LITHONIA LIGHTING®

Catalog Number
Notes
Type

BLT Series LED

BLT

1X4

ADP Diffuser Option

SDSM Diffuser Option

2X2

ADP Diffuser Option

2X4

ADP Diffuser Option

Ribbed Reflector Option

Ribbed Reflector Option

FEATURES & SPECIFICATIONS

INTENDED USE —The BLT Best-in-Value Low Profile LED luminaire features a popular center basket design that offers a clean, versatile style and volumetric distribution. High efficacy LED light engines deliver energy savings and low maintenance compared to traditional sources. An extensive selection of configurations and options make the BLT the perfect choice for many lighting applications including schools, offices and other commercial spaces, retail, hospitals and healthcare facilities. The low profile BLT design (2-3/8") also makes it an excellent choice for renovation projects.

CONSTRUCTION — Prior to fabrication, BLT components are coated with a proprietary paint blend and die-formed for dimensional consistency.

The BLT reflector is available in both smooth and ribbed finishes. Choose RB from the fixture style section below for a ribbed finish.

End plates contain easy-to-position integral T-bar clips for securely attaching the luminaire to the T-grid. For additional T-grid security, optional screw on T-bar clips are available.

Diffusers are extruded from impact modified acrylic for increased durability.

LED boards and drivers are accessible from the plenum.

OPTICS — Volumetric illumination is achieved by creating an optimal mix of light to walls, partitions and vertical and horizontal work surfaces – rendering the interior space, objects and occupants in a more balanced, complimentary luminous environment. A typically configured 2BLT4 features a **Unified Glare Rating (UGR)** starting at 17, UGR data available on page 8. High performance extruded acrylic diffusers conceal LEDs and efficiently deliver light in a volumetric distribution. Five diffuser choices available - curved and square designs with ribbed or a smooth frosted finish.

ELECTRICAL — Long-life LEDs, coupled with high-efficiency drivers, provide superior quantity and quality of illumination for extended service life. 80% LED lumen maintenance at 60,000 hours (L80/60,000). Color Variation within 3-step MacAdam ellipse (3SDCM).

Non-Configurable BLT: Generic 0-10 volt dimming driver. Dims to 10%

Configurable BLT: available in High Efficiency (HE) versions for applications where a lower wattage (over the standard product) is required. The High Efficiency versions deliver >130 LPW and can be specified via the Lumen Package designations in the Ordering Information below.

eldoLED driver options deliver choice of dimming range, and choices for control, while assuring flicker-free, low-current inrush, 89% efficiency and low EMI.

Optional integrated nLight®controls make each luminaire addressable - allowing it to digitally communicate with other nLight enabled controls such as dimmers, switches, occupancy sensors and photocontrols. Connection to nLight is simple. It can be accomplished with integrated nLight AIR wireless RIO, RES7 sensors, or through standard Cat-5 cabling. nLight offers unique plug-and-play convenience as devices and luminaires automatically discover each other and self-commission. nLight AIR is commissioned easily through an intuitive mobile app.

Lumen Management: Unique lumen management system (option N80) provides on board intelligence that actively manages the LED light source so that constant lumen output is maintained over the system life, preventing the energy waste created by the traditional practice of over-lighting.

Step-level dimming option allows system to be switched to 50% power for compliance with common energy codes while maintaining fixture appearance.

CONTROLS — **Standalone Embedded Controls** — BLT is available with (wired or wireless) standalone embedded controls by SensorSwitch. A wired SensorSwitch or wireless SensorSwitch AIR (sensor and/or control device) can be embedded within this luminaire.

Networked Embedded Controls — BLT is available with (wired or wireless) networked embedded controls by nLight®, addressing requirements of Luminaire Level Lighting Controls (LLLC). A wired nLight or wireless nLight AIR (sensor and/or control device) can be embedded within this luminaire.

INSTALLATION — The BLT's low profile design of only 2-3/8" provides increased installation flexibility especially in restrictive plenum applications. Designed for use in NEMA standard Type G (1" & 15/16") , NFG (9/16"), and SS (9/16") grid ceilings. Consult factory about other ceiling types.

For recessed mounting in hard ceiling applications, Drywall Grid Adapters (DGA) are available as an accessory. See Accessories section. Suitable for damp location.

LISTINGS — CSA Certified to meet U.S. and Canadian standards. IC rated. Tested in accordance with ISO 14644-1; suitable for use in ISO 5-9 positive and negative pressure clean rooms.

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.

GOVERNMENT PROCUREMENT — BAA – Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specifica- tion sheet create any warranty of any kind. All other express and implied warranties are disclaimed. 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 ℃.
Specifications subject to change without notice.
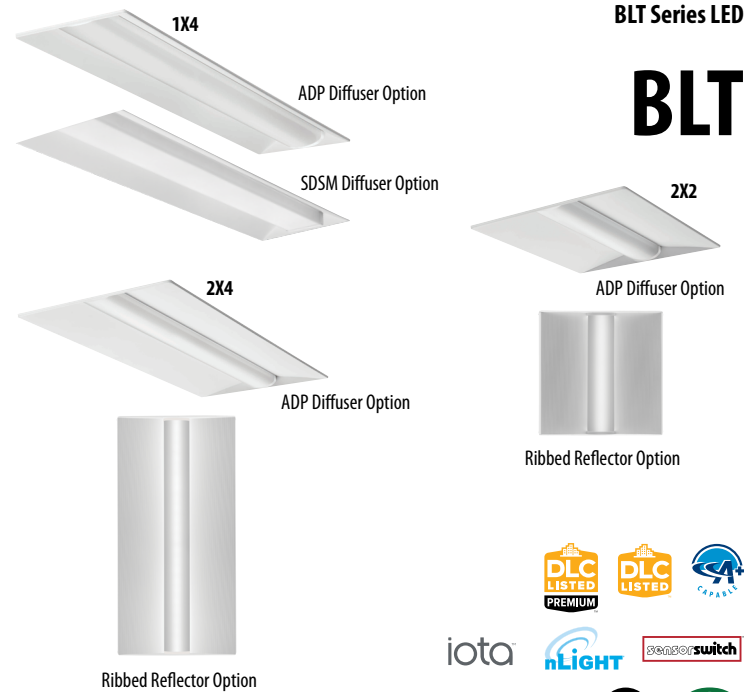
Specifications

Length 1X4, 2X4: 47 3/4" (121.2)
Length 2X2: 23-3/4" (60.3)
Width 2X2, 2X4: 23-3/4" (60.3)
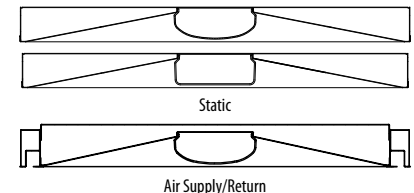Width 1X4: 11-3/4" (29.8)
Depth 1X4: 2-3/4 (6.9)
Depth 1X4 Air Return: 3-5/9 (9.2)
Depth 2X2, 2X4: 2-3/8 (6.0)
Depth 2X2, 2X4 Air Return: 2-3/4 (6.9)
All dimensions are inches (centimeters) unless otherwise specified.

DLC LISTED PREMIUM   DLC LISTED   ᴬ+ CAPABLE

iota   nLIGHT   sensorswitch

ds   ISO Class 5-9   LOW UGR

eldoLED   BAA   BABA

Static

Air Supply/Return

Embed nLight controls today. Prepare for tomorrow.

Now
- User-friendly install
- Enhanced energy savings
- Code compliance

Tomorrow
- Scalability
- Space configuration
- 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 when used with Acuity Brands controls products.

All configurations of this luminaire are calibrated and tested to meet the Acuity Brands' specifications for chromatic consistency – including color rendering, color fidelity, and color temperature tolerance around standard CIE chromaticity coordinates.

To learn more about Acuity A+ standards, specifications, and testing visit www.acuitybrands.com/aplus.

ds design select®

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.
*See ordering tree for details

BLT Volumetric Recessed Lighting

ds Design Select options indicated by this color background.

