

Project _____

Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT AT 4000K

| NOMINAL LUMEN OUTPUT | INPUT WATTS* | EFFICACY |
|----------------------|--------------|----------|
| 400 lm/ft | 3.6 W/ft | 111 lm/W |
| 500 lm/ft | 4.6 W/ft | 108 lm/W |
| 750 lm/ft | 7.4 W/ft | 101 lm/W |
| 1000 lm/ft | 10.3 W/ft | 97 lm/W |

* Based on a 4 foot luminaire using one driver
Please consult factory for custom lumen output and wattage.



Ordering Guide

| B6WDLED | | | | SO | |
|--------------------------------|----------------------------------|------------------|------------------|-------------------------|----------------------|
| PRODUCT ID | NOM. LUMENS/FT | CRI | COLOR TEMP. | SHIELDING | LENGTH |
| B6WDLED Wall Direct LED | 400 400 lm/ft - Minimum | 80 80 CRI | 27 2700 K | SO spotless lens | 2 2' |
| | 1000 1000 lm/ft - Maximum | 90 90 CRI | 30 3000 K | | 3 3' |
| | | | 35 3500 K | | 4 4' |
| | | | 40 4000 K | | 5 5' |
| | | | | | 6 6' |
| | | | | | 8 8' |
| | | | | | 12 12' |
| | | | | | S# system run |

Outputs between listed min and max are available.
Consult factory for outputs outside of the listed range.

| MR (OPTIONAL) | | FINISH | VOLTAGE | DRIVER | CIRCUITS |
|---|---|--|--|---|----------|
| M16(#) MR halogen lamp - Line voltage (by other) ⁽¹⁾ | AP aluminum paint W white BLK black C custom | 120 120 V 277 277 V 347 347 V UNV universal | DP dimming (0-10V) 1% LT Lutron ⁽³⁾ BI bi-level dimming O other ⁽⁴⁾ | 1 1 circuit 2 2 circuits +E(#) emergency circuit ⁽⁵⁾ +NL(#) night light circuit ⁽⁵⁾ +GTD(#) generator transfer device ⁽⁵⁾ +M MR | |
| M16LED(#) MR16 LED lamp - Line voltage (by other) ⁽¹⁾ | | | | | |
| M16LEDB(#) MR16 LED lamp - Dimmable (provided) ⁽²⁾ | | | | | |
| | | | | | |

(1) Specify quantity; Line wattage only; Separate circuits included
(2) Consult factory; See page 3 for more details. MR16 constant current for 0-10V & DALI only
(3) Specify system
(4) Please consult factory
(5) Specify quantity

| BATTERY (OPTIONAL) | OTHER (OPTIONAL) | IC CONTROLS (OPTIONAL) | CUSTOM (OPTIONAL) |
|---|---|--|-------------------|
| B# battery pack 4' sections | F fuse ⁽⁶⁾ D dust cover | DS# daylight sensor OS# occupancy sensor DOS# daylight & occupancy sensor EN# Enlighted integral ⁽⁷⁾ ENR# Enlighted remote ⁽⁷⁾ WC# wireless control dimming | C custom |
| Not available with 347V Please consult factory | ⁽⁶⁾ Requires 120V or 277V | ⁽⁷⁾ Please consult factory Specify quantity. Requires 8" blank. See integrated controls guide for more details. | Please specify |

● SPECIFICATIONS

CONSTRUCTION

| | |
|---------------------------|--|
| Housing | Extruded aluminum (0.075" nominal) up to 70% recycled content |
| End Cap | Sheet steel (18 gauge) |
| 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 |
| Wall Mount Bracket | Die formed sheet steel (16 gauge) |

● ELECTRICAL

| | |
|-----------------------|--|
| Lutron driver* | LDE1 - EcoSystem H-Series (1%) LDE5 - EcoSystem 5-Series (5%) LTE - Hi-Lume® A-series 2Wires Forward Phase (1%) *Consult factory |
| Other drivers | DALI - Digital Addressable Lighting Interface DMX - Digital Multiplex LV - line voltage - Advance Mark 10 Xitanium SR - For wireless sensor POE (Power over Ethernet) - Low Voltage Lighting System. |
| Emergency | Integral emergency battery pack or emergency circuit optional. |
| Input Voltage | 120V, 277V, 347V, UNV. |

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

● WARRANTY

Axis Lighting will warrant defective LEDs, boards, and drivers for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specifications. If defective, Axis will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions on how to return defective components to Axis.

