

Catalog Number
Notes
Type

FEATURES & SPECIFICATIONS

INTENDED USE — The JHBL is constructed to withstand moisture, dust, and chemical contact. Common applications for JHBL include demanding environments such as manufacturing, foundries, natatoriums, gymnasiums, packaging, and cold storage. Ideal one-for-one replacement of conventional HID and fluorescent high bay systems.

CONSTRUCTION — Rugged die-cast aluminum housing designed for heat dissipation and corrosion resistance. Housing utilizes die cut rubber gasketing. Wire guard attachment points are precast in optical housing. Housing and optics maintain IP65 rating with all internal components including optional integrated sensor.

OPTICS — One piece precision molded .375" thick borosilicate glass that is silicone rubber gasketed.

ELECTRICAL — Utilizes 90°C case temperature, Non-class 2 drivers standard for maximum life at high temperatures. Less than 10% THD and PF >90. 10kA/10kV level of surge protection is standard. Multiple voltages available including HVOLT. Lumen maintenance is 90% at 60,000 hours. L70 greater than 100,000 hours. 0-10V dimming standard for a dimming range of 100% to 10% - dimming source current is 150 microA.

INSTALLATION — 3/4 inch NPS threaded hub standard that is suitable for pendant, hook or loop mounting with appropriate mounting accessories. See accessories for available options.

LISTINGS — CSA certified to US and Canadian safety standards. Wet location listed. IP65 rated. Suitable for use in ambient temperatures from -40°F (-40°C) to 131°F (55°C). High ambient (HA option) of 65°C available for MVOLT only. Patent pending. Covered ceiling not required to maintain wet location listing or IP ratings. DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

WARRANTY — 5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

LED IP Rated High Bay

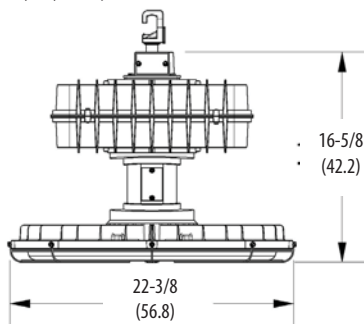
JHBL

12,000, 18,000, 24,000, 36,000 or 48,000 Lumens



DIMENSIONS

All dimensions are in inches (centimeters) unless otherwise indicated.
Dimensions may vary with options or accessories.

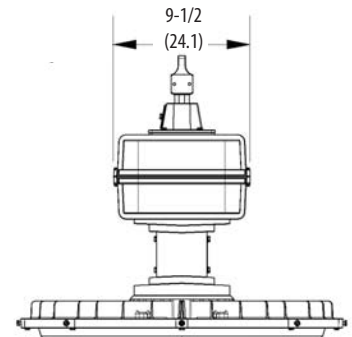


24000LM and under

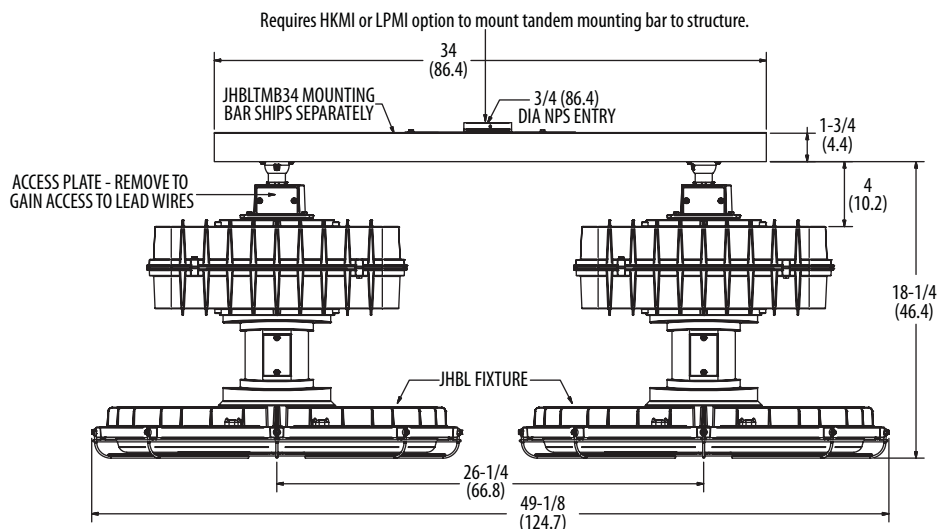
Typical weight:

