

C-HB-B-RD Series

Round LED UFO High Bay Light

Replaces up to 400W PSMH

C-LITE
LED LIGHTING

THE HIGH BAY MADE FOR YOU

Our cETLus Listed Round LED UFO High Bay Light delivers up to 140 lumens per watt and features an integrated hook for easy mounting. Sold separately, accessories include a plug-and-play motion sensor with a remote to control your settings. It comes with high voltage (347-480V) for more demanding applications.



PRODUCT SPECIFICATIONS

OVERVIEW

- Max. Delivered Lumens: 21,000 **(20L)**; 27,000 **(27L)**; 33,600 **(33L)**
- CRI: ≥ 80
- CCT: 4000K; 5000K **(20L, 27L)**
- Input Power: 150W **(20L)**; 200W **(27L)**; 240W **(33L)**
- Dimmable: Non-dimmable
- Operating Temperature Range: -4°F to 122°F (-20°C to 50°C)
- Estimated L₇₀ Lifetime @ 25°C (77°F): >75,000 hours
- Power Factor: >.9 at full load
- Total Harmonic Distortion: <20% at full load
- Limited Warranty: 1-Year*
- Replaces: 320W PSMH **(20L)**; 400W PSMH **(27L, 33L)**

FEATURES	RECOMMENDED USE	INPUT VOLTAGE
<ul style="list-style-type: none">• 140 LPW• Wide variety of accessories sold separately — including a plug-and-play motion sensor with a remote to control the settings• IP65 rated• FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions	<ul style="list-style-type: none">• Auto Dealerships• Commercial• Gymnasium• Industrial• Manufacturing• Storage Facilities• Warehouses	<ul style="list-style-type: none">• UH: High voltage (347-480V)

CERTIFICATIONS:

 **CA RESIDENTS WARNING:** Cancer and Reproductive Harm – www.p65warnings.ca.gov



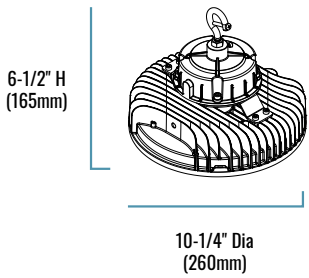
C-HB-B-RD Series

ORDERING INFORMATION

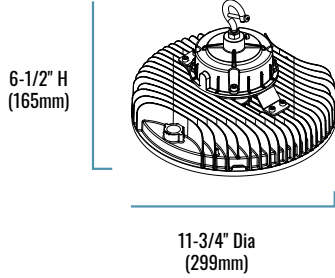
Example SKU: C-HB-B-RD-20L-40K-UH-WH

C-HB	B	RD			UH	WH
PRODUCT	SERIES	STYLE	LUMEN PACKAGE	CCT	VOLTAGE	COLOR
C-HB High Bay	B	RD Round	20L 21,000 Lumens 27L 27,000 Lumens 33L 33,600 Lumens	40K Neutral White (4000K) 50K Cool White (5000K) - Available only with 20L & 27L	UH High 347-480V	WH White

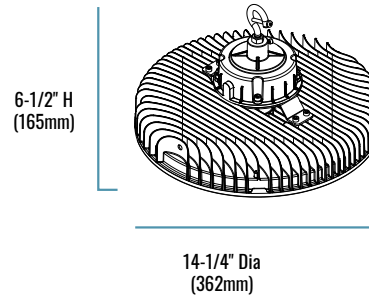
C-HB-B-RD-20L



C-HB-B-RD-27L



C-HB-B-RD-33L



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SERIES OVERVIEW

DIMENSIONS	PRODUCT WEIGHT	MOUNTING HEIGHT	SPACING
(20L) 10-1/4" (260mm) Dia x 6-1/2" (165mm) H (27L) 11-3/4" (299mm) Dia x 6-1/2" (165mm) H (33L) 14-1/4" (362mm) Dia x 6-1/2" (165mm) H	(20L) 6.45 lbs. (27L) 7.72 lbs. (33L) 9.92 lbs.	(20L) 15 - 25 feet (27L) 20 - 30 feet (33L) > 30 feet	1 to 1-1/2 times the mounting height