● APPROVALS

Certified to UL and CSA standards
Meets NYC requirements
Suitable for damp locations.



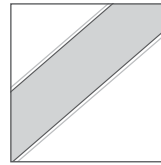
● SYSTEM (S#)

BEAM6 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 BEAM6 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 BEAM6 LED installation sheets available for download at www.axislighting.com.

● FINISH

Powder coated and custom finishes are also available.

● OPTICS



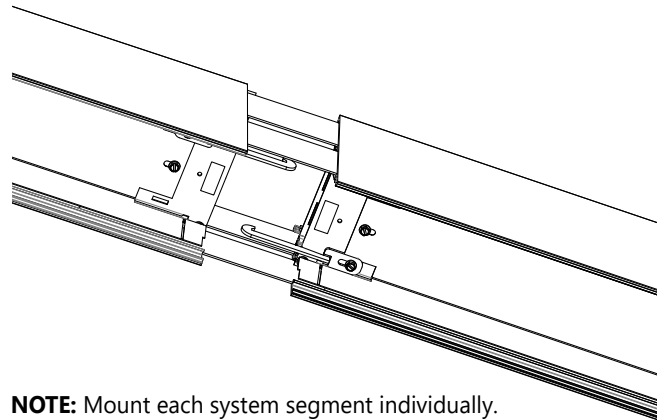
50 spotless lens

SPOTLESS LENS

Frosted acrylic snap-in lens with micro lens

● JOINERS

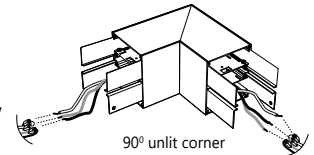
In order to allow very long runs of BEAM6 LED luminaires, Axis has developed a number of different joining systems. Special care has been taken to maximize the performance of the joiner for each BEAM6 LED option.



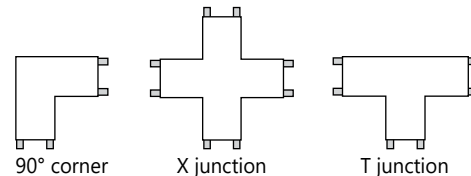
NOTE: Mount each system segment individually. Do not assemble system prior to mounting.

● CORNERS

Unlit Corners - BEAM6 LED features a multitude of layout patterns with the use of a number of corners, 90° corner, T or X junctions.



90° unlit corner

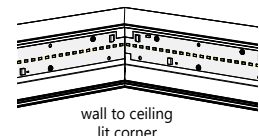


90° corner

X junction

T junction

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



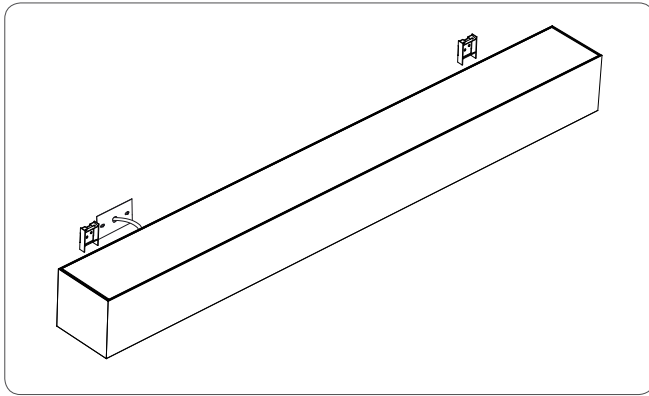
wall to ceiling
lit corner

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

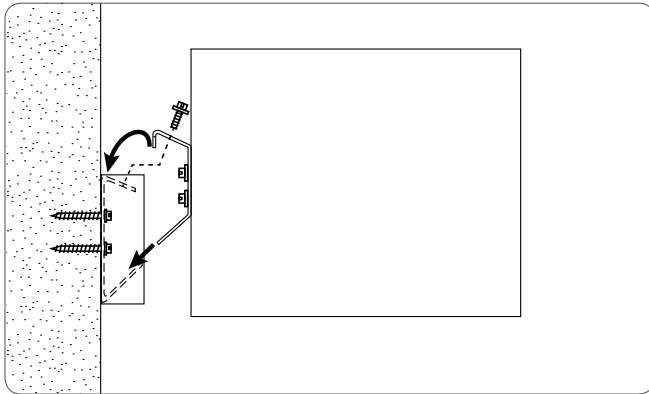
● WEIGHT

| | |
|------------------------|--------------------|
| Wall Mount 4ft | 16.3 lbs / 7.4 kg |
| Wall Mount 8ft | 32.6 lbs / 14.8 Kg |
| Wall Mount 12ft | 48.9 lbs / 22.2 Kg |

● HORIZONTAL MOUNTING DETAILS



MOUNTING BRACKETS



SIDE VIEW

● OTHER MOUNTING OPTIONS

BEAM6 LED is available with recessed, pendant, surface and recessed vertical mounted options.

