

Project _____

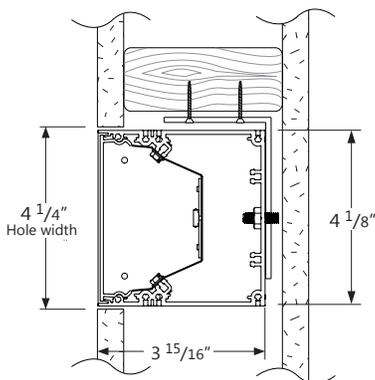
Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT AT 3500K

| NOMINAL LUMEN OUTPUT | INPUT WATTS* | EFFICACY | SHIELDING |
|----------------------|--------------|----------|-----------|
| 1200 lm/ft | 9.7 W/ft | 124 lm/W | FL |
| 1200 lm/ft | 10.4 W/ft | 116 lm/W | UB |

Please consult factory for custom lumen output and wattage.



* Check the latest update on the DLC website for complete information. Not all versions may be DLC qualified.
See page 2 for DLC Approved options



Ordering Guide

| BBRVLED | | NOM. LUMENS/FT | | CRI | | COLOR TEMP. (choose one) | | | | SHIELDING | | LENGTH | |
|-------------------|------------------------------|---|----------------------|----------------------------|---------|--|----------------|----------------|-----------------------------|--|--------------------|-------------|------------|
| PRODUCT ID | Beam 4 Recessed Vertical LED | 400 | 400 lm/ft - Minimum | 80 | 80 CRI | 27 | 2700 K | TW2750 | 2700-5000 K - Tunable White | FL | flush lens* | 2 | 2' |
| | | 1200 | 1200 lm/ft - Maximum | 90 | 90 CRI* | 30 | 3000 K | TW2765 | 2700-6500 K - Tunable White | UB | Ultra blend lens** | 3 | 3' |
| | | | | | | 35 | 3500 K | BTW3527 | 3500-2700 K - Tunable BIOS | | | 4 | 4' |
| | | | | | | 40 | 4000 K | BTW4027 | 4000-2700 K - Tunable BIOS | | | 5 | 5' |
| | | | | | | B30 | 3000 K - BIOS* | | | | | 6 | 6' |
| | | | | | | B35 | 3500 K - BIOS* | | | | | 8 | 8' |
| | | | | | | B40 | 4000 K - BIOS* | | | | | 12 | 12' |
| | | | | | | | | | | | | S(L) | system run |
| | | Outputs between listed min and max are available. Consult factory for outputs outside of the listed range. Consult factory for max output with BIOS | | * Not available with BIOS. | | Consult Axitune technical sheet for more information on color technology. *Consult BIOS guide for more information on BIOS technology | | | | *Lens options use spotless lens. See page 2 for more details. ** Default lens for Tunable white and BIOS. Consult factory for other lens. | | | |

| FINISH | | VOLTAGE | | DRIVER | | CIRCUITS | | MOUNTING | | BATTERY (OPTIONAL) | |
|----------|--------|------------------------------------|--------------|---|----------------------------------|--------------------|----------------------------|-----------|------------------------|---|--------------------------|
| W | white | 120 | 120 V | DP | dimming (0-10V) 1% | 1 | 1 circuit | DF | drywall flange | B(#) | battery pack 4' sections |
| C | custom | 277 | 277 V | LT(#) | Lutron* | 2 | 2 circuits | DS | drywall spackle flange | | |
| | | 347 | 347 V | BI | bi-level dimming | +E(#) | emergency circuit* | D | drywall flangeless | | |
| | | UNV | universal | O(#) | other** | +NL(#) | night light circuit* | | | | |
| | | DC | low voltage* | DPB(STC) | dimming (0-10V) 1% with BIOS* | +GTD(#) | generator transfer device* | | | | |
| | | | | DPB(DYN) | Bio-dimming™ 100%-81% with BIOS* | | | | | | |
| | | | | TW(#) | tunable white drivers* | | | | | | |
| | | | | POE(#) | POE drivers* | | | | | | |
| | | * Only available with POE drivers. | | *See page 2 to specify system **Please consult factory; see page 2 | | * Specify quantity | | | | Not available with 347V. Please consult factory | |

| OTHER (OPTIONAL) | | CUSTOM (OPTIONAL) | |
|---|---------------------|-------------------|--------|
| EF | end feed | C | custom |
| FW | flex whip (6' std)* | | |
| *Other lengths available; please consult factory. | | Please specify | |

