



Manufactured in the USA - IBEW



# XICATO

## Features

- Available in 1 to 4-light linear configurations
- 50,000 Hour life per LED module
- 20°, 40°, and 60° Field-changeable reflectors
- Choice of color temperatures: 2700, 3000, 3500, & 4000°K
- Available in 83 or 98 CRI
- Lutron: Consult factory for details.
- Blends into the ceiling and can be installed with or without trim
- Each LED is individually mounted for pan and tilt
- Accepts a variety of lenses and accessories
- Adjustable trim with torsion springs for ceilings up to 2" thick
- Adjustable butterfly mounting brackets included (additional mounting hardware provided by others)
- Fully enclosed wiring compartment
- Black, white and silver trims available - custom colors upon request
- Meets FCC 47 CFR Part 15/18 Requirements
- 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.

## DMX Basic Features

- Factory addressable or field addressable using RDM only.
- Logarithmic dimming

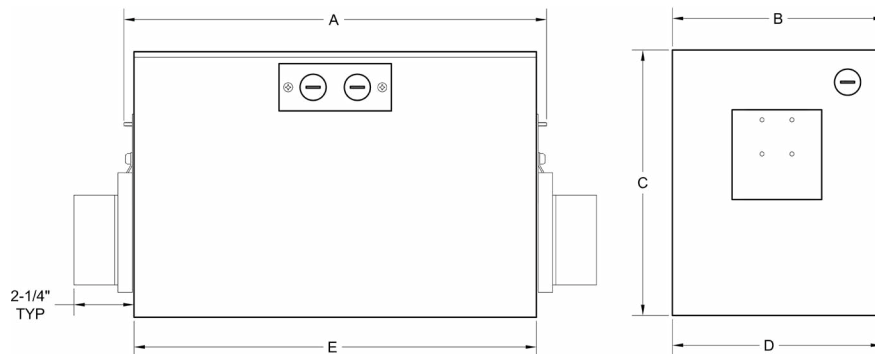
\*Specification sheets are subject to change without notice.

# LED XT20R 21W

2000 Lumen LED Recessed  
Specification Sheet - New Construction



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Stony Point, NY 10980  
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## 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
- SDCM: 1 x 2 MacAdam Ellipse. 50 kelvin tolerance
- No UV or IR

Module	Total Wattage	Delivered Lumen	Efficacy (Lm/W)	CRI
83	21	1900	102	83
98	29	1900	76	98

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

	Length	Width	Height	Ceiling Cut-Out	
Model #	(A)	(B)	(C)	(D)	(E)
XT20R-1	8 1/2"	7 1/2"	9"	7 3/16"	8"
XT20R-2	14 1/2"	7 1/2"	9"	7 3/16"	14"
XT20R-3	20 3/8"	7 1/2"	9"	7 3/16"	20"
XT20R-4	26 1/4"	7 1/2"	9"	7 3/16"	25 3/4"

## Ordering Matrix

Model	# of Lamps	CRI	Color Temp	Inside Finish	Trim Finish	Gimble Finish	Voltage	Reflector	Dimming*
XT13R	1=1-Linear 2=2-Linear 3=3-Linear 4=4-Linear	83 ≥ 98 ≥ 98	27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K	B = Black W = White S = Silver CC = Custom	B = Black W = White S = Silver CC = Custom	B = Black W = White S = Silver CC = Custom	100 = 100V 120 = 120V 240 = 230-240V 277 = 277V	20 = 20° 40 = 40° 60 = 60°	ND = Non-Dimming TE = Trailing Edge LE = Leading Edge** 010 = 0-10V DXB = DMX Basic

\* See Reverse for notes on dimming. Maximum ambient temperature: 35°C

\*\* Not available in 240-277V

**Example:** XT20R-3-83-30-B-W-W-120-40-ND

XT20R-\_\_\_\_\_

### 1-Linear XT20R-1



### 2-Linear XT20R-2



### 3-Linear XT20R-3



### 4-Linear XT20R-4



#### 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.

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.

#### Accessories

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<b>LV18</b>	Louver
<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
<b>X00517</b>	Glass / Dichroic Filter

**NOTE:** These fixtures are not IC or Chicago Plenum Rated.