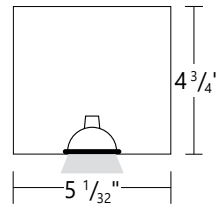
i Specification sheets and installation sheets for all mountings for BEAM6 LED luminaires are available for download at www.axislighting.com

● LED SYSTEM

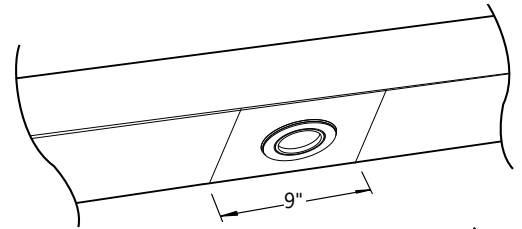
| | |
|---------------------------|---|
| CRI | Minimum 80 or 90 color rendering index |
| CCT | Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3.5-step MacAdam ellipse). |
| LED life | Minimum 50,000h with 70% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements. |
| Thermal management | Aluminium housing acting as the heat sink to maximize life. |

● MR16

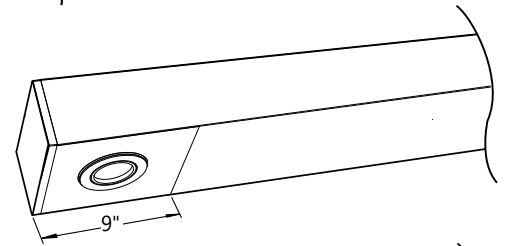
| | |
|-----------------|--|
| Blank | Extruded aluminum (0.075" nominal) |
| MR16 LED | 2.0" diameter |
| Quantity | For every 4' section, there may be up to a maximum of 4 x MR16 LED lamps. |
| Spacing | Each MR16 LED lamp is placed centered on a blank section 9" in length. For a series of MR16's within a given section length, they will be spaced evenly on a longer blank section. The directed light of MR16 LED lamps are fixed downward. Custom spacing may be available on special request. |



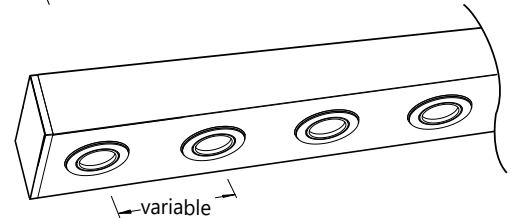
Between sections



At luminaire ends



Several in a long blank section

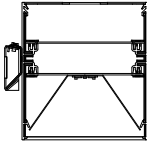


| | |
|---|---------------------------------|
| Base Type | GU 5.3 |
| Beam Angle | 40 nominal degrees |
| Input Watts | 6W |
| Nominal Lumens | 300 lumens |
| Efficacy | 50 lumens per watt |
| Color Rendering Index (CRI) | 85 |
| Center Beam Candle Power (CBCP) | 584 candelas |
| Life | 25,000 hours at L ₇₀ |
| Correlated color temperature (CCT) | 2700K |

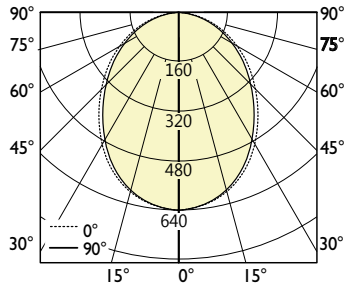
i More options are available upon request. Please consult factory.

