

BLT215 | BLT

3-1/8" wide sheet steel LED luminaire with drop lens



Project: _____ Type: _____



FEATURES

The BLT215 luminaire provides high performance with high value. The heavy gauge, sheet formed steel housing is offered in a 3-1/8" x 4" rectangular profile with a three-sided frosted acrylic lens. Multiple driver, light output and mounting options enable this basic linear fixture to provide great versatility in applications. The BLT215 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 for surface 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, 840 or 1135 lumens per foot.

LEDs available in 3000K, 3500K, 4000K, 5000K, within a 3 step MacAdam ellipse, all with 80+ CRI typical.

Life: 50,000 hours L_{70} .

Bartco Lighting Controls Capable fixture available with integrated controls from a variety of suppliers.

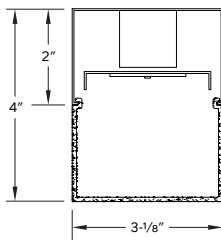
Limited five year warranty.

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

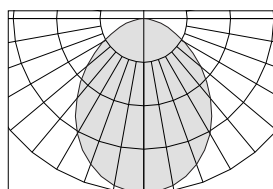


Highlighted fields denote QuickShip Options. See complete 7-Day QuickShip Terms and Conditions available at www.bartcolighting.com/quickship-products/. Purchase order must reference "QuickShip".

SECTION



DISTRIBUTION



PERFORMANCE

Note: All data reflects fixture with 3500K LEDs

NOMINAL LENGTH	OUTPUT	LUMENS/ft.	WATTS/ft.	LUMINAIRE LUMENS	EFFICACY (LPW)
4'	L: low	600	5.0	2177	117
	R: regular	840	7.8	3100	108
	H: high	1135	11.1	4189	102



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FIXTURE LENGTH	CORRELATED COLOR TEMPERATURE	DRIVER	LIGHT OUTPUT (lumens per foot)	OPTIC	OPTIONS	MOUNT	FINISH
2: 22-5/16"	30: 3000K-80+ CRI	ND: non-dimming [Dimming]	L: low - 600	A: rectangular lens profile	EK: add end knock-outs	SM: surface mount	AW: architectural white (semi-matte)
3: 33-5/16"	35: 3500K-80+ CRI	D: 0-10V, 1%	R: regular - 840		ED: emergency driver (4' nom. non-dim or 0-10V only)	WD: wall mount direct light	WH: white (semi-gloss)
4: 44-5/16"	40: 4000K-80+ CRI	DTR: triac, 1%, (120V ONLY)	H: high - 1135		WS1A: Wattstopper FS-205, 100%-0% ‡	WI: wall mount indirect light	BL: black (semi-matte)
5: 55-5/16"	50: 5000K-80+ CRI	DLV: electronic low voltage, 1%, (120V ONLY)	CF: consult factory for custom output		WS1B: Wattstopper FS-205, 100%-50% ‡	C4: cable mount 4' cable length	MB: matte black
6: 66-5/16"		HES: Lutron EcoSystem, soft-on/fade-to-black, 1%		EN1: Enlighted FS-D22 ‡		C8: cable mount 8' cable length	ESS: environmental satin silver
7: 77-5/16"		EL: eldoLED ECOdrive 0-10V, 1%		ES4: Philips EasySense SNS211 MC ‡		CF: consult factory for custom mounting	BZ: bronze
8: 88-5/16"		ES: eldoLED SOLOdrive 0-10V, 0.1%		CA1: Casambi CBU-A2D ‡			PR: primer
		ELD: eldoLED ECOdrive DALI, 1%		NL1: nLight RES7 ‡			CF: consult factory for custom finish
		ESD: eldoLED SOLOdrive DALI, 0.1%		NL2: nLight RIO ‡			
				LA1: Lutron Athena A-WN-D01-RF-WH ‡			
				LA2: Lutron Athena A-WN-D01-OCC-WH ‡			

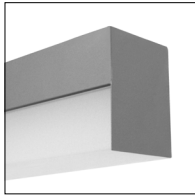
‡ See Integrated Controls section for driver compatibility information.

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OPTIC

ORDERING CODE	DESCRIPTION	SPECIFICATIONS
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A

RECTANGULAR ACRYLIC

Frosted acrylic extrusion with rectangular profile

OPTIONS

ORDERING CODE	DESCRIPTION	SPECIFICATIONS
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EK

ADD END KNOCK OUTS

Ø 7/8" knock outs added at both fixture ends.

Note: when any Control Option is added, only the end opposite the control receives a knock out.

ED

EMERGENCY LED DRIVER

- 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. 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
 WATTSTOPPER®	WS1A	100% – 0% ¹	FS-205	N/A	PIR occupancy and light level sensor.	For use with on/off or 0-10V dimming drivers only.
	WS1B	100% – 50% ¹				
	EN1	Set during commissioning	FS-D22	Bluetooth Wireless	PIR occupancy, ambient light sensing, daylight harvesting, and environment monitoring for use within an Enlighted control network.	Provided with Advance sensor ready series 0-10V dimming drivers.
 EasySense	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 ²	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 ²		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 factory for custom light output setting.

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

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MOUNTING

	ORDERING CODE	DESCRIPTION
	SM	<p>SURFACE MOUNT</p> <p>Use appropriate fastener through $\text{Ø}3/16"$ holes in housing</p>
	WD	<p>WALL MOUNT - DIRECT ORIENTATION</p> <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	<p>WALL MOUNT - INDIRECT ORIENTATION</p> <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
<p>C4 = 48" Nom. C8 = 96" Nom.</p>	C4 and C8	<p>CABLE MOUNT</p> <p>Mounting option includes:</p> <ul style="list-style-type: none"> • $\text{Ø} 1/16"$ x 48" (C4) or 96" (C8) aircraft cables • 60" (C4) or 108" (C8) power cable in coordinating finish • Bracket bars • $\text{Ø} 5"$ white canopies • Ceiling couplers • Side exit cable grippers

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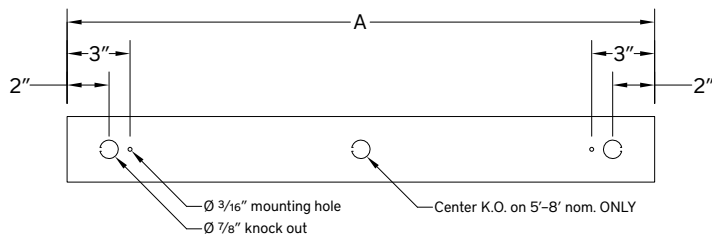
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LENGTH / MOUNTING DIMENSIONS

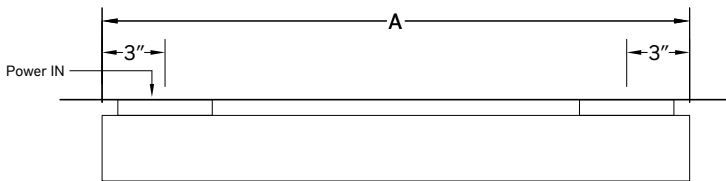
ORDERING CODE	LENGTH A	LENGTH B
2	22-5/16"	16-5/16"
3	33-5/16"	27-5/16"
4	44-5/16"	38-5/16"
5	55-5/16"	49-5/16"
6	66-5/16"	60-5/16"
7	77-5/16"	71-5/16"
8	88-5/16"	82-5/16"

LENGTH INFORMATION

Back Plan - Surface Mount Option



Plan - WI or WD Wall Mount Option



Side View - Cable Mount Option

