

BLT215 | BLT

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

Project: _____ Type: _____



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".

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} .

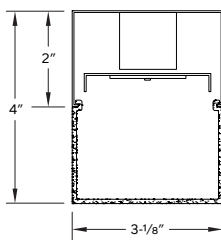
Bartco Lighting Controls Capable fixture available with integrated controls from a variety of suppliers.

Limited five year warranty.

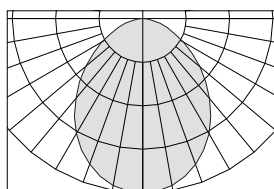
UL and C-UL listed for dry and damp locations.



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 |

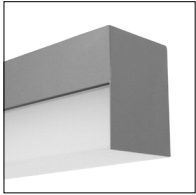
BLT215 -

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

‡ See Integrated Controls section for driver compatibility information.

BLT215 | BLT

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| OPTIC | | |
|-----------------------------------------------------------------------------------|--------------------------|----------------------------------------------------|
| ORDERING CODE | DESCRIPTION | SPECIFICATIONS |
|  | A RECTANGULAR ACRYLIC | Frosted acrylic extrusion with rectangular 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). |

BLT215 | BLT






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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.



Controls Capable

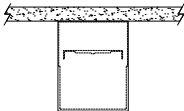
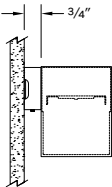
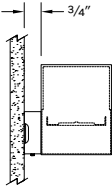
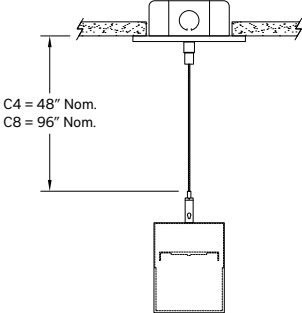
| | ORDERING CODE | LIGHT OUTPUT SETTING | MODEL | CONTROL PROTOCOL | FUNCTIONS | COMPATIBLE DRIVERS |
|---------------------------------------------------------------------------------------------------|---------------|--------------------------|-------------------|--------------------|----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  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 | | | | |
|  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 | SURFACE MOUNT Use appropriate fastener through Ø3/16" holes in housing |
|  | WD | WALL MOUNT – DIRECT ORIENTATION Mounting option includes: <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 | WALL MOUNT – INDIRECT ORIENTATION Mounting option includes: <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 | CABLE MOUNT Mounting option includes: <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 |

BLT215 | BLT

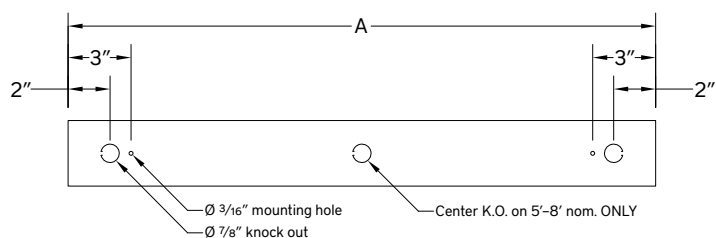
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LENGTH / MOUNTING DIMENSIONS

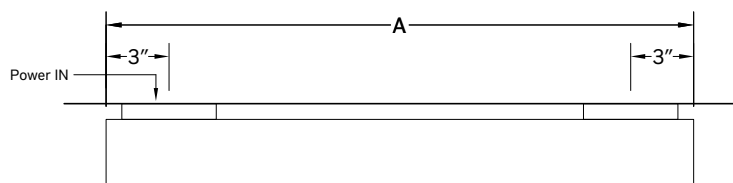
| ORDERING CODE | LENGTH A | LENGTH B |
|---------------|----------|----------|
| 2 | 22-5/16" | 16-5/16" |
| 3 | 33-5/16" | 27-5/16" |
| 4 | 44-5/16" | 38-5/16" |
| 5 | 55-5/16" | 49-5/16" |
| 6 | 66-5/16" | 60-5/16" |
| 7 | 77-5/16" | 71-5/16" |
| 8 | 88-5/16" | 82-5/16" |

LENGTH INFORMATION

Back Plan - Surface Mount Option



Plan - WI or WD Wall Mount Option



Side View - Cable Mount Option

