



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	100W
120V	0.84A	Color Temp	4000K (Neutral)
208V	0.48A	Color Accuracy	72 CRI
240V	0.42A	L70 Lifespan	100,000 Hours
277V	0.37A	Lumens	15,785 lm
Input Watts	101.2W	Efficacy	156 lm/W

Technical Specifications

Compliance

UL Listed:
Suitable for damp locations

IESNA LM-79 & LM-80 Testing:
RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

Construction

Vibration Rating:
Industry-leading 5G vibration rating per ANSI C136.31

Cold Weather Starting:
The minimum starting temperature is -40°C (-40°F)

Ambient Temperature:
Suitable for use in up to 40°C (104°F)

Housing:
Precision die-cast aluminum with sheet metal driver bracket/mounting

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.

LED Characteristics

LEDs:
Long-life, high-efficiency, surface-mount LEDs

Color Uniformity:
RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2017.

Performance

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

Electrical

Drivers:
Class 1, programmable, constant current, 50/60 Hz., 120-277V, 120V: 0.84A, 208V: 0.48A, 240V: 0.42A, 277V: 0.37A

Surge Protection:
4kV

Installation

Mounting:
Heavy-duty 3/4" NPS hook and 6 ft cord; is also 3/4" pendant mount capable(pendant by others).

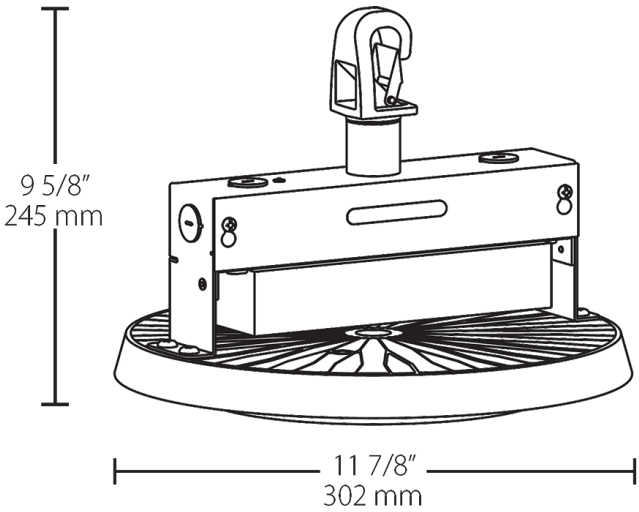
Other

Reflector Options:
Clear prismatic acrylic reflectors available in 11" or 8.5" height; frosted prismatic acrylic reflectors available in 11" or 8.5" height; white aluminumreflector available in 5" height. Click [here](#) to see all reflectors.

LOS800 Sensor:
Occupancy/Motion Sensor. Sensors can automatically affect the operation of lighting equipment based upon detecting the presence of people in a space. "LOS" for use with base fixture only. 360° White Lens (Installed) - 60 ft diameter when mounted at 40 ft, Aisle Black Lens (included as option) - 60 ft x 20 ft wide.

5 Yr Limited 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](#).

Dimensions



Features

- Simple. Affordable, Modular design.
- Open "airflow" design reduces operating temperatures and increases lifespan
- Assortment of reflectors tailor the Haybay to specific applications
- Available with a Lightcloud Controller, Lightcloud Sensor and other compatible RAB sensors

Ordering Matrix

Family	Wattage	Color Temp	Driver	Sensor Options	Options
HAYBAY	100	N	/D10	/LOS	
100 = 100W 130 = 130W 150 = 150W 180 = 180W		Blank = 5000K N = 4000K	/D10 = 0-10V Dimming Standard		
			Blank = No Sensor /LOS = LOSBAY 800 Sensor - base fixture only /LOSR = LOSBAY 800 Sensor - required for reflector /LC = Lightcloud /LCS = Lightcloud Sensor - base fixture only /LCSR = Lightcloud Sensor - required for reflector		
			Blank = No Battery Backup /E2 = Emergency Backup, 120-277V		