

XT SERIES

XICATO LED

MANUFACTURED IN THE UNITED STATES - IBEW



PRODUCT LISTED
BY A NATIONALLY
RECOGNIZED
TESTING
LABORATORY



The XT fixtures are designed around the Xicato™ LED remote phosphor module. This module produces an even field of illumination for the most demanding applications. XT 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)
XT7	83 / 98	6.5 / 8.5	684 / 684	95 / 67
XT13	83 / 98	13 / 17	1235 / 1235	95 / 67
XT20	83 / 98	21 / 29	1900 / 1900	102 / 76
XT30	83 / 98	32 / 37	2850 / 2850	102 / 88
XT40	83 / 98	34.2 / 45.6	3800 / 3800	117 / 88
XT50	83 / 98	41.8 / 45.6	4750 / 4750	120 / 110

* 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 XT40 & XT50
- 0-10V: 120V / 277V
- IP (Integral Pot) dimming available
- Lutron ecosystem premier driver available, featuring dimming to 0.1% and soft on/soft off incandescent like dimming. Only available on fixtures 20 watts or less.

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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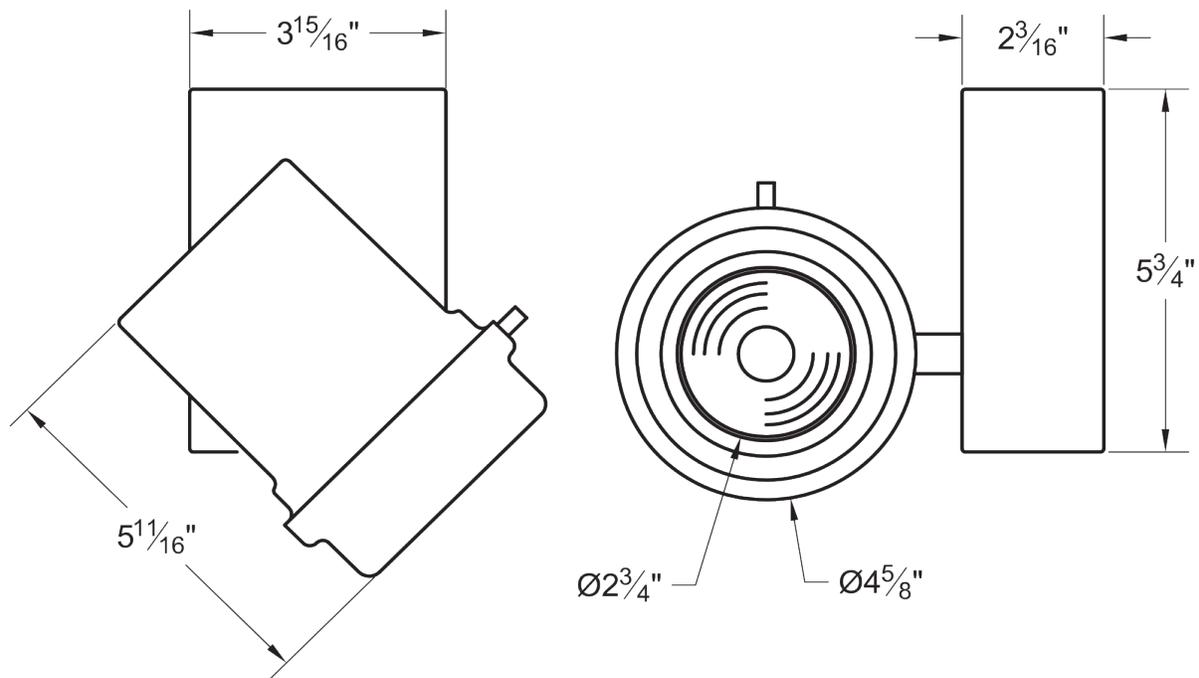
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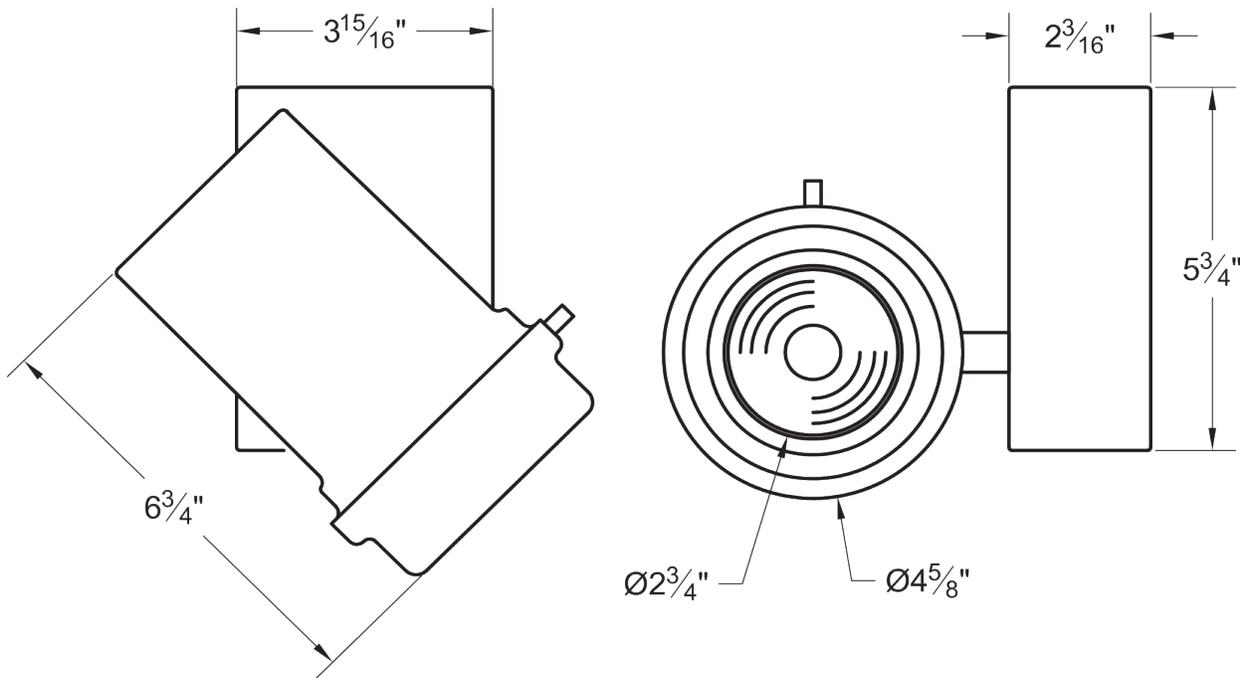