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

Example: 2BLT4 40L ADP EZ1 LP840

2BLT4

Series	Fixture Style	Air function	Lumens ‡		Diffuser	Voltage	Driver ‡	Color temperature
BLT4 1x4 BLT	(blank) Smooth Reflector	(blank) Static Air	**Standard efficiency (>100 LPW)**	**High efficiency ‡ (>130 LPW)**	ADP Curved, ribbed	(blank) MVOLT	EZ1 eldoLED dims to 1% (0-10 volt dimming)	LP830 82CRI, 3000 K
	RB Ribbed Reflector	A	15L 1500	15LHE 1500	ADSM Curved, smooth	120 120V		LP835 82CRI, 3500 K
		Air supply/ return ‡	20L 2000	20LHE 2000	SDP Square, ribbed	277 277V	GZ1 Dims to 1% (0-10V dimming)	LP840 82CRI, 4000 K
			30L 3000	30LHE 3000	SDSM Square, smooth	347 347V ‡		LP850 82CRI, 5000 K
			40L 4000	40LHE 4000	LUGR Low UGR lens ‡		GZ10 Dims to 10% (0-10V dimming)	LP930 90CRI, 3000K
			48L 4800	48LHE 4800	**Includes trim rings to match sensored version**			LP935 90CRI, 3500K
			60L 6000	60LHE 6000	ADPT Curved, ribbed		SLD Step-level dimming ‡	LP940 90CRI, 4000K
					ADSMT Curved, smooth			LP950 90CRI, 5000K
			20L 2000	20LHE 2000	SDPT Square, ribbed			
			33L 3300	33LHE 3300	SDSMT Square, smooth			
			40L 4000	40LHE 4000	LUGRT Low UGR lens with trim ‡			
			48L 4800	48LHE 4800				
2BLT2 2x2 BLT			30L 3000	30LHE 3000				
			40L 4000	40LHE 4000				
			48L 4800	48LHE 4800				
			60L 6000	60LHE 6000				
2BLT4 2x4 BLT			72L 7200	72LHE 7200				
			85L 8500	85LHE 8500				
			100L 10000					
			120L 12000					

nLight Interface	Control ‡		
nLight Wired	**nLight Wired ‡**		**Individual Control**
(blank) no nLight ® interface	(blank) No sensor control		MSD7ADCX PIR integral occupancy sensor with automatic dimming control photocell ‡
N80 nLight with 80% lumen management	NES7 nLight™ nES 7 PIR integral occupancy sensor		
N80EMG nLight with 80% lumen management For use with generator supply EM power ‡	NESPDT7 nLight™ nES PDT 7 dual technology integral occupancy control		MSDPDT7ADCX PDT integral occupancy sensor with automatic dimming control photocell ‡
	NES7ADCX nLight™ nES 7 ADCX PIR integral occupancy sensor with automatic dimming photocell		
N100 nLight without lumen management	NESPDT7ADCX nLight™ nES PDT 7 dual technology integral occupancy sensor with automatic dimming photocell		
N100EMG nLight without lumen management For use with generator supply EM power ‡	**nLight Wireless**		SSAIR Wireless standalone embedded control by SensorSwitch ‡
	RES7 nLight AIR control with PIR integral occupancy sensor and automatic dimming photocell ‡		
	RES7PDT nLight AIR control with PDT dual technology integral occupancy sensor and automatic dimming photocell ‡		SSAIR APIR Wireless standalone embedded control by SensorSwitch with Passive Infrared Occ sensor with autodimming photocell ‡
nLight Wireless	RIO nLight AIR radio module without sensor ‡		
(blank) no nLight AIR ® interface	RES7EM nLight AIR PIR integral occupancy sensor with automatic dimming photocell and UL924 Emergency Operation, via power interrupt detection ‡		
NLTAIR2 nLight AIR Generation 2 enabled ‡	RES7PDTEM nLight AIR microphonics dual technology occupancy sensor with automatic dimming photocell and UL924 Emergency Operation, via power interrupt detection ‡		
	RIOEM nLight AIR radio module less sensor, with UL924 Emergency Operation, via power interrupt detection ‡		

| Standy Mode	Options				
NOC NOC Occupancy sensor disabled ‡	BDP Disconnect Plug		CP Chicago plenum ‡	GLR Fast-blowing fuse ‡	
	E7W 7W Emergency battery pack, constant power, Certified in CA Title 20 MAEDBS, User selectable Self-Diagnostic, AC Activate with Integral Test Switch (LINK) ‡		BGTD Bodine Generator Transfer Device ‡	GMF Slow-blowing fuse ‡	
			PWS1836 6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit	NPLT Narrow pallet	
			PWS1846 6' pre-wire, 3/8" diameter, 18 gauge, 2 circuit	RRL_ RELOC®-ready luminaire ‡	
	E10W 10W Emergency battery pack, constant power, Certified in CA Title 20 MAEDBS, User selectable Self-Diagnostic, AC Activate with Integral Test Switch (LINK) ‡		PWS1846 PWSLV Two cables: one 6' pre-wire, 3/8" diameter, 18 gauge, 2 circuits; one 6' pre-wire, 3/8" diameter, 18 gauge	LATC Earthquake clip	
				WH Glossy White	
			PWS1856LV 6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit w/ low voltage wires ‡	DWAM Anti-Microbial paint	
	E10WSTAR Emergency battery pack, Enabled with STAR ‡			JP14 Job packaging ‡	
				JP22 Job packaging ‡	
				JP28 Job packaging ‡	
				JP44 Job packaging ‡	
				IP5X Gasketed diffuser compartment to meet IP5X rating ‡	
				BAA Buy America(n) Act and/or Build America Buy America Qualified	

NOTE: ‡ indicates option value has ordering restrictions. Please reference the Option Value Ordering Restictions chart on the next page. Options are sorted alphanumerically.

‡ Option Value Ordering Restrictions	
Option value	**Restriction**
347	Not available with SLD, E7W, E10W, and E10WSTAR options.
A	Not available with RB fixture style or SSAIR, consult factory for air flow data. If a job pack is selected, use JP14 only.
BGTD	Not available with TD, SSAIR, SSAIR APIR sensor options or emergency battery options. Must specify voltage. Requires BSE labeling, voltage specific. Example: BGTD BSE10.
Controls	Must specify diffuser with trim rings.
CP	Not available with N80, N80EMG, N100, N100EMG, PWS1836, PWS1846, PWS1846 PWSLV or PWS1856LV.
Driver	Driver section may be left blank when selecting ADP Diffuser and excluding any controls or options. GZ10 Driver will be used.
E7W, E10W	When using pre-wire option, use PWS1846 or PWS1846 PWSLV.
E10WSTAR	Not compatible with 347V.
FAO	EZ1 driver required. Not available with USPOM, FAO or lumen packages > 6000LM. FAO restricts use of external Dimming controls. See chart on page 3 for additional details.
GLR, GMF	Must specify voltage. 120 or 277, with GLR and GMF fusing.
IP5X	Not available with air supply/return or Wired Networking (NES_) and Individual Control (MSD_) sensors.
JP14	Only available with 2X4 options. Not available with NES7, NESPDT7, NESPDT7ADCX, MSD7ADCX, MSDPDT7ADCX, RES7, RES7PDT, RIO, SSAIR, SSAIR APIR. Not available when 'A' air supply/return function and sensor options are combined.
JP22	Only available with 2X4. Not available with option: NES7, NESPDT7, NESPDT7ADCX, MSD7ADCX, MSDPDT7ADCX, RES7, RES7PDT, RIO, SSAIR, SSAIR APIR. Not available when 'A' air supply/return function option.
JP28	Only available with 2X2 options: NES7, NESPDT7, NES7ADCX, NESPDT7ADCX, MSD7ADCX, MSDPDT7ADCX, RES7, RES7PDT, RIO, SSAIR, SSAIR APIR. Not available when sensor options combined with 'A' air supply return option.
JP44	Only available with 2X2. Not available with NES7, NESPDT7, NES7ADCX, NESPDT7ADCX, MSD7ADCX, MSDPDT7ADCX, RES7, RES7PDT, RIO, SSAIR, SSAIR APIR. Not available 'A' air supply return option. Not available with battery and PWS together.
LUGR, LUGRT	Due to the unique optics used to drive the low UGR distribution, the LUGR lens is not uniformly lit and presents visible striping.
Lumens	Approximate lumen output. For high Efficiency, all versions may not achieve 130+ LPW. Refer to photometry on www.acuitybrands.com. Air supply/return option, 90 CRI, and versions with integral sensor trim rings may not achieve 130 LPW.
MSD7ADCX, MSDPDT7ADCX	Only available with EZ1 driver option. 0-10v dimming wires not accessible via access plate.
N80EMG, N100EMG	nLight EMG option requires a connection to existing nLight network. Power is provided from a separate N80 or N100 enabled fixture.
NES7, NESPDT7, NES7ADCX, NESPDT7ADCX	Requires N80, N80EMG, N100, or N100EMG. Only available with EZ1 driver.
NLTAIR2	Must order with nLight Wireless option from Control section. Not available with GZ10 driver. Not available with 85L, 85LHE, 100L, or 120L options.
NOC	Can only be ordered in conjunction with EZ1 or GZ1, NLTAIR2, RES7/RES7PDT. Occupancy sensor disabled at factory but can be re-enabled upon commissioning.
PWS1846 PWSLV, PWS1856LV	Not available with nLIGHT wired network or individual controls.
RES7, RES7PDDT, RIO	See UL 924 Sequence of Operation chart on page 3. When combined with the EZ1 option, can be used as a normal power sensing device for nLight AIR devices and luminaires with EM emergency options.
RES7EM, RES7PDT, RIOEM	See UL924 Sequence of Operation chart on page 3. Not available with 72L, 72LHE, 85L or 85LHE lumen packages. Not available with GZ10 or GZ1 driver.
RRL_	For ordering logic consult: RRL_2013.
SLD	Not available with any nLight Interface or Control options.
SSAIR, SSAIR APIR	Not available with standard efficiency 85L, 85LHE, 100L or 120L lumen options. Not available with SLD, nLight, NLTAIR2, NOC, BGTD or Air Handling options.

