



Low on cost. High on utility.

HAYBAY™



RAB®
LIGHTING
RABWEB.COM • 888-722-1000



Your budget. Your choice.

HAYBAY is designed for a world of flexibility by keeping your base price low and letting you choose options as you need them, like reflectors, motion sensors and emergency batteries.



Open "airflow" design reduces operating temperature and increases lifespan.

An assortment of reflectors tailor the HAYBAY to specific applications: downlight only, uplight + downlight, and high or low mounting heights.



Available in clear and frosted finishes



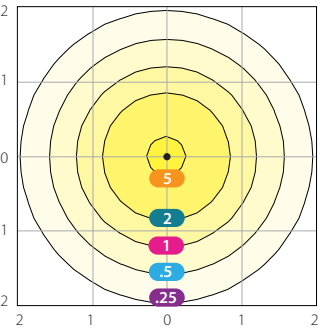
Available with a Lightcloud™ Controller, Lightcloud™ Sensor, and other compatible RAB sensors for additional energy savings

Photometrics

HAYBAY 180W • 5000K • 35 ft. Mounting Height

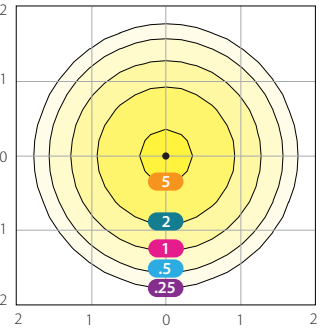
Bare High Bay,
No Reflector

Photometric Report #RAB03184



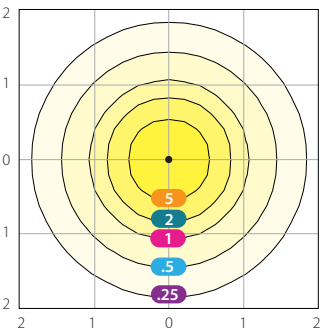
With Short Aluminum Reflector
(R16SA)

Photometric Report #RAB02702



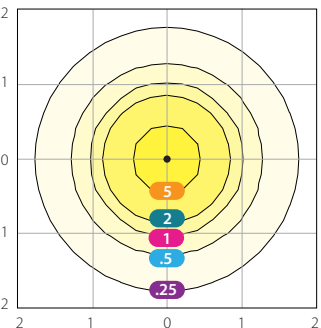
With Short, Clear, Prismatic Acrylic
Reflector (R16SP)

Photometric Report #RAB02677MOD18050



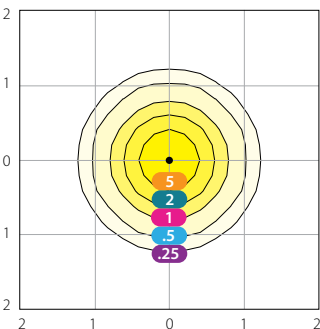
With Short, Frosted, Prismatic Acrylic
Reflector (R16SPF)

Photometric Report #RAB02679MOD18050



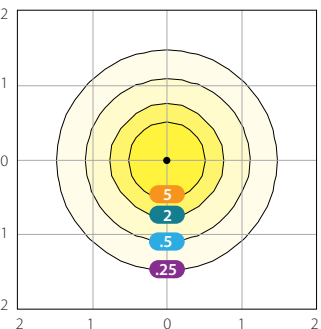
With Clear, Prismatic Acrylic Reflector
(R16AR)

Photometric Report #RAB02673MOD18050



With Frosted, Prismatic Acrylic
Reflector (R16PF)

Photometric Report #RAB02675MOD18050



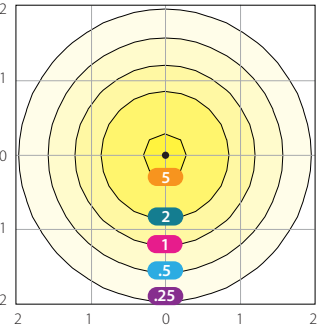
Mounting Height	20	25	30	35	40
Multiplier	3.1	2.0	1.4	1.0	0.8

Gride scales: Multiples of mounting height
Values shown in footcandles

HAYBAY 100W • 5000K • 25 ft. Mounting Height

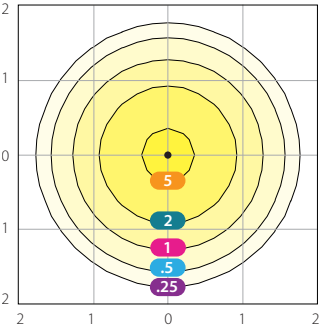
Bare High Bay,
No Reflector

Photometric Report #RAB0303176



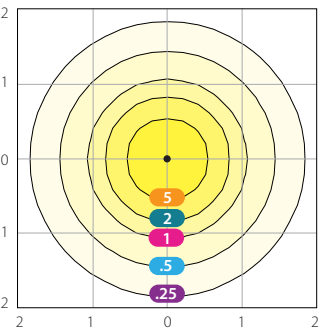
With Short Aluminum Reflector
(R16SA)

Photometric Report #RAB02707



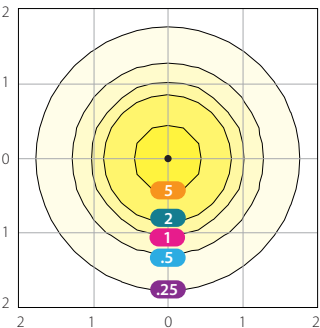
With Short, Clear, Prismatic Acrylic
Reflector (R16SP)

Photometric Report #RAB02677MOD10050



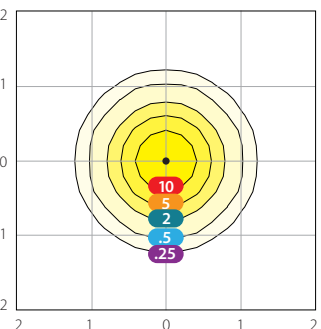
With Short, Frosted, Prismatic Acrylic
Reflector (R16SPF)

