

# C-HB-A-RD-7L/13L/20L/30L Series

LED Round High-Bay/Low-Bay

Replaces 100W to 400W PSMH



## LIGHT-WEIGHT DESIGN & HIGH EFFICIENCY

With up to 60% energy saving over traditional sources, the C-HB-RD delivers up to 130 LPW and replaces up to 400W PSMH. Featuring clean lines and a low profile form factor, the C-HB-RD is an affordable solution suitable for retail, warehouse, commercial and other light industrial spaces.



Shown fully assembled with Prismatic Reflector

## PRODUCT SPECIFICATIONS

### OVERVIEW

- Initial Delivered Lumens: 7,600, 13,000, 19,600, 30,000
- CRI:  $\geq 80$
- CCT: Neutral White 4000K, Cool White 5000K
- Mounting: Hook and cord or pendant (with adaptor accessory)
- Input Power: 60-232 Watts
- Dimmable: 0-10V Dimming to 10%
- Operating Range:  $-30^{\circ}\text{C}$  ( $-22^{\circ}\text{F}$ ) to  $50^{\circ}\text{C}$  ( $131^{\circ}\text{F}$ )
- Lifespan: Estimated 50,000 Hours
- Power Factor:  $> 0.9$
- Total Harmonic Distortion:  $< 20\%$
- Limited Warranty: 5 Years\*
- Replaces Up to 400W PSMH

EFFICIENT	EASY INSTALL	RECOMMENDED USE	INPUT VOLTAGE	SURGE PROTECTION
<ul style="list-style-type: none"> <li>• Up to 60% energy savings over non-led sources</li> <li>• Heat dissipating fins keep LEDs running cooler, longer</li> </ul>	<ul style="list-style-type: none"> <li>• Familiar form factor for seamless install</li> <li>• Multiple mounting options available to meet your needs</li> </ul>	<ul style="list-style-type: none"> <li>• Warehouses</li> <li>• Retail</li> <li>• Light Industrial</li> <li>• Manufacturing</li> </ul>	<ul style="list-style-type: none"> <li>• UL: 120-277V</li> <li>• UH: 347-480V</li> </ul>	<ul style="list-style-type: none"> <li>• UL: 4kV</li> <li>• UH: 6kV</li> </ul>

## ORDERING INFORMATION

Example: C-HB-A-RD-7L-40K-UL-WH

C-HB	A	RD				WH
PRODUCT	SERIES	STYLE	LUMEN PACKAGE	CCT	VOLTAGE	COLOR
C-HB C-Lite High Bay	A	RD Round	<b>7L</b> 7,600 Lumens, 60W <b>13L</b> 13,000 Lumens, 100W <b>20L</b> 19,600 Lumens, 148W <b>30L</b> 30,000 Lumens, 232W	<b>40K</b> Neutral White (4000K) <b>50K</b> Cool White (5000K)	<b>UL</b> Universal 120V-277V <b>UH</b> 347V-480V	WH White

### CERTIFICATIONS:

US: [c-lite.com](http://c-lite.com) T (800) 236-6800

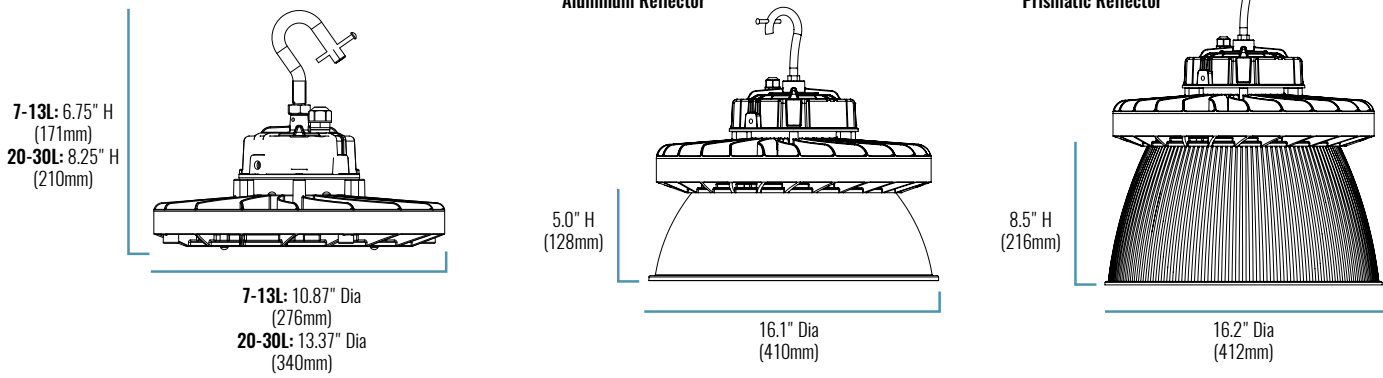
Canada: [creelighting-canada.com](http://creelighting-canada.com) T (800) 473-1234

