



# CYX Series

## Round Pendant LED



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The CYX Series 4" pendant is ideal retail and commercial lighting applications. The CYX features a high-performance Xicato™ LED module from 720 to 2000 lumen packages. Simply specify the electrical drop of the fixture, or surface mount directly to a j-box. Made of extruded aluminum and finished with white or black powder coat paint finish. Custom finishes are available upon request.

Manufactured in the USA - IBEW



# XICATO

### Electrical

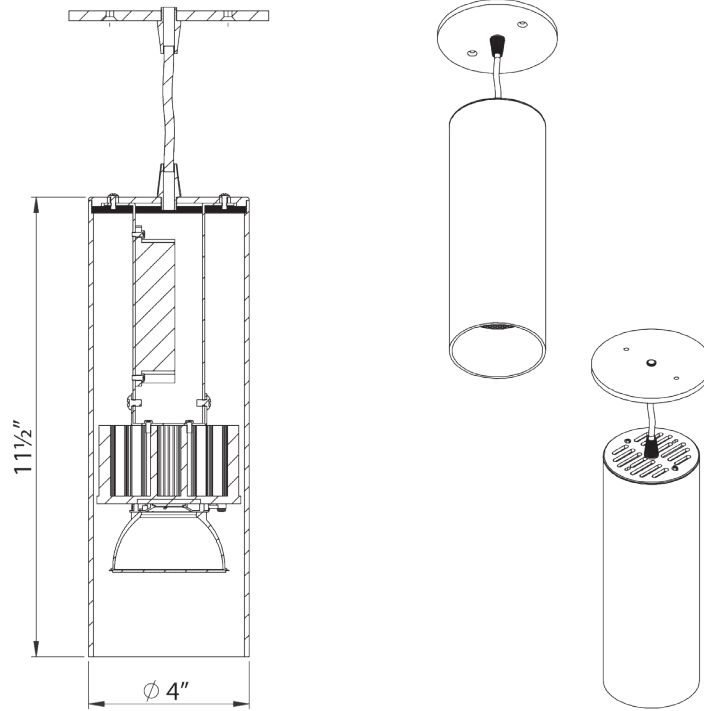
- Integral electronic driver
- 100-277V, 50/60Hz
- Meets FCC 47 CFR Part 15/18 Requirements

### Construction

- Extruded aluminum housing with black, white or silver finish
- 48" Cable as standard
- Weight: 6 lbs.

### Dimming

- Trailing edge (ELV): 120-277V (CYX7 83 CRI: 120V Only)
- Leading edge (Triac): 120V only
- 0-10V: 120-277V with surface mounting. For track applications, use E-series 2-circuit with data bus (120V only)
- IP (Integral dimmer): 120-277V (Not available for CYX7)
- 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.



### LED

- Xicato™ cold remote phosphor LED module
- Color temp options: 2700K, 3000K, 3500K, 4000K
- CRI: 83 standard or 98 optional<sup>o</sup> (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 83	CRI 98
CYX7	6.5W, 684 Lumen, 105 Lm/W	8.5W, 684 Lumen, 80 Lm/W
CYX13	13W, 1235 Lumen, 95 Lm/W	17W, 1235 Lumen, 72 Lm/W
CYX20	19.5W, 1900 Lumen, 97 Lm/W	29W, 1900 Lumen, 65 Lm/W
CYX30	32W, 2850 Lumen, 89 Lm/W	

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

### Ordering Matrix

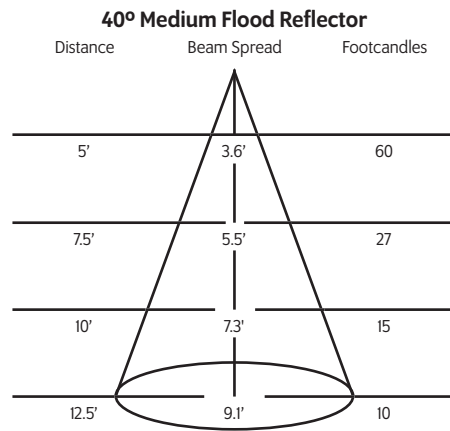
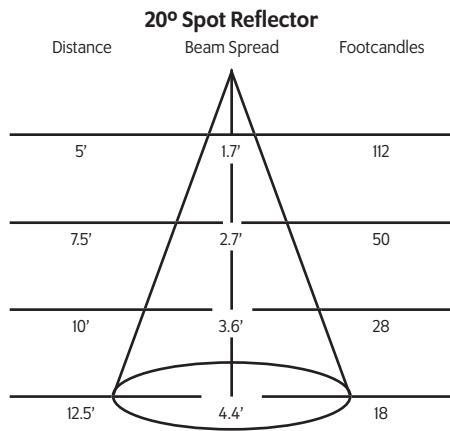
Model	CRI	Color Temp	Finish	Voltage	Optics	Mounting	Dimming*	Cable/Stem Length
CYX7	83	27 = 2700K	B = Black	100	20 = 20°	See Mounting Options	TE = Trailing Edge LE = Leading Edge 010 = 0-10V D/O = Dim to Off IP = Integral Pot ND = Non-Dimming DMX = DMX Basic ECP = Ecosystem premier 0.1% dim	C24 = 24" Cable C48 = 48" Cable C72 = 72" Cable C96 = 96" Cable SP12 = 12" Stem SP18 = 18" Stem SP24 = 24" Stem SPX = Custom Stem
CYX13	98	30 = 3000K	W = White	120	40 = 40°			
CYX20		35 = 3500K	S = Silver	240	60 = 60°			
CYX30		40 = 4000K	CC = Custom Color	277				

\* Specification sheets are subject to change without notice.

