LITHONIA LIGHTING®

LED Damp Rated High Bay

JCBL

9000, 12000, 15000, 18000, 24000, 30000 or 36000 lumens

FEATURES & SPECIFICATIONS

INTENDED USE — The Lithonia Lighting JCBL LED Highbay is the affordable LED solution for users who prefer a luminaire with the look and feel of a round form factor. The JCBL is highly configurable and delivers comfortable and uniform lighting from mounting heights up to 30ft. Gymnasiums, warehouses, packaging facilities and other industrial applications all benefit from JCBL's highly efficient design that saves over traditional sources. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate. Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.**

CONSTRUCTION — JCBL features an aluminum heat sink to maximize heat dissipation and extend the life of the luminaire by maximizing contact with the LEDs. A glass optical enclosure (IP65 rated) protects the LEDS from dust and other air contaminants. Reflector options including aluminum, prismatic acrylic and polycarbonate ship together and easily mount to the heatsink for quick installation.

OPTICS — Reflector and lens options provide maximum versatility and uniformity. Conical, flat or acrylic drop lenses offer enhanced aesthetics, minimize glare at lower mounting heights when paired with acrylic reflectors.

ELECTRICAL — Utilizes 90°C case temperature for maximum life at high temperatures. Less than 20% THD and PF >90. Standard 6kV/3kA(120-277), 10kV/5kA(347/480) surge protection, tested in accordance to IEEE/ANSI standards. Input voltages include 120-277, 347/480 without the use of a step down transformer. 0-10V dimming standard for a dimming range of 100% to 10%. Suitable for 50/60Hz.

WIRELESS NETWORKING — XPoint™ Wireless technology creates a mesh network to ensure communication between fixtures, sensors and wall stations facility-wide. This option provides superior lighting management capabilities including granular control, configuration and custom grouping for increased energy savings.

Integrated Sensor (nLight Wired Networking): This sensor is nLight-enabled, meaning it has the ability to communicate over an nLight network. When wired, using CAT-5 cabling, with other nLight-enabled sensors, power packs, or WallPods, an nLight control zone is created. Once linked to a Gateway, directly or via a Bridge, the zone becomes capable of remote status monitoring and control via SensorView software.

Integrated Smart Sensor (nLight AIR Wireless Platform): The rES7 sensor is nLight AIR enabled, meaning it has the ability to communicate over the wireless nLight control platform. It is available with an automatic dimming photocell, and either a digital PIR or dual technology occupancy sensor. It pairs to other luminairs and wall switches through our mobile app, CLAIRITY PRO, which allows for simple sensor adjustment.

INSTALLATION — Mounting options include steel hook & cord or 3/4" NPT threaded hub to accommodate stem or cast hook options.

LISTINGS — UL1598/C SA C22 .2 250, Damp location listed. Suitable for use in ambient temperatures from -40°C up to 55°C .

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/QPL 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.

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency

- This luminaire is part of an A+ Certified solution for nLight® or XPoint™ Wireless control networks marked by a shaded background*