● PHOTOMETRIC DATA

400 lm/ft



PHOTOMETRIC CURVE



Luminaire Lumens: 400 lm/ft
Input Watts: 3.6W/ft
Efficacy: 111 lm/W

IES FILE: B6WLED-400-80-40-SO.IES
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles | | | | |
|----------------|-------------------|------|-----|------|-----|
| | 0 | 22.5 | 45 | 67.5 | 90 |
| 0 | 638 | 638 | 638 | 638 | 638 |
| 5 | 631 | 634 | 632 | 636 | 637 |
| 15 | 597 | 600 | 596 | 595 | 597 |
| 25 | 533 | 533 | 527 | 522 | 522 |
| 35 | 449 | 447 | 439 | 430 | 427 |
| 45 | 357 | 355 | 345 | 338 | 333 |
| 55 | 265 | 263 | 255 | 247 | 244 |
| 65 | 176 | 174 | 169 | 165 | 163 |
| 75 | 95 | 94 | 92 | 88 | 88 |
| 85 | 26 | 24 | 24 | 23 | 23 |
| 90 | 0 | 0 | 0 | 0 | 0 |

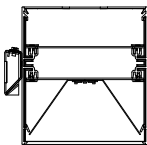
ZONAL LUMENS

| Zone | Lumens |
|-------|--------|
| 0 | |
| 0-10 | 60 |
| 10-20 | 168 |
| 20-30 | 242 |
| 30-40 | 274 |
| 40-50 | 267 |
| 50-60 | 228 |
| 60-70 | 168 |
| 70-80 | 97 |
| 80-90 | 27 |
| 90 | |

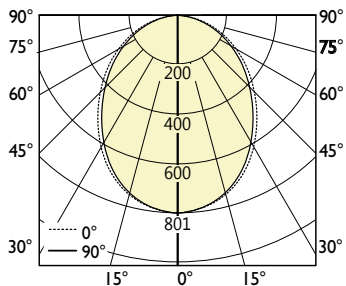
LUMINANCE DATA (cd/m²)

| Vertical Angle | Horizontal Angles | | |
|----------------|-------------------|------|------|
| | 0 | 45 | 90 |
| 45 | 4050 | 3915 | 3780 |
| 55 | 3705 | 3560 | 3415 |
| 65 | 3339 | 3212 | 3085 |
| 75 | 2944 | 2852 | 2714 |
| 85 | 2391 | 2186 | 2118 |

500 lm/ft



PHOTOMETRIC CURVE



Luminaire Lumens: 500 lm/ft
Input Watts: 4.6 W/ft
Efficacy: 108 lm/W

IES FILE: B6WLED-500-80-40-SO.IES
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles | | | | |
|----------------|-------------------|------|-----|------|-----|
| | 0 | 22.5 | 45 | 67.5 | 90 |
| 0 | 798 | 798 | 798 | 798 | 798 |
| 5 | 789 | 792 | 790 | 795 | 797 |
| 15 | 746 | 750 | 745 | 744 | 746 |
| 25 | 666 | 666 | 659 | 652 | 652 |
| 35 | 561 | 559 | 548 | 538 | 534 |
| 45 | 446 | 443 | 431 | 422 | 417 |
| 55 | 331 | 328 | 318 | 309 | 305 |
| 65 | 220 | 217 | 212 | 206 | 203 |
| 75 | 119 | 118 | 115 | 110 | 109 |
| 85 | 32 | 30 | 30 | 29 | 29 |
| 90 | 0 | 0 | 0 | 0 | 0 |

ZONAL LUMENS

| Zone | Lumens |
|-------|--------|
| 0 | |
| 0-10 | 75 |
| 10-20 | 210 |
| 20-30 | 303 |
| 30-40 | 343 |
| 40-50 | 333 |
| 50-60 | 285 |
| 60-70 | 210 |
| 70-80 | 121 |
| 80-90 | 34 |
| 90 | |

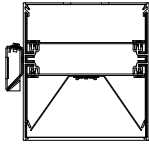
LUMINANCE DATA (cd/m²)

| Vertical Angle | Horizontal Angles | | |
|----------------|-------------------|------|------|
| | 0 | 45 | 90 |
| 45 | 5062 | 4894 | 4725 |
| 55 | 4632 | 4450 | 4269 |
| 65 | 4173 | 4015 | 3856 |
| 75 | 3680 | 3565 | 3393 |
| 85 | 2989 | 2732 | 2647 |

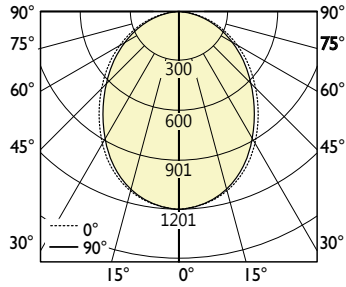
i All IES files are available for download at: www.axislighting.com

