

PROJECT: _____

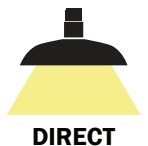
TYPE: _____

QUANTITY: _____



PN: 4W

APPLICATION	<ul style="list-style-type: none"> • WALL MOUNT • INDOOR OR OUTDOOR RATED
DIMENSION	<ul style="list-style-type: none"> • 16" (40CM)
ILLUMINATION	<ul style="list-style-type: none"> • DIRECT • LED 90CRI • 1,342 - 1,846 LUMENS
ELECTRICAL	<ul style="list-style-type: none"> • 120V, 277V, AND 347V • 10kA SURGE SUPPRESSION STANDARD
DRIVER	<ul style="list-style-type: none"> • WALL MOUNT (INTEGRAL) • REMOTE MOUNT (INDOOR OR OUTDOOR)
DIFFUSERS	<ul style="list-style-type: none"> • CLEAR OR FROSTED, ELONGATED, GLASS GLOBE
MOUNTING	<ul style="list-style-type: none"> • WALL, MOUNTED TO A 4"(10CM) J-BOX
CONSTRUCTION	<ul style="list-style-type: none"> • ALUMINUM
FINISHES	<ul style="list-style-type: none"> • AVAILABLE ANODIZED, BRUSHED, AND IN SEVERAL TMS POWDER COATED FINISHES • CUSTOM RAL FINISHES AVAILABLE
DIMMING	<ul style="list-style-type: none"> • 0 - 10V STANDARD DIMMING
WEIGHT	<ul style="list-style-type: none"> • 6.7 LB MAXIMUM





FORTE™ WALL

PROJECT: _____

TYPE: _____

QUANTITY: _____

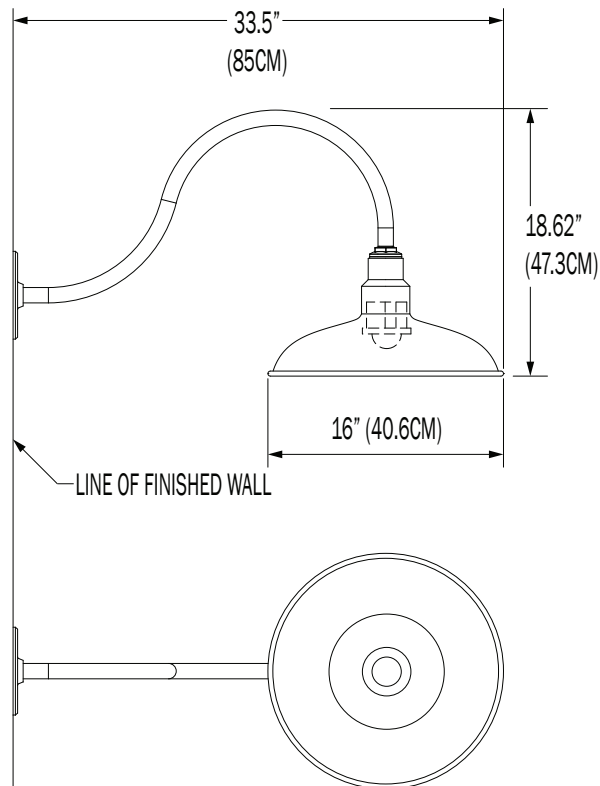
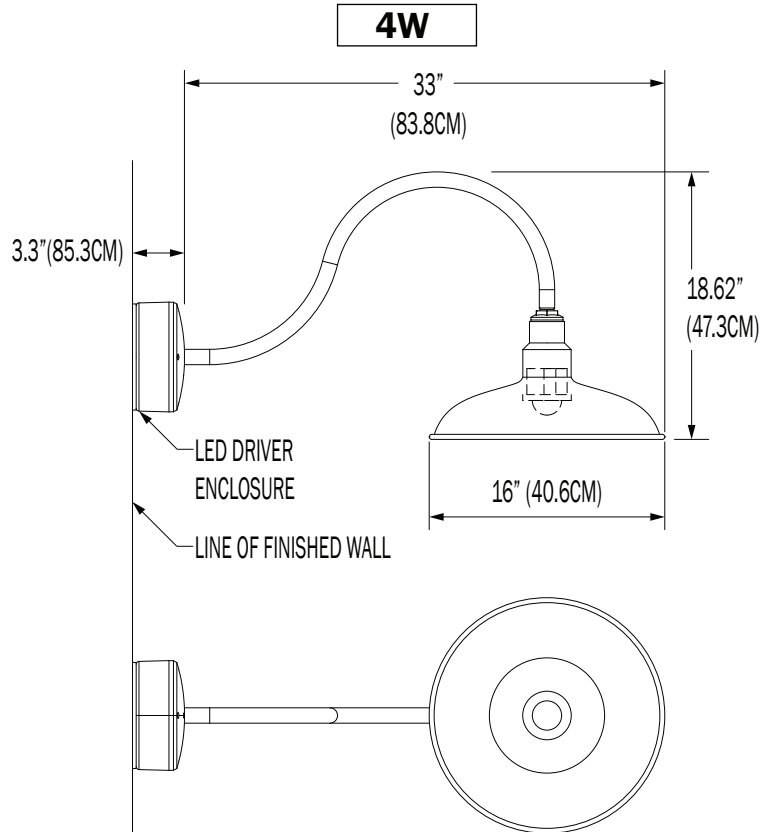
4W

