

RSHB1

Applications

The TritonPro™ Round High Bay Selectable is a compact, rugged, environmentally sealed round high bay fixture, perfect for demanding industrial applications. Designed for optimal performance at various mounting heights and applications, this fixture features selectable lumen output and correlated color temperature (CCT), adapting effortlessly to diverse lighting needs.

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



IP65



Construction & Design

- Field Selectable between three CCT [3500K/4000K/5000K] and three lumen outputs
- Polycarbonate lens provides ideal distribution
- Die cast aluminum housing provides maximum heat dissipation
- Standard 80° beam angle lens to minimize glare while meeting DLC Premium - UGR limits
- >80 CRI
- 6' whip power supply comes standard [3 conductors]
- Eye bolt comes standard
- Available in white or black fixture color

Additional Options

- Tandem Mount Bracket option to meet higher lumen applications, up to 72,000 lumens
- Surface and suspended mounting options
- Field installed Battery Back Up available, Certified in CA Title 20
- Reflector and refractor available

Electrical

- Available in 120v-277v and 277v-480v
 - 6kV/3kA surge protection standard
 - Power Factor > .90*
 - Total Harmonic Distortion < 20%*
- *Note: Varies based on option

Control and Sensor Options

- Fixture comes sensor ready for field installed sensor options
- Remote Programming Sensors

Lumen Maintenance

See lumen maintenance table on page 2

Fixture Certifications & Listings

- [NSF/ANSI Standard 2](#)
- UL/cUL Listed
- UL Listed for Wet Locations
- IP65 Rated
- Impact Protection Rating IK08 Lens and Housing
- DesignLights Consortium™ premium qualified luminaire
- Visit the [DLC QPL](#) for listed classification

Warranty

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

Performance Information, 277v, ≥80 CRI¹

Nominal Lumen Code	Wattage	3500K		4000K		5000K		Input Current
		Lumens	LPW	Lumens	LPW	Lumens	LPW	
A1	97w	16,020lm	163	16,895lm	177	16,551lm	169	0.35A
	128w	19,650lm	151	21,239lm	170	20,372lm	158	0.46A
	154w	23,239lm	149	24,864lm	166	24,134lm	155	0.56A
B1	175w	28,179lm	159	30,044lm	175	29,036lm	165	0.63A
	206w	32,151lm	154	34,764lm	172	33,316lm	160	0.75A
	235w	35,544lm	149	38,565lm	168	36,861lm	154	0.85A

Lumen Maintenance²

Nominal Lumen Code	Operating Temperature	Calculated Lumen Maintenance		
		L70	L80	L90
A1	25°C	149,000	93,000	44,000
	50°C	138,000	86,000	40,000
B1	25°C	149,000	93,000	44,000
	50°C	133,000	83,000	39,000

Ambient Operating Temperatures

Nominal Lumen Code	Standard Operating Range	With Battery Back Up
All lumen packages	-40°C to 50°C [-40°F to 122°F]	5°C to 50°C [41°F to 122°F]

Sensor Type	Operating Range
EFS06R	0°C to 50°C [32°F to 122°F]
EFS07-AUX-HB40	0°C to 50°C [32°F to 122°F]
EFS106-AUX-HB40	0°C to 50°C [32°F to 122°F]

Additional Specification Information

¹ Actual performance may vary by up to ±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

Ordering Information Example (NOTE: No dashes or spaces unless noted below)
RSHB1A1UNVFD8CS06BLSP

Ordering Information [Enter Selected Catalog Number Below]