Intelligent Luminaire Technology Guide

	Choose nomenclature from these columns			
Control/Sensor Configurations	**Control Input**	**Sensor**		**Previous Nomenclature**
	SSAIR	+	(blank)	=	BTRM SSA BTA JOT
	SSAIR	+	VAPIR	=	BTRM SSA BTA + VERTEX

MOUNTING DATA	
Ceiling Type	**Appropriate Trim Type**
Exposed grid tee (1' and 9/16")	G
Concealed grid tee	G
Plaster or plasterboard	G*

9/16   15/16   Screw Slot
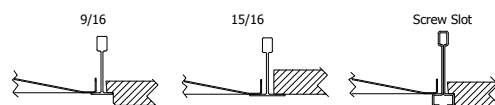
*DGA accessory available to provide ceiling trim flange and fixture support for plaster or plasterboard ceiling. Recommended rough-in dimensions for DGA installation is 24-3/4" x 24-3/4" (Tolerance is +1/8", -0").

UL924 Sequence of Operation

The below information applies to all nLight AIR devices with an EM option.
- EM devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-power-sensed (NPS) broadcast is received at least every 8 seconds.
- Using the CL**AIR**ITY+ mobile app, EM devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts.
- Only non-emergency rPP20, rLSXR, rSBOR, rSDGR, and nLight AIR luminaires with version 3.4 or later firmware can provide normal power sensing for EM devices. See specification sheets for control devices and luminaires for more information on options that support normal power sensing.

Accessories & Replacement Parts

Accessories: *Order as separate catalog number.*	
DGA14	Drywall grid adapter for 1x4 recessed fixture
DGA22	Drywall grid adapter for 2x2 recessed fixture
DGA24	Drywall grid adapter for 2x4 recessed fixture
1X4SMKSHP PAF	Surface Mount Troffer Kit Post Paint for 1X4 fixture
2X2SMKSHP PAF	Surface Mount Troffer Kit Post Paint for 2X2 fixture
2X4SMKSHP PAF	Surface Mount Troffer Kit Post Paint for 2X4 fixture
RK8BDP 2P U	Disconnect Plug (BDP), 2 Pole, Package of 1
RK8BDP 3P U	Disconnect Plug (BDP), 3 Pole, Package of 1
RK8BDP 2P J10	Disconnect Plug (BDP), 2 Pole, Package of 10
RK8BDP 2P J40	Disconnect Plug (BDP), 2 Pole, Package of 40

Replacement Parts: *Order as separate catalog number.*		
*249P36	DBLT48 ADP LENS ASSEMBLY	2 ft. replacement lens
*249P3C	DBLT48 SDP LENS ASSEMBLY	2 ft. replacement lens
*249P3H	DBLT48 ADSM LENS ASSEMBLY	2 ft. replacement lens
*249P3L	DBLT48 SDSM LENS ASSEMBLY	2 ft. replacement lens
*239UJR	DBLT48 ADPT LENS ASSEMBLY	2 ft. replacement lens
*239TXC	DBLT48 SDPT LENS ASSEMBLY	2 ft. replacement lens
*239UK6	DBLT48 ADSMT LENS ASSEMBLY	2 ft. replacement lens
*239UK6	DBLT48 SDSMT LENS ASSEMBLY	2 ft. replacement lens
*239TVV	DBLT48 ADPT SENSOR LENS ASSEMBLY	2 ft. replacement lens
*239TXM	DBLT48 SDPT SENSOR LENS ASSEMBLY	2 ft. replacement lens
*239UKG	DBLT48 ADSMT SENSOR LENS ASSEMBLY	2 ft. replacement lens
*239U0K	DBLT48 SDSMT SENSOR LENS ASSEMBLY	2 ft. replacement lens
*247WJV	2DBLT24 ADP LENS ASSEMBLY	2 ft. replacement lens
*249P2P	2DBLT24 SDP LENS ASSEMBLY	2 ft. replacement lens
*249P2W	2DBLT24 ADSM LENS ASSEMBLY	2 ft. replacement lens
*249P32	2DBLT24 SDSM LENS ASSEMBLY	2 ft. replacement lens
*237LT1	2DBLT24 ADPT LENS ASSEMBLY	2 ft. replacement lens
*237LT3	2DBLT24 SDPT LENS ASSEMBLY	2 ft. replacement lens
*237LT5	2DBLT24 ADSMT LENS ASSEMBLY	2 ft. replacement lens
*237LT7	2DBLT24 SDSMT LENS ASSEMBLY	2 ft. replacement lens
*237LT9	2DBLT24 ADPT SENSOR LENS ASSEMBLY	2 ft. replacement lens
*237M4Y	2DBLT24 SDPT SENSOR LENS ASSEMBLY	2 ft. replacement lens
*237M57	2DBLT24 ADSMT SENSOR LENS ASSEMBLY	2 ft. replacement lens
*237M5H	2DBLT24 SDSMT SENSOR LENS ASSEMBLY	2 ft. replacement lens
*249P2N	2DBLT48 ADP LENS ASSEMBLY	4 ft. replacement lens
*249P2T	2DBLT48 SDP LENS ASSEMBLY	4 ft. replacement lens
*249P30	2DBLT48 ADSM LENS ASSEMBLY	4 ft. replacement lens
*249P33	2DBLT48 SDSM LENS ASSEMBLY	4 ft. replacement lens
*237LT2	2DBLT48 ADPT LENS ASSEMBLY	4 ft. replacement lens
*237LT4	2DBLT48 SDPT LENS ASSEMBLY	4 ft. replacement lens
*237LT6	2DBLT48 ADSMT LENS ASSEMBLY	4 ft. replacement lens
*237LT8	2DBLT48 SDSMT LENS ASSEMBLY	4 ft. replacement lens
*237LTA	2DBLT48 ADPT SENSOR LENS ASSEMBLY	4 ft. replacement lens
*237M52	2DBLT48 SDPT SENSOR LENS ASSEMBLY	4 ft. replacement lens
*237M5A	2DBLT48 ADSMT SENSOR LENS ASSEMBLY	4 ft. replacement lens
*237M5L	2DBLT48 SDSMT SENSOR LENS ASSEMBLY	4 ft. replacement lens

Emergency Battery Pack Options - Field Installable

Battery Model Number	Wattage	Runtime (Minutes)	Lumen Output* @ 120 Lumens/Watt	Other
ILB CP07 2H A	7W	120	840	Storm Shelter/ 2-hour Runtime
ILB CP10 A	10W	90	1200	
ILB CP10 HE AELR A	10W	90	1200	Title 20; Enabled with Self Testing, Automated Reporting (STAR)
ILBLP CP10 HE SD A	10W	90	1200	Title 20, Self Diagnostic
ILBLP CP15 HE SD A	15W	90	1800	Title 20, Self Diagnostic
ILB CP20 HE A	20W	90	2400	Title 20
ILB CP20 HE SD A	20W	90	2400	Title 20, Self Diagnostic

All the above are UL Listed products that are certified for field install external/remote to the fixture.