A cartoned luminaire weighs 50 lbs.;
unboxed it weighs 43 lbs.

Shown with HKM(G) mounting accessory.
See accessory options on page 2.



24000LM and under



TOTAL ASSEMBLY WEIGHT IS APPROXIMATELY 100 POUNDS
DEPENDING ON FIXTURE OPTIONS

36,000LM or 48,000LM

JHBL LED IP Rated High Bay

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: JHBL 18000LM GL WD MVOLT GZ10 50K 70CRI CS89 DWH

JHBL		GL				GZ10		
Series	Lumens	Lens	Distribution	Voltage	Driver	Color temperature	Color rendering index	
JHBL	12000LM 12,000 lumens 18000LM 18,000 lumens 24000LM 24,000 lumens 36000LM 36,000 lumens ¹ 48000LM 48,000 lumens ¹	GL Glass	WD Wide ND Narrow	120 120V 277 277V 347 347V ² 480 480V ²	GZ10 0-10V dimming	40K 4000 K 50K 5000 K	70CRI 70 CRI 80CRI 80 CRI	

Options						Color ¹²	
SF	Single fusing ^{3,4}	Controls: ¹⁰				DWH	White
DF	Double fusing ^{3,5}	MSE6NWL	Embedded high mount 360° motion sensor, wet location, On/Off operation ^{3,6}			DNA	Natural aluminum
BSL722	Bodine® emergency LED battery pack for 0°C and up ^{3,6,7}	MSE62L3VWL	Embedded high mount 360° motion sensor, wet location, High/Low/Off operation (3-level) ^{3,6}			DWHG	Textured white
WGX	Standard wire guard, installed	MSE6NWL DSCNWL	Embedded high mount 360° motion sensor, wet location, On/Off operation from motion sensing, Override Off due to daylight ^{3,6}			DNAT	Textured natural aluminum
HA	65°C ambient operation ⁸					<u>Super durable finishes</u>	
Cord sets:		MSE10NWL	Embedded low mount 360° motion sensor, wet location, On/Off operation ^{3,6}			DWHXD	White
CS88	6' Brad Harrison 16/3 cord and straight blade plug set, wet location ³	MSE102L3VWL	Embedded low mount 360° motion sensor, wet location, High/Low/Off operation (3-level) ^{3,6}			DNAXD	Natural aluminum
CS88L12	12' Brad Harrison 16/3 cord and straight blade plug set, wet location ³	MSE10NWL DSCNWL	Embedded low mount 360° motion sensor, wet location, On/Off operation from motion sensing, Override Off due to daylight ^{3,6}			DWHGXD	Textured white
CS89	6' white cord, 16/3, no plug, wet location	MSE6XAWL	XPoint™ wireless high mount 360° motion sensor embedded, on/off, wet location ^{3,6,11}			DNATXD	Textured natural aluminum
CS89L12	12' white cord, 16/3, no plug, wet location						
HC3PC3RWT	Wet location, hook, 3' cord, plug and receptacle ^{3,9}	MSE10XAWL	XPoint™ wireless low mount 360° motion sensor embedded, on/off, wet location ^{3,6,11}				
		XAD	XPoint™ wireless 0-10V relay ^{3,11}				

