



Optional Long Shroud

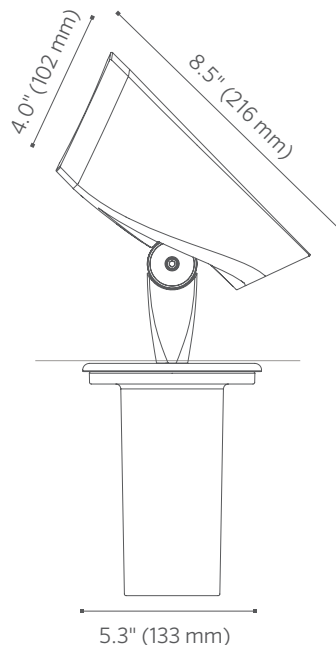
PROJECT
CATALOG #
TYPE
NOTES

## A-CT4 Up Light LINE-VOLTAGE

The elegant and versatile A-CT4 up light is especially useful for highlighting facades, signage, and other architectural accent features.

### Quick Facts

- Die-cast aluminum
  - Two-layer marine-grade anodization and powder coat finish
  - Xicato® LED module
- Full adjustability
  - Dimming: Phase or 0-10V
  - Input voltage: 110-277V
  - IP65



# A-CT4 Up Light SPECIFICATIONS

Output	L07	L10	L13
<b>Total Lumens*</b>			
Spot (20°)	585	732	1001
Flood (40°)	616	761	1025
Wide Flood (60°)	499	565	824
<b>Input Power (W)</b>	9.9	14.2	19.2
<b>Efficacy (Lumens/Watt)</b>	51-62	40-54	43-53
<b>Color Rendering Index (CRI)</b>	84	84	84
<b>Center Beam Candle Power (CBCP)</b>			
Spot (20°)	2456	3123	4067
Flood (40°)	1560	1874	2537
Wide Flood (60°)	669	806	1113
<b>Dimming</b>	Phase, 0-10V	Phase, 0-10V	Phase, 0-10V
<b>Minimum Rated Life (L80)</b>	50,000 Hrs	50,000 Hrs	50,000 Hrs
<b>Luxor® Compatibility</b>			
<b>ZD Option</b>	Luxor Cube Required	Luxor Cube Required	Luxor Cube Required

\* Luminaire output does not change according to specified CCT.

## 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.

## Ambient Operating Temperature

131°F (55°C)

## Optics

Beam angle options preinstalled: spot (20°), flood (40°), wide flood (60°). Field replaceable.

## Materials

Die-cast aluminum A380 housing and shroud with stainless steel hardware.

## Lamp

Integrated Xicato LED module. Next-Generation Corrected Cold Phosphor Technology® keeps phosphors cool for maintained light quality and very tight color consistency (within 1 x 2 MacAdam ellipses). Up to 100+ lumens per watt at operating conditions. CCT range from 2,700K to 4,000K with outputs between 700 and 1,300 lumens.

## Socket

Socket contains MoistureBlock™ technology, preventing moisture from wicking into sealed areas of the luminaire via the wiring.

## Wiring

UL1015 105°C 600V; 18/3 (1 mm) for phase dim driver and 18/5 (1 mm) for 0-10V driver.

## Housing

Die-cast aluminum housing with capacity up to 1,300 lumens. Removable LED module, optics and driver.

## Power

Three input power options: 1) standard voltage using 120V/60Hz input with phase dimming, 2) universal voltage using 110V to 277V/60Hz with 0-10V dimming, 3) high voltage using 220V to 240V/50Hz.

## Mounting Kit

ABS construction sleeve with ½" NPT knockouts. Construction cover included.

## Shroud

Die-cast aluminum shroud with recessed lens (standard) or 45° angled cutoff option (long shroud).

## Knuckle

Die-cast aluminum knuckle with ½"-14 NPSM threads. Compress and lock features prevent slip after installation. 105° of vertical adjustment with 5° increments.

## Weight

4.8 lbs. (2.2kg)

## Lens

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

## 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

10-24 x ⅜" stainless steel angle lock screw (hex) with 6-32 x ½" faceplate screws (hex).

## Installation Requirements

Designed for in-ground installation in upward or downward directions.

## Control

Luxor® lighting systems use ZD Technology® to zone luminaires in up to 250 groups and dim each group in 1% increments between 0 and 100%. To enable zoning and/or dimming capabilities for the A-CT4, specify the fixture with a Luxor Cube.

