

Date:	Project:	Type:	Notes:	Catalog #:
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## RHB-AOK SERIES Adjustable Output LED Round High Bay

The RHB-AOK round LED high bay delivers bright light and energy savings. Made with a durable die cast aluminum housing and polycarbonate lens that provides uniform, glare-free light distribution. It's compact design with single point mounting allows for easy installation.



### Features & Specifications

#### Applications

Ideal for use in warehouses, distribution centers, retail, gymnasiums, commercial and industrial applications.

#### Construction

Housing made of die-cast aluminum and is finished with a post-production baked powder coat. Polycarbonate lens.

#### Mounting

J- Hook included for suspension mount. Chain and cable mount ready. Surface mount available. Cord and plug options offered.

#### Electrical

Utilizes high-efficiency LED power supply and circuit boards. 120-277V & 0-10V dimming standard. 480V option. 50/60HZ input frequency.

#### Operating Temperature

Suitable for -40°C – 50°C ambient without sensor and -30°C – 50°C ambient with sensor.

#### Lumen Maintenance

L70 rating of 54,000 hours

#### Warranty

Five-year warranty. Terms and Conditions Apply. See warranty documentation for more information.

#### Certification

UL Wet Listed. Adheres to LM79, LM80 and TM21 industry standards. DesignLights Consortium® (DLC) pending. RoHS Compliant. IP65



### Performance Data

FSC Part #	Form Factor	Rated Wattage	Kelvin Temp	Delivered Lumens	Efficacy	CRI
RHB-29L-AOK	Round	100	3500	13742	137	>82
		100	4000	14830	148	>82
		100	5000	13995	139	>82
		150	3500	20094	134	>82
		150	4000	21708	144	>82
		150	5000	20342	135	>82
		200	3500	26990	135	>82
		200	4000	28802	144	>82
		200	5000	27432	137	>82

Catalog Ordering

Sample Part # RHB-29L-AOK-AC-EMX30

RHB								
1	2	3	4	5	5	6	6	6
1 - Series	2 - Lumens	3 - Type		4 - Lens		5 - Color		
<b>RBH</b>	<b>29L</b> - (100 Watt) (150 Watt) (200 Watt)	<b>AOK</b> (Adjustable Output and Kelvin Temp 35K, 40K & 50K)		<b>Blank (No Lens)</b> <b>AL</b> (Aluminum Diffuser) <b>AC</b> (Acrylic Diffuser) <b>AD</b> (Acrylic Diffuser w/ Lens) <b>WG</b> (Wireguard) <b>WGA</b> (Wireguard for Acrylic Diffuser)		<b>Blank</b> (Black) <b>WH</b> (White) <sup>2</sup>		
6 - Mounting	7 - Controls			8 - Options				
<b>Blank</b> (J-Hook) <b>UB</b> (U-Bracket)	<b>PRGOS-R</b> (Programmable PIR Occupancy Sensor w/ Dimming Photocell)			<b>EMX30W</b> (30W External Mounted, Title 20, Emergency Battery Back-Up, ~4,000 lumens) <sup>3</sup> <b>EMX40W</b> (40W External Mounted, Title 20, Emergency Battery Back-Up, ~5,300 lumens) <sup>3</sup> <b>PLG</b> (6' SJT Cord & Plug) <b>C6</b> (6' Cord) <b>L7/15P</b> (277VT Twist-lock Plug) <b>480</b> (480VT)				

Accessories



Acrylic Diffuser



Aluminum Diffuser



Wireguard



Lens

Notes

1 Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/](http://www.designlights.org/) to confirm which versions are qualified.  
2 Special order. MOQ 100 pieces. Contact factory.  
3 Lumens will change based on fixture selection. Consult with factory for additional options.

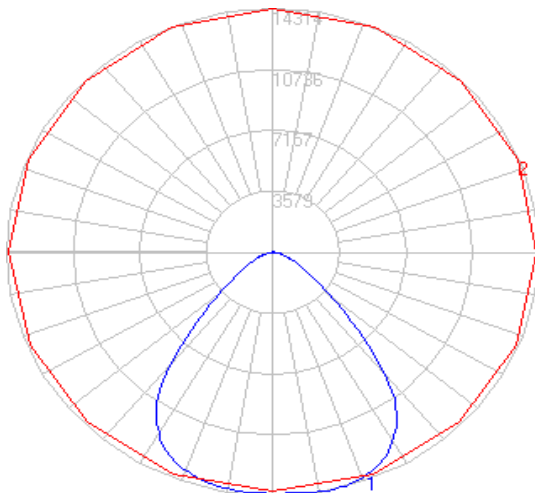
## Photometric Data

RHB-29L-AOK-35K Tested in accordance to IESNA LM-79

### Zonal Lumen Summary

Zone	Lumens	%Luminaire
0-10	1356.97	5.02%
10-20	3990.68	14.78%
20-30	6122.35	22.68%
30-40	6741.29	24.97%
40-50	4578.23	16.96%
50-60	2369.98	8.78%
60-70	1153.42	4.27%
70-80	485.41	1.79%
80-90	93.30	1.29%
90-100	7.87	0.34%
100-110	8.08	0.02%
110-120	8.64	0.03%
120-130	11.19	0.04%
130-140	14.61	0.05%
140-150	17.40	0.05%
150-160	16.11	0.05%
160-170	11.25	0.04%
170-180	4.01	0.01%

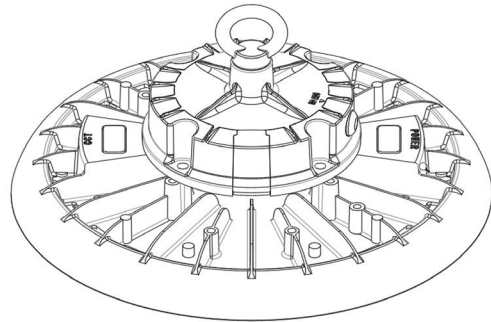
### Polar Graph



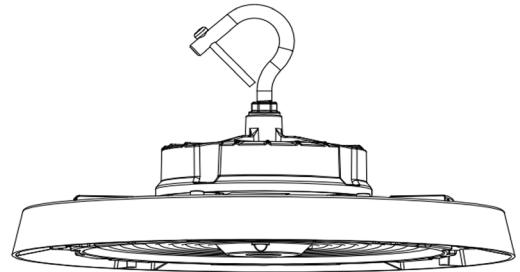
## Physical Characteristics

### Dimensions

Version	Depth	Diameter	Weight
RHB-29L-AOK w/ J-Hook	5.7"	13.4"	7lbs
RHB-29L-AOK w/ U-Bracket	6.6"	13.4"	8.5lbs



### J-Hook



### U-Bracket

