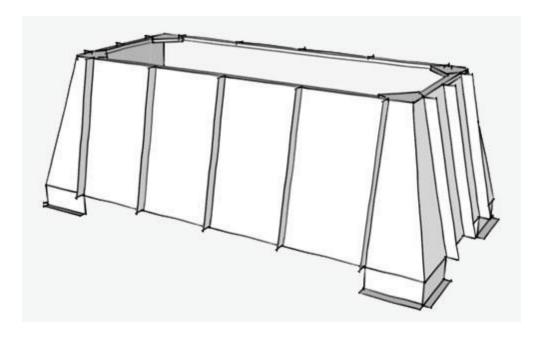
# NEUERMAN CHIMNEY CAP



CHIMNEY CAP. COLOR BLACK LRV 7

## NEUERMAN POOL FINISH



POOL FINISH AND NEGATIVE EDGE POOL WALL/BASIN:

PEBBLE TECH "SANDY BEACH" ESTIMATED LRV 32

# **FX**Luminaire.



### **NEUERMAN RESIDENCE**

PROJECT CATALOG# TYPE NOTES

# BD Path Light DESIGNER PREMIUM

Classic styling combines metals in this 1 LED area light. Copper and brass construction.

## **Quick Facts**

- Copper/brass construction
- Natural, powder coated, or
   Compatible with Luxor® antiqued copper/brass
- Cree® integrated LEDs
- Tamper-resistant features
- Color temperature filters
- technology
- Phase and PWM dimmable
- Input voltage: 10-15V



Output	1LED
Total Lumens†	34
Input Voltage	10 to 15V
Input Power (W)	2.0
VA	2.4
Efficacy (Lumens/Watt)	19
Color Rendering Index (CRI)	80+
Max Candela	12
Dimming	PWM, Phase*
RGBW Available	No
Luxor Compatibility	
Default	Zoning
ZD Option	Zoning/Dimming
Minimum Rated Life (L70)	50,000 Hrs

<sup>\*</sup> For optimal performance, use a trailing-edge, phase-cut dimmer.

#### **FX** Luminaire

FX Luminaire is an industryleading manufacturer of landscape and architectural lighting products with a focus on the advancement of LED technology and digital lighting control with zoning, dimming, and color adjustment capabilities. We offer a full spectrum of specification-driven lighting fixtures that can be utilized to create elegant, cuttingedge landscape lighting systems for commercial or residential applications. Our products are available exclusively via our extensive professional distributor network.

#### Materials

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

#### Wiring

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

#### Lamp

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

#### Ontics

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

#### Socket

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

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

#### Housing

Machined brass housing with capacity for 1LED integrated LEDs.

#### Riser

34" (19 mm) copper riser with press-fit brass fittings inserted at 2,000+ lbs (900 kg) of pressure, eliminating the need for adhesives or fasteners.

#### Threads

Machined brass fitting with 1/2"-14 (13 mm) NPSM threads.

### Lens

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

#### Hardware

Includes 10" (254 mm) ABS slotted installation spike.

#### Finish

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

#### **Ambient Operating Temperature**

0°F to 140°F (-18°C to 60°C)

### Weight

4.0 lbs (1.8 kg)

#### Control

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

#### Sustainability

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

#### Installation Requirements

Designed for installation in the downward lighting direction only.

## International Compliances

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

#### Warranty

10-year limited warranty.

#### Listings









<sup>†</sup> Measured using the 3,900K CCT lens. Multipliers for other CCTs include 0.80 (2,700K), 0.65 (4,500K), and 0.65 (5,200K).

# **BD** Path Light ordering information

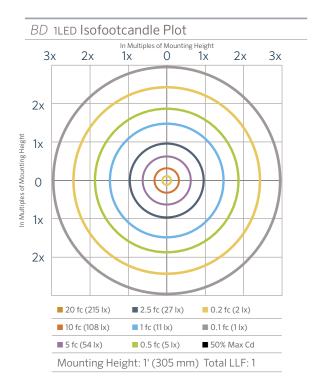
Fixture	Luxor Option	Output	Riser	Finish			
BD*	<b>■ [default]</b> Zone	■ <b>1LED</b> 19-39 Lumens	■ 8RA 8" (203 mm) Riser	CU Natural Copper		■ FW Flat White	
	■ <b>ZD</b> Zone/Dim		■ <b>12RA</b> 12" (305 mm) Riser	■ BZ Bronze Metallic		■ AL Almond	
			■ <b>18RA</b> 18" (457 mm) Riser	■ <b>DG</b> Desert Granite		Silver	
			<b>24RA*</b> 24" (610 mm) Riser	■ WI Weathered Iron		■ AB Antique Bronze	
			■ <b>36RA*</b> 36" (914 mm) Riser	■ FB Black		■ AT Antique Tumbled	38
				■ WG White Gloss		■ NP Nickel Plate	
	JRE CONFIGURATION: BI	D-ZD-1LED-12R-FB	BD -	- <b>1LED</b> - 1	L2RA	- <b>AB</b>	