## 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.

## Warranty

5-year limited warranty

## Manufacturing

ISO 9001:2015 certified facility

## Listings



# A-CT4 Up Light ORDERING INFORMATION












Fixture	Power Control	Output	CCT	Optics	Options	Finish	Mounting
<b>A-CT4</b>	■ <b>SV</b> 120V/ 60 Hz Phase (UL listed)	■ <b>L07</b> 499-616 Lumens	■ <b>K27</b> 2,700K	■ <b>SP</b> 20°	■ <b>[default]</b> Standard Shroud	■ <b>BZ</b> Bronze	■ <b>MKCT4</b> Standard Kit (required)
	■ <b>UV</b> 110-277V/ 60 Hz 0-10V (UL listed)	■ <b>L10</b> 565-761 Lumens	■ <b>K30</b> 3,000K	■ <b>FL</b> 40°	■ <b>LS</b> Long Shroud (45°)	■ <b>DG</b> Desert Granite	
	■ <b>HV</b> 220-240V/ 50 Hz (CE approved)	■ <b>L13</b> 685-1025 Lumens	■ <b>K40</b> 4,000K	■ <b>WF</b> 60°		■ <b>WI</b> Weathered Iron	
						■ <b>SB</b> Sedona Brown	
						■ <b>FB</b> Black	
						■ <b>WG</b> White Glass	
						■ <b>FW</b> Flat White	
						■ <b>AL</b> Almond	
					■ <b>SV</b> Silver		

EXAMPLE FIXTURE CONFIGURATION: A-CT4-SV-L13-K30-FL-LS-SV-MKCT4


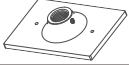

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# A-CT4 Up Light ORDERING INFORMATION

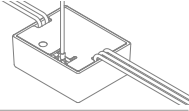
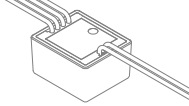
## LENS ACCESSORIES: Specify Separately

Item	Code	
<b>■ SNAP RING LENS HOLDER</b> <i>Accommodates two lenses or baffles</i> 2" (51 mm)	250025280000	
<b>■ HEX BAFFLE</b> 2" (51 mm)	250015260000	
<b>■ LINEAR SPREAD LENS</b> 2" (51 mm)	250013550000	
<b>■ SOLITE SPREAD LENS</b> 2" (51 mm)	250015240000	
<b>■ FROSTED LENS</b> 2" (51 mm)	250015170000	
<b>■ RED DICHROIC LENS</b> 2" (51 mm)	250015220000	
<b>■ GREEN DICHROIC LENS</b> 2" (51 mm)	250015210000	
<b>■ BLUE DICHROIC LENS</b> 2" (51 mm)	250015200000	
<b>■ PEACH DICHROIC LENS</b> 2" (51 mm)	250015230000	
<b>■ LIGHT GREEN DICHROIC LENS</b> 2" (51 mm)	250015180000	
<b>■ LIGHT BLUE DICHROIC LENS</b> 2" (51 mm)	250015190000	

## MOUNTING OPTIONS: Specify Separately

Mounts	Code	
<b>■ GROUND MOUNT †</b> 2.7" (67 mm Diameter)	GM-XX*	
<b>■ WALL PLATES †</b> 3.4" (85 mm) x 5.1" (129 mm)	WP-1G-050-XX*	
<b>■ WALL PLATES †</b> 5.0" (127 mm) Diameter	WP-RD-050-XX*	

## LUXOR CUBES: Specify Separately

Item	Code	
<b>■ LINE-VOLTAGE CUBE</b> 120V Phase Dimming Module	LCM-HV	
<b>■ RELAY/0-10V CUBE</b> 0-10V and Relay Module	LCM-RLY-010V	

\* XX = finish code  
 \*\* Included with LV  
 † LV only

# A-CT4 Up Light PHOTOMETRICS

A-CT4 700 Lumens 20°

Feet	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 24.1°	Horizontal 24.8°
4 ft (1.2 m)	138 fc (1,485 lx)	1.7 ft (0.5 m)	1.8 ft (0.6 m)
8 ft (2.4 m)	34.5 fc (371 lx)	3.4 ft (1.0 m)	3.5 ft (1.1 m)
12 ft (3.7 m)	15.3 fc (165 lx)	5.1 ft (1.6 m)	5.3 ft (1.6 m)
16 ft (4.9 m)	8.6 fc (93 lx)	6.8 ft (2.1 m)	7.0 ft (2.1 m)
20 ft (6.0 m)	5.5 fc (59 lx)	8.5 ft (2.6 m)	8.8 ft (2.7 m)
24 ft (7.3 m)	3.8 fc (41 lx)	10.2 ft (3.1 m)	10.5 ft (3.2 m)

A-CT4 1,000 Lumens 20°

Feet	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 24.1°	Horizontal 24.0°
4 ft (1.2 m)	194 fc (2,088 lx)	1.7 ft (0.5 m)	1.7 ft (0.5 m)
8 ft (2.4 m)	48.6 fc (523 lx)	3.4 ft (1.0 m)	3.4 ft (1.0 m)
12 ft (3.7 m)	21.6 fc (233 lx)	5.1 ft (1.6 m)	5.1 ft (1.6 m)
16 ft (4.9 m)	12.2 fc (131 lx)	6.8 ft (2.0 m)	6.8 ft (2.0 m)
20 ft (6.0 m)	7.8 fc (84 lx)	8.5 ft (2.6 m)	8.5 ft (2.6 m)
24 ft (7.3 m)	5.4 fc (58 lx)	10.3 ft (3.1 m)	10.3 ft (3.1 m)

