	20 (5k)	35 (5k)	50 (5k)	
	20-10k	35-10k	50-10k	
	20-12k	35-18k	50-18k	
	20W (5k)	50V (5k)	50W (5k)	

[†] Beam Angle: V = Very narrow (12°) N = Narrow (21-24°) W = Wide (60°) No initial = Standard (36°)
Average Lamp Life (hrs): 5k (5000) 10k (10,000) 12k (12,000) 18k (18,000)

The LO includes your choice of Halogen MR-16 lamp, clear lens and brass finish. All LO up lights come standard with the Super Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

METALS



FIELD INSTALLED OPTIONS: Order Individually

GLARE CONTROL CODE	LENS CODE	MOUNTING OPTIONS
Hex Baffle (250015260000)	Frosted (250015170000)	Super Slot Spike (753900) 2" x 10" Included ▼
Recessor Ring (RRMR16)	Spread (250013550000)	Long Slot Spike (250015840000) 2.5" x 10"
	Solite Spread (250015240000)	SuperJ-Box (SJ-XX**) 2.5" x 12"
	Dichroic Peach (250015230000)	Post Mount (PM-XX**) 2.5" x 13"
	Dichroic Blue (250015200000)	
	Dichroic Green (250015210000)	
	Dichroic Red (250015220000)	
	Light Blue (250015190000)	
	Light Green (250015180000)	

** Denotes powdercoat finish

EXAMPLE: LO-20-NP = LO - 20 W Halogen - Nickel Plate Finish
250015240000 = Solite Spread Lens
SJ-NP = Super J-Box - Nickel Plate Finish

NOTE: For photometric chart, see chart for Halogen MR-16 in the last section of the Resource Guide

LR-20, LR-35, LR-50



THE FINEST UP LIGHT YOU CAN SPECIFY

Engineered for the client that wants to make a long-term investment in their garden, the LR is without peer. This rugged micro luminaire provides the power and control of the halogen MR-16 lamp family. Through the innovative use of an O-ring hydraulic compression cap seal, the potentially troublesome threads and screws found in other spotlights are eliminated.

The LR is constructed without any compromise using 100% non-ferrous alloys and silicone seals. The LR accommodates 28 different lamps ranging from 10-50 Watts with a variety of beam spreads.

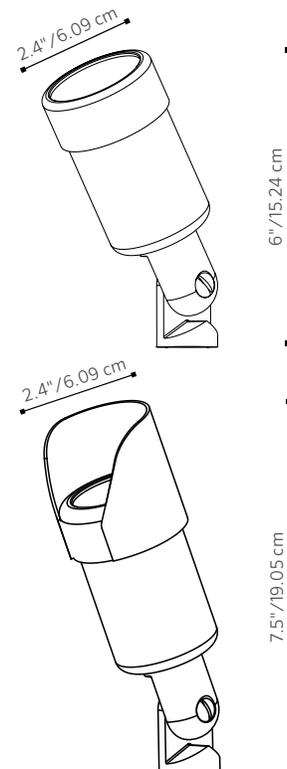


Innovative Solutions

Any spotlight's durability and reliability can be determined by the integrity of two key components. First are the moisture seals - if water penetrates the fixture housing socket then lamp failure will occur. Second is the long term integrity of the knuckle joint. The LR's innovative solution solves both challenges and provides your clients trouble-free ownership.

Compare FX copper luminaires with any other, and you will find a dramatic difference in quality of materials, precision of fit and consistency of finish.

Note: This fixture is designed for up lighting only.



ORDERING INFORMATION



LR: Up Light

< GLARE SHIELD

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 (optional) + 4

FIXTURE CODE	LAMP CODE*			SHIELD OPTIONS	FINISH OPTIONS
1 LR	2 10N (12k)	35V (5k)	50V (10k)	3 GS (Glare shield)	4 XX
	10 (12k)	35N (5k)	50N (5k)		(see options to right)
	20V (5k)	35N-10k	50N-10k		
	20 (5k)	35 (5k)	50 (5k)		
	20-10k	35-10k	50-10k		
	20-12k	35-18k	50-18k		
	20W (5k)	50V (5k)	50W (5k)		

* Beam Angle: V = Very narrow (12°) N = Narrow (21-24°) W = Wide (60°) No initial = Standard (36°)
Average Lamp Life (hrs): 5k (5000) 10k (10,000) 12k (12,000) 18k (18,000)

The LR includes your choice of Halogen MR-16 lamp, clear lens and copper finish. All LR up lights come standard with the Super Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

METALS



FIELD INSTALLED OPTIONS: Order Individually

GLARE CONTROL CODE	LENS CODE	MOUNTING OPTIONS
Hex Baffle (250015260000)	Frosted (250015170000)	Super Slot Spike (753900) 2" x 10" Included ▼
Recessor Ring (RRMR16)	Spread (250013550000)	Long Slot Spike (250015840000) 2.5" x 10"
	Solite Spread (250015240000)	SuperJ-Box (SJ-XX**) 2.5" x 12"
	Dichroic Peach (250015230000)	Post Mount (PM-XX**) 2.5" x 13"
	Dichroic Blue (250015200000)	
	Dichroic Green (250015210000)	
	Dichroic Red (250015220000)	
	Light Blue (250015190000)	
	Light Green (250015180000)	

** Denotes powdercoat finish

EXAMPLE: LR-20-CU = LR - 20 W Halogen - Copper Finish
250015210000 = Dichroic Green Lens
PM-BS = Natural Brass Finish

NOTE: For photometric chart, see chart for Halogen MR-16 in the last section of the Resource Guide

MP-20



SMALL PACKAGE, TOUGH ATTITUDE

The MP is constructed without compromise using aerospace grade alloys and silicone seals. This smaller version of our other up lights expands our line of luminaires, allowing the lighting designer to find an FX solution to most exterior lighting tasks.

This super small luminaire is an excellent choice for illuminating small garden elements such as shrubs, boulders and cactus.

The MP also has room for one lens insert. Choose from frosted for maximum diffusion or a color lens such as the peach or blue to shift color tones to enhance your desired effect.

Compare our up lights with any other and you will see whose quality of materials, precision of fit and consistency of finishing stands out above the rest.

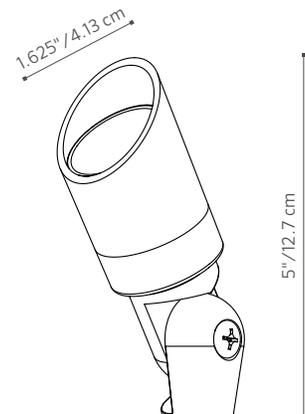


The Finest Materials

All FX Luminaire diecast components are made in-house using the latest in computer assisted mold process control. We also use the very finest aerospace alloys to prevent premature product failure caused by corrosion.

All cast components are hand buffed before powdercoat to ensure a smooth lustrous finish. When your client's needs dictate the lowest maintenance, highest performance components, specify FX Luminaire.

Note: This fixture is designed for up lighting only.



ORDERING INFORMATION



MP: Up Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

FIXTURE CODE	LAMP CODE	FINISH OPTIONS
1 MP	2 20 (36° beam, 2,000 Hrs Halogen)	3 XX (see options to right)

The MP includes a 20 watt Halogen MR-11 lamp, clear lens, Super Slot Spike and choice of powdercoat finish. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually

GLARE CONTROL	LENSES/FILTERS	MOUNTS
Hex Baffle (250015260000)	Frosted (250015170000)	Super Slot Spike (753900) 2" x 10" Included ▾
	Dichroic Peach (250015230000)	Long Slot Spike (250015840000) 2.5" x 10"
	Dichroic Blue (250015200000)	SuperJ-Box (SJ-XX**) 2.5" x 12"
		Post Mount (PM-XX**) 2.5" x 13"
		 Super Slot Spike  Long Slot Spike  Super J-Box XX**  Post Mount XX**

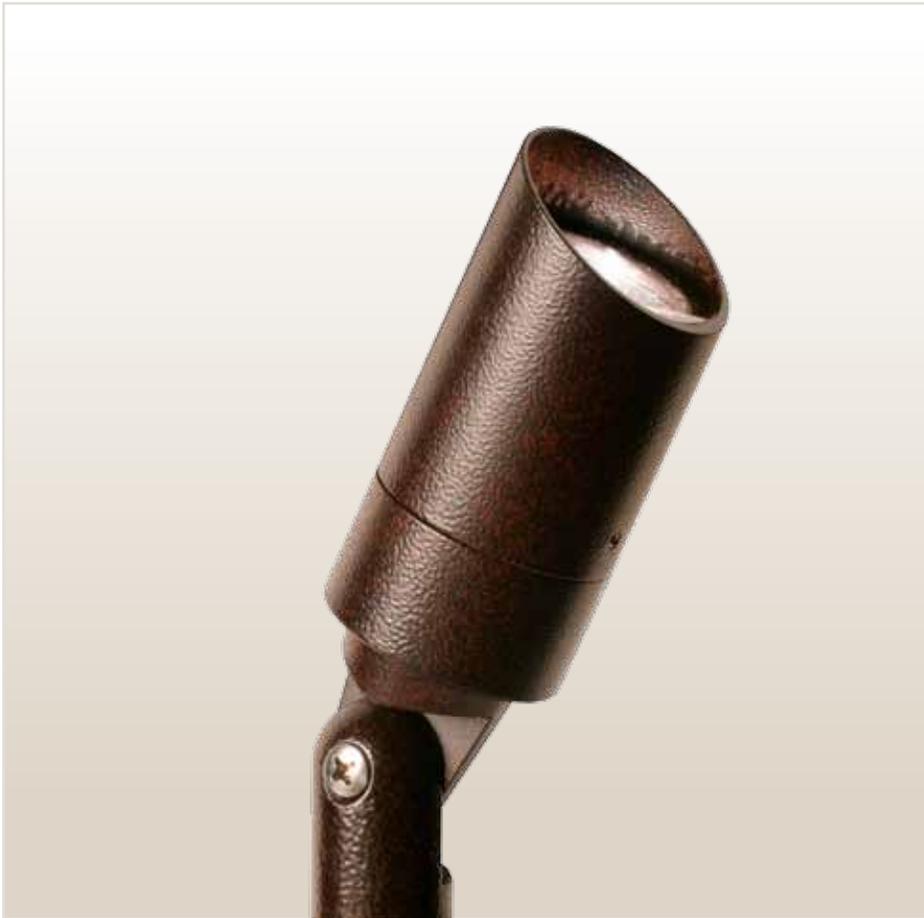
EXAMPLE: **MP-20-BZ** = MP - 20 W Halogen - Bronze Metallic Finish
250015170000 = Frosted Lens
LSS = Long Slot Spike

POWDERCOAT

	WG = White Gloss
	FW = Flat White
	AL = Almond
	BZ = Bronze Metallic
	DG = Desert Granite
	WI = Weathered Iron
	VF = Verde Speckle
	SB = Sedona Brown
	FB = Flat Black

** Denotes powdercoat finish

MU-20, MU-35, MU-50



THE MOST VERSATILE LIGHT AVAILABLE

The MU is one of the most versatile spotlights on the market and is the perfect choice for the discriminating landscape designer. The MU can be mounted as an up light or down light and is the new standard for advanced users.

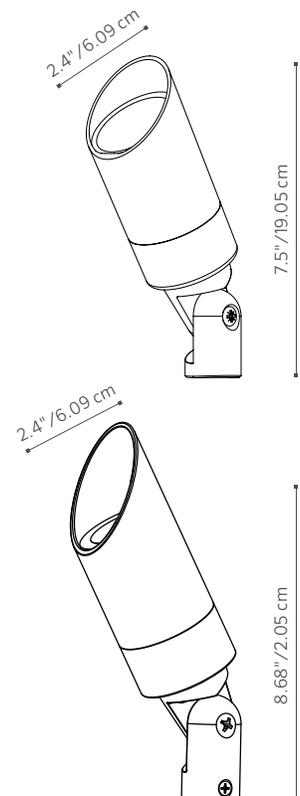
It offers several different filter and accessory options that allow the designer to shape, color shift, and control light output. A wide variety of effects can be produced by adding our RecessorRing®, Hex Baffle® or one of our many filters, spread lens or glare control options.

This spotlight is engineered for the lighting designer who takes a “hands-on” approach to each project.



A Versatile Solution

The MU provides the versatility and reliability discerning designers require when selecting an up light. With the the filter and and accessory options factored in, the MU becomes the ultimate incandescent choice for a variety of applications.



ORDERING INFORMATION



MU: Up Light

< LONG SHIELD

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 (optional) + 4

FIXTURE CODE	LAMP CODE*	SHIELD OPTIONS	FINISH OPTIONS
1 MU	2 10N (12k) 35V (5k) 50V (10k) 10 (12k) 35N (5k) 50N (5k) 20V (5k) 35N-10k 50N-10k 20 (5k) 35 (5k) 50 (5k) 20-10k 35-10k 50-10k 20-12k 35-18k 50-18k 20W (5k) 50V (5k) 50W (5k)	3 LS (Long shield)	4 XX <i>(see options to right)</i>

* Beam Angle: V = Very narrow (12°) N = Narrow (21-24°) W = Wide (60°) No initial = Standard (36°)
Average Lamp Life (hrs): 5k (5000) 10k (10,000) 12k (12,000) 18k (18,000)

The MU includes your choice of Halogen MR-16 lamp, clear lens, and choice of powdercoat finish. All MU up lights come standard with the Super Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually

GLARE CONTROL	LENSES/FILTERS	MOUNTS
Hex Baffle (250015260000)	Frosted (250015170000)	Super Slot Spike (753900) 2" x 10" Included ▼
Recessor Ring (RRMR16)	Spread (250013550000)	Long Slot Spike (250015840000) 2.5" x 10"
	Solite Spread (250015240000)	SuperJ-Box (SJ-XX**) 2.5" x 12"
	Dichroic Peach (250015230000)	Post Mount (PM-XX**) 2.5" x 13"
	Dichroic Blue (250015200000)	
	Dichroic Green (250015210000)	
	Dichroic Red (250015220000)	
	Light Blue (250015190000)	
	Light Green (250015180000)	

EXAMPLE: MU-20-10k-LS-FB = MU - 20 W Halogen/10,000 Hrs - Long Shield - Flat Black Finish
RRMR16 = ReccessorRing
PM-BZ = Post Mount - Bronze Metallic

NOTE: For photometric chart, see chart for Halogen MR-16 in the last section of the Resource Guide

POWDERCOAT

	WG = White Gloss
	FW = Flat White
	AL = Almond
	BZ = Bronze Metallic
	DG = Desert Granite
	WI = Weathered Iron
	VF = Verde Speckle
	SB = Sedona Brown
	FB = Flat Black

** Denotes powdercoat finish

RL-10, RL-20



SOFT LIGHT, STRONG LUMINAIRE

When trying to create a super soft washlight there are very few well engineered products for today's lighting designer. The RL is specifically designed to gently illuminate small scale plant material, boulders, and short garden walls. This halogen lamp model produces a high-efficiency white light. The xenon lamp has a mellow golden light output for enriching earth tone elements.

At FX, we engineer fixtures from the inside out. Our use of semi precious metals, aerospace sealants and materials is without peer. This commitment to excellence provides your client with decades of problem-free ownership.

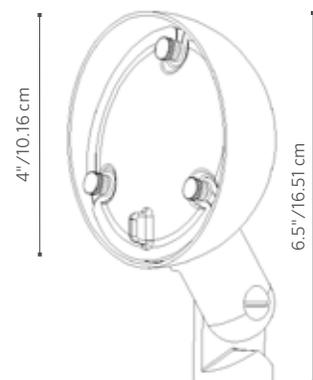
Compare FX copper luminaires with any other, and you will find a dramatic difference in quality of materials, precision of fit and consistency of finish.



Lighting effects with the RL

To wall wash with the RL, the fixtures should be installed 12-18" from the base of the wall, 6-8' on center thereby creating an even illumination. This technique is very efficient because it highlights the wall and then reflects a soft, glare-free ambient glow onto the surrounding area. When spotlights are placed behind plant material or a garden element and aimed at an adjacent wall to create a backdrop, it allows the viewer to enjoy the silhouette form of the object only. This technique is useful when trying to showcase very dense plantings that have a unique structure.

Note: This fixture is designed for up lighting only.



ORDERING INFORMATION



RL: Up Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

FIXTURE CODE	LAMP CODE	FINISH OPTIONS
1 RL	2 10 (10,000 Hr Xenon)	3 XX (see options to right)
	20 (5,000 Hr Xenon)	
	10H (2,000 Hr Halogen)	
	20H (2,000 Hr Halogen)	

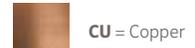
The RL includes your choice of Xenon or Halogen lamp, frosted lens and choice of finish. All RL up lights come standard with the Super Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS	Super Slot Spike	Long Slot Spike	Super J-Box XX**	Post Mount XX**
Super Slot Spike (753900) 2" x 10" Included ▶				
Long Slot Spike (250015840000) 2.5" x 10"				
SuperJ-Box (SJ-XX**) 2.5" x 12"				
Post Mount (PM-XX**) 2.5" x 13"				

EXAMPLE: **RL-20H-DG** = RL - 20 W Halogen - Desert Granite Finish
LSS = Long Slot Spike

METALS



POWDERCOAT



* May require longer lead time

** Denotes powdercoat finish

RS-20, RS-35, RS-50



MULTIPLE LIGHTING POSSIBILITIES

The RS is a rugged micro luminaire that provides the power and control of the halogen MR-16 lamp family. This precision lighting instrument is a fine example of engineering for simplicity and reliability. Through the use of an O-ring hydraulic compression cap seal, the potentially troublesome threads and screws found in other spotlights are eliminated.

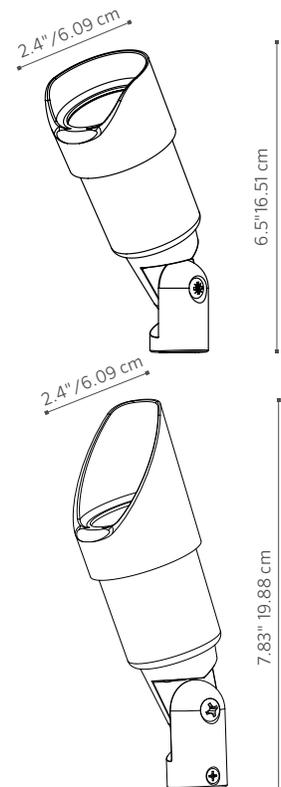
The RS is constructed without compromise using aerospace grade alloys and silicone seals. Because of its high efficiency, beam control, color rendition and availability, the MR-16 lamp family was chosen to power this luminaire.



A Designer Favorite

With this broad range of illuminating possibilities the lighting designer can find an FX solution for most exterior lighting tasks.

Note: This fixture is designed for up lighting only.



ORDERING INFORMATION



RS: Up Light

< LONG SHIELD

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 (optional) + 4

FIXTURE CODE	LAMP CODE*			SHIELD OPTIONS	FINISH OPTIONS
1 RS	2 10N (12k)	35V (5k)	50V (10k)	3 LS (Long shield)	4 XX
	10 (12k)	35N (5k)	50N (5k)		(see options to right)
	20V (5k)	35N-10k	50N-10k		
	20 (5k)	35 (5k)	50 (5k)		
	20-10k	35-10k	50-10k		
	20-12k	35-18k	50-18k		
	20W (5k)	50V (5k)	50W (5k)		

* Beam Angle: V = Very narrow (12°) N = Narrow (21-24°) W = Wide (60°) No initial = Standard (36°)
Average Lamp Life (hrs): 5k (5000) 10k (10,000) 12k (12,000) 18k (18,000)

The RS includes your choice of Halogen MR-16 lamp, clear or frosted lens (specify F after wattage, EX: RS-20V-F-SB), and choice of powdercoat finish. All RS up lights come standard with the Super Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually

GLARE CONTROL CODE	LENS CODE	MOUNTING OPTIONS
Hex Baffle (250015260000)	Frosted (250015170000)	Super Slot Spike (753900) 2" x 10" Included ▼
Recessor Ring (RRMR16)	Spread (250013550000)	Long Slot Spike (250015840000) 2.5" x 10"
	Solite Spread (250015240000)	SuperJ-Box (SJ-XX**) 2.5" x 12"
	Dichroic Peach (250015230000)	Post Mount (PM-XX**) 2.5" x 13"
	Dichroic Blue (250015200000)	
	Dichroic Green (250015210000)	
	Dichroic Red (250015220000)	
	Light Blue (250015190000)	
	Light Green (250015180000)	

EXAMPLE: RS-20-LS-SB = RS - 20 W Halogen - Long Shield - Sedona Brown Finish
250015220000 = Dichroic Red Lens
PM-SB = Post Mount - Sedona Brown Finish

NOTE: For photometric chart, see chart for Halogen MR-16 in the last section of the Resource Guide

POWDERCOAT

	WG = White Gloss
	FW = Flat White
	AL = Almond
	BZ = Bronze Metallic
	DG = Desert Granite
	WI = Weathered Iron
	VF = Verde Speckle
	SB = Sedona Brown
	FB = Flat Black

** Denotes powdercoat finish

SI-10, SI-15, SI-20



SOFT DIFFUSE HALOGEN ILLUMINATION

The SI fills the niche of the occasional need for a more subtle light source.

We have engineered a white reflector to soften the output providing the benefit of the long life of a halogen without overpowering the space with light. The bi-pin lamp in the SI provides an even, neutral color.

This luminaire is an excellent choice for subtly illuminating small elements in residential courtyards or intimate seating areas.

