

TX Series



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Manufactured in the USA - IBEW



XICATO

Electrical

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

Construction

- Steel & aluminum housing with black, white or silver finish
- Accepts up to 3 accessories
- Weight: 3.5 lbs.

Dimming

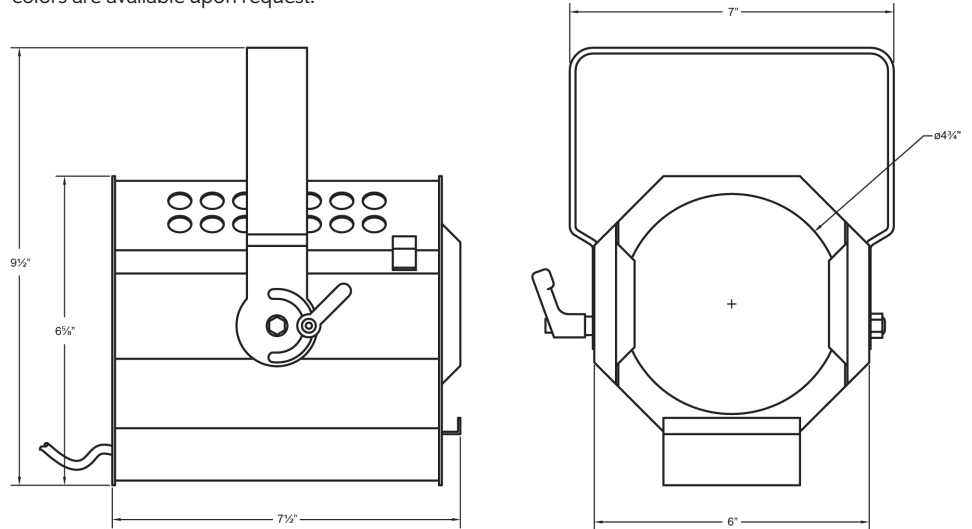
- Trailing Edge (ELV): 120 - 277V
- Leading Edge (Triac): 120V Only (not available with 3000 Lumen 98 CRI)
- 0-10V: 120-277V (not available with 3000 Lumen 98 CRI)
- IP (Integral Dimmer): 120-277V (not available with 2000 Lumen 98 CRI or 3000 Lumen)

Optics

- 20°, 40°, and 60° Field-changable reflectors
- CBCP:
 - 7250 @ 20°
 - 3775 @ 40°
 - 2125 @ 60°

The TX Series is designed around the Xicato™ LED remote phosphor module. This module produces an even field of illumination for the most demanding applications. The TX Series is 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 TX Series is available in standard black, white, or silver finishes. Custom colors are available upon request.



LED

- Xicato™ cold remote phosphor LED module
- Color temp 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
- SDLCM: 1 x 2 MacAdam Ellipse. 50 kelvin tolerance
- No UV or IR

Model	CRI	Total Wattage	Delivered Lumens	Efficacy (Lm/W)
TX13	83	13	1235	95
	98	17	1235	67
TX20	83	21	1900	102
	98	29	1900	76
TX30	83	32	2850	102
	98	37	2850	88

* Total wattage equals LED plus driver. Delivered lumen may vary depending on LED module, color temperature, optics, and accessories.

Ordering Matrix

Model	LED Module	Color Temp	Finish	Voltage	Optics	Mounting	Dimming*	Accessories
TX13	83	27 = 2700K	B = Black	100	20 = 20°	See Mounting Options	TE = Trailing Edge LE = Leading Edge** 010 = 0-10V*** IP = Integral Pot † ND = Non-Dimming	See Accessory Options
TX20	98	30 = 3000K	W = White	120	40 = 40°			
TX30		35 = 3500K	S = Silver	240	60 = 60°			
		40 = 4000K	CC = Custom Color	277				

Maximum ambient temperature: 35°C
Maximum operating angle: 45° from vertical

* See "Notes on Dimming" on reverse
** 120V Lumen only, not available with 3000 Lumen 98 CRI
*** Not available with 3000 Lumen 98 CRI
† Not available with 2000 Lumen 98 CRI or 3000 Lumen

Example: TX-20-83-27-B-100-20-TI-TE-LV17

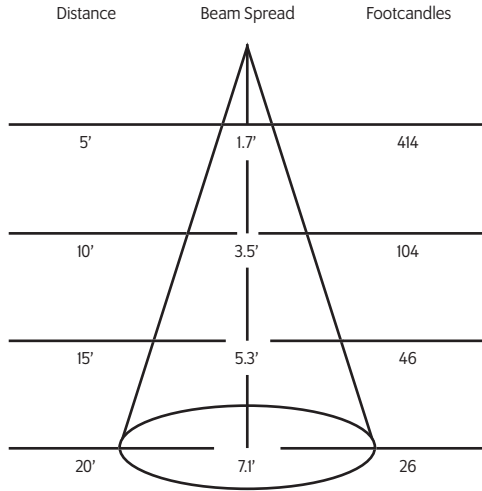
TX- _____

* Specification sheets are subject to change without notice.

