

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.](#)

CONSTRUCTION — Lightweight aluminum heat sink designed to perform in ambient temperatures up to 55° C with lumen droop less than fluorescent due to precision thermal engineering for maximum naturally convective cooling. Structural elements such as the channel and end caps are fabricated from steel for maximum rigidity. Hard-tooled reflectors, utilizing reflective Alanod® MIRO-5® aluminum, for precise and repeatable photometry. Semi-diffuse lens optional to provide glare control — may be inverted for gloss or matte side down. Wireguard attachment points provided.

OPTICS — Narrow and wide distributions available to meet both horizontal and vertical light level requirements. Reflectors feature precision-formed optics utilizing reflective Alanod® MIRO-5® aluminum to achieve narrow distribution and white polyester powder coat to achieve wide distribution. Semi-diffuse lens optional to provide glare control and LED protection.

ELECTRICAL — L95 at 60,000 hours (only 5% loss) with a predicted life of more than 100,000 hours. Utilizes a 90°C case temperature driver for maximum life at high temperatures. 0.90 power factor and 10kA/10kV level of surge protection is standard. Available as 120-277V or 347-480V input.

0-10V dimming standard for a dimming range of 100% to 10%; dimming source current is 150 microA.

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.

INSTALLATION — Suitable for suspension by chain, cable, surface-mounting bracket, hook monopoint or single (pendant) monopoint. Surface mounting not recommended without optional surface mounting bracket. To maintain high ambient listing, fixture should be mounted at a minimum plenum height of 24".

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 24" from ceiling. Patent pending.

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/customer-support/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.

Catalog Number
Notes
Type



LED High Bay

IBL

Patent Pending

Unlensed (standard)
12-30L pictured



Lensed (optional)
48-60L pictured



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: IBL 15L WD LP740

IBL					
Series	Lumens	Distribution	Lens	Voltage	Color temperature
IBL	12L 12,000 lumens	WD Wide	(blank) No shielding	(blank) MVOLT; 120-277V	LP735 70 CRI, 3500K CCT
	15L 15,000 lumens	ND Narrow	SD125 Semi-diffuse acrylic	HVOLT 347V-480V	LP740 70 CRI, 4000K CCT
	24L 24,000 lumens			120 120V	LP750 70 CRI, 5000K CCT
	30L 30,000 lumens ¹			277 277V	LP835 80 CRI, 3500K CCT
	48L 48,000 lumens ¹				LP840 80CRI, 4000K CCT
	60L 60,000 lumens ¹				LP850 80 CRI, 5000K CCT

Options					Finish
GLR	Internal fast-blow fuse ^{2,3}	<u>Cord sets:</u> ⁹	<u>Controls:</u>		(blank) Gloss white with textured dark gray accents
OUTCTR	Wiring leads pulled through back center of fixture	CS1W Straight plug, 120V ¹⁰	LCOZU Aisle motion sensor, pre-wired ^{2,11,12}		DWH Gloss white
OCS	RELOC [®] OnePass [®] 5' installed ⁴	CS3W Twist-lock, 120V ¹⁰	LCHOSZU Aisle motion sensor, pre-wired; programmable dimming ^{2,11,12}		
IMP	Integrated modular plug ^{4,5}	CS7W Straight plug, 277V ¹⁰	LCPZU Aisle motion sensor with photocell; pre-wired ^{2,11,12}		
RRL	RELOC [®] -ready luminaire. See page 5 for ordering information ⁶	CS11W Twist-lock, 277V ¹⁰	LAOZU 360° motion sensor, pre-wired ^{2,11,12}		
I2412	Iota emergency LED battery pack for 32°F to 104°F (0°C to 40°C) ambient, Certified in CA Title 20 MAEDBS ^{2,7}	CS25W Twist-lock, 347V ¹⁰	LAHOSZU 360° motion sensor, pre-wired; programmable dimming ^{2,11,12}		
WGX	Standard wire guard, installed ⁸	CS97W Twist-lock, 480V ¹⁰	LAPZU 360° motion sensor with photocell, pre-wired ^{2,11,12}		
		CS93W 600 SO white cord, no plug (no voltage required)	MSE360 360° motion sensor, embedded, high bay ^{2,12,13}		
			MSE360LB 360° motion sensor, embedded, low bay ^{2,12,13}		
			MSI6XADL DSCXADL 360° Xpoint wireless motion sensor with photocell ^{2,11,12}		
			LAMOSZU 360 motion sensor, dimming and switching photocell, pre-wired (T24 compliant) ^{2,11,12}		
			LCMOSZU Aisle motion sensor, dimming and switching photocell, pre-wired (T24 compliant) ^{2,11,12}		
			nPP16D nLight [®] switching/dimming module ^{2,12,14}		
			nMSI nLight [®] , aisle motion sensor, pre-wired ^{2,12,15}		
			nMSI360 nLight [®] , 360° motion sensor, pre-wired ^{2,12,16}		
			nMSID nLight [®] , aisle motion sensor w/dimming, pre-wired ^{2,12,17}		
			nMSI360D nLight [®] , 360° motion sensor w/dimming, pre-wired ^{2,11,18}		
			XPW XPoint™ wireless 0-10V relay ^{2,19}		

