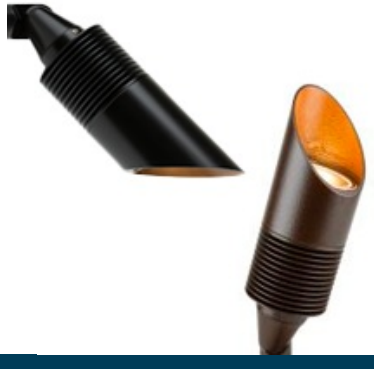
FXLuminaire

XA-70 Grande Accent Light

DESIGNER PLUS



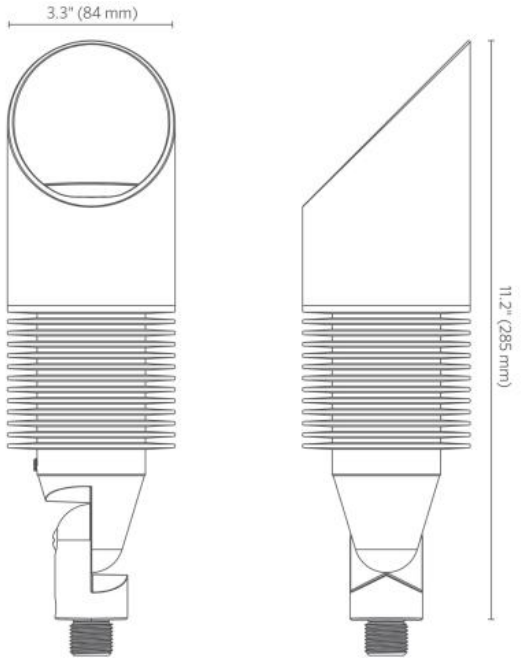
PROJECT

CATALOG #

TYPE

NOTES

The new Exa Collection offers high-output performance with low-voltage simplicity. Combining light output of 1,000 lumens with top-tier integrated LED technology, the XA-70 Grande Accent Light offers three precision beam angle options, two correlated color temperatures, and multiple mounting orientations. Featuring a patent-pending adjustable body, robust mechanical seals, and an IP66/IP67 rating, flexibility and durability are no longer a trade-off.



Quick Facts

- Die-cast aluminum with two-layer anodization and a TGIC powder-coat finish
- Cree® integrated LED up to 1,000 lumens
- Two correlated color temperature (CCT) options: 2,700K and 3,000K
- Three beam angle options: 20°, 40°, 60°
- Available with ground stake or Mini J-Box (MJB)
- Compatible with Luxor® Technology
- Input Voltage: 10 to 15 V

Output	H1*	ZDC**
Total Lumens (lm)	1,062	450-1,000
Input Voltage	10 to 15V	11 to 15V
Input Power (W)	18.0	21.0
Power Consumption (VA)	23.0	25.0
Efficacy (Lumens/Watt)	59	47
Color Rendering Index (CRI)	84	-
Maximum Candela (cd)		
Spot (20°)	3,600	-
Flood (40°)	2,058	-
Wide Flood (50°)	-	1,262
Wide Flood (60°)	1,013	-
Luxor Compatibility		
Default	Zoning	Zoning
ZD Option	Zoning/Dimming	Zoning/Dimming
ZDC Option	-	Zoning/Dimming/Color
Minimum Rated Life (L70)	72,000 hrs	55,000 hrs

*Measured using the 3,000k CCT option with a Flood (40°) beam angle. See ies files for additional photometry data.

**Measured with all four colors turned on at 100%

XA-70 Grande Accent 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 A380 aluminum housing and shield with stainless steel hardware. Die-cast zinc/ aluminum alloy knuckle.

LED

Integrated module with Cree LEDs. Gold-plated connectors and potted driver for maximum reliability and corrosion resistance. Proprietary onboard intelligent driver uses firmware-controlled temperature regulation, maximizing LED life.

