



Applications

- Retail
- 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
- Key Optical Distribution Features:
- 120-277 VAC
- Seven Year Warranty²
- Ten Year Warranty Optional

World Wide Certifications

- IP65, IK08
- Europe
- Korea
- Australia

IP65 IK08 CB CE K

- See regional section for applicable certification

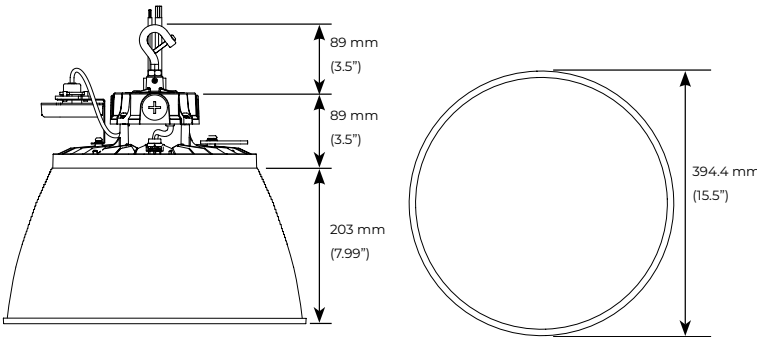
Control Options

- Wireless:
 - Synapse⁵, Silvoir⁶, Bluetooth⁷, Casambi⁸
- Dims to 10% then to off
- Integral Sensor Max Mounting Height 50ft

SYNAPSE SILVAIR CASAMBI

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



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 < 25
 - Uplight 15%

Lumens

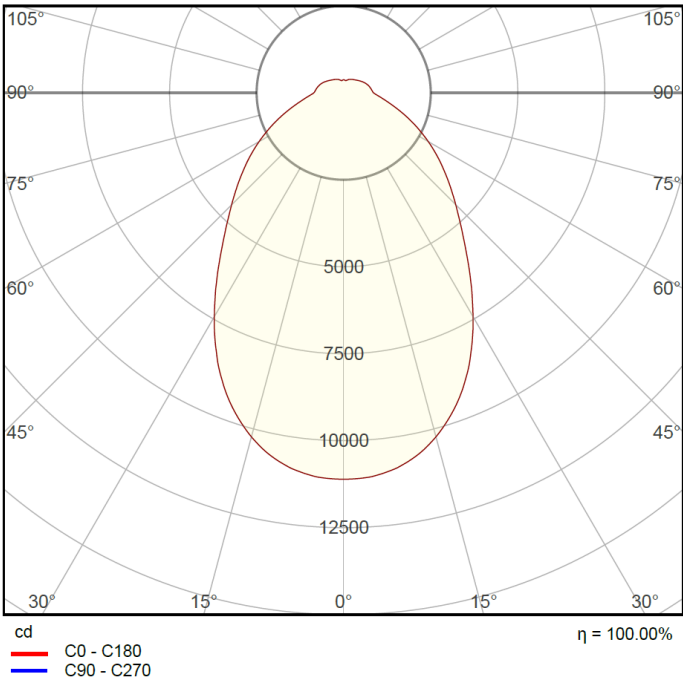
		Lumens @ CCT				
CRI	Power	2700K	3000K	3500K	4000K	5000K
80	125W	-	-	-	25,161	25,161
80	136W	-	-	-	27,137	27,137
80	150W	-	-	-	29,590	29,590

Electrical

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

	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

- Polar light distribution diagram @ 136W



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. LLLC of SimplySNAP Smart Lighting Solution (Product ID N63EGU8GE8Z)

6. Silvair (Product ID NSLVR23CNTRL)

7. Sharkward Bluetooth GEBC (Product ID NSHRKWR20ZP)

8. Casambi

9. Pogo Pin receptable for Synapse⁵, Silvair⁶, Sharkward Bluetooth⁷ wireless control modules

Applicable Regions

- IP65, IK08
- Europe
- Korea
- Australia

IP65 IK08 CB CE KC

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	
RH1	Round Highbay	FEU	CE, KC and SAA	125 136 150	125W 136W 150W	8	80 CRI	40 50	4000K 5000K	VS	120-277V

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 ⁵	0000	6.6ft (2m) Jack Chain	000	N/A	A0W3	6ft (1.8m) Power Cable Bare Wire Termination	FL	
						3V0	Silvair Bluetooth ⁶	H000	Hook with no suspension hardware			xxE4	Inline Connector Male		
						3BL	Bluetooth ⁷	A020	6.6ft (2m) Aircraft Cable						
						3CS	Casambi ⁸								
						300	Control Recepable for wireless dimming ⁹								

Power Cable Accessories

Product Code	Part Number	Cable Length	Termination 1	Termination 2
14015	CAB-VDExx-0457-WH-RxE4-WIRE	4.57m	Inline Connector Female	Bare Wire
14016	CAB-VDExx-0610-WH-RxE4-WIRE	6.10m	Inline Connector Female	Bare Wire
14019	CAB-VDExx-0100-WH-RxE4-WIRE	1m	Inline Connector Female	Bare Wire
14372	CAB-VDExx-0200-WH-RxE4-WIRE	2m	Inline Connector Female	Bare Wire
14017	CAB-VDExx-0457-WH-RxE4-X10A	4.57m	Inline Connector Female	Schneider Plug
14018	CAB-VDExx-0610-WH-RxE4-X10A	6.10m	Inline Connector Female	Schneider Plug