



PROJECT \_\_\_\_\_

CATALOG # \_\_\_\_\_

TYPE \_\_\_\_\_

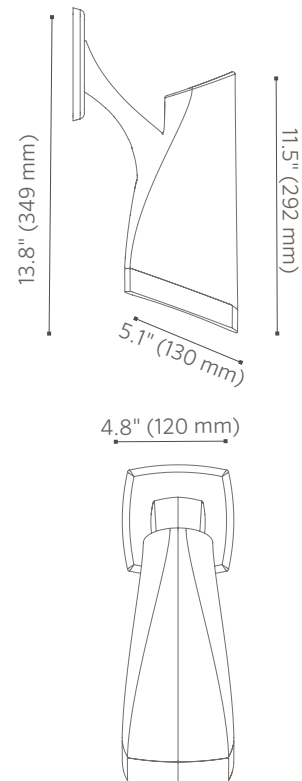
NOTES \_\_\_\_\_

## A-ST5 Down Light LINE-VOLTAGE

The curvilinear, organic form of the A-ST5 down light begins as an eased square that gently transitions to a circle. Inside, a removable cartridge houses all components for easy servicing.

### Quick Facts

- Die-cast aluminum
- Two-layer marine-grade anodization and powder coat finish
- Xicato® LED module
- Tamper-resistant features
- Removable lighting cartridge
- Dimming: Phase or 0-10V
- Input voltage: 110-277V
- IP66



# A-ST5 Down Light SPECIFICATIONS

Output	L07	L10	L13	L20
<b>Total Lumens*</b>	569-645	824-895	1,069-1,161	1,682-1,836
<b>Input Power (W)</b>	7.4	10.9	15.2	24.1
<b>VA</b>	7.6	11.2	15.3	24.3
<b>Efficacy (Lumens/Watt)</b>	77-87	76-82	71-77	70-76
<b>Color Rendering Index (CRI)</b>	83	83	82	82
<b>Center Beam Candlepower (CBCP)</b>				
<b>Short (ST)</b>	2,064	2,910	3,761	6,089
<b>Medium (MD)</b>	1,126	1,564	2,017	3,274
<b>Long (LG)</b>	704	977	1,263	2,027
<b>Dimming</b>	Phase, 0-10V	Phase, 0-10V	Phase, 0-10V	Phase, 0-10V
<b>Minimum Rated Life (L70)</b>	50,000 Hours	50,000 Hours	50,000 Hours	50,000 Hours
<b>Luxor® Compatibility</b>				
<b>ZD Options</b>	Luxor CUBE Required	Luxor CUBE Required	Luxor CUBE Required	Luxor CUBE Required

\* Measured using the flood (40°) optic. Lumen 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.

## Materials

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

## Optics

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

## Wiring

UL1015 105C 600V; 18/3 for phase dim driver and 18/5 for 0-10V driver.

## 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 lumen outputs between 700 and 2,000.

## Socket

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

## Power

Two power options: 1) standard voltage using 120V input with phase dimming, or 2) universal voltage using 110V to 277V with 0-10V dimming.

## Shroud

Die-cast aluminum shroud with recessed solite lens.

## Housing

Die-cast aluminum housing with capacity up to 2,000 lumens. Removable cartridge contains LED module, optics, and driver into a single assembly.

## Lens

Tempered glass lens with shock resistance and high tolerance for thermal expansion and stress. Solite spread lens preinstalled for soft optic lines.

## 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

¼-20 x ½" stainless steel angle lock screw (hex) with 8-32 x 7/16" setscrew (hex).

## Weight

8.2 lbs. (3.7 kg)

## 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-ST5, specify the fixture with a Luxor Cube.

## Ambient Operating Temperature

L07: -25°C to 50°C (-13°F to 122°F)

L10: -25°C to 45°C (-13°F to 113°F)

L13: -25°C to 40°C (-13°F to 104°F)

L20: -25°C to 35°C (-13°F to 95°F)

## Installation Requirements

Designed for installation in downward direction only.

