RAIL-LITE™

FULL SPECIFICATION SHEET



FIXTURE TYPE	FIXTURE CODE	QUANTITIES

1 DESCRIPTION

The multiple spot system blends into architecture and conceals the light sources for a discreet look. **RAIL-LITE** is ideal as a retail solution with ultimate beam control and high color rendering. The spots can be adjusted laterally within the channel to target more accurately and the angling of the beam adjusts in 5° increments up to 45°. A CRI of 90 displays the true color of objects making merchandise more distinguishable. With Twist'N'Lock vacuum-plated reflectors that aid in quick on-site switching, this luminaire is capable of narrow, medium, and wide beam illumination.

2 OPTICS & FEATURES


Recessed


Bridgelux-14°


Bridgelux-22°


Bridgelux-28°


Bridgelux-38°


Bridgelux-47°


Xicato-13°


Xicato-18°


Xicato-28°


Xicato-41°



Declare

3 APPROVALS

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4 GENERAL SPECIFICATION

HOUSING
Steel and aluminum, black finish internal and external.

ROTATING
360° limit.

REFLECTORS
Narrow, medium and wide beam, highly reflective, specular finish, vacuum plated. Twist'N'Lock reflectors for on-site switching.

BEZEL TRIM VERSION
Extruded aluminum. For installation into ceilings with a thickness range of 1/2" to 3/4" (12mm-19mm).

POE
Rail-Lite can integrate into your data network via Power over Ethernet (PoE) connectivity.

LEDS
High power, LEDs can be replaced from below.

LINKS
http://www.bridgelux.com/products/v-series#specifications
http://www.xicato.com/xtm-led-module/overview

REPORTED L70 @25°C(77°F)
> 60,000 hrs.

NOTES
Photometric testing performed using LM79 procedures.
For all other reflectors types please consult photometric files.
Due to constant change in LEDs, please check our website for current product specifications.

Rail-Lite™ | Patent Pending (United States, Canada and European Patent Convention)

ANGLING
0° to 45° in 5° intervals.

LED HEAT SINK
Extruded aluminum.

DRIVERS
Constant Current driver for 120-277V (EU-240V). Drivers can be replaced from below. The driver is integral to the fixture housing.

SLIDING
Individual heads can slide a maximum of 2'/610mm left or right of its centre point.

ELECTRICAL
Integral junction box for branch circuit through wiring.

DELIVERED LUMENS
Delivered lumens & LPW based on 3000K (min 80 CRI).

SENSORS
Consult factory regarding sensor compatibility.

APPROVALS
Damp Rated.

SUSTAINABILITY
Designed for on-site LED board, driver, and optic replacement. Contact the factory for maintenance documentation.

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5 DESIGN OPTIONS

BEZEL FINISH

White


Black Metallic Textured


Silver Metallic Textured

6 HOW TO ORDER

LUMINAIRE

520112 12" - 1 LED Head
520118 18" - 1 or 2 LED Heads
520124 24" - 2 or 3 LED Heads
520136 36" - 2 to 4 LED Heads
520148 48" - 2 to 5 LED Heads
520160 60" - 2 to 5 LED Heads
520172 72" - 2 to 6 LED Heads
520196 96" - 2 to 7 LED Heads

NUMBER OF HEADS

H01 1 LED Head
H02 2 LED Heads
H03 3 LED Heads
H04 4 LED Heads
H05 5 LED Heads
H06 6 LED Heads
H07 7 LED Heads

LEDS

B27A Bridgelux V18, 2700K, 80 CRI, 3069 lms
B27B Bridgelux V18, 2700K, 90 CRI, 2397 lms
B30A Bridgelux V18, 2700K, 80 CRI, 3218 lms
B30B Bridgelux V18, 3000K, 90 CRI, 2498 lms
B35A Bridgelux V18, 3500K, 80 CRI, 3313 lms
B40A Bridgelux V18, 4000K, 80 CRI, 3333 lms
B40B Bridgelux V18, 4000K, 90 CRI, 2840 lms
X27A Xicato Standard, 2700K, 83 CRI, 2262 lms
X30A Xicato Standard, 3000K, 83 CRI, 2262 lms
X35A Xicato Standard, 3500K, 83 CRI, 2262 lms
X40A Xicato Standard, 4000K, 83 CRI, 2262 lms
X30B Xicato Vibrant V80, 3000K, 83 CRI, 2262 lms
X27C Xicato Artist, 2700K, 98 CRI, 2262 lms
X30C Xicato Artist, 3000K, 98 CRI, 2262 lms
X35C Xicato Artist, 3500K, 98 CRI, 2262 lms
X40C Xicato Artist, 4000K, 98 CRI, 2262 lms
X30D Xicato Vibrant V95, 3000K, 98 CRI, 2262 lms

APERTURE

5W Narrow
6W Medium
9W Wide

BEZEL FINISH

WH White
BL Black Metallic Textured
SL Silver Metallic Textured

BRIDGELUX REFLECTORS

529001 Narrow Beam 14° (5" dia)
529002 Medium Beam 22° (5" dia)
529003 Medium Beam 38° (3" dia)
529004 Narrow Beam 28° (3" dia)
529005 Wide Beam 47° (3" dia)

XICATO REFLECTORS

529011 Narrow Beam 13° (5" dia)
529012 Wide Beam 41° (5" dia)
529013 Narrow Beam 18° (3" dia)
529014 Medium Beam 28° (3" dia)

DIMMING

D1 0-10V Dimming (1%)
D2 0-10V Dimming (0.1%)
DA DALI Dimming (0.1%)
DL DALI Dimming (1%)
L1 Lutron L3DA3W Hi-Lume 1% 3 wire
L2 Lutron LDE1 Hi-Lume 1% H EcoSystem
DE PoE

DE must be used with EV only.

