

# AEROBAY<sup>®</sup>

## Re-imagined.

Half the size, double the options and  
even more affordable.



**RAB**<sup>®</sup>

# AEROBAY®

- Patent pending, retractable design reduces volume up to 60%
- Available in three sizes and eight lumen packages:
  - 4 ft: 315W and 360W
  - 3 ft: 215W and 275W
  - 2 ft: 95W, 120W, 145W and 160W
- Passive infrared (PIR) sensor, Lightcloud® sensor, and Lightcloud® Controller options
- Battery backup offered for all 120-277V models
- 100,000-Hour LED lifespan



RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).



Visit [rablighting.com](http://rablighting.com) to see which models are DLC listed.



## You need your space!

The AEROBAY's cutting-edge, patent-pending, retractable design reduces volume by up to 60%, saving you a great deal of valuable shelf or cargo space.



## Things keep getting better.

The new generation of AEROBAYs are even more efficient — up to 142lm/W — and each size is offered in higher lumen packages. Its LED lifespan is now also double, making this an economy high bay family that delivers high-end performance!



## Maximized versatility.

With 3 available sizes (including a new 3ft model) and 8 lumen packages, AEROBAYs were designed to replace up to 1000W MH and be mounted as high as 60 feet, making them ideal for use in warehouses and industrial applications.



## Stand-alone or networked control.

AEROBAYs are available with either passive infrared motion sensor, a Lightcloud® Controller or Lightcloud® Sensor which both function with RAB's commercial, wireless lighting controls system and service.

## Specifications

### UL Listing:

Suitable for damp locations

### IES LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IES LM-79 and LM-80

### Lifespan:

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

### Color Uniformity:

RAB's range of CCT (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

### Ambient Operating Temperature:

-20°C (-4°F) to 50°C (122°F)

### Housing:

22 gauge die-formed steel

### Reflector:

White painted, reflective, die-formed painted steel

### Lens:

Polycarbonate frosted and clear lens

### Mounting:

V hooks and two 42" chains included. Optional pendant mounting available

### Finish:

Our environmentally friendly polyester powder coatings are formulated for high durability and long-lasting color

### Green Technology:

Mercury and UV free. RoHS-compliant components

### Surge Protection:

2.5kV (For areas prone to surges, upgrade to 10kV surge protection available)

### Drivers:

#### ARBAY2

**95W (13,000lm):** 0.81A @ 120V; 0.48A @ 208V; 0.41A @ 240V; 0.36A @ 277A; 0.20A @ 480V

**120W (16,000lm):** 0.97A @ 120V; 0.57A @ 208V; 0.49A @ 240V; 0.42A @ 277A; 0.24A @ 480V

**145W (20,000lm):** 1.22A @ 120V; 0.71A @ 208V; 0.62A @ 240V; 0.53A @ 277A; 0.30A @ 480V

**160W (22,000lm):** 1.32A @ 120V; 0.77A @ 208V; 0.67A @ 240V; 0.58A @ 277A; 0.33A @ 480V

#### ARBAY3

**215W (29,000lm):** 1.79A @ 120V; 1.04A @ 208V; 0.90A @ 240V; 0.79A @ 277A; 0.43A @ 480V

**275W (37,000lm):** 2.25A @ 120V; 1.30A @ 208V; 1.12A @ 240V; 1.00A @ 277A; 0.56A @ 480V

#### ARBAY4

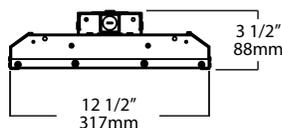
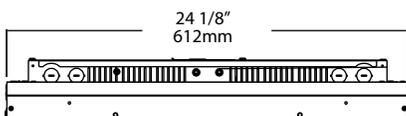
**315W (43,000lm):** 2.56A @ 120V; 1.50A @ 208V; 1.30A @ 240V; 1.13A @ 277A; 0.63A @ 480V

**360W (48,000lm):** 3.00A @ 120V; 1.73A @ 208V; 1.48A @ 240V; 1.34A @ 277A; 0.74A @ 480V

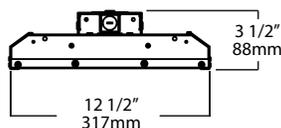
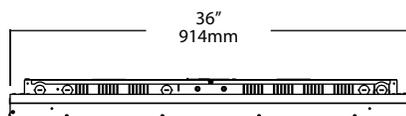
(lumen values listed above are approximate, see performance tables or product specification sheets for actuals)

## Dimensions & Weights

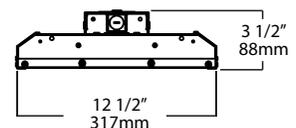
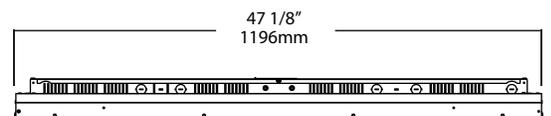
**AEROBAY 2ft**  
Weight: 12.79 lbs