Rev. Date: V2.R2 06/19/2019

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# C-HB-A-RD-7L/13L/20L/30L Series



## SERIES OVERVIEW

DIMENSIONS	PRODUCT WEIGHT	MOUNTING HEIGHT
7-13L 6.75" (171mm) H x 10.87" (276mm) Diameter 20-30L 8.25" (210mm) H x 13.37" (340mm) Diameter	6.5lbs 10.47 lbs	10 to 30 feet

## FIXTURE SPECIFICATIONS

<b>HOUSING</b>	Durable aluminum extruded heat sink & die-cast housing White polyester powder-coat finish
<b>REFLECTORS/OPTIONS</b>	See page 3
<b>MOUNTING</b>	Hook and 6ft cord with dimming leads

## ELECTRICAL PERFORMANCE

LUMEN PACKAGE	CCT	INITIAL DELIVERED LUMENS	TRADITIONAL REPLACEMENTS	SYSTEM WATTS	EFFICACY	TOTAL CURRENT (A)					
						120V	208V	240V	277V	347V	480V
7L	4000K/5000K	7,600	150W PSMH/ 175W MH	60W	127LPW	0.50	0.29	0.25	0.22	0.17	0.12
13L	4000K/5000K	13,000	250W PSMH	100W	130LPW	0.83	0.48	0.42	0.36	0.29	0.21
20L	4000K/5000K	19,600	320W PSMH	148W	132LPW	1.23	0.71	0.62	0.53	0.43	0.31
30L	4000K/5000K	30,000	400W PSMH	232W	129LPW	1.93	1.12	0.97	0.84	0.67	0.48

## PRODUCT INFORMATION

ORDERING NUMBER	DESCRIPTION	UPC	QPL REFERENCE I.D.
C-HB-A-RD-7L-40K-UL-WH	7,600 Lumen, Round, 60W, 4000K, 80 CRI, White, Hook & 6' cord with dimming leads	849665031260	PLEDFLBEBXZF
C-HB-A-RD-7L-50K-UL-WH	7,600 Lumen, Round, 60W, 5000K, 80 CRI, White, Hook & 6' cord with dimming leads	849665031277	PL1LB077DY06
C-HB-A-RD-13L-40K-UL-WH	13,000 Lumen, Round, 100W, 4000K, 80 CRI, White, Hook & 6' cord with dimming leads	849665031284	PLWLG8356IP
C-HB-A-RD-13L-50K-UL-WH	13,000 Lumen, Round, 100W, 5000K, 80 CRI, White, Hook & 6' cord with dimming leads	849665031291	PL8MBV3HAVQ1
C-HB-A-RD-20L-40K-UL-WH	19,600 Lumen, Round, 148W, 4000K, 80 CRI, White, Hook & 6' cord with dimming leads	849665031307	PLRHGKZEW612
C-HB-A-RD-20L-50K-UL-WH	19,600 Lumen, Round, 148W, 5000K, 80 CRI, White, Hook & 6' cord with dimming leads	849665031314	PLQ8Z18IYY82
C-HB-A-RD-30L-40K-UL-WH	30,000 Lumen, Round, 232W, 4000K, 80 CRI, White, Hook & 6' cord with dimming leads	849665031321	PLWB3T5I6UJ3
C-HB-A-RD-30L-50K-UL-WH	30,000 Lumen, Round, 232W, 5000K, 80 CRI, White, Hook & 6' cord with dimming leads	849665031338	PL12B4IUMK7G