OPTIONAL LOW VOLTAGE

EV Low Voltage

To be used with DE only.

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7 TECHNICAL DATA

LUMINAIRE

Code	520112	520118	520124	520136	520148	520160
Fixture Length	12" - 1 LED Head	18" - 1 or 2 LED Heads	24" - 2 or 3 LED Heads	36" - 2 to 4 LED Heads	48" - 2 to 5 LED Heads	60" - 2 to 5 LED Heads

Code	520172	520196
Fixture Length	72" - 2 to 6 LED Heads	96" - 2 to 7 LED Heads

LED TYPE

Code	B27A	B27B	B30A	B30B	B35A	B40A
Type	Bridgelux V18	Bridgelux V18	Bridgelux V18	Bridgelux V18	Bridgelux V18	Bridgelux V18
CCT	2700K	2700K	2700K	3000K	3500K	4000K
CRI	80	90	80	90	80	80
Power	38W	38W	38W	38W	38W	38W
Delivered lms	3069	2397	3218	2498	3313	3333
LPW	80	63	84	65	87	87
CBCP	29964	23408	31423	24391	32349	32541

Code	B40B	X27A	X30A	X35A	X40A	X30B
Type	Bridgelux V18	Xicato Standard	Xicato Standard	Xicato Standard	Xicato Standard	Xicato Vibrant V80
CCT	4000K	2700K	3000K	3500K	4000K	3000K
CRI	90	83	83	83	83	83
Power	38W	36W	36W	36W	36W	36W
Delivered lms	2840	2262	2262	2262	2262	2262
LPW	74	62	62	62	62	62
CBCP	27732	6201	6201	6201	6201	6201

Code	X27C	X30C	X35C	X40C	X30D
Type	Xicato Artist	Xicato Artist	Xicato Artist	Xicato Artist	Xicato Vibrant V95
CCT	2700K	3000K	3500K	4000K	3000K
CRI	98	98	98	98	98
Power	41W	41W	41W	41W	41W
Delivered lms	2262	2262	2262	2262	2262
LPW	55	55	55	55	55
CBCP	6201	6201	6201	6201	6201

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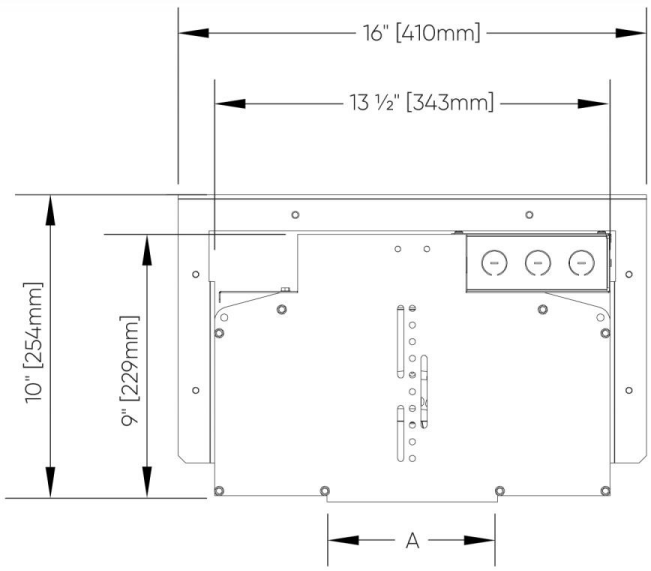
APERTURE

Code	5W	6W	9W
Aperture	Narrow	Medium	Wide
A	5"	6.5"	9"

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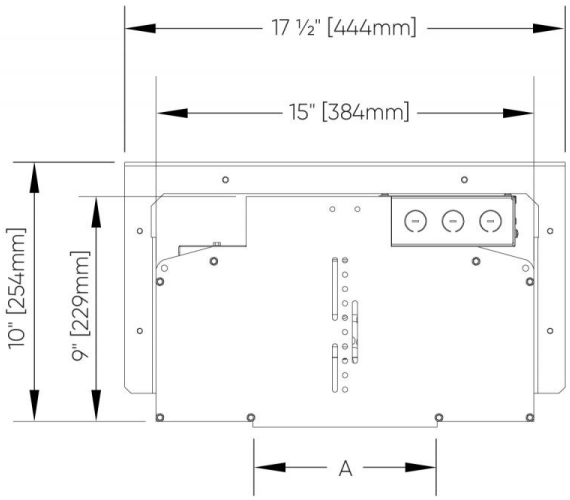
8 DIMENSIONAL DIAGRAMS

Narrow Aperture



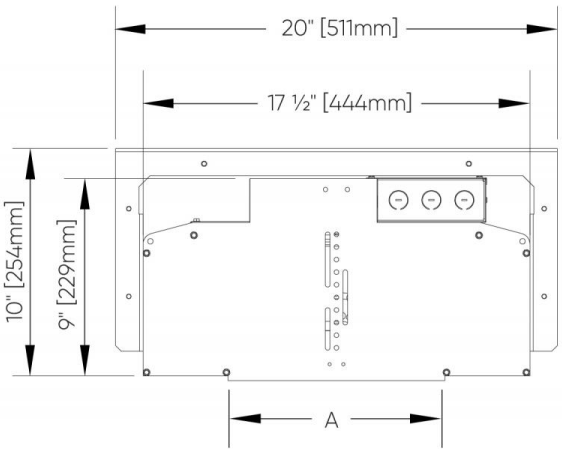
5W

Medium Aperture



6W

Wide Aperture



9W

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