

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. **The lumen and color select-ability of the BLT allows the end user to choose from nine configurations in one fixture.** Simply toggle the integrated lumen and color switches to your desired settings and you are ready to go. BLT is truly the ultimate center element recessed fixture. U.S. Patent No. 10, 681, 784.

CONSTRUCTION — Prior to fabrication, BLT components are coated with a proprietary paint blend and die-formed for dimensional consistency. 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. **Certain airborne contaminants can diminish integrity of acrylic. [Click here for Acrylic Environmental Compatibility table for suitable uses.](#)** LED boards and drivers are accessible from the plenum.

INSTALLATION — The BLT's low profile design of only 2-3/8" provides increased installation flexibility especially in restrictive plenum applications. The BLT fits into standard 15/16" and narrow 9/16" T-grid ceiling systems. Suitable for damp location. For recessed mounting in hard ceiling applications, Drywall Grid Adapters (DGA) are available as an accessory. See Accessories section.

ELECTRICAL — Long-life LEDs, coupled with a high-efficiency driver, provide superior illumination for extended service life. Greater than 80% LED lumen maintenance at 60,000 hours (L80>60,000). 0-10V dimming driver, dims to 10% and contains non-isolated dimming leads.

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 high performance acrylic diffuser conceals LED's and efficiently delivers light in a volumetric distribution. Linear facets gives BLT a premium appearance.

LISTINGS — CSA certified to meet US and Canadian standards. Damp location listed. IC rated. 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/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

BLT ALO/SWW

2' x 2' and 2' x 4'



BLT 2X2



BLT 2X4

Specifications

Length 2X2: 23-3/4 (60.3)

Length 2X4: 47-3/4 (121.2)

Width: 23-3/4 (60.3)

Depth: 2-3/8 (6.0)

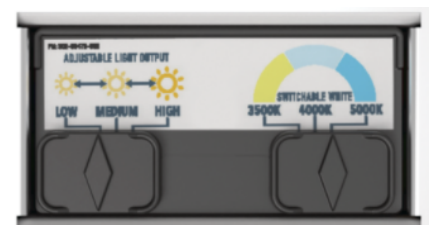
All dimensions are inches (centimeters) unless otherwise specified.



ORDERING INFORMATION

Catalog Number	UPC	Description	Lumens	Color Temperature	CRI	Voltage	Wattage	Efficacy	Pallet Qty.
BLT 2X2 ALO11 SWW7	194995104758	2X2 Switchable Troffer	See Switchable Table	3500K/4000K/5000K	>80	120-277	See Switchable Table	See Switchable Table	56
BLT 2X4 ALO12 SWW7	194995104765	2X4 Switchable Troffer	See Switchable Table	3500K/4000K/5000K	>80	120-277	See Switchable Table	See Switchable Table	28

Switchable Table						
Size(ft)	Nomenclature	Lumen Package	CCT	Lumens	Wattage	Efficacy
2x2	BLT 2X2 ALO11 SWW7	Low Lumen	3500K	2919	25.3	115.4
			4000K	2977	25.3	117.7
			5000K	3058	25.4	120.6
		Med Lumen	3500K	3653	33	110.7
			4000K	3725	33	112.9
			5000K	3828	33.1	115.7
		High Lumen	3500K	4095	38.3	106.9
			4000K	4177	38.3	109.1
			5000K	4291	38.4	111.8
2x4	BLT 2X4 ALO12 SWW7	Low Lumen	3500K	3519	28.5	123.3
			4000K	3574	28.5	125.5
			5000K	3640	28.4	128.2
		Med Lumen	3500K	4385	37.2	118
			4000K	4453	37.1	120.1
			5000K	4535	37	122.7
		High Lumen	3500K	4848	42.3	114.7
			4000K	4923	42.2	116.7
			5000K	5015	42.1	119.2



BLT Volumetric Recessed Lighting

ACCESSORIES

Accessories: Order as separate catalog number.	
DGA22	Drywall grid adapter for 2x2 recessed fixture.
DGA24	Drywall grid adapter for 2x4 recessed fixture.
2X2SMKSH	Multi-Use Surface Mount Kit 2x2, Shallow Depth
2X4SMKSH	Multi-Use Surface Mount Kit 2x4, Shallow Depth
2X2SMKSH PAF	Multi-Use Surface Mount Kit 2X2 Post-Paint
2X4SMKSH PAF	Multi-Use Surface Mount Kit 2X4 Post-Paint

Replacement Parts	
Replacement LED Board Kit	
RK1BLT 2X2 AL011 SWW7	LED board kit 2X2
RK1BLT 2X4 AL012 SWW7	LED board kit 2X4
Replacement Driver Kit	
RK2BLT 2X2 AL011 SWW7	Driver kit for 2X2
RK2BLT 2X4 AL012 SWW7	Driver kit for 2X4
Replacement Lens Kit	
2DBLT24 ADP LENS ASSEMBLY	Lens kit for 2X2
2DBLT48 ADP LENS ASSEMBLY	Lens kit for 2X4

BLT compatible with Sensor Switch™
[WSX-D](#) and [SPOD](#) wall switches.



WSX-D



SPOD

PHOTOMETRICS

See BLT Series - Low-Profile Recessed LED Luminaire (acuitybrands.com) for photometry reports.