Series	Nominal Lumen Code ³	Voltage	Fixture Type	CRI; Color Temp	Power Connection	Fixture Color	Fixture Options	Packaging Option
Series	Nominal Lumen Code ^{3*}	Voltage	Fixture Type	CRI; Color Temp*	Power Connection	Fixture Color	Fixture Options	Packaging Option
RSHB1 = TritonPro Round High Bay Selectable, Gen 1	A1 = 16,000lm/ 20,000lm/ 24,000lm B1 = 28,000lm/ 32,000lm/ 36,000lm	UNV = 120v-277v HMV = 277v-480v	FD = Full Dimming	8CS = 80CRI; 3500K/ 4000K/ 5000K	[See below for part numbers and descriptions]	WH = White BL = Black	(Blank) = Sensor Ready Base [see field install accessories table for sensor options]	SP = Single Pack

*Note: All fixtures are set to max lumen and 5000K at the factory

Power Connection Ordering Information

Power Connection Options			
Build a cord below:			
Whip Length	Plug Option	Plug Amperage [Select Amperage only if plug is selected]	Voltage [Select Voltage only if plug is selected]
06 = 6' whip [Non-dimming 3 leads black fixture ships with black power cord and white fixtures ship with white power cord]	(Blank) = No plug	15 = 15 amps	1 = 120v
	TL = Twist-lock plug	20 = 20 amps	2 = 277v
	SB = Straight blade plug		4 = 480v

Standard [Factory Installed]



CCT/Lumen Selectable Switch



Eyebolt and 6' Whip

Additional Specification Information

³For actual lumens see performance table

Accessories (Field Installed)

Surface or Pendant Mounting Options	
RSHB-PM	Pendent Mount Hook, 3/4" Conduit
RSHB-UB-WH	U-Bracket Mount Kit Surface or Pendent Mount 1/2" Conduit, White
RSHB-UB-BL	U-Bracket Mount Kit Surface or Pendent Mount 1/2" Conduit, Black
Tandem Mounting Options	
RSHB-TM-WH	Tandem Mount Bracket for conduit, rigid, or suspended mounting (requires 2 fixtures to be purchased), White
RSHB-TM-BL	Tandem Mount Bracket for conduit, rigid, or suspended mounting (requires 2 fixtures to be purchased), Black
Battery Back Up Options ⁴	
RSHB-BB30	Battery Back Up Kit: RSHB, 120-277v, A1 only, provides 4,200lm, IP65
RSHB-BB40	Battery Back Up Kit: RSHB, 120-277v, A1 or B1, provides 5,600lm, IP65
Additional Fixture Options	
RSHB-PC	Polycarbonate Refractor
RSHB-AL	Aluminum Reflector

Remote Required for Commissioning	
RM51	Vealite Keilton Sensor IR Remote Controller (for ESF06R and EFS07-AUX-HB40 sensors)
Field Installed Sensor Options (Sensors are not NSF Certified)	
EFS06R⁵	Vealite Microwave Occupancy Sensor, Photosensor, High and Low End Trim 0-10V Dimming, IR Remote Programmable, 40' Mounting Height Max, IP 65
EFS07-AUX-HB40⁵	Vealite PIR Occupancy Sensor, Photosensor, High and Low End Trim 0-10V Dimming, IR Remote Programmable, 40' Mounting Height Max, IP 65
EFS106-AUX-HB40	Vealite Keilton Bluetooth Mesh: Wireless Fixture Controller, PIR Occupancy Sensor, HIGH/LOW/OFF, 0-10V Dimming, Daylight Harvesting, High End Trim, Luminaire Level Lighting Control, Wireless Zones, Time-of-Day Scheduling, Keilton Mobile App Programmable, 40' Mounting Height Max, IP 65
Note: For more information about these sensors, visit our Controls Landing Page	
Keilton Ecosystem Accessories	
All accessories can be commissioned and controlled via the Keilton app as they are part of the same ecosystem as the Bluetooth Keilton sensors. For more information on the Keilton Ecosystem, please visit this link .	
CR01-ETC	Real Time Clock USB Dongle (Keeps Keilton devices schedules in sync in case of power loss - 1 per zone)

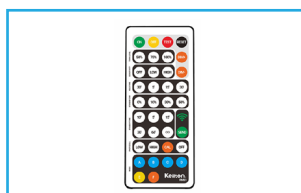
Accessories (Field Installed)



