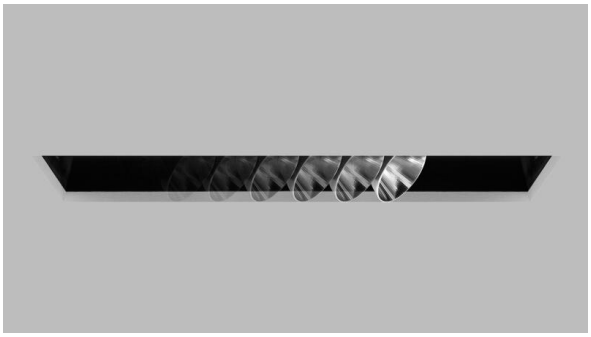
RAIL-LITE™

FULL SPECIFICATION SHEET



FIXTURE TYPE	FIXTURE CODE	QUANTITIES

1 DESCRIPTION

The trimless 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.

ANGLING
0° to 45° in 5° intervals.

TRIMLESS VERSION
For installation into drywall (plasterboard) ceilings with a thickness range of 1/2" to 3/4" (12mm-19mm). Trimless flange supplied in raw aluminum.

ELECTRICAL
Integral junction box for branch circuit through wiring.

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

LEDS
High power, LEDs can be replaced from below.

LINKS
https://www.bridgelux.com/products/v-series#specifications
https://www.xicato.com/products/light-sources/xtm/

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)

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

ROTATING
360° limit.

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

LED HEAT SINK
Extruded aluminum.

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

SENSORS
Consult factory regarding sensor compatibility.

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

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 HOW TO ORDER

LUMINAIRE

522112 12" - 1 LED Head
522118 18" - 1 or 2 LED Heads
522124 24" - 2 or 3 LED Heads
522136 36" - 2 to 4 LED Heads
522148 48" - 2 to 5 LED Heads
522160 60" - 2 to 5 LED Heads
522172 72" - 2 to 6 LED Heads
522196 96" - 2 to 7 LED Heads
522144 144" - 4 to 10 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
H08 8 LED Heads
H09 9 LED Heads
H10 10 LED Heads

LED

B27A Bridgelux V18, 2700K, 80 CRI, 3069 lms
B27B Bridgelux V18, 2700K, 90 CRI, 2397 lms
B30A Bridgelux V18, 3000K, 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

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° (125mm/5" dia)
529012 Wide Beam 41° (125mm/5" dia)
529013 Narrow Beam 18° (75mm/3" dia)
529014 Medium Beam 28° (75mm/3" dia)

DIMMING OPTIONS

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.

6 TECHNICAL DATA

LUMINAIRE

Code	**522112**	**522118**	**522124**	**522136**	**522148**	**522160**
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	**522172**	**522196**	**522144**
Fixture Length	72" - 2 to 6 LED Heads	96" - 2 to 7 LED Heads	144" - 4 to 10 LED Heads

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LED

Code	B27A	B27B	B30A	B30B	B35A	B40A
Manufacturer/Type	Bridgelux V18	Bridgelux V18	Bridgelux V18	Bridgelux V18	Bridgelux V18	Bridgelux V18
CCT	2700K	2700K	3000K	3000K	3500K	4000K
CRI	80	90	80	90	80	80
Power (LED)	38W	38W	38W	38W	38W	38W
Delivered lms	3069	2397	3218	2498	3313	3333
LPW	80	63	84	65	87	87

Code	B40B	X27A	X30A	X35A	X40A	X30B
Manufacturer/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 (LED)	38W	36W	36W	36W	36W	36W
Delivered lms	2840	2262	2262	2262	2262	2262
LPW	74	62	62	62	62	62

Code	X27C	X30C	X35C	X40C	X30D
Manufacturer/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 (LED)	41W	41W	41W	41W	41W
Delivered lms	2262	2262	2262	2262	2262
LPW	55	55	55	55	55

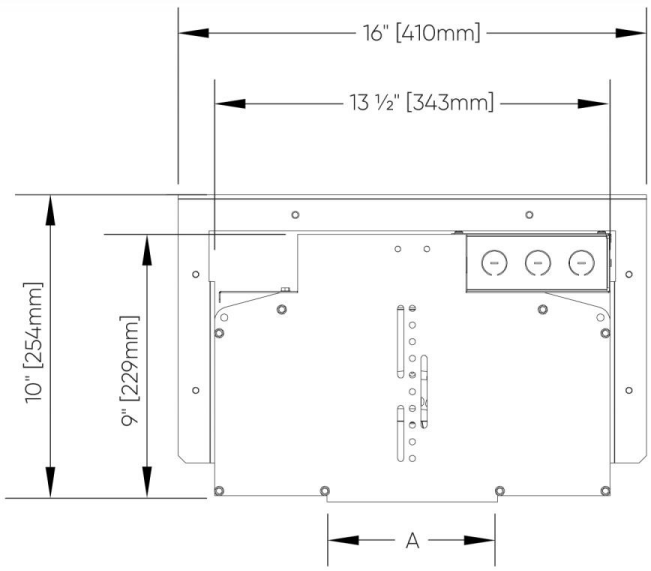
APERTURE

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

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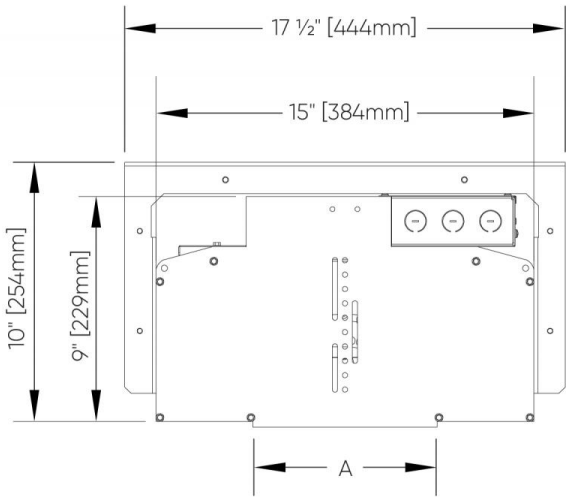
7 DIMENSIONAL DIAGRAMS

Narrow Aperture



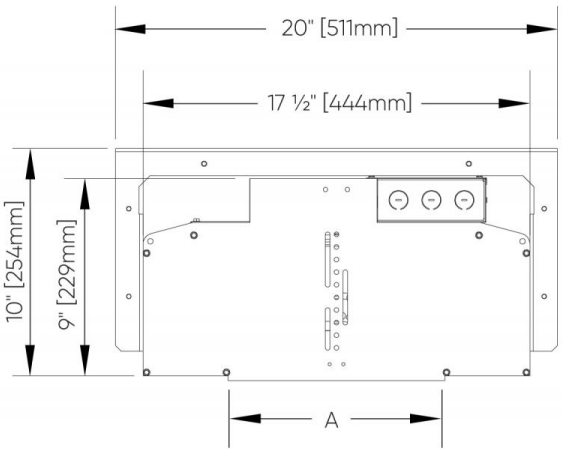
5W

Medium Aperture



6W

Wide Aperture



9W

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