## MOUNTING OPTIONS: Specify Separately

Mounts	Code	
SUPER J-BOX 2.5" (64 mm) x 12" (305 mm)	SJ-XX*	
■ <b>POST MOUNT</b> 2.5" (64 mm) x 13" (330 mm)	PM-XX*	(* (1)
■ GROUND MOUNT 2.7" (67 mm) Diameter	GM-XX*	
■ VERSABOX® 2.2" (57 mm) x 1.5" (39 mm)	VB-050-XX*	
■ PROAIM RATCHETING SPIKE 4.0" (102 mm) x 4.0" (102 mm)	PARS	
<b>3-PRONG SPIKE</b> 5.1" (129 mm) x 9" (229 mm)	2500200- 20000	

<sup>\*</sup>YY = riser height in inches (6" increments between 6" and 36"; 150 mm increments between 150 mm and 900 mm), XX = finish code

# **BD** Path Light PHOTOMETRICS





### **NEUERMAN RESIDENCE**

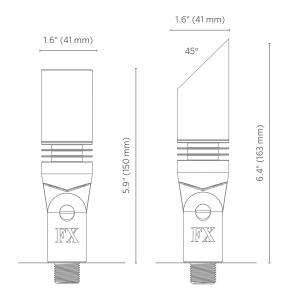
PROJECT	
CATALOG#	
ГҮРЕ	
NOTES	

# CC Up Light DESIGNER PREMIUM

Expertly engineered directional accent light to illuminate a variety of spaces in 1 or 3 LED. RGBW capable with Luxor® **ZDC** systems.

## **Quick Facts**

- Machined brass
- Natural or antique finishes
- Cree® integrated LEDs
- ProAim<sup>™</sup> adjustability
- Tamper-resistant features
- Color temperature filters
- Compatible with Luxor technology
- Phase and PWM dimmable
- Input voltage: 10-15V



# **CC** Up Light specifications

Output	1LED	3LED	3LEDT	ZDC
Total Lumens <sup>†</sup>	62	124	115	109
Input Voltage	10 to 15V	10 to 15V	10 to 15V	11 to 15V
Input Power (W)	2.0	4.2	4.2	6.0
VA	2.4	4.5	4.5	7.2
Efficacy (Lumens/Watt)	25	28	33	34
Color Rendering Index (CRI)	80	80		81
Center Beam Candlepower*				
Spot (17-20)	217	493	496	142
Dimming	PWM, Phase**	PWM, Phase**	PWM, Phase**	
RGBW Available	No	No	No	Yes
Luxor Compatibility				
Default	Zoning	Zoning		Zoning
ZD Option	Zoning/Dimming	Zoning/Dimming	Zoning/Dimming	Zoning/Dimming/Color
ZDC Option				
Minimum Rated Life (L70)	50,000 Hrs	50,000 Hrs	50,000 Hrs	50,000 Hrs

<sup>\*</sup> Information not available for Flood or Wide Flood.

#### **FX** Luminaire

FX Luminaire is an industryleading manufacturer of landscape and architectural lighting products with a focus on the advancement of LED technology and digital lighting control with zoning, dimming, and color adjustment capabilities. We offer a full spectrum of highly efficient lighting fixtures that can be utilized to create elegant, cutting-edge landscape lighting systems for commercial or residential applications. Our products are available exclusively via our extensive professional distributor network.

#### Materials

Machined C360 brass housing, shroud, and knuckle with brass hardware.

#### Socket

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

18 AWG (1 mm); SPT-1W; 220°F (105°C); 300V; 10' (3 m) length.

#### Lamp

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

#### **International Compliance**

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

#### Power

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

#### Housing

Machined brass housing with capacity for 1LED, 3LED, or ZDC integrated LEDs.

Polycarbonate color temperature adjustment lenses included with fixture: 2,700K (preinstalled), 3,900K (no lens), 4,500K, and 5,200K. Interchangeable optics for 10°, 20°, 30°-32°, or 55-58° distributions ordered preassembled to fixture. Color temperature and beam angle lenses field serviceable. For additional color filters, spread lenses, hex baffles, etc., use MR-11 sized accessories (MR-11: 1.38" (35 mm) dia. x 3.2 mm thickness). Beam angle is calculated using LM-79 method for SSL luminaires.