Vealite Sensor
(EFS06R)



Vealite Sensor
(EFS07-AUX-HB40 or
EFS106-AUX-HB40)



Handheld Sensor Remote
(RM51)



Polycarbonate Refractor
(RSHB-PC)



Aluminum Reflector
(RSHB-AL)



Remote Battery Back Up
(RSHB-BBxx)



Pendent Mount Hook
(RSHB-PM)



U Bracket
(RSHB-UB-xx)

Additional Specification Information

⁴ Battery back up not available with surface mount options.

⁵ Requires remote for commissioning and/or modifying settings. See accessories table

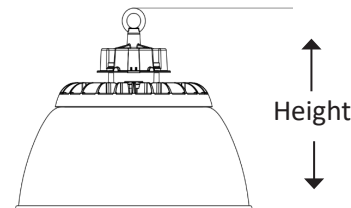
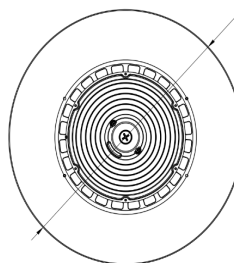
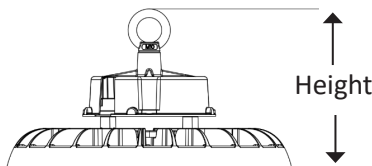
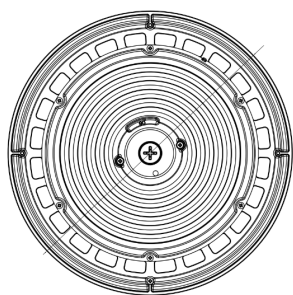
Physical Information

Fixture

Nominal Lumen Code	Diameter	Height	Weight ⁶
A1	10.90"	6.06"	5.50lbs.
B1	12.20"	6.50"	7.05lbs.

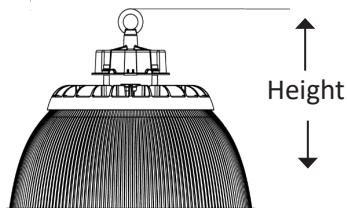
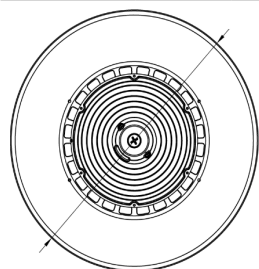
Fixture with Reflector

Nominal Lumen Code	Diameter	Height
A1	16.53"	12.60"
B1	16.53"	12.96"



Fixture with Refractor

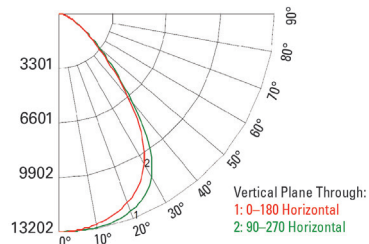
Nominal Lumen Code	Diameter	Height
A1	16.20"	12.36"
B1	16.20"	12.72"



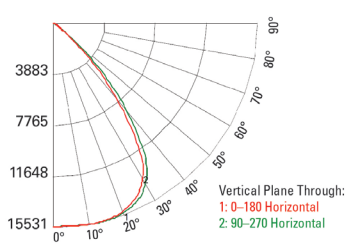
Photometrics

Visit orionlighting.com to obtain all .IES files

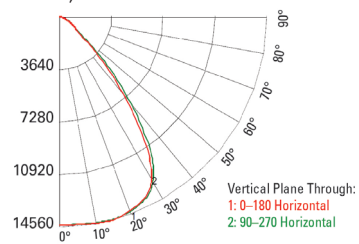
24,000lm 850 Standard



24,000lm 850 with Reflector



24,000lm 850 with Refractor



Additional Specification Information

⁶ Weight will vary based on option selection