

AXT SERIES

XICATO LED

MANUFACTURED IN THE UNITED STATES - IBEW



PRODUCT LISTED
BY A NATIONALLY
RECOGNIZED
TESTING
LABORATORY



The AXT Series is designed around the Xicato™ LED remote phosphor module. This module produces an even field of illumination for the most demanding applications. AXT fixtures are ideal for museum and retail lighting where a low wattage, high output LED fixture would be required. Xicato™ LEDs exceed ANSI specifications by maintaining tight color consistency over the life of the LED module.

The fixtures are available in standard black, white, or silver finishes. Custom colors are available upon request.

LED SPECIFICATIONS

- Xicato™ cold remote phosphor LED module
- Color Temperature Options: 2700K, 3000K, 3500K, 4000K
- CRI: 83 standard or 98 optional (R9=96)
- Lumen maintenance: 86% of initial lumen output at 50,000 hours on LM-80 testing
- SDCM: 1 x 2 MacAdam Ellipse. 50 kelvin tolerance
- No UV or IR

MODEL	CRI	TOTAL WATTAGE*	LUMENS	EFFICACY (LM/W)
AXT7	83 / 98	6.5 / 8.5	684 / 684	95 / 67
AXT13	83 / 98	13 / 17	1235 / 1235	95 / 67
AXT20	83 / 98	21 / 29	1900 / 1900	102 / 76

* Total wattage equals LED plus driver. Delivered lumen may vary depending on LED module, color temperature, optics, and accessories. Testing done with 3000K LED array.

DIMMING

- Trailing edge (ELV): 120V / 277V
- Leading edge (Triac): 120V all / 277V CXT40 & CXT50
- 0-10V: 120V / 277V

CONSTRUCTION

- Steel & aluminum housing with black, white or silver finish
- 0-180° tilt, 360° rotation
- Accepts up to 3 accessories
- Weight: 3 lbs.

ELECTRICAL

- Integral electronic driver
- 100-277V, 50/60Hz
- Meets FCC 47 CFR Part 15/18 Requirements