## Warranty

5-year limited warranty










## 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



# A-ST5 Down Light ORDERING INFORMATION






Fixture	Power Control	Output	CCT	Optics	Finish	
A-ST5	■ SV 120V Phase NA UL Listed	■ L07 569-645 Lumens	■ K27 2,700K	■ SP 20°	■ BZ Bronze	
	■ UV 110-277V 0-10V NA UL Listed	■ L10 824-895 Lumens	■ K30 3,000K	■ FL 40°	■ DG Desert Granite	
		■ L13 1,069-1,161 Lumens	■ K40 4,000K	■ WF 60°	■ WI Weathered Iron	
		■ L20 1,682-1,836 Lumens			■ SB Sedona Brown	
					■ FB Black	
					■ WG White Gloss	
					■ FW Flat White	
					■ AL Almond	
				■ SV Silver		

EXAMPLE FIXTURE CONFIGURATION: A-ST5-SV-L10-K30-FL-BZ

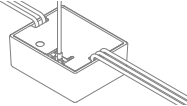
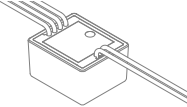
A-ST5 -  -  -  -  -

# A-ST5 Down Light ORDERING INFORMATION

## LENS ACCESSORIES: Specify Separately

Item	Code	
■ <b>HEX BAFFLE</b> 3" (76 mm)	LENS-76-HEX	
■ <b>LINEAR SPREAD LENS</b> 3" (76 mm)	LENS-76-SPRL	
■ <b>SOLITE SPREAD LENS</b> 3" (76 mm)	LENS-76-SPRS	
■ <b>FROSTED LENS</b> 3" (76 mm)	LENS-76-FRST	
■ <b>RED DICHROIC LENS</b> 3" (76 mm)	LENS-76-RED	
■ <b>GREEN DICHROIC LENS</b> 3" (76 mm)	LENS-76-GRN	
■ <b>BLUE DICHROIC LENS</b> 3" (76 mm)	LENS-76-BLU	

## LUXOR CUBES: Specify Separately

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

# A-ST5 Down Light PHOTOMETRICS

*A-ST5 700 Lumens 20°*

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 24.8°	Horizontal 24.7°
4.0 ft (1.2 m)	129 fc (1,389 lx)	1.8 ft (0.6 m)	1.8 ft (0.6 m)
8.0 ft (2.4 m)	32.3 fc (348 lx)	3.5 ft (1.1 m)	3.5 ft (1.1 m)
12.0 ft (3.7 m)	14.3 fc (154 lx)	5.3 ft (1.6 m)	5.3 ft (1.6 m)
16.0 ft (4.9 m)	8.1 fc (87 lx)	7.0 ft (2.1 m)	7.0 ft (2.1 m)
20.0 ft (6.1 m)	5.2 fc (56 lx)	8.8 ft (2.7 m)	8.8 ft (2.7 m)
24.0 ft (7.3 m)	3.6 fc (39 lx)	10.6 ft (3.2 m)	10.5 ft (3.2 m)

*A-ST5 1,000 Lumens 20°*

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 24.6°	Horizontal 24.5°
4.0 ft (1.2 m)	181 fc (1,948 lx)	1.7 ft (0.5 m)	1.7 ft (0.5 m)
8.0 ft (2.4 m)	45.3 fc (488 lx)	3.5 ft (1.1 m)	3.5 ft (1.1 m)
12.0 ft (3.7 m)	20.1 fc (216 lx)	5.2 ft (1.6 m)	5.2 ft (1.6 m)
16.0 ft (4.9 m)	11.3 fc (122 lx)	7.0 ft (2.1 m)	7.0 ft (2.1 m)
20.0 ft (6.1 m)	7.3 fc (78 lx)	8.7 ft (2.7 m)	8.7 ft (2.7 m)
24.0 ft (7.3 m)	5.0 fc (54 lx)	10.5 ft (3.2 m)	10.4 ft (3.2 m)

*A-ST5 700 Lumens 40°*

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 43.2°	Horizontal 42.9°
4.0 ft (1.2 m)	70.4 fc (758 lx)	3.2 ft (1.0 m)	3.1 ft (1.0 m)
8.0 ft (2.4 m)	17.6 fc (190 lx)	6.3 ft (1.9 m)	6.3 ft (1.9 m)
12.0 ft (3.7 m)	7.8 fc (84 lx)	9.5 ft (2.9 m)	9.4 ft (2.9 m)
16.0 ft (4.9 m)	4.4 fc (47 lx)	12.7 ft (3.9 m)	12.6 ft (3.8 m)
20.0 ft (6.1 m)	2.8 fc (30 lx)	15.8 ft (4.8 m)	15.7 ft (4.8 m)
24.0 ft (7.3 m)	2.0 fc (21 lx)	19.0 ft (5.8 m)	18.9 ft (5.8 m)

