



RHB

Round High Bay



OVERVIEW

Lumen Package (lm)	18,000 - 30,000
CCT	4000K, 5000K
Wattage Range (W)	147 - 231
Efficacy Range (LPW)	130 - 135
Weight lbs (kg)	14 (6)

QUICK LINKS

FEATURES & SPECIFICATIONS

Construction

- Made of die-cast aluminum with a clear glass lens. The unit has a built-in heat sink and comes with a standard die-cast I-bolt for strong and easy installation.

Optical System

- Available in 5000K & 4000K color temperature per ANSI C78.377.
- Minimum CRI of 80
- High transmission impact resistant clear tempered glass lens comes standard. Optional frosted glass lens available.
- Optional White spun aluminum reflector is available for a reduced vertical angle distribution.
- Optional Prismatic acrylic refractor is available for an enhanced visual comfort and upright of up to 7% the total lumen output.
- Optional clamp band conical and flat glass lenses are available with utilization of the prismatic refractor or the aluminum reflector options.

Electrical

- 0-10 volt dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480Vac).
- L70 Calculated Life: > 50k Hours.
- Operating Temperature -20C to +50C (-4F to + 122F).
- Power factor: >.85
- Input power stays constant over life.
- Standard surge protection rated to 4kV.

Installation

- Standard loop for mounting.
 - Optional hook or pendant mount kit adapter for alternative mounting.
- Comes with standard 6 ft cord in color to match unit finish.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.

Listings

- Listed to UL 1598 and UL 8750.
- RoHS Compliant.
- IP65 rated luminaire.
- Suitable for wet locations.
- DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

RHB Round High Bay

Type: _____

 **Have questions?** Call us at (800) 436-7800

ORDERING GUIDE

TYPICAL ORDER EXAMPLE: RHB LED 18L UNV DIM 40 BLK									
Prefix	Light Source	Lumen Package	Lens	Voltage	Driver	Color Temperature	CRI	Finish	Options
RHB - LED Round High Bay	LED	18L - 18,000 24L - 24,000	Blank - Glass	UNV - 120 - 277V HV - 347-480V ²	DIM - 0-10V Dimming	50 - 5000K 40 - 4000K	Blank - 80 CRI	WHT - White BLK - Black	OCSUE ¹ - PIR Occupancy Sensor 120-347V



Need more information?
[Click here for our glossary](#)

Have additional questions?
Call us at (800) 436-7800



ACCESSORY ORDERING INFORMATION

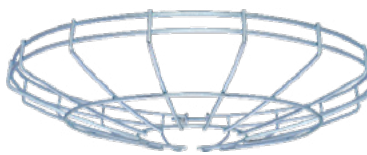
Part Number	Order Number	Description
709938C	R16AC	16" Prismatic Acrylic Refractor
738702	R16AW	16" White Acrylic Refractor
738701	R16AD	16" Diffuse Acrylic Refractor
782280	R16CPA	16" Acrylic Conical Drop Lens
784572	R16FGC	16" Flat Glass Lens
709942	R16WG	16" Wire guard
715600	RHBPMK	Pendant Mount Kit
757492	RHB HOOK	RHB Hook



R16AC
Prismatic Acrylic Refractor



RHB16FGC*
16" Flat Glass and Clamp Band



R16WG*
16" Wire Guard (SLV)



R16CPA
16" Conical Lens and Clamp Band*



Pendant Mount Adaptor
fits 3/4" NPT



RHBPMK
Pendant Mount Kits

*Requires Reflector or Refractor

1 Occupancy Sensor connected to an attached side-mounted box.
2 HV not available in 5000K CCT.

PERFORMANCE

Delivered Lumens							
Lumen Package	Lens	Attachment	4000K CCT		5000K CCT		Wattage
			Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	
18L	None	None	19554	133	19567	133	147
	RHB16AC	None	19193	131	19127	130	147
	RHB16AC	RHB16FGC	17321	118	17271	117	147
	RHB16AC	RHB16CPA	17530	119	17475	119	147
24L	None	None	23971	135	24019	135	178
	RHB16AC	None	23622	133	23552	132	178
	RHB16AC	RHB16FGC	21319	120	21255	119	178
	RHB16AC	RHB16CPA	21574	121	21510	121	178

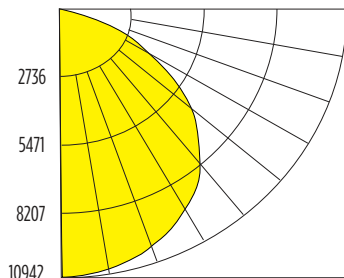
PHOTOMETRICS

Luminaire photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. As specified by IESNA LM-79-08 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

See the individual product page on <https://www.lsicorp.com/> for detailed photometric data.

