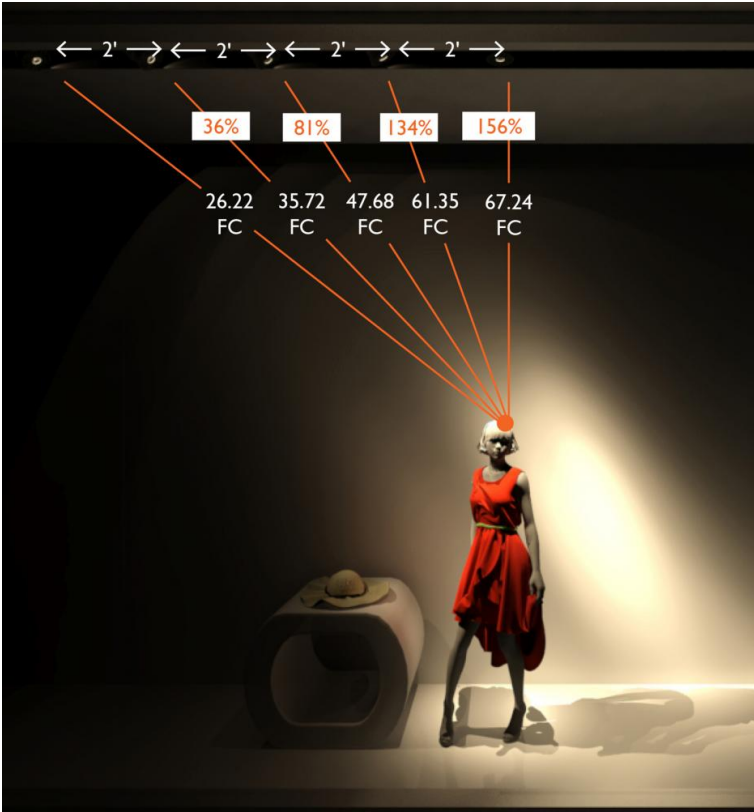


RAIL-LITE™ - TRIMLESS (NON-CONTINUOUS)

| | |
|---------------|---------------|
| Project Name: | Fixture Type: |
| Fixture Code: | Quantities: |



RAIL-LITE™ - TRIMLESS (NON-CONTINUOUS)



RAIL-LITE™ - TRIMLESS (NON-CONTINUOUS)

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.

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.



RAIL-LITE™ - TRIMLESS (NON-CONTINUOUS)

OPTICS & FEATURES



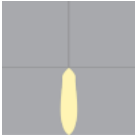
Recessed



Bridgelux-14°



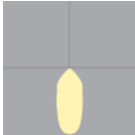
Bridgelux-22°



Bridgelux-28°



Bridgelux-38°



Bridgelux-47°



Xicato-13°



Xicato-18°



Xicato-28°



Xicato-41°



Declare

RAIL-LITE™ - TRIMLESS (NON-CONTINUOUS)

HOW TO ORDER

A. 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 | | | |

B. 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 | | |

C. 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 | | | |

D. APERTURE

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

E. 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) | | | |

F. 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) |
|--|--|---|---|

G. 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.

H. OPTIONAL LOW VOLTAGE

EV Low Voltage

To be used with DE only.

RAIL-LITE™ - TRIMLESS (NON-CONTINUOUS)

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 | | | |

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" |

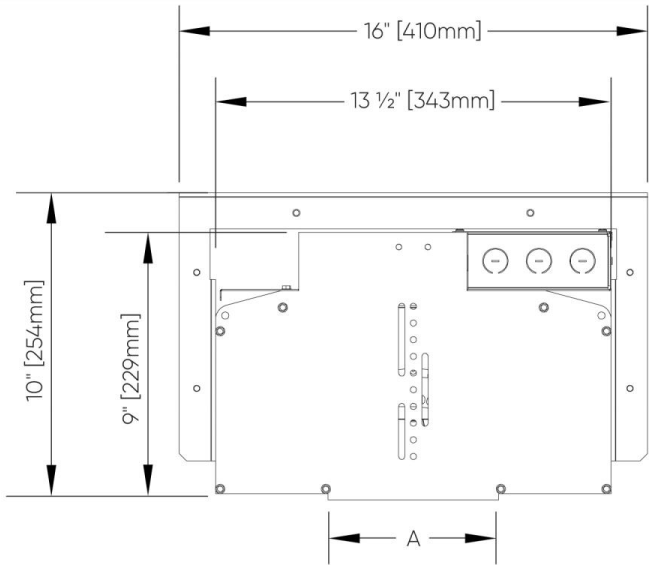
APPROVALS



RAIL-LITE™ - TRIMLESS (NON-CONTINUOUS)

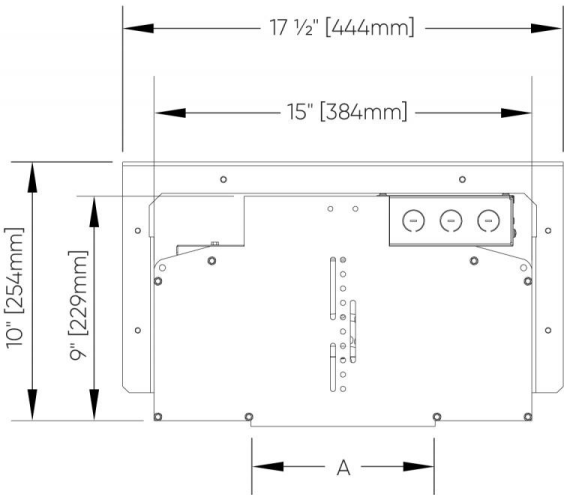
DIMENSIONAL DIAGRAMS

Narrow Aperture



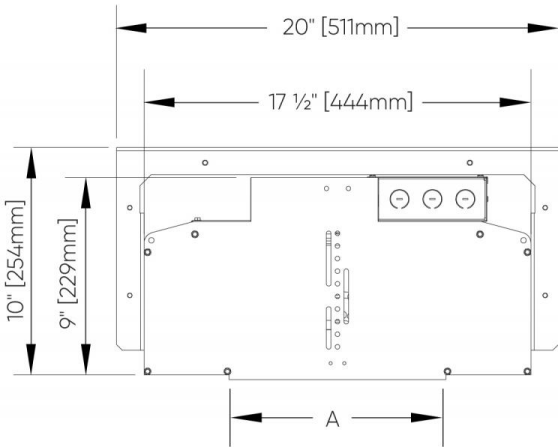
5W

Medium Aperture



6W

Wide Aperture



9W