#### Shroud

Machined brass shroud with 90° cutoff (standard) or 45° long shroud option.

#### Knuckle

Machined brass knuckle with 1/2"-14 (13 mm) NPSM threads. Compress and lock features prevent slip after installation. Complete adjustability over 220° of vertical adjustment.

Tempered glass lens with shock resistance and high tolerance for thermal expansion and stress.

#### Finish

Options of natural brass finish, or antiqued finish with brushed (Antique Bronze) or tumbled (Antique Tumbled) effect. Antique finishes sealed with a clear TGIC powder coat layer.

#### Hardware

Brass angle lock screw. Includes 10" (250 mm) long slotted ground spike.

#### **Ambient Operating** Temperature

0°F to 140°F (-18°C to 60°C)

#### Weight

1.5 lbs. (0.7 kg)

### **Installation Requirements**

Designed for installation in the upward direction only.

#### Warranty

10-year limited warranty.

Wildlife-Friendly Lighting Available with wildlifefriendly amber LEDs.

#### Manufacturing

9001:2015 ISO certified facility

#### Control

ZD or ZDC utilizes Luxor technology to zone light fixtures in up to 250 groups, dim each group in 1% increments between 0 and 100%, or change to one of 30,000 colors with RGBW LEDs. Select the ZD option for zoning/dimming or ZDC for zoning/dimming/color. Standard fixture is zoneable with Luxor.

#### Sustainability

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

#### Listings









<sup>\*\*</sup> For optimal performance, use a trailing-edge, phase-cut dimmer.

<sup>&</sup>lt;sup>†</sup> Measured using the 3,900K CCT lens. Multipliers for other CCTs include 0.80 (2,700K), 0.65 (4,500K), and 0.65 (5,200K).

# **CC** Up Light ordering information



### MOUNTING OPTIONS: Specify Separately

Mounts	Code
■ SUPER J-BOX 2.5" (64 mm) x 12" (305 mm)	SJ-XX*
■ <b>POST MOUNT</b> 2.5" (64 mm) x 13" (330 mm)	PM-XX*
■ GROUND MOUNT 2.7" (67 mm) Diameter	GM-XX*
■ VERSABOX 2.2" (57 mm) x 1.5" (39 mm)	VB-050-XX*
■ <b>GUTTER MOUNT</b> 4.0" (102 mm) x 4.0" (102 mm)	GM-SS
PROAIM RATCHETING SPIKE 4.0" (102 mm) x 4.0" (102 mm)	PARS CONTROL PARS
■ 3-PRONG SPIKE	2500200- 20000

### RISER OPTIONS: Specify Separately

Riser	Code	<u> </u>
COPPER RISER 1.0" (25 mm) Diameter	YY-R-GT-XX*	
LENS ACCESSORIE	S: Specify Sepa	rately
Item	Code	I
■ FLOOD LENS 30°-32° Beam Angle	LEDFLLENS	
■ WIDE FLOOD LENS 56°-58° Beam Angle	LEDWFLLENS	

\*YY = riser height in inches (6" increments between 6" and 36"; 150 mm increments between 150 mm and 900 mm), XX = finish code

# **CC** Up Lights PHOTOMETRICS

CC 1LED IIIum	inance at a Distance	9	
Feet (Meters)	Center Beam		Beam Width
	Foot-Candle (Lux)		22.9°
4' (1.3 m)	13 fc (134 lx)		2' (0.5 m)
8' (2.5 m)	3 fc (33 lx)	A	3' (1.0 m)
13' (3.8 m)	1.4 fc (15 lx)		5' (1.6 m)
17' (5.1 m)	0.8 fc (9 lx)		7' (2.0 m)
21' (6.3 m)	0.5 fc (5 lx)		8' (2.6 m)
25' (7.6 m)	0.4 fc (4 lx)		10' (3.1 m)

CC 3LED Illuminance at a Distance			
Feet (Meters)	Center Beam		Beam Width
	Foot-Candle (Lux)		22.4°
4' (1.3 m)	28 fc (305 lx)		2' (0.5 m)
8' (2.5 m)	7 fc (76 lx)		3' (1.0 m)
13' (3.8 m)	3 fc (35 lx)		5' (1.5 m)
17' (5.1 m)	2 fc (19 lx)		7' (2.0 m)
21' (6.3 m)	1.2 fc (13 lx)		8' (2.5 m)
25' (7.6 m)	0.8 fc (9 lx)		10' (3.0 m)

