

FILAMENTO

RH1 High Efficiency High Bay

Europe

201 L/W, Low Glare, UGR<22, 10% Uplight

Date

Project

Part #



Applications

- Retail
- Warehousing
- Manufacturing

Features

- 27,537 Lumens, 136W, 201 L/W @ 80 CRI
 - 125W, 150W also available
- Key Optical Distribution Features:
 - Low Glare UGR<22
 - 10% Uplight to illuminate ceilings
 - Wide distribution to illuminate high up on vertical surfaces (walls, racks)
- 120-277 VAC
- Seven Year Warranty²
- Ten Year Warranty Optional
- See Website for Installation Guide and IES File

World Wide Certifications

- Europe
- CE, IP65

CE IP65

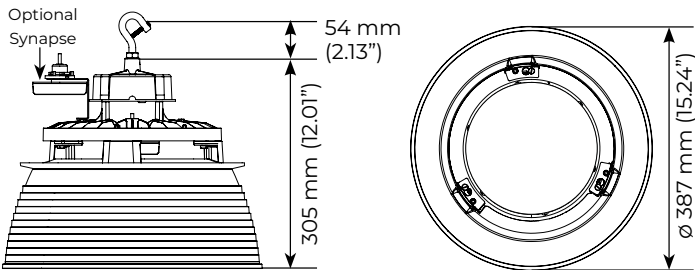
- See regional section for applicable certification

Control Options

- Wireless:
 - Synapse, Casambi
- Local Fixture Control:
 - 0-10V control
- Dims to 10% then to off

Mechanical & Accessories

- 7.93 lbs / 3.60 kg
- Included Hardware:
 - Safety Harness, 1.8 m / 5.9 ft
 - Jack Chain + 2 x Carabiner, 2.0 m / 6.6 ft



Lumen Maintenance

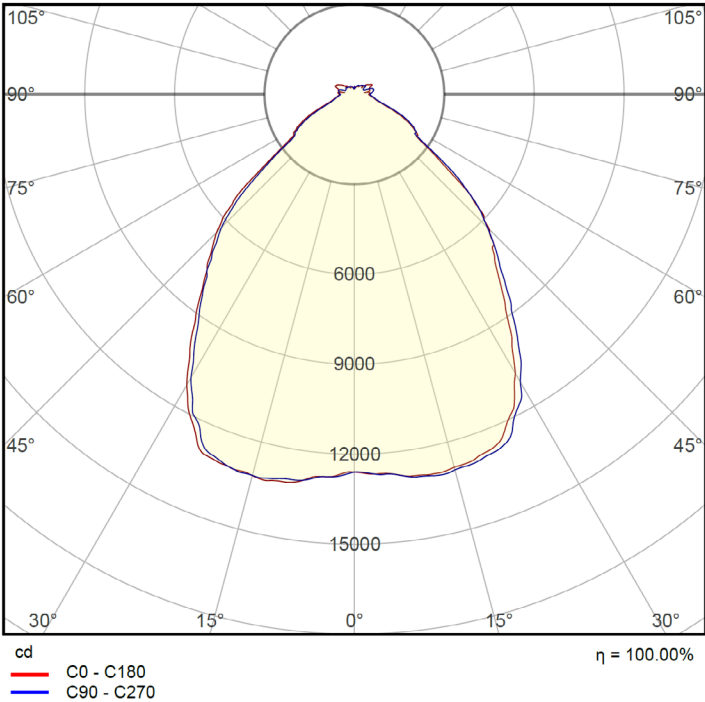
Hours					
0	30,000	45,000	60,000	100,000	>>108,000
100%	95%	93%	90%	84%	70%

Photometry

- Patented Optic provides:
 - Low Glare UGR<22
 - 10% Uplight batwing to illuminate ceilings uniformly
 - Distribution tailored to illuminate high up on vertical walls and rack surfaces
- Lumens (with Refractor & Uplight)

CRI	Power	Lumens @ CCT				
		2700K	3000K	3500K	4000K	5000K
80	125W	-	-	-	25,191	25,191
80	136W	-	-	-	27,537	27,537
80	150W	-	-	-	29,592	29,592

- Polar light distribution diagram @ 150W



Electrical

- VS: 120-277 VAC, 50-60Hz
- <1% Flicker
- PF > 0.9, THD<20%
- Surge: 6 kV (L-N), 6kV (L-G, N-G)
- 1.8 m / 6.0 ft Power Cable

	Amps @ Line Voltage (VAC)			
	VS			
	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

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Applicable Regions

- Europe
- CE, IP65



Summary

- VS: Line Voltage 120-277 VAC
- Certified to UL/ULC Standard, DLC Premium, IP65

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		Finish		Optics		Optical Accessory	
RH1	Round Highbay	FEU	Europe	125 136 150	125W 136W 150W	8	80 CRI	40 50	4000K 5000K	VS	120-277V	WH	White	110	Std Beam	RU1	Refractor + Uplight
Control Module			Mounting/Cord Length				Future Field		Cable/Termination						Other		
000	None		0000	Jack Chain 2.0M				000	N/A	xxE4	Inline Connector – Male and Female					FL	
TSY	Synapse																
TCS	Casambi																
T30	3 Pin Connector Ready for Control Module																

Example For 136W 80 CRI

CCT	Control	Termination	Power Level	Part Number	Product Code
4000K	None	Inline Connector	136W	RH1-FEU-136-8-40-VS-WH-110-RU1-T30-0000-000-xxE4-FL	03769
	Synapse			RH1-FEU-136-8-40-VS-WH-110-RU1-TSY-0000-000-xxE4-FL	03772
5000K	None			RH1-FEU-136-8-50-VS-WH-110-RU1-T30-0000-000-xxE4-FL	03619
	Synapse			RH1-FEU-136-8-50-VS-WH-110-RU1-TSY-0000-000-xxE4-FL	03728