BLT215 | **BLT**

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

b a r t c o
VISIONS BROUGHT TO LIGHT™

Project: _____   Type: _____

SECTION

2"
4"
3-1/8"

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.

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
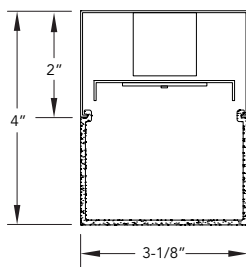
Life: 50,000 hours L_{70}

Passive infrared occupancy sensor available

Limited five year warranty

UL and C-UL listed for dry and damp locations

PERFORMANCE

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

Note: All data reflects fixtures with 3500K LEDs
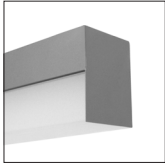
BLT215 –

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| FIXTURE LENGTH	CORRELATED COLOR TEMPERATURE	DRIVER	LIGHT OUTPUT (lumens per foot)	LENS	OPTIONS	MOUNT	FINISH
2: 22-5/16"	30: 3000K-80+ 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: 33-5/16"	35: 3500K-80+ CRI	**[Dimming]**	R: regular – 840		ED: emergency driver (4' nom. non-dim or 0-10V only)	C4: cable mount 4' cable length	WH: white (semi-gloss)
4: 44-5/16"	40: 4000K-80+ CRI	DM: 0-10V, 1%	H: high – 1135		S1A: occ sensor pos.1, 100% – 0% (see options section)	C8: cable mount 8' cable length	BL: black (semi-matte)
5: 55-5/16"	50: 5000K-80+ CRI	HES: Lutron EcoSystem, soft-on/fade-to-black, 1%	CF: consult factory for custom output		S1B: occ sensor pos.1, 100% – 50% (see options section)	CF: consult factory for custom mounting	MB: matte black
6: 66-5/16"		H2: Lutron Hi-lume 2-wire forward phase, 1%, (120V ONLY)			S2A: occ sensor pos.2, 100% – 0% (see options section)		ESS: environmental satin silver
7: 77-5/16"		EL: eldoLED ECOdrive, 0-10V, 1%			S2B: occ sensor pos.2, 100% – 50% (see options section)		BZ: bronze
8: 88-5/16"		ES: eldoLED SOLOdrive 0-10V, 0.1%			S3A: occ sensor pos.3, 100% – 0% (see options section)		PR: primer
		ELD: eldoLED ECOdrive DALI, 1%			S3B: occ sensor pos.3, 100% – 50% (see options section)		CF: consult factory for custom finish
		ESD: eldoLED SOLOdrive DALI, 0.1%					

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LENS

	ORDERING CODE	DESCRIPTION	SPECIFICATIONS
	A	RECTANGULAR ACRYLIC	Frosted acrylic extrusion with rectangular profile

