BLT210 | BLT

2-1/8" wide sheet steel LED luminaire with drop lens

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VISIONS BROUGHT TO LIGHT™

Project: _____ Type: _____

shown with end knock-out option
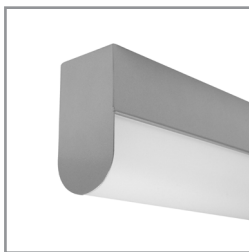
FEATURES

The BLT210 luminaire provides high performance with high value. The heavy gauge, sheet formed 2-1/8" wide steel housing is offered with rectangular or round 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. Fixture with certain options available for 3-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 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 635, 865 or 1315 lumens per foot

LEDs available in 2700K, 3000K, 3500K, and 4000K, within a 3 step MacAdam ellipse, all with 90+ CRI typical
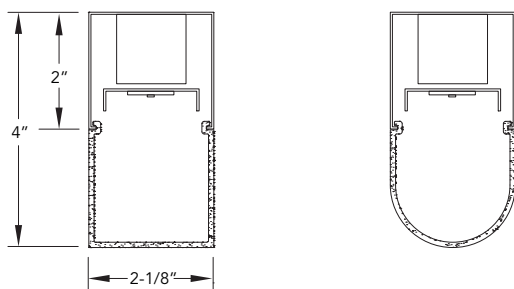
Life: 50,000 hours L_{70}

Passive infrared occupancy sensor available (FOR RECTANGULAR PROFILE ONLY)

Limited five year warranty

UL and C-UL listed for dry and damp locations

SECTION

PERFORMANCE

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

NOMINAL LENGTH	OUTPUT	LUMENS/ft.	WATTS/ft.	LUMINAIRE LUMENS	EFFICACY (LPW)
4'	L: low	635	5.5	2347	116
	R: regular	865	7.7	3195	113
	H: high	1315	12.5	4852	105
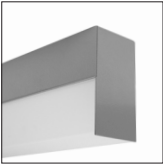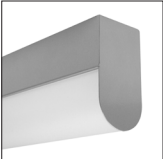
BLT210 –

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| FIXTURE LENGTH	CORRELATED COLOR TEMPERATURE	DRIVER	LIGHT OUTPUT (lumens per foot)	LENS	OPTIONS	MOUNT	FINISH
2: 22-5/16"	27: 2700K-90+ CRI	ND: non-dimming	A: rectangular lens profile	EK: add end knock-outs	SM: surface mount	AW: architectural white (semi-matte)
3: 33-5/16"	30: 3000K-90+ CRI	**[Dimming]**	L: low – 635	B: round lens profile	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"	35: 3500K-90+ CRI	DM: 0-10V, 1%	R: regular – 865		S1A: occ sensor pos.1, 100% – 0% (see options section)	C8: cable mount 8' cable length	BL: black (semi-matte)
5: 55-5/16"	40: 4000K-90+ CRI	HES: Lutron EcoSystem, soft-on/fade-to-black, 1%	H: high – 1315		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)	CF: consult factory for custom output		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%					

QuickShip

Highlighted fields denote QuickShip Options. See Complete 3-Day QuickShip Terms and Conditions available at www.bartcolighting.com/quickship. Purchase order must reference "QuickShip".

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LENS

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

OPTIONS

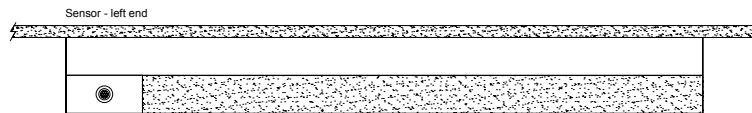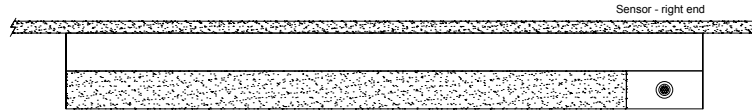| ORDERING CODE	DESCRIPTION	SPECIFICATIONS
EK	ADD END KNOCK OUTS	Ø 7/8" knock outs added at both fixture ends **Note: when the S1 option is added, only the end opposite the sensor receives a knock out**
ED	EMERGENCY LED DRIVER	• Universal 120-277V input voltage emergency driver delivers initial minimum 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)
	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 • AVAILABLE FOR RECTANGULAR PROFILE ONLY • 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
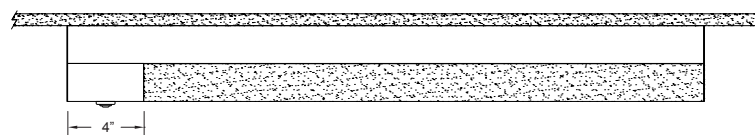
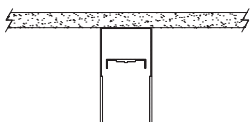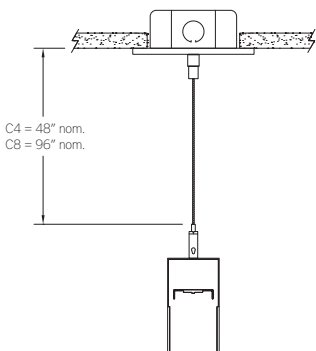|← 4" →|

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ORDERING CODE	DESCRIPTION	SPECIFICATIONS
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

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 and C8	CABLE MOUNT

C4 = 48" nom.
C8 = 96" nom.

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

C8 mounting option available for QuickShip

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LENGTH / MOUNTING DIMENSIONS

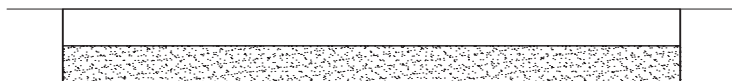| ORDERING CODE	LENGTH A*	LENGTH B*
2	22-5/16"	16-5/16"
3	33-5/16"	27-5/16"
4	44-5/16"	38-5/16"
5	55-5/16"	49-5/16"
6	66-5/16"	60-5/16"
7	77-5/16"	71-5/16"
8	88-5/16"	82-5/16"

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

LENGTH INFORMATION

Back Plan - Surface Mount Option

A

3"   3"
2"   2"

Ø 3/16" mounting hole
Ø 7/8" knock out

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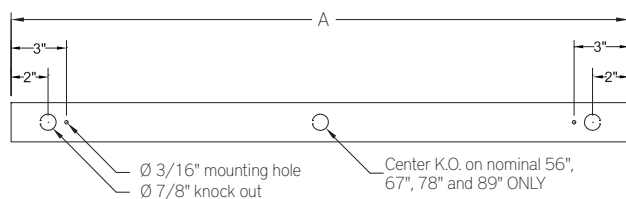
Side View - Surface Mount Option

Side View - Cable Mount Option

A
B
3"   3"