

# HBLC

HEAVY INDUSTRIAL BRIDGE CRANE LIGHT

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_

TYPE: \_\_\_\_\_ PROJECT: \_\_\_\_\_

CATALOG #: \_\_\_\_\_

## FEATURES

- The HBLC LED High Bay is specifically designed to be used on heavy industrial bridge cranes while utilizing AC or DC input voltage
- High performance LED design delivering up to 100 lumens per watt
- UL Sanitation Certified per NSF Standards
- Ambient Temperature range from -40°C to 60°C
- Narrow distribution



## RELATED PRODUCTS

- Ø [UTB2](#)    Ø [HBL](#)    Ø [CRN](#)



See Certification Specifications

## SPECIFICATIONS

### CONSTRUCTION

- Direct electrical connection to crane with 250V DC or 120–277V AC and built in surge protection
- LED count is 72 and is driven at 700 mA
- Fixture weight: 29 lbs. Shipped weight: 33 lbs.
- Vibration tested at 3G in 3 Axis for 100,000 cycles
- Special heavy duty latch

### OPTICS

- Custom engineered LED optics provide evenly distributed light for bridge crane operators and others working under the crane for increased visibility and safety
- Sealed optic for long life and durability
- 70 CRI
- 5000K Color Temperature

### ELECTRICAL

- High output LEDs
- 60,000 hours, long life at L70

### CERTIFICATIONS

- CSA tested to UL 1598A Wet Location
- This product qualifies as a “designated country construction material” per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 06/01/2020. [See Buy American Solutions](#)

### WARRANTY

- 5 year warranty when used on supply AC power; 1 year warranty when used on supply DC power
- See [HLI Standard Warranty](#) for additional information

KEY DATA	
Lumens	16808
Wattage	169
Efficacy (LPW)	99
Reported Life (Hours)	60,000/L70

**ORDERING GUIDE**

Example: HBLC-72L-U-Y-2-N-GR-WG-R12

CATALOG #

<b>HBLC</b>	<b>72</b>	<b>U</b>	<b>Y</b>	<b>2</b>	<b>72</b>	<b>GR</b>	<b>WG</b>	<b>R12</b>
<b>Model</b>	<b># of LEDs</b>	<b>Voltage</b>	<b>Mount</b>	<b>Hub</b>	<b>Distribution</b>	<b>Color</b>	<b>Option</b>	<b>Option</b>
HBLC Series	72L 72 High Performance LEDs	U 120-277V	Y Yoke	2 3/4"	N Narrow	GR Gray	WG Wire Guard	R12 Top Luminaire Retainer 12'

**Accessories (Order Separately)**

- HBLC-C10P3** 10' Cord and 250V Plug
- HBLC-TLR10** Top Luminaire Retainer 10'

Note: Standard fixture includes WG and R12. Consult factory for other options.

**PRODUCT EXCEPTIONS & DETAILS**

Circuit Loading Informations	
120-277V AC	170-390V DC
1.50 amps @ 120V 60 Hz	1.10 amps @ 170 VDC
0.75 amps @ 240V 60 Hz	0.80 amps @ 250 VDC
0.65 amps @ 277V 60 Hz	0.50 amps @ 390 VDC
Power factor greater than 0.90	Power Factor N/A on DC

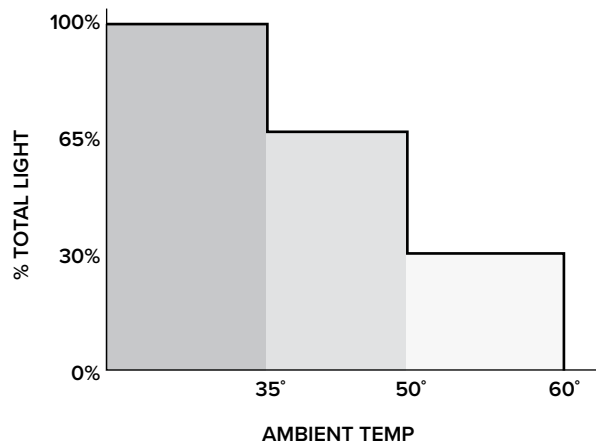
**DELIVERED LUMENS**

Fixture	Number of LEDs	Color Temp	Input Watts	Total Lumens	Lumens Per Watt	CRI
HBLC-72L-U-Y-2-N-GR-WG-R12	72	5000K	169	16808	99	68

**ADDITIONAL INFORMATION**

**CRANE LIGHT THERMAL PROTECTION**

- Full Light Output up to 35°C
- 65% Light Output 35°C - 50°C
- 30% Light Output 50°C - 60°C



**DIMENSIONS**