*Minimum delivered lumen output to assist in product selection for increased fixture mounting height.

The CP10 delivered emergency illumination outperforms legacy 1400 lumen fluorescent emergency ballast.

Please contact us at techsupport@iotaengineering.com for any Emergency Battery related questions.

BSE Labeling Options	
BSE10	Drivers load transfer relay installed per manufacturer's instructions. Voltage, BGTD and BSE10 called out.
BSE14	One voltage fixture with driver load control relay supplied with one prewire (PWS option). Prewire wired for normal circuit, the control relay for emergency circuit left unconnected. Voltage, BGTD, BSE14 and prewire called out, in the description.

*For configurations with Reloc or two voltages an RFA modification is required

Multiple Diffuser Options

ADP Curved Ribbed

ADSM Curved Smooth

SDP Square Ribbed

SDSM Square Smooth

LUGR Low UGR
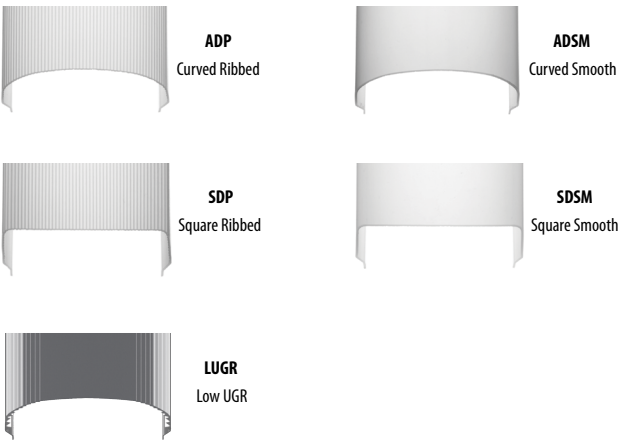
Enabled with STAR

Emergency Lighting with Self-Testing Automated Reporting (STAR), enables self-testing and automated reporting to aid in life safety code compliance. Build your solution and choose your preferred deployment from Mobile STAR, where test data is logged in each individual unit and broadcast to the Cl**AIR**ity™**+** app, or Connected STAR, where test data is logged in the STAR Gateway by IOTA® and emailed directly. **Leave the ladders, disruptions and written records behind with emergency lighting solutions with STAR!**

Life Safety Code NFPA 101 testing and reporting requirements for emergency lighting include:

Testing for 30 seconds every 30 days

Testing for 90 minutes once a year

Record keeping and to report to the authority having local jurisdiction

MOBILE STAR

EXIT

For small scale applications

CONNECTED STAR

EXIT

For large scale applications

Performance You Can Count On

SensorSwitch™ offers standalone wired and wireless lighting controls solutions designed for room-based applications. Our products offer reliable performance and ease of installation.

Sensorswitch.com

Wired Embedded Controls

BLT Series

1. Install the luminaires with embedde controls
2. Install and wire the wall switch to power.
3. Connect load and 0-10 dimming wires from the wall switch to the luminaires.

SensorSwitch
WSXA D

Wireless Embedded Controls

BLT Series

1. Install the luminaires with embedde controls
2. Insert the pairing tool into the pinhole on the wall switch; press and hold any button for 6 seconds.
3. Once paired, each fixture will individually dim down to 10% brightness. All products will be fully functional.

SensorSwitch
WSXA JOT

Single Lighting Controls Platform for Indoor & Oudoor Spaces

nLIGHT® is your networked lighting controls platform, for indoor and outdoor applications, providing wired or wireless options. Scaling from room to campus-wide applications, it is the one platform that grows with your business today and tomorrow; to seamlessly address energy cost optimization, building code compliance, improved occupant comfort, and much more. nLIGHT also interfaces with DALI®, BACnet®, DMX and additional third-party devices.

nLIGHTcontrols.com

Wired Embedded Controls

CAT-5e

nLight nPODMA DX
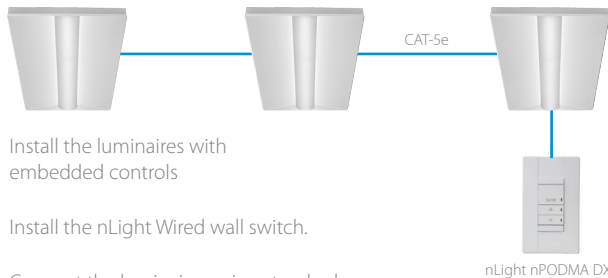
1. Install the luminaires with embedded controls

2. Install the nLight Wired wall switch.

3. Connect the luminaires using standard CAT-5e cables and the controls devices will automatically discover each other and work (plug and play).

Wireless Embedded Controls
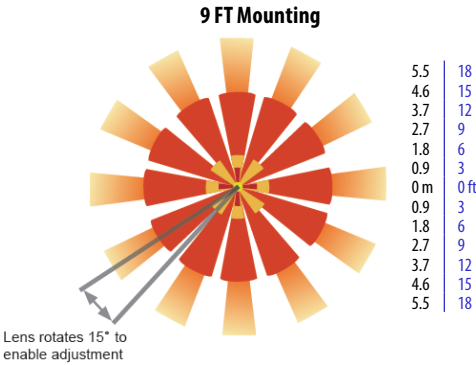

nLight nPODBA 2P DX   Mobile Device

1. Install the luminaires with embedded controls

2. Install the nLight AIR battery-powered wall switch

3. Use CL**AIR**ITY + mobile app to pair the fixture with the wall switch and is desired, customize the sensor settings

Sensor Options					
Option	Automatic Dimming Photocell	Occupancy Sensing		nLight Wired Networking	nLight AIR Networking
		PIR	PDT		
MSD7ADCX	X	X			
MSDPDT7ADCX	X		X		
NES7		X		X	
NES7ADCX	X	X		X	
NESPDT7			X	X	
NESPDT7ADCX	X		X	X	
RES7	X	X			X
RESPDT7	X	X	X		X

Sensor Coverage Pattern
Mini 360° Lens

- Recommended for walking motion detection from mounting heights between 8 ft (2.44 m) and 20 ft (6.10 m)
- Initial detection of walking motion along sensor axes at distances of 2x the mounting height up to 15 ft (4.57 m) and
- 1.75x up to 20 ft (6.10 m).
- Provides 12 ft (3.66 m) radial detection of small motion when mounted at 9 ft (2.74 m)
- Initial detection will occur earlier when walking across sensor's field of view than when walking directly at sensor

9 FT Mounting

5.5	18
4.6	15
3.7	12
2.7	9
1.8	6
0.9	3
0 m	0 ft
0.9	3
1.8	6
2.7	9
3.7	12
4.6	15
5.5	18

Lens rotates 15° to enable adjustment

Embedded Controls by SensorSwitch

The MSD7ADCX PIR occupancy sensor/automatic dimming photocell is ideal for areas without obstructions and where daylight harvesting may be desired. Suggested applications include, but not limited to, hallways, corridors, storage rooms, and breakrooms or other areas where people are typically moving.

The MSDPDT7ADCX PIR/Microphonics Dual Tech occupancy sensor/automatic dimming photocell is ideal for areas with obstructions and where daylight harvesting is desired. Suggested applications include, but not limited to, open offices, private offices, classrooms, public restrooms, and conference rooms.

nLight AIR Wireless

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. The integrated rES7 or rES7PDT smart sensors are 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 a great solution for any application.