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XT7, XT13, AND XT20 (83 CRI VERSION)



XT20 (98 CRI VERSION), XT30, XT40 AND XT50



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

CBCP:	XT7	XT13	XT20	XT30	XT40	XT50
10°	5800	10500	15300	21800	32100	44100
20°	2800	5000	7300	10400	15300	21000
40°	1500	2700	3800	5400	7900	9800
60°	800	1500	2100	3000	4500	5500

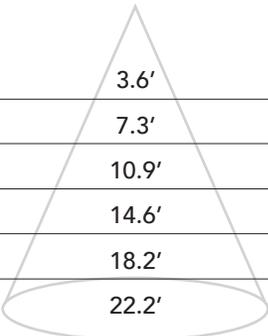
Testing done at 3000K, 83 CRI.

PHOTOMETRIC DATA

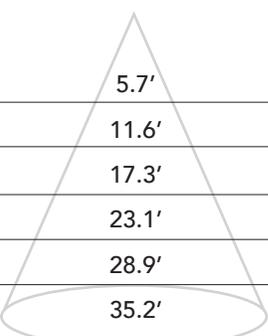
Distance	10° Spot Reflector Beam Spread	Footcandles					
		XT7	XT13	XT20	XT30	XT40	XT50
5'	0.9'	232	420	612	872	1284	1764
10'	1.8'	58	105	153	218	321	441
15'	2.7'	26	47	68	97	143	196
20'	3.5'	15	26	38	55	80	110
25'	4.4'	9	17	25	35	51	71
30'	5.3'	6	12	17	24	36	49

Distance	20° Spot Reflector Beam Spread	Footcandles					
		XT7	XT13	XT20	XT30	XT40	XT50
5'	1.7'	112	200	292	440	612	840
10'	3.5'	28	50	73	104	153	210
15'	5.3'	12	22	32	46	68	93
20'	7.1'	7	13	18	26	38	53
25'	8.8'	5	8	12	17	24	34
30'	10.6'	-	6	8	12	17	23

Distance	40° Spot Reflector Beam Spread	Footcandles					
		XT7	XT13	XT20	XT30	XT40	XT50
5'	3.6'	60	108	152	216	316	392
10'	7.3'	15	27	38	54	79	98
15'	10.9'	7	12	17	24	35	44
20'	14.6'	-	7	10	14	20	25
25'	18.2'	-	-	6	9	13	16
30'	22.2'	-	-	-	6	9	11



Distance	60° Spot Reflector Beam Spread	Footcandles					
		XT7	XT13	XT20	XT30	XT40	XT50
5'	5.7'	32	60	84	120	180	220
10'	11.6'	8	15	21	30	45	55
15'	17.3'	-	7	9	13	20	24
20'	23.1'	-	-	5	8	11	14
25'	28.9'	-	-	-	5	7	9
30'	35.2'	-	-	-	-	5	6



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MOUNTING OPTIONS

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

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

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

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 fixtures. For pipes
up to 1 5/16" O.D.

MN Medium duty pipe clamp for small to large fix-
tures. 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

LV6	Louwer
XL6	Cross Baffle Louwer
BD10	Barndoor
HD6	Hood
XH6	Cross Baffle Hood
X00517	Glass / Dichroic Holder
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
GF22-600*	5° x 50° Linear Lens
GF22-601*	Beam Softener
GF22-673*	50°x 50° Spread Lens
CC18	Coiled Cord
SC-24	Safety Cable

* X00517 Required. Wide range of colors available.

NOTES ON DIMMING

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



SPECIFY:

MODEL	LUMENS	CRI	
XT	7 = 700 13 = 1300 20 = 2000 30 = 3000 40 = 4000 50 = 5000	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 IP = Integral Pot DMX = DMX Basic ECP = Ecosystem premier 0.1% dim ^^	See Accessory Options for Ordering Codes

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

◇ 120V all / 277V XT40 and XT50
^ Maximum 21 Watts
^^ Maximum 17 Watts

† See "Notes on Dimming"
†† Non-Dim or 0-10V Dimming Only

ORDERING INFORMATION

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

EXAMPLE: XT13-83-27-B-120-AD1-TE-LV3

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