FILAMENTO

RH1-RFL High Bay

200 L/W, Uniform Illumination from Floor to Ceiling

Date	Project	Part #

PROOF · 6kV · 5 YEARS · READY · 0–10V







c UL us LISTED · DLC LISTED PREMIUM · NOM · CE · CB · KC · IP65 IK08

RH1-RFL delivers 200 L/W, while eliminating the cave effect. Three dedicated optics work together: 15% uplight for the ceiling, a refractor dome for uniform wall wash floor to ceiling, and a dedicated lens for a uniform floor. Bright walls and ceilings, your retail products are seen clearly, and a glare shield that blocks direct viewing of the LEDs. Ideal for retail, where total visual comfort is a requirement, and for distribution centers and manufacturing floors that demand the same. See the Product Info for technology detail.

Applications

- Retail, Supermarket, Dealership
- Warehousing
- Manufacturing

Features

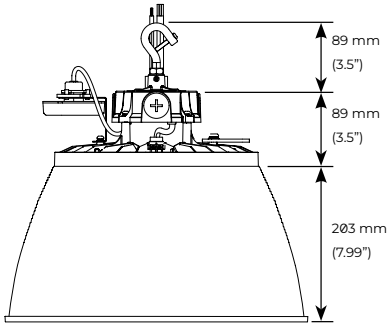
- 27,137 Lumens, 136W, 200 L/W @ 80 CRI
  - 125W, 150W also available
- High Visual Comfort
  - Glare Shield eliminates direct viewing of LED
- High Illumination Uniformity
  - 15% Uplight to brightly illuminate ceilings
  - Designed for uniform wall wash
  - Bright uniform glow from dome surface
- 120-277 VAC
- IP65: Driver, LED and Lens Assembly
- Bug Proof: IP5x Refractor and Bottom Lens
- Warranty[2]: 5 year standard, 7 and 10 year extended available

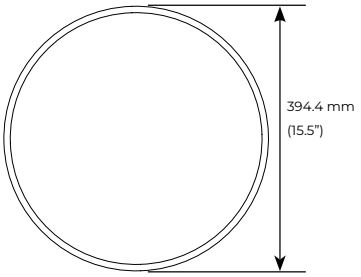
Control Options

- 3-pin control receptacle[8] for field install plug and play dimming
  - GEBC[5] Bluetooth
  - Special order Synapse[6], Silvair[7] or Casambi
- 0-10V wired dimming
- Dims to 10% then to off

Mechanical & Accessories

- 8.30 lbs / 3.76 kg
- Included Hardware:
  - Safety Harness, 1.8 m / 5.9 ft
  - Jack Chain + 2 x Carabiner, 2.0 m / 6.6 ft
  - Mounting Hook





Lumen Maintenance

Hours					
0	**30,000**	**45,000**	**60,000**	**100,000**	**>>108,000**
100%	95%	93%	90%	84%	70%

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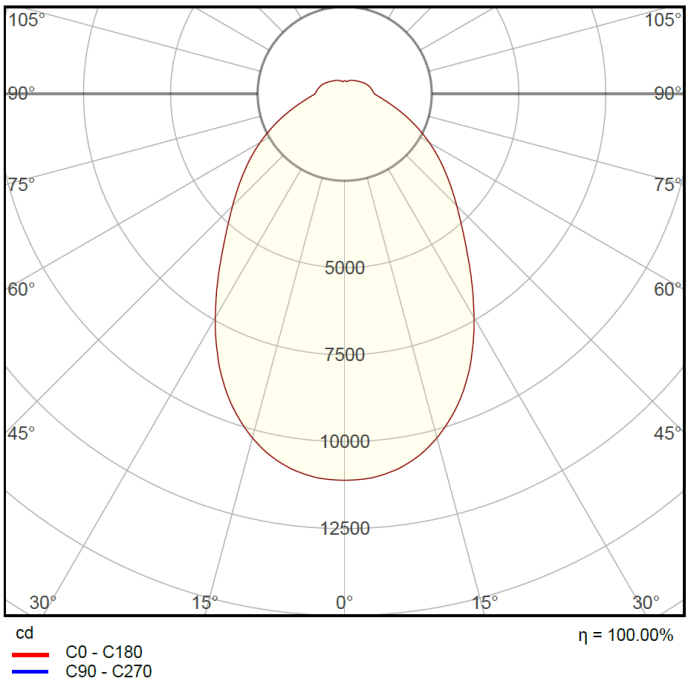
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Photometry

