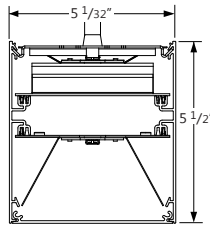


(CABLE)



(STEM)

Project _____

Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT AT 3500K

| NOMINAL LUMEN OUTPUT | | INPUT WATTS* | EFFICACY |
|----------------------|-----------|--------------|----------|
| UPLIGHT | DOWNLIGHT | | |
| 640 lm/ft | 400 lm/ft | 9.03 W/ft | 119 lm/W |

Please consult factory for custom lumen output and wattage.



Ordering Guide

| BBDILED | | | | | | SO | |
|--|--------------------------------|----------------------------------|------------------|------------------|-------------------------|----------------------|--|
| PRODUCT ID | NOM. LUMENS/FT UP | NOM. LUMENS/FT DOWN | CRI | COLOR TEMP. | SHIELDING | LENGTH | |
| B6DILED Pendant Direct/Indirect LED | 400 400 lm/ft uplight | 400 400 lm/ft downlight | 80 80 CRI | 27 2700 K | SO spotless lens | 2 2' | |
| | 640 640 lm/ft uplight | 500 500 lm/ft downlight | 90 90 CRI | 30 3000 K | | 3 3' | |
| | 750 750 lm/ft uplight | 750 750 lm/ft downlight | | 35 3500 K | | 4 4' | |
| | 1000 1000 lm/ft uplight | 1000 1000 lm/ft downlight | | 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.

Applies to both UP & DOWN.

Applies to both UP & DOWN. Colour temperature is both for direct and indirect.

| MR (OPTIONAL) | FINISH | VOLTAGE | DRIVER | CIRCUITS |
|--|--------------------------|---------------------------------|--|---|
| M16(#) MR16 halogen lamp - Line voltage (by other) ⁽¹⁾ | AP aluminum paint | 120 120 V | DP dimming (0-10V) 1% | 1 1 circuit ⁽⁷⁾ |
| M16LED(#) MR16 LED lamp - Line voltage (by other) ⁽¹⁾ | W white | 277 277 V | D dimming (0-10V) 5% 347V standard ⁽⁴⁾ | 2 2 circuits ⁽⁸⁾ |
| M16LEDB(#) MR16 LED lamp - Dimmable (provided) ⁽²⁾ | BLK black | 347 347 V ⁽³⁾ | LT Lutron ⁽⁵⁾ | +E(#) emergency circuit ⁽⁹⁾ |
| | C custom | UNV universal | BI bi-level dimming | +NL(#) night light circuit ⁽⁹⁾ |
| | | | O other ⁽⁶⁾ | +GTD(#) generator transfer device ⁽⁹⁾ |
| | | | | +M MR |

(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) D dimming (0-10V) 5% standard
 (4) For 347V only
 (5) Specify system
 (6) Please consult factory; see page 2
 (7) Control UP & DOWN lights together
 (8) Control UP & DOWN lights separately
 (9) Specify quantity

| MOUNTING/SUSPENSION | BATTERY (OPTIONAL) | OTHER (OPTIONAL) | IC CONTROLS (OPTIONAL) | CUSTOM (OPTIONAL) |
|--|---|--|--|-------------------|
| CA(#) drywall+cable length (36" std.) CT9(#) TB/TG 9/16+cable length (36" std.) CT15(#) TB/TG15/16+cable length (36" std.) CTS(#) ST+cable length (36" std.) SA(#) drywall+stem length >48" (18" std.) +SM seismic option | B# battery pack 4' sections | F fuse ⁽¹⁰⁾ D dust cover | DS# daylight sensor OS# occupancy sensor DOS# daylight & occupancy sensor EN# Enlighted integral ⁽¹¹⁾ ENR# Enlighted remote ⁽¹¹⁾ WC# wireless control dimming | C custom |
| | Not available with 347V Please consult factory | (10) Requires 120V or 277V | Applies to both UP & DOWN. (11) 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 |
| Hanger | Die formed sheet steel (16 gauge) |
| Suspension | Aircraft cable or Ø 1/2" Stem |
| Cable Grips | Quick connecting / release |

● ELECTRICAL

| | |
|-----------------------|---|
| Lutron driver* | L3D - Hi-Lume A-Series EcoSystem 3-Wire Control (1%) 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 |
| 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.