A luminaire with a wired nLight sensor

The nES 7 is ideal for small rooms without obstructions or areas with primarily walking motion. Ideal areas include hallways, corridors, storage rooms, and breakrooms. Additionally, the nES7ADCX includes an integrated photocell, which enables daylight harvesting controls.

For areas like restrooms, private offices, open offices, conference rooms or any space with obstructions, the nES PDT 7 dual technology sensor is recommended. The nES PDT 7 utilizes both PIR (passive infrared) and Microphonics technologies to detect occupancy. Additionally, the nESPDT7ADCX includes an integrated photocell, which enables daylight harvesting controls which is ideal for areas where windows are present.

Sequence of Operation (MSD7 Sensor)
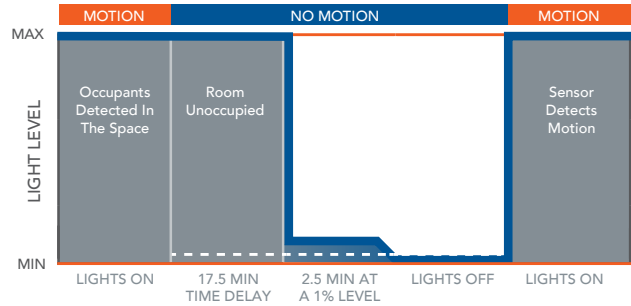
*The presetting on the automatic dimming photocell is 5fc.
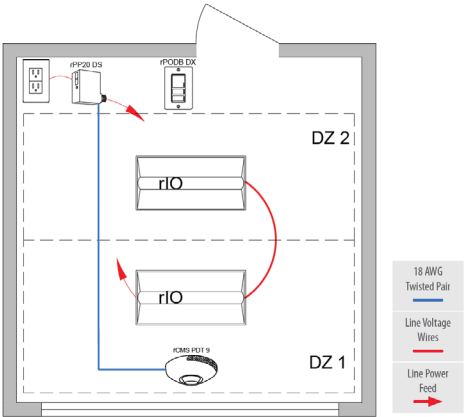
Sequence of Operation (nES7 and rES7 and Sensor)
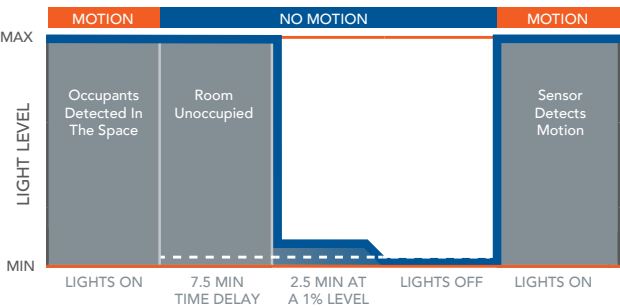
*The presetting on the automatic dimming photocell is 5fc (NES7) and 10fc (RES7).

Controls Accessories

nLight® Wired Control Accessories:
Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlight.

WallPod stations	Model number	Occupancy sensors	Model number
On/Off	nPODMA [Color]	Small motion 360°, ceiling (PIR / dual tech)	nCM 9 RJB / nCM PDT 9 RJB
On/Off & raise/lower	nPODMA DX [Color]	Large motion 360°, ceiling (PIR / dual tech)	nCM10 RJB / nCM PDT 10 RJB
Graphic touchscreen	nPOD TOUCH [Color]	Wall switch with raise/lower	nWSX PDT LV DX [color]
Photocell controls	**Model number**	**Cat-5 cable (plenum rated)**	**Model number**
Full range dimming	nCM ADCX RJB	10' cable	CAT5 10FT J1
		30' cable	CAT5 30FT J1

nLight® AIR Control Accessories:
Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlightair.

Wall switches	Model number
On/Off single pole	rPODBA [color] G2
On/Off two pole	rPODB A2P [color] G2
On/Off & raise/lower single pole	rPODBA DX [color] G2
On/Off & raise/lower two pole	rPODBA 2P DX [color] G2

BLT fixtures with integrated rIO devices complement any small office space. Pair them with an rCMS occupancy sensor and the space now has wireless occupancy sensing and dimming capability. For additional configuration options please consult with Tech Support.

rCMS[1]				Example: RCMS PDT 10 AR G2	
Series / Detection	Power Supply[1]	Occupancy Detection	Lens (Required)	Operating Mode	Generation
RCMS — nLight AIR occupancy and daylight sensor	[blank] Power Supply ordered separately / PS 150 Standard 150 mA Power Supply	[blank] PIR Detection / PDT Dual Tech PIR/ Microphonics	10 Large Motion/ Extended Range 360° / 9 Small Motion/ Extended Range 360° / 6 High Bay 360° Lens	[BLANK] None / AR Auxiliary Relay	G2 Generation 2 compatibility

Notes
1 RCMS requires low voltage power from either RPP20 DS 24V G2 or PS150.

Sensor Switch WSX	**nLight WIRED NPOD UNITOUCH**	**nLight WIRED nPODMA DX**	**nLight AIR rPODBA**	**BLT with rIO**	**rPODBA**	**RCMS**

Constant Lumen Management

Enabled by the embedded nLight control, the BLT actively tracks its run-time and manages its light source such that constant lumen output is maintained over the system life. Referred to as lumen management, this feature eliminates the energy waste created by the traditional practice of over-lighting.

Without Lumen Management
Energy is wasted and light level is inconsistent.

POWER INPUT

LIGHT OUTPUT

Wasted Energy

THOUSAND OPERATING HOURS

With Lumen Management
Energy is saved and light level remains consistent.

Saved Energy

POWER INPUT

LIGHT OUTPUT

THOUSAND OPERATING HOURS
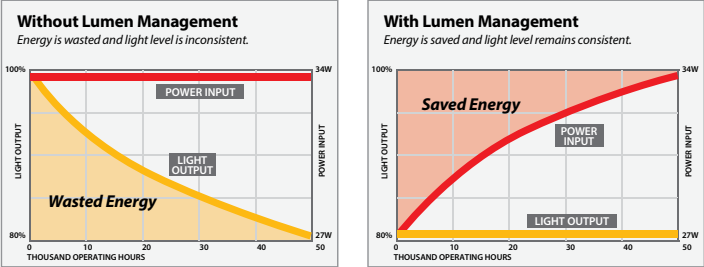
PHOTOMETRICS

Please click link to access Photometry & Revit (BIM)

UNIFIED GLARE RATING (UGR)

Lumen Package	ADP		ADPT		ADSM		ADSMT		SDP		SDPT		SDSM		SDSMT		LUGR		LUGRT	
	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise
15L	16.9	18.4	17	18.2	17	18.3	16.9	18.4	17	18.4	16.8	18.2	17.2	18.3	16.9	18.1	16.7	14.9	16.7	14.9
15LHE	17	18.5	17.1	18.4	17.2	18.5	17	18.5	17.2	18.5	17	18.4	17.3	18.4	17.1	18.2	16.8	15	16.8	15
20L	18.2	21.7	18.2	21.6	18.4	21.7	18.1	21.3	18.4	21.4	18.2	21.2	18.4	21.1	18.2	21.1	17.6	15.8	17.5	15.8
20LHE	17.9	19.4	18	19.2	18.1	19.4	17.9	19.4	18.1	19.4	17.9	19.3	18.2	19.3	18	19.1	17.7	15.9	17.6	15.9
30L	19.6	23.1	19.6	23	19.8	23.1	19.5	22.7	19.8	22.8	19.5	22.6	19.8	22.5	19.6	22.5	19	17.2	19	17.2
30LHE	19.5	23.1	19.5	20.8	19.6	20.9	19.4	20.9	19.6	21	19.4	20.8	19.7	20.8	19.5	20.6	19.1	17.3	19.1	17.3
40L	20.5	22	20.1	23.5	20.3	23.6	20.1	23.2	20.3	23.4	20.1	23.1	20.3	23.1	20.1	23	20	18.2	20	18.2
40LHE	20.6	22.1	20.7	22	20.8	22.1	20.6	22.1	20.8	22.2	20.6	22	20.9	22	20.7	21.8	20.1	18.3	20.1	18.3
48L	21.1	22.6	21	24.4	21.2	24.5	21	24.1	21.2	24.3	21	24	21.2	24	21	23.9	20.7	18.9	20.7	18.9
48LHE	20.8	24.3	20.8	24.2	21	24.3	20.7	23.9	21	24	20.8	23.8	21	23.7	20.8	23.7	20.6	18.8	20.6	18.8
60L	21.6	25.2	21.6	25	21.8	25.1	21.6	24.7	21.9	24.7	21.6	24.6	21.8	24.6	21.6	24.5	21.5	19.7	21.4	19.7
60LHE	21.3	24.8	21.3	24.7	21.5	24.8	21.2	24.4	21.5	24.5	21.2	24.3	21.5	24.2	21.3	24.2	21.4	19.6	21.4	19.6

