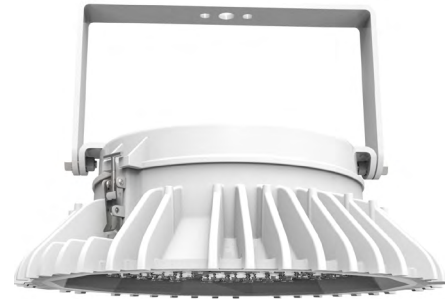


HBLH Flood

HEAVY INDUSTRIAL HAZARDOUS LOCATION FLOOD LIGHT

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

tradeSELECT[®]



FEATURES

- Designed to efficiently light classified areas in heavy industrial settings and warehouses
- High performance LED design delivering up to 101 lumens per watt
- UL Sanitation Certified per NSF Standards
- Ambient Temperature range from -40°C to 55°C
- Three distinct distributions: aisle, narrow and wide



SPECIFICATIONS

CONSTRUCTION

- LED count ranges from 72 to 60 to 48 and all three LED counts are driven at 700 mA
- Fixture weight: 29 lbs. Shipped weight: 33 lbs.
- Not to be aimed greater than 40° above horizontal

OPTICS

- Custom engineered LED optics
- 2700–5000K Color temperature (see ordering logic for details)
- 68 CRI for 5000°K color, all others are 80 CRI

ELECTRICAL

- High output LEDs
- 60,000 hours, long life at L70
- Circuit Loading Information
- 1.50 amps @ 120v 60 Hz
- 0.75 amps @ 240v 60 Hz
- 0.65 amps @ 277v 60 Hz
- Power factor greater than 0.90
- Standard 0–10V dimmable drivers
- FCC 47CFR Part 15 Class B Compliant
- 48 LED units @ -40°C TO 55°C
- 60 LED units @ -40°C TO 50°C
- 72 LED units @ -40°C TO 45°C

CONTROLS

- Dimming control sensor for occupancy and ambient light level detection

CERTIFICATIONS

- CSA Listed to UL844
- CSA Listed to UL 1598 Wet Location
- Wet Location listed up to 90 degrees
- Damp location listed at greater than 90 degrees mounting angle
- Class I, Division 2, Groups A, B, C & D
- IP66 with factory installed ENCG option
- 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.

WARRANTY

- 5 year warranty

KEY DATA	
Lumen Range	10213–16808
Wattage Range	112–169
Efficacy Range (LPW)	91–101
Reported Life (Hours)	60,000/L70

HBLH Flood

HEAVY INDUSTRIAL HAZARDOUS LOCATION FLOOD LIGHT

DATE:	LOCATION:
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ORDERING GUIDE

Example: HBLH-72L-U-Y-2-5K-N-070-TN

CATALOG #	
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HBLH		U		Y	2			070	
Model	# of LEDs	Voltage		Mount	Hub	Color Temp ¹	Distribution	Drive Current	Dimming
HBLH Hazardous LED High Bay	48L 48 High Performance LEDs	U 120-277V		Y Yoke	2 3/4"	27K 2700K 3K 3000K 35K 3500K 4K 4000K 5K 5000K	N Narrow W Wide A Aisle	070 700 mA	CD Continuous Dimming ND Non Dimming
	60L 60 High Performance LEDs								
	72L 72 High Performance LEDs								

WH	
Colors	Options
WH White	ENCA Acrylic Protective Lens ENCG Glass Protective Lens WG Bottom Wire Guard SL Sag Lens, Clear IP66 Requires Glass Bottom Lens

Notes:

1 See Color Temp De-Rating factors table on pg.2

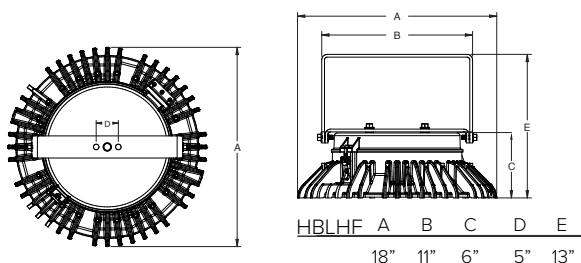
DELIVERED LUMENS

Fixture	Number of LEDs	Color Temp	Input Watts	Total Lumens	Lumens Per Watt	Class I, Div 2	Ambient Temp
HBLH-48LU-5K-N-070-WH	48	5000K	112	11206	100	T5	55°C
HBLH-48LU-5K-W-070-WH				10778	96		
HBLH-48LU-5K-A-070-WH				10213	91		
HBLH-60LU-5K-N-070-WH	60		139	14007	101		50°C
HBLH-60LU-5K-W-070-WH				13472	97		
HBLH-60LU-5K-A-070-WH				12776	92		
HBLH-72LU-5K-N-070-WH	72		169	16808	99	T5	45°C
HBLH-72LU-5K-W-070-WH				16166	96		
HBLH-72LU-5K-A-070-WH				15319	91		

COLOR TEMPERATURE DE-RATING FACTORS

Number of LEDs	5000K	CRI	4000K	CRI	3500K	CRI	3000K	CRI	2700K	CRI
48	1	68	0.74	80	0.77	80	0.74	80	0.72	80
60										
72										

DIMENSIONS



HBLH Flood

HEAVY INDUSTRIAL HAZARDOUS LOCATION FLOOD LIGHT

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PHOTOMETRY

HBL-72LU-5K-N-070-WH

LUMINAIRE DATA

Test No.	5056_2
Description	HBL Severe Location, Highbay 18" diameter LED with custom engineered TIR optics
Delivered Lumens	14,063
Watts	162.00
Efficacy	87
Mounting	Specialty
Spacing Criterion	0° = 0.96 90° = .096

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	7098	50.5
0-40	10751	76.4
0-60	13,876	98.7
0-90	14,061	100.0
0-180	14,063	100.0

POLAR GRAPH