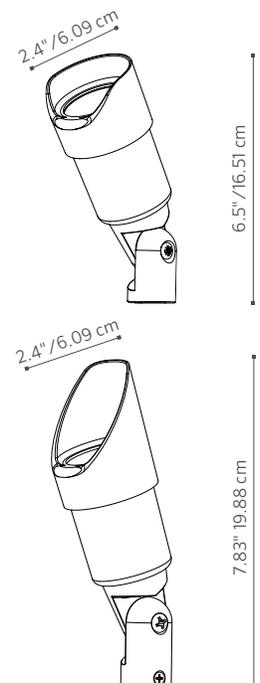
When used with the clear lens positioned 8-12" from a stucco wall the SI will produce its signature elliptical scallop light pattern. This elegant technique is effective even if no plant material is in the foreground because it breaks up the static linear lines of an otherwise plain straight wall.



Sit Back and Enjoy

Your pleasure of outdoor living does not have to end when the sun goes down. If you want to spend time outdoors after dark just add some elegant landscape lighting. Whether you want to just relax, have a meal, or entertain, landscape lighting can help. You have invested money on that nice grill, weather-proofed furniture, and gas heaters, however your time to enjoy them doesn't have to be limited to daylight hours. Once you add lighting outdoors, it will be hard to imagine all that time you wasted indoors.

Note: This fixture is designed for up lighting only.



ORDERING INFORMATION



SI: Up Light

< LONG SHIELD

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 (optional) + 4

FIXTURE CODE	LAMP CODE	SHIELD OPTIONS	FINISH OPTIONS
1 SI	2 10 (2,000 Hr Halogen)	3 LS (Long Shield)	4 XX (see options to right)
	20 (2,000 Hr Halogen)		

The SI includes your choice of Halogen lamp, clear or frosted lens (specify F after wattage, EX: SI-10-F-BZ), and choice of powdercoat finish. All SI up lights come standard with the Super Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually

GLARE CONTROL CODE	LENS CODE	MOUNTING OPTIONS
Hex Baffle (250015260000)	Frosted (250015170000)	Super Slot Spike (753900) 2" x 10" Included ▼
Recessor Ring (RRMR16)	Spread (250013550000)	Long Slot Spike (250015840000) 2.5" x 10"
	Solite Spread (250015240000)	SuperJ-Box (SJ-XX**) 2.5" x 12"
	Dichroic Peach (250015230000)	Post Mount (PM-XX**) 2.5" x 13"
	Dichroic Blue (250015200000)	
	Dichroic Green (250015210000)	
	Dichroic Red (250015220000)	
	Light Blue (250015190000)	
	Light Green (250015180000)	

POWDERCOAT

	WG = White Gloss
	FW = Flat White
	AL = Almond
	BZ = Bronze Metallic
	DG = Desert Granite
	WI = Weathered Iron
	VF = Verde Speckle
	SB = Sedona Brown
	FB = Flat Black

** Denotes powdercoat finish

EXAMPLE: **SI-20-F-LS-BZ** = SI - 20 Watt Halogen - Frosted Lens - Long Shield - Sedona Brown Finish
250015230000-SJ-SB = Dichroic Peach Lens
SJ-SB = Super J-Box - Sedona Brown Finish

PATH LIGHTS

FX LUMINAIRE

The Intersection of Art & Engineering



AL-12, AL-18, AL-22



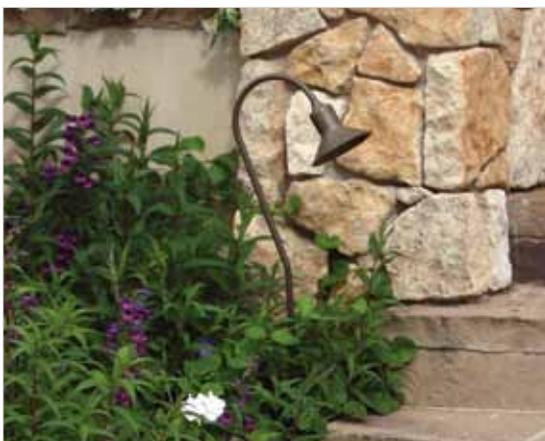
THE MOST EFFICIENT PATH LIGHT AVAILABLE

The FX Luminaire AL is a perfect blend of elegant form and clean geometric lines. Designed to blend in effortlessly with both classic and modern architectures by combining graceful appearance with simplicity of form.

The AL is constructed from extremely durable corrosion resistant T6-6061 Aluminum Alloy, which receives a military-grade finish.

The AL sends out a large elliptical light pattern – light projects only 2' behind the fixture, 18' forward and 15' wide, but no higher than knee level. This unique photometric quality solves the common problem of projecting glare-free light onto expanses of hardscape from the perimeter.

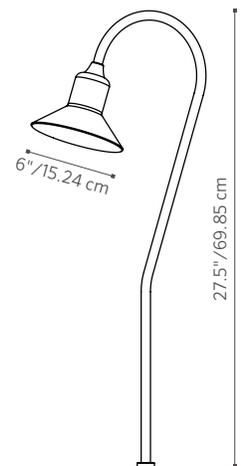
A deep cowling assures glare-free illumination even on most uphill viewing applications. When mounted in tall plant material the AL creates a mini-moonlight effect.



The Lighting Chameleon

A great application for the AL is to mount it behind small garden walls or adjacent pathways to illuminate steps without the use of hard-to-install integral mount step or wall lights.

For best effect and longevity install AL's 12-24" behind planter or walkway edge (except when coming over wall to illuminate steps). Installing the AL a little behind the planter's edge will allow the beam to spread out wider and keep the fixture away from pedestrian traffic impact.



ORDERING INFORMATION



AL: Path Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

FIXTURE CODE	LAMP CODE	FINISH OPTIONS
1 AL	2 12 (700 Hr Incandescent)	3 XX (see options to right)
	18 (1,000 Hr Incandescent)	
	25 (1,200 Hr Incandescent)	

The AL includes your choice of lamp and powdercoat finish. All AL path lights come standard with the Long Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

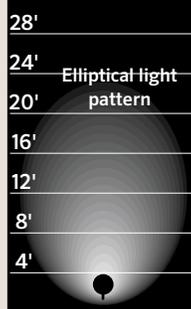
FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	Long Slot Spike Super Slot Spike Super J-Box XX** Post Mount XX**
Super Slot Spike (753900) 2" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: AL-18-VF = AL - 18 W Incandescent - Verde Speckle Finish

PHOTOMETRICS:

SPACING FOR MINIMUM FOOTCANDLE ILLUMINATION ON LEVEL GROUND.



Footcandles:		
DISTANCE	AL-12	AL-18
4'	1.1	1.4
8'	.23	.27
12'	.07	.11
16'	.01	.03

For conversion to lumens: Multiply footcandles x 10. See FX glossary for a full description of fc and lumens.

POWDERCOAT

	WG = White Gloss
	FW = Flat White
	AL = Almond
	BZ = Bronze Metallic
	DG = Desert Granite
	WI = Weathered Iron
	VF = Verde Speckle
	SB = Sedona Brown
	FB = Flat Black

** Denotes powdercoat finish

Note: Only the copper portions of the Pathlights are powdercoated. The brass pieces remain natural.

AN-10, AN-15, AN-20



MOST TALENTED LIGHTING PERFORMANCE

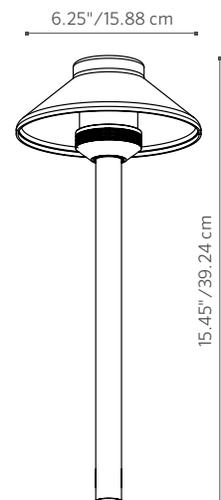
We have extended our path light family with the new AN. It is the newest addition to our grande family. Similar to the DL in size and shape, the AN has a smooth, all copper top, finish, while the DL has a sharp and stylish brass top.

Milled from extra heavy gauge copper and brass this petite luminaire is engineered to survive. This model is perfect for coastal exposures or areas where irrigation water contains high levels of mineral or caustic salts.



The Timeless Beauty of Copper

When engineering a new powdercoat finish at FX we strive to make it appear organic so it blends into the surrounding environment. No powdercoat will ever look as natural as copper since it does not develop an uneven mottled finish that consists of the full spectrum of earthtones. Although we ship the copper path lights in a bright condition they will quickly tarnish to a penny brown, moss-green brown or a blue-green (by the ocean).



ORDERING INFORMATION



AN: Path Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 + 4

FIXTURE CODE	LAMP CODE	RISER CODE	FINISH OPTIONS
1 AN	2 10 (10,000 Hr Xenon)	3 8R (8" Riser)	4 XX
	15 (10,000 Hr Xenon)	12R (12" Riser)	(see options to right)
	20 (5,000 Hr Xenon)	18R (18" Riser)	
	10H (2,000 Hr Halogen)	24R (24" Riser)	
	20H (2,000 Hr Halogen)	36R (36" Riser)	

The AN includes your choice of lamp, riser size, and finish. All AN path lights come standard with the Long Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

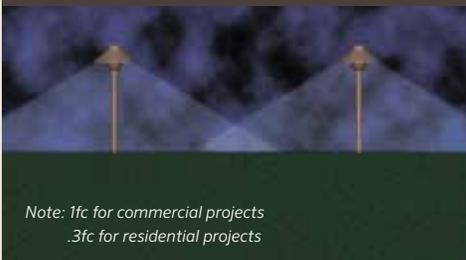
FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	
Super Slot Spike (753900) 2" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: AN-10-18R-CU = AN - 10 Watt Xenon - 18" Riser - Copper Finish
LSS = Long Slot Spike

PHOTOMETRICS:

SPACING FOR MINIMUM FOOTCANDLE ILLUMINATION ON LEVEL GROUND.

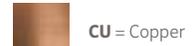


Footcandles:

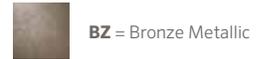
DISTANCE	DL-10	DL-20
2'	1.5	3
4'	.31	.88
6'	.14	.33
8'	.08	.14
10'	.03	.08
12'	.01	.03
14'	0	.01

For conversion to lumens: Multiply footcandles x 10. See FX glossary for a full description of fc and lumens.

METALS



POWDERCOAT



** Denotes powdercoat finish

Note: Only the copper portions of the Pathlights are powdercoated. The brass pieces remain natural.

AP-10, AP-15, AP-20



WHAT'S OLD, IS NEW

AP is the new sister fixture to our SP and our path light family.

We have extended our path light family with the new AP. It is the newest addition to the petite family. Similar to the SP in size and shape, the AP has a smooth, all copper top, finish, while the SP has a stylish brass top.

This luminaire, milled from extra-heavy gauge copper and solid brass, is designed for today's crowded planters. When incorporated with plant material, the AP simply disappears into the garden.



Concealed Illumination

This sleek and sophisticated micro luminaire will lead an enchanting path to your suburban home. The small scale of the copper AP can camouflage well into any garden landscape.

And since the AP is precisely machined from solid copper, it will last for decades even at the ocean's edge.



ORDERING INFORMATION



AP: Path Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 + 4

FIXTURE CODE	LAMP CODE	RISER CODE	FINISH OPTIONS
1 AP	2 10 (10,000 Hr Xenon)	3 8R (8" Riser)	4 XX
	15 (10,000 Hr Xenon)	12R (12" Riser)	(see options to right)
	20 (5,000 Hr Xenon)	18R (18" Riser)	
	10H (2,000 Hr Halogen)	24R (24" Riser)	
	20H (2,000 Hr Halogen)	36R (36" Riser)	

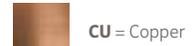
The AP includes your choice of lamp, riser size, and finish. All AP path lights come standard with the Super Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS	Super Slot Spike	Long Slot Spike	Super J-Box XX**	Post Mount XX**
Super Slot Spike (753900) 2" x 10" Included ▶				
Long Slot Spike (250015840000) 2.5" x 10"				
SuperJ-Box (SJ-XX**) 2.5" x 12"				
Post Mount (PM-XX**) 2.5" x 13"				

EXAMPLE: AP-10-18R-CU = AP - 10 Watt Xenon - 18" Riser - Copper Finish
LSS = Long Slot Spike

METALS



POWDERCOAT



** Denotes powdercoat finish

Note: Only the copper portions of the Pathlights are powdercoated. The brass pieces remain natural.

BD-10, BD-15, BD-20



DEPENDABLE, DURABLE, PRACTICAL

Don't let its size fool you: the strength of the BD will demand respect. Owners of small scale landscapes and planters will find this remarkable luminaire essential. It is a perfect example of how to do more with less.

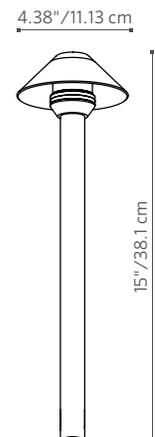
Compare our path lights with any other and you will see whose quality of materials, precision of fit and consistency of finishing stands out above the rest.

This model is perfect for coastal exposures or areas where irrigation water contains high levels of mineral or caustic salts.



Harvest of Light

Recreate the glow of the sunset with low voltage lighting. This can create beautiful scenery, while still establishing boundaries. As night falls, create simple and elegant effects with the use of strategically placed luminaries. While darkness move in gradually, your lighting will fill your garden with life and warmth. With the right landscape lighting, private and intimate garden settings will stay just that. There is no need to overpower the scene with light. Distribute your light evenly, high-lighting your gardens strengths and downplaying its weaknesses.



ORDERING INFORMATION



BD: Path Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 + 4

FIXTURE CODE	LAMP CODE	RISER CODE	FINISH OPTIONS
1 BD	2 10 (10,000 Hr Xenon)	3 8R (8" Riser)	4 XX
	15 (10,000 Hr Xenon)	12R (12" Riser)	(see options to right)
	20 (5,000 Hr Xenon)	18R (18" Riser)	
	10H (2,000 Hr Halogen)	24R (24" Riser)	
	20H (2,000 Hr Halogen)	36R (36" Riser)	

The BD includes your choice of lamp, riser size, and finish. All BD path lights come standard with the Super Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS	
Super Slot Spike (753900) 2" x 10" Included ▶	
Long Slot Spike (250015840000) 2.5" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: BD-10-18R-SB = BD - 10 W Xenon - 18" Riser - Sedona Brown Finish
PM-BS = PM in Natural Brass

PHOTOMETRICS:

SPACING FOR MINIMUM FOOTCANDLE ILLUMINATION ON LEVEL GROUND.

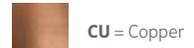
Note: 1fc for commercial projects
.3fc for residential projects

Footcandle:	DISTANCE	BD-10	BD-20
14'			
12'			
10'			
8'			
6'			
4'			
2'			

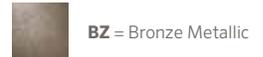
DISTANCE	BD-10	BD-20
2'	1.7	2.6
4'	.31	.57
6'	.10	.13
8'	.04	.05
10'	.02	.03
12'	.01	.02
14'	0	.01

For conversion to lumens: Multiply footcandles x 10. See FX glossary for a full description of fc and lumens.

METALS



POWDERCOAT



** Denotes powdercoat finish

Note: Only the copper portions of the Pathlights are powdercoated. The brass pieces remain natural.

CA-10, CA-15, CA-20



MUSEUM QUALITY, PRECISION ENGINEERED

The beauty of the CA is not just its uncomplicated shape, but its top-notch performance, night after night. For those who demand excellence, this luminaire will satisfy all that is required of it and more.

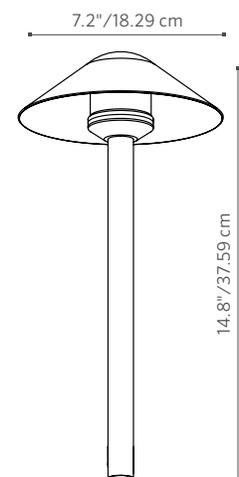
The key to successful outdoor lighting is to incorporate the equipment into the structures or garden without introducing a conflicting design element. The CA's simple geometric form allows it to disappear into any fine trellis or arbor.

Compare FX copper luminaires with any other, you will find a dramatic difference in quality of materials, precision of fit and consistency of finish.



Create Artistic Effects

With landscape lighting you have the ability to create moon-like shadows dance on the ground, or simply use a diffused glow to make a path safer. Use lighting effects to create soft transitions to the darkness beyond. Path lights help focus the eye on the surroundings, while enhancing the textures of plants and walkways making the space inviting. Create artistic landscape installations with the additional of any copper path light.



ORDERING INFORMATION



CA: Path Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 + 4

FIXTURE CODE	LAMP CODE	RISER CODE	FINISH OPTIONS
1 CA	2 10 (10,000 Hr Xenon)	3 8R (8" Riser)	4 XX
	15 (10,000 Hr Xenon)	12R (12" Riser)	(see options to right)
	20 (5,000 Hr Xenon)	18R (18" Riser)	
	10H (2,000 Hr Halogen)	24R (24" Riser)	
	20H (2,000 Hr Halogen)	36R (36" Riser)	

The CA includes your choice of lamp, riser size, and finish. All CA path lights come standard with the Long Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	
Super Slot Spike (753900) 2" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: CA-10-12R-BZ = CA - 10 Watt Xenon - 12" Riser - Bronze Metallic Finish
 SJ-BS = Super J-Box - Natural Brass Finish

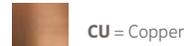
PHOTOMETRICS:

SPACING FOR MINIMUM FOOTCANDLE ILLUMINATION ON LEVEL GROUND.

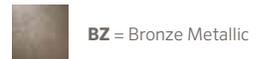
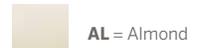
Footcandles:	Footcandles:	
DISTANCE	CA-10	CA-20
2'	1.5	3
4'	.31	.88
6'	.14	.33
8'	.08	.14
10'	.03	.08
12'	.01	.03
14'	0	.01

For conversion to lumens: Multiply footcandles x 10. See FX glossary for a full description of fc and lumens.

METALS



POWDERCOAT



** Denotes powdercoat finish

Note: Only the copper portions of the Pathlights are powdercoated. The brass pieces remain natural.

CB-10, CB-15, CB-20



SIMPLE, ELEGANT, ELITE

The introduction of the CB to any landscape will be a welcome one. Its sophisticated styling and first class quality will add new dimension to any fine landscape. It is no secret why our path lights are easy to distinguish from the rest.

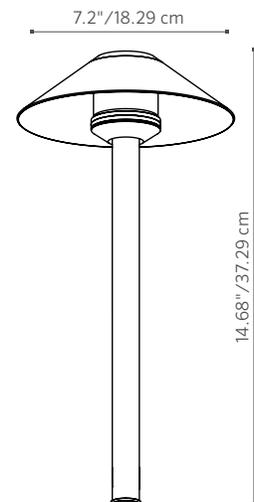
This luminaire is the best choice for the client who wants a flawless design that will make a long term contribution to their garden.

Milled from very heavy gauge, solid copper with stainless hardware, this luminaire will enhance any fine lighting project.



Capture the Night

Gardens are extension of our homes, therefore you should be able to enjoy them all the time- not just during the daylight hours. It is important to illuminate these spaces, while respecting the surrounding nature. Artificial lighting shouldn't be distracting, but should make your space look and feel romantic. FX's organic designs integrate themselves effortlessly into their surroundings. Dazzle your rows of blooms with a CB, bringing focus to your garden while distracting the eye from other undesirable elements.



ORDERING INFORMATION



CB: Path Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 + 4

FIXTURE CODE	LAMP CODE	RISER CODE	FINISH OPTIONS
1 CB	2 10 (10,000 Hr Xenon)	3 8R (8" Riser)	4 XX
	15 (10,000 Hr Xenon)	12R (12" Riser)	(see options to right)
	20 (5,000 Hr Xenon)	18R (18" Riser)	
	10H (2,000 Hr Halogen)	24R (24" Riser)	
	20H (2,000 Hr Halogen)	36R (36" Riser)	

The CB includes your choice of lamp, riser size, and finish. All CB path lights come standard with the Long Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

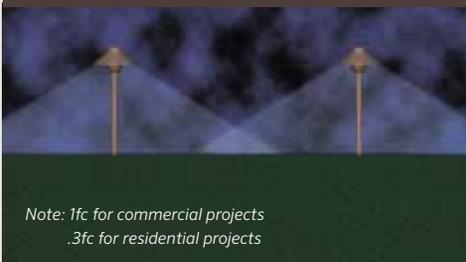
FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	
Super Slot Spike (753900) 2" x 10"	
Super J-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: CB-10-12R-WI = CB - 10 Watt Xenon - 12" Riser - Weathered Iron Finish
SJ-WI = Super J-Box - Weathered Iron Finish

PHOTOMETRICS:

SPACING FOR MINIMUM FOOTCANDLE ILLUMINATION ON LEVEL GROUND.



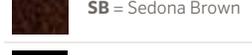
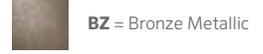
Footcandles:		
DISTANCE	CB-10	CB-20
2'	1.5	3
4'	.31	.88
6'	.14	.33
8'	.08	.14
10'	.03	.08
12'	.01	.03
14'	0	.01

For conversion to lumens: Multiply footcandles x 10. See FX glossary for a full description of fc and lumens.

METALS



POWDERCOAT



** Denotes powdercoat finish

Note: Only the copper portions of the Pathlights are powdercoated. The brass pieces remain natural.

CV-10, CV-15, CV-20



MODERN, DEPENDABLE, EFFECTIVE

The unforgettable shape of the CV is sure to make statement. You'll delight in its form, but admire its strength and function. It is just another noteworthy addition to our already superior line of path lights.

