

DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

FEATURES

- The HBLHO LED High Bay is designed to efficiently light any large interior space such as heavy industrial settings, warehouses, gyms, churches, swimming pools/natatorium and shopping malls.
- Well sealed design works well for food processing applications.
- High performance LED design delivering up to 100 lumens per watt
- UL Sanitation Certified per NSF Standards
- Ambient operating temperature range of -40°C to 45°C
- Three distinct distributions: aisle, narrow and wide



SPECIFICATIONS

CONSTRUCTION

- LED count is 72 driven at 920 mA
- Input watts: 213
- Fixture weight: 29 lbs. Shipped weight: 33 lbs.

OPTICS

- Custom engineered LED optics providing optimally controlled and evenly distributed light
- Sealed optic for long life and durability
- 2700–5000K Color Temperature (see ordering logic for more information)
- 68 CRI on 5000K and 80 CRI on 27K, 3K, 35K and 4K options

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
- 72 LED units @ 40°C

CONTROLS

- Dimming control sensor for occupancy and ambient light level detection

CERTIFICATIONS

- CSA tested to UL 1598 Wet Location, IP56
- UL Sanitation listed for food processing
- 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	15,358–21,010
Wattage Range	213
Efficacy Range (LPW)	72–98
Reported Life (Hours)	60,000/L70

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ORDERING GUIDE

Example: HBLHO-72LU-A2-5K-N-ND-WH

CATALOG #

HBLHO	72					092		
Model	# of LEDs	Voltage ¹	Mount	Hub	Color Temp ⁶	Distribution	Drive Current	Dimming
HBLHO Severe Location High Bay	72L 72 High Performance LEDs	U 120-277V 1 120V 2 208V 3 240V 4 277V 5 480V ²	A Pendant C Cone S Straight stanchion X Ceiling Y Yoke	2 ¾" ³ 3 1" ⁴ 4 1½" ⁵ 5 1½" ⁵	27K 2700K 3K 3000K 35K 3500K 4K 4000K 5K 5000K	N Narrow W Wide A Aisle	092 920 mA	CD Continuous Dimming ND Non Dimming

Colors	Options
BL Black	F(x) Fusing (replace "x" with voltage) ⁷
GR Gray	ENCA Frosted Acrylic Protective Lens
WH White	ENCG Glass Protective Lens
	OCS360 Occupancy Detector 360° Pattern ^{1,8}
	OCSA Occupancy Detector Aisle Pattern ^{1,8}
	WG Bottom Wire Guard ⁹
	WIH Wireless Control System ¹⁰
	SL Sag Lens, Translucent white
	FP UL Sanitation for Food Processing

Accessories (Order Separately)	
<input type="checkbox"/> HOOK/LOOP	Fixture Mounting Hook
<input type="checkbox"/> BLA-C4HLPX	Cord and Plug Set
<input type="checkbox"/> LG250	Dual-Lite 250 VA LiteGear® Emergency Lighting Inverter

Notes:

- 1 Voltage must be specified for Fusing and Occupancy Sensor compatibility
- 2 480V only available with separate step-down transformer
- 3 Available with A, C, X and Y Mount
- 4 Available with A, C, X Mount
- 5 Available with S Mount
- 6 See Color Temp De-Rating factors table on pg.3
- 7 F(X) Fixture fuse. Replace X with voltage:
1 = 120V, 2 = 208V, 3 = 240V, 4 = 277V
- 8 OCS unavailable with SL, ENCA or ENCG. OCS and WIH options can not be specified together
- 9 Wire Guard and SL Lens cannot be used together
- 10 WIH only available with 120V or 277V

ORDERING INFORMATION

Factory installed; order with fixture by adding suffix.