Optics

Color temperature and beam angle defined by part number. Both components are serviceable with parts ordered separately.

NEMA Type

4 H x 4 V

Threads

1/2"-14 NPSM

Dimming

Primary: Consult transformer specifications Secondary: Luxor® control or a trailing-edge (reverse phase-cut) dimmer.

Adjustability

Compress-and-lock features prevent slip after installation. Offers 9° increments of adjustability over 220° of vertical alignment.

Configuration

Integral driver.

Finish

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

Hardware

Stainless steel angle lock screw and set screw. Includes 10" (254 mm) ABS slotted ground spike or Mini-Junction Box.

Wiring

18 AWG (1 mm); SPT-1W; 220°F (105°C); 300 V; 10' (3 m) length, measured from the light aperture. International ("e") length is shorter.

Sockets

Nonreplaceable Molex® connector with Moisture Block™ Technology to prevent moisture from wicking up into sealed areas of the luminaire.

Power

Input 10–15 Vac/dc, 50/60 Hz. for white, and 11–15 Vac, 50/60 Hz. for RGBW (ZDC). Remote transformer required (specify separately).

Housing

Die-cast aluminum housing with potted driver board and capacity for H1 and ZDC integrated LEDs.

Glare Control

Die-cast, threaded aluminum shield with 45° cutoff and O-ring seal.

Weight

3.5 lb / 1.6 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 60598-2-4 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 either upward or downward directions.

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

XA-70 Grande Accent Light ORDERING INFORMATION

Fixture	Control	Power	Color Temp	Beam Angle	Compliance	Finish
XA-70	**ZD** Zone/Dim with Luxor	**H1** 18.0 W / 23.0 VA	**W** Warm (2700K)	**SP** Spot (20°)	**[default]** North America (UL Listed)	**BZ** Bronze Metallic
	ZDC Zone/Dim/Color with Luxor	**[default ZDC option]** 21.0 W / 25.0 VA	**S** Soft (3000K)	**FL** Flood (35°)	**E** International (CE Certified)	**FB** Black
			[Default] RGBW, ZDC Option Required	**WF** Wide Flood (60°)		**DG** Desert Granite
				[default ZDC option] Wide Flood (50°)		**WI** Weathered Iron
						SB Sedona Brown
						FW Flat White
						SV Silver

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EXAMPLE FIXTURE CONFIGURATION: *XA-70*-XX-XX-X-X-XX-XX

XA-70, H1, Spot - Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	**Foot-Candles (Lux)**	**Vertical : 24 °**	**Horizontal : 24 °**
10.0' (3.0 m)	36 fc (388 lx)	4.3' (1.3 m)	4.3' (1.3 m)
20.0' (6.1 m)	9 fc (97 lx)	8.6' (2.6 m)	8.6' (2.6 m)
30.0' (9.1 m)	4 fc (43 lx)	12.8' (3.9 m)	12.9' (3.9 m)
40' (12.2 m)	2.3 fc (24 lx)	17.1' (5.2 m)	17.2' (5.2 m)
50' (15.2 m)	1.4 fc (16 lx)	21.4' (6.5 m)	21.4' (6.5 m)

XA-70, H1, Flood - Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	**Foot-Candles (Lux)**	**Vertical : 39 °**	**Horizontal : 40 °**
10.0' (3.0 m)	16.5 fc (177 lx)	7.1' (2.2 m)	7.2' (2.2 m)
20.0' (6.1 m)	4.1 fc (44 lx)	14.2' (4.3 m)	14.3' (4.4 m)
30.0' (9.1 m)	1.8 fc (20 lx)	21.3' (6.5 m)	21.5' (6.6 m)
40' (12.2 m)	1 fc (11 lx)	28.4' (8.7 m)	28.7' (8.7 m)
50' (15.2 m)	0.7 fc (7 lx)	35.5' (10.8 m)	35.9' (10.9 m)