*A-ST5 1,000 Lumens 40°*

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 43.0°	Horizontal 42.7°
4.0 ft (1.2 m)	97.5 fc (1,050 lx)	3.1 ft (1.0 m)	3.1 ft (1.0 m)
8.0 ft (2.4 m)	24.4 fc (263 lx)	6.3 ft (1.9 m)	6.3 ft (1.9 m)
12.0 ft (3.7 m)	10.8 fc (116 lx)	9.4 ft (2.9 m)	9.4 ft (2.9 m)
16.0 ft (4.9 m)	6.1 fc (66 lx)	12.6 ft (3.8 m)	12.5 ft (3.8 m)
20.0 ft (6.1 m)	3.9 fc (42 lx)	15.7 ft (4.8 m)	15.6 ft (4.8 m)
24.0 ft (7.3 m)	2.7 fc (29 lx)	18.9 ft (5.8 m)	18.8 ft (5.7 m)

*A-ST5 700 Lumens 60°*

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 53.3°	Horizontal 56.3°
4.0 ft (1.2 m)	43.8 fc (472 lx)	4.0 ft (1.2 m)	4.3 ft (1.3 m)
8.0 ft (2.4 m)	11.0 fc (118 lx)	8.0 ft (2.4 m)	8.6 ft (2.6 m)
12.0 ft (3.7 m)	4.9 fc (52 lx)	12.0 ft (3.7 m)	12.8 ft (3.9 m)
16.0 ft (4.9 m)	2.7 fc (30 lx)	16.1 ft (4.9 m)	17.1 ft (5.2 m)
20.0 ft (6.1 m)	1.8 fc (19 lx)	20.1 ft (6.1 m)	21.4 ft (6.5 m)
24.0 ft (7.3 m)	1.2 fc (13 lx)	24.1 ft (7.4 m)	25.7 ft (7.8 m)

*A-ST5 1,000 Lumens 60°*

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 56.0°	Horizontal 56.0°
4.0 ft (1.2 m)	60.8 fc (655 lx)	4.3 ft (1.3 m)	4.3 ft (1.3 m)
8.0 ft (2.4 m)	15.2 fc (164 lx)	8.5 ft (2.6 m)	8.5 ft (2.6 m)
12.0 ft (3.7 m)	6.8 fc (73 lx)	12.8 ft (3.9 m)	12.8 ft (3.9 m)
16.0 ft (4.9 m)	3.8 fc (41 lx)	17.0 ft (5.2 m)	17.0 ft (5.2 m)
20.0 ft (6.1 m)	2.4 fc (26 lx)	21.3 ft (6.5 m)	21.3 ft (6.5 m)
24.0 ft (7.3 m)	1.7 fc (18 lx)	25.5 ft (7.8 m)	25.5 ft (7.8 m)

# A-ST5 Down Light PHOTOMETRICS

## A-ST5 1,300 Lumens 20°

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 24.6°	Horizontal 24.6°
4.0 ft (1.2 m)	235 fc (2,530 lx)	1.7 ft (0.5 m)	1.7 ft (0.5 m)
8.0 ft (2.4 m)	58.8 fc (633 lx)	3.5 ft (1.1 m)	3.5 ft (1.1 m)
12.0 ft (3.7 m)	26.1 fc (281 lx)	5.2 ft (1.6 m)	5.2 ft (1.6 m)
16.0 ft (4.9 m)	14.7 fc (158 lx)	7.0 ft (2.1 m)	7.0 ft (2.1 m)
20.0 ft (6.1 m)	9.4 fc (101 lx)	8.7 ft (2.7 m)	8.7 ft (2.7 m)
24.0 ft (7.3 m)	6.5 fc (70 lx)	10.5 ft (3.2 m)	10.5 ft (3.2 m)

## A-ST5 2,000 Lumens 20°

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 24.3°	Horizontal 24.2°
4.0 ft (1.2 m)	381 fc (4,101 lx)	1.7 ft (0.5 m)	1.7 ft (0.5 m)
8.0 ft (2.4 m)	95.1 fc (1,024 lx)	3.4 ft (1.0 m)	3.4 ft (1.0 m)
12.0 ft (3.7 m)	42.3 fc (455 lx)	5.2 ft (1.6 m)	5.1 ft (1.6 m)
16.0 ft (4.9 m)	23.8 fc (256 lx)	6.9 ft (2.1 m)	6.9 ft (2.1 m)
20.0 ft (6.1 m)	15.2 fc (164 lx)	8.6 ft (2.6 m)	8.6 ft (2.6 m)
24.0 ft (7.3 m)	10.6 fc (114 lx)	10.3 ft (3.1 m)	10.3 ft (3.1 m)