A-CT4 700 Lumens 40°

Feet	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 37.8°	Horizontal 37.7°
4.0 ft (1.2 m)	93.7 fc (1,009 lx)	2.7 ft (0.8 m)	2.7 ft (0.8 m)
8.0 ft (2.4 m)	23.4 fc (252 lx)	5.5 ft (1.7 m)	5.5 ft (1.7 m)
12.0 ft (3.7 m)	10.4 fc (112 lx)	8.2 ft (2.5 m)	8.2 ft (2.5 m)
16.0 ft (4.9 m)	5.9 fc (63 lx)	10.9 ft (3.3 m)	10.9 ft (3.3 m)
20.0 ft (6.0 m)	3.8 fc (40 lx)	13.7 ft (4.2 m)	13.6 ft (4.2 m)
24.0 ft (7.3 m)	2.6 fc (28 lx)	16.4 ft (5.0 m)	16.4 ft (5.0 m)

A-CT4 1,000 Lumens 40°

Feet	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 38.8°	Horizontal 38.7°
4.0 ft (1.2 m)	117 fc (1,259 lx)	2.8 ft (0.9 m)	2.8 ft (0.9 m)
8.0 ft (2.4 m)	29.3 fc (315 lx)	5.6 ft (1.7 m)	5.6 ft (1.7 m)
12.0 ft (3.7 m)	13.0 fc (140 lx)	8.5 ft (2.6 m)	8.4 ft (2.6 m)
16.0 ft (4.9 m)	7.3 fc (79 lx)	11.3 ft (3.4 m)	11.2 ft (3.4 m)
20.0 ft (6.0 m)	4.7 fc (51 lx)	14.1 ft (4.3 m)	14.0 ft (4.3 m)
24.0 ft (7.3 m)	3.3 fc (35 lx)	16.9 ft (5.2 m)	16.8 ft (5.1 m)

A-CT4 700 Lumens 60°

Feet	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 51.7°	Horizontal 53.6°
4 ft (1.2 m)	41.7 fc (449 lx)	3.9 ft (1.2 m)	4.0 ft (1.2 m)
8 ft (2.4 m)	10.4 fc (112 lx)	7.8 ft (2.4 m)	8.1 ft (2.5 m)
12 ft (3.7 m)	4.6 fc (50 lx)	11.6 ft (3.5 m)	12.1 ft (3.7 m)
16 ft (4.9 m)	2.6 fc (28 lx)	15.5 ft (4.7 m)	16.2 ft (4.9 m)
20 ft (6.0 m)	1.7 fc (18 lx)	19.4 ft (5.9 m)	20.2 ft (6.2 m)
24 ft (7.3 m)	1.2 fc (13 lx)	23.3 ft (7.1 m)	24.2 ft (7.4 m)

A-CT4 1,000 Lumens 60°

Feet	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 52.4°	Horizontal 51.9°
4.0 ft (1.2 m)	50.4 fc (543 lx)	3.9 ft (1.2 m)	3.9 ft (1.2 m)
8.0 ft (2.4 m)	12.6 fc (136 lx)	7.9 ft (2.4 m)	7.8 ft (2.4 m)
12.0 ft (3.7 m)	5.6 fc (60 lx)	11.8 ft (3.6 m)	11.7 ft (3.6 m)
16.0 ft (4.9 m)	3.2 fc (34 lx)	15.7 ft (4.8 m)	15.6 ft (4.8 m)
20.0 ft (6.0 m)	2.0 fc (22 lx)	19.7 ft (6.0 m)	19.5 ft (5.9 m)
24.0 ft (7.3 m)	1.4 fc (15 lx)	23.6 ft (7.2 m)	23.3 ft (7.1 m)

# A-CT4 Up Light PHOTOMETRICS

A-CT4 1,300 Lumens 20°

Feet	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 24.4°	Horizontal 25.2°
4 ft (1.2 m)	252 fc (2,713 lx)	1.7 ft (0.5 m)	1.8 ft (0.6 m)
8 ft (2.4 m)	63.0 fc (678 lx)	3.5 ft (1.1 m)	3.6 ft (1.1 m)
12 ft (3.7 m)	28.0 fc (301 lx)	5.2 ft (1.6 m)	5.4 ft (1.7 m)
16 ft (4.9 m)	15.8 fc (170 lx)	6.9 ft (2.1 m)	7.1 ft (2.2 m)
20 ft (6.0 m)	10.1 fc (109 lx)	8.7 ft (2.7 m)	8.9 ft (2.7 m)
24 ft (7.3 m)	7.0 fc (75 lx)	10.4 ft (3.2 m)	10.7 ft (3.3 m)