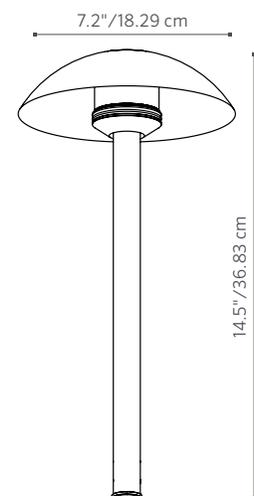
Milled from extra-heavy gauge copper and solid brass, the CV is engineered to survive.

All FX copper models are well suited for coastal exposures or areas where irrigation water contains high levels of mineral or caustic salts.



Long-Lasting Quality

Brass and copper have been used for a thousand years in nautical applications. Naval architects understood and explained the high strength and natural corrosion resistance of these semi-precious metals. The garden environment is as tough and caustic as any found in the high seas.



ORDERING INFORMATION



CV: Path Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 + 4

FIXTURE CODE	LAMP CODE	RISER CODE	FINISH OPTIONS
1 CV	2 10 (10,000 Hr Xenon)	3 8R (8" Riser)	4 XX
	15 (10,000 Hr Xenon)	12R (12" Riser)	(see options to right)
	20 (5,000 Hr Xenon)	18R (18" Riser)	
	10H (2,000 Hr Halogen)	24R (24" Riser)	
	20H (2,000 Hr Halogen)	36R (36" Riser)	

The CV includes your choice of lamp, riser size, and finish. All CV path lights come standard with the Long Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	
Super Slot Spike (753900) 2" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: CV-10-12R-BZ = CV - 10 Watt Xenon - 12" Riser - Bronze Metallic Finish
PM-BZ = Post Mount - Bronze Metallic Finish

PHOTOMETRICS:

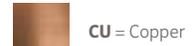
SPACING FOR MINIMUM FOOTCANDLE ILLUMINATION ON LEVEL GROUND.

Note: 1fc for commercial projects
.3fc for residential projects

Footcandles:	Footcandles:	
DISTANCE	CV-10	CV-20
2'	1.5	3
4'	.31	.88
6'	.14	.33
8'	.08	.14
10'	.03	.08
12'	.01	.03
14'	0	.01

For conversion to lumens: Multiply footcandles x 10. See FX glossary for a full description of fc and lumens.

METALS



POWDERCOAT



** Denotes powdercoat finish

Note: Only the copper portions of the Pathlights are powdercoated. The brass pieces remain natural.

DL-10, DL-15, DL-20



INVESTMENT QUALITY LIGHTING INSTRUMENT

Milled from extra heavy gauge copper and brass this petite luminaire is engineered to survive. Whether you're specifying for a resort in Boca Raton or a backyard in Dallas, the simple geometry of the DL blends into the environment effortlessly.

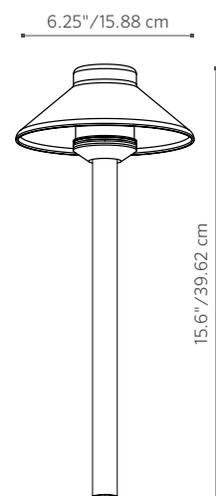
The beam spread of the DL provides maximum projection with minimum glare, thereby producing a soft glare-free light up to 28' in diameter.

This model is perfect for coastal exposures or areas where irrigation water contains high levels of mineral or caustic salts.



The Timeless Beauty of Copper

When engineering a new powdercoat finish at FX we strive to make it appear organic so it blends into the surrounding environment. No powdercoat will ever look as natural as copper since it does not develop an uneven mottled finish that consists of the full spectrum of earthtones. Although we ship the copper path lights in a bright condition they will quickly tarnish to a penny brown, moss-green brown or a blue-green (by the ocean).



ORDERING INFORMATION



DL: Path Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 + 4

FIXTURE CODE	LAMP CODE	RISER CODE	FINISH OPTIONS
1 DL	2 10 (10,000 Hr Xenon)	3 8R (8" Riser)	4 XX
	15 (10,000 Hr Xenon)	12R (12" Riser)	(see options to right)
	20 (5,000 Hr Xenon)	18R (18" Riser)	
	10H (2,000 Hr Halogen)	24R (24" Riser)	
	20H (2,000 Hr Halogen)	36R (36" Riser)	

The DL includes your choice of lamp, riser size, and finish. All DL path lights come standard with the Long Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

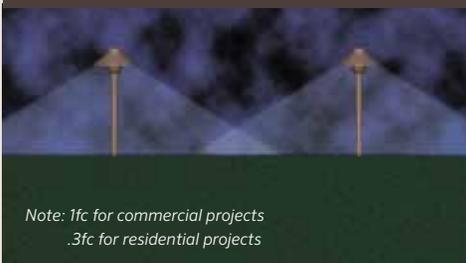
FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	 Long Slot Spike  Super Slot Spike  Super J-Box XX**  Post Mount XX**
Super Slot Spike (753900) 2" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: DL-10-12R-CU = DL - 10 Watt Xenon - 12" Riser - Copper Finish
SJ-BS = Super J-Box - Natural Brass Finish

PHOTOMETRICS:

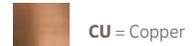
SPACING FOR MINIMUM FOOTCANDLE ILLUMINATION ON LEVEL GROUND.



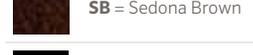
Footcandles:		
DISTANCE	DL-10	DL-20
2'	1.5	3
4'	.31	.88
6'	.14	.33
8'	.08	.14
10'	.03	.08
12'	.01	.03
14'	0	.01

For conversion to lumens: Multiply footcandles x 10. See FX glossary for a full description of fc and lumens.

METALS



POWDERCOAT



** Denotes powdercoat finish

Note: Only the copper portions of the Pathlights are powdercoated. The brass pieces remain natural.

DM-10, DM-15, DM-20



CLASSIC LINES, TIMELESS CONSTRUCTION

For those who appreciate the best, this pathway light is designed for both high performance and style. The strong, linear lines of the DM will complement any landscape by day and bring it to life at night.

This luminaire is the best choice for the client who wants a flawless design that will make a long term contribution to their garden. Using high output long life halogen lamps reduces operating and service costs.

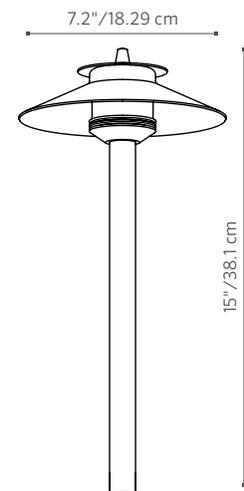
All FX copper models are well suited for coastal exposures or areas where irrigation water contains high levels of mineral or caustic salts.



The Harmony of Patina

The most successful gardens are a harmonious blend of organic materials. The FX copper line is the perfect match to wood, masonry, and plant materials since the natural patina process allows each fixture to melt into its backgrounds.

Compare FX copper luminaires with any other, and you will find a dramatic difference in quality of materials, precision of fit and consistency of finish.



ORDERING INFORMATION



DM: Path Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 + 4

FIXTURE CODE	LAMP CODE	RISER CODE	FINISH OPTIONS
1 DM	2 10 (10,000 Hr Xenon)	3 8R (8" Riser)	4 XX
	15 (10,000 Hr Xenon)	12R (12" Riser)	(see options to right)
	20 (5,000 Hr Xenon)	18R (18" Riser)	
	10H (2,000 Hr Halogen)	24R (24" Riser)	
	20H (2,000 Hr Halogen)	36R (36" Riser)	

The DM includes your choice of lamp, riser size, and finish. All DM path lights come standard with the Long Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	
Super Slot Spike (753900) 2" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: DM-10-12R-DG = DM - 10 Watt Xenon - 12" Riser - Desert Granite Finish
SJ-BS = Super J-Box in Natural Brass Finish

PHOTOMETRICS:

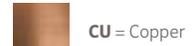
SPACING FOR MINIMUM FOOTCANDLE ILLUMINATION ON LEVEL GROUND.



Footcandles:		
DISTANCE	DM-10	DM-20
2'	1.45	2.9
4'	.30	.86
6'	.13	.31
8'	.09	.11
10'	.03	.07
12'	.01	.03
14'	0	.01

For conversion to lumens: Multiply footcandles x 10. See FX glossary for a full description of fc and lumens.

METALS



POWDERCOAT



** Denotes powdercoat finish

Note: Only the copper portions of the Pathlights are powdercoated. The brass pieces remain natural.

DP-10



ULTRA-MICRO SIZE, HALOGEN POWER

The DP is the most petite luminaire in the FX family. Milled from extra-heavy gauge copper and solid brass, the DP is engineered to survive.

The beam spread of the DP provides maximum projection with minimum glare.

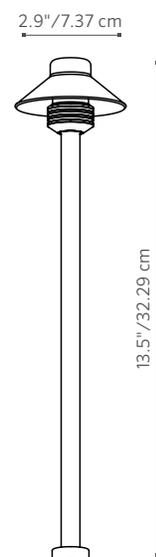
This model is perfect for coastal exposures or areas where irrigation water contains high levels of mineral or caustic salts.



Lifetime Perfection

At FX, we engineer fixtures from the inside out. Our use of semi precious metals, aerospace sealants and materials is without peer. This commitment to excellence provides your client with decades of problem-free ownership.

Compare FX copper luminaires with any other, and you will find a dramatic difference in quality of materials, precision of fit and consistency of finish.



ORDERING INFORMATION



DP: Path Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 + 4

FIXTURE CODE	LAMP CODE	RISER CODE	FINISH OPTIONS
1 DP	2 10 (10,000 Hr Xenon)	3 8R (8" Riser)	4 XX
	10H (20,000 Hr Halogen)	12R (12" Riser)	(see options to right)
		18R (18" Riser)	

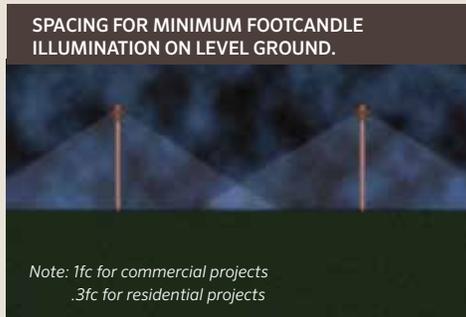
The DP includes your choice of lamp, riser size, and finish. All DP path lights come standard with the Super Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS	
Super Slot Spike (753900) 2" x 10" Included ▶	
Long Slot Spike (250015840000) 2.5" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: DP-10-12R-SB = DP - 10 Watt Xenon - 8" Riser - Sedona Brown Finish
PM-BS = PM in Natural Brass

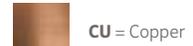
PHOTOMETRICS:



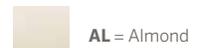
Footcandles:	
DISTANCE	DP-10
2'	2.6
4'	.57
6'	.13
8'	.05
10'	.03
12'	.02
14'	0

For conversion to lumens: Multiply footcandles x 10. See FX glossary for a full description of fc and lumens.

METALS



POWDERCOAT



** Denotes powdercoat finish

Note: Only the copper portions of the Pathlights are powdercoated. The brass pieces remain natural.

DR-10, DR-15, DR-20



CLASSIC STYLING, RUGGED CONSTRUCTION

The FX Luminaire DR is our most popular path light. The oversized top keeps light directed downward for controlled pathway and color plant illumination without objectionable glare.

The DR-20 is constructed from die-cast aluminum alloy, and the riser is milled from solid T-6 6062 Aluminum Alloy for corrosion resistance and strength.

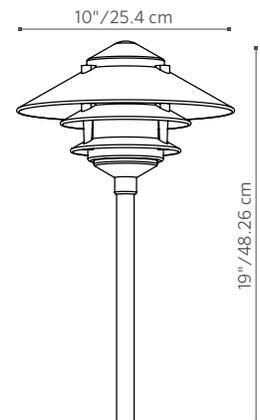
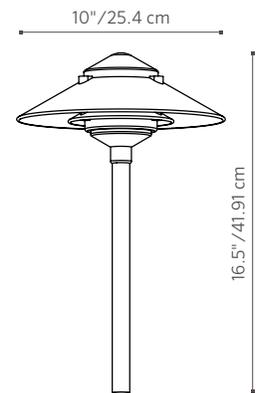
The DR is an excellent choice for pathways, motorcourt borders, pool and deck areas, or color accent planters.

The DR incorporates a halogen lamp assembly for high output and long life reducing operating and maintenance costs.



Rugged and Timeless

Specify the DR-20-12R for most residential applications. For commercial sites the higher output DR-35-12R is a great choice. The DR can stand up to punishment and is component-based for easy repair, making it perfect for high-impact environments.



ORDERING INFORMATION



DR: Path Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 (optional) + 4 + 5

FIXTURE CODE	LAMP CODE	TIER CODE	RISER CODE	FINISH OPTIONS
1 DR	2 10 (10,000 Hr Xenon)	3 2T (2 Tiers)	4 8R (8" Riser)	5 XX
	15 (10,000 Hr Xenon)	(Two tiers is optional, three tiers does not require designation)	12R (12" Riser)	(see options to right)
	20 (5,000 Hr Xenon)		18R (18" Riser)	
	10H (2,000 Hr Halogen)			
	20H (2,000 Hr Halogen)			

The DR includes your choice of lamp, 2 or 3 Tiers, riser size, and powdercoat finish. All DR path lights come standard with the Long Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	
Super Slot Spike (753900) 2" x 10"	
Super J-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

POWDERCOAT

	WG = White Gloss
	FW = Flat White
	AL = Almond
	BZ = Bronze Metallic
	DG = Desert Granite
	WI = Weathered Iron
	VF = Verde Speckle
	SB = Sedona Brown
	FB = Flat Black

** Denotes powdercoat finish

EXAMPLE: DR-20H-2T-12R-BF = DR - 20 Watt Halogen - 2 Tiers - 12" Riser - Black Wrinkle Finish

PHOTOMETRICS:

SPACING FOR MINIMUM FOOTCANDLE ILLUMINATION ON LEVEL GROUND.		Footcandles:		
<p>Note: 1fc for commercial projects .3fc for residential projects</p>	14'	DISTANCE	DR-10	DR-20
	12'	2'	1.1	2.3
	10'	4'	.27	.61
	8'	6'	.10	.14
	6'	8'	.04	.06
	4'	10'	.01	.03
	2'	12'	0	.01
	14'	0	0	

For conversion to lumens: Multiply footcandles x 10. See FX glossary for a full description of fc and lumens.

DS-15, DS-20



CLASSIC STYLING RUGGED CONSTRUCTION

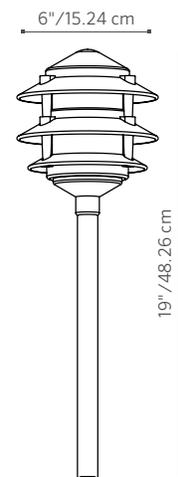
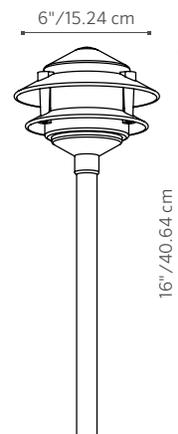
The three-tiered DS is a classic style that can blend in with both contemporary and traditional landscapes.

The DS-20 is constructed from die-cast aluminum alloy with a military grade finish and polyester powdercoat.



Attention to Detail

The DS may seem plain and mundane at first glance. Upon closer inspection, you'll appreciate our use of aerospace alloys like the 6061-T6 risers. FX's commitment to using superior materials to prevent product failure is unmatched in the industry.



ORDERING INFORMATION



DS: Path Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 (optional) + 4 + 5

FIXTURE CODE	LAMP CODE	TIER CODE	RISER CODE	FINISH OPTIONS
1 DS	2 10 (10,000 Hr Xenon)	3 2T (2 Tiers)	4 8R (8" Riser)	5 XX
	15 (10,000 Hr Xenon)	(Two tiers is optional, three tiers does not require designation)	12R (12" Riser)	(see options to right)
	20 (5,000 Hr Xenon)		18R (18" Riser)	
	10H (2,000 Hr Halogen)			
	20H (2,000 Hr Halogen)			

The DS includes your choice of lamp, 2 or 3 Tiers, riser size, and powdercoat finish. All DS path lights come standard with the Long Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS	Long Slot Spike	Super Slot Spike	Super J-Box XX**	Post Mount XX**
Long Slot Spike (250015840000) 2.5" x 10" Included ▶				
Super Slot Spike (753900) 2" x 10"				
Super J-Box (SJ-XX**) 2.5" x 12"				
Post Mount (PM-XX**) 2.5" x 13"				

POWDERCOAT

	WG = White Gloss
	FW = Flat White
	AL = Almond
	BZ = Bronze Metallic
	DG = Desert Granite
	WI = Weathered Iron
	VF = Verde Speckle
	SB = Sedona Brown
	FB = Flat Black

** Denotes powdercoat finish

EXAMPLE: DS-15-2T-12R-SB = DS - 15 Watt Halogen - 2 Tiers - 12" Riser - Sedona Brown Finish

PHOTOMETRICS:

SPACING FOR MINIMUM FOOTCANDLE ILLUMINATION ON LEVEL GROUND.

*Note: 1fc for commercial projects
.3fc for residential projects*

Distance	DS-10	DS-20
2'	1.0	2.2
4'	.24	.58
6'	.10	.12
8'	.03	.05
10'	.01	.03
12'	0	.01
14'	0	0

For conversion to lumens: Multiply footcandles x 10. See FX glossary for a full description of fc and lumens.

EA-10, EA-15, EA-20



UNFORGETTABLE STYLE AND PERFORMANCE

The sophisticated styling of the EA makes itself right at home with the rest of the veteran path lights. In addition to its distinguished shape, its high performance is what will make this luminaire a favorite.

Compare FX copper luminaires with any other, and you will find a dramatic difference in quality of materials, precision of fit and consistency of finish.

All FX copper models are well suited for coastal exposures or areas where irrigation water contains high levels of mineral or caustic salts.



Get Comfortable

Create a sense of excitement and anticipation night after night when the sun is going down by creating an outdoor living area with the use of landscape lighting. Use lighting to reveal dramatic textures of trunks or the delicateness of petals. As night falls, your outdoor living space is now prepared for the evening. As the night falls, the lights truly allow the scene to come to life. You can also use lighting to bring a sense of privacy and comfort to an open area that could easily feel exposed.



ORDERING INFORMATION



EA: Path Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 + 4

FIXTURE CODE	LAMP CODE	RISER CODE	FINISH OPTIONS
1 EA	2 10 (10,000 Hr Xenon)	3 8R (8" Riser)	4 XX
	15 (10,000 Hr Xenon)	12R (12" Riser)	(see options to right)
	20 (5,000 Hr Xenon)	18R (18" Riser)	
	10H (2,000 Hr Halogen)	24R (24" Riser)	
	20H (2,000 Hr Halogen)	36R (36" Riser)	

The EA includes your choice of lamp, riser size, and finish. All EA path lights come standard with the Super Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS	
Super Slot Spike (753900) 2" x 10" Included ▶	
Long Slot Spike (250015840000) 2.5" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

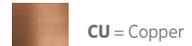
EXAMPLE: EA-10-12R-NP = EA - 10 Watt Xenon - 12" Riser - Nickel Plate Finish
SJ-NP = Super J-Box - Nickel Plate Finish

PHOTOMETRICS:



For conversion to lumens: Multiply footcandles x 10. See FX glossary for a full description of fc and lumens.

METALS



POWDERCOAT



** Denotes powdercoat finish

Note: Only the copper portions of the Pathlights are powdercoated. The brass pieces remain natural.

FG-12, FG-18, FG-25



A BEAUTIFUL HARMONY OF BRASS AND COPPER

By day or night the simple lines of the FG adds elegance and function to any fine residence. Precision milled from solid brass and copper to Ferrari® tolerances, with the clean classic design of a country home, this pathway light transcends momentary style trends.

The design lines of the FG-12 are at home in a wide range of surroundings from Craftsman style architectures to Tuscan gardens.

This geometrically perfect design is best used in focal color planter beds to bring the nighttime garden to life with its warm symmetrical circular pool of light. Use along pool patio edges, walkways and motor courts.



Simple Elegance

Lighting should be used to highlight, not overpower. Use it to create boundaries and mystery. Lighting your landscape can be compared to the art of stage lighting. You must know where to strategically place your lighting to create emotion.

You can illuminate paths, focus attention on fountains and enhance a gorgeous area of fauna. Different types of lighting can combine to create an intimate scene.



ORDERING INFORMATION



FG: Path Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

FIXTURE CODE	LAMP CODE	FINISH OPTIONS
1 FG	2 12 (700 Hr Incandescent)	3 XX
	18 (1,000 Hr Incandescent)	(see options to right)
	25 (1,200 Hr Incandescent)	

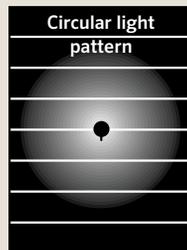
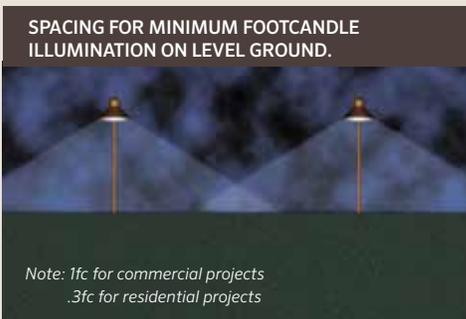
The FG includes your choice of incandescent lamp and finish. All FG path lights come standard with the Long Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	
Super Slot Spike (753900) 2" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: FG-20H-8R-NP = FG - 20 Watt Halogen - 8" Riser - Nickel Plate Finish
 PM-NP = Post Mount - Nickel Plate Finish

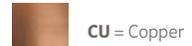
PHOTOMETRICS:



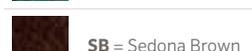
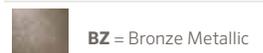
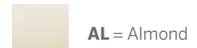
Footcandles:		
DISTANCE	FG-10	FG-20
4'	1.2	1.7
6'	.51	.94
8'	.10	.19
10'	0	.05

For conversion to lumens: Multiply footcandles x 10. See FX glossary for a full description of fc and lumens.