● SPECIFICATIONS

CONSTRUCTION

| | |
|--------------------------|--|
| Housing | Extruded aluminum (0.075" nominal) Up to 70% recycled content |
| Interior Brackets | Die formed sheet steel (18 gauge) |
| Reflectors | White powder coated sheet steel (22 gauge) |
| Blank | Extruded aluminum (0.075" nominal) |
| Lens | Spotless frosted acrylic lens |

● ELECTRICAL

| | |
|---|--|
| Lutron driver | LDE1 - Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black |
| Other drivers** | DALI - Digital Addressable Lighting Interface DMX - Digital Multiplex Xitanium SR - For wireless sensor |
| BIOS DPB drivers* | STC - BIOS control 0-10V with static spectrum and BIOS SkyBlue enabled from 100% to 1%. DYN - BIOS control 0-10V with dynamic spectrum and BIOS SkyBlue® with Bio-Dimming™, which changes spectral qualities by removing the SkyBlue component when dimming from 100% to 81%, while light output remains relatively constant; bio-dimming reduces CCT to 2700K. Dimming from 80% to 1% will then reduce light output. |
| Tunable White TW drivers* | DALIDT6 - DALI Type 6 (Two DALI Addresses) DALIDT8 - DALI Type 8 (One DALI Address) |
| Power over Ethernet POE drivers* | MOLEX IGOR SMARTENGINE O - Other (Consult factory) |
| Emergency | Integral emergency battery pack or emergency circuit optional. |
| Input Voltage | 120V, 277V, 347V, UNV, DC. |
| Flex Whip | Shipped in a separate box for contractors to install |

*Choose driver from available options.

i Incorporating these components may have limitations or affect the length of the luminaire. Please contact factory for more details.

● FINISHES

Powder coated and custom finishes are also available.

● SYSTEM (S#)

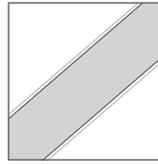
BEAM4 LED linear systems, with the use of a strong profile, allow for a nearly hair thin connection system of continuous runs. Lengths of 4', 8', 12' as well as custom lengths are available. Runs of BEAM4 LED that are greater than 12ft in length are designated as systems (S#). This means that the run is comprised of a combination of 4', 8' and/or 12' sections to be assembled on site using our joining system. For more information on systems and joining, please refer to the BEAM4 LED installation sheets available for download at www.axislighting.com.

● DLC Approved Options



| LUMEN OUTPUT | CRI | COLOR TEMP. | SHIELDING | LENGTH | VOLTAGE | DRIVER |
|--------------|-----|-------------|-----------|--------|-----------|--------|
| 400 lm/ft | 80 | 3000 K | FL | 4' | universal | DP |
| 600 lm/ft | | 3500 K | | 8' | | |
| 800 lm/ft | | 4000 K | | 12' | | |
| 1000 lm/ft | | | | | | |

● OPTICS



FL flush spotless lens
UB Ultra Blend Lens

SPOTLESS LENS

Frosted acrylic snap-in lens with micro lens

ULTRA BLEND LENS

Frosted acrylic snap-in micro lens suitable for Tunable White and BIOS applications.