1 2 3 4 5 6 7 8 9 10

1.	I					O				
APPLICATION	INDOOR					OUTDOOR				
2.	100IN		15LED		17LED		19LED			
ILLUMINATION	MED BASE (MAX 100W INC)		15W LED		17W LED		19W LED			
LED (W)	100W		15W		17W PAR38 E26 MED. BASE, 4000K, 60°		19W			
LUMENS	1342		1383		---		1846			
3.	---		30K		35K		40K			
LED CCT	NONE		3000K		3500K		4000K			
4.	120		277		347					
VOLTAGE	120V		277V		347V					
5.	---		WM		N1		N4			
DRIVER	NONE		WALL MOUNT (INTEGRAL)		REMOTE INDOOR MOUNT (NEMA 1)		REMOTE OUTDOOR MOUNT (NEMA4)			
6.	F04	F05	F15	F16	F09	F31	F18	F06	F07	F08
FINISH ¹	MATTE WHITE	GLOSS WHITE	MATTE BLACK	GLOSS BLACK	PEWTER	SILVER METALLIC	SATIN ALUMINUM	CLAY BROWN	ZEUS BROWN	MIDNIGHT BLUE
	F10	F11	F13	F14	F21	F22	F24	F25	F26	F28
	FIRE RED	CITRUS ORANGE	FOREST GREEN	SUNSHINE YELLOW	ARCH. BRONZE	HARVEST GOLD	MELTED PLATINUM	MELTED GOLD	MELTED COPPER	DARK CAMPAGNE
	F32	F33	F38	F39	F40	F41	F42	F43	F44	F45
	BRONZE METALLIC	PYRITE BRONZE	MEADOW GREEN	AQUA BLUE	BUBBLE PINK	ELECTRIC PURPLE	FAUX CHROME	FAUX GOLD	FAUX COPPER	COPPER METALLIC
	RAL	BR	AN							
	CUSTOM (SPECIFY RAL)	BRUSHED ALUMINUM	ANODIZED							
7.	---					DIML				
DIMMING	NONE					LED DIMMING (0 - 10V, CURRENT - SINKING)				
8.	---		EM		EMC		EMR		EMCR	
EMERGENCY ²	NONE		INTEGRAL		INTEGRAL COLD PACK		REMOTE		REMOTE COLD PACK	
9.	---		G1		G2					
GLOBE/LENS ³	NONE		CLEAR, ELONGATED GLOBE		FROSTED GLOBE					
10.	---					W16				
WIRE GUARD	NONE					16" WIRE GUARD				

1. TEXTURED FINISHES ARE APPLIED TO ALL AREAS OF THE REFLECTOR
2. 10W AT 90 MINUTES. EMERGENCY OPTION IS ONLY AVAILABLE IN 120 - 277V SYSTEMS
3. GLOBES ARE NOT AVAILABLE WITH 17W LED PAR 38 LAMPS

NOTE: SOME OPTIONS MAY NOT BE COMPATIBLE WITH OTHERS. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. CONTACT TMS LIGHTING FOR UPDATED SPECIFICATIONS.



CUSTOM

NOTE: THIS FIXTURE CAN BE CUSTOMIZE. DIMENSION, LAMP TYPES, ENCLOSURE, AND COLOR CAN BE MODIFIED TO SUIT YOUR LIGHTING AND ARCHITECTURAL REQUIREMENTS. CONTACT YOUR LOCAL REPRESENTATIVE FOR MORE DETAILS: <https://tmslighting.com/sales-agents.html>

