



**ACCENDO**  
LIGHTING



## General Description:

The Accendo Lighting Round High Bay (RHB) luminaire is uniquely designed for versatility in a range of applications. With a variety of choices in lumen output and accessories, it easily adapts to retail, industrial, and manufacturing environments. Aside from its appealing construction, it also offers uniform light distribution, and increased energy savings.

Available in either black or white, it is an exceptionally impressive light at mounting heights ranging from 12' to 40', the Round High Bay delivers up to 30,000 lumens. Powered by the best in class LEDs and designed with advanced thermal management technology, it easily operates in the following temperatures: -40°C to +40°C (-40°F to +104°F).



## FEATURES

- Lumen packages ranging from 12000L to 30000L.
- Mounting height ranges from 12-40 feet depending on the lumen package and accessories.
- LED provides significant energy savings compared to HID, providing substantial electrical savings.

## CONTROLS

- On/off occupancy and programmable smart sensors options available.

## CONSTRUCTION

- Die-cast aluminum which provides excellent thermal management for rapid heat dissipation
- Black powder coat finish (standard) with white finish option available
- Clear tempered glass flat lens.
- Optional reflector, refractor, and wide bay lens accessories available.

## MOUNTING

- Standard 1/2" NPT pendant mount for 12000L-18000L and M10 pendant for 24000L-30000L models.
- Other mounting options include hook, trunnion, adjustable cable, 3/4" NPT pendant adapter and quick hang adaptor for existing eye bolts.

## ELECTRICAL

- Voltage: 120-277V or 347-480V AC input
- Driver: Class 2, constant current, calibrated to lumen package (0-10V dimming standard)
- Operating temperature: -40°C to +40°C (-40°F to +104°F) <sup>1</sup>

## WARRANTY

- Backed by Accendo's limited 5-year warranty.

## Ordering Information

Ordering Example: ALRHB-18000L-40K-DIM-OSN-XLS

	MODEL	CCT	Driver	Options	Series	
ALRHB	12000L	30K 3000K	DIM Dim 0-10V, 120-277V	S2N Smart Sensor, 8' H/48'D (No Reflector/Refractor or Widebay)	OSN Occupancy Sensor 25-40' H/20-60'D (No Reflector/Refractor or Widebay)	XLS
	18000L	35K 3500K		S2R Smart Sensor, 8' H/48'D (With Reflector/Refractor)	OSR Occupancy Sensor 25-40' H/20-60'D (With Reflector/Refractor)	
	24000L	40K 4000K	48D <sup>2,3</sup> Dim 0-10V, 347-480V	S2W Smart Sensor, 8' H/48'D (With Widebay)	OSW Occupancy Sensor 25-40' H/20-60'D (With Widebay)	
	30000L	50K 5000K		S3N Smart Sensor, 20' H/40'D (No Reflector/Refractor or Widebay)	EM <sup>2</sup> Emergency Battery Back-up	
				S3R Smart Sensor, 20' H/40'D (With Reflector/Refractor)	HK Hook	
				S3W Smart Sensor, 20' H/40'D (With Widebay)	TN Trunnion	
				S7N Smart Sensor, 40' H/100'D (No Reflector/Refractor or Widebay)	34 3/4" NPT Pendant Adapter	
				S7R Smart Sensor, 40' H/100'D (With Reflector/Refractor)	ACH Adjustable Cable Hanger Plate	
				S7W Smart Sensor, 40' H/100'D (With Widebay)	WG Wire Guard	
					WH White Finish	
				JBOX J-Box		
				XX 16/3 SOOW Black Cord, (XX=Length In Feet)		



1. Operating temperature for 12000L: max 45°C

2. 48D option is a rectangle driver.

3. 48D and EM comes standard with TN (Trunnion Mount) and J

BOX (J- Box) options.

## Dimensions:

### PHOTOMETRIC DATA

SIZE	MODEL	CCT	LENS / OPTICS	LUMENS	WATTAGE	EFFICACY
Standard	12000L	5000K	Standard	11459	90.0	127.0
			PCR	11127	90.0	124.0
			PFR	11040	90.0	123.0
			SAR	11040	90.0	116.0
			PCR + CL	10572	90.0	117.0
			PFR + CL	10565	90.0	117.0
			PCR + FL	10541	90.0	117.0
			PFR + FL	10784	90.0	120.0
Standard	18000L	5000K	WAC	9619	90.0	107.0
			Standard	17559	126.0	140.0
			PCR	17051	126.0	135.0
			PFR	16917	126.0	134.0
			SAR	16045	126.0	127.0
			PCR + CL	16200	126.0	128.0
			PFR + CL	16190	126.0	129.0
			PCR + FL	16153	126.0	128.0
Standard	24000L	5000K	PFR + FL	16525	126.0	131.0
			WAC	14012	126.0	111.0
			Standard	24213	184.0	132.0
			PCR	23512	184.0	128.0
			PFR	23328	184.0	127.0
			SAR	22125	184.0	120.0
			PCR + CL	22339	184.0	121.0
			PFR + CL	22325	184.0	121.0
Standard	30000L	5000K	PCR + FL	22274	184.0	121.0
			PFR + FL	22787	184.0	124.0
			WAC	19370	184.0	105.0
			Standard	29264	237.0	124.0
			PCR	28417	237.0	120.0
			PFR	28194	237.0	119.0
			SAR	26741	237.0	113.0
			PCR + CL	26999	237.0	114.0
			PFR + CL	26982	237.0	114.0
			PCR + FL	26921	237.0	114.0
			PFR + FL	27541	237.0	116.0
			WAC	23411	237.0	99.0

LUMEN MULTIPLIER VS CCT

CCT	MULTIPLIER
3000K	0.978
3500K	0.983
4000K	0.982
5000K	1.0

### WEIGHT

12000L = 15.5 L B  
18000L = 16.5 L B  
24000L = 18 L B  
30000L = 18 L B