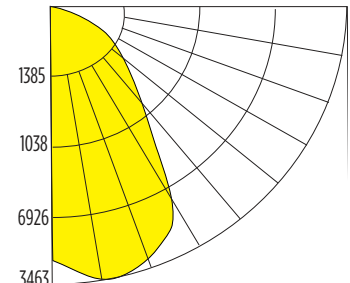
RHB-LED-30L-50

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-20	4,033	13.48%
0-30	8,633	28.84%
0-40	14,260	47.64%
0-60	25,152	84.04%
0-80	29,793	99.54%
0-90	29,930	100.00%
10-90	28,892	96.53%
20-40	10,227	34.17%
20-50	16,076	53.71%
40-70	14,232	47.55%
60-80	4,641	15.50%
70-80	1,301	4.35%
80-90	137	0.46%
90-110	0	0.00%
90-120	0	0.00%
90-130	0	0.00%
90-150	0	0.00%
90-180	0	0.00%
110-180	0	0.00%
0-180	29,930	100.00%



RHB-LED-30L-50-RHB16AC

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-20	5,137	18.00%
0-30	10,900	38.20%
0-40	16,377	57.39%
0-60	24,139	84.59%
0-80	27,181	95.25%
0-90	27,467	96.26%
10-90	26,194	91.79%
20-40	11,240	39.39%
20-50	15,565	54.54%
40-70	10,075	35.31%
60-80	3,042	10.66%
70-80	729	2.55%
80-90	286	1.00%
90-110	464	1.63%
90-120	658	2.31%
90-130	796	2.79%
90-150	978	3.43%
90-180	1,068	3.74%
110-180	604	2.12%
0-180	28,535	100.00%



RHB Round High Bay

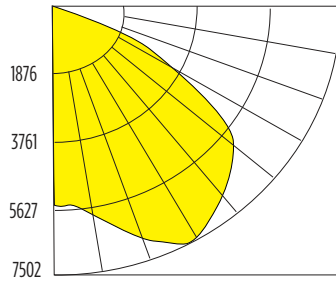
Type: _____

 Have questions? Call us at (800) 436-7800

PHOTOMETRICS

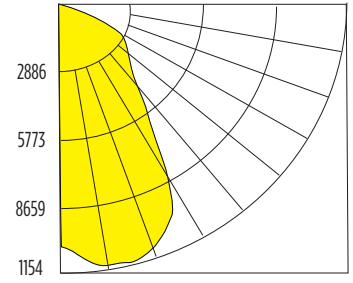
RHB-LED-30L-50-RHB16AC-RHB16CPA

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-20	2,366	9.08%
0-30	5,731	21.99%
0-40	10,197	39.12%
0-60	19,866	76.22%
0-80	23,404	89.80%
0-90	23,692	90.90%
10-90	23,148	88.81%
20-40	7,831	30.05%
20-50	12,843	49.28%
40-70	12,402	47.59%
60-80	3,538	13.58%
70-80	806	3.09%
80-90	287	1.10%
90-110	665	2.55%
90-120	1,036	3.97%
90-130	1,372	5.26%
90-150	1,935	7.42%
90-180	2,372	9.10%
110-180	1,707	6.55%
0-180	26,063	100.00%



RHB-LED-30L-50-RHB16AC-RHB16FGC

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-20	4,294	16.67%
0-30	9,106	35.36%
0-40	13,511	52.46%
0-60	20,471	79.49%
0-80	23,483	91.18%
0-90	23,728	92.13%
10-90	22,677	88.06%
20-40	9,217	35.79%
20-50	12,795	49.68%
40-70	9,271	36.00%
60-80	3,013	11.70%
70-80	701	2.72%
80-90	245	0.95%
90-110	432	1.68%
90-120	649	2.52%
90-130	862	3.35%
90-150	1,596	6.20%
90-180	2,026	7.87%
110-180	1,593	6.19%
0-180	25,753	100.00%

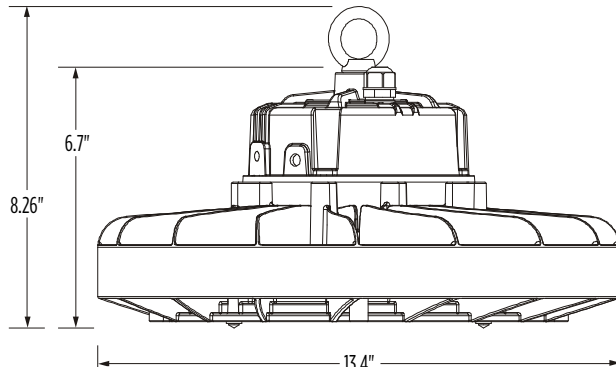


RHB Round High Bay

Type: _____

 **Have questions?** Call us at (800) 436-7800

PRODUCT DIMENSIONS



Unit with Motion Box and Sensor

