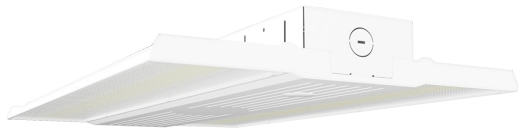


RBAY17 Ultra-Economy, Field-Adjustable, Linear High Bay **RAB**

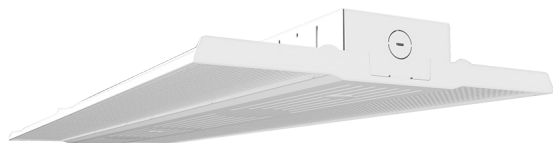
RBAY17S



RBAY17M



RBAY17L



Ultra-economy, field-adjustable, linear high bay



0-10V



100,000 HOURS



FIELD ADJUSTABLE



EASY INSTALL



DAMP RATED



BAT. BACKUP

TECHNICAL SPECIFICATIONS

COMPLIANCE

UL Listed

Suitable for damp locations

DLC Listed

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

Fixture	DLC ID (120-277V)	DLC ID (480V)
RBAY17S	S-ZU7Y5J	S-GXE4FJ
RBAY17M	S-Z11KA0	S-8ND5IX
RBAY17L	S-7C523X	S-0JQXZI

CONSTRUCTION

Cold Weather Starting

The minimum starting temperature is -20°C (-4°F)

Cold Weather Starting for Battery Backup

The minimum starting temperature is 0°C (32°F)

Maximum Ambient Temperature

Suitable for use in up to 50°C (122°F)

Maximum Ambient Temperature for Battery Backup

Suitable for use in up to 60°C (140°F)

Emergency Light Loss Factor

RBAY17S: 0.07

RBAY17M: 0.062

RBAY17L: 0.13

PROJECT: _____

DATE: _____

TYPE: _____

PREPARED BY: _____



KEY FEATURES

- Ultra-economy, low profile, lightweight high bay
- Available in three different sizes with field-adjustable wattage and CCT to give you 9 SKUs in 1
RBAY17S : 14" (130/100/80W) - Default wattage: 130W
RBAY17M: 20" (260/220/160W) - Default wattage: 260W
RBAY17L: 39" (400/320/260W) - Default wattage: 400W
- CCT: 5000/4000/3500K - Default CCT: 4000K
- Voltage rating: 120-277V. 480V available.
- Includes a sensor port to easily install standard or lightcloud blue enabled PIR/MVS sensors. Multi-sensor remote sold separately
- 8 ft Cord & plug options available
- Wire guards, surface and pendant mount kits available
- Battery backup available
- 5-year, limited warranty

CONSTRUCTION (CONTINUED)

Lens

Polycarbonate lens

Housing

Die-cast aluminum

Reflector

Polycarbonate

IP Rating

IP20 rated

Mounting

Comes standard with V-hooks for chain mounting. Accessories available for pendant and surface mounting (purchased separately).

Cord & Plug

Optional 8ft cord or 8ft cord with NEMA L5-15P plug for 120V, NEMA L7-15P plug for 277V and NEMA L8-20P plug for 480V available

Green Technology

Mercury and UV free. RoHS-compliant components.

Finish

Formulated for high durability and long lasting color

LED CHARACTERISTICS

LEDs

Long-life, high-efficacy, discrete, surface-mount LEDs

Color Uniformity

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

RBAY17 Ultra-Economy, Field-Adjustable, Linear High Bay **RAB**

TECHNICAL SPECIFICATIONS (CONTINUED)

ELECTRICAL

Drivers:

Constant Current, Class 1, 120-277V, 50/60 Hz

RBAY17S

80W: 120V: 0.66A, 208V: 0.38A, 240V: 0.33A, 277V: 0.29A

100W: 120V: 0.82A, 208V: 0.48A, 240V: 0.42A, 277V: 0.36A

130W: 120V: 1.06A, 208V: 0.63A, 240V: 0.54A, 277V: 0.47A

RBAY17M

160W: 120V: 1.31A, 208V: 0.77A, 240V: 0.67A, 277V: 0.58A

220W: 120V: 1.82A, 208V: 1.06A, 240V: 0.92A, 277V: 0.79A

260W: 120V: 2.16A, 208V: 1.25A, 240V: 1.08A, 277V: 0.94A

RBAY17L

260W: 120V: 2.20A, 208V: 1.25A, 240V: 1.08A, 277V: 0.94A

320W: 120V: 2.66A, 208V: 1.54A, 240V: 1.33A, 277V: 1.16A

400W: 120V: 3.42A, 208V: 1.92A, 240V: 1.67A, 277V: 1.45A

Constant Current, Class 1, 480V, 50/60 Hz

RBAY17S

80W: 480V: 0.17A

100W: 480V: 0.21A

130W: 480V: 0.27A

RBAY17M

160W: 480V: 0.33A

220W: 480V: 0.46A

260W: 480V: 0.54A

RBAY17L

260W: 480V: 0.54A

320W: 480V: 0.67A

400W: 480V: 0.831A

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems.

Requires separate 0-10V DC dimming circuit. Dims down to 10%.

Surge Protection:

120-277V: L-N: 6kV; L/N-GND: 6kV

480V: L-N 10kV; L/N-GND: 6kV

THD:

RBAY17S: 130W: 5.0% at 120V, 8.0% at 277V

RBAY17M: 260W: 4.23% at 120V, 7.0% at 277V

RBAY17L: 400W: 4.8% at 120V, 6.1% at 277V

RBAY17S: 130W: 7.3% at 480V

RBAY17M: 260W: 6.03% at 480V

RBAY17L: 400W: 7.1% at 480V

Power Factor:

RBAY17S: 130W: 99.6% at 120V, 91.8% at 277V

RBAY17M: 260W: 99.9% at 120V, 98.1% at 277V

RBAY17L: 400W: 99.9% at 120V, 98.0% at 277V

RBAY17S: 130W: 96.2% at 480V

RBAY17M: 260W: 92.1% at 480V

RBAY17L: 400W: 96.1% at 480V

ELECTRICAL

Emergency Light Loss Factor:

Product	Wattage	CCT	LLF
RBAY17S	130	5000K	6.1%
		3500K	6.3%
	100	5000K	7.5%
		3500K	7.8%
	80	5000K	9.4%
		3500K	9.8%
RBAY17M	260	5000K	7.3%
		3500K	7.0%
	220	5000K	8.1%
		3500K	7.8%
	160	5000K	10.4%
		3500K	10.2%
RBAY17L	400	5000K	6.9%
		3500K	7.0%
	320	5000K	8.2%
		3500K	8.4%
	260	5000K	9.7%
		3500K	10.0%

LIGHTCLOUD BLUE (ACCESSORY)

Lightcloud Blue-enabled:

Lightcloud Blue (LCB) is a Bluetooth Mesh wireless lighting control system that allows you to control RAB's various compatible devices. With RAB's patented Rapid Provisioning technology, devices can be quickly and easily commissioned for residential and large commercial applications using the Lightcloud Blue mobile app. Each device in a system can communicate with any other device, eliminating the need for a Gateway or Hub and maximizing the control system's reach.

DLC system - N1XMLOEATBA (Interior); NHCZ2BIA17L (Exterior)

Learn more at www.lightcloud.com

OCCUPANCY SENSORS (ACCESSORIES)

Sensor Type: Passive Infrared (PIR) or Microwave (MVS)

Input Voltage: 12VDC

Operating Frequency: 50/60Hz

Input Current: 30mA

Operating Temperature: -40°F to 140°F (-20°C to 60°C)

Max Mounting Height: 40 ft. (PIR); 50 ft (MVS)

Detection Range: PIR: 40 ft. diameter mounted at 40 ft. (/PIR & /LCBS); MVS: 50 ft. diameter mounted at 50 ft. (/MVS & /LCBS/MVS); PIR20[B]/LCB and MVS20[B]/LCB] 20 ft. diameter mounted at 9 ft. (sold separately)

Daylight Sensing: The sensor will determine to trigger the light(s) on or not based on the daylight threshold level set.

