

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal one-for-one replacement of conventional HID and fluorescent high bay systems. Applications include warehousing, manufacturing, gymnasiums, and other large indoor spaces with mounting heights up to 60'. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate.** [Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.](#)

Certain airborne contaminants may adversely affect the functioning of LEDs and other electronic components, depending on various factors such as concentrations of the contaminants, ventilation, and temperature at the end-user location. [Click here for a list of substances that may not be suitable for interaction with LEDs and other electronic components.](#)

CONSTRUCTION — Structural elements such as the channel and end caps are fabricated from steel for maximum rigidity, IK ratings page 8. Wireguard attachment points provided. Lightweight aluminum heat sink designed to perform in ambient temperatures up to 55 °C for maximum naturally convective cooling. Optional rotatable outer light modules available when ROTO option is specified, see page 5 for additional details.

OPTICS — General, narrow, wide and aisle distributions available to meet both horizontal and vertical light level requirements. Diffuse lens standard to provide glare control and LED protection. Optics are IP5X rated.

Patent-pending Acuity-exclusive Fresnel pattern molded into lens for crisp distributions and interchangeability in the field.

ELECTRICAL — L92 at 60,000 hours. Utilizes a 90°C case temperature driver for maximum life at high temperatures. 0.90 power factor. Luminaire Surge Protection Level: Designed to withstand up to 6kV/3kA per ANSI C82.77-5-2015. Luminaire Surge Protection Level: Designed to withstand up to 10kV/5kA per ANSI C82.77-5-2015, optional. Available as 120-277V or 347-480V input.

0-10V dimming standard for a dimming range of 100% to 10%.

WIRELESS NETWORKING — nLight® AIR is the ideal solution for retrofit or new construction spaces where adding additional wiring can be labor intensive and nLight AIR is available with or without an integral sensor. Integrated smart sensors or dimming and switching modules must be part of each luminaire in the nLight AIR network, which can be grouped to control multiple luminaires. The granularity of control with the digital PIR occupancy detection and daylight sensing makes this a great solution for any application.

INSTALLATION — Suitable for suspension by chain, cable, surface mounting when using compatible surface mount bracket (THUN accessory ordered separately), and hook monopoint or single (pendant) mount. To maintain ambient listing, fixture should be mounted at a minimum plenum height of 18".

LISTINGS — CSA certified to US and Canadian safety standards. Damp location listed. Suitable for ambient temperatures from -40°F (-40°C) to 131°F (55°C) when suspended 18" from ceiling. The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Acuity Brands is under license. Other trademarks and trade names are those of their respective owners.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or 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/support/warranty/terms-and-conditions

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.

Stock configurations are offered for shorter lead times:

Standard Part Number	Stock Part Number	DLC QPL Product ID	DLC Premium?
IBG 12000LM SEF AFL GND MVOLT GZ10 40K 80CRI DWH	IBG 12L MVOLT	PAMMN2VX	✓
IBG 15000LM SEF AFL GND MVOLT GZ10 40K 80CRI DWH	IBG 15L MVOLT	P3G6HADN	✓
IBG 18000LM SEF AFL GND MVOLT GZ10 40K 80CRI DWH	IBG 18L MVOLT	P851GVEP	✓
IBG 24000LM SEF AFL GND MVOLT GZ10 40K 80CRI DWH	IBG 24L MVOLT	PZBJQY5S	✓
IBG 12000LM SEF AFL GND MVOLT GZ10 50K 80CRI DWH	IBG 12L MVOLT 5K	P7TZ4ZV	✓
IBG 15000LM SEF AFL GND MVOLT GZ10 50K 80CRI DWH	IBG 15L MVOLT 5K	PMXBGZJS	✓
IBG 18000LM SEF AFL GND MVOLT GZ10 50K 80CRI DWH	IBG 18L MVOLT 5K	P85EZKU7	✓
IBG 24000LM SEF AFL GND MVOLT GZ10 50K 80CRI DWH	IBG 24L MVOLT 5K	PQ5CSK48	✓

Catalog Number
Notes
Type



LED High Bay

IBG



Embed nLight controls today. Prepare for tomorrow.

Now	Tomorrow
 User-friendly install	 Scalability
 Enhanced energy savings	 Space configuration
 Code compliance	 Future-ready

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



A+ Capable options indicated by this color background.