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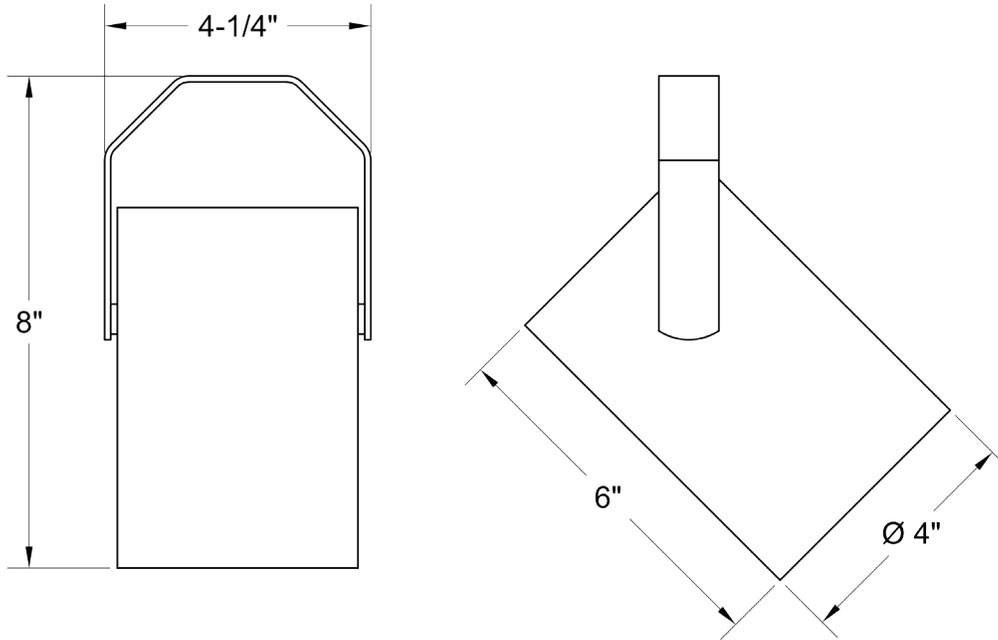
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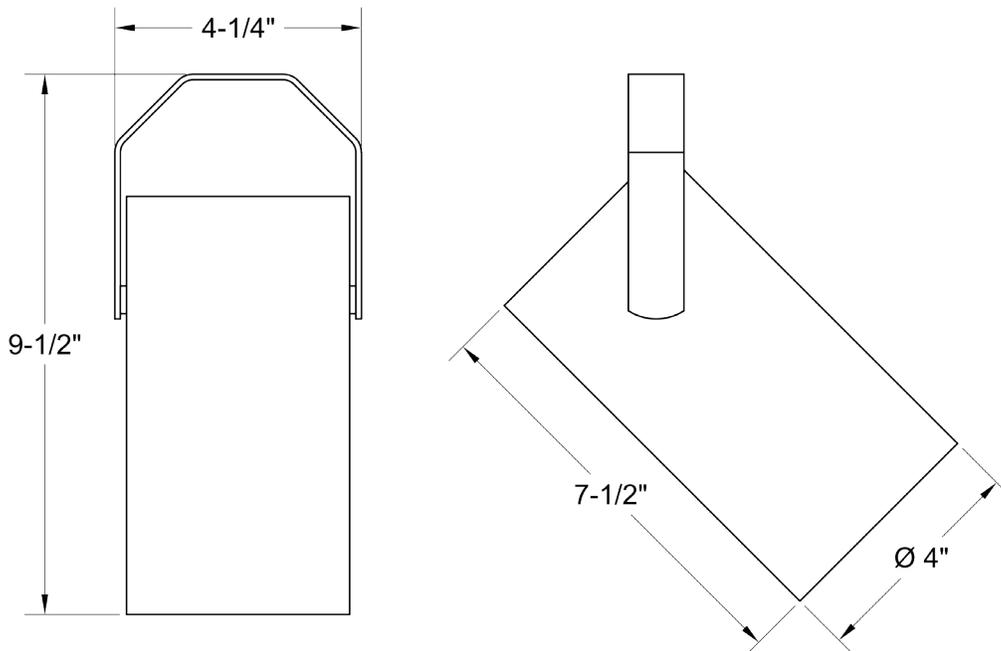


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AXT7



AXT13 & AXT20

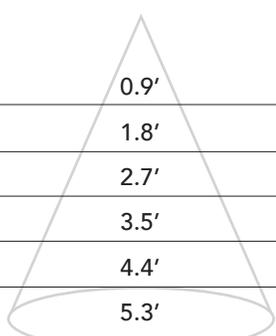


OPTICS | 10°, 20°, 40°, and 60° Field-Changeable Reflectors

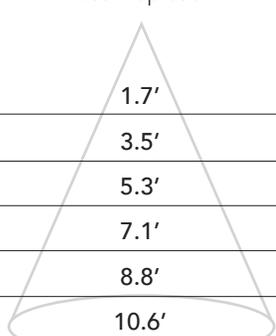
CBCP:	AXT7	AXT13	AXT20
10°	5800	10500	15300
20°	2800	5000	7300
40°	1500	2700	3800
60°	800	1500	2100

Testing done at 3000K, 83 CRI.

Distance	10° Spot Reflector Beam Spread	Footcandles		
		AXT7	AXT13	AXT20
5'	0.9'	232	420	612
10'	1.8'	58	105	153
15'	2.7'	26	47	68
20'	3.5'	15	26	38
25'	4.4'	9	17	25
30'	5.3'	6	12	17



Distance	20° Spot Reflector Beam Spread	Footcandles		
		AXT7	AXT13	AXT20
5'	1.7'	112	200	292
10'	3.5'	28	50	73
15'	5.3'	12	22	32
20'	7.1'	7	13	18
25'	8.8'	5	8	12
30'	10.6'	-	6	8



