

Date:	Location:
Type:	Project:
Catalog #:	

RHS1 Series
Round High Bay Series 1



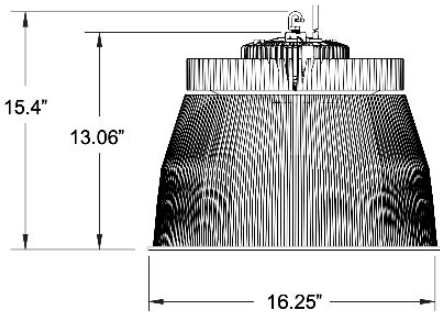
Product Description

Traditional high bay style with innovative advancements and state of the art high density LED array technology. A precisely engineered synergy of passive cooling and active light creation for optimal performance with a traditional, architectural look. The eLuminaire RHS1 LED high bay is a true solid state lighting design that is apparent in every detail. Features easy installation with hook mount, 120-277V or 277-480V configurations and 80 CRI standard. 0-10V Dimming drivers enable CA24 and other stringent energy conservation regulations. Delivering between 12,000 - 36,000 field-adjustable lumens while only consuming 75 to 225 watts, it's the ideal high bay luminaire.

Applications: Industrial, Retail, Warehouse, Gymnasium, Supermarket.

Product Performance

- Field-adjustable lumen output:
 - 12,000 lumens (75 watts)
 - 18,000 lumens (112 watts)
 - 24,000 lumens (150 watts)
 - 36,000 lumens (225 watts)(4000K & 5000K CCT, values for 3000K will be proportional for field-adjusted output)
- Input Voltage: 120-277V or 277-480V
- CCT: 3000K - 5000K
- CRI: 80 CRI Minimum
- UL1598 Compliant
- Snap-lock reflector/refractor installation
- Multiple lens/reflector/refractor options
- Safety Cable Standard
- 0-10V Dimmable power supply
- 5 year Warranty
- Remote Battery Backup (8W, 800-1,200 lumens) available



Fixture Weight: 12.0 lbs

Ordering Guide Note: Select one (1) Refractor or Reflector (CR, AR or SCR) for each fixture ordered (no charge) on separate line item

Example: RHS1-P24050K8-WH

Series	Distribution	Output Type	CCT Code	Voltage	Fixture color	Options
RHS1	P - Performance DP - Diffused Perf.	225 - 36,000 Lumens Max, 225W (Field-Adjustable) SLO - Specific Lumen Output	30K - 3000K, 80 CRI 40K - 4000K, 80CRI 50K - 5000K, 80CRI	MV - 120-277V HV - 277-480V	WH - White RAL - Custom Color (Specify RAL)	ARRA - Meets ARRA Requirements See RBB 8W spec for Remote Battery Backup information ¹

Accessory Guide (Field installed, order as separate line item)

Accessory Number	Description
CR	Clear Refractor
AR	Aluminum Reflector
NR	No Refractor
SCR	Shallow Clear Refractor
CR-L	Conical Drop Lens
2CP	Hook with 2 Meter Cord and Plug (Customer to supply NEMA plug configuration at time of order)

¹ Battery backup configurations will correspond to active mode fixture configuration outputs at 3000K, 4000K or 5000K. NOTE: battery backup output will correspond to active mode output CCT differences.



RHS1 Series

Product Specifications

Construction & Materials

- Powder Coated Aluminum Housing
- Polycarbonate 5VA Lens
- CREE high-performance LEDs
- Hook mounting standard

Optical System

- P Lens - Clear Lens
- DP Lens - Diffused Lens

Electrical System

- Input Voltage: 120-277VAC or 277-480VAC
- Power Factor: > 0.9
- Total Harmonic Distortion: <20%
- Operating Temperature Range: -40°C to 60°C

Testing & Certifications

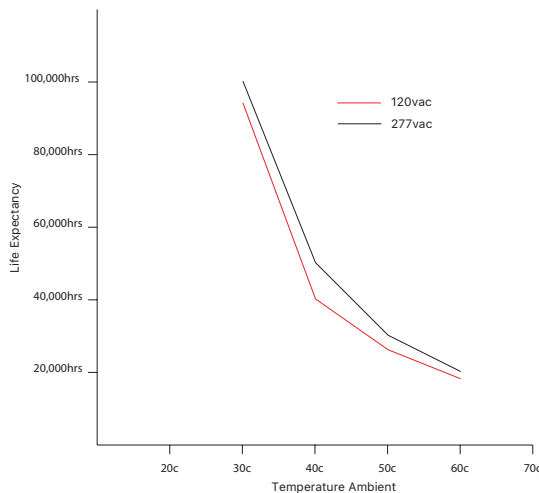
- cETLus listed
- UL1598, CSA STD.22.2 compliant
- RoHS Compliant
- Can meet ARRA Buy America requirements as required
- Consult factory for DLC® listed models

Lumen Maintenance

L70@ 25C >190,000 hours

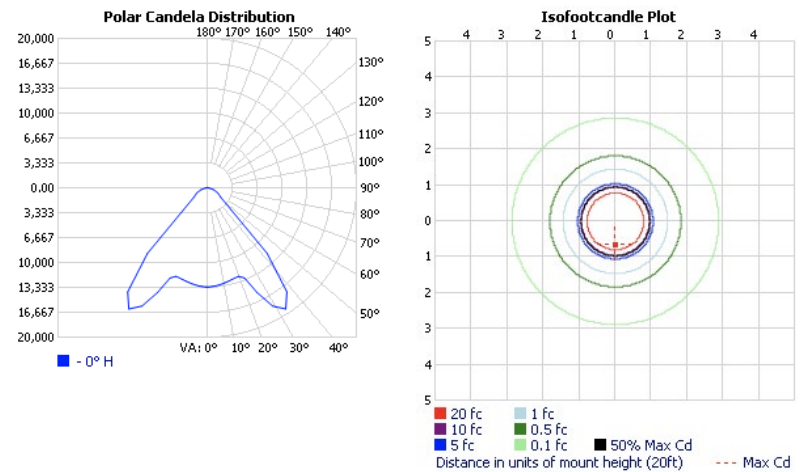
Thermal De-Rating Curve

Life expectancy vs ambient temperature.



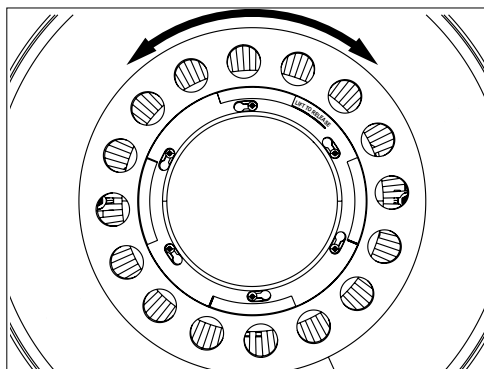
Photometry

All published photometric testing data is performed to IESNA LM79-08 standards by a NVLAP accredited laboratory. To obtain an IES file specific to your project contact sales@eluminaire.com.



Snap-Lock Reflector/Refractor Installation

1. From bottom of fixture, lift to release lock and rotate clockwise to remove refractor/reflector.
2. Slide replacement into place and rotate counter-clockwise until refractor/reflector locks into place.



eLuminaire maintains a tolerance of +/- 7% on flux and power measurements. The information in this document is subject to change without notice.

Technical Specifications

RHS1 Series Accessories

Accessory Guide

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CR - Clear Refractor



AR - Aluminum



NR - No Refractor



SCR - Shallow Refractor Clear



CR-L - Conical Drop Lens