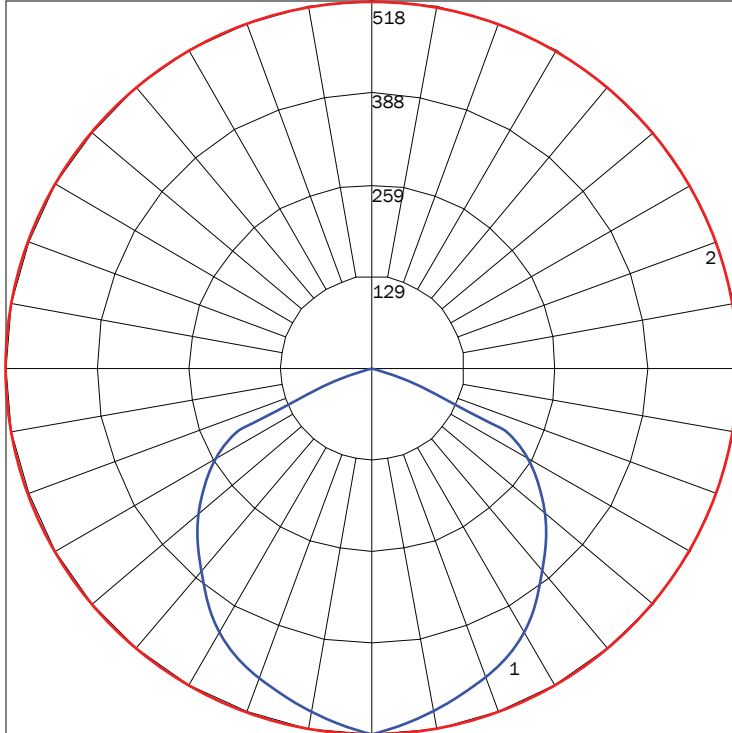
DIRECT

PN	ILLUMINATION	LUMENS	WATTAGE
4W	100IN	1342	100
	15LED	1383	15
	19LED	1846	19

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 4W 15LED 35K WM F05.IES

POLAR GRAPH



MAXIMUM CANDELA = 517.65 LOCATED AT HORIZONTAL ANGLE = 90, VERTICAL ANGLE = 0
 # 1 - VERTICAL PLANE THROUGH HORIZONTAL ANGLES (90 - 270) (THROUGH MAX. CD.)
 # 2 - HORIZONTAL CONE THROUGH VERTICAL ANGLE (0) (THROUGH MAX. CD.)

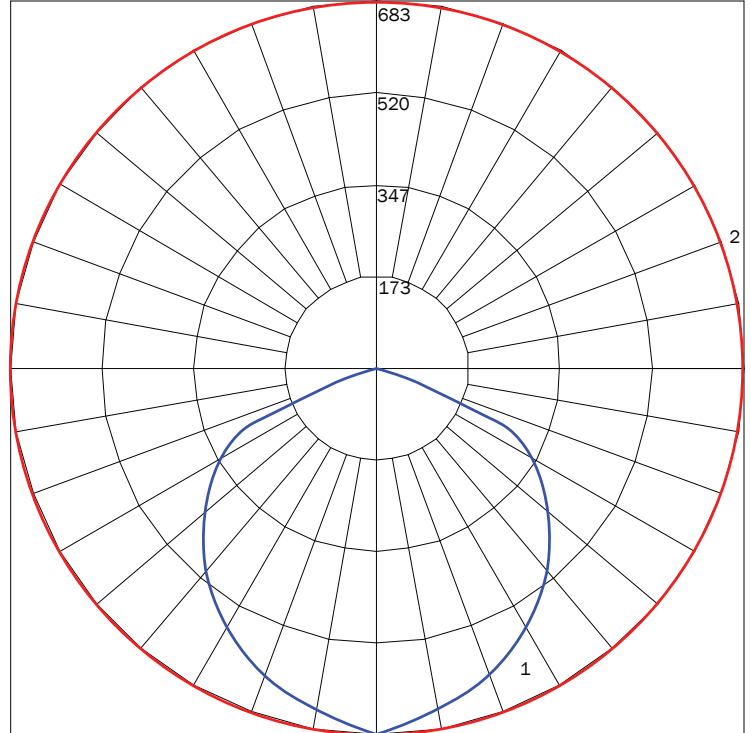
LUMINAIRE LUMENS
TOTAL LUMINAIRE EFFICIENCY
LUMINAIRE EFFICACY RATING
TOTAL LUMINAIRE WATTS

1383
 98%
 92
 15

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 4W 19LED 35K WM F05.IES

POLAR GRAPH

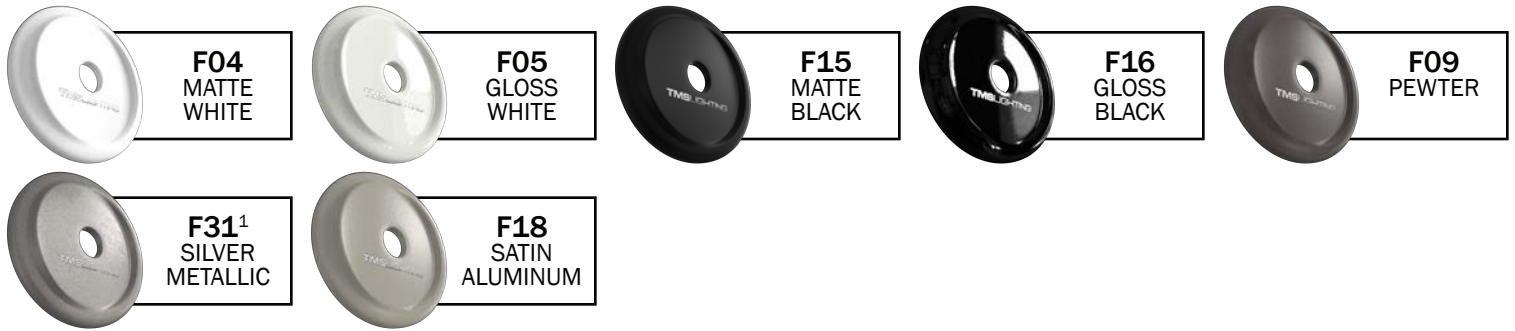


MAXIMUM CANDELA = 693.43 LOCATED AT HORIZONTAL ANGLE = 90, VERTICAL ANGLE = 0
 # 1 - VERTICAL PLANE THROUGH HORIZONTAL ANGLES (90 - 270) (THROUGH MAX. CD.)
 # 2 - HORIZONTAL CONE THROUGH VERTICAL ANGLE (0) (THROUGH MAX. CD.)

LUMINAIRE LUMENS
TOTAL LUMINAIRE EFFICIENCY
LUMINAIRE EFFICACY RATING
TOTAL LUMINAIRE WATTS

1846
 98%
 92
 20

FINISHES



PREMIUM FINISHES



PREMIUM MATERIALS



1: FINISHES IS APPLIED TO THE INTERIOR AND EXTERIOR OF THE FIXTURE.

