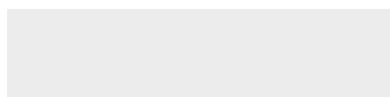


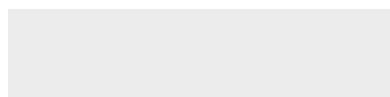


# RAIL-LITE™

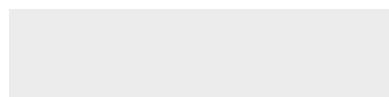
## FULL SPECIFICATION SHEET



Fixture Type



Fixture Code

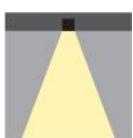


Quantities

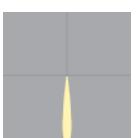
### 1 DESCRIPTION

The trimless channel system blends into architecture and conceals the light sources for a seamless look. **RAIL-LITE** sections connect solely mechanically and can run distances as required for the space with L, T, and X connections to feed light where it is needed. **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°



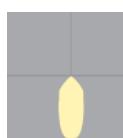
Bridgelux-22°



Bridgelux-28°



Bridgelux-38°



Bridgelux-47°



Xicato-13°



Xicato-18°



Xicato-28°



Xicato-41°



Declare

### 3 APPROVALS



**4 GENERAL SPECIFICATION****HOUSING**

Steel and aluminum, black finish internal and external.

**ROTATING**

360° limit.

**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.

**DRIVERS**

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

**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**

<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.

**NOTE**

Continuous runs connect mechanically but do not connect electrically. Each module requires a power supply. Power can be daisy chained from one module to another. LED heads slide as far as the inside corner of Corner, T Junction and X Junction accessories.

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

**ANGLING**

0° to 45° in 5° intervals.

**ELECTRICAL**

Integral junction box for branch circuit through wiring.

**REFLECTORS**

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

**SLIDING**

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

**SENSORS**

Consult factory regarding sensor compatibility.

**LED HEAT SINK**

Extruded aluminum.

**DELIVERED LUMENS**

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

**APPROVALS**

Damp Rated.

## 5 HOW TO ORDER

## 1. LUMINAIRE

**527148** 48" - 3 to 5 LED Heads    **527196** 96" - 3 to 7 LED Heads    **527144** 144" - 4 to 10 LED Heads

We highly recommend you supply a drawing to allow us to verify you have quoted correctly. A drawing will be required at the time of order placement. This fixture is continuous run only if you require individual fixtures please order the non-continuous run version.

## 2. NUMBER OF HEADS

<b>H03</b> 3 LED Heads	<b>H04</b> 4 LED Heads	<b>H05</b> 5 LED Heads	<b>H06</b> 6 LED Heads
<b>H07</b> 7 LED Heads	<b>H08</b> 8 LED Heads	<b>H09</b> 9 LED Heads	<b>H10</b> 10 LED Heads

## 3. LED TYPE

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

## 4. PROFILE APERTURE

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

## 5. BRIDGELUX REFLECTORS

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

## 6. 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)

## 7. END CAPS (MINIMUM OF 2/CONFIGURATION REQUIRED)

<b>529151</b> Narrow Aperture (5W) End Caps	<b>529161</b> Medium Aperture (6W) End Caps	<b>529191</b> Wide Aperture (9W) End Caps
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## 8. DIMMING OPTIONS

<b>D1</b> 0-10V Dimming (1%)	<b>D2</b> 0-10V Dimming (0.1%)	<b>DA</b> DALI dimming (0.1%)	<b>DL</b> DALI dimming (1%)
L1 Lutron L3DA3W Hi-Lume 1%, 3 Wire	L2 Lutron LDE1 Hi-Lume 1% H Eco System	DE PoE	

DE must be used with EV only.

## 9. CORNER - WIDTH & LENGTH (419MM/16.5")

<b>529152</b> Narrow Aperture (5W) Corner	<b>529162</b> Medium Aperture (6W) Corner	<b>529192</b> Wide Aperture (9W) Corner
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## 10. T JUNCTION - WIDTH (439MM/17.3"), LENGTH (419MM/16.5")

<b>529153</b> Narrow Aperture (5W) T Junction	<b>529163</b> Medium Aperture (6W) T Junction	<b>529193</b> Wide Aperture (9W) T Junction
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## 11. X JUNCTION - WIDTH & LENGTH (439MM/17.3")

<b>529154</b> Narrow Aperture (5W) X Junction	<b>529164</b> Medium Aperture (6W) X Junction	<b>529194</b> Wide Aperture (9W) X Junction
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## 12. OPTIONAL LOW VOLTAGE

EV Low Voltage

To be used with DE only.

## 6 TECHNICAL DATA

### LUMINAIRE

We highly recommend you supply a drawing to allow us to verify you have quoted correctly. A drawing will be required at the time of order placement. This fixture is continuous run only if you require individual fixtures please order the non-continuous run version.

Code	<b>527148</b>	<b>527196</b>	<b>527144</b>
Fixture Length	48" - 3 to 5 LED Heads	96" - 3 to 7 LED Heads	144" - 4 to 10 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>Manufacturer/Type</b>	Bridgelux V18	Bridgelux V18	Bridgelux V18	Bridgelux V18	Bridgelux V18	Bridgelux V18
<b>CCT</b>	2700K	2700K	3000K	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>Manufacturer/Type</b>	Bridgelux V18	Xicato Standard	Xicato Standard	Xicato Standard	Xicato Standard	Xicato Vib 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>Manufacturer/Type</b>	Xicato Artist	Xicato Artist	Xicato Artist	Xicato Artist	Xicato Vib 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	

**PROFILE 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"

**7 DIMENSIONAL DIAGRAMS**