OPTIONS

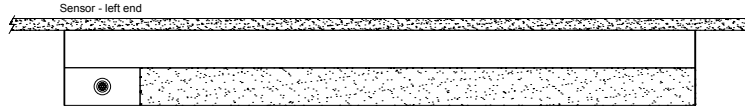| ORDERING CODE	DESCRIPTION	SPECIFICATIONS
EK	ADD END KNOCK OUTS	Ø 7/8" knock outs added at both fixture ends
ED	EMERGENCY LED DRIVER	• Universal 120-277V input voltage emergency driver delivers initial minimum power of 10W for 90 minutes • Available for 4' nominal length non-dim or 0-10V fixture only (consult factory for all other lengths/drivers)
	OCCUPANCY SENSOR	• Passive infrared occupancy sensor with hold-off daylighting adjustment (10-120 foot candles) and time delay adjustment from 30 seconds to 30 minutes • Sensor adds 4" to overall fixture length • Consult factory for custom output
S1A	Occupancy sensor – position 1, 100% – 0%	Sensor located on the top at an end, with 100% – 0% light output setting
S1B	Occupancy sensor – position 1, 100% – 50%	Sensor located on the top at an end, with 100% – 50% light output setting
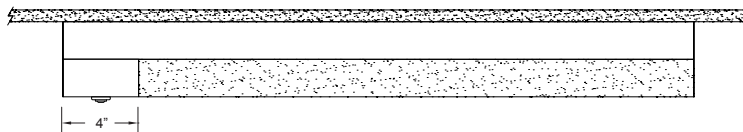
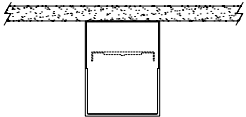|		
S2A	Occupancy sensor – position 2, 100% – 0%	Sensor located on the side at the **right** end, with 100% – 0% light output setting
S2B	Occupancy sensor – position 2, 100% – 50%	Sensor located on the side at the **right** end, with 100% – 50% light output setting
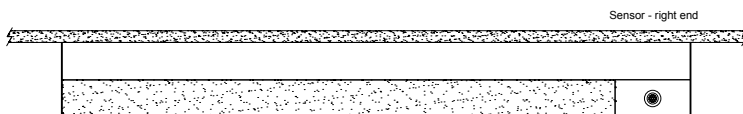
Sensor - right end
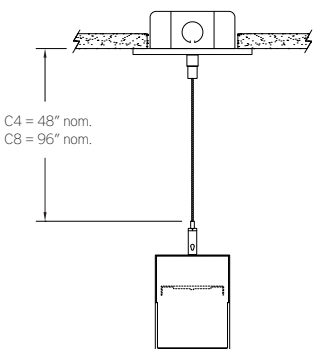
OPTIONS

ORDERING CODE	DESCRIPTION	SPECIFICATIONS
S3A	Occupancy sensor – position 3, 100% – 0%	Sensor located on the side at the **left** end, with 100% – 0% light output setting
S3B	Occupancy sensor – position 3, 100% – 50%	Sensor located on the side at the **left** end, with 100% – 50% light output setting

Sensor - left end

MOUNTING

	ORDERING CODE	DESCRIPTION
	SM	SURFACE MOUNT Use appropriate fastener through Ø3/16" holes in housing
C4 = 48" nom. C8 = 96" nom.	C4 and C8	CABLE MOUNT Mounting option includes: • Ø 1/16"x 48" (C4) or 96" (C8) aircraft cables • 60" (C4) or 108" (C8) power cable (in coordinating finish) • Bracket bars • Ø 5" white canopies • Ceiling couplers • Side exit cable grippers

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## LENGTH / MOUNTING DIMENSIONS

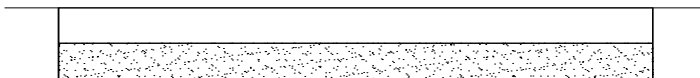| ORDERING CODE	LENGTH A*	LENGTH B*
2	22-5/16"	16-5/16"
3	33-5/16"	27-5/16"
4	44-5/16"	38-5/16"
5	55-5/16"	49-5/16"
6	66-5/16"	60-5/16"
7	77-5/16"	71-5/16"
8	88-5/16"	82-5/16"

* Add 4" to "A" and "B" dimension when using the S1, S2 or S3 occupancy sensor option

LENGTH INFORMATION

Back Plan - Surface Mount Single Fixture Option

A

3"
2"
3"
2"

Ø ³⁄₁₆" mounting hole
Ø ⅞" knock out

Center K.O. on nominal 56", 67", 78" and 89" ONLY
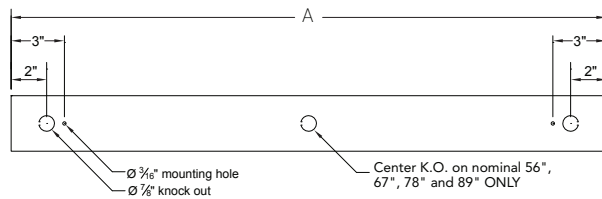
Side View - Surface Mount Single Fixture Option

Side View - Cable Mount Single Fixture Option

A
B
3"
3"