2: MATERIALS ARE CONSISTENT (INTERIOR & EXTERIOR). STEMS AND CANOPIES WILL BE F16 GLOSS BLACK.

NOTE: ALL FINISHES NOT MARKED WITH NOTATION (1) ARE APPLIED TO THE EXTERIOR ONLY. THE INTERIOR WILL BE F05 GLOSS WHITE. MATTE FINISHES AVAILABLE. CONSULT FACTORY.

FINISHES ARE SUBJECT TO AVAILABILITY AND MAY NOT BE APPLICABLE TO ALL FIXTURES OR FOR QUICKSHIP.

DISPLAYED FINISHES DIFFER BETWEEN SCREENS AS WELL AS PRINTERS AND MAY NOT ACCURATELY DEPICT COLOR.

TM LED Path Light

DESIGNER BASE



PROJECT

CATALOG #

TYPE

NOTES

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.

Quick Facts

- Die-cast aluminum

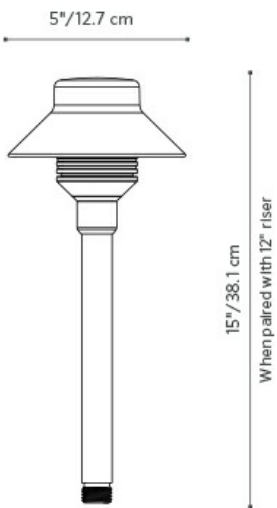
■ Lumileds® Integrated LEDs

■ Compatible with Luxor® technology

■ Input voltage: 10-15V
- Two-layer marine-grade anodization and powder coat finish

■ ProAim™ adjustability

■ Phase and PWM dimmable



Note: Example model shown has a 12" riser.

Footcandles (Lux)	TM Path Light - Recommended Spacing			
	1 LED		3 LED	
	12" Riser	18" Riser	12" Riser	18" Riser
0.1 fc (1.1 lx)	10.0' (3.0 m)	12.0' (3.7 m)	12.0' (3.7 m)	15.0' (4.6 m)
0.3 fc (3.2 lx)	7.5' (2.3 m)	6.0' (1.8 m)	9.0' (2.7 m)	12.0' (3.7 m)
0.5 fc (5.4 lx)	5.0' (1.5 m)	4.5' (1.4 m)	8.2' (2.5 m)	9.5' (2.9 m)
0.8 fc (8.6 lx)	3.5' (1.1 m)	3.5' (1.1 m)	7.5' (2.3 m)	7.0' (2.1 m)
1.0 fc (10.8 lx)	3.0' (0.9 m)	3.0' (0.9 m)	6.5' (2.0 m)	6.0' (1.8 m)
0.1 fc (1.1 lx) minimum spacing recommended for residential projects				
0.3 fc (3.2 lx) minimum spacing recommended for commercial projects				

Output	1LED	3LED	ZDC
Total Lumens†	62	166	73
Input Voltage	10 to 15V	10 to 15V	11 to 15V
Input Power (W)	1.9	4.0	6.0
Power Consumption (VA)	2.2	4.4	7.2
Efficacy (lm/W)	34	43	16
Color Rendering Index (CRI)	85	85	80+
Max Candela	55	91	41
Dimming			
Primary Dimming (Transformer)	Consult transformer specifications		
Secondary Dimming (Fixture)	Phase-cut**	Phase-cut**	Luxor
RGBW Available	No	No	Yes
Luxor Compatibility			
Default	Zoning	Zoning	--
ZD Option	Zoning/Dimming	Zoning/Dimming	--
ZDC Option	--	--	Zoning/Dimming/Color
Minimum Rated Life L70 (Hrs)	72,000	72,000	55,000

**For optimal performance, use a trailing-edge, phase-cut dimmer.

†Measured using the 2,700K CCT option.

TM Path Light - Recommended Spacing

Footcandles (Lux)	1 LED		3 LED	
	12" Riser	18" Riser	12" Riser	18" Riser
0.1 fc (1.1 lx)	10.0' (3.0 m)	12.0' (3.7 m)	12.0' (3.7 m)	15.0' (4.6 m)
0.3 fc (3.2 lx)	7.5' (2.3 m)	6.0' (1.8 m)	9.0' (2.7 m)	12.0' (3.7 m)
0.5 fc (5.4 lx)	5.0' (1.5 m)	4.5' (1.4 m)	8.2' (2.5 m)	9.5' (2.9 m)
0.8 fc (8.6 lx)	3.5' (1.1 m)	3.5' (1.1 m)	7.5' (2.3 m)	7.0' (2.1 m)
1.0 fc (10.8 lx)	3.0' (0.9 m)	3.0' (0.9 m)	6.5' (2.0 m)	6.0' (1.8 m)

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

TM LED Path Light SPECIFICATIONS

About FX Luminaire

As a leading manufacturer of landscape and architectural lighting, FX Luminaire provides innovative products, resources, and support to help customers bring their visions to life. The company offers a range of specification-driven solutions, including fixtures, controls, and accessories, to enhance residential and commercial landscapes.

Materials

Die-cast aluminum A380 housing, top/shade, and riser.

LED

Integrated LED module with Lumileds 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 72,000 hrs. Maximum drive current: 1 A.

