



# RAIL-LITE™

## FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE

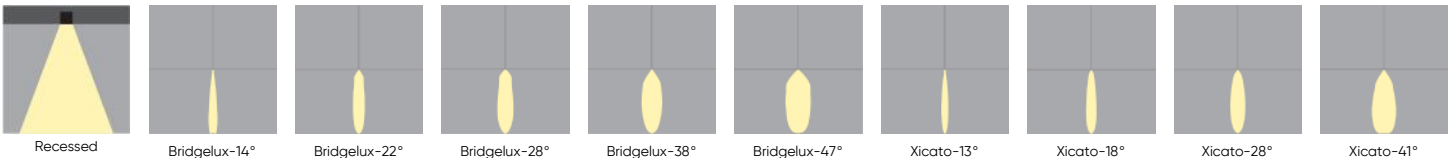


QUANTITIES

### 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



Declare

### 3 APPROVALS



**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**

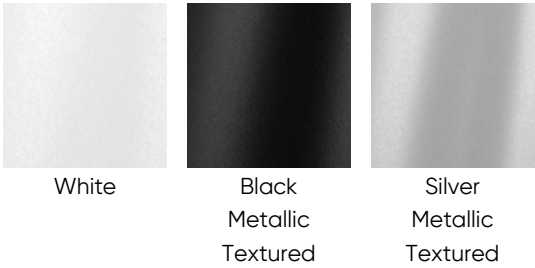
Damp Rated.

**SUSTAINABILITY**

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

**5 DESIGN OPTIONS**

**BEZEL FINISH**



**6 HOW TO ORDER**

**1. 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

**2. 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

**3. 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

**4. APERTURE**

- 5W** Narrow      **6W** Medium      **9W** Wide

**5. BEZEL FINISH**

- WH** White      **BL** Black Metallic Textured      **SL** Silver Metallic Textured

## 6. 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)

## 7. 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)

## 8. 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.

## 9. OPTIONAL LOW VOLTAGE

EV Low Voltage

To be used with DE only.

# 7 TECHNICAL DATA

## LUMINAIRE

<b>Code</b>	<b>520112</b>	<b>520118</b>	<b>520124</b>	<b>520136</b>	<b>520148</b>	<b>520160</b>
<b>Fixture Length</b>	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
<b>Code</b>	<b>520172</b>	<b>520196</b>				
<b>Fixture Length</b>	72" - 2 to 6 LED Heads	96" - 2 to 7 LED Heads				

