

RAIL-LITE II™ - RECESSED

Project Name:

Fixture Type:

Fixture Code:

Quantities:



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The trimless channel system blends into architecture and conceals the light sources for a seamless look. **RAIL-LITE II** 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 merchandise more accurately; glare and light spill can be controlled with Hex Louver, Snoot, and Cross Baffle accessories. A CRI of 90 displays the true color of merchandise and makes them more distinguishable.

GENERAL SPECIFICATION

Housing

Steel and aluminum.

Reflectors

Highly reflective, specular finish.

Bezel trim/trimless

Extruded aluminum. For installation into ceilings with a thickness range of 12mm/0.5" to 51mm/2".

Drivers

Constant Current driver for 120-277V (EU-240V). The driver is integral to the fixture housing.

Electrical

Integral junction box for branch circuit through wiring.

LEDs

High power, LEDs can be replaced from below.

Approvals

Damp Rated.

Aperture

133.35mm/5.25"

LED heat sink

Extruded aluminum.

Sliding

Individual heads can slide a maximum of 305mm/12" left or right of its centre point.

PoE

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

Sensors

Consult factory regarding sensor compatibility.

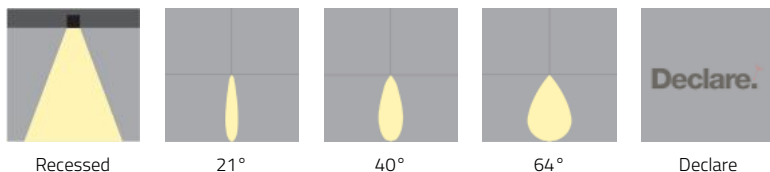
Reported L70 @25°C (77°F)

> 60,000 hrs.

Links

<http://www.bridgelux.com/products/v-series#specifications>

MOUNTING & OPTICS



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HOW TO ORDER

A. LUMINAIRE

AK0 12", 1 head	AK1 18", 1 head	AK2 24", 1 head	AK3 24", 2 head
AK4 36", 2 head	AK5 36", 3 head	AK6 48", 2 head	AK7 48", 3 head
AK8 48", 4 head	AK9 60", 2 head	AK10 60", 3 head	AK11 60", 4 head
AK12 60", 5 head	AK13 72", 2 head	AK14 72", 3 head	AK15 72", 4 head
AK16 72", 5 head	AK17 72", 6 head	AK18 84", 2 head	AK19 84", 3 head
AK20 84", 4 head	AK21 84", 5 head	AK22 84", 6 head	AK23 84", 7 head

All heads are spaced equally, for custom spacing consult factory. Individual heads can slide a maximum of 305mm/12" left or right of its centre point.

B. LEDS

BA1 Bridgelux, 2700K, 80 CRI, 2914 lms	BA2 Bridgelux, 3000K, 80 CRI, 3028 lms	BA3 Bridgelux, 3500K, 80 CRI, 3125 lms	BA4 Bridgelux, 4000K, 80 CRI, 3133 lms
BA5 Bridgelux, 2700K, 90 CRI, 2431 lms	BA6 Bridgelux, 3000K, 90 CRI, 2527 lms	BA7 Bridgelux, 3500K, 90 CRI, 2605 lms	BA8 Bridgelux, 4000K, 90 CRI, 2692 lms

C. REFLECTOR

R1 Narrow 21°	R2 Medium 40°	R3 Wide 64°
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D. HOUSING

F1 White	F2 Black Metallic Textured	F20 Silver Metallic Textured
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E. GIMBAL FINISH

N1 White	N24 Black Anodized	N26 Silver Anodized
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F. TRIM

B0 Trimless - no trim required	B1 Bezel trim - White	B2 Bezel trim - Black	B20 Bezel trim - Metallic Silver
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G. DIMMING

D1 Dimming 0-10V (1.0%)	D2 Dimming 0-10V (0.1%)	D4 DALI Dimming (0.1%)	D5 DALI Dimming (1.0%)
D8 Lutron L3DA3W Hi-Lume 1% 3 Wire	D9 Lutron LDE1 Hi-Lume 1% H EcoSystem	DA45 PoE	

DA45 must be used with EV only.

H. OPTIONS

V1 Snoot - Black	V2 Hex Cell Louver - Black	V3 Cross Baffle - Black
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I. OPTIONAL LOW VOLTAGE

EV Low Voltage

To be used with DA45 only.

