

BLT205 | BLT

1-25/32" wide sheet steel LED luminaire with drop lens



Project: _____ Type: _____



FEATURES

The BLT205 luminaire provides high performance with high value. The heavy gauge, sheet formed 1-25/32" wide steel housing is offered with rectangular or rounded profile frosted acrylic lenses and 90+CRI LEDs. Multiple driver, light output and mounting options enable this basic linear fixture to provide great versatility in applications. The BLT205 is Controls Capable, being offered with a variety of integrated control options.

Fixture with certain options available for 7-Day QuickShip.

SPECIFICATIONS

Housing is formed and welded, 20 ga. steel, chemically treated to resist corrosion and enhance paint adhesion.

Model variations offered in rectangular or rounded profiles for surface, wall mount and cable suspended applications.

Standard finishes as shown below.

Available as single fixtures in nominal lengths of 2'-8'.

Surface mount models include knock outs on the rear and surface or suspended models are available with optional end knock outs.

Standard integral 120-277V driver offered with 0-10V dimming or non-dim (other dimming driver options available).

Integral 120-277V emergency battery backup available for 4' nominal non-dim or 0-10V (consult factory for all other lengths/drivers).

Standard light outputs are 600, 800 or 1000 lumens per foot.

LEDs available in 2700K, 3000K, 3500K, and 4000K, within a 3 step MacAdam ellipse all with 90+ CRI typical.

Life: 50,000 hours L_{70} .

Bartco Lighting Controls Capable fixture available with integrated controls from a variety of suppliers (FOR RECTANGULAR PROFILE ONLY).

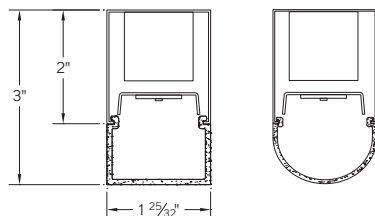
Limited five year warranty.

UL and C-UL listed for dry and damp locations.

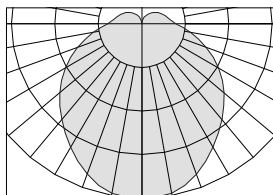


Highlighted fields denote QuickShip Options. See complete 7-Day QuickShip Terms and Conditions available at www.bartcolighting.com/quickship-products/. Purchase order must reference "QuickShip".

SECTION



DISTRIBUTION



PERFORMANCE

NOMINAL LENGTH	OUTPUT	LUMENS/ft.	WATTS/ft.	LUMINAIRE LUMENS	EFFICACY (LPW)
4'	L: low	600	5.7	2265	108
	R: regular	800	7.8	2942	101
	H: high	1000	9.0	4008	112

Note: All data reflects fixtures with 3500K LEDs and rectangular profile




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FIXTURE LENGTH	CORRELATED COLOR TEMPERATURE	DRIVER	LIGHT OUTPUT (lumens per foot)	OPTIC	OPTIONS	MOUNT	FINISH
2: 22-3/16"	27: 2700K-90+ CRI	ND: non-dimming	L: low - 600	A: rectangular lens profile	EK: add end knock-outs	SM: surface mount	AW: architectural white (semi-matte)
3: 33-3/16"	30: 3000K-90+ CRI	[Dimming]	R: regular - 800	B: round lens profile	ED: emergency driver (4' nom. non-dim or 0-10V only)	WD: wall mount direct light	WH: white (semi-gloss)
4: 44-3/16"	35: 3500K-90+ CRI	D: 0-10V, 1% (120V ONLY)	H: high - 1000		ES4: Philips EasySense SNS211 MC ‡	WI: wall mount indirect light	BL: black (semi-matte)
5: 55-3/16"	40: 4000K-90+ CRI	DLV: electronic low voltage, 1%, (120V ONLY)	CF: consult factory for custom output		CA1: Casambi CBU-A2D ‡	C4: cable mount 4' cable length	MB: matte black
6: 66-3/16"		HES: Lutron EcoSystem, soft-on/fade-to-black, 1%			NL1: nLight RES7 ‡	C8: cable mount 8' cable length	ESS: environmental satin silver
7: 77-3/16"		EL: eldoLED ECOdrive 0-10V, 1%			NL2: nLight RIO ‡	CF: consult factory for custom mounting	BZ: bronze
8: 88-3/16"		ES: eldoLED SOLOdrive 0-10V, 0.1%			LA1: Lutron Athena A-WN-D01-RF-WH ‡		PR: primer
		ELD: eldoLED ECOdrive DALI, 1%			LA2: Lutron Athena A-WN-D01-OCC-WH ‡		CF: consult factory for custom finish
		ESD: eldoLED SOLOdrive DALI, 0.1%					

‡ See Integrated Controls section for driver compatibility information.

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OPTIC		
ORDERING CODE	DESCRIPTION	SPECIFICATIONS
	A RECTANGULAR ACRYLIC	Frosted acrylic extrusion with rectangular profile
	B ROUNDED ACRYLIC	Frosted acrylic extrusion with rounded profile

OPTIONS		
ORDERING CODE	DESCRIPTION	SPECIFICATIONS
EK	ADD END KNOCK OUTS	<p>Ø 7/8" knock outs added at both fixture ends.</p> <p>Note: when any Control Option is added, only the end opposite the control receives a knock out.</p>
ED	EMERGENCY LED DRIVER	<ul style="list-style-type: none">• Universal 120-277V input voltage emergency driver delivers initial minimum power of 10W for 90 minutes.• Available for 4' nominal length non-dim or 0-10V fixture only (consult factory for all other lengths/drivers).