CC 3LEDT Illur	minance at a Distanc	e	
Feet (Meters)	Center Beam		Beam Width
	Foot-Candle (Lux)		22.4°
4' (1.3 m)	29 fc (308 lx)		2' (0.5 m)
8' (2.5 m)	7 fc (70 lx)		3' (1.0 m)
13' (3.8 m)	3 fc (31 lx)		5' (1.6 m)
17' (5.1 m)	1.7 fc (18 lx)		7' (2.0 m)
21' (6.3 m)	1.1 fc (12 lx)		8' (2.6 m)
25' (7.6 m)	0.7 fc (8 lx)		10' (3.1 m)

CC zpc Illuminance at a Distance			
Feet (Meters)	Center Beam		Beam Width
	Foot-Candle (Lux)		48.2°
4' (1.3 m)	8 fc (83 lx)		4' (1.2 m)
8' (2.5 m)	2 fc (21 lx)		8' (2.4 m)
13' (3.8 m)	0.8 fc (9 lx)		12' (3.5 m)
17' (5.1 m)	0.5 fc (5 lx)		16' (4.7 m)
21' (6.3 m)	0.3 fc (3 lx)		19' (5.9 m)
25' (7.6 m)	0.2 fc (2 lx)		23' (7.1 m)



### **NEUERMAN RESIDENCE**

PROJECT

CATALOG #

TYPE

NOTES

# CP Wall Light DESIGNER PREMIUM

Utilitarian recessed wall light in 1 LED. Available in copper.

### **Quick Facts**

- Stamped copper construction
- Natural, powder coated, or antiqued copper finish
- Cree® integrated LEDs
- Tamper-resistant features
- Color temperature filters
- Compatible with Luxor® technology
- Phase and PWM dimmable
- Input voltage: 10–15V



3.5" (89 mm)

4.8" (122 mm)



# **CP** Wall Light specifications

Output	1LED
Total Lumens†	10
Input Voltage	10 to 15V
Input Power (W)	2.0
VA	2.4
Efficacy (Lumens/Watt)	5
Color Rendering Index (CRI)	80+
Center Beam Candlepower	6
Dimming	PWM, Phase**
RGBW Available	No
Luxor Compatibility	
Default	Zoning
ZD Option	Zoning/Dimming
Minimum Rated Life (L70)	50,000 Hrs
BUG Rating	B0-U1-G0

<sup>†</sup> Measured using the 3,900K CCT lens. Multipliers for other CCTs include 0.80 (2,700K), 0.65 (4,500K), and 0.65 (5,200K).

#### **FX** Luminaire

FX Luminaire is an industryleading manufacturer of landscape and architectural lighting products with a focus on the advancement of LED technology and digital lighting control with zoning, dimming, and color adjustment capabilities. We offer a full spectrum of specification-driven lighting fixtures that can be utilized to create elegant, cuttingedge landscape lighting systems for commercial or residential applications. Our products are available exclusively via our extensive professional distributor network.

#### Materials

Stamped C110 copper faceplate, A380 aluminum housing, PBT construction box/sleeve, and stainless steel hardware.

#### Wiring

18 AWG (1 mm); SPT-1W; 220°F (105°C); 300V; 10' (3 m) length

#### Housing

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

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

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

#### Socket

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

#### Faceplate

Stamped C110 copper faceplate with frosted polycarbonate lens.

#### Lens

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

#### **Construction Sleeve**

Vertical and horizontal 1/2" (13 mm) NPT knockouts. Sleeve protector included, preventing caving during wall fabrication.

#### Optics

Polycarbonate color temperature adjustment lenses included with fixture: 2,700K (pre-installed), 3,900K (no lens), 4,500K and 5,200K options specified separately. Color temperature lenses are field serviceable.

#### Finish

Options of natural copper finish, antiqued finish with brushed (Antique Bronze) or tumbled (Antique Tumbled) effect, or TGIC powder coat finish. Antique finishes sealed with a clear TGIC powder coat layer.

#### Hardware

Tamper-resistant stainless steel fasteners included.

### **Ambient Operating** Temperature

0°F to 140°F (-18°C to 60°C)

#### Weight

2.3 lbs. (1.0 kg)

### **IES Classification**

Type IV

#### International Compliance

Compliant per IEC 60598-1 and IEC 60598-2-7 when used with International Wall Kit ("EKITWALL").