Options (Fixtures utilizing the below options will bear a damp location label.)					
DL	Damp location ¹³	LCPP	Loop, cord, non-NEMA 14A twist-lock plug ^{3,15,16}		
HCX	Hook, cord, no plug ^{14,15}	HOCs	Hook, 5' RELOC® OCS ^{3,15}		
HCXP	Hook, cord, 15A NEMA twist-lock plug ^{3,14,15}	LOCs	Loop, 5' RELOC® OCS ^{3,15}		
LCXP	Loop, cord, 15A NEMA twist-lock plug ^{3,14,15}	OCS	5' RELOC® OCS ³		

Accessories: Order as separate catalog number.					
<u>Wet location</u>			<u>Damp location</u>		
WGJHBL	Wire guard		HKM	Aluminum fixture hook male ¹⁵	
HKMG	Grommited aluminum fixture hook male ¹⁵		LPM	Aluminum fixture loop male ¹⁵	
LPMG	Grommited aluminum fixture loop male ¹⁵		TPH	Through-wire power hook ^{15,17}	
			PPH	Pendant power hook ^{15,17}	
			JHBLTMB34	34" tandem mounting bar (standard white) ¹⁸	

Notes

- Ships as two fixtures that are mounted with a twin mounting bar. Not recommended for wet locations. Requires (1) HKMI or (1) LPMI to mount tandem bar to structure.
- Not available with HA option or X-Point wireless.
- Must specify voltage.
- Available with 120, 277 or 347V.
- Available with 208, 240 or 480V.
- Not available with HA option.
- Factory installed only. Must specify voltage. Not available with 347V, 480V, MVOLT, HVOLT or HA option. For use in ambient temperatures up to 40°C. Emergency IES files available on www.lithonia.com.
- Not available with controls, battery packs, HVOLT, 347V, 480V or XPoint.
- Total cord length 6' (3' on plug side and 3' on receptacle side). Other lengths available in odd increments. Ex: 5', 7', 9', etc.

- For use in ambient temperatures up to 50° C.
- Not available with 347V, 480V or HVOLT.
- Lithonia standard and architectural colors also available. Consult sales representative.
- Required for fixtures utilizing damp location options. Ex: HKM, LPM, etc.
- X denotes length of cord. Cords are available in odd increments. Ex: 3', 5', 7', etc.
- Not available with 36000 and 48000 lumen packages or JHBLTMB34.
- Requires TPH or PPH accessory.
- Fixture must have LCPP option.
- Not recommended for wet locations. Requires (1) HKMI or (1) LPMI to mount tandem bar to structure.



OPERATIONAL DATA

Lumen package	Ambient rating (120V - 277V)	Ambient rating (347V / 480V)	Distribution	Delivered lumens 4000 K CCT, 70CRI	Delivered lumens 5000 K CCT, 70CRI	Delivered lumens 4000 K CCT, 80CRI	Delivered lumens 5000 K CCT, 80CRI
12000LM	-40°F to 149°F (-40°C to 65°C)	-40°F to 131°F (-40°C to 55°C)	ND	12,305	12,165	10,572	11,353
			WD	12,729	12,585	10,937	11,745
18000LM	-40°F to 149°F (-40°C to 65°C)	-40°F to 131°F (-40°C to 55°C)	ND	17,662	17,462	15,175	16,296
			WD	17,464	17,265	15,005	16,113
24000LM	-40°F to 149°F (-40°C to 65°C)	-40°F to 131°F (-40°C to 55°C)	ND	22,823	22,564	19,609	21,058
			WD	22,929	22,668	19,700	21,155
36000LM	-40°F to 149°F (-40°C to 65°C)	-40°F to 131°F (-40°C to 55°C)	ND	35,324	34,923	30,350	32,592
			WD	34,927	34,531	30,009	32,226
48000LM	-40°F to 149°F (-40°C to 65°C)	-40°F to 131°F (-40°C to 55°C)	ND	45,647	45,129	39,219	42,116
			WD	45,857	45,337	39,400	42,310