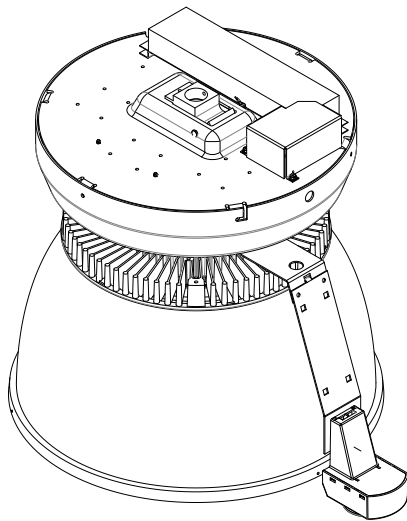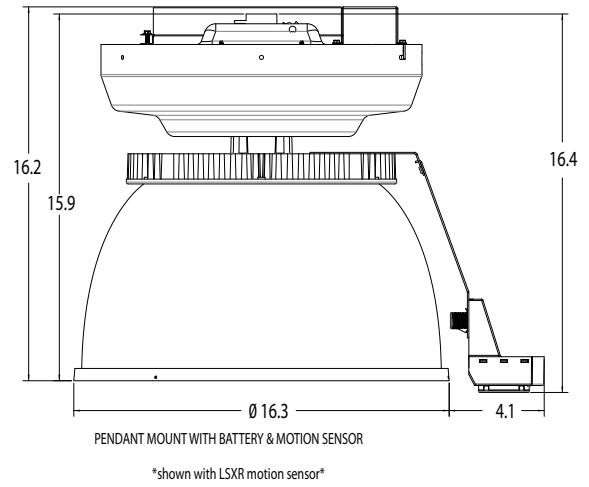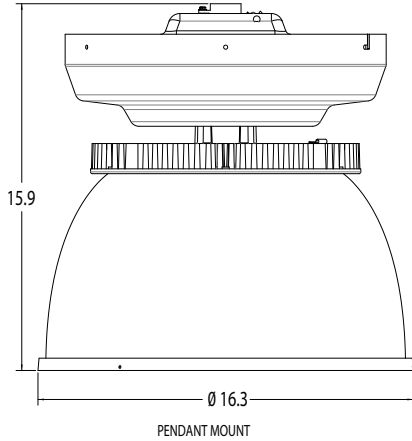To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

DIMENSIONS

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

Typical weight:
A cartoned luminaire weighs 23 lbs.;
unboxed it weighs 16 lbs.

15.9

Ø 16.3

PENDANT MOUNT

16.2

15.9

16.4

Ø 16.3

4.1

PENDANT MOUNT WITH BATTERY & MOTION SENSOR

shown with LSXR motion sensor

*shown with optional cast hook

JCBL   LED Damp Rated High Bay

A+ Capable options indicated by this color background.

JCBL					GZ10			
Series	**Lumens**	**Reflector[1]**	**Lens[1,2]**	**Voltage**	**Driver**	**Color temperature**	**Color rendering index**	**Mounting Configurations**
JCBL	9000LM — 9,000 lumens	DALR — Diffuse aluminum	(blank) — Open bottom	MVOLT — 120-277V	GZ10 — 0-10V dimming	30K — 3000 K	70CRI — 70 CRI	PM — Pendant mount
	12000LM — 12,000 lumens	SALR — Specular aluminum	**For use with aluminum reflectors**	HVOLT — 347/480V		35K — 3500 K	80CRI — 80 CRI	SC6 — Steel hook & 6' cord
	15000LM — 15,000 lumens	ACFR — Frosted acrylic	ALDRP — Drop prismatic	120 — 120V		40K — 4000 K	90CRI — 90 CRI	SC6P — 6' cord with male steel hook and NEMA twist lock plug (not available with battery packs) [3,4]
	18000LM — 18,000 lumens	ACCR — Clear acrylic	ALCON — Conical	208 — 208V		50K — 5000 K		
	24000LM — 24,000 lumens	PLCR — Clear polycarbonate	ALFGL — Flat prismatic	240 — 240V				SC6PN — Steel hook with 6' straight blade cordset [3,5]
	30000LM — 30,000 lumens		**For use with acrylic and polycarbonate reflectors**	277 — 277V				
	36000LM — 36,000 lumens		ACRDRP — Drop prismatic	347 — 347V				
			ACRCON — Conical	480 — 480V				
			ACRFGL — Flat prismatic					