● LED SYSTEM

| | |
|----------------------------|---|
| CRI | Minimum 80 or 90 color rendering index. |
| CRI BIOS | Minimum 80 color rendering index with R9>75 for all CCTs. |
| CCT Single Color | Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3-step MacAdam ellipse). Both within fixture and fixture to fixture. |
| CCT BIOS | BIOS Static (STC) Choice of 3000K, 3500K and 4000K. BIOS SkyBlue® Dynamic (DYN) Choice of 3000K, 3500K, and 4000K with Bio-Dimming™ BIOS Tunable White (BTW) Choice of 4000-2700K and 3500-2700K; does not use a bio-dimmer, it uses TW drivers, which allow independent control of CCT and intensity; e.g., BTW4027 provides combined SkyBlue + white light at 4000K, SkyBlue is removed at 2700K. Light output can be adjusted for each CCT. Consult BIOS guide for more information on BIOS technology. |
| CCT Axitune Systems | Consult Axitune technical sheet for more information on color technology. |
| LED life | Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements. |
| Thermal Management | Aluminum housing acting as the heat sink to maximize life. |
| Environment | Dry and damp rated for indoor use only in operating ambient temperatures of 0-40°C (32-104F). |

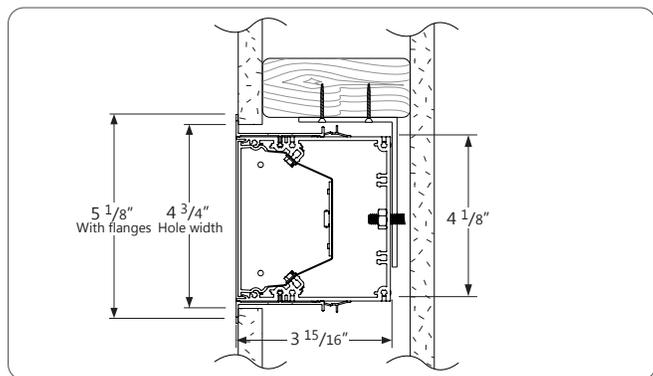
● WEIGHT

| | |
|-----------------------------------|--------------------|
| Recessed Vertical LED 4ft | 12.3 lbs / 5.0 kg |
| Recessed Vertical LED 8ft | 24.6 lbs / 10.1 kg |
| Recessed Vertical LED 12ft | 36.9 lbs / 15.1 kg |

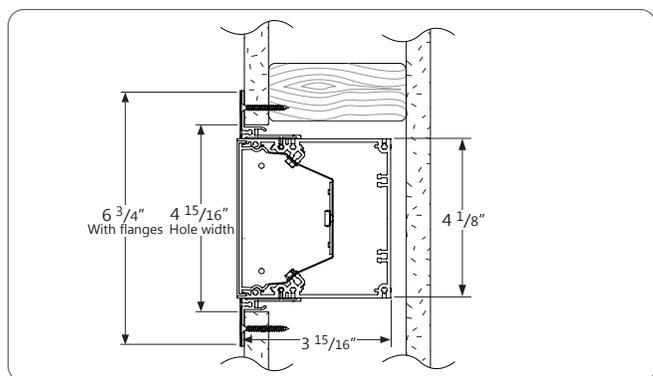
● WARRANTY

Limited 5-year warranty is available. Warranty is valid provided luminaires are installed and used according to specifications. For full terms and conditions, please consult warranty section at axislighting.com.

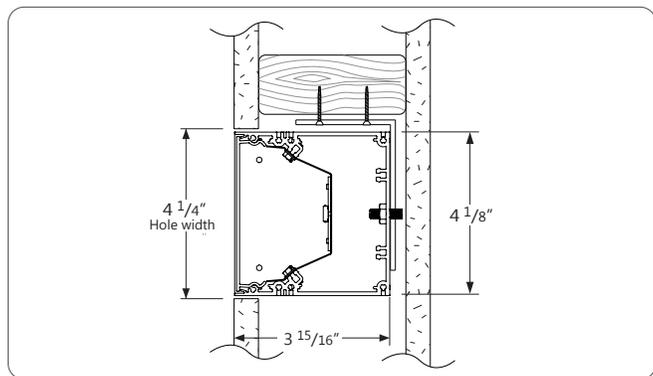
● VERTICAL RECESSED MOUNTING OPTIONS



DF DRYWALL FLANGED



DS DRYWALL SPACKLE FLANGE



D DRYWALL FLANGELESS

● OTHER MOUNTING OPTIONS

BEAM4 LED is also available with recessed, pendant, surface and wall mounted options.