Optics

Conical reflector maximizes distribution according to riser height. Color temperature lenses accessories available.

Threads

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

Finish

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

Hardware

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

Wiring

18 AWG (1 mm); SPT-1W; 220°F (105°C); 300V; 10' (3 m) length without riser.

Sockets

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

Power

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

Housing

Die-cast aluminum housing with capacity for 1LED, 3LED, or ZDC integrated LEDs.

Weight

4.0 lbs. (1.8 kg)

Lens

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

International Compliance

Compliant per IEC 60598-1 and IEC 60598-2-4 when used with International Spike Kit ("EKITSPIKE") or alternate mount greater than or equal to IP65.

Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

Installation Requirements

Designed for installation in the downward lighting direction only.

Control

Luxor ZD or ZDC options utilize 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.

Manufacturing

ISO 9001:2015 certified facility.

Warranty

10-Year Limited Warranty

Listings



TM LED Path Light ORDERING INFORMATION

Fixture	Top Finish	Riser	Control	Power	Color Temp	Riser Height	Finish
TMLEDTA	BZ Bronze Metallic	A (Aluminum)	[Default] Zone with Luxor, On/Off, Phase Dimmable	1 LED 2.0W/2.4VA	[Default] Warm (2700K)	12RA	BZ Bronze Metallic
	DG Desert Granite		ZD Zone/Dim with Luxor	3 LED 4.0W/4.4VA	S Soft (3000K)	18RA	FB Black
	WI Weathered Iron		ZDC Zone/Dim/Color with Luxor	[default ZDC option] 6.0W/7.2VA		24RA	DG Desert Granite
	SB Sedona Brown						WI Weathered Iron
	FB Flat Black						SB Sedona Brown
	FW Flat White						FW Flat White
	SV Silver						SV Silver

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EXAMPLE FIXTURE CONFIGURATION: TMLEDTA-XX-XXXX-XX

TM Path Light - Recommended Spacing



	1 LED		3 LED	
Footcandles (Lux)	12" Riser	18" Riser	12" Riser	18" Riser
0.1 fc (1.1 lx)	10.0' (3.0 m)	12.0' (3.7 m)	12.0' (3.7 m)	15.0' (4.6 m)
0.3 fc (3.2 lx)	7.5' (2.3 m)	6.0' (1.8 m)	9.0' (2.7 m)	12.0' (3.7 m)
0.5 fc (5.4 lx)	5.0' (1.5 m)	4.5' (1.4 m)	8.2' (2.5 m)	9.5' (2.9 m)
0.8 fc (8.6 lx)	3.5' (1.1 m)	3.5' (1.1 m)	7.5' (2.3 m)	7.0' (2.1 m)
1.0 fc (10.8 lx)	3.0' (0.9 m)	3.0' (0.9 m)	6.5' (2.0 m)	6.0' (1.8 m)



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

MOUNTING OPTIONS: Specify Separately

Mounts	Catalog No.		Mounts	Catalog No.	
Long Slot Spike	250015840000		Three-Prong Spike	250020020000	
Super Slot Spike	753900		Straight Coupling	COUP-XX*	
Ground Mount for 2.0" Schedule 40 Post Mounting with 1/2" Thread	GM-XX*		Mini J-Box for 1/2" Thread	MJB-050-XX*	
ProAim® Ratcheting Spike	PARS		Super J-Box Spike	SJ-XX*	
VersaBox® Mount with 1/2" Thread	VB-050-XX*		Variable Height Riser for Up Lights	VHR-UL	
Aluminum Riser, 3/4" Diameter	YY*-R-XX*				

POWER OPTIONS: Specify Separately

Power	Catalog No.	
Luxor Low-Voltage CUBE	LCM-LV	
Step-Down Transformer, UV (120/277 V to 12 V)	ST-UV	

Power	Catalog No.	
Plug-In Transformer, 6 W	MT-6W	
Surge Protection Module-	SURGE-MOD	

PB LED Up Light DESIGNER PREMIUM



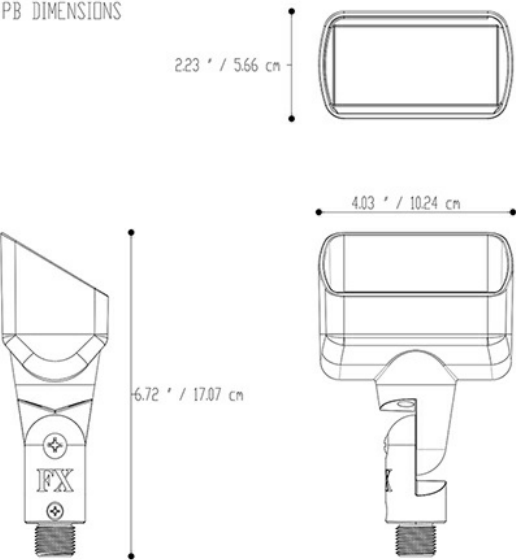
PROJECT
CATALOG #
TYPE
NOTES

The PB is a compact LED Wall Wash lighting solution. Available in one or three LED, and ZDC options. The wider angle of the PB allows a broader lighting option for larger structures and spaces. Engineered with solid construction, yet petite in size.