FIXTURE SPECIFICATIONS

HOUSING	Die-cast aluminum with a durable, white powder-coat finish
LENS ASSEMBLY	Clear polycarbonate
MOUNTING	Integrated hook, pendant mounting option available; included 6-foot power cord
ELECTRICAL	6 ft power cord, no dimming cord

LUMINAIRE AND ELECTRICAL PERFORMANCE

OPERATING TEMPERATURE RANGE	ESTIMATED L ₇₀ LIFETIME @ 25°C (77°F)	POWER FACTOR	TOTAL HARMONIC DISTORTION
-4°F to 122°F (-20°C to 50°C)	>75,000 hours	>.9 at full load	<20% at full load

SERIES	REPLACES	LUMEN OUTPUT	SYSTEM WATTS	CURRENT DRAW (AMPS)	
				347V	480V
C-HB-B-RD-20L-UH	320W PSMH	21,000	150W	0.48	0.35
C-HB-B-RD-27L-UH	400W PSMH	27,000	200W	0.64	0.46
C-HB-B-RD-33L-UH		33,600	240W	0.77	0.56

WARRANTY AND CERTIFICATIONS

WARRANTY	cETLus LISTED	DLC
As of 5/20/26, this is a clearance product and has a 1-year limited warranty. See https://www.creelighting.com/resources/warranties/ for warranty terms*	Wet Listed	Premium

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ACCESSORIES

	<p>ALUMINUM REFLECTOR SMALL</p> <p>SKU: C-HB-B-ACC-AR-SM USE: Aluminum reflector for the 14L and 20L C-HB-B-RD Series.</p>		<p>WIRE GUARD SMALL</p> <p>SKU: C-HB-B-ACC-WG-SM USE: Wire guard for the 14 C-HB-B-RD Series. Additional reflector is required.</p>
	<p>PRISMATIC REFLECTOR SMALL</p> <p>SKU: C-HB-B-ACC-PR-SM USE: Clear prismatic polycarbonate reflector for the 14L and 20L C-HB-B-RD Series.</p>		<p>WIRE GUARD LARGE</p> <p>SKU: C-HB-B-ACC-WG-LG USE: Wire guard for the 27L and 33L C-HB-B-RD Series. Additional reflector is required.</p>
	<p>PRISMATIC REFLECTOR LARGE</p> <p>SKU: C-HB-B-ACC-PR-LG USE: Clear prismatic polycarbonate reflector for the 27L and 33L C-HB-B-RD Series.</p>		<p>MOTION SENSOR</p> <p>SKU: C-HB-B-ACC-MS-UL USE: Plug-and-play microwave motion sensor for C-HB-B-RD Series. Additional remote required for programming sensor settings.</p>
	<p>DROP LENS SMALL</p> <p>SKU: C-HB-B-ACC-DL-SM USE: Clear prismatic polycarbonate drop lens for the 14L and 20L C-HB-B-RD Series. Additional reflector is required.</p>		<p>MOTION SENSOR REMOTE</p> <p>SKU: C-HB-B-ACC-MS-REMOTE USE: Remote for programming plug-and-play motion sensor. Remote can control multiple fixture sensors. For use with C-HB-B-RD Series.</p>
	<p>CONICAL LENS SMALL</p> <p>SKU: C-HB-B-ACC-CL-SM USE: Clear prismatic polycarbonate conical lens for the 14L and 20L C-HB-B-RD Series. Additional reflector is required.</p>		<p>PENDANT MOUNT BLACK</p> <p>SKU: C-HB-B-ACC-PM-BK USE: Pendant mount adapter for C-HB-B-RD Series, 3/4" threaded NPT for conduit pendant mounting, black.</p>
	<p>DROP LENS LARGE</p> <p>SKU: C-HB-B-ACC-DL-LG USE: Clear prismatic polycarbonate drop lens for the 27L and 33L C-HB-B-RD Series. Additional reflector is required.</p>		
	<p>CONICAL LENS LARGE</p> <p>SKU: C-HB-B-ACC-CL-LG USE: Clear prismatic polycarbonate conical lens for the 27L and 33L C-HB-B-RD Series. Additional reflector is required.</p>		

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