METALS



POWDERCOAT



** Denotes powdercoat finish

Note: Only the copper portions of the Pathlights are powdercoated. The brass pieces remain natural.

GN-20



FOR THE MOST DISCRIMINATING OWNER

Make a statement with the GN, the granddaddy of the DM. The GN has the same elegant styling of the DM, but it is bigger and bolder. With a diameter of 10", this oversized path light is sure to fit any large scale estate.

This geometrically perfect design is best used in focal color planter beds to bring the nighttime garden to life with its warm symmetrical circular pool of light.

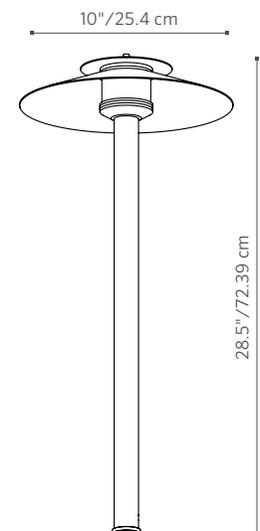
At FX, we engineer fixtures from the inside out. Our use of semi precious metals, aerospace sealants and materials is without peer. This commitment to excellence provides your client with decades of problem-free ownership.



Perfection in Copper

Milled from solid copper, the GN is engineered to make a long term contribution to any fine project. Compare FX copper path lights with any other, you will find a dramatic difference in quality of materials, precision of fit and consistency of finish.

A powdercoat will never look as natural as copper since it does not develop an uneven mottled finish that consists of the full spectrum of earthtones.



ORDERING INFORMATION



GN: Path Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 + 4

FIXTURE CODE	LAMP CODE	RISER CODE	FINISH OPTIONS
1 GN	2 10 (10,000 Hr Xenon)	3 8R (8" Riser)	4 XX
	15 (10,000 Hr Xenon)	12R (12" Riser)	(see options to right)
	20 (5,000 Hr Xenon)	18R (18" Riser)	
	10H (2,000 Hr Halogen)	24R (24" Riser)	
	20H (2,000 Hr Halogen)	36R (36" Riser)	

The GN includes your choice of lamp, riser size, and finish. All GN path lights come standard with the Long Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

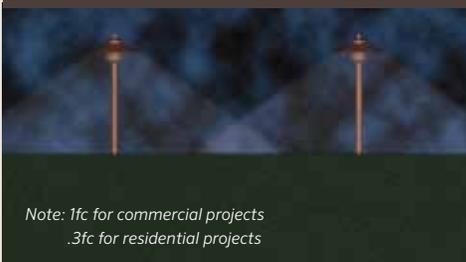
FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	 Long Slot Spike  Super Slot Spike  Super J-Box XX**  Post Mount XX**
Super Slot Spike (753900) 2" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: GN-15-18R-SB = GN - 15 Watt Xenon - 18" Riser - Sedona Brown Finish

PHOTOMETRICS:

SPACING FOR MINIMUM FOOTCANDLE ILLUMINATION ON LEVEL GROUND.



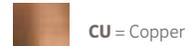
Note: 1fc for commercial projects
.3fc for residential projects



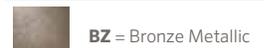
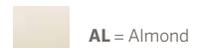
Footcandles:		
DISTANCE	GN-10	GN-20
2'	1.45	2.9
4'	.30	.86
6'	.13	.31
8'	.09	.11
10'	.03	.07
12'	.01	.03
14'	0	.01

For conversion to lumens: Multiply footcandles x 10. See FX glossary for a full description of fc and lumens.

METALS



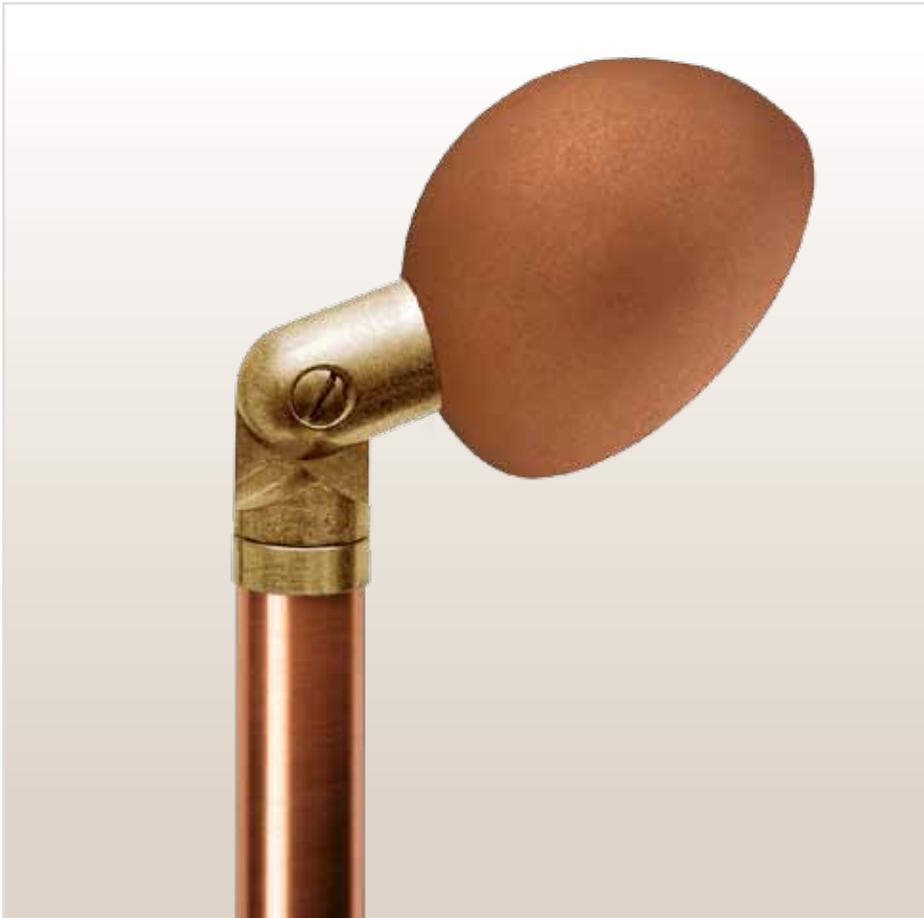
POWDERCOAT



** Denotes powdercoat finish

Note: Only the copper portions of the Pathlights are powdercoated. The brass pieces remain natural.

GT-10, GT-20



ADAPTABLE TO ANY ENVIRONMENT

Unlike any other path light, the GT is specially designed to make it adaptable to a wide range of lighting needs. With its ability to adjust to any angle, your favorite path, plant or flower will not be left in the dark. Designed with the user in mind, its aim is to highlight what you want, not what your lighting fixture wants.

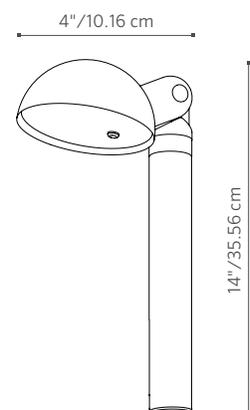
Use the GT to focus attention to stairs, paths, or garden areas. When combined with the RL, they will partner up to create seamless lighting.

The copper will patina naturally over time.



Fully Customizable

The GT is fully customizable. Pivot the GT down to illuminate desirable features directly below, angle it up to highlight a subject further away, or choose any angle in between for any object in between. Its flexibility is infinite. Perfect for illuminating steps, flower beds or even backyard golf putting greens.



ORDERING INFORMATION



GT: Path Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 + 4

FIXTURE CODE	LAMP CODE	RISER CODE	FINISH OPTIONS
1 GT	2 10 (10,000 Hr Xenon)	3 8R (8" Riser)	4 XX
	15 (10,000 Hr Xenon)	12R (12" Riser)	(see options to right)
	20 (5,000 Hr Xenon)	18R (18" Riser)	
	10H (2,000 Hr Halogen)	24R (24" Riser)	
	20H (2,000 Hr Halogen)	36R (36" Riser)	

The GT includes your choice of lamp, riser size, and finish. All GT path lights come standard with the Long Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually

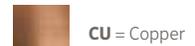
MOUNTING OPTIONS	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	
Super Slot Spike (753900) 2" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: GT-20H-8R-DG = GT - 20 W Halogen - 8" Riser - Desert Granite Finish
PM-BS = Post Mount - Natural Brass Finish

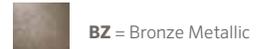
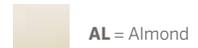
PHOTOMETRICS:

DISTANCE	Footcandles:	
	DISTANCE	GT-20
12'		
10'		
8'	2'	6.5
6'	4'	1.3
4'	6'	.5
2'	8'	.2
	10'	.12

METALS



POWDERCOAT



** Denotes powdercoat finish

Note: Only the copper portions of the Pathlights are powdercoated. The brass pieces remain natural.

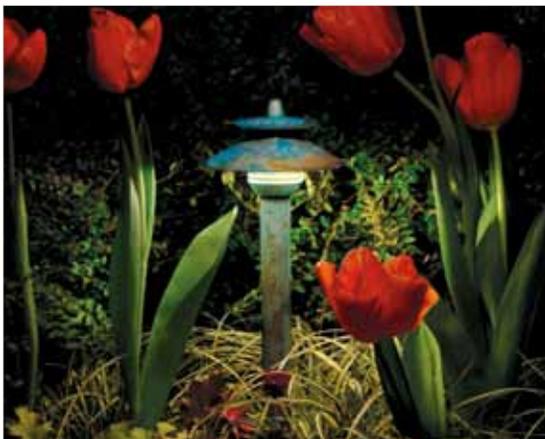
PF-10, PF-15, PF-20



COMPACT STYLING, UNPARALLELED OUTPUT

This scaled down version of the classic DM delivers high-impact in a small package. We are positive that this intricately designed luminaire is sure to be unforgettable. FX signifies quality, but the PF signifies style.

The most successful gardens are a harmonious blend of organic materials. The FX copper line is the perfect match to wood, masonry, and plant materials since the natural patina process allows each fixture to melt into its background. Compare our path lights with any other and you will see whose quality of materials, precision of fit and consistency of finishing stands out above the rest.



Simple perfection

When thinking outdoor lighting-you should think permanence. Candles are nice and inexpensive, but only landscape lighting can provide safety. Precision placed lighting can reinforce the feeling of intimacy and warmth. The ways to create a wonderful outdoor space are infinite. You no longer have to use a flood light to overpower the space with light.



ORDERING INFORMATION



PF: Path Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 + 4

FIXTURE CODE	LAMP CODE	RISER CODE	FINISH OPTIONS
1 PF	2 10 (10,000 Hr Xenon)	3 8R (8" Riser)	4 XX
	15 (10,000 Hr Xenon)	12R (12" Riser)	(see options to right)
	20 (5,000 Hr Xenon)	18R (18" Riser)	
	10H (2,000 Hr Halogen)	24R (24" Riser)	
	20H (2,000 Hr Halogen)	36R (36" Riser)	

The PF includes your choice of lamp, riser size, and finish. All PF path lights come standard with the Super Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

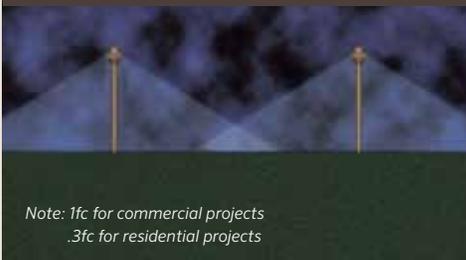
FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS	
Super Slot Spike (753900) 2" x 10" Included ▶	
Long Slot Spike (250015840000) 2.5" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: PF-10-12R-WI = PF - 10 Watt Xenon - 12" Riser - Weathered Iron Finish
 SJ-BS = Super J-Box - Natural Brass Finish

PHOTOMETRICS:

SPACING FOR MINIMUM FOOTCANDLE ILLUMINATION ON LEVEL GROUND.

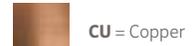


Footcandles:

DISTANCE	PF-10	PF-20
2'	1.7	2.6
4'	.31	.57
6'	.10	.13
8'	.04	.05
10'	.02	.03
12'	.01	.02
14'	0	.01

For conversion to lumens: Multiply footcandles x 10. See FX glossary for a full description of fc and lumens.

METALS



POWDERCOAT



** Denotes powdercoat finish

Note: Only the copper portions of the Pathlights are powdercoated. The brass pieces remain natural.

PM-20



BOLD, SOLID AND BEAUTIFUL

The FX Luminaire PM is engineered without compromise in the spirit of a large contemporary commercial bollard. Precisely milled from 6061 T-6 alloy, this model looks and performs like no other. Computer designed parabolic reflector, diffuser cone and optics work together to produce long projection beam spread with no glare.

This bold design is a great match for an edgy custom home in Santa Monica or a stainless steel railing beach pad in The Hamptons.

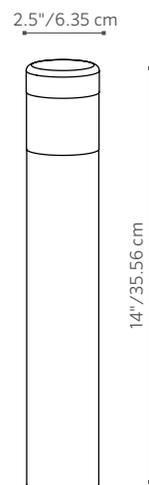
All exterior components are finished with a military marine-grade process of acid etching, chromate plating and polyester powdercoating to assure long-term appearance and integrity.

The most obvious application for the PM-20 is, of course, any project that speaks a sophisticated, clean and modern design language. The PM-20 can also be mounted on decks with optional deck mount.



Unlimited Applications

We are constantly amazed at the range of projects in which the PM is used. From an NBA all-star's home in Milwaukee to a research science lab entry in La Jolla, the PM spans the architectural gamut. Simple form-high performance makes this fixture extremely versatile.



ORDERING INFORMATION



PM: Path Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

FIXTURE CODE	LAMP CODE	FINISH OPTIONS
1 PM	2 20N (18° beam, 2,000 Hr Halogen)	3 XX (see options to right)

The PM includes a 20 watt AR-11 lamp and your choice of lamp and powdercoat finish. All PM path lights come standard with the Long Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS		
Long Slot Spike ((250015840000) 2.5" x 10" Included ▶)	 <p>Long Slot Spike</p>	 <p>PDM</p>
PMD (PostModerne Deck Mount, 3" x 1.19")		

EXAMPLE: PM-20N-SB = PM - 20 Watt Halogen - Sedona Brown Finish
PDM= PostModerne Deck Mount

POWDERCOAT

	WG = White Gloss
	FW = Flat White
	AL = Almond
	BZ = Bronze Metallic
	DG = Desert Granite
	WI = Weathered Iron
	VF = Verde Speckle
	SB = Sedona Brown
	FB = Flat Black

** Denotes powdercoat finish

Note: Only the copper portions of the Pathlights are powdercoated. The brass pieces remain natural.

PHOTOMETRICS:

SPACING FOR MINIMUM FOOTCANDLE ILLUMINATION ON LEVEL GROUND.



Note: 1fc for commercial projects
 .3fc for residential projects



Footcandles:	
DISTANCE	PM-20
1'	1.2
2'	.40
3'	.20
4'	.10

For conversion to lumens: Multiply footcandles x 10. See FX glossary for a full description of fc and lumens.

PR-10, PR-15, PR-20



ALLURING DESIGN, GRACEFUL PERFORMANCE

Designed specifically for those who prefer soft rounded shapes, to angles, the PR is unlike any other. Its unrivaled performance coupled with its exceptional pricing will fit nicely into any demanding design.

This luminaire, milled from extra-heavy gauge copper and solid brass, is designed for today's crowded planters. When incorporated with plant material, the PR simply disappears into the garden.

Compare FX copper luminaires with any other, and you will find a dramatic difference in quality of materials, precision of fit and consistency of finish.



Perfect Harmony

Highlight your detailed or simplistic garden while making whatever is beyond it remain in darkness. Lighting should be used to highlight, not overpower. Use it to create boundaries and mystery. Lighting your landscape can be compared to the art of stage lighting. You must know where to strategically place your lighting to create emotion. You can illuminate paths, focus attention on fountains and enhance a gorgeous area of fauna. Different types of lighting can combine to create an intimate scene.



ORDERING INFORMATION



PR: Path Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 + 4

FIXTURE CODE	LAMP CODE	RISER CODE	FINISH OPTIONS
1 PR	2 10 (10,000 Hr Xenon)	3 8R (8" Riser)	4 XX
	15 (10,000 Hr Xenon)	12R (12" Riser)	(see options to right)
	20 (5,000 Hr Xenon)	18R (18" Riser)	
	10H (2,000 Hr Halogen)	24R (24" Riser)	
	20H (2,000 Hr Halogen)	36R (36" Riser)	

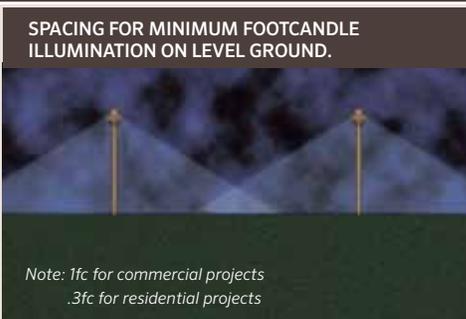
The PR includes your choice of lamp, riser size, and finish. All PR path lights come standard with the Super Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS	
Super Slot Spike (753900) 2" x 10" Included ▶	
Long Slot Spike (250015840000) 2.5" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: PR-10-12R-DG = PR - 10 Watt Xenon - 12" Riser - Desert Granite Finish
 SJ-BS = Super J-Box - Natural Brass Finish

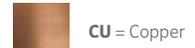
PHOTOMETRICS:



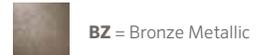
Footcandles:		
DISTANCE	PR-10	PR-20
2'	1.7	2.6
4'	.31	.57
6'	.10	.13
8'	.04	.05
10'	.02	.03
12'	.01	.02
14'	0	.01

For conversion to lumens: Multiply footcandles x 10. See FX glossary for a full description of fc and lumens.

METALS



POWDERCOAT



** Denotes powdercoat finish

Note: Only the copper portions of the Pathlights are powdercoated. The brass pieces remain natural.

PV-10



PERFECT, MID-SIZED LUMINAIRE

Whether your view is of Monaco, Miami or Monterey, the FX copper path lights are the best choice for high-end residential and intimate resort projects. The PV is our mid-sized model designed for small scale garden pathways and planters. Choose between the high output, high efficiency halogen lamp or the extended life xenon lamp.

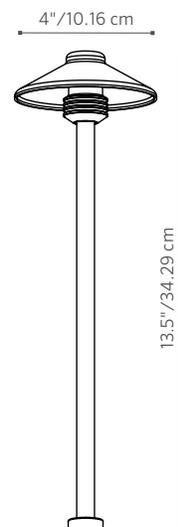
The most successful gardens are a harmonious blend of organic materials. The FX copper line is the perfect match to wood, masonry, and plant materials since the natural patina process allows each fixture to melt into its background.

Compare FX copper luminaires with any other, and you will find a dramatic difference in quality of materials, precision of fit and consistency of finish.



Why use Path Lighting?

The most visible source of lighting equipment comes from path lights. Path lighting should be used to draw attention to pedestrian hazards such as grade changes or to illuminate surfaces that can't be reached by down lighting from trees, eaves and other architectural elements or integral wall mounted fixtures.



ORDERING INFORMATION



PV: Path Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 + 4

FIXTURE CODE	LAMP CODE	RISER CODE	FINISH OPTIONS
1 PV	2 10 (10,000 Hr Xenon)	3 8R (8" Riser)	4 XX
	10H (2,000 Hr Halogen)	12R (12" Riser)	(see options to right)
		18R (18" Riser)	
		24R (24" Riser)	
		36R (36" Riser)	

The PV includes your choice of lamp, riser size, and finish. All PV path lights come standard with the Super Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS	
Super Slot Spike (753900) 2" x 10" Included ▶	
Long Slot Spike (250015840000) 2.5" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: PV-10-12R-BZ = PV - 10 Watt Xenon - 12" Riser - Bronze Metallic Finish
 SJ-BZ = Super J-Box - Bronze Metallic Finish

PHOTOMETRICS:

SPACING FOR MINIMUM FOOTCANDLE ILLUMINATION ON LEVEL GROUND.



Footcandles:

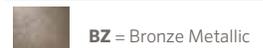
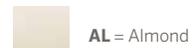
DISTANCE	PV-10	PV-20
2'	1.7	2.6
4'	.31	.57
6'	.10	.13
8'	.04	.05
10'	.02	.03
12'	.01	.02
14'	0	.01

For conversion to lumens: Multiply footcandles x 10. See FX glossary for a full description of fc and lumens.

METALS



POWDERCOAT



** Denotes powdercoat finish

Note: Only the copper portions of the Pathlights are powdercoated. The brass pieces remain natural.

QF-10, QF-15, QF-20



**DISTINGUISHED
DESIGN, EXCEPTIONAL
PERFORMANCE**

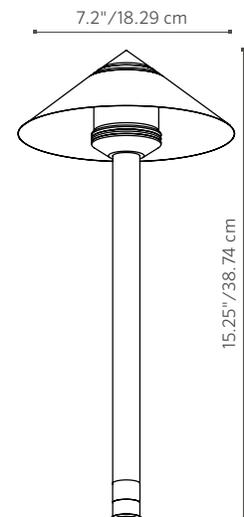
Personalize your landscape with the unique design of the QF. This original luminaire, with its precise angles, will add a new dimension to your landscape. It is where style meets unmatched performance.

All FX copper models are well suited for coastal exposures or areas where irrigation water contains high levels of mineral or caustic salts.