Quick Facts

- Die-cast aluminum or brass
- Two-layer marine-grade anodization and powder coat finish
- Natural brass and antique finishes
- Lumileds® Integrated LEDs
- ProAim™ adjustability
- Compatible with Luxor® technology
- Phase and PWM dimmable
- Input voltage: 10-15V

PB DIMENSIONS



Output	1LED	3LED	3LEDT	ZDC
Total Lumens†	105	265	145	125-255
Input Voltage	10 to 15V	10 to 15V	10 to 15V	11 to 15V
Input Power (W)	1.9	4.0	4.2	6.0
VA	2.2	4.4	4.5	7.2
Efficacy (Lumens/Watt)	57	68	42	37
Color Rendering Index (CRI)	83	84	--	83
Center Beam Candlepower			304	122
Ver Wide Flood (90)	53	136		
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	--
ZDC Option	--	--	--	Zoning/Dimming/Color
Minimum Rated Life (L70)	L70 (hrs) 72,000	L70 (hrs) 72,000	L70 (hrs) 72,000	L70 (hrs) 72,000

** For optimal performance, use a trailing-edge, phase-cut dimmer.
† 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).

PB LED Up Light SPECIFICATIONS

About FX Luminaire

As a leading manufacturer of landscape and architectural lighting, FX Luminaire provides innovative products, resources, and support to help customers bring their visions to life. The company offers a range of specification-driven solutions, including fixtures, controls, and accessories, to enhance residential and commercial landscapes.

Materials

Die-cast C360 brass housing, shroud, and knuckle/base assembly with brass hardware.

Knuckle

Die-cast brass knuckle with ½"-14 (13 mm) NPSM threads. Compress and lock features prevent slip after installation. 9° increments adjustability over 220

LED

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

Optics

Polycarbonate color temperature adjustment lenses included with fixture: 2,700K (preinstalled), 3,900K (no lens), 4,500K, and 5,200K. Color temperature lenses field serviceable. Beam angle is calculated using LM-79 method for SSL luminaires.

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 with setscrew. Includes ProAim ratcheting ABS spike for 360° horizontal rotation in 10° increments. Tamperresistant locking screw included.

Wiring

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

Sockets

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

Power

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

Housing

Die-cast brass housing with capacity for 1LED, 3LED, or ZDC integrated LEDs.

Glare Control

Die-cast brass shroud with 30° cutoff.

Weight

2.4 lbs. (1.1 kg)

Lens

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

Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

Installation Requirements

Designed for installation in the upward direction only.

Control

ZD or ZDC options utilize 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

Manufacturing

ISO 9001:2015 certified facility












Warranty

10-year limited warranty

Listings



PB LED Up Light ORDERING INFORMATION

Fixture Control		Power	Color Temp	Compliance	Finish	
PB	[Default] Zone with Luxor, On/Off, Phase Dimmable	1 LED 2.0W/2.4VA	[Default] Warm (2700K)	[default] North America (UL Listed)	BZ Bronze Metallic	
	ZD Zone/Dim with Luxor	3 LED 4.0W/4.4VA	S Soft (3000K)	E International (CE Certified)	FB Black	
	ZDC Zone/Dim/Color with Luxor	3 LEDT Wildlife-Friendly (585-595 nm)	C Cool (4000K)		DG Desert Granite	
		[default ZDC option] 6.0W/7.2VA	[Default] Wildlife-friendly amber		WI Weathered Iron	
			[Default] RGBW, ZDC Option Required		SB Sedona Brown	
					FW Flat White	
					SV Silver	
					AB Antique Bronze	
					AT Antique Tumbled	
					NP Nickel Plate	
					BS Natural Brass	

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EXAMPLE FIXTURE CONFIGURATION: PB-XX-XXXX-XX

PB-1LED - Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	Foot-Candles (Lux)	Vertical : 77.2 °	Horizontal : 90.8 °
3' (0.9 m)	5.9 fc (63 lx)	4.8 ft (1.5 m)	6.1 ft (1.9 m)
6.0' (1.8 m)	1.5 fc (16 lx)	9.6 ft (2.9 m)	12.2 ft (3.7 m)
9.0' (2.7 m)	0.7 fc (7 lx)	14.4 ft (4.4 m)	18.2 ft (5.5 m)
12.0' (3.7 m)	0.4 fc (4 lx)	19.2 ft (5.9 m)	24.3 ft (7.4 m)
15.0' (4.6 m)	0.2 fc (3 lx)	23.9 ft (7.3 m)	30.4 ft (9.3 m)
18.0' (5.4 m)	0.2 fc (2 lx)	28.7 ft (8.7 m)	36.5 ft (11.1 m)

PB-3LED - Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	Foot-Candles (Lux)	Vertical : 77.1 °	Horizontal : 91.8 °
3' (0.9 m)	15 fc (161 lx)	4.8 ft (1.5 m)	6.2 ft (1.9 m)
6.0' (1.8 m)	3.8 fc (40 lx)	9.6 ft (2.9 m)	12.4 ft (3.8 m)
9.0' (2.7 m)	1.7 fc (18 lx)	14.4 ft (4.4 m)	18.6 ft (5.7 m)
12.0' (3.7 m)	0.9 fc (10 lx)	19.1 ft (5.8 m)	24.8 ft (7.6 m)
15.0' (4.6 m)	0.6 fc (6 lx)	23.9 ft (7.3 m)	30.9 ft (9.4 m)
18.0' (5.4 m)	0.4 fc (5 lx)	28.7 ft (8.7 m)	37.1 ft (11.3 m)


