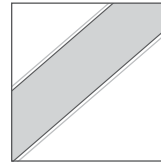
● SYSTEM (S#)

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 12' 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



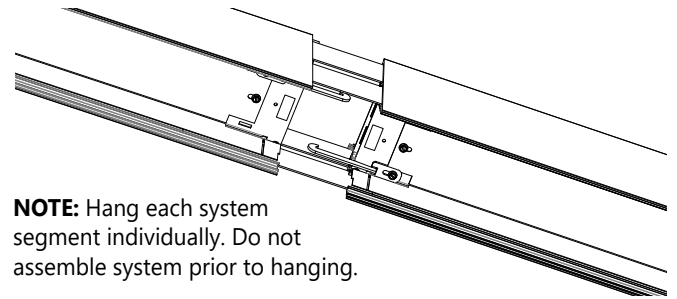
50 spotless lens

SPOTLESS LENS

Frosted acrylic snap-in lens with micro lens

● JOINERS

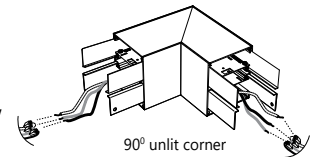
In order to allow very long runs of BEAM6 LED luminaires, Axis has developed an effective joining system. Special care has been taken to maximize the performance of the joiner for each BEAM6 LED option.



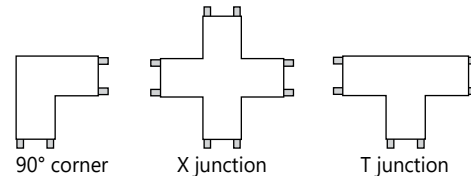
NOTE: Hang each system segment individually. Do not assemble system prior to hanging.

● 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

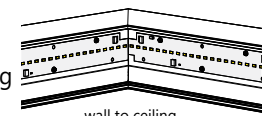


90° corner

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

● LED SYSTEM

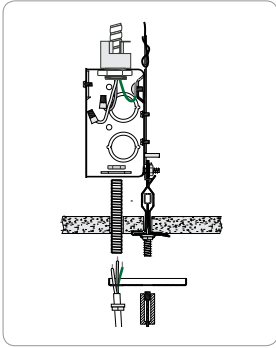
| | |
|---------------------------|---|
| CRI | Minimum 80 or 90 color rendering index |
| CCT | Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3.5-step MacAdam ellipse). |
| LED life | Minimum 50,000h with 70% of lumen maintenance in 25°C ambient temperature,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

WEIGHT

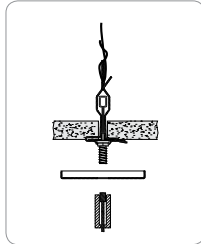
| | |
|----------------------|--------------------|
| Pendant 4 ft | 18.3 lbs / 8.3 kg |
| Pendant 8 ft | 36.6 lbs / 16.6 Kg |
| Pendant 12 ft | 54.9 lbs / 24.9 Kg |

MOUNTING OPTIONS

CT TILE CEILING - ON GRID

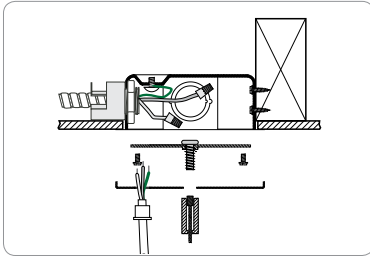


Power feed

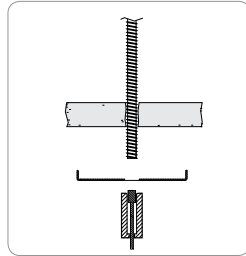


Non power feed

CA DRYWALL CEILING

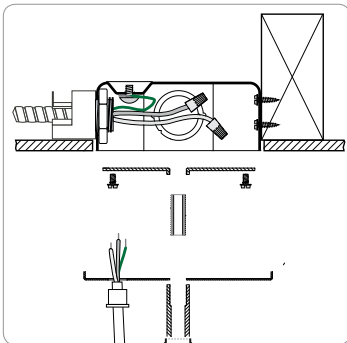


Power feed

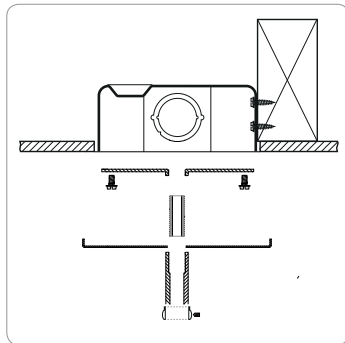


Non power feed

SA STEM MOUNT IN DRYWALL CEILING



Power feed



Non power feed

OTHER MOUNTING OPTIONS

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

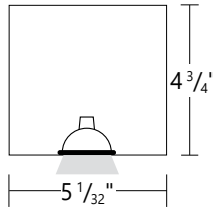
i Specification sheets and installation sheets for all mountings for BEAM6 LED luminaires are available for download at www.axislighting.com

MR16

| | |
|----------------------|---|
| Blank | Extruded aluminum (0.075" nominal) |
| MR16 Halogens | Adjustable halogen lamp 35W / 50W (by others) - Line voltage dimming only |
| MR16 LED | Adjustable LED lamp (provided)- Line voltage dimming only |
| MR16 LEDB | Constant current LED lamp (provided)- Dimmable by control system for 0-10V DALI only |

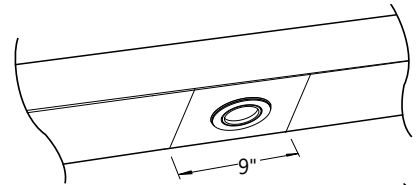
Quantity For every 4' section, there may be up to a maximum of 4 x MR16 LED lamps.