# C-HB-A-RD-7L/13L/20L/30L Series

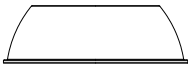
## PRODUCT INFORMATION - CONTINUED

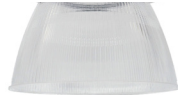
ORDERING NUMBER	DESCRIPTION	UPC	QPL REFERENCE I.D.
C-HB-A-RD-7L-40K-UH-WH	7,600 Lumen, Round, 60W, 4000K, 80 CRI, White, Hook & 6' cord with dimming leads	849665033745	PLUB1FWRSTSC
C-HB-A-RD-7L-50K-UH-WH	7,600 Lumen, Round, 60W, 5000K, 80 CRI, White, Hook & 6' cord with dimming leads	849665033752	PLKVGZJ7AT36
C-HB-A-RD-13L-40K-UH-WH	13,000 Lumen, Round, 100W, 4000K, 80 CRI, White, Hook & 6' cord with dimming leads	849665033769	PLSD4G3LBJB2
C-HB-A-RD-13L-50K-UH-WH	13,000 Lumen, Round, 100W, 5000K, 80 CRI, White, Hook & 6' cord with dimming leads	849665033776	PL7ZAMK5TH2Y
C-HB-A-RD-20L-40K-UH-WH	19,600 Lumen, Round, 148W, 4000K, 80 CRI, White, Hook & 6' cord with dimming leads	849665033783	PLHPMNI853KP
C-HB-A-RD-20L-50K-UH-WH	19,600 Lumen, Round, 148W, 5000K, 80 CRI, White, Hook & 6' cord with dimming leads	849665033790	PLV83DRHLTSY
C-HB-A-RD-30L-40K-UH-WH	30,000 Lumen, Round, 232W, 4000K, 80 CRI, White, Hook & 6' cord with dimming leads	849665033806	PLF6KMYD57FQ
C-HB-A-RD-30L-50K-UH-WH	30,000 Lumen, Round, 232W, 5000K, 80 CRI, White, Hook & 6' cord with dimming leads	849665033813	PLOS88ASLAXS

## WARRANTY AND CERTIFICATIONS

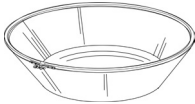
WARRANTY	UL LISTED	DLC	SURGE PROTECTION
5 Year Limited*	Damp Locations. Designed for indoor use only.	DLC Premium Qualified Please refer to <a href="http://www.designlights.org/QPL">www.designlights.org/QPL</a> for most current information	UL Voltage: 4kV UH Voltage: 6kV

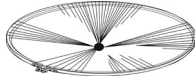
## REFLECTOR OPTIONS

	<b>LED ROUND HIGH BAY WHITE ALUMINUM REFLECTOR</b>
	SKU: <b>C-HB-A-RD-HBAR</b>

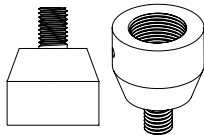
	<b>LED ROUND HIGH BAY CLEAR PRISMATIC REFLECTOR</b>
	SKU: <b>C-HB-A-RD-HBPR</b> <b>Note:</b> Prismatic reflectors not intended for use in environments where any concentrations of industrial cutting fluids are used

## LENS OPTIONS

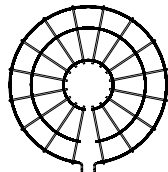
	<b>LED ROUND HIGH BAY CLEAR PRISMATIC DROP LENS</b>
	SKU: <b>C-HB-A-RD-HBDL</b> <b>Note:</b> Prismatic lenses not intended for use in environments where any concentrations of industrial cutting fluids are used

	<b>LED ROUND HIGH BAY CLEAR PRISMATIC CONICAL LENS</b>
	SKU: <b>C-HB-A-RD-HBCL</b> <b>Note:</b> Prismatic lenses not intended for use in environments where any concentrations of industrial cutting fluids are used

## MOUNTING OPTIONS

	<b>LED ROUND HIGH BAY PENDANT MOUNT ACCESSORY WHITE</b>
	SKU: <b>C-HB-A-RD-HBPM-WH</b> <b>Note:</b> Accommodates 3/4 inch threaded conduit

## ACCESSORIES

	<b>LED ROUND HIGH BAY WIRE GUARD ACCESSORY</b>
	SKU: <b>C-HB-A-RD-HBWG</b>

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