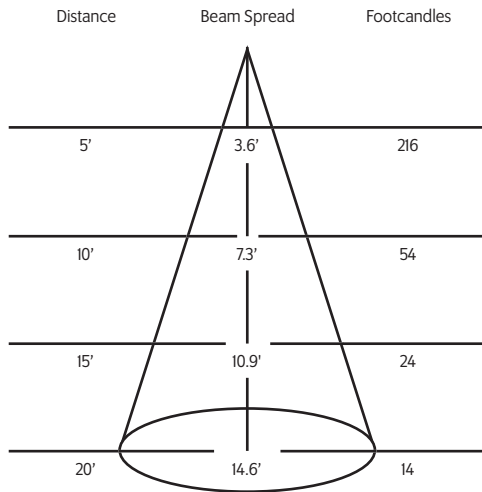
Photometric Data

TX30 3000 Lumen

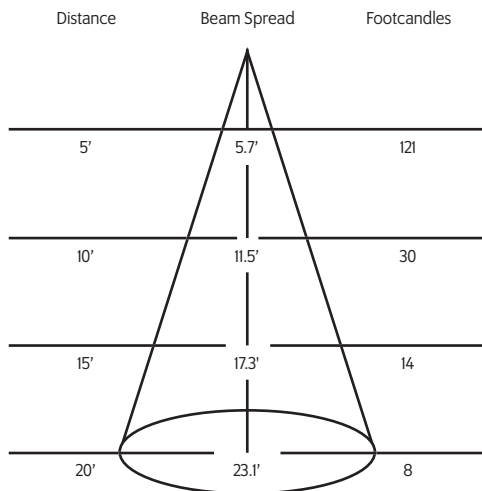
20° Spot Reflector



40° Medium Flood Reflector

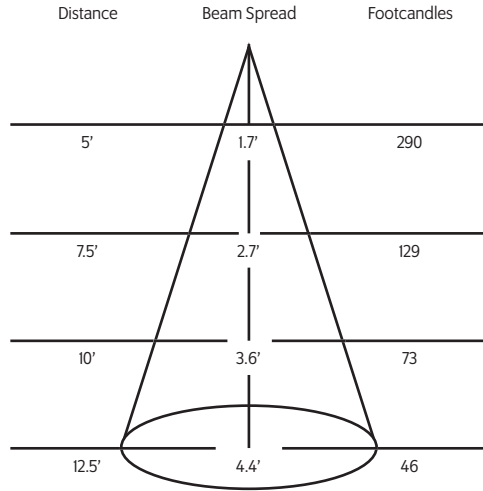


60° Flood Reflector

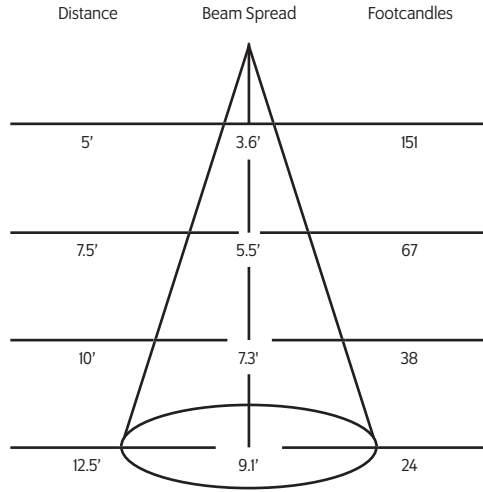


TX20 2000 Lumen

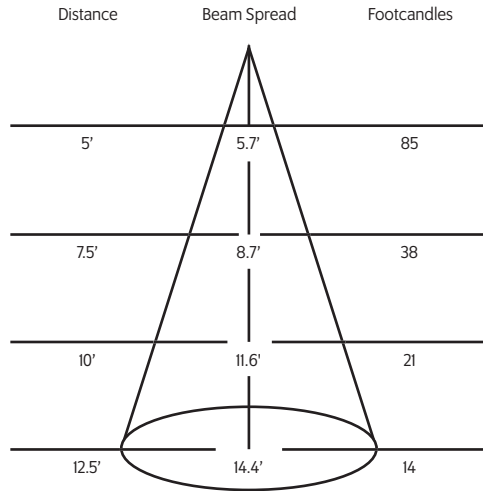
20° Spot Reflector



40° Medium Flood Reflector

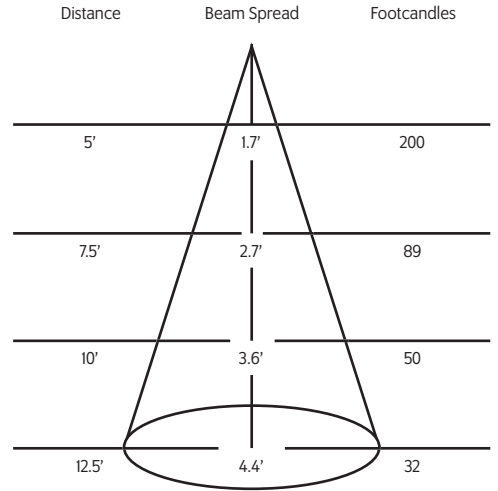


60° Flood Reflector

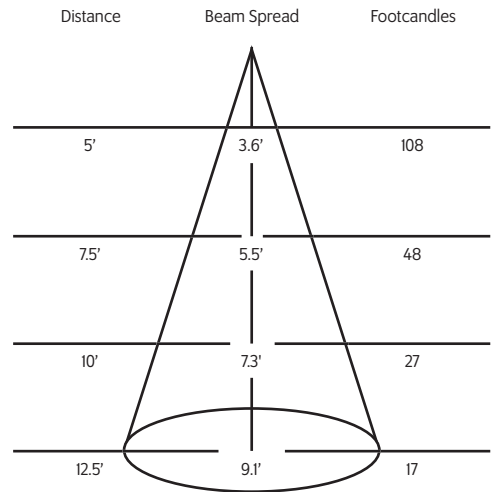


TX13 1300 Lumen

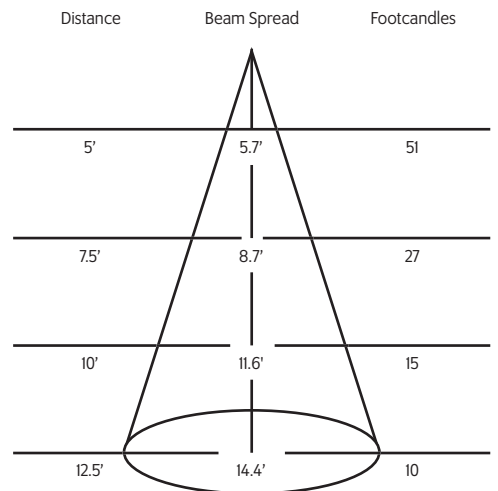
20° Spot Reflector



40° Medium Flood Reflector



60° Flood Reflector



Mounting Options

T1

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

TA1

Track adapter for E-Series specification grade track. 1 circuit. 120V.

TA2

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

HTA2

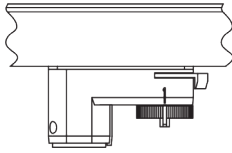
Track adapter for G-Series specification grade 2-circuit track. 277V.

STA

2 circuit track adapter for Data Bus. Specification grade track. 120V.

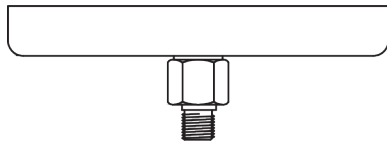
TA3

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



CM4

Canopy Mount



US1

6 $\frac{5}{8}$ " x 1 $\frac{1}{2}$ " Unitrut Adapter



TB8

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



MC

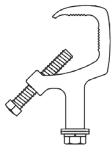
Light duty pipe clamp for small fixtures. For pipes up to 15/16" O.D.

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.



Accessories

LV17	Louwer
BD17	Barndoor
HD17	Hood
X00517 *	Glass/Dichroic Holder
GF22	Glass Color Filter
DF22	Dichroic Color Filter
GF22-600	5°x50° Linear Lens
GF22-601	Beam Softener
GF22-673	50°x50° Spread Lens
CC18	Coiled Cord
SC-24	Safety Cable