RBAY17 Ultra-Economy, Field-Adjustable, Linear High Bay **RAB**

TECHNICAL SPECIFICATIONS (CONTINUED)

OCCUPANCY SENSORS (ACCESSORIES)

Default Settings:

Motion Sensitivity: High

Brightness when triggered : 100%

Hold time: 1 minute (20 minutes for LCB sensors)

Standby to dim: 20%

Standby time: 1 minute

When vacant: Off

Adjustable Settings: Settings for Lightcloud Blue-enabled sensors can be adjusted using the mobile app. All other sensors will require MSR1 Remote to adjust the following sensor settings:

Standby to dim: 10%/20%/30%/50%

Standby time: 0s/10s/30s/1min/5min/10min/30min/60min/+∞

Daylight Threshold: 2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable

OTHER

Warranty

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the BUY American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

PERFORMANCE

Lifespan

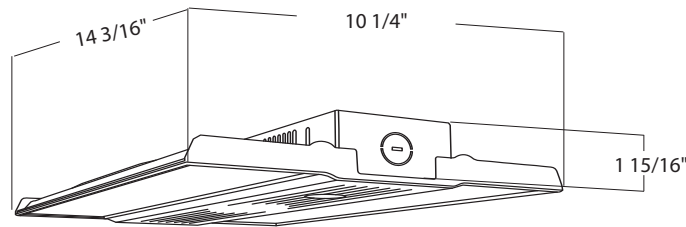
100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Note: All values are typical (tolerance +/- 10%)

