

FEATURES & SPECIFICATIONS

INTENDED USE — The BLC troffer delivers soft, glare-free, ambient lighting in a popular center-basket design. The slim profile of the luminaire, coupled with energy-saving LED technology make the BLC an ideal choice for renovation or new construction. The BLC troffer offers a high-quality, cost-effective LED lighting solution for schools, offices, retail, healthcare facilities and other commercial spaces.

CONSTRUCTION — The reflector is finished with a highly reflective paint for improved aesthetics and increased light diffusion. 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. High performance extruded acrylic diffusers conceal LEDs and efficiently deliver light in a volumetric distribution.

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). 0-10 volt dimming driver. Dims to 10%. Driver disconnect provided where required to comply with US and Canadian codes.

INSTALLATION — With a depth of only 2-3/8", the BLC makes for an easy installation, especially in restrictive plenum applications. The BLC fits into standard 15/16" and narrow 9/16" T-grid ceiling systems. Battery packs are available for field installation. Suitable for damp location.

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

LISTINGS — CSA Certified to meet U.S. and Canadian standards. 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/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.

Catalog Number
Notes
Type

BLC Series LED

BLC

2'X2 and 2'X4'
LED



Specifications

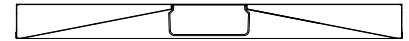
2X4 Length: 47-3/4 (121.2)

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

Width: 23-3/4 (60.3)

Depth: 2-3/8 (6.0)

All dimensions are inches (centimeters) unless otherwise specified.



Diffuser Type



Square Smooth

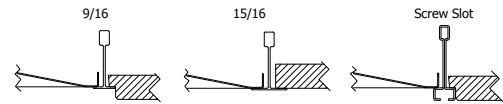
ORDERING INFORMATION

Catalog Number	UPC	Description	Lumens	Color Temperature	CRI	Voltage	Wattage	Efficacy	Pallet Qty
BLC 2X2 3300LM 35K	191848536469	2x2 Center Basket Troffer	3329	3500K	80	120-277	30	111	52
BLC 2X2 3300LM 40K	191848536506	2x2 Center Basket Troffer	3382	4000K	80	120-277	30	112	52
BLC 2X2 3300LM 50K	191848536520	2x2 Center Basket Troffer	3479	5000K	80	120-277	30	116	52
BLC 2X2 4000LM 35K	191848536544	2x2 Center Basket Troffer	4063	3500K	80	120-277	36	112	52
BLC 2X2 4000LM 40K	191848536551	2x2 Center Basket Troffer	4128	4000K	80	120-277	36	114	52
BLC 2X2 4000LM 50K	191848536568	2x2 Center Basket Troffer	4290	5000K	80	120-277	36	119	52
BLC 2X4 4000LM 35K	191848536575	2x4 Center Basket Troffer	4034	3500K	80	120-277	32	125	26
BLC 2X4 4000LM 40K	191848536629	2x4 Center Basket Troffer	4098	4000K	80	120-277	32	127	26
BLC 2X4 4000LM 50K	191848536612	2x4 Center Basket Troffer	4216	5000K	80	120-277	32	131	26
BLC 2X4 5000LM 35K	191848536636	2x4 Center Basket Troffer	4920	3500K	80	120-277	43	116	26
BLC 2X4 5000LM 40K	191848536599	2x4 Center Basket Troffer	4999	4000K	80	120-277	43	117	26
BLC 2X4 5000LM 50K	191848536605	2x4 Center Basket Troffer	5141	5000K	80	120-277	43	121	26

BLC Center Rectilinear Basket Troffer

Accessories: Order as separate catalog number.	
DGA24	Drywall grid adapter for 2x4 recessed fixture
DGA22	Drywall grid adapter for 2x2 recessed fixture
2X2SMKSH	2X2 Surface Mount Troffer Kit Pre Paint
2X2SMKSH PAF	2X2 Surface Mount Troffer Kit Post Paint
2X4SMKSH	2X4 Surface Mount Troffer Kit Pre Paint
2X4SMKSH PAF	2X4 Surface Mount Troffer Kit Post Paint
PS1050	LED emergency battery pack, 10W 50VDC (Noncompliant with CA T20)
PS1055LCP	LED emergency battery pack, 10W Constant Power, Self-Diagnostic, Certified in CA Title 20 MAEDBS
ELA PSRME IC	Remote enclosure for battery for insulated ceiling

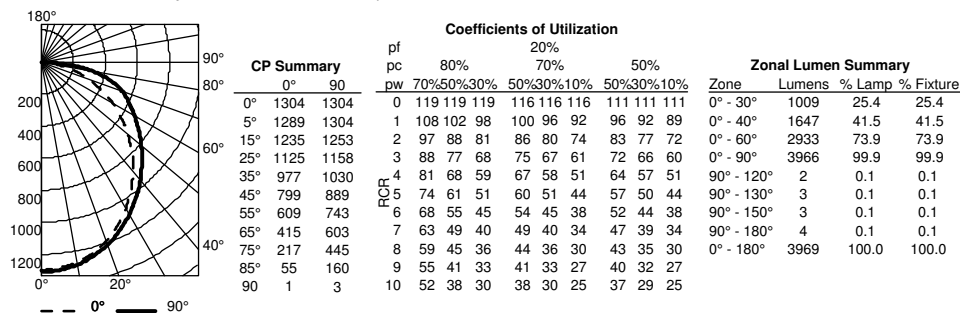
MOUNTING DATA	
Ceiling Type	Appropriate Trim Type
Exposed grid tee (1" and 9/16")	G
Concealed grid tee	G
Plaster or plasterboard	G*



*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 48-3/4" (Tolerance is +1/8", -0").

PHOTOMETRICS

BLC 2X2 40L LP835, 3970 Delivered Lumens, tested in accordance to IESNA LM-79.



BLC 2X4 40L LP835, 4003 Delivered Lumens, tested in accordance to IESNA LM-79.