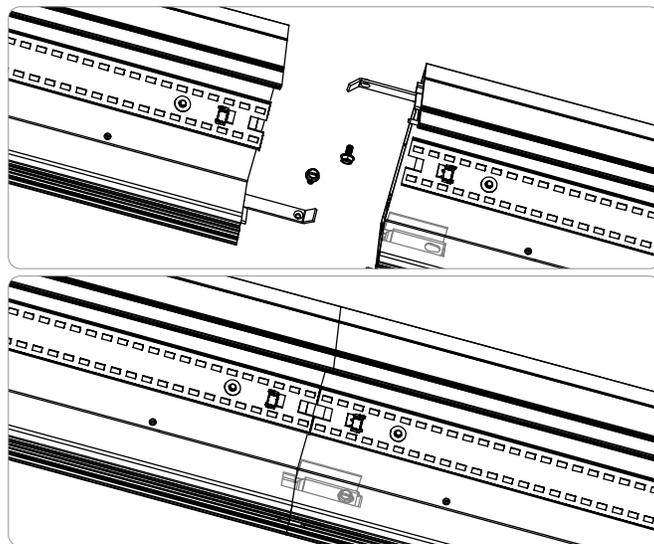
i Specification sheets and installation sheets for all mountings for BEAM4 LED luminaires are available for download at www.axislighting.com

● APPROVALS

Certified to UL and CSA standards 
 Meets NYC requirements
 Suitable for damp locations
 IC Rated (Insulated ceiling)

● JOINERS

In order to allow very long runs of BEAM4 LED luminaires, Axis has developed a number of different joining systems. Special care has been taken to maximize the performance of the joiner for each BEAM4 LED option.

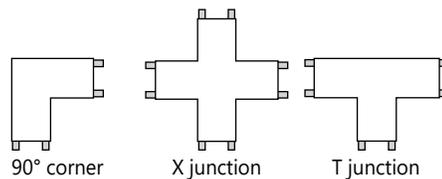
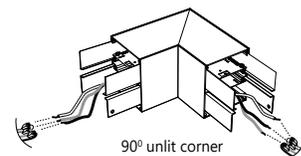


JOINER SYSTEM

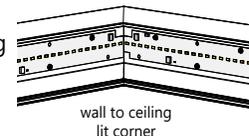
NOTE: Hang each system segment individually. Do not assemble system prior to hanging.

● CORNERS

Unlit Corners - BEAM4 LED features a multitude of layout patterns with the use of a number of corners, 90° corner, T or X junctions.



Lit Corners - Axis also offers lit 90° corners including ceiling to ceiling, wall to ceiling and ceiling to wall.



i For custom corner angles, please consult factory. Specifications sheets for all corners are available at: www.axislighting.com

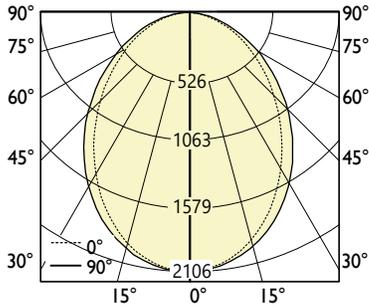
● PHOTOMETRIC DATA

FL Flush lens

1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1200 lm/ft
Total Lumens: 4800 lm (for 4ft)
Input Watts: 38.7 W
Efficacy: 124 lm/W