CORD, HOOK/LOOP	
-C4HL	4' Cord, Hook/Loop
-C6HL	6' Cord, Hook/Loop
-C8HL	8' Cord, Hook/Loop
-C10HL	10' Cord, Hook/Loop
-C12HL	12' Cord, Hook/Loop

CORD, HOOK/LOOP & 20A PLUG						
Length x =	120V	208V	240V	277V		
-C4HLP (X)	4'	1	2	3	4	
-C6HLP (X)	6'	1	2	3	4	
-C8HLP (X)	8'	1	2	3	4	
-C10HLP (X)	10'	1	2	3	4	
-C12HLP (X)	12'	1	2	3	4	

CORD, HOOK/LOOP & 15A PLUG						
Length x =	120V	208V	240V	277V		
-C4HLP(X)-15a	4'	1	2	3	4	
-C6HLP(X)-15a	6'	1	2	3	4	
-C8HLP(X)-15a	8'	1	2	3	4	
-C10HLP(X)-15a	10'	1	2	3	4	
-C12HLP(X)-15a	12'	1	2	3	4	

NOTE: 1. Plugs are Twist-Lock® type as manufactured by Hubbell Wiring Devices
2. -A (Pendants) and -C (Cone) mount only with option 2 Hubb (¾")

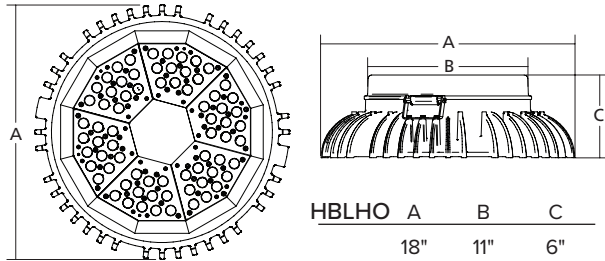
MOUNTING ACCESSORIES	
Order separately. Plugs are Twist-Lock® type as manufactured by Hubbell Wiring Devices.	
BLA-C4HLP-1	4' Cord, Hook/Loop and 120V 20A Twist-Lock® Plug
BLA-C4HLP-4	4' Cord, Hook/Loop and 277V 20A Twist-Lock® Plug
BLA-C4HLP1-15A	4' Cord, Hook/Loop and 120V 15A Twist-Lock® Plug
BLA-C4HLP4-15A	4' Cord, Hook/Loop and 277V 15A Twist-Lock® Plug
HOOK/LOOP ¹	Hook - cast aluminum ¾" NPS male; includes safety screw; converts to Loop with strap included
¹ Cord, Hook/Loop and Plug must be added to fixture as option. Example: -C2HLP4. NOTE: Cord used with above accessories is 16/3 SOWA 105°C NEMA configurations.	

WARNING: Improper selection, installation, operation, servicing, removal, and disposal of lighting products may create serious hazards including fires, explosions, shock, burns, cuts, impaired vision, falling objects and environmental contamination. Reduce risks by using luminaire retainers/safety cables of equipment, the guidance of licensed professionals throughout the product life cycle and following individual product, component, and accessory safety instructions and labels. We offer this in the interest of safety for our customers, who may not be aware of the potentially high risk involved in the misuse of these products.

COLOR TEMPERATURE DE-RATING FACTORS

Color Temp	72 LEDs		
	Narrow	Aisle	Wide
5000K	21010	19149	20208
4000K	17439	15894	16773
3500K	17229	15703	16570
3000K	16598	15128	15964
2700K	15968	14553	15358

DIMENSIONS



PHOTOMETRY

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

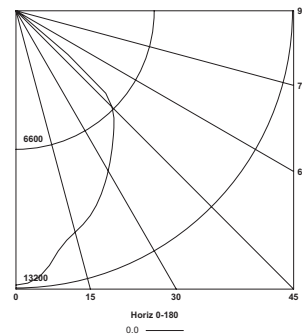
LUMINAIRE DATA

Test No.	9277
Description	HBLHO High Output Severe Location, Highbay 18" diameter LED with custom engineered TIR optics
Delivered Lumens	19223
Watts	213.80
Efficacy	90
Mounting	Specialty
Spacing Criterion	0° = 1.02 90° = 1.02

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	8703	45.3
0-40	13722	71.4
0-60	19014	98.9
0-90	19223	100.0
0-180	19223	100.0

POLAR GRAPH



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ADDITIONAL INFORMATION

MOUNTING OPTIONS



347V / 480V MOUNTING — Consult factory for availability