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Distance	40° Spot Reflector Beam Spread	Footcandles		
		AXT7	AXT13	AXT20
5'	3.6'	60	108	152
10'	7.3'	15	27	38
15'	10.9'	7	12	17
20'	14.6'	-	7	10
25'	18.2'	-	-	6
30'	22.2'	-	-	-

Distance	60° Spot Reflector Beam Spread	Footcandles		
		AXT7	AXT13	AXT20
5'	5.7'	32	60	84
10'	11.6'	8	15	21
15'	17.3'	-	7	9
20'	23.1'	-	-	5
25'	28.9'	-	-	-
30'	35.2'	-	-	-

MOUNTING OPTIONS

DT2 2-circuit track adapter for SpecTrack databus. 120V.

HDT2 Track adapter for SpecTrack 2-Circuit data track. 277V.

LP2 Low profile 2-circuit track adapter for SpecTrack databus. 120V.

T1 Track Adapter for commercial grade 1 & 2 circuit track. 120V. For use with larger, heavier fiCXTures.

TA2 Track adapter for G-Series specification grade 2-circuit track. 120V.

HTA2 Track adapter for G-Series specification grade 2-circuit track. 277V.

TA3 Track adapter for G-Series specification grade 3-circuit track. 120V.

CM4 Canopy Mount

US1 6-5/8" x 1-1/2" Unistrut Adapter

TB8 8" x 8" Portable table base for floor and table use

MC Light duty pipe clamp for small fiCXTures. For pipes up to 1 5/16" O.D.

MN Medium duty pipe clamp for small to large fixtures. For pipes up to 2" O.D.

PC9M Heavy duty pipe clamp for large, heavy fixtures. For pipes up to 2" O.D.

EXTENSION WANDS

SP 12	12" Stem
SP 18	18" Stem
SP 24	24" Stem
SP X	Custom Length

ACCESSORIES

BD20	Barndoor
LV22	Full Size Louver
XL22	Full Size X Baffle Louver
XH22	Full Size X Baffle Hood
HD22	Hood / Snoot
X00517	Accessory Holder
LV18*	Honeycomb Louver
FX22-26*	Red Filter
FX22-80*	Blue Filter
FX22-64*	Light Blue Filter
FX22-90*	Green Filter
FX22-21*	Amber Filter
FX22-10*	Yellow Filter
FX22-33*	Pink Filter
OF22-9101*	Smoothing Frost Filter
OF22-0S20*	20° Beam Softener
OF22-1060*	Linear Spread 10 x 60 Degree
OF22-0S30*	Beam Soft Filter
OF22-0S40*	40 / 60 Degree Diffusion
CC18	Coil Cord Option
SC-24	Safety Cable

* X00517 Required. Wide range of colors available.

NOTES ON DIMMING

Visit tslight.com/resources or scan the QR Code.



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SPECIFY:

MODEL	LUMENS	CRI	
AXT	7 = 700 13 = 1300 20 = 2000	83 98	
COLOR TEMPERATURE	FINISH	VOLTAGE	
27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K	B = Black W = White S = Silver CC = Custom Color	100 †† 120 240 277	
OPTICS	MOUNTING	DIMMING †	ACCESSORIES
10 = 10° 20 = 20° 25 = 25° 40 = 40° 60 = 60° ZO = Zoom Optics [^]	See Mounting Options for Ordering Codes	TE = Trailing Edge LE = Leading Edge [◇] 010 = 0-10V ND = Non-Dimming	See Accessory Options for Ordering Codes

Maximum Ambient Temperature: 35°C
Maximum Operating Angle: 45° from vertical

[◇] 120V Only
[^] Maximum 21 Watts

[†] See "Notes on Dimming"
^{††} Non-Dim or 0-10V Dimming Only

ORDERING INFORMATION

PROJECT:	
LOCATION:	
QUANTITY:	
CONTACT:	
PHONE:	
EMAIL:	

EXAMPLE: AXT13-83-27-B-120-AD1-TE-LV3

MODEL	LUMENS	CRI	COLOR TEMPERATURE	FINISH	VOLTAGE	OPTICS	MOUNTING	DIMMING	ACCESSORIES
AXT									