#### Control

**ZD** option utilizes Luxor technology to zone light fixtures in up to 250 groups, and dim each group in 1% increments between 0 and 100%.

#### Sustainability

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

#### Installation Requirements

Designed for recessed installation in a vertical wall in the down lighting position only.

#### Warranty

10-year limited warranty

Manufacturing 9001:2015 ISO certified facility

#### Listings



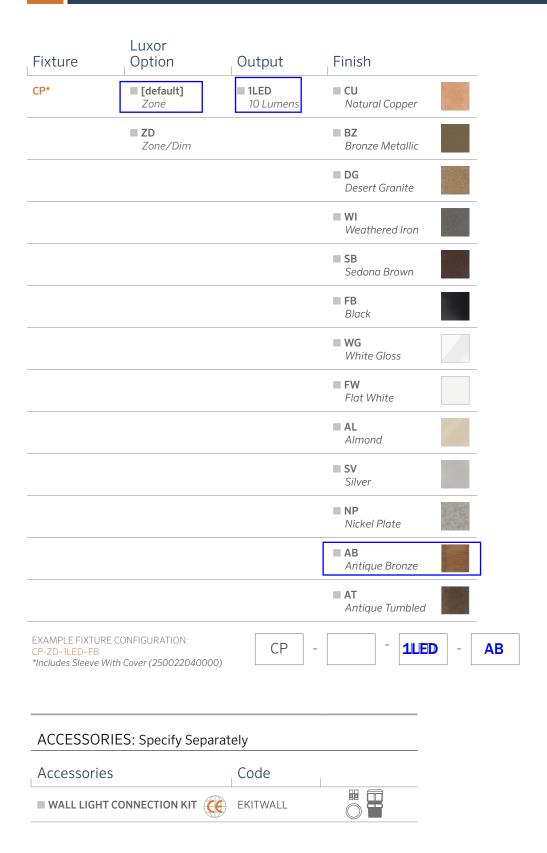






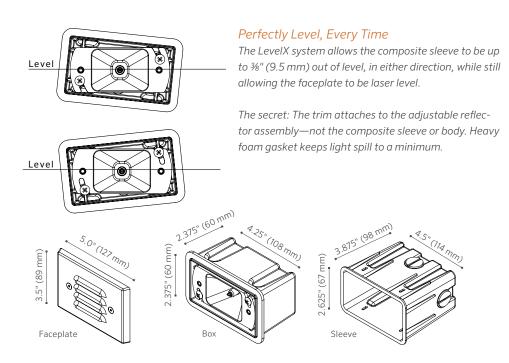
<sup>\*\*</sup> For optimal performance, use a trailing-edge, phase-cut dimmer.

# **CP** Wall Light ordering information



# **CP** Wall Light PHOTOMETRICS

CP 1LED Illuminance at a Distance					
Feet (Meters)	Center Beam		Beam Width		
	Foot-Candle (Lux)		Vertical 60°	Horizontal 90°	
0.7' (0.2 m)	1.9 fc (21 lx)		0.8' (0.2 m)	1.3' (0.4 m)	
1.3' (0.4 m)	0.5 fc (5.4 lx)		1.6' (0.5 m)	2.7' (0.8 m)	
2.0' (0.6 m)	0.2 fc (2.2 lx)		2.4' (0.7 m)	4.0' (1.2 m)	
2.7' (0.8 m)	0.1 fc (1.1 lx)		3.3' (1.0 m)	5.4' (1.7 m)	
3.3' (1.0 m)	0.1 fc (1.1 lx)		4.1' (1.3 m)	6.7' (2.0 m)	
4.0' (1.2 m)	0.1 fc (1.1 lx)		4.9' (1.5 m)	8.0' (2.4 m)	



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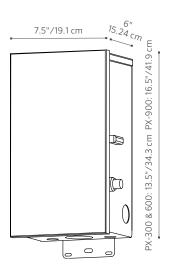
## Lighting Controller



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
<b>HEIGHT:</b> (300 & 600 Watt)	13.5" / 34.3 cm
(900 Watt)	16.5" / 41.9 cm





# PX: Transformer

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

Step	Description	Code
1	TRANSFORMER	PX
2	SIZE	300, <mark>600</mark> 900 (Watts)
3	OPTIONAL SWITCHING	T (Timer), PC (Photocell), or TPC (Timer & Photocell)
4	FINISH	SS, WG, FW, AL, BZ DG, WI, VF, SB, FB

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

FIELD INSTALLED OPTIONS: Order Individually

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

**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

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

The PX comes standard in stainless steel, with 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.





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Landscap