DIMENSIONS

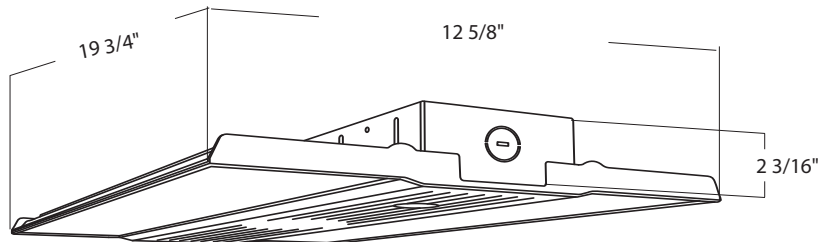
RBAY17S

Weight: 5.6 lbs



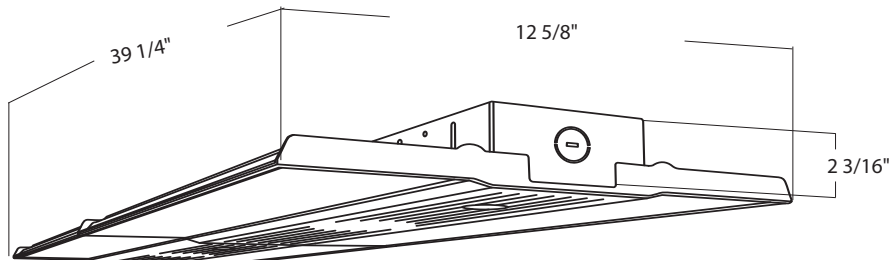
RBAY17M

Weight: 9.9 lbs





















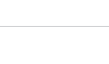
RBAY17L

Weight: 17.9 lbs



RBAY17 Ultra-Economy, Field-Adjustable, Linear High Bay **RAB**

ACCESSORIES

Image	Catalog#	Description	UPC
	PIR20	LOW CEILING LOW VOLTAGE PIR SENSOR WHITE	192552026024
	PIR20/LCB	LC BLUE LOW CEILING LOW VOLT LUMINAIRE CONTROLLER WITH PIR WHITE	192552042246
	MVS20	LOW CEILING LOW VOLTAGE MVS SENSOR WHITE	192552026017
	MVS20/LCB	LC BLUE LOW CEILING LOW VOLT LUMINAIRE CONTROLLER WITH MVS WHITE	192552042253
	PIR40	HIGH CEILING LOW VOLTAGE PIR SENSOR WHITE	192552026000
	PIR40/LCB	LC BLUE HIGH CEILING LOW VOLT LUMINAIRE CONTROLLER WITH PIR WHITE	192552026079
	MVS50	HIGH CEILING LOW VOLTAGE MVS SENSOR WHITE	192552025997
	MVS50/LCB	LC BLUE HIGH CEILING LOW VOLT LUMINAIRE CONTROLLER WITH MVS WHITE	192552026062
	MSR1	MULTI SENSOR REMOTE CONTROL IP20	192552026055
	PMKRBAY17S	PENDANT MOUNT KIT, 3/4" NPS, RBAY17 SMALL	192552025836
	PMKRBAY17M	PENDANT MOUNT KIT, 3/4" NPS, RBAY17 MEDIUM	192552025843
	PMKRBAY17L	PENDANT MOUNT KIT, 3/4" NPS, RBAY17 LARGE	192552002905
	PM-EM-RBAY17S	PENDANT MOUNT KIT, 3/4" NPS, RBAY17 SMALL WITH BATTERY BACK-UP	192552025881
	SMKRBAY17S	SURFACE MOUNT KIT RBAY17 SMALL	192552025850
	SMKRBAY17	SURFACE MOUNT KIT RBAY17 MEDIUM AND LARGE	192552025867
	SM-EM-RBAY17S	SURFACE MOUNT KIT RBAY17 SMALL WITH BATTERY BACK-UP	192552025898
	GDRBAY17S	WIRE GUARD RBAY17 SMALL WITH 4 SCREWS	192552025805
	GDRBAY17M	WIRE GUARD RBAY17 MEDIUM WITH 4 SCREWS	192552025812
	GDRBAY17L	WIRE GUARD RBAY17 LARGE WITH 4 SCREWS	192552025829

RBAY17 Ultra-Economy, Field-Adjustable, Linear High Bay **RAB**

PERFORMANCE

RBAY17S	5000K	4000K	3500K	5000K	4000K	3500K	5000K	4000K	3500K
WATTAGE	80W	80W	80W	100W	100W	100W	130W	130W	130W
INPUT WATTS	83.7W	81.6W	83.7W	100.3W	99.6W	103.7W	129.8W	126.7W	129.5W
LUMENS	12,805	12,841	12,506	14,913	15,497	15,141	18,785	19,432	18,064
EFFICACY	153.0	157.3	149.3	148.7	155.6	146.0	144.7	153.4	139.1
CRI	83	84	82	83	84	82	84	85	83
VOLTAGE RATING	120-277V			120-277V			120-277V		

RBAY17S	5000K	4000K	3500K	5000K	4000K	3500K	5000K	4000K	3500K
WATTAGE	80W	80W	80W	100W	100W	100W	130W	130W	130W
INPUT WATTS	83.2W	81.7W	82.5W	101.4W	98.7W	102.4W	130.2W	127.5W	130.4W
LUMENS	12,106	12,312	11,732	14,551	14,736	14,397	18,501	18,870	18,219
EFFICACY	145.5	150.7	142.2	143.5	149.3	140.6	142.1	148.0	139.7
CRI	84	85	82	84	82	82	84	84	82
VOLTAGE RATING	480V			480V			480V		