Accessories: Order as separate catalog number.					
Mounting:		Cord sets and sensors for IMP option:		Field-installable door and lens assemblies:	
IBAC120 M100	Aircraft cable 10' with hook (one pair)	CS1WIMP	Straight plug, 120V ^{8,9,22}	DLIBL SD125	Semi-diffuse acrylic lens for use 12-30L
IBAC240 M75	Aircraft cable 20' with hook (one pair)	CS3WIMP	Twist-lock, 120V ^{8,9,22}	DLIBL48 SD125	Semi-diffuse acrylic lens for use with 48L and 60L
IBHMP	Hook monopoint	CS7WIMP	Straight plug, 277V ^{8,9,22}	Wire guards:	
ZACVH	Aircraft 10' V hanger (one pair) ²⁰	CS11WIMP	Twist-lock, 277V ^{8,9,22}	WGIBL	Wire guard for use with 12-30L ⁸
IBLPMP	Pendant monopoint splice box, includes side covers for use with 12-30L	CS25WIMP	Twist-lock 347V ^{8,9,22}	WGIBL48	Wire guard for use with 48L and 60L ⁸
IBLPMPHB	Pendant monopoint splice box, includes side covers (3/4" hub) for use with 12-30L	CS93WIMP	600V SO white cord, no plug (no voltage required) ^{8,22}		
IBLPMP48	Pendant monopoint splice box, includes side covers for use with 48L and 60L	CS97WIMP	Twist-lock 480V ^{8,9,22}		
IBLPMPHB48	Pendant monopoint splice box, includes side covers (3/4" hub) for use with 48L and 60L	MSIIMP	Aisle sensor ^{5,22}		
HC36	Hanger chain, 36" (one pair) ²⁰	MSI360IMP	360° sensor ^{5,22}		
THUN	Tong hanger bracket (order 2 per fixture) ^{20,21}				

See footnotes on next page.

IBL LED High Bay

Notes

- 1 Fixtures more than 24" wide can interfere with the operation of some fire sprinkler systems. Verify specific installation requirements with local fire official and insurance carrier. Emergency battery packs are not available with 48L or 60L.
- 2 Specify voltage.
- 3 Not available with 347 voltage.
- 4 Must be factory-installed.
- 5 Must have "IMP" power cord to power fixture.
- 6 Requires Reloc RRL compatible cable to power fixture.
- 7 Must specify voltage. 120V or 277V only. Not available with cordset w/plug or OUTCTR option. Not available with 48L or 60L lumen packages.
- 8 SD125 lens option recommended when wire guard is used.
- 9 All cord sets are 18/3, 6', white.
- 10 Cord sets are voltage specific. Specify voltage. Other configurations available. Consult factory.
- 11 Other configurations available, see page four for additional options.
- 12 Sensors are rated for 14°F(-10°C) to 122°F(50°C) operation.
- 13 Not available with battery pack. Not field installable.
- 14 Available 120 or 277V only. Not for use with THUN.
- 15 nMSI option utilizes a nPP16 and a nCMB 50, CAT5e cable also included. Available 120 or 277V only.
- 16 nMSI360 option utilizes a nPP16 and a nCMB 6, CAT5e cable also included. Available 120 or 277V only.
- 17 nMSID option utilizes a nPP16D and a nCMB 50, CAT5e cable also included. Available 120 or 277V only.
- 18 nMSI360D option utilizes a nPP16D and a nCMB 6, CAT5e cable also included. Available 120 or 277V only.
- 19 XPW option utilizes XPA CMRBO.
- 20 Not for use with 48L or 60L.
- 21 95°F (35°C) maximum ambient temperature when using the THUN. Not for use with NPP16D.
- 22 Must have IMP option on fixture.



