

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. Fixture with certain options available for 10-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 or 800 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 L₇₀

Passive infrared occupancy sensor available (FOR RECTANGULAR PROFILE ONLY)

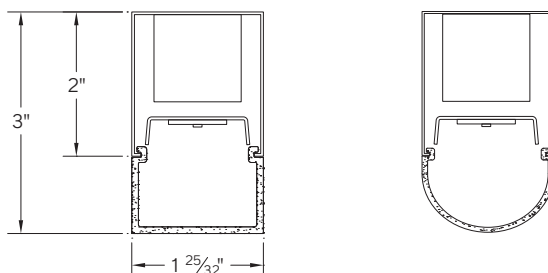
Limited five year warranty

UL and C-UL listed for dry and damp locations



Highlighted fields denote QuickShip Options. See complete 10-Day QuickShip Terms and Conditions available at www.bartcolighting.com/quickship-products/ Purchase order must reference "QuickShip".

SECTION



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 |

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



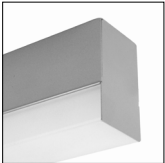
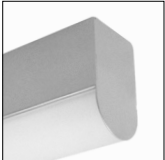
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| FIXTURE LENGTH | CORRELATED COLOR TEMPERATURE | DRIVER | LIGHT OUTPUT (lumens per foot) | LENS | OPTIONS | MOUNT | FINISH |
|----------------|------------------------------|--|---------------------------------------|-----------------------------|---|---|---------------------------------------|
| 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% | CF: consult factory for custom output | | S1A: occ sensor pos.1, 100% - 0% (see options section) | WI: wall mount indirect light | BL: black (semi-matte) |
| 5: 55-3/16" | 40: 4000K-90+ CRI | DTR: triac, 1%, (120V ONLY) | | | S1B: occ sensor pos.1, 100% - 50% (see options section) | C4: cable mount 4' cable length | MB: matte black |
| 6: 66-3/16" | | DLV: electronic low voltage, 1%, (120V ONLY) | | | | C8: cable mount 8' cable length | ESS: environmental satin silver |
| 7: 77-3/16" | | HES: Lutron EcoSystem, soft-on/fade-to-black, 1% | | | | CF: consult factory for custom mounting | BZ: bronze |
| 8: 88-3/16" | | EL: eldoLED ECOdrive 0-10V, 1% | | | | | PR: primer |
| | | ES: eldoLED SOLOdrive 0-10V, 0.1% | | | | | CF: consult factory for custom finish |
| | | ELD: eldoLED ECOdrive DALI, 1% | | | | | |
| | | ESD: eldoLED SOLOdrive DALI, 0.1% | | | | | |

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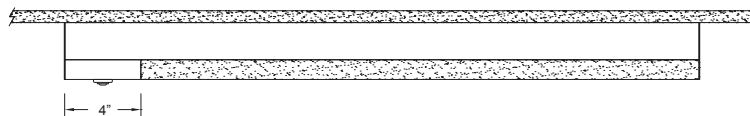
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LENS

| 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 | <p>Ø 7/8" knock outs added at both fixture ends</p> <p>Note: when the S1 option is added, only the end opposite the sensor 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) |
| | OCCUPANCY SENSOR | <ul style="list-style-type: none"> • 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 |



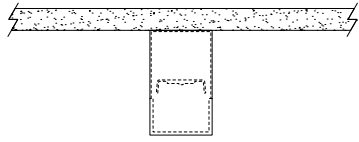
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MOUNTING

ORDERING CODE

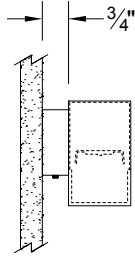
DESCRIPTION



SM

SURFACE MOUNT

Use appropriate fastener through $\varnothing 3/16"$ holes in housing

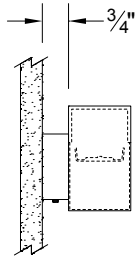


WD

WALL MOUNT - DIRECT ORIENTATION

Mounting option includes:

- 1-7/8" H x 2-1/2" W aluminum bracket projects the fixture housing 3/4" from the wall surface

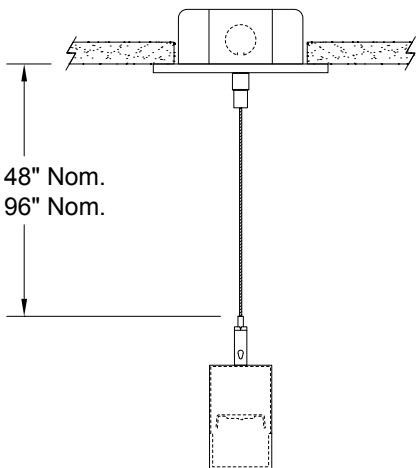


WI

WALL MOUNT - INDIRECT ORIENTATION

Mounting option includes:

- 1-7/8" H x 2-1/2" W aluminum bracket projects the fixture housing 3/4" from the wall surface



C4 and C8

CABLE MOUNT

Mounting option includes:

- $\varnothing 1/16"$ x 48" (C4) or 96" (C8) aircraft cables
- 60" (C4) or 108" (C8) power cable in coordinating finish
- Bracket bars
- $\varnothing 5"$ white canopies
- Ceiling couplers
- Side exit cable grippers

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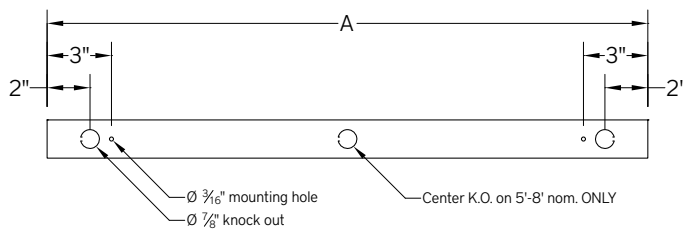
LENGTH / MOUNTING DIMENSIONS

| 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" |

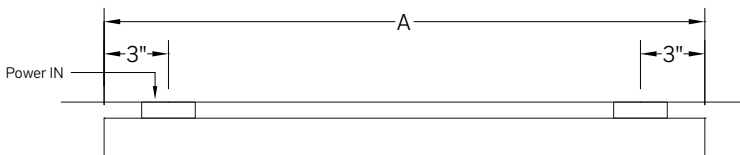
* Add 4" to "A" and "B" dimension when using the S1 occupancy sensor option

LENGTH INFORMATION

Back Plan - Surface Mount Option



Plan - WI or WD Wall Mount Option



Side View - Cable Mount Single Fixture Option