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TECHNICAL DATA

LUMINAIRE

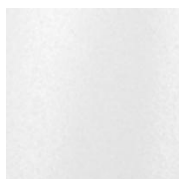
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Code	AK0	AK1	AK2	AK3	AK4	AK5
Length (L)	12"	18"	24"	24"	36"	36"
# of Heads	1	1	1	2	2	3
Code	AK6	AK7	AK8	AK9	AK10	AK11
Length (L)	48"	48"	48"	60"	60"	60"
# of Heads	2	3	4	2	3	4
Code	AK12	AK13	AK14	AK15	AK16	AK17
Length (L)	60"	72"	72"	72"	72"	72"
# of Heads	5	2	3	4	5	6
Code	AK18	AK19	AK20	AK21	AK22	AK23
Length (L)	84"	84"	84"	84"	84"	84"
# of Heads	2	3	4	5	6	7

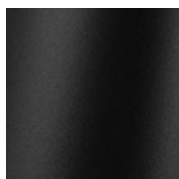
LEDS

Code	BA1	BA2	BA3	BA4	BA5	BA6
Manufacturer	Bridgelux	Bridgelux	Bridgelux	Bridgelux	Bridgelux	Bridgelux
CCT	2700K	3000K	3500K	4000K	2700K	3000K
CRI	80	80	80	80	90	90
Wattage	28W	28W	28W	28W	28W	28W
Delivered lms	2914	3028	3125	3133	2431	2527
LPW	104	108	112	112	87	90
Code	BA7	BA8				
Manufacturer	Bridgelux	Bridgelux				
CCT	3500K	4000K				
CRI	90	90				
Wattage	28W	28W				
Delivered lms	2605	2692				
LPW	93	96				

HOUSING



White



Black Metallic Textured



Silver Metallic Textured



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GIMBAL FINISH



White



Black Anodized



Silver Anodized

APPROVALS



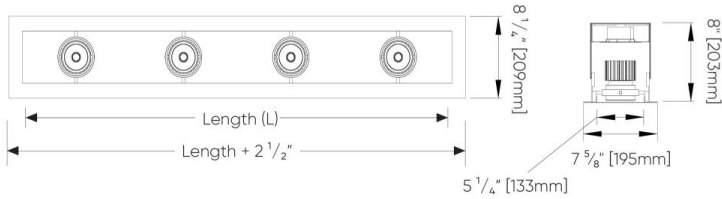
DAMP
LOCATION

IP20

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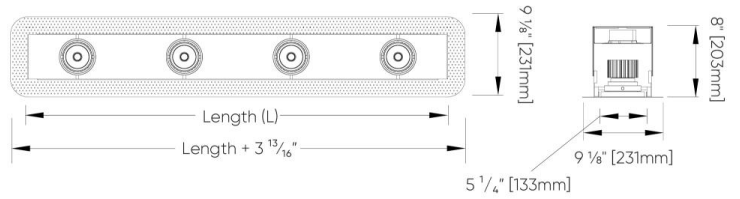
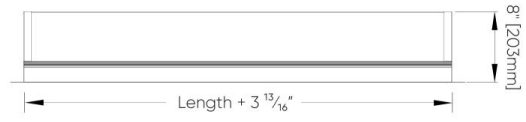
DIMENSIONAL DIAGRAMS

Bezel Trim (TY)

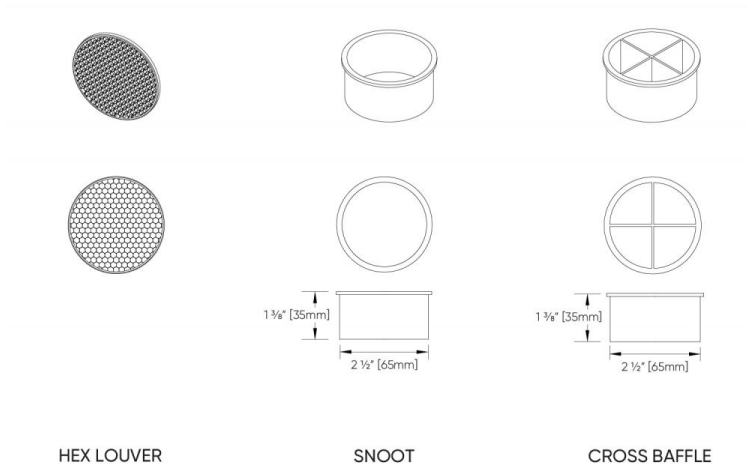


Bezel Trim (TY)

Trimless (TN)

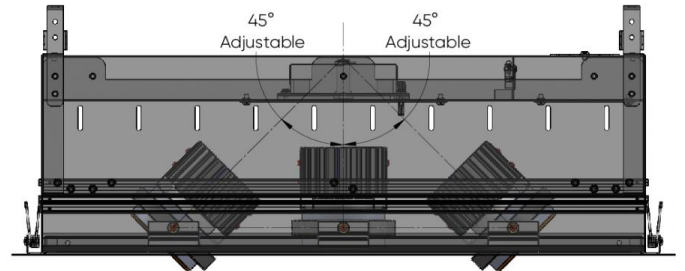


Trimless - no trim (TN)



Adjustability of Heads

Tilt on Large Axis



Tilt on Short Axis



ISO VIEW