12L, 24L and 48L lumen packages

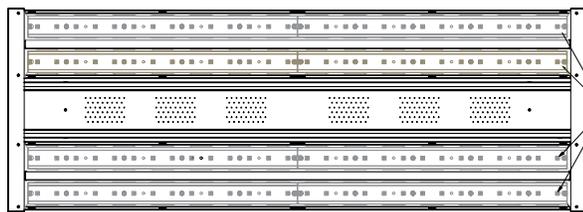


15L, 30L and 60L lumen packages

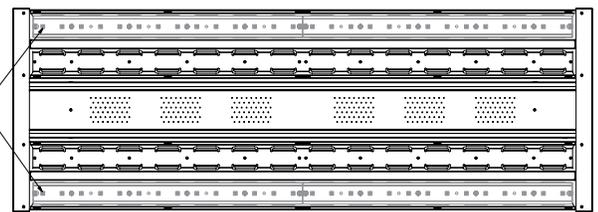
To create the 12L, 24L and 48L lumen packages, the PCBA (LED board) is depopulated from the endcaps inward. The first LED is 5-1/2" from the end cap on those units, compared to 1-1/8" on the 15L, 30L and 60L product.

DIMENSIONS

Dimensions may vary with options or accessories.



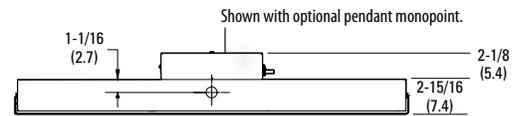
24L and 30L utilize two drivers wired inboard/outboard
48L and 60L (not shown) utilize four drivers wired inboard/outboard



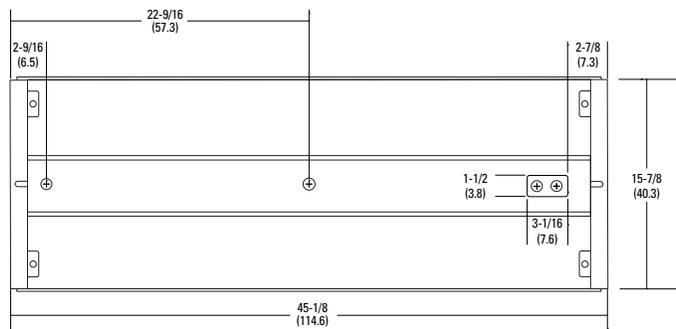
12L and 15L utilize one driver



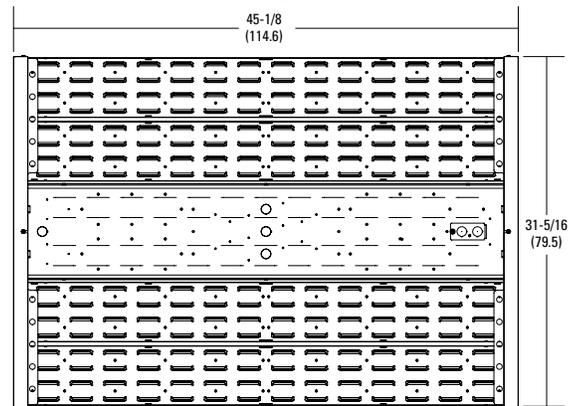
12L - 30L



48L - 60L



12L - 30L



48L - 60L