A-CT4 1,300 Lumens 20° Long Shroud

Feet	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 24.5°	Horizontal 25.3°
4 ft (1.2 m)	253 fc (2,723 lx)	1.7 ft (0.5 m)	1.8 ft (0.5 m)
8 ft (2.4 m)	63.1 fc (679 lx)	3.5 ft (1.1 m)	3.6 ft (1.1 m)
12 ft (3.7 m)	28.1 fc (303 lx)	5.2 ft (1.6 m)	5.4 ft (1.7 m)
16 ft (4.9 m)	15.8 fc (170 lx)	6.9 ft (2.1 m)	7.2 ft (2.2 m)
20 ft (6.0 m)	10.1 fc (109 lx)	8.7 ft (2.7 m)	8.9 ft (2.7 m)
24 ft (7.3 m)	7.0 fc (76 lx)	10.4 ft (3.2 m)	10.8 ft (3.3 m)

A-CT4 1,300 Lumens 40°

Feet	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 38.2°	Horizontal 38.3°
4 ft (1.2 m)	159 fc (1,712 lx)	2.8 ft (0.9 m)	2.8 ft (0.9 m)
8 ft (2.4 m)	39.6 fc (426 lx)	5.5 ft (1.7 m)	5.6 ft (1.7 m)
12 ft (3.7 m)	17.6 fc (190 lx)	8.3 ft (2.5 m)	8.3 ft (2.5 m)
16 ft (4.9 m)	9.9 fc (107 lx)	11.1 ft (3.4 m)	11.1 ft (3.4 m)
20 ft (6.0 m)	6.4 fc (68 lx)	13.8 ft (4.2 m)	13.9 ft (4.2 m)
24 ft (7.3 m)	4.40 fc (47 lx)	16.6 ft (5.1 m)	16.7 ft (5.1 m)

A-CT4 1,300 Lumens 40° Long Shroud

Feet	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 38.9°	Horizontal 38.8°
4 ft (1.2 m)	158 fc (1,701 lx)	2.8 ft (0.9 m)	2.8 ft (0.9 m)
8 ft (2.4 m)	39.6 fc (426 lx)	5.6 ft (1.7 m)	5.6 ft (1.7 m)
12 ft (3.7 m)	17.6 fc (190 lx)	8.5 ft (2.6 m)	8.5 ft (2.6 m)
16 ft (4.9 m)	9.9 fc (107 lx)	11.3 ft (3.4 m)	11.3 ft (3.4 m)
20 ft (6.0 m)	6.3 fc (68 lx)	14.1 ft (4.3 m)	14.1 ft (4.3 m)
24 ft (7.3 m)	4.4 fc (44 lx)	16.9 ft (5.2 m)	16.9 ft (5.2 m)

A-CT4 1,300 Lumens 60°

Feet	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 52.4°	Horizontal 52.8°
4 ft (1.2 m)	69.6 fc (749 lx)	3.9 ft (1.2 m)	4.0 ft (1.2 m)
8 ft (2.4 m)	17.4 fc (187 lx)	7.9 ft (2.4 m)	7.9 ft (2.4 m)
12 ft (3.7 m)	7.7 fc (83 lx)	11.8 ft (3.6 m)	11.9 ft (3.6 m)
16 ft (4.9 m)	4.4 fc (47 lx)	15.7 ft (4.8 m)	15.9 ft (4.9 m)
20 ft (6.0 m)	2.8 fc (30 lx)	19.7 ft (6.0 m)	19.8 ft (6.0 m)
24 ft (7.3 m)	1.9 fc (21 lx)	23.6 ft (7.2 m)	23.8 ft (7.3 m)

A-CT4 1,300 Lumens 60° Long Shroud

Feet	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 48.3°	Horizontal 46.2°
4 ft (1.2 m)	69.1 fc (744 lx)	3.6 ft (1.1 m)	3.4 ft (1.0 m)
8 ft (2.4 m)	17.3 fc (186 lx)	7.2 ft (2.2 m)	6.8 ft (2.1 m)
12 ft (3.7 m)	7.7 fc (83 lx)	10.8 ft (3.3 m)	10.2 ft (3.1 m)
16 ft (4.9 m)	4.3 fc (47 lx)	14.4 ft (4.4 m)	13.7 ft (4.2 m)
20 ft (6.0 m)	2.8 fc (30 lx)	18.0 ft (5.5 m)	17.1 ft (5.2 m)
24 ft (7.3 m)	1.9 fc (21 lx)	21.5 ft (6.6 m)	20.5 ft (6.3 m)

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