CHARACTERISTICS

Lumen package	Wattages				Weight	Comparable light source
	120V	277V	347V	480V		
12000LM	120.0	118.8	121.0	120.3	43 lbs (19.5 kg)	4-lamp T8, 250W HID
18000LM	185.0	183.1	186.6	185.4	43 lbs (19.5 kg)	4-lamp T5HO, 6-lamp T8, 320W HID
24000LM	238.0	235.6	240.1	238.5	43 lbs (19.5 kg)	6-lamp T5HO, 8-lamp T8, 400W HID
36000LM ¹	370.0	366.2	373.2	370.8	86 lbs (39 kg)	10-lamp T5HO, 750W HID
48000LM ¹	476.0	471.1	480.1	477.0	86 lbs (39 kg)	12-lamp T5HO, 1000W HID

Notes

¹ Ships as two fixtures that are mounted with a twin mounting bar.

PROJECTED LUMEN MAINTENANCE

Operating hours	0	10,000	20,000	25,000	35,000	50,000	60,000	100,000
Lumen maintenance factor	1	0.96	0.94	0.93	0.92	0.91	0.90	0.86

PHOTOMETRICS

See www.lithonia.com.

JHBL LED IP Rated High Bay

SBGR – EMBEDDED Motion Sensor (see www.sensorswitch.com for additional information)

- 360° coverage
- On/Off dim
- Photocell optional
- IP66 rated
- Photocell and 0-10VDC dimming options.
- Maximum ambient temperature 50°C

Lithonia nomenclature	Sensor Switch® nomenclature
For shortest lead times use one of the following SBGR configurations.	
MSE6NWL	SBGR 6 WH
MSE62L3VWL	SBGR 6 D WH 3V
MSE6NWL DSCNWL	SBGR 6 P WH
MSE10NWL	SBGR 10 WH
MSE102L3VWL	SBGR 10 D WH 3V
MSE10NWL DSCNWL	SBGR 10 P WH



MOTION SENSOR

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: MSE6NWL

Series		Lens option		Dimming		Environmental factors		Time delay	
MSE	Passive infrared embedded occupancy sensor	6	High mount, 360°	N	On/off	WL	Wet location	(blank)	10 minutes
		10	Low mount, 360°	2LXX	Bi level range ¹			5M	5 minutes
				XA	XPoint™ wireless signal to external system			15M	15 minutes

Notes

¹ XX denotes "Low" level on 0-10V output.

PHOTOCELL

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: DSCNWL

Series		Dimming		Environmental factors	
DSC	Closed loop (see external and fixture light)	N	On/off	WL	Wet location
		CXX	Continuous dimming and override off ¹		
		XA	XPoint™ wireless signal to external system		

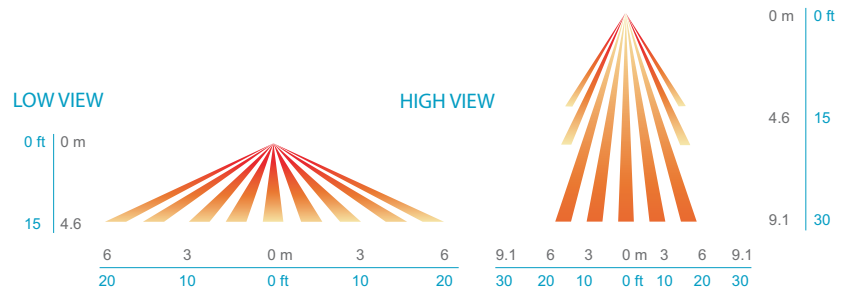
Notes

¹ Available with low mount only.

COVERAGE PATTERNS

SITE & AREA LIGHTING / HIGH MOUNT APPLICATIONS

The **SBGR 6 ODP** is intended for higher applications, between 15-30 ft, and provides a coverage area radius for walking motion of 15-20 ft.



Coverage Pattern of High Mount Lens Option (SBGR 6 ODP)