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OPTIONS – INTEGRATED CONTROLS

Note: Control option takes up 4" of the overall lens length. **AVAILABLE FOR RECTANGULAR PROFILE OPTION ONLY.** For "A" optic option, controls are mounted to 1" H sheet formed cover that conforms to the lens profile.



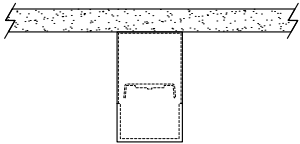
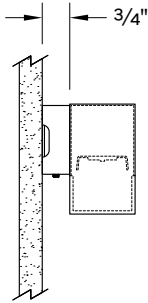
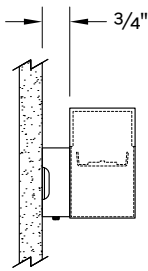
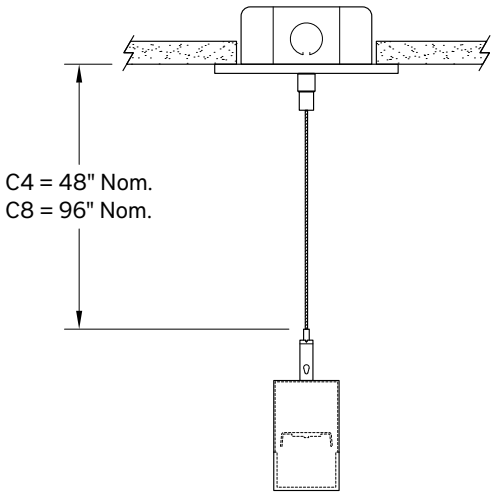
	ORDERING CODE	LIGHT OUTPUT SETTING	MODEL	CONTROL PROTOCOL	FUNCTIONS	COMPATIBLE DRIVERS
	ES4	Set during commissioning	SNS211 MC	Bluetooth Wireless	Occupancy, daylight harvesting and task tuning sensor with advance grouping, for use within a MasterConnect network.	Provided with Advance sensor ready series 0-10V dimming drivers.
	CA1	Set during commissioning	CBU-A2D	Bluetooth Wireless	0-10V/DALI driver controller, for use within a Casambi ecosystem.	For use with 0-10V or DALI drivers. Consult factory for details.
	NL1	Set during commissioning	RES7 ¹	Radio Wireless	Dimming, PIR occupancy detection and daylight harvesting, for use within an nLight AIR network.	Provided with Advance sensor ready series or eldoLED 0-10V drivers.
	NL2		RIO ¹		Dimming, for use within an nLight AIR network.	
	LA1	Set during commissioning	A-WN-D01-RF-WH	Radio Wireless	Dimming only for use with an Athena control system.	Provided with Advance sensor ready series or eldoLED 0-10V or eldoLED DALI-2 drivers.
	LA2		A-WN-D01-OCC-WH		Dimming, PIR occupancy and daylight sensor for use with an Athena control system.	

1. Consult your Acuity representative for application-specific model number.

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MOUNTING

	ORDERING CODE	DESCRIPTION
	SM	<div>SURFACE MOUNT</div> <p>Use appropriate fastener through Ø 3/16" holes in housing</p>
	WD	<div>WALL MOUNT – DIRECT ORIENTATION</div> <p>Mounting option includes:</p> <ul style="list-style-type: none">1-7/8" H x 4-1/2" W sheet aluminum bracket projects the fixture housing 3/4" from the wall surface
	WI	<div>WALL MOUNT – INDIRECT ORIENTATION</div> <p>Mounting option includes:</p> <ul style="list-style-type: none">1-7/8" H x 4-1/2" W sheet aluminum bracket projects the fixture housing 3/4" from the wall surface
	C4 and C8	<div>CABLE MOUNT</div> <p>Mounting option includes:</p> <ul style="list-style-type: none">Ø 1/16" x 48" (C4) or 96" (C8) aircraft cables60" (C4) or 108" (C8) power cable in coordinating finishBracket barsØ 5" white canopiesCeiling couplersSide exit cable grippers

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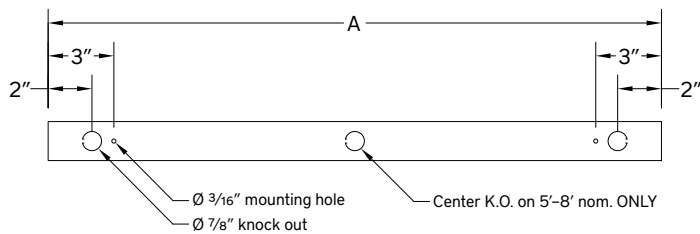
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LENGTH / MOUNTING DIMENSIONS

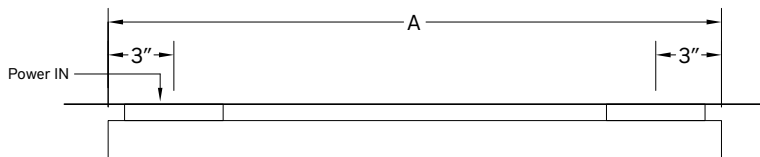
ORDERING CODE	LENGTH A*	LENGTH B*
2	22-3/16"	16-3/16"
3	33-3/16"	27-3/16"
4	44-3/16"	38-3/16"
5	55-3/16"	49-3/16"
6	66-3/16"	60-3/16"
7	77-3/16"	71-3/16"
8	88-3/16"	82-3/16"

LENGTH INFORMATION

Back Plan - Surface Mount Option



Plan - WI or WD Wall Mount Option



Side View - Cable Mount Option