Spacing Each MR16 LED lamp is placed centered on a blank section 9" in length.

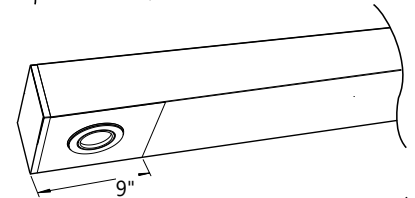


For a series of MR16's within a given section length, they will be spaced evenly on a longer blank section. The directed light of MR16 LED lamps are fixed downward. Custom spacing may be available on special request.

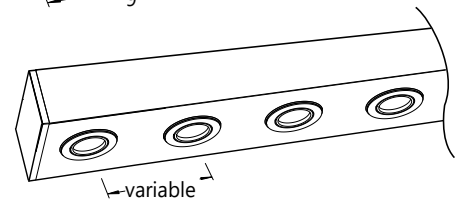
Between sections



At luminaire ends



Several in a long blank section

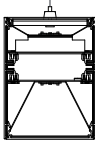


| | |
|---|---------------------------------|
| Base Type | GU 5.3 |
| Beam Angle | 40 nominal degrees |
| Input Watts | 6W |
| Nominal Lumens | 300 lumens |
| Efficacy | 50 lumens per watt |
| Color Rendering Index (CRI) | 85 |
| Center Beam Candle Power (CBCP) | 584 candelas |
| Life | 25,000 hours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

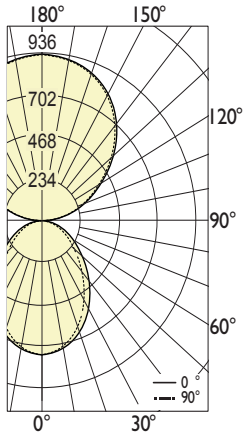
i More options are available upon request. Please consult factory.

PHOTOMETRIC DATA

Uplight 60%
640 lm/ft
Downlight 40%
400 lm/ft



PHOTOMETRIC CURVE



Luminaire Lumens: 640 lm/ft up
400 lm/ft down

Input Watts: 9.03 W/ft
Efficacy: 119 lm/W

IES FILE: B6DILED-640-400-80-35-SO-4.IES
TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles | | | | |
|----------------|-------------------|------|-----|------|-----|
| | 0 | 22.5 | 45 | 67.5 | 90 |
| 0 | 740 | 740 | 740 | 740 | 740 |
| 5 | 737 | 738 | 738 | 737 | 736 |
| 15 | 695 | 698 | 701 | 702 | 699 |
| 25 | 611 | 617 | 625 | 630 | 626 |
| 35 | 503 | 511 | 522 | 531 | 528 |
| 45 | 388 | 397 | 410 | 419 | 417 |
| 55 | 281 | 288 | 299 | 307 | 305 |
| 65 | 186 | 191 | 198 | 203 | 199 |
| 75 | 106 | 109 | 111 | 111 | 106 |
| 85 | 38 | 40 | 39 | 37 | 31 |
| 90 | 9 | 10 | 9 | 6 | 2 |
| 95 | 3 | 3 | 3 | 8 | 18 |
| 105 | 73 | 71 | 118 | 134 | 153 |
| 115 | 299 | 292 | 309 | 325 | 341 |
| 125 | 477 | 470 | 490 | 501 | 516 |
| 135 | 631 | 626 | 632 | 643 | 655 |
| 145 | 744 | 742 | 745 | 755 | 764 |
| 155 | 827 | 827 | 830 | 837 | 843 |
| 165 | 887 | 887 | 887 | 891 | 896 |
| 175 | 917 | 917 | 917 | 917 | 917 |
| 180 | 922 | 922 | 922 | 922 | 922 |

ZONAL LUMENS

| Zone | Lumens |
|---------|--------|
| 0 | |
| 0-10 | 69 |
| 10-20 | 193 |
| 20-30 | 279 |
| 30-40 | 314 |
| 40-50 | 302 |
| 50-60 | 253 |
| 60-70 | 183 |
| 70-80 | 105 |
| 80-90 | 34 |
| 90 | |
| 90-100 | 14 |
| 100-110 | 129 |
| 110-120 | 315 |
| 120-130 | 442 |
| 130-140 | 494 |
| 140-150 | 471 |
| 150-160 | 385 |
| 160-170 | 251 |
| 170-180 | 87 |
| 180 | |

LUMINANCE DATA (cd/m²)

| Vertical Angle | Horizontal Angles | | |
|----------------|-------------------|------|------|
| | 0 | 45 | 90 |
| 45 | 3777 | 3991 | 4059 |
| 55 | 3372 | 3588 | 3660 |
| 65 | 3029 | 3225 | 3241 |
| 75 | 2819 | 2952 | 2819 |
| 85 | 3001 | 3080 | 2448 |

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