

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

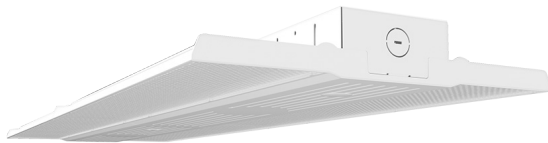
RBAY17S



RBAY17M



RBAY17L



Ultra-economy, field-adjustable, linear high bay



0-10V



100,000 HOURS



FIELD ADJUSTABLE



EASY INSTALL



DAMP RATED



BAT. BACKUP

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
- Wire guards, surface and pendant mount kits available
- Battery backup available
- 5-year, limited warranty

## 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-Z1IKA0	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

### 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).

#### 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.

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## 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

### PERFORMANCE

#### Lifespan

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

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

### 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](http://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.

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

## ACCESSORIES

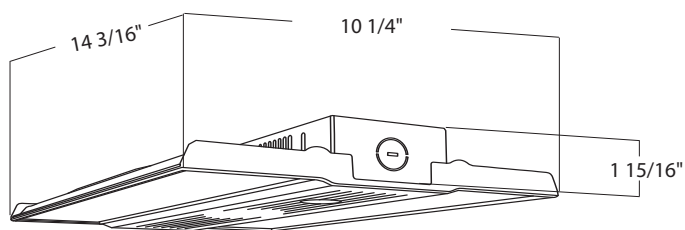
Image	Catalog#	Description	UPC
	MVS50	MVS SENSOR KIT IP65	192552025997
	PIR40	PIR SENSOR KIT IP65	192552026000
	MSR1	MULTI SENSOR REMOTE CONTROL IP20	192552026055
	MVS50/LCB	MVS SENSOR KIT WITH LC BLUE IP65	192552026062
	PIR40/LCB	PIR SENSOR KIT WITH LC BLUE IP65	192552026079
	PMKRBAY17S	PENDANT MOUNT 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**

## DIMENSIONS

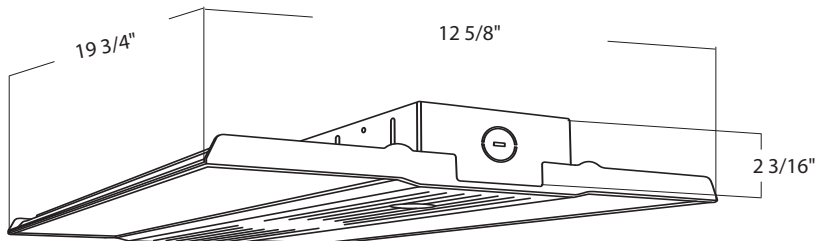
### RBAY17S

Weight: 5.6 lbs



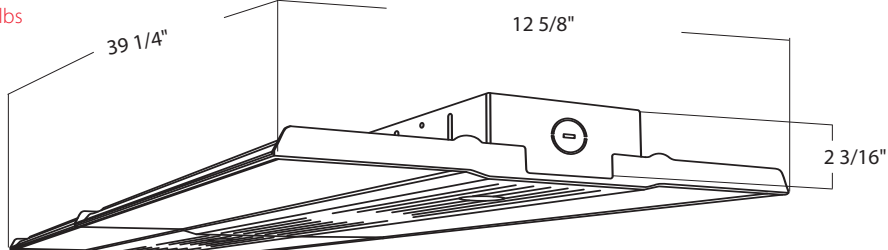
### RBAY17M

Weight: 9.9 lbs



### RBAY17L

Weight: 17.9 lbs



## 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		

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

## PERFORMANCE (CONTINUED)

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	1505	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		

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	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	S 14" (130/100/80W) M 20" (260/220/160W) L 39" (400/320/260W)	BLANK Field-adjustable (5000K/4000K/3500K)	BLANK V-Hook/Chain	BLANK White	BLANK 120-277V, /480 0-10V dimming 480V, 0-10V dimming	BLANK No Option /E Battery Backup*

\*Available only for 120-277V models