PB-3LEDT - Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	Foot-Candles (Lux)	Vertical : 29.2 °	Horizontal : 30.3 °
4.0' (1.2 m)	19 fc (203 lx)	2 ft (0.6 m)	2.2 ft (0.7 m)
8.0' (2.4 m)	5 fc (60 lx)	4 ft (1.3 m)	4.3 ft (1.3 m)
12.0' (3.7 m)	2 fc (23 lx)	6 ft (1.9 m)	6.5 ft (2.0 m)
16.0' (4.9 m)	1.2 fc (13 lx)	8 ft (2.5 m)	8.7 ft (2.7 m)
20.0' (6.1 m)	0.8 fc (9 lx)	10 ft (3.2 m)	10.8 ft (3.3 m)
24.0' (7.3 m)	0.5 fc (5 lx)	13 ft (3.9 m)	13 ft (3.9 m)




PB-ZDC - Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	Foot-Candles (Lux)	Vertical : 52.3 °	Horizontal : 54.1 °
4.0' (1.2 m)	7.6 fc (82 lx)	4 ft (1.2 m)	4 ft (1.3 m)
8.0' (2.4 m)	1.8 fc (21 lx)	8 ft (2.4 m)	8 ft (2.5 m)
12.0' (3.7 m)	0.9 fc (10 lx)	12 ft (3.6 m)	12 ft (3.8 m)
16.0' (4.9 m)	0.5 fc (5 lx)	16 ft (4.8 m)	16 ft (5.0 m)
20.0' (6.1 m)	0.3 fc (3 lx)	20 ft (6.0 m)	20 ft (6.2 m)
24.0' (7.3 m)	0.2 fc (2 lx)	24 ft (7.2 m)	25 ft (7.5 m)

MOUNTING OPTIONS: Specify Separately

Mounts	Catalog No.		Mounts	Catalog No.	
Long Slot Spike	250015840000		Three-Prong Spike	250020020000	
Lock Ring	250030410000SP		Super Slot Spike	753900	
Straight Coupling	COUP-XX*		90° Coupling	ELBW-050-XX*	
Gutter Mount	GM-SS		Ground Mount for 2.0" Schedule 40 Post Mounting with ½" Thread	GM-XX*	
2.5" Post Mount with Stabilizer	LS6054		Mini J-Box for ½" Thread	MJB-050-XX*	
Mini Mount	MM-050-XX*		ProAim® Ratcheting Spike	PARS	
Post Mount for 1.5" Schedule 40 Post Mounting with ½" Thread	PM-XX*		Super J-Box Spike	SJ-XX*	
TreeBox® Mount with ½" Thread	TB-XX*		T-Mount Coupling with ½" Thread	TMNT-050-XX*	
Tree Ring	TR-YY*-8P-XX*		VersaBox® Mount with ½" Thread	VB-050-XX*	
Variable Height Riser for Up Lights	VHR-UL		Wall Mount Knuckle	WM-XX*	
Single-Gang Wall Plate with ½" Thread	WP-1G-050-XX*		Round Wall Plate with ½" Thread	WP-RD-050-XX*	
1.0" (25 mm) Copper Riser for GT Path Light	YY*-R-GT-XX*		Sign Light Riser, Aluminum	YY*-R-SL-XX*	
Aluminum Riser, ¾" Diameter	YY*-R-XX*				

POWER OPTIONS: Specify Separately

Power	Catalog No.		Power	Catalog No.	
Plug-In Transformer, 6 W	MT-6W		Step-Down Transformer, UV (120/277 V to 12 V)	ST-UV	
	SURGE-MOD				

FB LED Up Light DESIGNER BASE



PROJECT

CATALOG #

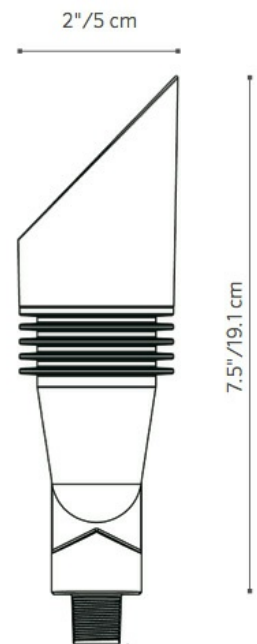
TYPE

NOTES

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.

Quick Facts

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



Output	1 LED	3 LED
Total Lumens†	114	282
Input Voltage	10 to 15V	10 to 15V
Input Power	1.9 W	4.0 W
Power Consumption (VA)	2.2 W	4.4 W
Efficacy (lm/W)	63	72
Color Rendering Index (CRI)	83	83
Center Beam Candle Power (CBCP)*		
Flood (35)	244	567
Dimming		
Primary Dimming (Transformer level)	Consult transformer specifications	
Secondary Dimming (Fixture level)	Phase-cut**	Phase-cut**
RGBW Available	No	No
Luxor Compatibility		
Default	Zoning	Zoning
ZD Option	--	Zoning/Dimming
ZDC Option	--	--
Mininum Rated Life L70 (Hrs)	72,000	72,000

*Information for Wide Flood available in IES files
**For optimal performance, use a trailing-edge (reverse phase-cut) dimmer
†Measured using the 2,700K CCT option

FX Luminaire

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

Materials

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

Knuckle

Die-cast zinc/aluminum alloy knuckle with ½"-14 (13 mm) NPSM threads. Compress and lock features prevent slip after installation. 9° increments adjustability over 220° of vertical adjustment.