** Required accessory when using glass or dichroic filters*

Extension Wands

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

Notes on Dimming:

TE This means the fixture will work on *MOST* quality Trailing Edge dimmers. These dimmer types are also known as Reverse Phase or Electronic Low Voltage (ELV), and are available as wall mount and rack mount modules

LE This means the fixture will work on *MOST* quality Leading Edge dimmers. These dimmer types are also known as Forward Phase, Incandescent, Halogen or Triac, and are available as wall mount and rack mount modules.

O-10 This means the fixture will work on *MOST* quality 0-10V dimmers. These dimmer types are also known as Fluorescent, and are available as wall mount and rack mount modules.

IP This means the fixture has a dimmer *BUILT IN* to the fixture itself, and will dim to about 50%. It has an integral potentiometer located on the bottom of the driver housing. This fixture *WILL NOT* function with *EXTERNAL* wall or rack dimmers.

It is impractical to test every fixture type with every dimmer type, and some combinations work better than others, while some not at all.

It is advisable to pretest a particular fixture with an intended dimmer beforehand to insure that the combination will work as expected.

Some dimmers will allow for full-range dimming, while others will only dim to 50%.

Some dimmers will work well within a certain range, and perhaps flicker or shut off at the lowest settings, rendering that portion of the range unusable.

Most if not all dimmers have a maximum LED load that can be applied, often as little as 10% of its nominally rated value.

Dimming LEDs can actually extend their life expectancy, and will not affect the color temperature or CRI.