

WRRH1

Applications

The Harris WRRH1 provides uniform light distribution for high bay, low bay, area, site, canopy, and garage areas. Common applications are retail, commercial and industrial applications. The WRRH1 delivers energy savings over traditional HID and fluorescent fixtures.

Project Name:	
Catalog Number:	
Type:	
Note:	
Date:	



WRRH1A1UNVFD840BR



IP65 IP66



Construction & Design

- Heavy duty die-cast housing provides maximum heat dissipation
- Bronze color is standard
- Die cast hook and SE cable comes standard, providing the contractors with ease of installation
- 6' whip comes standard for power connection on this fixture

Electrical

- Available in 120v-277v
- Factory wired for Full Dimming (1-10v)
- 10kV/5kA surge protection standard
- Power Factor >0.9*
- Total Harmonic Distortion < 20%*

*Note: Varies based on option

Control and Sensor Options

- Factory installed control and sensor options
- On Site Network Programming Controls
- Internet/Cloud Based Network Programming Controls

Lumen Maintenance

See Lumen Maintenance table on page 2

Fixture Certification & Listings

- cULus Listed
- UL Wet Listed
- IP66 Rated
- IP65 Rated with Sensor
- DesignLights Consortium® Standard qualified luminaire
- Visit the [DLC QPL](#) for listed models

Warranty

See Orion's [Product Limited Warranty](#) for more details and information

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Performance Information, 120v, 4000K, ≥ 80 CRI¹

Nominal Lumen Code	Actual Lumens	Wattage	LPW	Input Current
A1	13,173lm	100w	132	0.83A
B1	19,769lm	150w	132	1.25A

Lumen Maintenance²

Nominal Lumen Code	Nominal Lumens	Operating Temperature	Calculated Lumen Maintenance		
			L70	L80	L90
A1	13,000	25°C	238,000	149,000	71,000
		50°C	191,000	119,000	57,000
B1	19,000	25°C	238,000	149,000	71,000
		50°C	161,000	107,000	51,000

Physical Information

Diameter	Height	Weight ³
20.07"	7.87"	16.25lbs.-17.31 lbs.

Ambient Operating Temperatures

Nominal Lumen Code	Standard Range
All Lumen Packages	-40°C to 50°C [-40°F to 122°F]

Sensor Type	Operating Range
ENx	0°C to 50°C [32°F to 122°F]

Additional Specification Information

¹ Actual performance may vary by up to $\pm 10\%$ of values listed; facility factors and fixture options can affect performance values.

² Calculated hours based on TM-21 projections and components used at the time of testing. Warranty is not associated with Calculated Lumen Maintenance

³ Weight will vary based on option selection

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Ordering Information Example (NOTE: No dashes or spaces unless noted below)

WRRH1A1UNVFD840BR

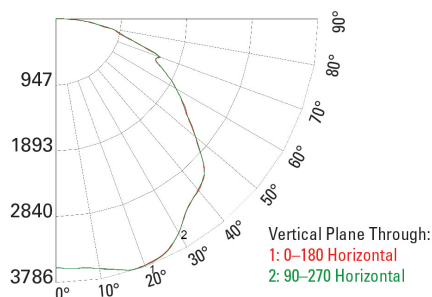
Ordering Information (Enter Selected Catalog Number Below)

Series	Nominal Lumen Code	Voltage	Driver Type	CRI; Color Temp	Color Options	Control Options
WRRH1= HARRIS LED Wet Rated Round High Bay, Gen 1	A1= 13,000lm B1= 19,000lm	UNV= 120v-277v	FD= Full Dimming	840= 80CRI; 4000K 850= 80CRI; 5000K	BR= Bronze	(Blank)= No Option EN2= Enlighted Connected Lighting Sensor: Network Lighting Control Component, PIR Occupancy Sensor, Daylight Harvesting, High End Trim, Dimming Modes, Luminaire Level Lighting Control, Wireless Zones, Modified IEEE 802.15.4.1, BLE Radio, Temperature Sensor, Scene Control, Demand Response, Data Collection, BMS Integration, Cloud Access EN3= Enlighted IoT: All Features of EN2 - PLUS access to Apps: Space Management, Asset Tracking, and Contact Tracing Apps

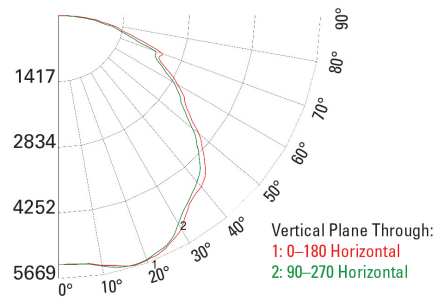
Photometrics

Visit orionlighting.com to obtain all .IES files

A1 840



B1 840



Additional Specification Information

⁴ For actual lumens, see performance table