Photometric Report #RAB02679MOD10050



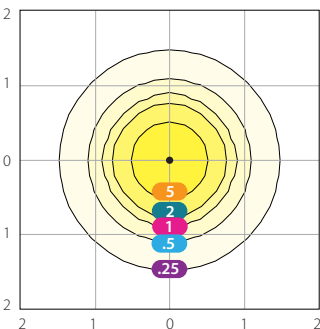
With Clear, Prismatic Acrylic Reflector
(R16AR)

Photometric Report #RAB02673MOD10050



With Frosted, Prismatic Acrylic
Reflector (R16PF)

Photometric Report #RAB02675MOD10050



Mounting Height	20	25	30	35	40
Multiplier	1.6	1.0	0.7	0.5	0.4

Gride scales: Multiples of mounting height
Values shown in footcandles

Reflector	% of Uplight without drop lens	% of Uplight with drop lens
R16AR - Clear Prismatic Acrylic Reflector (11" high)	2.3%	8.3%
R16PF - Frosted Prismatic Acrylic Reflector (11" high)	11.9%	17.7%
R16SP - Short Clear Prismatic Acrylic Reflector (8.5" high)	2.6%	8.7%
R16SPF - Short Frosted Prismatic Acrylic Reflector (8.5" high)	5.8%	12.0%
R16SA - Short Aluminum Reflector (5" high)	0.1%	1.6%

Specifications

UL Listing: Suitable for damp locations

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

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

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

Drivers:

180W: Class 1, programmable, constant current, 50/60 Hz., 120-277V, 2.4A @ 120V, 0.92A @ 208V, 0.8A @ 240V, 0.7A @ 277V; THD<10%, PF>95%

150W: Class 1, programmable, constant current, 50/60 Hz., 120-277V, 1.7A @ 120V, 0.74A @ 208V, 0.64A @ 240V, 0.54A @ 277V; THD<10%, PF>95%

130W: Class 1, programmable, constant current, 50/60 Hz., 120-277V, 0.7A @ 120V, 0.67A @ 208V, 0.58A @ 240V, 0.5A @ 277V; THD<10%, PF>95%

100W: Class 2, constant current, 50/60 Hz., 120-277V, 0.87A @ 120V, 0.52A @ 208V, 0.45A @ 240V, 0.37A @ 277V; THD<10%, PF>95%

	HAYBAY 180W		HAYBAY 130W	
Color Temperature	5000K	4000K	5000K	4000K
Input Watts	185	183	134	133
Output Lumens	21,124	21,016	15,664	15,584
Lumens Per Watt	115	115	117	117
Color Accuracy (CRI)	73	74	73	74

	HAYBAY 150W		HAYBAY 100W	
Color Temperature	5000K	4000K	5000K	4000K
Input Watts	149	148	102	102
Output Lumens	18,381	18,287	11,027	10,971
Lumens Per Watt	123	123	108	108
Color Accuracy (CRI)	73	74	73	74

Dimming: 0-10V dimming, standard

Ambient Temperature: Suitable for use 12 hours a day, 5 days a week in ambient temperatures up to 50° C and for 24/7 use in ambient temperatures up to 40° C.

Emergency Battery Backup: Available as an option

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

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

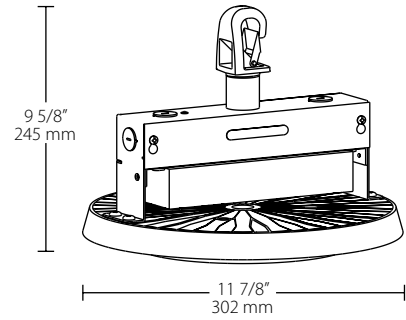
Reflector Options: Clear prismatic acrylic reflectors available in 11" or 8.5" height; frosted prismatic acrylic reflectors available in 11" or 8.5" height; white aluminum reflector available in 5" height.

Finish: Our environmentally friendly polyester powder coatings are formulated for high durability and long-lasting color, and contain no VOC or toxic heavy metals.

Note: Performance shown for HAYBAY with R16SP reflector. For other performance visit rabweb.com

Dimensions & weight

Weight: 14.7 lbs



Reflectors

R16AR

Clear Prismatic
Acrylic Reflector
(11" high)



R16PF

Frosted Prismatic
Acrylic Reflector
(11" high)



R16SP

Short Clear
Prismatic Acrylic
Reflector (8.5" high)



R16SPF

Short Frosted
Prismatic Acrylic
Reflector (8.5" high)



R16SA

Short White Aluminum
Reflector (5" high)



Reflector accessories (*require reflector*)*

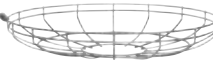
DL16

Clear Prismatic Acrylic
Drop Lens w/Clamp Band



GDB16

Wire Guard



* Can only affix one accessory to a reflector.

Ordering information

Product Family	Wattage	Color Temp.	Driver	Sensor Options	Options
HAYBAY			/D10		
	180 180W 150 150W 130 130W 100 100W	Blank 5000K N 4000K	/D10 0-10V Dimming, 120-277V (standard)	Blank No Sensor /LOS LOSBAY 800 Sensor**† /LOSR LOSBAY 800 Sensor† (designed for use with a reflector) /LCS Lightcloud™ Sensor** /LCSR Lightcloud™ Sensor (designed for use with a reflector) /LC Lightcloud™ Controller	Blank None /E2 Emergency Backup, 120-277V

**Not for use with reflectors.

† LOSBAY 800 Sensor is for 120V or 277V use only.