



LED45P 32W

LED Projector Specification Sheet



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The LED45P is a powerful LED pattern and framing projector that utilizes the Xicato™ 3000 lumen XTM modules. This unit will deliver a powerful, crisp projection for longer throw applications, all while staying within a fixture size that is capable of being both track and canopy mounted. Additionally, each unit is equipped with framing shutters for precise beam shaping.

A wide selection of standard patterns (gobos) are available. Custom patterns are also available by simply sending us a PDF of your desired pattern via email.

Manufactured in the USA - IBEW



XICATO

The LED45P is also available with the Xicato™ Artist module. This framing projector produced museum-quality light and unparalleled color rendering.

Features

- 100-277 Volt available
- 20° - 40° beam spread
- 50,000 hour lamp life
- Framing shutters included
- Stock or custom, steel or glass patterns
- Dimmable (optional)
- Numerous mounting options and accessories

Construction

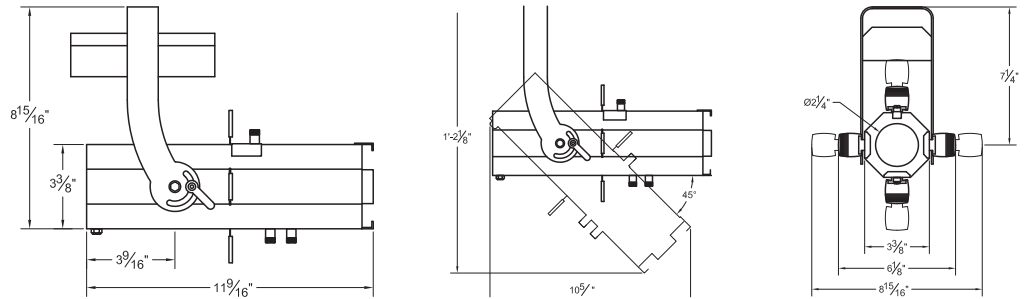
- Aluminium and steel pattern and framing projector with black, white or silver finish
- 0-180° tilt, 360° rotation
- Accessory slot for color glass
- Adjustable lenses for sharp focus
- Internal framing shutters
- Accepts E-size glass or metal gobo
- Accepts up to 2 accessories
- Weight: 5.5 lbs.

Optics

- 20°-40° Zoom optics system

Electrical

- 29.3 or 35.1 watt power consumption
- Integral electronic driver
- 100-277V, 50/60Hz, Constant Current LED Driver
- Meets FCC 47 CFR Part 15/18 Requirements



LED

- Xicato™ cold remote phosphor LED module
- Color temp options: 2700K, 3000K, 3500K, 4000K
- CRI: 83 or 98 (R9=98) / GAI: 97 or 109
- 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	32	2850	89	83
98	37	2850	77	98

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

Dimming

- Trailing edge (ELV): 120-277V
- Leading edge (Triac): 120-277V
- 0-10V: 120-277V with surface mounting. For track applications, use E-series 2-circuit with data bus (120V only)
- Lutron: Consult factory for details

Color Rendering

Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	Re
98	98	99	98	98	98	97	98	98	98	99	98	88	98	98	98	109
83	83	89	95	84	82	86	86	86	24	75	84	72	83	97	77	97

Ordering Matrix

Model	LED Module	Color Temp	Finish	Voltage	Mounting	Dimming*	Accessories
LED45P	83 98	27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K	B = Black W = White S = Silver CC = Custom Color	100 120 240 277	See Mounting Options	TE = Trailing Edge LE = Leading Edge 010 = 0-10V ND = Non-Dimming DMX = DMX Basic	See Accessory Options

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

* See "Notes on Dimming" on reverse

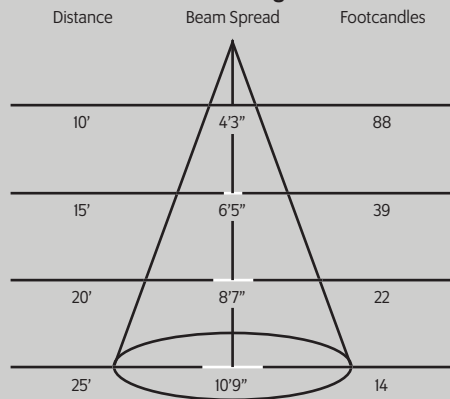
Example: LED45P-98-27-B-120-T1-TE-CF6

LED45P- _____ - _____ - _____ - _____ - _____ - _____

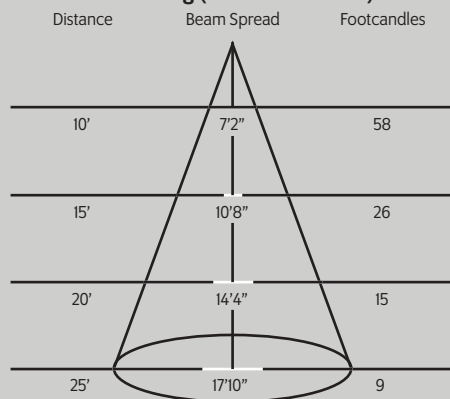
* Specification sheets are subject to change without notice.

Photometric Data

20° Setting



40° Setting (8030 LED Module)



Mounting Options

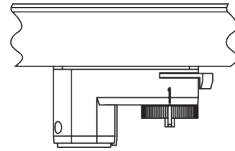
T1 Track Adapter for commercial grade 1 & 2 circuit track. 120V. For use with larger, heavier fixtures.

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

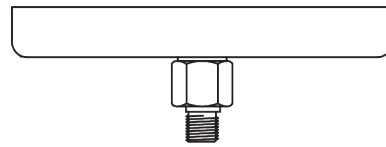
TA2 / HTA2 (277V) Track adapter for G-Series specification grade 2-circuit track. 120V or 277V.

ST2 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 $\frac{1}{2}$ " Unistrut Adapter



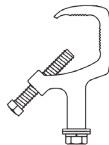
TB8 8" x 8" Portable table base for floor and table use



MC Light duty pipe clamp for small fixtures. For pipes up to 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

CF6	Color Frame
SN6	Snoot/Hood
PH6	Pattern Holder Steel
GH6	Pattern Holder Glass
PD6	Pattern Donut
SPE	Stock Pattern Steel
CPE	Custom Pattern Steel
GPE	Custom Pattern Glass
DF6	Dichroic Color Filter
GF6-702	UV Blocking Filter
CC18	Coiled Cord
6I	Iris
5300	Mini Spin (variable speed pattern rotator)

Extension Wands

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

Patterns

For standard and custom patterns please see the pattern specification sheet. For a complete list, please contact a Times Square Lighting representative.

View Patterns: <http://tsq.li/2bMBz3I>



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.