**LED TYPE**

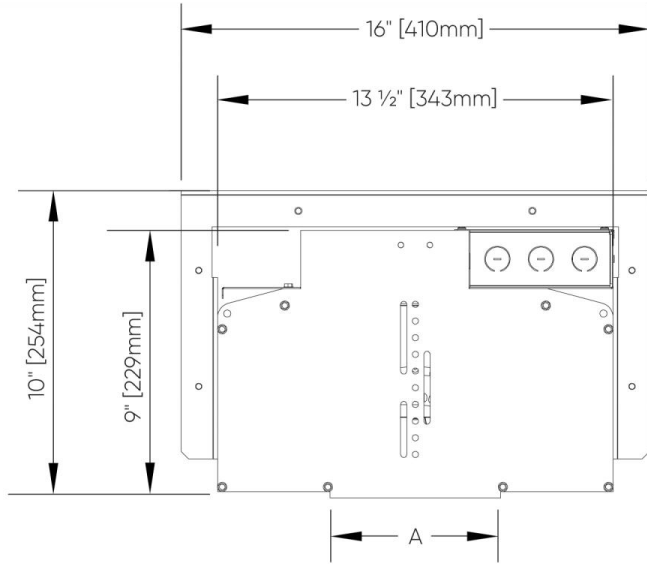
<b>Code</b>	<b>B27A</b>	<b>B27B</b>	<b>B30A</b>	<b>B30B</b>	<b>B35A</b>	<b>B40A</b>
<b>Type</b>	Bridgelux V18	Bridgelux V18	Bridgelux V18	Bridgelux V18	Bridgelux V18	Bridgelux V18
<b>CCT</b>	2700K	2700K	2700K	3000K	3500K	4000K
<b>CRI</b>	80	90	80	90	80	80
<b>Power</b>	38W	38W	38W	38W	38W	38W
<b>Delivered lms</b>	3069	2397	3218	2498	3313	3333
<b>LPW</b>	80	63	84	65	87	87
<b>CBCP</b>	29964	23408	31423	24391	32349	32541
<b>Code</b>	<b>B40B</b>	<b>X27A</b>	<b>X30A</b>	<b>X35A</b>	<b>X40A</b>	<b>X30B</b>
<b>Type</b>	Bridgelux V18	Xicato Standard	Xicato Standard	Xicato Standard	Xicato Standard	Xicato Vibrant V80
<b>CCT</b>	4000K	2700K	3000K	3500K	4000K	3000K
<b>CRI</b>	90	83	83	83	83	83
<b>Power</b>	38W	36W	36W	36W	36W	36W
<b>Delivered lms</b>	2840	2262	2262	2262	2262	2262
<b>LPW</b>	74	62	62	62	62	62
<b>CBCP</b>	27732	6201	6201	6201	6201	6201
<b>Code</b>	<b>X27C</b>	<b>X30C</b>	<b>X35C</b>	<b>X40C</b>	<b>X30D</b>	
<b>Type</b>	Xicato Artist	Xicato Artist	Xicato Artist	Xicato Artist	Xicato Vibrant V95	
<b>CCT</b>	2700K	3000K	3500K	4000K	3000K	
<b>CRI</b>	98	98	98	98	98	
<b>Power</b>	41W	41W	41W	41W	41W	
<b>Delivered lms</b>	2262	2262	2262	2262	2262	
<b>LPW</b>	55	55	55	55	55	
<b>CBCP</b>	6201	6201	6201	6201	6201	

**APERTURE**

<b>Code</b>	<b>5W</b>	<b>6W</b>	<b>9W</b>
<b>Aperture</b>	Narrow	Medium	Wide
<b>A</b>	5"	6.5"	9"

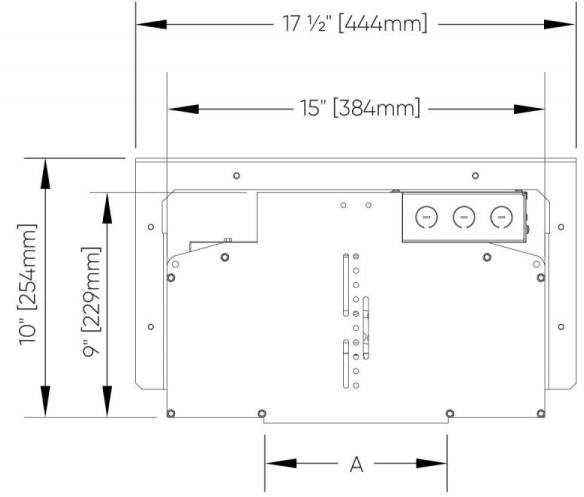
**8** DIMENSIONAL DIAGRAMS

Narrow Aperture



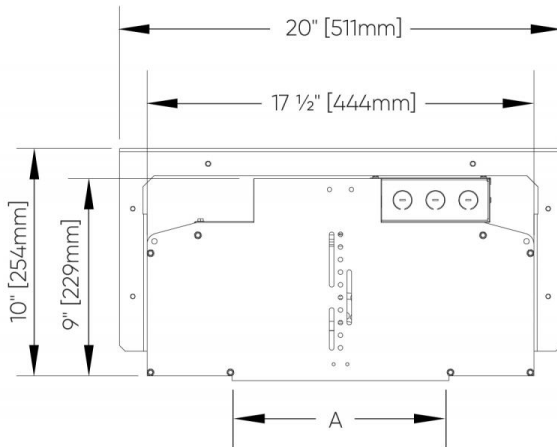
5W

Medium Aperture



6W

Wide Aperture



9W