## A-ST5 1,300 Lumens 40°

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 42.9°	Horizontal 42.8°
4.0 ft (1.2 m)	126 fc (1,356 lx)	3.1 ft (1.0 m)	3.1 ft (1.0 m)
8.0 ft (2.4 m)	31.5 fc (339 lx)	6.3 ft (1.9 m)	6.3 ft (1.9 m)
12.0 ft (3.7 m)	14.0 fc (151 lx)	9.4 ft (2.9 m)	9.4 ft (2.9 m)
16.0 ft (4.9 m)	7.9 fc (85 lx)	12.6 ft (3.8 m)	12.5 ft (3.8 m)
20.0 ft (6.1 m)	5.0 fc (54 lx)	15.7 ft (4.8 m)	15.7 ft (4.8 m)
24.0 ft (7.3 m)	3.5 fc (38 lx)	18.9 ft (5.8 m)	18.8 ft (5.7 m)

## A-ST5 2,000 Lumens 40°

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 42.1°	Horizontal 42.0°
4.0 ft (1.2 m)	205 fc (2,207 lx)	3.1 ft (1.0 m)	3.1 ft (1.0 m)
8.0 ft (2.4 m)	51.1 fc (550 lx)	6.2 ft (1.9 m)	6.1 ft (1.9 m)
12.0 ft (3.7 m)	22.7 fc (244 lx)	9.2 ft (2.8 m)	9.2 ft (2.8 m)
16.0 ft (4.9 m)	12.8 fc (138 lx)	12.3 ft (3.8 m)	12.3 ft (3.8 m)
20.0 ft (6.1 m)	8.2 fc (88 lx)	15.4 ft (4.7 m)	15.4 ft (4.7 m)
24.0 ft (7.3 m)	5.7 fc (61 lx)	18.5 ft (5.6 m)	18.4 ft (5.6 m)

## A-ST5 1,300 Lumens 60°

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 56.1°	Horizontal 55.9°
4.0 ft (1.2 m)	78.7 fc (847 lx)	4.3 ft (1.3 m)	4.2 ft (1.3 m)
8.0 ft (2.4 m)	19.7 fc (212 lx)	8.5 ft (2.6 m)	8.5 ft (2.6 m)
12.0 ft (3.7 m)	8.7 fc (94 lx)	12.8 ft (3.9 m)	12.7 ft (3.9 m)
16.0 ft (4.9 m)	4.9 fc (53 lx)	17.0 ft (5.2 m)	17.0 ft (5.2 m)
20.0 ft (6.1 m)	3.2 fc (34 lx)	21.3 ft (6.5 m)	21.2 ft (6.5 m)
24.0 ft (7.3 m)	2.2 fc (24 lx)	25.6 ft (7.8 m)	25.4 ft (7.7 m)

## A-ST5 2,000 Lumens 60°

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 55.3°	Horizontal 55.5°
4.0 ft (1.2 m)	126 fc (1,356 lx)	4.2 ft (1.3 m)	4.2 ft (1.3 m)
8.0 ft (2.4 m)	31.5 fc (339 lx)	8.4 ft (2.6 m)	8.4 ft (2.6 m)
12.0 ft (3.7 m)	14.0 fc (151 lx)	12.6 ft (3.8 m)	12.6 ft (3.8 m)
16.0 ft (4.9 m)	7.9 fc (85 lx)	16.8 ft (5.1 m)	16.8 ft (5.1 m)
20.0 ft (6.1 m)	5.1 fc (54 lx)	20.9 ft (6.4 m)	21.1 ft (6.4 m)
24.0 ft (7.3 m)	3.5 fc (38 lx)	25.1 ft (7.7 m)	25.3 ft (7.7 m)

Xicato and Corrected Cold Phosphor Technology are trademarks of Xicato Inc. MoistureBlock is a trademark of DSM&T Co.

© 2020 Hunter Industries Inc. Hunter, FX Luminaire, all related logos, and all other trademarks are property of Hunter Industries, registered in the U.S. and other countries.