LED

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

Optics

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 pre-assembled to fixture. For additional color filters, spread lenses, hex baffles, etc., use MR-16 sized accessories (MR-16: 1.95" (49.5 mm) dia. x 1.1 mm thickness). Beam angle is calculated using LM-79 method for SSL luminaires.

Finish

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

Hardware

Stainless steel angle lock screw. Includes 10" (254 mm) ABS slotted installation spike.

Wiring

18 AWG (1 mm); SPT-1W; 220°F (105°C); 300V; 5' (1.5 m) length.

Sockets

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

Power

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

Housing

Die-cast aluminum housing with capacity for 1LED, 3LED, or ZDC integrated LEDs.

Glare Control

Die-cast aluminum shroud with 45° cutoff shroud.

Weight

1.92 lbs. (0.87 kg)

Lens

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

International Compliance

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

Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

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 upward direction only.

Control

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

Manufacturing

ISO 9001:2015 certified facility

Warranty

10 Years

Listings



Fixture	Control	Power	Compliance	Finish
FB	[Default] Zone with Luxor, On/Off, Phase Dimmable	1 LED 2.0W/2.4VA	[default] 12V (North America)	BZ Bronze Metallic
	ZD Zone/Dim with Luxor	3 LED 4.0W/4.4VA	E International (CE Certified)	FB Black
				DG Desert Granite
				WI Weathered Iron
				SB Sedona Brown
				FW Flat White
				SV Silver



EXAMPLE FIXTURE CONFIGURATION: FB-XX-XXXX-XX
























FB 1LED - Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	Foot-Candles (Lux)	Vertical : 19.3 °	Horizontal : 19.9 °
20.0' (6.1 m)	19.3 fc (208 lx)	1.4' (0.4 m)	1.4' (0.4 m)
4.0' (1.2 m)	4.8 fc (52 lx)	2.7' (0.9 m)	2.8' (0.9 m)
8.0' (2.4 m)	2.1 fc (23 lx)	4.1' (1.3 m)	4.2' (1.3 m)
12.0' (3.7 m)	1.2 fc (13 lx)	5.4' (1.7 m)	5.6' (1.7 m)
16.0' (4.9 m)	0.8 fc (9 lx)	6.8' (2.1 m)	7.0' (2.1 m)
24.0' (7.3 m)	0.5 fc (5 lx)	8.1' (2.6 m)	8.4' (2.6 m)

FB 3LED - Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	Foot-Candles (Lux)	Vertical : 17.3 °	Horizontal : 17.2 °
20.0' (6.1 m)	69.2 fc (745 lx)	1.2' (0.4 m)	1.2' (0.4 m)
4.0' (1.2 m)	17.3 fc (186 lx)	2.4' (0.7 m)	2.4' (0.7 m)
8.0' (2.4 m)	7.7 fc (83 lx)	3.6' (1.1 m)	3.6' (1.1 m)
12.0' (3.7 m)	4.3 fc (46 lx)	4.9' (1.5 m)	4.9' (1.5 m)
16.0' (4.9 m)	2.8 fc (30 lx)	6.1' (1.9 m)	6.1' (1.9 m)
24.0' (7.3 m)	1.9 fc (21 lx)	7.3' (2.2 m)	7.3' (2.2 m)



MOUNTING OPTIONS: Specify Separately

Mounts	Catalog No.		Mounts	Catalog No.	
Long Slot Spike	250015840000		Three-Prong Spike	250020020000	
Lock Ring	250030410000SP		Super Slot Spike	753900	
Straight Coupling	COUP-XX*		90° Coupling	ELBW-050-XX*	
Gutter Mount	GM-SS		Ground Mount with ½" Thread	GM-XX*	
Mini J-Box for ½" Thread	MJB-050-XX*		Mini Mount	MM-050-XX*	
ProAim® Ratcheting Spike	PARS		Post Mount	PM-XX*	
Super J-Box Spike	SJ-XX*		TreeBox® Mount with ½" Thread	TB-XX*	
T-Mount Coupling with ½" Thread	TMNT-050-XX*		Tree Ring	TR-YY*-8P-XX*	
VersaBox® Mount with ½" Thread	VB-050-XX*		Variable Height Riser for Up Lights	VHR-UL	
Wall Mount Knuckle	WM-XX*		Single-Gang Wall Plate with ½" Thread	WP-1G-050-XX*	
Round Wall Plate with ½" Thread	WP-RD-050-XX*		Sign Light Riser, Aluminum	YY*-R-SL-XX*	
Aluminum Riser, ¾" Diameter	YY*-R-XX*				

GLARE CONTROL: Specify Separately

Glare Control	Catalog No.		Glare Control	Catalog No.
Hex Baffle for MR-16 LED Lamps	250015260000			

POWER OPTIONS: Specify Separately

Power	Catalog No.	
Plug-In Transformer, 6 W	MT-6W	
Surge Protection Module	SURGE-MOD	
-		

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