IES FILE: BBRVLED-1200-80-35-SO-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles | | | | |
|----------------|-------------------|------|------|------|------|
| | 0 | 22.5 | 45 | 67.5 | 90 |
| 0 | 2106 | 2106 | 2106 | 2106 | 2106 |
| 5 | 2096 | 2093 | 2091 | 2089 | 2088 |
| 15 | 1989 | 1983 | 1969 | 1953 | 1945 |
| 25 | 1781 | 1767 | 1737 | 1702 | 1686 |
| 35 | 1495 | 1478 | 1434 | 1386 | 1364 |
| 45 | 1171 | 1155 | 1108 | 1056 | 1033 |
| 55 | 845 | 833 | 793 | 748 | 730 |
| 65 | 542 | 536 | 509 | 478 | 465 |
| 75 | 283 | 283 | 272 | 258 | 252 |
| 85 | 84 | 85 | 84 | 80 | 79 |
| 90 | 6 | 7 | 7 | 7 | 7 |

ZONAL LUMENS

| Zone | Lumens |
|-------|--------|
| 0 | |
| 0-10 | 198 |
| 10-20 | 551 |
| 20-30 | 791 |
| 30-40 | 884 |
| 40-50 | 838 |
| 50-60 | 692 |
| 60-70 | 488 |
| 70-80 | 275 |
| 80-90 | 84 |
| 90 | |

LUMINANCE DATA (cd/m²)

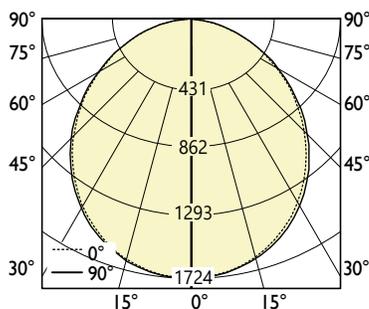
| Vertical Angle | Horizontal Angles | | |
|----------------|-------------------|-------|-------|
| | 0 | 45 | 90 |
| 45 | 13867 | 13117 | 12235 |
| 55 | 12338 | 11567 | 10649 |
| 65 | 10740 | 10085 | 9212 |
| 75 | 9146 | 8792 | 8142 |
| 85 | 8065 | 8042 | 7592 |

UB Ultra blend lens

1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1200 lm/ft
Total Lumens: 4800 lm (for 4ft)
Input Watts: 41.5 W
Efficacy: 116 lm/W

IES FILE: BBRVLED-1200-80-35-UB-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles | | | | |
|----------------|-------------------|------|------|------|------|
| | 0 | 22.5 | 45 | 67.5 | 90 |
| 0 | 1724 | 1724 | 1724 | 1724 | 1724 |
| 5 | 1718 | 1719 | 1721 | 1721 | 1721 |
| 15 | 1651 | 1655 | 1659 | 1659 | 1659 |
| 25 | 1522 | 1528 | 1532 | 1532 | 1530 |
| 35 | 1338 | 1346 | 1350 | 1349 | 1347 |
| 45 | 1116 | 1125 | 1128 | 1125 | 1123 |
| 55 | 864 | 874 | 877 | 874 | 872 |
| 65 | 594 | 604 | 609 | 608 | 606 |
| 75 | 327 | 338 | 345 | 346 | 346 |
| 85 | 102 | 109 | 115 | 116 | 116 |
| 90 | 9 | 13 | 16 | 15 | 15 |

ZONAL LUMENS

| Zone | Lumens |
|-------|--------|
| 0 | |
| 0-10 | 163 |
| 10-20 | 464 |
| 20-30 | 695 |
| 30-40 | 827 |
| 40-50 | 846 |
| 50-60 | 754 |
| 60-70 | 569 |
| 70-80 | 335 |
| 80-90 | 105 |
| 90 | |

LUMINANCE DATA (cd/m²)

| Vertical Angle | Horizontal Angles | | |
|----------------|-------------------|-------|-------|
| | 0 | 45 | 90 |
| 45 | 13211 | 13360 | 13290 |
| 55 | 12607 | 12803 | 12720 |
| 65 | 11766 | 12064 | 12006 |
| 75 | 10583 | 11168 | 11183 |
| 85 | 9829 | 11021 | 11133 |

i All IES files are available for download at: www.axislighting.com