Perfection Every Time

When thinking outdoor lighting-you should think permanence. Candles are nice and inexpensive, but only landscape lighting can provide safety. Precision placed lighting can reinforce the feeling of intimacy and warmth. The ways to create a wonderful outdoor space are infinite. You no longer have to use a flood light to overpower the space with light.



ORDERING INFORMATION



QF: Path Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 + 4

FIXTURE CODE	LAMP CODE	RISER CODE	FINISH OPTIONS
1 QF	2 10 (10,000 Hr Xenon)	3 8R (8" Riser)	4 XX
	15 (10,000 Hr Xenon)	12R (12" Riser)	(see options to right)
	20 (5,000 Hr Xenon)	18R (18" Riser)	
	10H (2,000 Hr Halogen)	24R (24" Riser)	
	20H (2,000 Hr Halogen)	36R (36" Riser)	

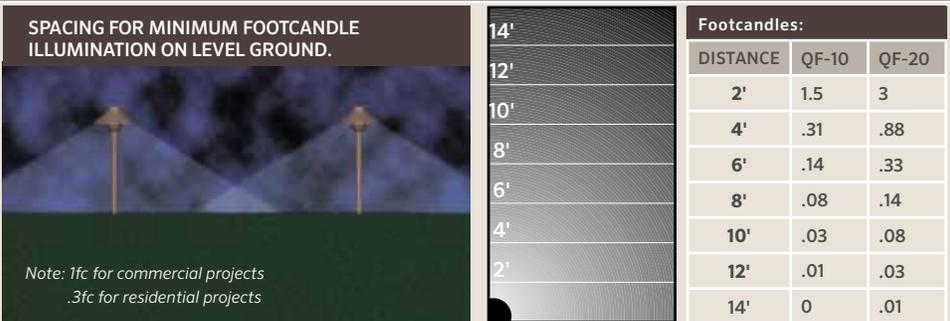
The QF includes your choice of lamp, riser size, and finish. All QF path lights come standard with the Long Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	
Super Slot Spike (753900) 2" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

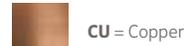
EXAMPLE: QF-15-18R-DG = QF - 15 Watt Xenon - 18" Riser - Desert Granite Finish
 SJ-BS = Super J-Box - Natural Brass Finish

PHOTOMETRICS:

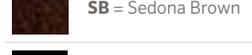
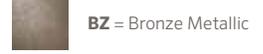


For conversion to lumens: Multiply footcandles x 10. See FX glossary for a full description of fc and lumens.

METALS



POWDERCOAT



** Denotes powdercoat finish

Note: Only the copper portions of the Pathlights are powdercoated. The brass pieces remain natural.

SC-10, SC-15, SC-20



SOPHISTICATION INSIDE AND OUT

Uniquely suited for small gardens or planters, the SC is sure to be a timeless addition to any landscape. Its precision design and high performance, means you can rely on it for enduring quality.

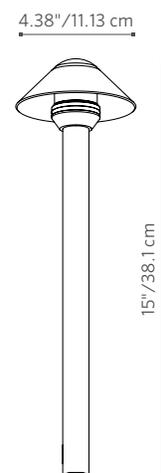
At FX, we engineer fixtures from the inside out. Our use of semi precious metals, aerospace sealants and materials is without peer. This commitment to excellence provides you with decades of problem-free ownership.

The high output, long-life halogen lamp assembly reduces operating and maintenance costs.



The Allure of Light

All of our fixtures are a product of nature, with each Luminaire carefully designed. From the subtle tones of nature to the brilliant explosions of color, our luminaries will provide a feeling of elegance and romance that will turn any ordinary garden into something well beyond. For those who appreciate the best, and to those who accept no less, we offer our line of copper path lights. They are a result of timeless craftsmanship that endures.



ORDERING INFORMATION



SC: Path Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 + 4

FIXTURE CODE	LAMP CODE	RISER CODE	FINISH OPTIONS
1 SC	2 10 (10,000 Hr Xenon)	3 8R (8" Riser)	4 XX
	15 (10,000 Hr Xenon)	12R (12" Riser)	(see options to right)
	20 (5,000 Hr Xenon)	18R (18" Riser)	
	10H (2,000 Hr Halogen)	24R (24" Riser)	
	20H (2,000 Hr Halogen)	36R (36" Riser)	

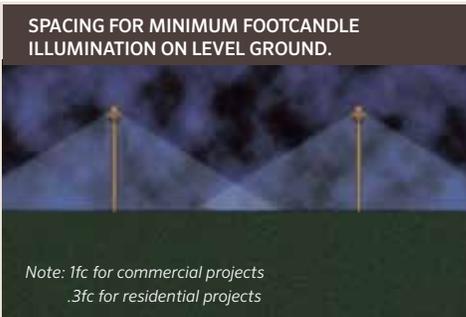
The SC includes your choice of lamp, riser size, and finish. All SC path lights come standard with the Super Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS	
Super Slot Spike (753900) 2" x 10" Included ▶	
Long Slot Spike (250015840000) 2.5" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: SC-20-12R-NP = SC - 20 Watt Xenon - 12" Riser - Nickel Plate Finish
PM-NP = PM in Nickel Plate Finish

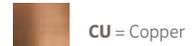
PHOTOMETRICS:



Footcandles:		
DISTANCE	SC-10	SC-20
2'	1.7	2.6
4'	.31	.57
6'	.10	.13
8'	.04	.05
10'	.02	.03
12'	.01	.02
14'	0	.01

For conversion to lumens: Multiply footcandles x 10. See FX glossary for a full description of fc and lumens.

METALS



POWDERCOAT



** Denotes powdercoat finish

Note: Only the copper portions of the Pathlights are powdercoated. The brass pieces remain natural.

SP-10, SP-15, SP-20



MICRO SIZE, HALOGEN POWER

One of the challenges today's lighting designers face is to provide adequate pedestrian illumination from increasingly narrow planter areas. To address this problem our engineering staff developed the solid copper micro SP.

This luminaire, milled from extra-heavy gauge copper and solid brass, is designed for today's crowded planters. When incorporated with plant material, the SP simply disappears into the garden.

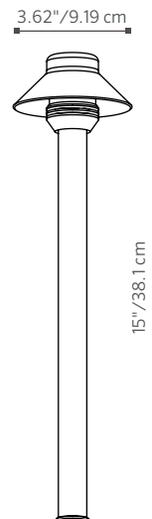
The beam spread of the SP provides maximum projection with minimum glare, thereby producing a soft glare-free light up to 28' in diameter.



Visual Transparency

This graceful micro luminaire is equally at home in the lush perennial borders of Monterey as it is in a xeriscape theme in Scottsdale. The small scale of the SP allows the designer to unobtrusively introduce low level, smooth edge illumination which complements any garden style.

And since the SP is precisely machined from solid copper and brass, it will last for decades even at the ocean's edge.



ORDERING INFORMATION



SP: Path Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 + 4

FIXTURE CODE	LAMP CODE	RISER CODE	FINISH OPTIONS
1 SP	2 10 (10,000 Hr Xenon)	3 8R (8" Riser)	4 XX
	15 (10,000 Hr Xenon)	12R (12" Riser)	(see options to right)
	20 (5,000 Hr Xenon)	18R (18" Riser)	
	10H (2,000 Hr Halogen)	24R (24" Riser)	
	20H (2,000 Hr Halogen)	36R (36" Riser)	

The SP includes your choice of lamp, riser size, and finish. All SP path lights come standard with the Super Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

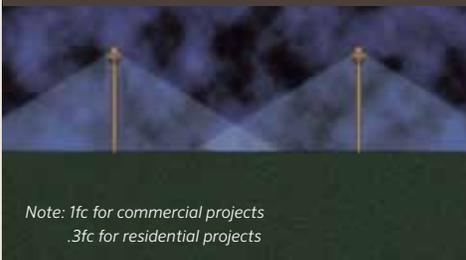
FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS	
Super Slot Spike (753900) 2" x 10" Included ▶	
Long Slot Spike (250015840000) 2.5" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

EXAMPLE: SP-20-12R-CU = SP - 20 Watt Xenon - 12" Riser - Copper Finish
SJ-BS = SJ in Natural Brass

PHOTOMETRICS:

SPACING FOR MINIMUM FOOTCANDLE ILLUMINATION ON LEVEL GROUND.



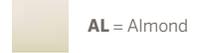
Footcandles:		
DISTANCE	SP-10	SP-20
2'	1.7	2.6
4'	.31	.57
6'	.10	.13
8'	.04	.05
10'	.02	.03
12'	.01	.02
14'	0	.01

For conversion to lumens: Multiply footcandles x 10. See FX glossary for a full description of fc and lumens.

METALS



POWDERCOAT



** Denotes powdercoat finish

Note: Only the copper portions of the Pathlights are powdercoated. The brass pieces remain natural.

TD-12, TD-18, TD-25

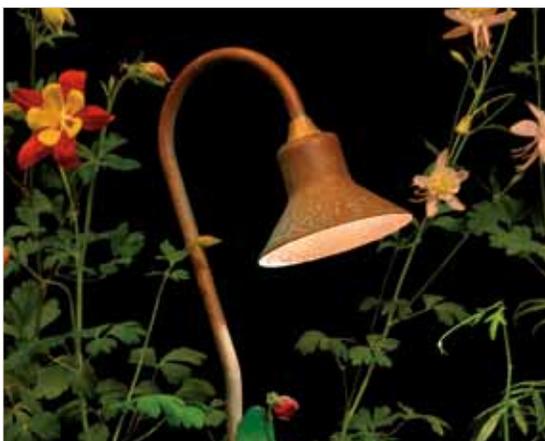


ELEGANT LINES, SOLID CONSTRUCTION

By day or night the simple lines of the TD add elegance and function to any fine residence. Precision milled from solid brass and copper to strict tolerances, with the clean classic design of a country home, this pathway light transcends momentary style trends.

The TD emits a large elliptical light pattern that projects (2') .6 m behind the fixture, (16') 4.8 m forward and (12') 3.6 m wide, but no higher than knee level.

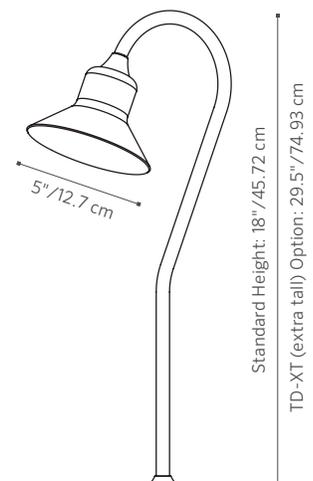
When mounted in lacy leaf plant material, the TD-12 creates a mini-moonlight effect which allows the foliage shadows to dance on the walkway with every pass of an evening breeze.



One of a Kind

Copper will patina in an unlimited array of natural earthtone colors. In the desert a penny brown is common, on the coast a blue or mossy green can occur. No two fixtures will patina the same, which gives copper and brass its one-of-a-kind look like any plant or garden element.

Compare FX copper luminaires with any other, and you will find a dramatic difference. We use the heaviest gauge materials in the industry for long-lasting performance.



ORDERING INFORMATION



TD: Path Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 + 4

FIXTURE CODE	LAMP CODE	RISER CODE	FINISH OPTIONS
1 TD	2 12 (700 Hr Incandescent)	3 XT (29.5" Riser)	4 XX
	18 (1,000 Hr Incandescent)	(Standard riser is 18")	(see options to right)
	25 (1,200 Hr Incandescent)		

The TD includes your choice of incandescent lamp, riser size, and finish. All TD path lights come standard with the Long Slot Spike. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS	
Long Slot Spike (250015840000) 2.5" x 10" Included ▶	
Super Slot Spike (753900) 2" x 10"	
SuperJ-Box (SJ-XX**) 2.5" x 12"	
Post Mount (PM-XX**) 2.5" x 13"	

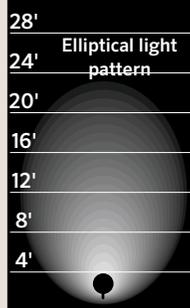
EXAMPLE: TD-25-XT-BZ = TD - 25 Watt Incandescent - 29.5" Riser - Bronze Metallic Finish
PM-BZ = Post Mount - Bronze Metallic Finish

PHOTOMETRICS:

SPACING FOR MINIMUM FOOTCANDLE ILLUMINATION ON LEVEL GROUND.



Note: 1fc for commercial projects
.3fc for residential projects



DISTANCE	Footcandles:	
	TD-12	TD-18
4'	1.2	1.7
8'	.27	.98
12'	.08	.53
16'	.01	.27

For conversion to lumens: Multiply footcandles x 10. See FX glossary for a full description of fc and lumens.

METALS



POWDERCOAT



** Denotes powdercoat finish

Note: Only the copper portions of the Pathlights are powdercoated. The brass pieces remain natural.



WALL LIGHTS

FX LUMINAIRE

The Intersection of Art & Engineering





SUBTLE APPEARANCE, SOFT, EVEN ILLUMINATION

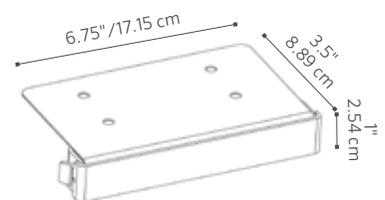
The BP is an under-the-cap masonry wall light available in a 10 Watt Xenon or Halogen bi-pin lamp and frosted glass lens for a soft and even illumination. The stainless steel under mount flange is easily fitted between the block wall and the top capstone for neat, clean installation.

With its sleek design and color variations, it can seamlessly blend into the wall and provide an intricate ambiance pedestrians can appreciate. However, the ambiance aside, the fixture will still provide a safe, well lit path.



Illuminate wall and path

As this photo shows, the BP can not only illuminate a path for safe pedestrian passage, it can highlight the intricacies of artisan creations such as stacked stone walls or stamped concrete pathways.





BP: Wall Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

FIXTURE CODE	LAMP CODE	FINISH OPTIONS
1 BP	2 10 (10,000 Hr Xenon)	3 XX (see options to right)
	10H (2,000 Hr Halogen)	

The BP comes standard with a 10 watt Xenon G4 and choice of finish.

EXAMPLE: BP-10-SS = BP - 10 W Xenon - Stainless Steel Finish

METALS



CU = Copper



SS = Stainless Steel



BS = Natural Brass

POWDERCOAT



WG = White Gloss



FW = Flat White



AL = Almond



BZ = Bronze Metallic



DG = Desert Granite



WI = Weathered Iron



VF = Verde Speckle



SB = Sedona Brown



FB = Flat Black



ORGANIC SHAPE, ENGINEERED QUALITY

The FX Luminaire halogen lamp CG was developed to fill the need for an unobtrusive specification grade wall light that would introduce glare-free illumination onto safety and circulation areas.

This 12v unit is a perfect choice for high traffic public areas or walls near people or water such as resort applications. An innovative adjustable lamp mount allows the installer to fine tune beam projection to suit project needs.

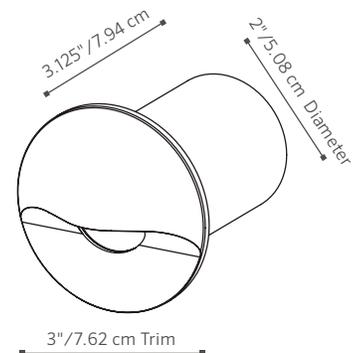
Solid brass and composite construction make this model a lasting value. Its deep cowling and recessed lamp position, when located and installed properly, allows pedestrians to view uphill without dangerous glare. Obviously, glare-free illumination should be the primary function of any fixture that is designed to provide safe passage through foot traffic hazards.



Timeless Beauty

Brass and copper have been used for a thousand years in nautical applications. Naval architects understood and explained the high strength and natural corrosion resistance of these semi-precious metals. The garden environment is as tough and caustic as any found in the high seas.

The brass will patina naturally over time and can be accelerated with solution spray.



ORDERING INFORMATION



CG: Wall Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

FIXTURE CODE	LAMP CODE	FINISH OPTIONS
1 CG	2 20 (42° beam, 2,000 Hrs Halogen)	3 XX (see options to right)
	20N (10° beam, 2,000 Hrs Halogen)	

The ML includes a 20 watt Halogen MR-8 lamp, spread lens, choice of faceplate finish and a mounting sleeve.

EXAMPLE: CG-20-BS = CG - 20 W Halogen - Natural Brass Finish

PHOTOMETRICS:

SPACING FOR MINIMUM FOOTCANDLE ILLUMINATION ON LEVEL GROUND.

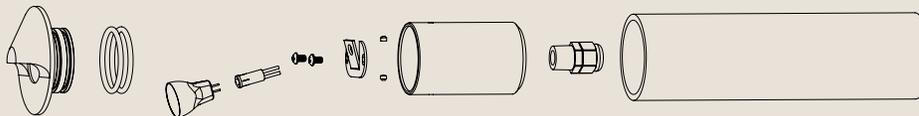


WALL	Footcandles:
2'	14
4'	2.5
6'	.93
8'	.53
10'	.38
12'	.1

DISTANCE FROM CENTER	CG-20
2'	14
4'	2.5
6'	.93
8'	.53
10'	.38
12'	.1

For conversion to lumens:
Multiply footcandles x 10.
See FX glossary for a full description of fc and lumens.

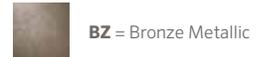
DETAIL:



METALS



POWDERCOAT



CP-10



COMMERCIAL QUALITY, RESIDENTIAL PRICE POINT

The CP is engineered to bring light to areas such as walkways, stairways and decks, as well as to other foot traffic hazards that don't have an adjacent planter area for path lighting or trees and trellis from which to down light.

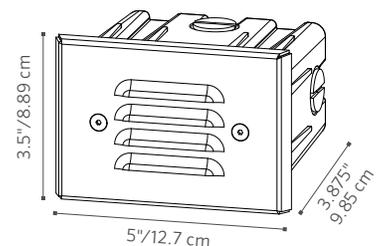
Incorporated into the design is the LevelX® feature. The LevelX assures the lighting installer that the faceplates of these permanently mounted fixtures will remain perfectly level upon completion of the installation. Many step and wall lights on the market today are designed so that if the mounting box is installed out-of-level, the faceplate, once installed, will also be noticeably out-of-level.

Some of the features of the CP include: Sleeve permanently mounted in concrete or wood wall combined with multiple threaded knockouts, easy-to-remove box for unforeseen future problems, which prevents having to chip away at the wall for repairs.



Perfection Every Time

With the LevelX feature built-in, the designer can be in complete comfort that the fixture will be installed on a perfectly level visual line. With the durable, sturdy materials, the user can have confidence that the fixture can last for years on end.



ORDERING INFORMATION



CP: Wall Light

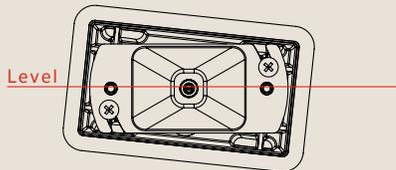
FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

FIXTURE CODE	LAMP CODE	FINISH OPTIONS
1 CP	2 10 (10,000 Hr Xenon)	3 XX (see options to right)
	10H (5,000 Hr Halogen)	

The CP includes a 10 watt Xenon or Halogen lamp, your choice of faceplate finish and a mounting sleeve.

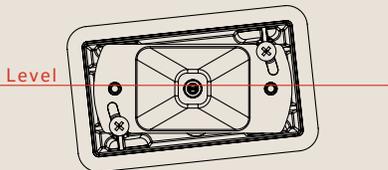
EXAMPLE: CP-10-BZ = CP - 10 W Xenon - Sedona Brown Finish

MOUNTING FEATURES AND DIMENSIONS:

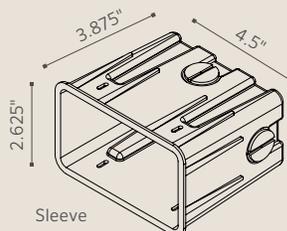
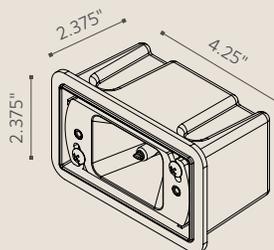
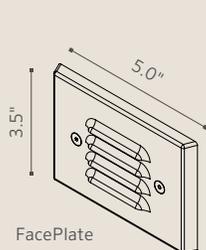


Perfection Every Time

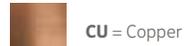
The LevelX system allows the composite sleeve to be up to $\frac{3}{8}$ " out of level, in either direction, while still allowing the faceplate to be laser level.



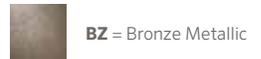
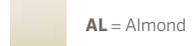
The secret: The trim attaches to the adjustable reflector assembly - not the composite sleeve or body. Heavy foam gasket keeps light spill to a minimum.



METALS



POWDERCOAT



LM-20



COMMERCIAL QUALITY, RESIDENTIAL PRICE POINT

The LM is engineered to bring light to areas such as walkways, stairways and decks as well as to other foot traffic hazards that don't have an adjacent planter area for path lighting or trees and trellis from which to down light.

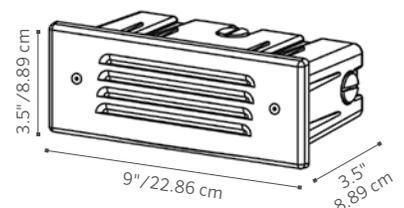
Incorporated into the design is the LevelX feature. The LevelX assures the lighting installer that the faceplates of these permanently mounted fixtures will remain perfectly level upon completion of the installation. Many step and wall lights on the market today are designed so that if the mounting box is installed out-of-level, the faceplate, once installed, will also be noticeably out-of-level.