Options

					Super Durable Finishes
C6W	6' cord, white	E10WCP	EM Self-diagnostics battery pack, 10W, Constant Power CEC compliant [3,7]	NPP16D — nLight® switching/dimming module [3,11]	DWHXD — White
C6WPN	6' cord, white with straight blade plug (not available with battery packs) [3,5]			NPP16DER — nLight® switching/dimming module with emergency relay [3,11]	DNAXD — Natural aluminum
HC6W	6' cord, white with male cast hook , no plug (only available with pendant mount)	BGTD	Generator transfer device (120 or 277 only) [4]	MSI6XADL DSCXADL — 360° XPoint™ wireless motion sensor with photocell [3,12]	DWHGXD — Textured white
HC6WP	6' cord, white with male cast hook and NEMA twist lock plug (not available with battery packs) [3,4]	HK455	Safety hook, male, cast aluminum, factory installed [8]	MSI10XADL DSCXADL — 60° XPoint™ wireless motion sensor with photocell [3,12]	DNATXD — Textured natural aluminum
		WG	Wire guard for open bottom reflectors (ships separately)	NLTAIR2 RK0A — nLight AIR Generation 2 enabled 360°high mount motion sensor	
HC6WPN	6' cord, white with male cast hook and straight blade cord (not available with battery packs) [3,4,5]	FWG	Full wire guard (ships separately)	NLTAIR2 RK0B — nLight AIR Generation 2 enabled 360° low mount motion sensor	
		LCOZU	Aisle motion sensor, pre-wired [3,9]	NLTAIR2 rPP20D — nLight AIR Generation 2 dimming and switching module [13]	
HC6WP20	6' cord, white with male cast hook and 20 amp plug (not available with battery packs) [3]	LCHOSZU	Aisle motion sensor, pre-wired; programmable dimming [3,9]	NLTAIR2 rPP20DER — nLight AIR Generation 2 dimming and switching module with emergency relay (not available with battery pack or BGTD) [13]	
CS6G16WST0W5D	6' white cord, 16/5, no plug, includes low voltage dimming wires	LCPZU	Aisle motion sensor with photocell; pre wired [3,9]		
		LAOZU	360° motion sensor, pre-wired [3,9]	XAD — Integral factory installed XPoint™ wireless 0-10V dimming relay [3,12]	
HOCS	Hook, 5' RELOC® OCS [4,5] (only available with pendant mount)	LAHOSZU	360° motion sensor, pre-wired; programmable dimming [3,9]	XAD924 — Integral factory installed XPoint™ wireless, 0-10V dimming with Emergency relay [3,12]	
OCS	5' RELOC® OCS [4,6]	LAPZU	360° motion sensor with photocell, pre-wired [3,9]	LSXBTP — 360° Low Mount Occ Sensor, pre-wired; Bluetooth®	
		AO	Adjustable output [10]	LSXBTP HL — 360° Low Mount Occ Sensor w/HL Default, pre-wired; Bluetooth®	
				LSXBTP ADC — 360° Low Mount Occ Sensor w/ADC Default, pre-wired; Bluetooth®	
				LSXBTP ANL — 360° Low Mount Occ Sensor w/ANL Default, pre-wired; Bluetooth®	

Accessories: *Order as separate catalog number.*

HK-455	Safety hook, male, cast aluminum	JCBLSPM12	Swivel stem kit, 12", silver finish
JCBLHKF	Hook, female	JCBLSPM24	Swivel stem kit, 24", silver finish
JCBLPH XXX	Power hook [4]	JCBLSPM36	Swivel stem kit, 36", silver finish
JCBLSC120	Safety cable 120"	WGJCBL	Wire guard for use with open bottom reflectors
JCBLSC240	Safety cable 240"	FWGJCBL	Full wire guard
		PS1055CP	FMC Emergency battery pack, 15W, CEC compliant, for remote mount only

Notes
1. To order separately add U to the end of the nomenclature. EX: DALR U
2. For use in ambient temperatures up to 40°C.
3. Must specify voltage.
4. 120-277V utilizes a 15-amp plug, 347-480 utilizes a 20-amp plug (standard).
5. Not available with 480V.
6. When reloc is selected fixture bears a dry location label.
7. Available 120-277 only.
8. Must have PM option.
9. Not available with XAD or XAD924.
10. Not available with any other controls options.
11. Available with 120-347V only.
12. Not available with 30,000LM at 347V or 480V.
13. Utilize step down transformer when ordered with 347 or 480V.
14. Daylight harvesting functionality not enabled by default. Utilizes XPA CMRB6.

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