UGR Values of BLT 1x4 @ **80CRI** and 3500K
UGR (70% 50% 20% reflectance using a 4H x 8H room size)

UGR varies based on luminaire options and is affected by application dependent parameters. Numbers depicted here are considered "Luminaire-UGR and/or "Point-UGR" values.
To determine a more precise maximum UGR value ("Application-UGR"), a full lighting design layout should be completed with the selected luminaire configuration for each application

UNIFIED GLARE RATING (UGR)

Lumen Package	ADP		ADPT		ADSM		ADSMT		SDP		SDPT		SDSM		SDSMT		LUGR		LUGRT	
	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise
20L	17.8	21.6	17.8	21.8	17.7	21.4	18	21.1	18.3	21.3	18	21	18.1	21.5	18	20.9	16.3	17.9	17.6	18.2
20LHE	17.6	21.5	17.6	21.6	19.5	22.8	17.6	21.5	17.8	21.4	17.6	21.5	17.9	21.3	17.9	21.4	16.1	17.7	17.4	18
33L	19.5	23.3	19.5	22.8	19.9	23.2	19.3	22.4	19.6	22.6	19.3	22.3	19.6	22.3	19.4	22.2	18	19.6	19.3	19.8
33LHE	19.7	23.3	19.7	23.1	20.5	23.7	19.7	22.8	20	23	19.7	22.7	19.8	23.2	19.8	22.6	17.9	19.5	19.2	19.8
40L	20.2	24	20.3	23.7	20.5	23.8	20.2	24	20.5	23.5	20.2	23.2	20.5	23.2	20.3	23.2	18.7	20.3	20	20.5
40LHE	20.2	24.1	20.3	23.7	20.9	24.6	20.2	23.4	20.5	23.5	20.2	23.3	20.5	23.2	20.3	23.2	18.7	20.3	20	20.5
48L	20.8	24.6	20.7	24.8	20.9	24.6	20.8	24.6	21	24.5	20.7	24.6	21	24.5	21	24.5	19.4	21.1	20.7	21.3
48LHE	20.7	24.3	20.7	24.5	20.9	24.6	20.8	24.6	21	24	20.7	24.6	20.9	23.7	20.9	23.6	19.4	21	20.7	21.2

UGR Values of BLT 2x2 @ **80CRI** and 3500K
UGR (70% 50% 20% reflectance using a 4H x 8H room size)

UGR varies based on luminaire options and is affected by application dependent parameters. Numbers depicted here are considered "Luminaire-UGR and/or "Point-UGR" values.
To determine a more precise maximum UGR value ("Application-UGR"), a full lighting design layout should be completed with the selected luminaire configuration for each application

UNIFIED GLARE RATING (UGR)

Lumen Package	ADP		ADPT		ADSM		ADSMT		SDP		SDPT		SDSM		SDSMT		LUGR		LUGRT	
	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise	Crosswise	Endwise
30L	16.7	20.5	16.6	20.7	16.8	20.5	16.7	20.5	16.9	20.4	16.6	20.5	16.9	20.4	16.9	20.4	17	17.2	16.8	17.4
30LHE	16.8	20.7	16.8	20.8	16.9	20.6	16.8	20.7	17	20.6	16.8	20.7	17.1	20.5	17.1	20.6	16.9	17.2	16.8	17.3
40L	17.7	21.5	17.7	21.7	17.8	21.5	17.7	21.5	17.8	21.4	17.7	21.6	18	21.4	18	21.5	17.9	18.2	17.8	18.3
40LHE	17.8	21.6	17.8	21.8	17.9	21.6	17.8	21.6	18	21.5	17.7	21.6	18.1	21.5	18	21.6	17.9	18.1	17.7	18.2
48L	18.5	22.3	18.4	22.5	18.5	22.3	18.5	22.3	18.7	22.2	18.4	22.3	18.7	22.1	18.7	22.2	18.6	18.8	18.4	18.9
48LHE	18.3	22.2	18.3	22.3	18.4	22.1	18.3	22.2	18.5	22.1	18.3	22.2	18.6	22	18.6	22.1	18.8	19.1	18.7	19.2
60L	19.1	23	19.1	23.1	19.2	22.9	19.1	23	19.3	22.9	19.1	23	19.4	22.8	19.4	22.9	19.2	19.5	19.1	19.6
60LHE	19.1	22.9	19	23.1	19.1	22.9	19.1	22.9	19.3	22.8	19	22.9	19.3	22.7	19.3	22.8	19.2	19.4	19	19.5
72L	19.8	23.6	19.7	23.8	19.9	23.6	19.8	23.6	20	23.5	19.7	23.6	20.1	23.5	20	23.5	19.9	20.2	19.8	20.3
72LHE	19.7	23.6	19.7	23.7	19.8	23.5	19.7	23.6	19.9	23.5	19.7	23.6	20	23.4	20	23.5	19.8	20.1	19.7	20.2
85L	20.4	24.2	20.3	24.4	20.4	24.1	20.4	24.2	20.6	24.1	20.3	24.2	20.6	24	20.6	24.1	20.4	20.7	20.3	20.8
85LHE	20.2	24	20.2	24.2	20.3	24	20.2	24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	20.2	20.5	20.1	20.6
100L	20.8	24.7	20.8	24.8	20.9	24.6	20.8	24.7	21	24.6	20.8	24.7	21.1	24.5	21.1	24.6	20.9	21.2	20.7	21.3
120L	21.5	25.3	21.4	25.5	21.5	25.2	21.4	25.3	21.6	25.2	21.4	25.3	21.7	25.1	21.7	25.2	21.5	21.8	21.3	21.9

UGR Values of BLT 2x4 @ **80CRI** and 3500K
UGR (70% 50% 20% reflectance using a 4H x 8H room size)

UGR varies based on luminaire options and is affected by application dependent parameters. Numbers depicted here are considered "Luminaire-UGR and/or "Point-UGR" values.
To determine a more precise maximum UGR value ("Application-UGR"), a full lighting design layout should be completed with the selected luminaire configuration for each application

1X4 Performance Data					
Model Number	**Lumens**	**LPW**	**Watts**	**DLC Listing**	**DLC ID**
BLT4 15L ADP EZ1 (GZ1, GZ10) LP840 [All Options]	1576	135.27	11.7	Premium	PITJ7LZR
BLT4 15L ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	1549	132.93	11.7	Premium	PGT9ZM85
BLT4 20L ADP EZ1 (GZ1, GZ10) LP835 [All Options]	1965	124.83	15.7	Premium	P6TRMV97
BLT4 20L ADP EZ1 (GZ1, GZ10) LP840 [All Options]	2019	128.25	15.7	Premium	PYGYBGA4
BLT4 20L ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	1984	126.03	15.7	Premium	P62XJ7B5
BLT4 20L ADP EZ1 (GZ1, GZ10) LP835 [All Options]	1931	122.99	15.7		
BLT4 20L ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	1965	125.16	15.7		
BLT4 30L ADP EZ1 (GZ1, GZ10) LP835 [All Options]	2979	131.41	22.7	Premium	PFTQCVDN
BLT4 30L ADP EZ1 (GZ1, GZ10) LP840 [All Options]	3060	135.01	22.7	Premium	PXYBVAFH
BLT4 30L ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	2927	129.14	22.7	Premium	PQB9V6BJ
BLT4 30L ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	3007	132.68	22.7	Premium	P8UXM7NX
BLT4 40L ADP EZ1 (GZ1, GZ10) LP835 [All Options]	4010	125.04	32.1	Premium	PMYRQ49V
BLT4 40L ADP EZ1 (GZ1, GZ10) LP840 [All Options]	4120	128.47	32.1	Premium	PGGU8V31
BLT4 40L ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	4049	126.25	32.1	Premium	PUEDT9VY
BLT4 40L ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	3941	122.88	32.1	Standard	P42QKXVC
BLT4 48L ADP EZ1 (GZ1, GZ10) LP835 [All Options]	4851	125.02	38.8	Premium	PYZ4KMD4
BLT4 48L ADP EZ1 (GZ1, GZ10) LP840 [All Options]	4983	128.45	38.8	Premium	PQX799PT
BLT4 48L ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	4897	126.23	38.8	Premium	PNTGHKEN
BLT4 48L ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	4767	122.86	38.8	Standard	P22X8T1X
BLT4 60L ADP EZ1 (GZ1, GZ10) LP840 [All Options]	6212	127.58	48.7	Premium	P2DSW9MV
BLT4 60L ADP EZ1 (GZ1, GZ10) LP835 [All Options]	6046	124.18	48.7	Premium	PWMC3RXH
BLT4 60L ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	5941	122.03	48.7	Standard	P7JXFEX8
BLT4 60L ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	6104	125.38	48.7	Premium	PJZS4XAG