Some of the features of the LM include: Sleeve permanently mounted in concrete or wood wall combined with multiple threaded knockouts, easy-to-remove box for unforeseen future problems, which prevents having to chip away at the wall for repairs.



Perfection Every Time

With the LevelX feature built-in, the designer can be in complete comfort that the fixture will be installed on a perfectly level visual line. With the durable, sturdy materials, the user can have confidence that the fixture can last for years on end.



ORDERING INFORMATION



LM: Wall Light

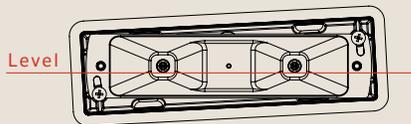
FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

FIXTURE CODE	LAMP CODE	FINISH OPTIONS
1 LM	2 20 (10,000 Hrs Xenon)	3 XX (see options to right)
	20H (2,000 Hrs Halogen)	

The LM includes two 10 watt Xenon or Halogen lamps, your choice of faceplate finish and a mounting sleeve.

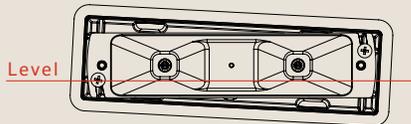
EXAMPLE: **LM-20-SB** = LM - 20 W Xenon - Sedona Brown Finish

MOUNTING FEATURES AND DIMENSIONS:

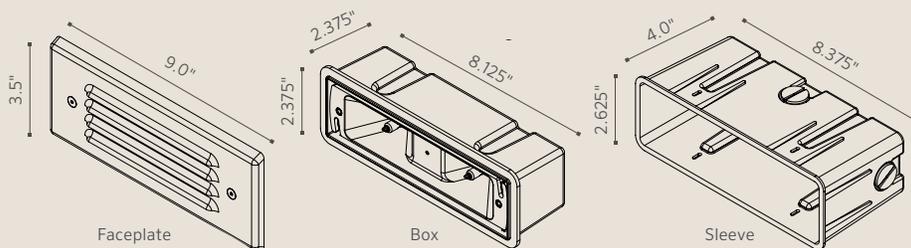


Perfection Every Time

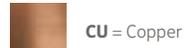
The LevelX system allows the composite sleeve to be up to $\frac{3}{8}$ " out of level, in either direction, while still allowing the faceplate to be laser level.



The secret: The trim attaches to the adjustable reflector assembly - not the composite sleeve or body. Heavy foam gasket keeps light spill to a minimum.



METALS



CU = Copper



NP = Nickel Plate

POWDERCOAT



WG = White Gloss



FW = Flat White



AL = Almond



BZ = Bronze Metallic



DG = Desert Granite



WI = Weathered Iron



VF = Verde Speckle



SB = Sedona Brown



FB = Flat Black

ML-20



ORGANIC SHAPE, ENGINEERED QUALITY

The FX Luminaire halogen lamp ML was developed to fill the need for an integral specification grade wall light that would introduce glare-free illumination onto safety and circulation areas.

This 12v unit is a perfect choice for high traffic public areas or walls near people or water such as resort applications. An innovative adjustable lamp mount allows the installer to fine tune beam projection to suit project needs.

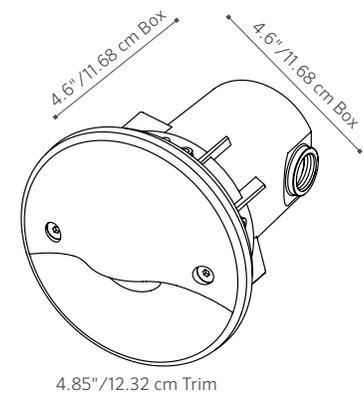
Solid brass and composite construction make this model a lasting value. Its deep cowl and recessed lamp position, when located and installed properly, allows pedestrians to view uphill without dangerous glare. Obviously, glare-free illumination should be the primary function of any fixture that is designed to provide safe passage through foot traffic hazards.



Blends in Anywhere

The solid brass faceplate trim has an organic shape that doesn't speak of a specific architecture, which allows the ML to be specified on projects of all ages.

Brass will develop a penny brown or moss green patina with age depending on exposure. This process will happen naturally over time or can be accelerated with solution spray.



ORDERING INFORMATION



ML: Wall Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

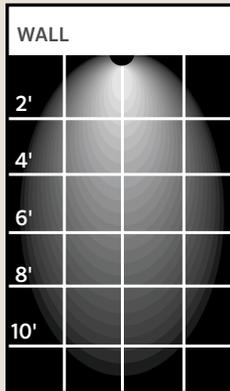
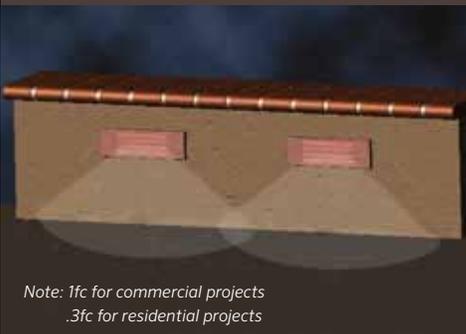
FIXTURE CODE	LAMP CODE	FINISH OPTIONS
1 ML	2 20 (32° beam, 2,000 Hrs Halogen)	3 XX (see options to right)

The ML includes a 20 watt Halogen AR-11 lamp, spread lens, choice of faceplate finish and a mounting sleeve.

EXAMPLE: **ML-20-DG** = ML - 20 W Halogen - Desert Granite Finish

PHOTOMETRICS:

SPACING FOR MINIMUM FOOTCANDLE ILLUMINATION ON LEVEL GROUND.



For conversion to lumens: Multiply footcandles x 10. See FX glossary for a full description of fc and lumens.

DETAIL:



METALS



POWDERCOAT



MM-10



RUGGED, SMALL, AND A CINCH TO INSTALL

When an integral mount is not practical, specify the surface mounted MM. To mount, the installer simply drills a 1/4" wireway hole through the post or wall to connect fixture to mainline. Then with the provided screws, they attach the MM to the surface.

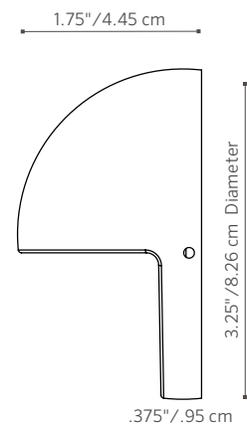
The MM fully demonstrates the micro scale of current 12v halogen lamp technology. The internal parabolic reflector maximizes lighting efficiency. Tempered glass diffuser optics softens the beam spread transition. The MM's narrow profile and wide range of powdercoat options allow it to blend into any surrounding.



Remodel with Ease

The MM is a great choice for remodel projects where integral sleeving of wall lights is not feasible. A single 1/4" hole out the back (easy to waterseal) ties the MM to the 12 gauge mainline.

A great application for the MM is to mount it to a deck railing post over a color pot. This brings the nighttime deck garden to life by accenting the color and throwing shadows on the deck surface.





MM: Wall Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

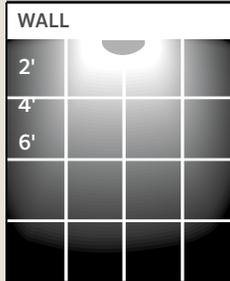
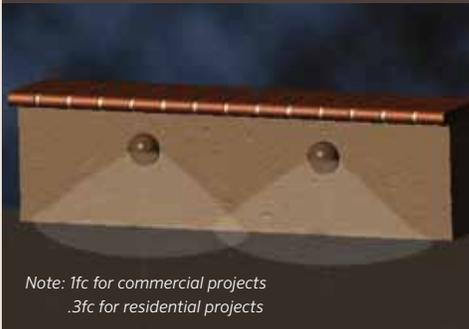
FIXTURE CODE	LAMP CODE	FINISH OPTIONS
1 MM	2 10 (10,000 Hr Xenon)	3 XX (see options to right)
	10H (5,000 Hr Halogen)	

The MM includes a your choice of 10 watt Xenon or Halogen lamp and choice of finish.

EXAMPLE: MM-10-BZ = MM - 10 W Xenon - Bronze Metallic Finish

PHOTOMETRICS:

SPACING FOR MINIMUM FOOTCANDLE ILLUMINATION ON LEVEL GROUND.



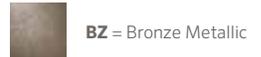
Footcandles:	
DISTANCE FROM CENTER	MM-10
2'	1.7
4'	.4
6'	.10

For conversion to lumens:
Multiply footcandles x 10.
See FX glossary for a full description of fc and lumens.

METALS



POWDERCOAT





COMMERCIAL QUALITY, RESIDENTIAL PRICE POINT

The PD is engineered to bring light to areas such as walkways, stairways and decks, as well as to other foot traffic hazards that don't have an adjacent planter area for path lighting or trees and trellis from which to down light.

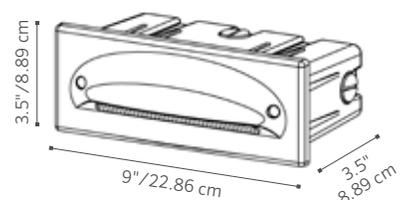
Incorporated into the design is the LevelX feature. The LevelX assures the lighting installer that the faceplates of these permanently mounted fixtures will remain perfectly level upon completion of the installation. Many step and wall lights on the market today are designed so that if the mounting box is installed out-of-level, the faceplate, once installed, will also be noticeably out-of-level.

Some of the features of the PD include: Sleeve is permanently mounted in concrete or wood wall combined with multiple threaded knockouts, easy-to-remove Box for unforeseen future problems prevents having to chip away at the wall for repairs, and corrosion-free stainless steel inserts.



Perfection Every Time

With the LevelX feature built-in, the designer can be in complete comfort that the fixture will be installed on a perfectly level visual line. With the durable, sturdy materials, the user can have confidence that the fixture can last for years on end.



ORDERING INFORMATION



PD: Wall Light

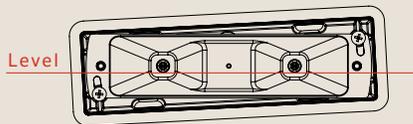
FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

FIXTURE CODE	LAMP CODE	FINISH OPTIONS
1 PD	2 20 (10,000 Hrs Xenon)	3 XX (see options to right)
	20H (2,000 Hrs Halogen)	

The PD includes two 10 watt Xenon or Halogen lamps, your choice of faceplate finish and a mounting sleeve.

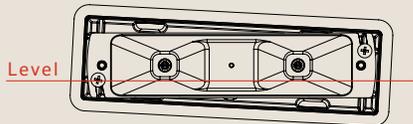
EXAMPLE: PD-20-DT = PD - 20 W Xenon - Desert Tan Finish

MOUNTING FEATURES AND DIMENSIONS:

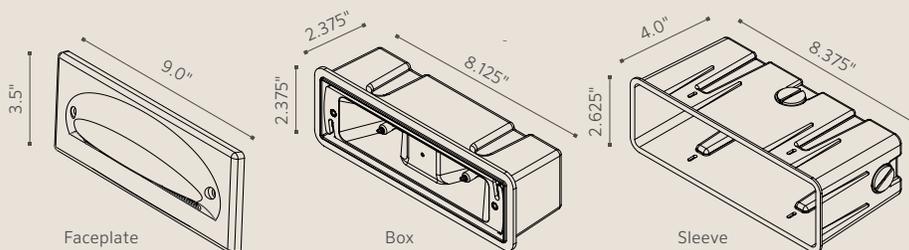


Perfection Every Time

The LevelX system allows the composite sleeve to be up to $\frac{3}{8}$ " out of level, in either direction, while still allowing the faceplate to be laser level.



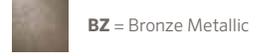
The secret: The trim attaches to the adjustable reflector assembly - not the composite sleeve or body. Heavy foam gasket keeps light spill to a minimum.



METALS



POWDERCOAT



COMPOSITE



Note: Composite finishes cannot be powdercoated

UN-10


**COMMERCIAL QUALITY,
RESIDENTIAL PRICE POINT**

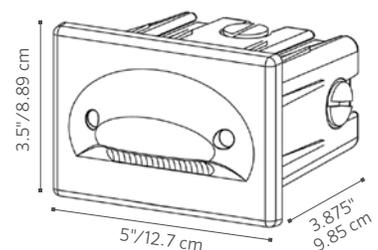
The UN is engineered to bring light to areas such as walkways, stairways and decks as well as to other foot traffic hazards that don't have an adjacent planter area for path lighting or trees and trellis from which to down light.

Incorporated into the design is the LevelX feature. The LevelX assures the lighting installer that the faceplates of these permanently mounted fixtures will remain perfectly level upon completion of the installation. Many step and wall lights on the market today are designed so that if the mounting box is installed out-of-level, the faceplate, once installed, will also be noticeably out-of-level.

Some of the features of the UN include: Sleeve permanently mounted in concrete or wood wall combined with multiple threaded knockouts, easy-to-remove Box for unforeseen future problems which prevents having to chip away at the wall for repairs.


Perfection Every Time

With the LevelX feature built-in, the designer can be in complete comfort that the fixture will be installed on a perfectly level visual line. With the durable, sturdy materials, the user can have confidence that the fixture can last for years on end.



ORDERING INFORMATION



UN: Wall Light

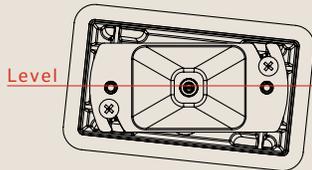
FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

FIXTURE CODE	LAMP CODE	FINISH OPTIONS
1 UN	2 10 (10,000 Hr Xenon)	3 XX (see options to right)
	10H (5,000 Hr Halogen)	

The UN includes a 10 watt Xenon or Halogen lamp, your choice of faceplate finish and a mounting sleeve.

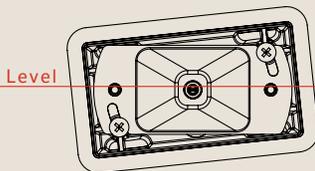
EXAMPLE: UN-10H-CB = UN - 10 W Halogen - Camo Bronze Finish

MOUNTING FEATURES AND DIMENSIONS:

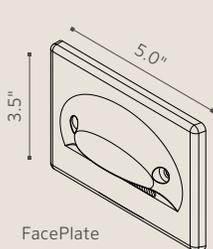


Perfection Every Time

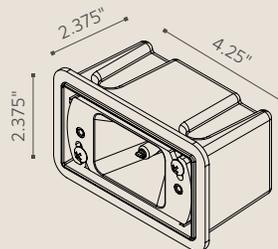
The LevelX system allows the composite sleeve to be up to $\frac{3}{8}$ " out of level, in either direction, while still allowing the faceplate to be laser level.



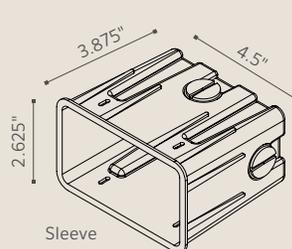
The secret: The trim attaches to the adjustable reflector assembly - not the composite sleeve or body. Heavy foam gasket keeps light spill to a minimum.



FacePlate



Sleeve



METALS



BS = Natural Brass



NP = Nickel Plate

POWDERCOAT



WG = White Gloss



FW = Flat White



AL = Almond



BZ = Bronze Metallic



DG = Desert Granite



WI = Weathered Iron



VF = Verde Speckle



SB = Sedona Brown



FB = Flat Black

COMPOSITE



CB = Camo Bronze



DT = Desert Tan

Note: Composite finishes cannot be powdercoated



DOWN LIGHTS

FX LUMINAIRE

The Intersection of Art & Engineering



CL-20, CL-35



GLARE-FREE ILLUMINATION

The FX Luminaire CL was created from the need for a high quality fixture that would be at home in fine landscapes or architectural structures such as trellises, arbors, or dining pavilions.

The CL is precisely machined from solid copper which blends beautifully with redwood surroundings. Installation is clean and simple with low voltage lights, so there is no need for conduit which destroys the appearance of finely crafted structures.

The CL can be installed without any visible wiring or mounting hardware. This fixture is to exterior lighting what recessed lights are to interior lighting in that they both introduce glare-free illumination without being intrusive.

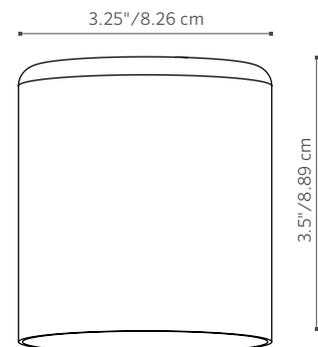


Long-Term Contribution

The key to successful outdoor lighting is to incorporate the equipment into the structures or garden without introducing a conflicting design element.

Milled from solid copper, the CL is engineered to make a long term contribution to any fine project. Compare FX copper luminaires with any other, you will find a dramatic difference in quality of materials, precision of fit and consistency of finish.

Note: This fixture is designed for down lighting only.





CL: Down Light

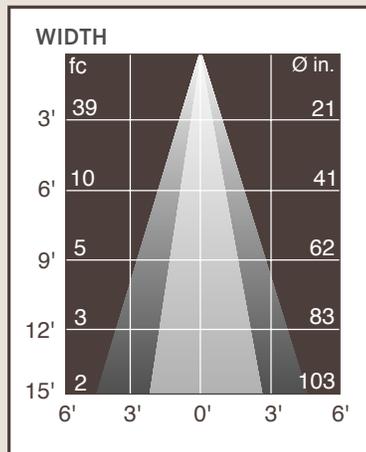
FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

FIXTURE CODE	LAMP CODE	FINISH OPTIONS
1 CL	2 20 (32° beam, 2,000 Hr Halogen)	3 XX (see options to right)
	20N (18° beam, 2,000 Hr Halogen)	
	20V (6° beam, 2,000 Hr Halogen)	
	35 (32° beam, 2,000 Hr Halogen)	

The CL includes your choice of Halogen AR-11 lamp, and choice of finish.

EXAMPLE: CL-20-SB = CL - 20 Watt Halogen - Sedona Brown Finish

PHOTOMETRICS:



20 Watt

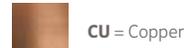
KEY

Ø: circle diameter in inches at that distance from the lamp.

fc: footcandle

For approximate conversion to lumens, multiply footcandles by 10

METALS



POWDERCOAT



LS-12



FOR VERY SMALL SCALE DOWN LIGHTING

When a moonlighting effect is desired, but the caliper of a tree is too small, specify the FX Luminaire LS. This micro down light actually hangs from the host tree by a cinch tie requiring no screws or permanent hardware. Use two or more fixtures for an even illumination.

A small brass hook is included for beam mounted applications. Milled from heavy copper and solid brass hardware, this luminaire incorporates a frosted glass lamp to soften beam spread edge. The LS can be hung 24" off ground level without overpowering the garden space below.

For larger scale plant material that requires a higher mounting height, specify the halogen VL.

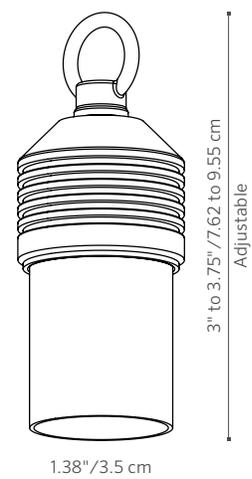


Multiple Effects

Small-scale plants in focal planter areas can become the host for a micro-moon lighting effect. When combined with SI lights the LS creates a "reflected light" effect.

Compare FX copper luminaires with any other, and you will find a dramatic difference. We use the heaviest gauge materials in the industry for long-lasting performance.

Note: This fixture is designed for down lighting only.



ORDERING INFORMATION



LS: Down Light

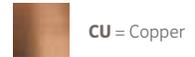
FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

FIXTURE CODE	LAMP CODE	FINISH OPTIONS
1 LS	2 12 (2,000 avg. life hours)	3 XX (see options to right)

The LS includes a 12 watt Frosted incandescent lamp and Copper finish.

EXAMPLE: **LS-12-CU** = LS - 12 W - Copper Finish

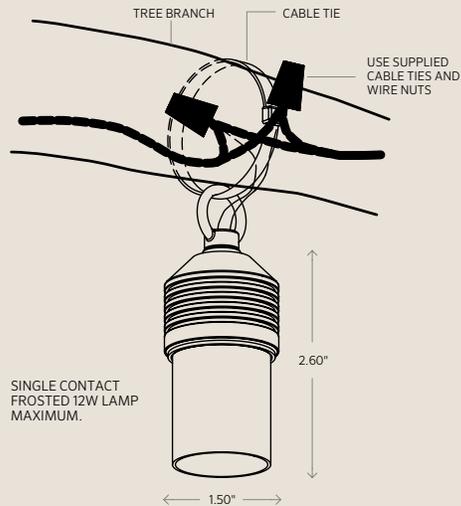
METALS



TREE BRANCH INSTALLATION:

FX Luminaire LS. Hang with provided cable tie. Cinch cable tie so it is loose to allow tree growth. Replace cable tie each time lamp is replaced.

Make connection to 12 - 16 gauge mainline on the back side of branch out of sight



THIS FIXTURE IS DESIGNED FOR DOWN LIGHTING ONLY! DO NOT USE FOR UP LIGHTING.

MD-10, SP-20, SP-35, SP-50



A RELIABLE, QUALITY DOWN LIGHT

The MD is specifically designed for down light applications. It features a specially engineered shield cover and knuckle assembly keep moisture outside of the fixture.

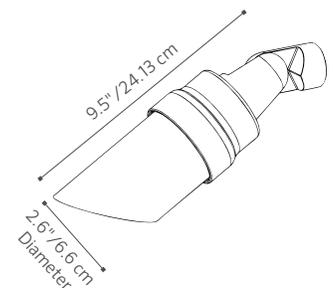
This allows for dependable performance year after year even in the harshest environments.