XA-70, H1, Wide Flood - Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	**Foot-Candles (Lux)**	**Vertical : 53 °**	**Horizontal : 59 °**
10.0' (3.0 m)	10.1 fc (109 lx)	10' (3 m)	11.3' (3.4 m)
20.0' (6.1 m)	2.5 fc (27 lx)	20' (6.1 m)	22.6' (6.9 m)
30.0' (9.1 m)	1.1 fc (12 lx)	30' (9.1 m)	33.9' (10.3 m)
40' (12.2 m)	0.6 fc (7 lx)	39.9' (12.2 m)	45.2' (13.8 m)
50' (15.2 m)	0.4 fc (4 lx)	49.9' (15.2 m)	56.5' (17.2 m)

MOUNTING OPTIONS: Specify Separately

Mounts	Catalog No.	
Long Slot Spike	250015840000	
Lock Ring	250030410000SP	
CE Certified Spike	eKitSpike	
Gutter Mount	GM-SS	
Line Mount	LNM	
Mini J-Box for ½" Thread	MJB-050-XX*	
Mini Mount	MM-050-XX*	
Post Mount for 1.5" Schedule 40 Post Mounting with ½" Thread	PM-XX*	
Super J-Box Spike	SJ-XX*	
T-Mount Coupling with ½" Thread	TMNT-050-XX*	
Tree Ring Junction Box, T-Style Conduit Body	TR-JB-T-XX**	
VersaBox® Mount with ½" Thread	VB-050-XX*	
Single-Gang Wall Plate with ½" Thread	WP-1G-050-XX*	
1.0" (25 mm) Copper Riser for GT Path Light	YY*-R-GT-XX*	
Aluminum Riser, ¾" Diameter	YY*-R-XX*	

Mounts	Catalog No.	
Three-Prong Spike	250020020000	
Straight Coupling	COUP-XX*	
90° Coupling	ELBW-050-XX*	
Ground Mount for 2.0" Schedule 40 Post Mounting with ½" Thread	GM-XX*	
2.5" Post Mount with Stabilizer	LS6054	
Mounting Kit for KT or Exa In-Grade Lights	MKKT	
ProAim® Ratcheting Spike	PARS	
Riser,Straight	S-Riser	
TreeBox® Mount with ½" Thread	TB-XX*	
Tree Ring Junction Box, LL-Style Conduit Body	TR-JB-LL-XX*	
Tree Ring	TR-YY*-8P-XX*	
Variable Height Riser for Up Lights	VHR-UL	
Round Wall Plate with ½" Thread	WP-RD-050-XX*	
Sign Light Riser, Aluminum	YY*-R-SL-XX*	

LENS OPTIONS: Specify Separately

Lenses	Catalog No.
Optics Kit, Exa Collection, ZDC-6	KITOPEXAZDC
Optics Kit, H1, Spot for Exa Directional and In-Grade Lights	KITOPXA70H1SP
Optics Kit, H1, Flood for Exa Directional and In-Grade Lights	KITOPXA70H1FL
Optics Kit, H1, Wide Flood for Exa Directional and In-Grade Lights	KITOPXA70H1WF

POWER OPTIONS: Specify Separately

Power	Catalog No.	
Low-Voltage Dimmer	DIM-LV	
Mini Plug-In Transformer, 30 W	MT-30W	
Step-Down Transformer (120V to 12V)	ST-HV	
	SURGE-MOD	

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

SPLICING OPTIONS: Specify Separately

Splicing	Catalog No.	
Brass Lug Wire Connectors, 2-pack	WCHSBS2	
Heat Shrink Wire Connectors, 20-pack, Medium	WCHSMD20	

Splicing	Catalog No.	
Brass Lug Wire Connectors, 50-item Bulk Pack	WCHSBS50	
Heat Shrink Wire Connectors, 20-pack, Small	WCHSSM20	