ORDERING INFORMATION

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

Example: IBG 24000LM SEF AFL GND MVOLT GZ10 40K 80CRI DWH

Series	Lumen package	Performance package	Lens	Distribution	Voltage	Driver	Color temperature	Coloring rendering index
IBG	8000LM 8,000 lumens ‡	SEF Standard efficiency	AFL Acrylic, frosted	GND General	MVOLT 120-277V	GZ10 0-10V dimming	35K 3500 K	70CRI 70 CRI
	12000LM 12,000 lumens	HEF Premium efficiency	ACL Clear acrylic		HVOLT 347-480V ‡		40K 4000 K	80CRI 80 CRI
	15000LM 15,000 lumens		PCL Clear polycarbonate		120 120V		50K 5000 K	90CRI 90 CRI ‡
	18000LM 18,000 lumens		PFL Semi-diffuse polycarbonate		208 208V			
	24000LM 24,000 lumens		L/LENS Less lens ‡		240 240V			
	30000LM 30,000 lumens			ND WD ADL Narrow Wide Rack	277 277V			
	36000LM 36,000 lumens ‡		ATL Acrylic textured lens		347 347V ‡			
	48000LM 48,000 lumens		PTL Polycarbonate textured lens		480 480V ‡			
	60000LM 60,000 lumens							
	72000LM 72,000 lumens							

Options		Finish
Emergency batteries ‡	E10WCP 10W emergency battery pack, Certified in CA Title 20 MAEDBS ‡	DNA Natural aluminum
	IE20WCPHE Iota 20W emergency battery pack, Certified in CA Title 20 MAEDBS ‡	DWH Gloss white
IE30WCPHE Iota 30W emergency battery pack, Certified in CA Title 20 MAEDBS ‡		MB Matte black
SPD Surge protection device ‡		
ETS Generator transfer device ‡		
SF Single fuse ‡		
DF Double fuse ‡		
OUTCTR Wiring leads pulled through back center of fixture ‡		
OCS RELOC® OnePass® selectable cable 6' installed ‡		
OCS4C RELOC® One Pass® selectable cable 6' installed. ‡		
OCU RELOC® OnePass® unselectable cable 6' installed (must specify tap position) ‡		
IMP Integrated modular plug ‡		
RRL RELOC®-Ready luminaire. (Not available with Haleon sensor options) See page 11 for ordering information ‡		
WGX Standard wire guard, installed (not available with Haleon sensor)		
ROTO Rotatable optics ‡		
Cord sets ‡		
CPSBW 6' white damp location cord with straight blade plug (voltage will match fixture)		
CPTLW 6' white damp location cord with twist-lock plug (voltage will match fixture)		
CNPW 6' white cord, no plug		
CNP4CW 6' white cord with 4 conductors, no plug (for use when unswitched hot is required for battery pack)		
CNP5CW 6' white cord, 5 conductor, no plug, damp location		
CNP5CDW 6' white cord, 5 conductors (for bringing dimming leads out of fixture)		
Individual Controls (LSXR): ‡		
LSXR6 360° integral high mount motion sensor with standard on/off operation (formerly LAOZU) LINK		
LSXR6 HL 360° integral high mount motion sensor with high/low/Off occupancy operation (formerly LAHOSZU) (For High/Low only, bypass relay)		
LSXR6 P 360° integral high mount motion sensor with On/Off switching photocell (formerly LAPZU)		
LSXR6 ADC 360° integral high mount motion sensor with dimming & switching photocell (formerly LAMOSZU)		
LSXR6 ANL 360° integral high mount motion sensor with High/Low (Off) occupancy dimming & auto-dimming photocell;		
*For 360° integral Low Mount sensors, replace "6" in nomenclature with "10". For High Mount Aisleway sensors, replace "6" in nomenclature with "50". Ex: LSXR10 ADC		
Individual Controls with Bluetooth Programming (Haleon) ‡		
HLN45 OCC 360° integral high mount motion sensor; Bluetooth enabled LINK (formerly HLN360)		
HLN45 HL 360° integral high mount motion sensor with High/Low (Off) occupancy detection; Bluetooth enabled (formerly HLN360HL)		
HLN45 ADC 360° integral high mount motion sensor. On/Off occupancy detection with auto-dimming photocell; Bluetooth enabled (formerly HLN360ADC)		
HLN45 ANL 360° integral high mount motion sensor with High/Low (Off) occupancy dimming & auto-dimming photocell; Bluetooth enabled (formerly HLN360ANL)		
*For integral Aisle Mount sensors, replace "45" in nomenclature with "45A". Ex: HLN45A ADC		
G6DOSUEM 360° high mount motion sensor, dimming only (photocell disabled), pre-wired; UL924 listed (not available with battery pack or ETS) ‡		
*For Low Mount sensor, replace "6" in nomenclature with "10"		
nLight Wired Network Controls		
NCMB6 nLight High Mount Occupancy Sensor with Dimming, pre-wired LINK (Includes dimming Power Pack) ‡		
NPP16 D nLight dimming & switching module LINK ‡		
*For 360° integral Low Mount sensors, replace "6" in nomenclature with "10". For high Aisle Mount sensors, replace "6" with "50". Ex: NCMB50		
nLight AIR Wireless Controls ‡		
NLTAIR2 RMSOD45 nLight AIR (wireless) gen 2 control device with high mount occupancy and daylight sensor LINK		
NLTAIR2 RIO nLight AIR (wireless) gen 2 control device (dimming & switching) LINK		
*For 360° integral Low Mount sensors, replace "45" in nomenclature with "7". For high Aisle Mount sensors, replace "45" with "45A". Ex: NLTAIR2 RMSOD45A		
**For guidance on which sensors to use with emergency generator power, consult table on page 9.		