It is designed to closely resemble our MU up light so designers can easily match an entire job with both fixtures.



Features and Flexibility Abound

With so many features and convenient wattage options to choose from, the MU is the go-to halogen down light solution for an array of applications.



ORDERING INFORMATION



MD: Down Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

FIXTURE CODE	LAMP CODE [†]			FINISH OPTIONS
1 MD	2 10N (12k)	35V (5k)	50V (10k)	3 XX (see options to right)
	10 (12k)	35N (5k)	50N (5k)	
	20V (5k)	35N (10k)	50N (10k)	
	20 (5k)	35 (5k)	50 (5k)	
	20-10k	35-10k	50-10k	
	20-12k	35-18k	50-18k	
	20W (5k)	50V (5k)	50W (5k)	

[†] Beam Angle: V = Very narrow (12°) N = Narrow (21-24°) W = Wide (60°) No initial = Standard (36°)
Average Lamp Life (hrs): 5k (5000) 10k (10,000) 12k (12,000) 18k (18,000)

The MD includes your choice of Halogen MR-16 lamp, clear lens and your choice of finish. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS

MJ-050 (Mini J-Box, 3.5" x 2.125" x 1.32")

VB-050 (VersaBox, 2.5" x 2")

TB (Tree Box, 5.4" x 2.35" x 2.1")



MJ-050-XX*



VB-050-XX*



TB-XX**

POWDERCOAT



WG = White Gloss



FW = Flat White



AL = Almond



BZ = Bronze Metallic



DG = Desert Granite



WI = Weathered Iron



VF = Verde Speckle



SB = Sedona Brown



FB = Flat Black

** Denotes powdercoat finish

EXAMPLE: MD-20-WG = MD - 20 Watt Halogen - White Gloss Finish

NOTE: For photometric chart, see chart for Halogen MR-16 in the last section of the Resource Guide

TC-20



TIME TESTED, FLEXIBLE AND DURABLE

The TC is at home in fine landscape architectural structures such as arbors, trellises or dining pavilions.

This fixture is designed to surface mount onto beams or posts. The halogen lamp is adjustable to allow maximum forward projection making this unique model well suited for illuminating steps or color pots from adjacent structures.

Milled from very heavy gauge, solid copper with stainless hardware, this luminaire will enhance any fine lighting project. The false bottom internal plate obscures wirenut connection for a clean finish.

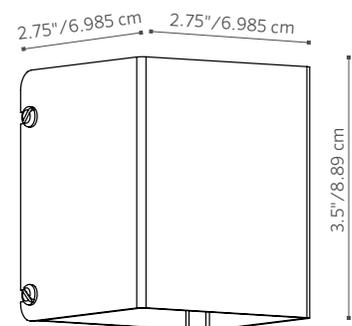
The white powder coated unit looks great in a small modern trellis design—the copper TC works well in craftsman style structures.



Blends in Effortlessly

The key to successful outdoor lighting is to incorporate the equipment into the structures or garden without introducing a conflicting design element. The TC's simple geometric form allows it to disappear into any fine trellis or arbor.

Note: This fixture is designed for down lighting only.





TC: Down Light

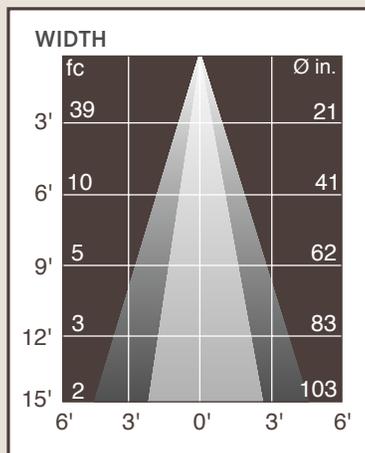
FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

FIXTURE CODE	LAMP CODE	FINISH OPTIONS
1 TC	2 20 (32° beam, 2,000 Hr Halogen)	3 XX (see options to right)
	20N (18° beam, 2,000 Hr Halogen)	
	20V (6° beam, 2,000 Hr Halogen)	

The TC includes your choice of Halogen AR-11 lamp and choice of finish.

EXAMPLE: TC-20-DG = TC - 20 Watt Halogen - Desert Granite Finish

PHOTOMETRICS:



20 Watt

KEY

ø: circle diameter in inches at that distance from the lamp.

fc: footcandle

For approximate conversion to lumens, multiply footcandles by 10

METALS

 CU = Copper

 NP = Nickel Plate

POWDERCOAT

 WG = White Gloss

 FW = Flat White

 AL = Almond

 BZ = Bronze Metallic

 DG = Desert Granite

 WI = Weathered Iron

 VF = Verde Speckle

 SB = Sedona Brown

 FB = Flat Black

TS-20, TS-35, TS-50

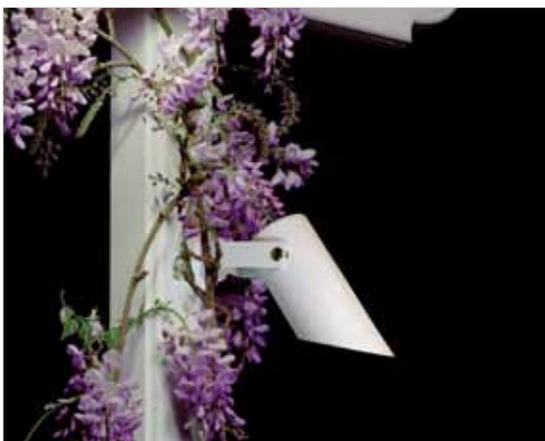


SMOOTH, PRECISE MOONLIGHTING

Our TS is currently the most advanced micro down light available. Machined from aerospace grade aluminum alloy and finished with an industrial grade polyester powdercoat, the TS is built to last. The mounting base swivels and pivots on nylon bushings, allowing for smooth, precise aiming after installation.

This fixture is an outdoor “track light” giving the exterior lighting designer a full range of previously interior only lighting effects. Deep cowl provides unsurpassed glare control, thereby avoiding hot spots typical of most down lights.

Because of its micro size and high intensity, the TS-20 is a natural for moonlighting from small trees and down lighting from medium size patio trees. Specify TS-50 for larger specimens and controlled lighting.

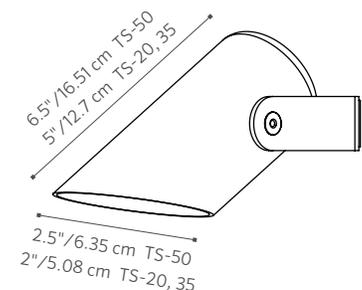


Landscape Track Light

With a lamp range from 20-50 Watts, the TS series can introduce glare-free illumination to a wide variety of outdoor environments. This trellis provides a perfect platform for the TS, and the white finish blends in perfectly.

The copper will patina naturally over time and can be accelerated with solution spray.

Note: This fixture is designed for down lighting only.



ORDERING INFORMATION



TS: Down Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

FIXTURE CODE	LAMP CODE	FINISH OPTIONS
1 TS	2 20 (32° beam, 2,000 Hr Halogen)	3 XX (see options to right)
	20V (18° beam, 2,000 Hr Halogen)	
	20V (6° beam, 2,000 Hr Halogen)	
	35 (32° beam, 2,000 Hr Halogen MR-11)	
	50 (25° beam, 2,000 Hr Halogen)	
	50N (10° beam, 2,000 Hr Halogen AR-20)	

The TS includes your choice of Halogen AR lamp and choice of finish. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS

MJ-TS (Mini J-Box, 3.5" x 2.125" x 1.32")

VB-TS (VersaBox, 2.5" x 2")



MJ-TS

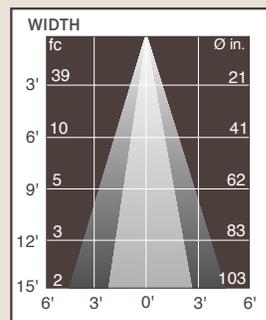


VB-TS

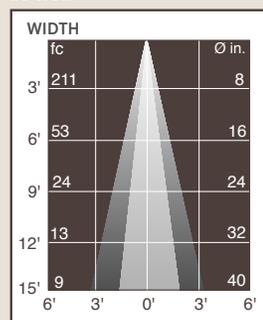
EXAMPLE: **TS-20-DG** = TS - 20 W Halogen - Desert Granite Finish

PHOTOMETRICS:

20 Watt



50 Watt



KEY

ø: circle diameter in inches at that distance from the lamp.

fc: footcandle. For approximate conversion to lumens, multiply footcandles by 10.

METALS



CU = Copper



NP = Nickel Plate

POWDERCOAT



WG = White Gloss



FW = Flat White



AL = Almond



BZ = Bronze Metallic



DG = Desert Granite



WI = Weathered Iron



VF = Verde Speckle



SB = Sedona Brown



FB = Flat Black

VL-20



SMALL, POWERFUL HANGING LIGHT

When a moonlighting effect is desired, but the caliper of a tree is too small to use the TS series, specify VL by FX Luminaire.

This micro down light actually hangs from the host tree by a cinch tie requiring no screws or permanent hardware. A small brass hook is also included for beam mounted applications.

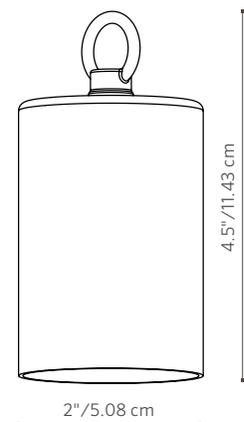
Milled from heavy copper and solid brass hardware, the VL incorporates a long life halogen lamp originally designed for aerospace which has an integral frosted lens. Use two or more fixtures per tree for an even illumination.

An elegant moonlight effect is produced when an evening breeze gently swings the VL making foliage shadow patterns dance on the ground below.



The Ease of Light

Use low voltage lighting to transform and prolong the use of your garden. Highlight a magical scene and create desired effects with simple, clean fixtures. As the sky turns to a deeper shade of violet, your garden can come to life with the golden glow of copper fixtures. Unify your garden, obliterate shadows, make the shadows of branches dance on sidewalk.



ORDERING INFORMATION



VL: Down Light

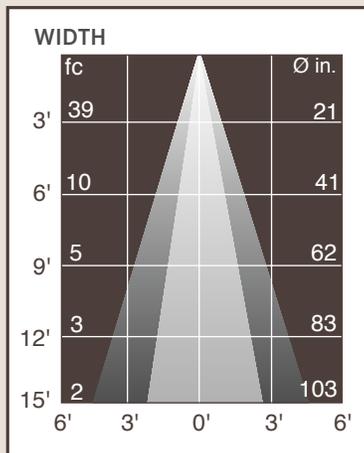
FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

FIXTURE CODE	LAMP CODE	FINISH OPTIONS
1 VL	2 20 (32° beam, 2,000 Hr Halogen)	3 XX (see options to right)
	20N (18° beam, 2,000 Hr Halogen)	
	20V (6° beam, 2,000 Hr Halogen)	

The VL includes your choice of Halogen AR-11 lamp, and choice of finish.

EXAMPLE: VL-20-CU = VL - 20 Watt Halogen - Copper Finish

PHOTOMETRICS:



20 Watt

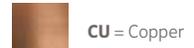
KEY

Ø: circle diameter in inches at that distance from the lamp.

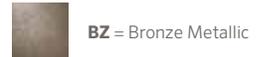
fc: footcandle

For approximate conversion to lumens, multiply footcandles by 10

METALS



POWDERCOAT



WELL LIGHTS

FX LUMINAIRE

The Intersection of Art & Engineering



CF-20, CF-35



THE ANSWER TO YOUR WELL LIGHT DREAMS

The Design and superior fire resistant materials address this industry-wide issue of fire risk with several exclusive features. The integral honey comb grate serves to prevent debris build up and provides superior glare protection. Exclusive Halogen PAR36 lamps are available in both 20 and 35 Watts.

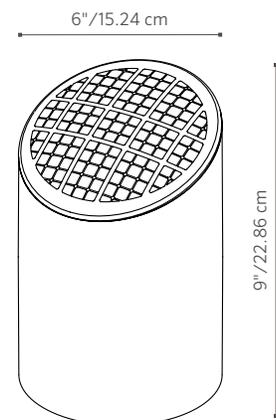
Where the typical PAR36 lamp is rated at 300-3000 hours, the Halogen lamp is rated at 4,000 hours. This rail system allows for easy lamp access and fine tuning. No sharp stainless edges to cut your fingers.



The best house on the block

Fully encapsulated lamp housing keeps terminals and lamp from being stuck in the mud. This is a very common source of system problems with inferior PAR36 Well Light products. The CF goes both ways—just flip the housing and, as if by magic, the grate fits both sides. The grate is both Lawn Mower and Planter Debris approved for application flexibility.

This lighting fixture is rated for transient landscape moisture—it is not an underwater light.



ORDERING INFORMATION



CF: Well Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

FIXTURE CODE	LAMP CODE	FINISH OPTIONS
1 CF	2 20 (40° beam, 4,000 Hr Halogen)	3 XX (see options to right)
	35 (40° beam, 4,000 Hr Halogen)	

The CF includes your choice of Halogen PAR36 lamp and choice of finish.

EXAMPLE: **CF-20-CB** = CF - 20 Watt Halogen - Camo Brown Finish

COMPOSITE



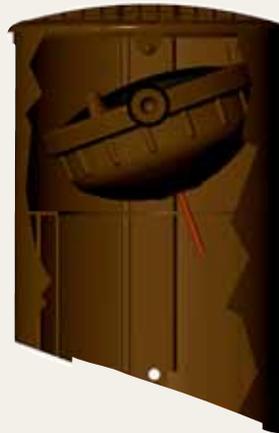
Note: Composite finishes can not be powdercoated

INSTALLATION NOTE:

Angled Installation



Flat Installation

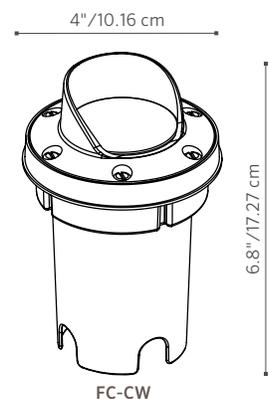
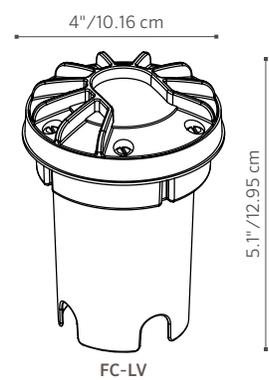
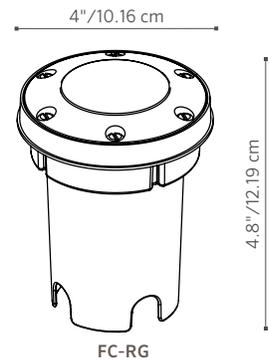


For application flexibility, the CF can be installed at either end. The grate and lamp will fit both the angled or flat side of the CF body.



RETHINK LIGHTING BY GOING UNDERGROUND

At FX, we understand bigger is not always better. The subterranean FC introduces glare-free controlled illumination into smaller scale spaces. Applications can include installing behind a potted plant and in front of the column at the entry to a stately residence. The variety of cowl and lamp options allows the FC to have an answer to most of lighting's pint-size problems.



Increase your passion

You have a passion for your garden. With FX, soon that passion will be for lighting, and your garden will never be the same. You can't put just anything into a well-designed landscape. The FC will bring controlled light into a scene without exposing the source or overpowering the subject matter. Get ready to rethink lighting.

This lighting fixture is rated for transient landscape moisture-it is not an underwater light.

ORDERING INFORMATION



FC: Well Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 + 4			
FIXTURE CODE	LAMP CODE	GRATE CODE	FINISH OPTIONS
1 FC	2 20 (36° beam, 2,000 Hr Halogen)	3 CW (Cowling)	4 XX
		LV (Louver)	(see options to right)
		RG (Ring)	

The FC includes a 20 watt Halogen MR-11 lamp and choice of finish. Field Installed Options must be ordered separately and will come in a separate box.

EXAMPLE: FC-20-CW-CB = FC - 20 Watt Halogen - Cowling - Camo Bronze Finish

METALS



BS = Natural Brass



NP = Nickel Plate

COMPOSITE



CB = Camo Bronze



DT = Desert Tan

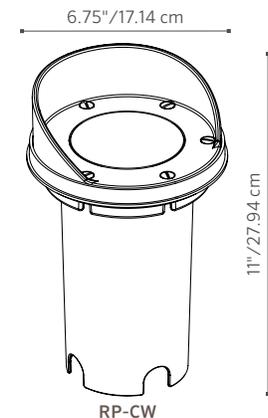
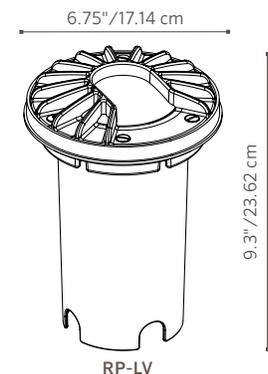
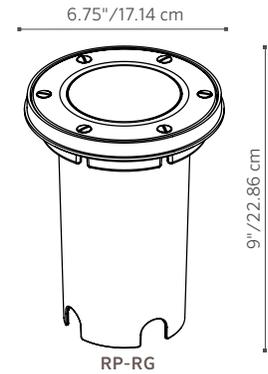
Note: Composite finishes can not be powdercoated

RP-20, RP-35, RP-50



READY TO MEET YOUR SUBTERRANEAN DEMANDS

When power and control are demanded from a subterranean fixture, you will not find a more versatile product than the RP. It can be configured to wall wash from tight spaces with a spread beam or provide a long narrow projection of light for a tall palm, even after installation. There is a whole family of accessories to shape, color and glare control light for maximum effect.



Do you like to be in control?

Then go underground with the RP. Do you need to wall wash from tight spaces? No problem. But, what if you need a long projection of light for a large tree? Sure, it can do that too, even after installation. For those who appreciate excellence, this is the light your landscape can't be without.

This lighting fixture is rated for transient landscape moisture-it is not an underwater light.

ORDERING INFORMATION



RP: Well Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 + 4						
FIXTURE CODE	LAMP CODE [†]			GRATE CODE	FINISH OPTIONS	
1 RP	2 10N (12k)	35V (5k)	50V (10k)	3 CW (Cowling)	4 XX	
	10 (12k)	35N (5k)	50N (5k)	LV (Louver)	(see options to right)	
	20V (5k)	35N-10k	50N-10k	RG (Ring)		
	20 (5k)	35 (5k)	50 (5k)			
	20-10k	35-10k	50-10k			
	20-12k	35-18k	50-18k			
	20W (5k)	50V (5k)	50W (5k)			

[†] Beam Angle: V = Very narrow (12°) N = Narrow (21-24°) W = Wide (60°) No initial = Standard (36°)
Average Lamp Life (hrs): 5k (5000) 10k (10,000) 12k (12,000) 18k (18,000)

The RP includes your choice of Halogen MR-16 lamp and choice of finish. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually	
GLARE CONTROL CODE	LENS CODE
Hex Baffle (250015260000)	Frosted (250015170000)
Recessor Ring (RRMR16)	Spread (250013550000)
	Solite Spread (250015240000)
	Dichroic Peach (250015230000)
	Dichroic Blue (250015200000)
	Dichroic Green (250015210000)
	Dichroic Red (250015220000)
	Light Blue (250015190000)
	Light Green (250015180000)

EXAMPLE: **RP-35-LV-DT** = RP - 35 Watt Halogen - Louver - Desert Tan Finish
250015170000 = Frosted Lens

METALS



COMPOSITE



Note: Composite finishes can not be powdercoated

TE-20, TE-35, TE-50



HIGH PERFORMANCE, PRECISION BUILT

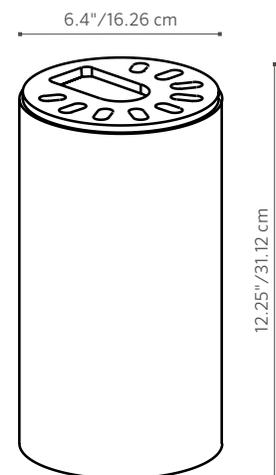
Let's face it, nowadays most manufacturers are focused on quantity, not quality, and that can leave you sitting in the hot seat when a product fails. This is why FX has created the TE to add to our line of superb luminaires. The TE incorporates aerospace materials and marine components to insure its high performance in the most extreme environments.

The classic failure of well lights is moisture penetration into the lamp compartment, so, instead of trying to seal the entire unit, we decided to protect the only area that truly needs to be kept dry—the lamp housing. To accomplish this task, a water seal was designed that rivals underwater light performance.

A full three axis stainless steel aiming mechanism allows the installer to precisely target landscape elements while minimizing unwanted glare.

Raw Materials

The TE's body is precision milled to tolerances reaching 1/10,000 of an inch from solid billet aerospace grade aluminum alloy. There are many different alloys from which to choose—FX uses only materials that provide maximum corrosion resistance, mechanical strength and superior thermal dispersion qualities.



ORDERING INFORMATION



TE: Well Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

FIXTURE CODE	LAMP CODE [†]			FINISH OPTIONS
1 TE	2 10N (12k)	35V (5k)	50V (10k)	3 XX (see options to right)
	10 (12k)	35N (5k)	50N (5k)	
	20V (5k)	35N-10k	50N-10k	
	20 (5k)	35 (5k)	50 (5k)	
	20-10k	35-10k	50-10k	
	20-12k	35-18k	50-18k	
	20W (5k)	50V (5k)	50W (5k)	

[†] Beam Angle: V = Very narrow (12°) N = Narrow (21-24°) W = Wide (60°) No initial = Standard (36°)
Average Lamp Life (hrs): 5k (5000) 10k (10,000) 12k (12,000) 18k (18,000)

The TE includes your choice of Halogen MR-16 lamp, clear lens and Brass finish. Field Installed Options must be ordered separately and will come in a separate box.