**AEROBAY 3ft**  
Weight: 18.74 lbs



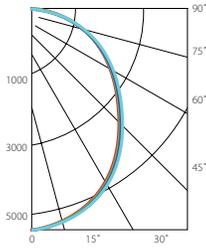
**AEROBAY 4ft**  
Weight: 21.96 lbs



# Photometrics

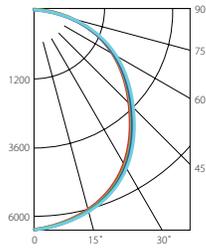
## ARBAY2-95N

Photometric Report #DLF1906103-1A



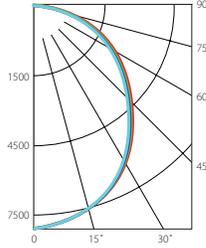
## ARBAY2-120N

Photometric Report #DLF1906103-2A



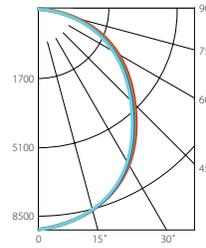
## ARBAY2-145N

Photometric Report #DLF1906103-3A



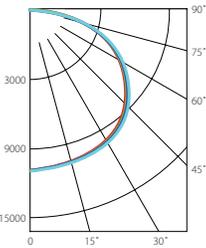
## ARBAY2-160N

Photometric Report #DLF1906103-5A



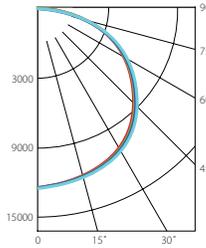
## ARBAY3-215N

Photometric Report #DLF1906103-6A



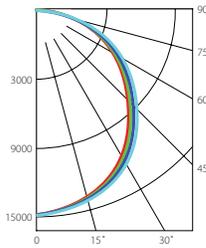
## ARBAY3-275N

Photometric Report #DLF1906103-8A



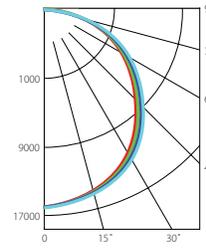
## ARBAY4-315N

Photometric Report #DLF1906103-9A



## AEROBAY 4FT 360W

Photometric Report #DLF1906103-10A



## Performance

### AEROBAY 2ft

Color Temperature	95W		120W		145W		160W	
	5000K	4000K	5000K	4000K	5000K	4000K	5000K	4000K
Input Watts	98	97	117	116	147	146	159	158
Output Lumens	13,360	13,301	16,039	15,969	19,939	19,852	21,922	21,826
Lumens Per Watt	137	137	138	138	136	136	138	138
Color Accuracy (CRI)	85	83	85	83	85	83	85	83
	(Replaces 6-lamp T8 or 250W MH)		(Replaces 6-lamp T8, 4-lamp T5HO or 250W MH)		(Replaces 8-lamp T8, 6-lamp T5HO or 400W MH)		(Replaces 8-lamp T8, 6-lamp T5HO or 400W MH)	

### AEROBAY 3ft

Color Temperature	215W		275W		315W		360W	
	5000K	4000K	5000K	4000K	5000K	4000K	5000K	4000K
Input Watts	214	216	268	269	311	307	359	355
Output Lumens	29,100	29,178	36,747	36,846	43,148	42,406	48,678	47,841
Lumens Per Watt	136	135	137	137	139	138	135	135
Color Accuracy (CRI)	85	83	85	83	85	83	85	83
	(Replaces 8-lamp T5HO or 400W MH)		(Replaces 8-lamp T5HO or 575W MH)		(Replaces 750W MH)		(Replaces 1000W MH)	

### AEROBAY 4ft

## Ordering information

Family	Length	Wattage	Color Temperature	Driver	Control Options	Backup	Options							
ARBAY	2 3 4	2ft 3ft 4ft	360 315 275 215 160 145 120 95	360W (4ft) 315W (4ft) 275W (3ft) 215W (3ft) 160W (2ft) 145W (2ft) 120W (2ft) 95W (2ft)	Blank N	5000K 4000K	Blank /480	0-10V Dimming, 120-277V 0-10V Dimming, 480V	Blank /PIR /LC /LCS	No Options Passive Infrared Occupancy Sensor Lightcloud Control Lightcloud Motion Sensor	Blank /E2	No Options Emergency Battery Backup, 120-277V <sup>1</sup>	Blank /SP10 /8C /8CP /8CPT /8CPT2 /8CPT4	No Options 10kV Surge Protection 8ft Cord only, no Plug <sup>2</sup> 8ft Cord + NEMA 5-15P Plug, 120V <sup>3</sup> 8ft Cord + NEMA 7-15P Plug, 277V <sup>3</sup> 8ft Cord + NEMA L5-15P, Twistlock Plug, 120V <sup>3</sup> 8ft Cord + NEMA L7-15P, Twistlock Plug, 277V <sup>3</sup> 8ft Cord + NEMA L8-20P, Twistlock Plug, 480V <sup>3</sup>

<sup>1</sup> For battery backup models with cord and plug dimming is not possible

<sup>2</sup> For cord only (8C) models, a 5 conductor cable will be used to make dimming possible

<sup>3</sup> For cord and plug (8CP, 8CP2, 8CPT, 8CPT2, 8CPT4) models 0-10V dimming is not possible