PHOTOMETRIC DATA

750 lm/ft



PHOTOMETRIC CURVE



Luminaire Lumens: 750 lm/ft
Input Watts: 7.4W/ft
Efficacy: 101 lm/W

IES FILE: B6WLED-750-80-40-SO.IES
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles | | | | |
|----------------|-------------------|------|------|------|------|
| | 0 | 22.5 | 45 | 67.5 | 90 |
| 0 | 1197 | 1197 | 1197 | 1197 | 1197 |
| 5 | 1183 | 1188 | 1186 | 1192 | 1195 |
| 15 | 1119 | 1124 | 1117 | 1116 | 1119 |
| 25 | 999 | 999 | 988 | 978 | 978 |
| 35 | 842 | 839 | 822 | 807 | 801 |
| 45 | 669 | 665 | 647 | 633 | 625 |
| 55 | 497 | 493 | 477 | 463 | 458 |
| 65 | 330 | 326 | 317 | 309 | 305 |
| 75 | 178 | 177 | 173 | 166 | 164 |
| 85 | 49 | 45 | 45 | 43 | 43 |
| 90 | 0 | 0 | 0 | 0 | 0 |

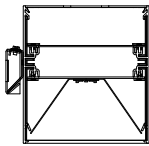
ZONAL LUMENS

| Zone | Lumens |
|-------|--------|
| 0 | |
| 0-10 | 113 |
| 10-20 | 315 |
| 20-30 | 455 |
| 30-40 | 514 |
| 40-50 | 500 |
| 50-60 | 427 |
| 60-70 | 315 |
| 70-80 | 182 |
| 80-90 | 52 |
| 90 | |

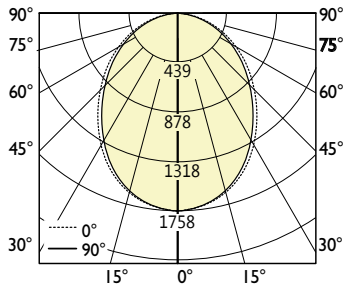
LUMINANCE DATA (cd/m²)

| Vertical Angle | Horizontal Angles | | |
|----------------|-------------------|------|------|
| | 0 | 45 | 90 |
| 45 | 7593 | 7341 | 7088 |
| 55 | 6948 | 6675 | 6403 |
| 65 | 6260 | 6022 | 5784 |
| 75 | 5521 | 5348 | 5089 |
| 85 | 4483 | 4098 | 3970 |

1000 lm/ft



PHOTOMETRIC CURVE



Luminaire Lumens: 1000 lm/ft
Input Watts: 10.3 W/ft
Efficacy: 97 lm/W

IES FILE: B6WLED-1000-80-40-SO.IES
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles | | | | |
|----------------|-------------------|------|------|------|------|
| | 0 | 22.5 | 45 | 67.5 | 90 |
| 0 | 1596 | 1596 | 1596 | 1596 | 1596 |
| 5 | 1577 | 1584 | 1581 | 1590 | 1594 |
| 15 | 1492 | 1499 | 1490 | 1488 | 1492 |
| 25 | 1332 | 1332 | 1317 | 1304 | 1304 |
| 35 | 1122 | 1119 | 1096 | 1076 | 1069 |
| 45 | 892 | 887 | 863 | 844 | 833 |
| 55 | 662 | 657 | 636 | 618 | 610 |
| 65 | 440 | 434 | 423 | 412 | 406 |
| 75 | 237 | 236 | 230 | 221 | 219 |
| 85 | 65 | 59 | 59 | 58 | 58 |
| 90 | 0 | 0 | 0 | 0 | 0 |

ZONAL LUMENS

| Zone | Lumens |
|-------|--------|
| 0 | |
| 0-10 | 150 |
| 10-20 | 420 |
| 20-30 | 606 |
| 30-40 | 686 |
| 40-50 | 667 |
| 50-60 | 570 |
| 60-70 | 419 |
| 70-80 | 242 |
| 80-90 | 69 |
| 90 | |

LUMINANCE DATA (cd/m²)

| Vertical Angle | Horizontal Angles | | |
|----------------|-------------------|------|------|
| | 0 | 45 | 90 |
| 45 | 10124 | 9788 | 9451 |
| 55 | 9264 | 8900 | 8537 |
| 65 | 8347 | 8030 | 7713 |
| 75 | 7361 | 7131 | 6786 |
| 85 | 5977 | 5465 | 5294 |

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