FIELD INSTALLED OPTIONS: Order Individually

GLARE CONTROL CODE	LENS CODE
Hex Baffle (250015260000)	Frosted (250015170000)
Recessor Ring (RRMR16)	Spread (250013550000)
	Solite Spread (250015240000)
	Dichroic Peach (250015230000)
	Dichroic Blue (250015200000)
	Dichroic Green (250015210000)
	250015220000 (Dichroic Red)
	Light Blue (250015190000)
	Light Green (250015180000)

EXAMPLE: **TE-20-NP**= TE - 20 Watt Halogen - Nickel Plate Finish
250015240000 = Solite Spread

METALS



BS = Natural Brass



NP = Nickel Plate

MISCELLANEOUS

FX LUMINAIRE

The Intersection of Art & Engineering



Accessories

Super Slot Spike



This 8" spike is the standard for all FX up lights and small path lights. Constructed from UV resistant ABS it incorporates a composite thread insert featuring a slot cut out of the threads for your wires. **SSS: 753900**

Long Slot Spike



This 10" spike is standard for all of the FX grande path lights. Constructed from UV resistant ABS it incorporates a composite thread insert featuring a slot cut out of the threads for your wires. **LSS: 250015840000**

SuperJ-Box



The top cap of the SJ is solid brass and can be powdercoated to match your FX fixture. Fits onto our Long Slot Spike to create an attractive, easy to install wirenut J-Box. **SJ-XX****

Post Mount



The Post Mount is milled from solid brass or aluminum alloy and powdercoated to match your FX fixture. Includes 12" PVC pipe mount. Sturdier than the Super J-Box when cast into a concrete footer. 2.5" x 12.5" **PM-XX****

Tree Box



The Tree Box is an add-on that allows fixtures to be mounted to trees safely and securely so designers can position lights to create memorable vignettes by enhancing flexibility. Available in all FX powdercoat finishes. 5.4" x 2.35" x 2.1" **TB-XX****

Mini J-Box



This micro aluminum option allows the TS (MJ-TS) and any fixture with a 1/2" thread (MJ-050) to be surface mounted to trees and eaves without an exposed wirenut connection. Includes all necessary mounting hardware. Available in all powdercoat FX finishes. 3.5" x 2.125" x 1.32" **MJ050-XX****
MJTS-XX** (for TS only)

Accessories

VersaBox®



The VersaBox is an innovative mounting box that can be screw mounted to an eave or surface mounted on decks. Use the VB with all FX path lights, spotlights or TS series down lights. Made from solid brass, can be powdercoated to match your FX fixture. 2.25" dia. x 1.75" **VB050-XX**** **VBTS-XX**** (for TS only)

Wall Mount



The wall mount replaces the 1/2" threaded component of the fixture, and provides a quick and easy way to mount an FX up or down light to flat surfaces. The WM is available as a factory installed option on the JB. WM is not applicable to any brass fixtures. **WM-XX****

Variable Height Riser



The Variable Height Riser for up lights is an innovative way to raise and lower up lights above growing foliage up to 7". Buried into the ground, an easy tightening cap allows you to adjust the riser to the perfect height throughout the year. Compatible with 1/2" mount up lights. **VHRUL**

Well Light



Designed for installation in turf or gravel areas where a flush mounted up light is required. This model is not recommended for use in areas that receive ground cover as it will obscure the optical opening after a short time. Fixture sold separately. **WL-XX****

LiteGuard



The LiteGuard housing protects the up light from plant material and keeps it out of sight. The open top design facilitates fixture adjustment and relamping. Fixture sold separately. **LGNF**

PXSYNC



The PXSYNC is a 24VAC relay box for use with a PX transformer for controlling a landscape lighting system. PXSYNC functions a transformer just like a valve using a Pro-C with FX or I-Core station. **PXSYNC**

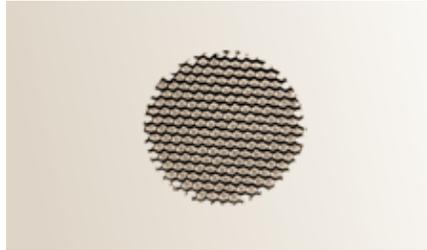
Accessories

RecessorRing



To reduce glare to a minimum specify the RecessorRing option for the MU, LO and TE. This alloy unit fits inside the fixture housing (in front of the lamp) recessing it back away from the fixture opening thereby internally cutting off glare. **RRMR16**

Hex Baffle



The alloy honeycomb Hex Baffle fits inside the lens cap of all FX spotlight fixtures to internally cut off light spill to 45°.

250015260000 (MR16)

250015250000 (MR11)

LED Filters



Every FX path, up and down light includes amber, green, blue and frosted filters. These filters can also be stacked on each other to create custom or richer colors.

Halogen Filters



For Halogen MR-16 and MR-11 filters, refer to the part numbers below .

250015180000 (for MR-16 Light Green)

2500151950000 (for MR-16 Light Blue)

2500152300000 (for MR-16 Dichroic Peach)

2500152000000 (for MR-16 Dichroic Blue)

2500152100000 (for MR-16 Dichroic Green)

2500152200000 (for MR-16 Dichroic Red)

2500101400000 (for MR-11 Dichroic Peach)

2500101600000 (for MR-11 Dichroic Blue)

2500151700000 (for MR-16 Frosted)

2500104800000 (for MR-11 Frosted)

2500152400000 (for MR-16 Solite Spread)

2500154200000 (for MR-11 Solite Spread)

2500135500000 (for MR-16 Spread)

Lamp Chart

LAMP	COMMENTS	WATTAGE	BEAM ANGLE	FOR USE WITH	
	Halogen MR-8	2,000 Average Life Hour	20	Wide	CG
			20N	Narrow	CG
	Halogen MR-11	2,000 Average Life Hour	10	Wide	SM
			20	Wide	FC, MP, SM
			35	Wide	CL, TS, SM
	Halogen MR-16	5,000 Average Life Hour	20	Wide	LO, LR, MU, RP, RS, TE
		10,000 Hour option available (for fixtures using 20/35/50 Watt)	20V	Very Narrow	LO, LR, MU, RP, RS, TE
			35	Wide	LO, LR, MU, RP, RS, TE
			50	Wide	LO, LR, MU, RP, TE
			35V	Very Narrow	LO, LR, MU, RP, RS, TE
			50N	Narrow	LO, LR, MU, RP, TE
			50V	Very Narrow	LO, LR, MU, RP, TE
	Titan Halogen MR-16	12,000 Average Life Hour (for fixtures using 20 Watt)	20	Wide	LB
		18,000 Average Life Hour (for fixtures using 35/50 Watt)	35	Wide	LB
			50	Wide	LB
	Xenon G4	10,000 Average Life Hour (for fixtures using 10/15 Watt)	10	N/A	BD, CA, CB, CM, CP, CR, CV, DL, DM, DP, DR, DS, EA, GT, MM, PF, PR, PV, QF, SC, SP, RL, UN
		5,000 Average Life Hour (for fixtures using 20 Watt)	15	N/A	BD, CA, CB, CV, DL, DM, DR, DS, EA, PF, PR, QF, SC, SP
			20	N/A	BD, CA, CB, CM, CR, CV, DL, DM, DR, DS, EA, GN, GT, LM, PD, PF, PR, QF, RL, SC, SP
	Halogen T3	2,000 Average Life Hour	5	N/A	SI
			10	N/A	BD, CA, CB, CR, CV, DL, DM, DP, DR, DS, EA, GT, MM, PF, PR, PV, QF, RL, SC, SI, SP,
			20	N/A	BD, CA, CB, CR, CV, DL, DM, DR, DS EA, GT, PF, PR, QF, RL, SC, SI, SP,
			35	N/A	GN, GT, RL, SI
	Halogen AR-11	2,000 Average Life Hour	20	Wide	CL, ML, TC, TS, VL
			20N	Narrow	CL, PM, TC, TS, VL
			20V	Very Narrow	CL, TC, TS, VL
	Halogen AR-20	2,000 Average Life Hour	50	Wide	TS
			50N	Narrow	TS
	Incandescent 93	900 Average Life Hour	12	N/A	AL, FG, LS, TD
	Incandescent 1141	1,200 Average Life Hour	18	N/A	AL, FG, TD
	Incandescent 1156	1,200 Average Life Hour	25	N/A	AL, FG, TD
	Halogen PAR36	4,000 Average Life Hour	20	Wide	CF
			35	Wide	CF

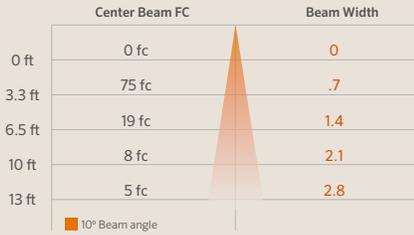
BEAM ANGLE KEY (APPROXIMATE VALUES)

Very Narrow: 10°	Narrow: 25°	Wide: 40°	Very Wide: 60°
------------------	-------------	-----------	----------------

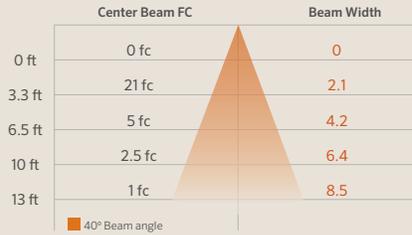
MR-8, MR-11 Photometrics

HALOGEN MR-8:

HALOGEN MR-8 20W ILLUMINANCE AT A DISTANCE

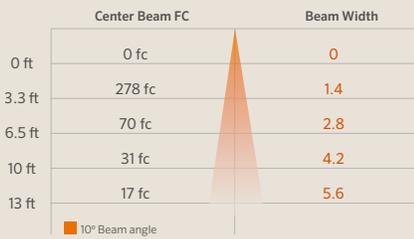


HALOGEN MR-8 20W ILLUMINANCE AT A DISTANCE

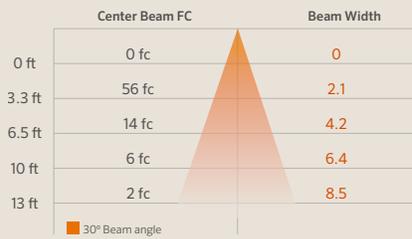


HALOGEN MR-11:

HALOGEN MR-11 20W ILLUMINANCE AT A DISTANCE



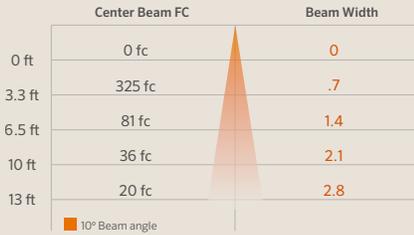
HALOGEN MR-11 20W ILLUMINANCE AT A DISTANCE



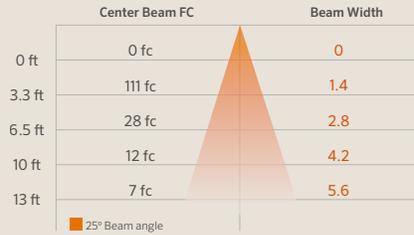
MR-16 Photometrics

HALOGEN MR-16:

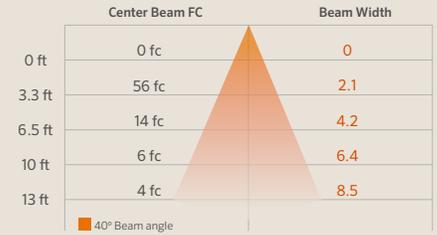
HALOGEN MR-16 20W ILLUMINANCE AT A DISTANCE



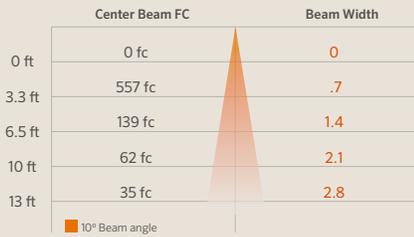
HALOGEN MR-16 20W ILLUMINANCE AT A DISTANCE



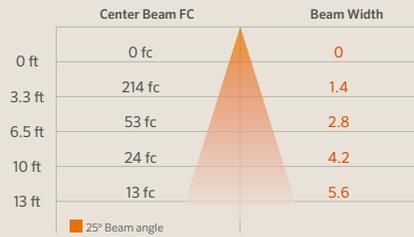
HALOGEN MR-16 20W ILLUMINANCE AT A DISTANCE



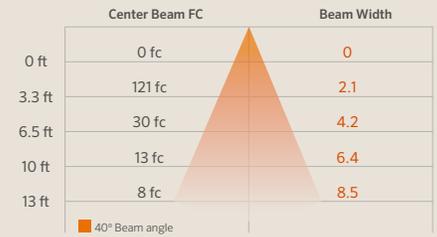
HALOGEN MR-16 35W ILLUMINANCE AT A DISTANCE



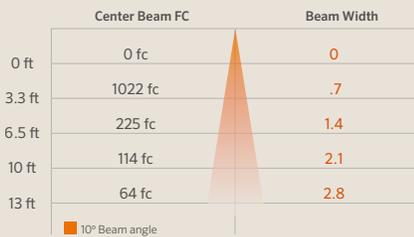
HALOGEN MR-16 35W ILLUMINANCE AT A DISTANCE



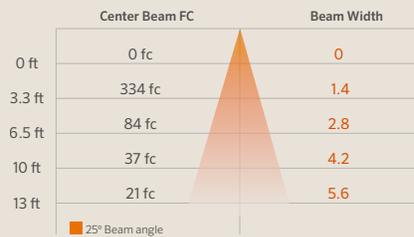
HALOGEN MR-16 35W ILLUMINANCE AT A DISTANCE



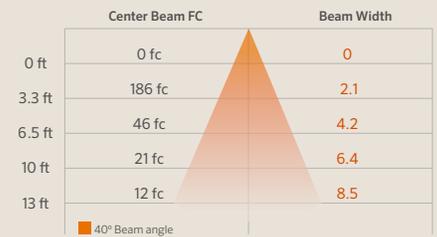
HALOGEN MR-16 50W ILLUMINANCE AT A DISTANCE



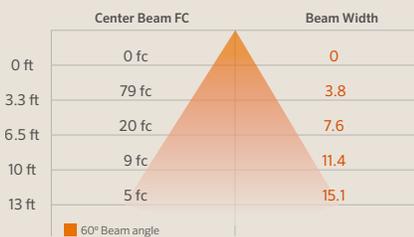
HALOGEN MR-16 50W ILLUMINANCE AT A DISTANCE



HALOGEN MR-16 50W ILLUMINANCE AT A DISTANCE



HALOGEN MR-16 50W ILLUMINANCE AT A DISTANCE



Glossary

6061 Aluminum Alloy

An alloy that has a great balance of strength, machinability and corrosion resistance. The material from which many FX products are made.

Ambient Light

Lighting throughout a space that produces general illumination.

Ampere (amp)

Unit to express the flow quantity of electricity. Analogous to gallons per minute.

ANSI Code

ANSI stands for American National Standards Institute, the regulatory agency that develops standards for performance, dimensions, and safety. ANSI coded bulbs can be identified with a nationally-recognized three letter naming system, indicating that they meet ANSI standards.

Baffle

An accessory created to prevent light from producing glare at certain angles.

Ballast

Auxiliary unit used with HID lamps to provide the power to start the lamp and regulate the voltage, current and waveform while it is in use. A ballast is required for each HID lamp.

Brightness

A negative term associated with glare producing luminaries.

Candela

The basic unit of measurement of luminous intensity from a light source in a specific direction.

Circuit Breaker

A switching device that can be manually operated that automatically opens (switches off) when more than the rated current passes through. Generally rated in amps. A typical residential 120V circuit breaker is 15 or 20 amps.

Color Temperature

An expression of light source color or whiteness, stated in degrees Kelvin. Warmer (more yellow) light has a lower color temperature and cooler light (more blue) has a higher color temperature.

Conductor

A metallic material that has low resistance to electrical flow such as copper. A circuit must have at least two conductors.

Down Lighting

Like Up lighting, this is a general term that describes a group of effects that places the illuminating source above the target area. Down lighting can be used to light specific garden elements and pedestrian areas or to illuminate large spaces for safety, security or recreational purposes.

Efficacy (efficiency)

A measurement of how many lumens a lamp produces per Watt consumed.

Fixture

Layman's term for "luminaire".

Floodlighting

Indiscriminate lighting of an area usually associated with security or utility functions.

Footcandle (fc)

A unit of measurement of luminescence. For reference: an office desktop typically has 50-75 fc of light falling on it if lit from overhead fluorescent lamps. A primary focal point tree in a residential garden should have about 5 fc average on it.

Fluorescent

A low-pressure lamp that has a phosphor coating that transforms ultraviolet energy into light. Although efficient they are physically very large.

Gauge

A measurement of electrical conductor (wire or cable) size. The lower the number, the thicker the cable. 8-gauge cable is twice the size of 12-gauge.

Glare

A negative term describing uncontrolled light that produces discomfort to the viewer.

Ground

A non-current carrying metallic connection to earth. All 120V circuits must be grounded-12V circuits do not. The green wire on a 120V circuit is typically the ground.

Ground Fault Interrupter (GFI)

A device that detects abnormal current patterns and shuts off power. GFI's are always required on outdoor circuits.

Halogen

See Tungsten-Halogen Lamp.

Hard Light

Light that produces very high contrast such as the grazing effect.

High Pressure Sodium Lamp

An HID lamp that produces light from sodium vapor, producing a distinctly yellowish color. Used widely as streetlights.

Hot

The conductor or surface that has voltage present. A hot and a common or neutral creates an electrical circuit. Usually color coded as the darker of all wires.

Illuminance

The amount of light striking a surface or object, measured in footcandles.

Incandescent Lamp

A lamp that produces light when electricity heats a tungsten metal filament.

Kelvin

Kelvin is a scale of temperature that can be used to determine the color of light. 4,000K is a white light, a higher number is a cooler lamp, a lower number is a warmer lamp.

Glossary

L-70

L-70 is 70% (30% depreciation) of initial lumen output and is specified as end of life using LM-80 test standards.

Lamp

Technical term for “light bulb”.

Lamp Life

Lamp life is rated in hours of operation. If lamps are rated for 4,000 hours at 12V it means that at 4,000 hours, 50% of the lamps are still working and 50% are not.

LED

Acronym for Light Emitting Diode. Can last over 50,000 hours. LEDs are very durable and give off less heat than incandescent lamps.

Low-Voltage Lighting

A general term given to a system that is powered by a step-down transformer that reduces a 120V power input to a 12V output.

Lumen

The light that appears on a 12 x 12 inch surface from a source that is 12 inches away.

Luminaire

Technical term for “lighting fixture”. A complete lighting unit consisting of a lamp holder, lens and adjustable components.

Neutral

A conductor that is common to other circuits and carries no current.

Ohm

A measurement of electrical resistance that causes voltage loss in circuits.

PAR Lamp

Parabolic aluminized reflector lamp or sealed beam lamp. Generally used for auto signal or headlights.

Path Lighting

The most visible source of lighting equipment comes from path lights. Path lighting should be used to draw attention to pedestrian hazards such as grade changes or to illuminate surfaces that can't be reached by down lighting from trees, eaves and other architectural elements or integral wall mounted fixtures.

Patina Formula

A thin greenish layer, usually basic copper sulfate, that forms on copper or copper alloys, such as brass, as a result of corrosion.

Powdercoat

Powdercoating is a completely dry finishing process that uses finely ground particles of pigment and resin which are electrostatically charged and sprayed on our products. The result is an attractive, durable, high-quality finish.

Quality of Lighting

A description of the aesthetic appearance of an illuminated environment indicating the use and control of light sources.

Reflectance

A measure of the amount of light that strikes a surface that is reflected. Light-colored smooth surfaces have a high reflectance.

Resistance

Measured in ohms - analogous to friction in hydraulics. A measurement of the restriction of the free flow of electrons in electrical conductors. Copper has a low resistance making it a good conductor. Glass has a high resistance making it a good insulator.

Short Circuit

An unwanted flow of current between two conductors causing the circuit breaker to trip.

Shield

An opaque unit that shields a light source from direct view at certain angles.

Task Lighting

The function of providing illumination for specific purposes such as recreation or utility.

Transformer

An electrical device used to step down 120V current to 12V for use on low-voltage lighting systems. A transformer provides roughly 1/10th of the input power.

Tungsten-Halogen Lamp

A type of incandescent lamp containing a tungsten filament within a pressurized quartz envelope, which is filled with halogen gas. Also referred to as a quartz or halogen lamp. The halogen gas recycles the burned off tungsten particles back onto the filament thereby dramatically extending the lamp life.

Up Lighting

Description for several lighting techniques that use surface mounted or recessed fixtures aiming upward. This creates a dramatic effect that demands attention—thereby establishing focal points.

Volt (V)

Unit to describe the electrical force that causes current to flow—analogue to PSI in hydraulics.

Volt-Ampere (VA)

A measurement of potential. Volts x Amps = Watts. Most transformers' Wattage ratings are expressed in VA.

Watt (W)

Unit of electrical consumption. See Volt-Ampere. Don't confuse Wattage with light output—light is expressed in lumens or footcandles. Example: heat lamps consume a lot of Wattage but produce little light.

Xenon Lamp

A lamp that is more efficient, produces less heat and lasts up to four times longer than halogen.