RBAY17M	5000K	4000K	3500K	5000K	4000K	3500K	5000K	4000K	3500K
WATTAGE	160W	160W	160W	220W	220W	220W	260W	260W	260W
INPUT WATTS	159.7W	155.0W	159.9W	219.6W	213.0W	220.0W	268.9W	257.4W	264.3W
LUMENS	24,456	25,107	24,305	32,281	32,859	32,203	39,201	40,539	38,163
EFFICACY	153.4	161.4	151.5	147.0	154.7	145.4	145.8	157.5	144.5
CRI	83	84	82	83	84	82	84	84	81
VOLTAGE RATING	120-277V			120-277V			120-277V		

RBAY17M	5000K	4000K	3500K	5000K	4000K	3500K	5000K	4000K	3500K
WATTAGE	160W	160W	160W	220W	220W	220W	260W	260W	260W
INPUT WATTS	156.6W	148.5W	157.4W	224.3W	217.6W	221.4W	257.9W	250.1W	259.7W
LUMENS	23,866	24,265	23,563	33,757	35,077	32,723	38,447	40,041	38,014
EFFICACY	152.4	163.4	149.7	150.5	161.2	147.8	149.1	160.1	147.1
CRI	84	84	81	84	84	81	84	84	81
VOLTAGE RATING	480V			480V			480V		

RBAY17L	5000K	4000K	3500K	5000K	4000K	3500K	5000K	4000K	3500K
WATTAGE	260W	260W	260W	320W	320W	320W	400W	400W	400W
INPUT WATTS	264.0W	257.7W	264.9W	322.5W	314.2W	324.7W	407.1W	402.0W	409.4W
LUMENS	41,093	41,677	40,105	48,510	49,846	47,827	58,296	59,933	57,391
EFFICACY	155.6	161.7	151.4	150.4	158.7	147.3	143.2	149.1	140.5
CRI	83	84	82	83	84	82	83	84	83
VOLTAGE RATING	120-277V			120-277V			120-277V		

RBAY17 Ultra-Economy, Field-Adjustable, Linear High Bay **RAB**

PERFORMANCE (CONTINUED)

RBAY17L	5000K	4000K	3500K	5000K	4000K	3500K	5000K	4000K	3500K
WATTAGE	260W	260W	260W	320W	320W	320W	400W	400W	400W
INPUT WATTS	266.9	258.7	264.3	323.3	318.7	327.5	400.6	390.4	400.6
LUMENS	38,754	40,461	37,980	46,846	49,271	46,407	57,490	59,724	56,444
EFFICACY	145.2	156.4	143.7	144.9	154.6	141.7	143.5	153.0	140.9
CRI	83	84	83	82	83	82	83	84	83
VOLTAGE RATING	480V			480V			480V		

ORDERING MATRIX

RBAY17

Family	Size (Wattage)	Color Temp	Mounting	Finish	Voltage	Options
RBAY17						
S	14" (130/100/80W)	BLANK 3500/4000/5000K CCT Adjustable	BLANK V-Hook/Chain	BLANK White	BLANK 120-277V, 0-10V dimming	BLANK No Option /E Battery Backup /LCBS Lightcloud Blue Enabled w/PIR Sensor /LCBS/E Lightcloud Blue Enabled * w/PIR Sensor & Battery Backup /8C 8 ft Cord /8CP 8' Cord, Straight Blade Plug 120V, * NEMA 5-15P /8CP2 8' Cord, Straight Blade Plug 277V, * NEMA 7-15P /8CPT4 8' Cord, Twistlock Plug 480V, ** NEMA L8-20 /E/8C Battery Backup w/8' Cord /E/8CP Battery Backup w/8' Cord, * Straight Blade Plug 120V, NEMA 5-15P /E/8CP2 Battery Backup w/8' Cord, * Straight Blade Plug 277V, NEMA 7-15P /E/8CPT4 Battery Backup w/8' Cord, ** Straight Blade Plug 480V, NEMA L8-20
M	20" (260/220/160W)				/480 480V, 0-10V dimming	
L	39" (400/320/260W)					

*Available only for 120-277V models

**Available only for 480V models