DLC information is subject to change, for the most up-to-date information please refer to www.dlc.org. Above listings do not cover 347v or SLD.

How to Estimate Delivered Lumens in Emergency Mode
Use the formula below to estimate the delivered lumens in emergency mode
Delivered Lumens = 1.25 x P x LPW
P = Ouput power of emergency driver. P = 10W for E10WLCP option. LPW = Lumen per watt rating of the luminaire. This information is available on the ABL luminaire spec sheet. LPW = Lumen per watt rating of the luminaire. LPW information available in Performance Data section.

1X4 HE Performance Data					
Model Number	**Lumens**	**LPW**	**Watts**	**DLC Listing**	**DLC ID**
BLT4 15LHE ADP EZ1 (GZ1, GZ10) LP835 [All Options]	1583	136.37	11.6	Premium	PTAG2QWR
BLT4 15LHE ADP EZ1 (GZ1, GZ10) LP840 [All Options]	1627	140.11	11.6	Premium	PW6HZMN4
BLT4 15LHE ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	1556	134.02	11.6	Premium	PM80L4KU
BLT4 15LHE ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	1599	137.69	11.6	Premium	P3SW8CV0
BLT4 20LHE ADP EZ1 (GZ1, GZ10) LP835 [All Options]	2027	128.39	15.8	Premium	PPE50BKI
BLT4 20LHE ADP EZ1 (GZ1, GZ10) LP840 [All Options]	2082	131.9	15.8	Premium	PNVCY7R2
BLT4 20LHE ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	1992	126.16	15.8	Premium	PH4BQPK3
BLT4 20LHE ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	2046	129.62	15.8	Premium	PX3ZLUGW
BLT4 30LHE ADP EZ1 (GZ1, GZ10) LP835 [All Options]	3074	135.32	22.7	Premium	PV0LKMTV
BLT4 30LHE ADP EZ1 (GZ1, GZ10) LP840 [All Options]	3159	139.02	22.7	Premium	PQSG0MWX
BLT4 30LHE ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	3021	132.98	22.7	Premium	P0YU2QG4
BLT4 30LHE ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	3104	136.62	22.7	Premium	P7IA04ZL
BLT4 40LHE ADP EZ1 (GZ1, GZ10) LP835 [All Options]	4063	130.84	31.1	Premium	PTFZPNFT
BLT4 40LHE ADP EZ1 (GZ1, GZ10) LP840 [All Options]	4175	134.43	31.1	Premium	PU2IGL4P
BLT4 40LHE ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	3993	128.58	31.1	Premium	PHHEA92E
BLT4 40LHE ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	4102	132.1	31.1	Premium	PPVT5JFT
BLT4 48LHE ADP EZ1 (GZ1, GZ10) LP835 [All Options]	4752	133.88	35.5	Premium	PJT47YU5
BLT4 48LHE ADP EZ1 (GZ1, GZ10) LP840 [All Options]	4882	137.55	35.5	Premium	PX9KVBY3
BLT4 48LHE ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	4669	131.56	35.5	Premium	PBQR558K
BLT4 48LHE ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	4797	135.17	35.5	Premium	PRTND692
BLT4 60LHE ADP EZ1 (GZ1, GZ10) LP835 [All Options]	5937	131.13	45.3	Premium	PD35F85D
BLT4 60LHE ADP EZ1 (GZ1, GZ10) LP840 [All Options]	6100	134.72	45.3	Premium	PYKY93GZ
BLT4 60LHE ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	5834	128.86	45.3	Premium	PM297Q4P
BLT4 60LHE ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	5994	132.39	45.3	Premium	PSB3FUK4

DLC information is subject to change, for the most up-to-date information please refer to www.dlc.org. Above listings do not cover 347v or SLD.

2X2 Performance Data					
Model Number	Lumens	LPW	Watts	DLC Listing	DLC ID
2BLT2 20L ADP EZ1 (GZ1, GZ10) LP840	2092	127.8	16.4	Premium	PM92196A
2BLT2 20L ADP EZ1 (GZ1, GZ10) LP835	2036	124.4	16.4	Premium	P6445UVD
2BLT2 20L ADPT EZ1 (GZ1, GZ10) LP840	2061	125.9	16.37		
2BLT2 20L ADPT EZ1 (GZ1, GZ10) LP835	2008	122.7	16.37		
2BLT2 33L ADP EZ1 (GZ1, GZ10) LP835	3300	124.6	26.5	Premium	PHSXHE8F
2BLT2 33L ADP EZ1 (GZ1, GZ10) LP840	3391	128.1	26.5	Premium	PD18CKQ8
2BLT2 33L ADPT EZ1 (GZ1, GZ10) LP840	3343	126.3	26.5	Premium	PF98CZ2H
2BLT2 33L ADPT EZ1 (GZ1, GZ10) LP835	3254	122.9	26.5	Premium	S-OIDCZL
2BLT2 40L ADP EZ1 (GZ1, GZ10) LP835	4034	130.2	31	Premium	P1XWW9GV
2BLT2 40L ADP EZ1 (GZ1, GZ10) LP840	4144	133.8	31	Premium	PHCQ2CQF
2BLT2 40L ADPT EZ1 (GZ1, GZ10) LP835	3977	128.4	31	Premium	PW6RMMJ4
2BLT2 40L ADPT EZ1 (GZ1, GZ10) LP840	4086	131.9	31	Premium	P5YYDAA8
2BLT2 48L ADP EZ1 (GZ1, GZ10) LP835	5022	117.2	42.9	Standard	PJRH1R1G
2BLT2 48L ADP EZ1 (GZ1, GZ10) LP840	5159	120.4	42.9	Standard	P8G93Y0K
2BLT2 48L ADPT EZ1 (GZ1, GZ10) LP835	4951	115.5	42.9	Standard	PITU3V6X
2BLT2 48L ADPT EZ1 (GZ1, GZ10) LP840	5087	118.7	42.9	Standard	P5X2XU76