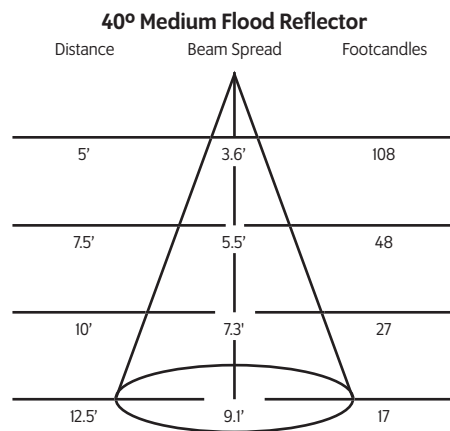
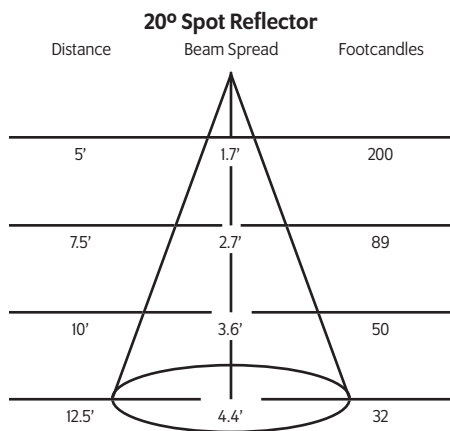
Maximum ambient temperature: 35°C

<sup>o</sup> 98 CRI not available for CYX30  
\* See "Notes on Dimming" on reverse

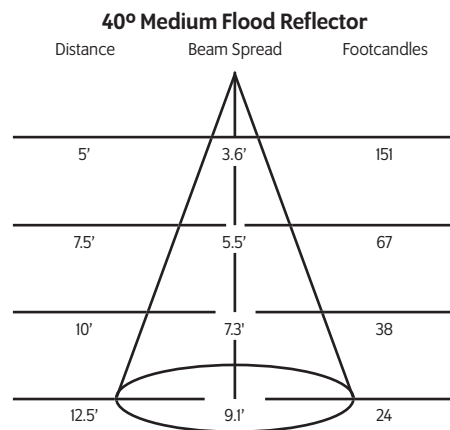
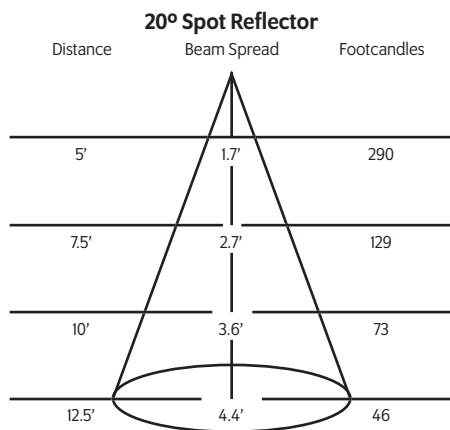
## Photometric Data CYX7 3000°K



## Photometric Data CYX13 3000°K



## Photometric Data CYX20 3000°K



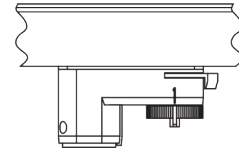
## Mounting Options

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

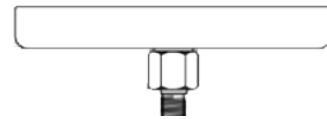
**TA1 / TE2 (2 ckt)** Track adapter for E-Series specification grade track. 1 or 2 circuit. 120V.

**TA2** Track adapter for G-Series specification grade 2-circuit track. 120V or 277V.

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



**CM4** Canopy Mount



## Accessories

<b>X00517 *</b>	Glass/Dichroic Holder
<b>LV18</b>	Louwer
<b>GF22</b>	Glass Color Filter
<b>DF22</b>	Dichroic Color Filter
<b>GF22-600</b>	5°x50° Linear Lens
<b>GF22-601</b>	Beam Softener
<b>GF22-673</b>	50°x50° Spread Lens

\* Required accessory when using glass or dichroic filters

## Optics

- 20°, 40°, and 60° Field-changeable reflectors

CYX7 CBCP: 2750 @ 20°  
1450 @ 40°  
800 @ 60°

CYX13 CBCP: 4950 @ 20°  
2750 @ 40°  
1495 @ 60°

CYX20 CBCP: 7250 @ 20°  
3775 @ 40°  
2125 @ 60°

### 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.
- 0-10** This means the fixture will work on *MOST* quality 0-10V or 1-10V 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.