NOTE: ‡ indicates option chosen has ordering restrictions. Please reference ordering restrictions chart, page 4. Options are sorted alphanumerically.

See Accessories and option value restrictions on next page

Accessories: Order as separate catalog number.									
<u>Mounting:</u>			<u>Cord sets and sensors for IMP option:</u>			<u>Wire guards (gloss white*) - not available with Haleon sensor</u>			
IBAC120 M100	Aircraft cable 10' with hook (one pair)		CS1WIMP	Straight plug, 120V		SEF Lumen Packages		HEF Lumen Packages	
IBAC240 M75	Aircraft cable 20' with hook (one pair)		CS3WIMP	Twist-lock, 120V		WGIBG22	8000LM, 12000LM, 15000LM	8000LM	
IBHMP	Hook monopoint		CS7WIMP	Straight plug, 277V		WGIBG24	18000LM, 24000LM, 30000LM	12000LM, 15000LM	
HBBS36	Chain hanger with chain, 36" (one pair)		CS11WIMP	Twist-lock, 277V		WGIBG26	36000M	18000LM, 24000LM, 30000LM, 36000LM	
IBGACVH	Aircraft 10' V hanger (one pair)		CS25WIMP	Twist-lock 347V				36000LM	
IBGPMPHB	Pendant monopoint splice box, includes side covers (3/4" hub) for use with OUTCTR option, not available with BPK option		CS93WIMP	600V SO white cord, no plug (no voltage required)		WGIBG44	48000LM, 60000LM	-	
			CS97WIMP	Twist-lock 480V		WGIBG46	72000LM	48000LM, 60000LM, 72000LM	
THUN	Tong hanger bracket (order 2 per fixture) ‡		MSIIMPBG	Aisle sensor for use with IMP option		*For DNA wire guards, add DNA to end of nomenclature. Ex: WGIBG26DNA			
			MSI360IMPBG	360° sensor for use with IMP option		*For MB wire guards, add MB to end of nomenclature. Ex: WGIBG26MB			
*Base fixture must be ordered with IMP option when ordering this accessory.									

CORD SET ORDERING INFORMATION

Cord sets cannot be ordered as accessories

Plug Option	Plug type	Amperage**	Gauge	# of conductors	Color	Location	Length
CNP Cord Only	(blank) No Plug Option (for Cord Only option)	(blank) 15 amps	(blank) 18 gauge standard	(blank) 3 conductors (blk/wht/grn)	(blank) Black	(blank) Damp Location	(blank) 6 feet
CP Cord with Plug	TL Locking Type	20A 20 amps	12 12 gauge	4C 4 conductors; Use with Battery option when unswitched hot is needed	W White		3FT 3 feet
	SB Straight blade*		14 14 gauge				10FT 10 feet
			16 16 gauge	5C 5 conductors; Use when fixture has 2 drivers and separate operation is required			12FT 12 feet
				5CD *** 5 conductors; Use with dimming driver when Purple/Gray dimming leads are desired (Not for use with dimming sensors)			15FT 15 feet
							20FT 20 feet

* Not available wet location.

** Amperage is only configurable for cords with plugs

*** Not available with plugs.