- Patented Optic provides:
  - Low Glare UGR < 25
  - Uplight 15%
- Lumens

CRI	Power	2700K	3000K	3500K	4000K	5000K
80	**125W**	-	-	-	25,161	25,161
80	**136W**	-	-	-	27,137	27,137
80	**150W**	-	-	-	29,590	29,590

- Polar light distribution diagram @ 136W



Electrical

- VS: 120-277 VAC, 50-60Hz
- <1% Flicker
- PF >0.9, THD <20%
- Surge: 6 kV (L-N), 6 kV (L-G, N-G)

	Amps @ Line Voltage (VAC)			
	120V	**220V**	**240V**	**277V**
125W	1.04A	0.57A	0.52A	0.45A
136W	1.13A	0.62A	0.57A	0.49A
150W	1.25A	0.68A	0.63A	0.54A

1. Unless otherwise specified, all values are typical at 25°C 277VAC ± 10% tolerance
2. See limited warranty for details
3. Specifications subject to change without notice
4. Not intended for use in environments containing airborne corrosive agents such as chemicals, solvents, or cutting fluids
5. Sharkward Bluetooth GEBC (DLC NLC Product ID NSHRKWR20ZP)
6. LLLC of SimplySNAP Smart Lighting Solution (DLC NLC Product ID N63EGU8GE8Z)
7. Silvair (DLC NLC Product ID NSLVR23CNTRL)
8. Pogo Pin receptacle for Synapse[6], Silvair[7], Sharkward GEBC Bluetooth[5] wireless control modules

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Certifications (NOM Pending)

NOM IP65 IP5X IK08

Part # Key

- Not all combinations are valid or readily available - See ordering table for standard models
- Call for availability of custom features - MOQ may apply

Series		Certification		Power		CRI		CCT		Driver	
RH1	Round Highbay	**FIX**	North America	**125**	125W	**8**	80 CRI	**40**	4000K	**VS**	120-277V
				136	136W			**50**	5000K		
				150	150W						

Options

Finish		Optics		Optical Accessory		Control Module		Mounting/Cord Length		Future Field		Cable/Termination		Other	
WH	White	**110**	Std Beam	**RFL**	Refractor with Bottom Glare Shield	**TSY**	Synapse[6]	**0000**	6.6ft (2m) Jack Chain	**000**	N/A	**A0W3**	6ft (1.8m) Power Cable Bare Wire	**FL**	
				000	None	**T30**	Control Receptacle for wireless dimming[8]	**H000**	No Jack Chain			**A715**	6ft (1.8m) Power Cable NEMA L715 Male Connector		
						000	0-10V Dimming Cable	**A020**	6.6ft (2m) Aircraft Cable			**AMW3**	6ft (1.8m) Power Cable with Metal Conduit Bare Wire Termination		

Example Part Number

Product Code	Part Number	Power	CCT	Lumens	Termination	Quickship
14363	RH1-FIX-136-8-40-VS-WH-110-RFL-TSY-0000-000-A715-FL	136W	4000K	27,137	NEMA L7-15 Plug	Yes
14655	RH1-FIX-136-8-40-VS-WH-110-RFL-TSY-0000-000-AMW3-FL	136W	4000K	27,137	Metal Conduit with Bare Wire	Yes

Power Cable and Accessories (Field Install)

Product Code	Description	Part Number
03242	Power Cable – 10Ft (3.05m), White, NEMA L7-15 Female to Reloc 3-Pin	CAB-STOOW-0305-WH-L715-RLC3
03094	L7-15R Twist Lock Receptacle	MIS-PLG-TLR

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