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2X2 HE Performance Data					
Model Number	Lumens	LPW	Watts	DLC Listing	DLC ID
2BLT2 20LHE ADP EZ1 (GZ1, GZ10) LP835	1939	132.3	14.7	Premium	PUQCZNQI
2BLT2 20LHE ADP EZ1 (GZ1, GZ10) LP840	1992	135.9	14.7	Premium	PJCZRW21
2BLT2 20LHE ADPT EZ1 (GZ1, GZ10) LP840	1964	134.0	14.7	Premium	PLC4RF4L
2BLT2 33LHE ADP EZ1 (GZ1, GZ10) LP835	3247	133.0	24.4	Premium	PXXZN9PH
2BLT2 33LHE ADP EZ1 (GZ1, GZ10) LP840	3336	136.7	24.4	Premium	PKPJYYRF
2BLT2 33LHE ADPT EZ1 (GZ1, GZ10) LP835	3202	131.1	24.4	Premium	PZC8BZSS
2BLT2 33LHE ADPT EZ1 (GZ1, GZ10) LP840	3290	134.7	24.4	Premium	PM5G8AFU
2BLT2 40LHE ADP EZ1 (GZ1, GZ10) LP835	4044	135.5	29.9	Premium	PJ55XFFP
2BLT2 40LHE ADP EZ1 (GZ1, GZ10) LP840	4155	139.2	29.9	Premium	PEGFHPZD
2BLT2 40LHE ADPT EZ1 (GZ1, GZ10) LP835	3987	133.6	29.9	Premium	P8E16E9B
2BLT2 40LHE ADPT EZ1 (GZ1, GZ10) LP840	4096	137.2	29.9	Premium	PFRSSSVG
2BLT2 48LHE ADP EZ1 (GZ1, GZ10) LP835	4944	139.8	35.4	Premium	P558XUZP
2BLT2 48LHE ADP EZ1 (GZ1, GZ10) LP840	5080	143.6	35.4	Premium	P1863H56
2BLT2 48LHE ADPT EZ1 (GZ1, GZ10) LP835	4875	137.8	35.4	Premium	PHPTG5M8
2BLT2 48LHE ADPT EZ1 (GZ1, GZ10) LP840	5009	141.6	35.4	Premium	PBKN954Z

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How to Estimate Delivered Lumens in Emergency Mode
Use the formula below to estimate the delivered lumens in emergency mode

Delivered Lumens = 1.25 x P x LPW

P = Ouput power of emergency driver. P = 10W for E10WLCP option. LPW = Lumen per watt rating of the luminaire. This information is available on the ABL luminaire spec sheet. LPW = Lumen per watt rating of the luminaire. LPW information available in Performance Data section.

2X4 Performance Data					
Model Number	Lumens	LPW	Watts	DLC Listing	DLC ID
2BLT4 30L ADP EZ1 (GZ1, GZ10) LP835 [All Options]	3188	141.56	22.5	Premium	PWJDEMHS
2BLT4 30L ADP EZ1 (GZ1, GZ10) LP840 [All Options]	3276	145.44	22.5	Premium	P18J5GLD
2BLT4 30L ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	3201	142.13	22.5	Premium	P3HB2XSG
2BLT4 40L ADP EZ1 (GZ1, GZ10) LP835 [All Options]	4197	137.81	30.5	Premium	PDWKYXFD
2BLT4 40L ADP EZ1 (GZ1, GZ10) LP840 [All Options]	4312	141.58	30.5	Premium	PEYXAZWD
2BLT4 40L ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	4102	134.67	30.5	Premium	PS63CPK6
2BLT4 40L ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	4214	138.36	30.5	Premium	PK79UR9W
2BLT4 48L ADP EZ1 (GZ1, GZ10) LP835 [All Options]	5032	128.09	39.3	Premium	PJ9CK6C1
2BLT4 48L ADP EZ1 (GZ1, GZ10) LP840 [All Options]	5169	131.6	39.3	Premium	P9W2R5AK
2BLT4 48L ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	4917	125.17	39.3	Premium	PPFKZU3U
2BLT4 48L ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	5052	128.6	39.3	Premium	PC8HMCH9
2BLT4 60L ADP EZ1 (GZ1, GZ10) LP835 [All Options]	6083	130.54	46.6	Premium	PSJ6QERM
2BLT4 60L ADP EZ1 (GZ1, GZ10) LP840 [All Options]	6250	134.12	46.6	Premium	PVXQXPUV
2BLT4 60L ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	5944	127.57	46.6	Premium	PHT84BW4
2BLT4 60L ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	6107	131.06	46.6	Premium	PXV55BC8
2BLT4 72L ADP EZ1 (GZ1, GZ10) LP840 [All Options]	7493	126.6	59.2		
2BLT4 72L ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	7322	123.7	59.2		
2BLT4 72L ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	7322	123.69	59.2	Standard	PDQS3CYK
2BLT4 72L ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	7523	127.08	59.2	Standard	P2KKMMVN
2BLT4 85L ADP EZ1 (GZ1, GZ10) LP835 [All Options]	8572	128.43	66.7	Standard	PYD2G06V
2BLT4 85L ADP EZ1 (GZ1, GZ10) LP840 [All Options]	8699	130.33	66.7	Standard	P8Z4IV4X
2BLT4 85L ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	8377	125.5	66.7	Standard	PTZEW3QM
2BLT4 85L ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	8501	127.36	66.7	Standard	P01DMEK9
2BLT4 120L ADP EZ1 (GZ1, GZ10) LP835 [All Options]	11716	130.63	89.7	Standard	PGM4Y7DP
2BLT4 120L ADP EZ1 (GZ1, GZ10) LP840 [All Options]	11889	132.56	89.7	Standard	P0ODDCG2
2BLT4 120L ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	11449	127.65	89.7	Standard	PXM0FS09
2BLT4 120L ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	11619	129.54	89.7	Standard	PJ4GEBZM

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2X4 HE Performance Data					
Model Number	Lumens	LPW	Watts	DLC Listing	DLC ID
2BLT4 30LHE ADP EZ1 (GZ1, GZ10) LP835 [All Options]	3138	135.16	23.2	Premium	P7KEICW5
2BLT4 30LHE ADP EZ1 (GZ1, GZ10) LP840 [All Options]	3224	138.86	23.2	Premium	PD0M06BH
2BLT4 30LHE ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	3067	132.08	23.2	Premium	P7PZAJDZ
2BLT4 30LHE ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	3151	135.7	23.2	Premium	P2N23EBP
2BLT4 40LHE ADP EZ1 (GZ1, GZ10) LP835 [All Options]	4111	142.98	28.8	Premium	P67P6S5Y
2BLT4 40LHE ADP EZ1 (GZ1, GZ10) LP840 [All Options]	4224	146.9	28.8	Premium	P95UQD66
2BLT4 40LHE ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	4018	139.73	28.8	Premium	PC15DQEC
2BLT4 40LHE ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	4128	143.55	28.8	Premium	PGRCSJ2T
2BLT4 48LHE ADP EZ1 (GZ1, GZ10) LP835 [All Options]	5424	158.16	34.3	Premium	PXBJBGN8
2BLT4 48LHE ADP EZ1 (GZ1, GZ10) LP840 [All Options]	5573	162.5	34.3	Premium	P5PQ5RRX
2BLT4 48LHE ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	5301	154.56	34.3	Premium	P2NK2H33
2BLT4 48LHE ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	5446	158.8	34.3	Premium	PK8C1321
2BLT4 60LHE ADP EZ1 (GZ1, GZ10) LP835 [All Options]	5970	139.64	42.8	Premium	PQZN176R
2BLT4 60LHE ADP EZ1 (GZ1, GZ10) LP840 [All Options]	6134	143.46	42.8	Premium	PG5CYJUC
2BLT4 60LHE ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	5834	136.46	42.8	Premium	PZ72TAWM
2BLT4 60LHE ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	5994	140.19	42.8	Premium	PRC4W72B
2BLT4 72LHE ADP EZ1 (GZ1, GZ10) LP835 [All Options]	7275	144.19	50.5	Standard	PUB38GEQ
2BLT4 72LHE ADP EZ1 (GZ1, GZ10) LP840 [All Options]	7475	148.14	50.5	Standard	P7GDHZTN
2BLT4 72LHE ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	7110	140.91	50.5	Standard	P5CC2VKV
2BLT4 72LHE ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	7304	144.77	50.5	Standard	P6P1BKDM
2BLT4 85LHE ADP EZ1 (GZ1, GZ10) LP835 [All Options]	8162	130.76	62.4	Standard	PRTW6BXW
2BLT4 85LHE ADP EZ1 (GZ1, GZ10) LP840 [All Options]	8283	132.69	62.4	Standard	P6H1V2D6
2BLT4 85LHE ADPT EZ1 (GZ1, GZ10) LP835 [All Options]	7977	127.78	62.4	Standard	P1VG5TA3
2BLT4 85LHE ADPT EZ1 (GZ1, GZ10) LP840 [All Options]	8095	129.67	62.4	Standard	PN5BKJ6E

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