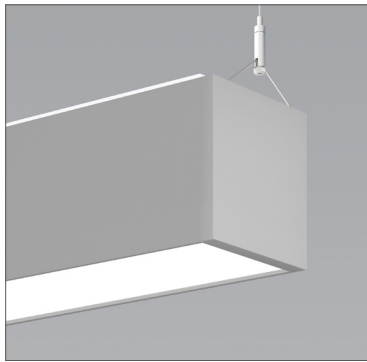


# Beam 4

## Pendant mount - Direct / Indirect



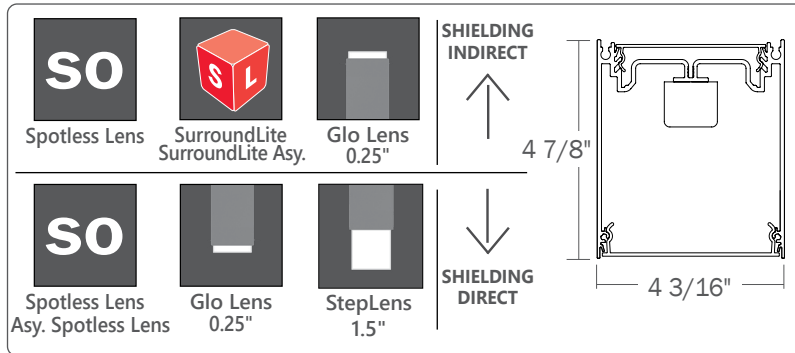
Flush Spotless Lens - down  
Glo Lens - up



StepLens 1.5 - down



SurroundLite up  
Flush Spotless lens - down



Project \_\_\_\_\_

Type \_\_\_\_\_

Notes \_\_\_\_\_

### PERFORMANCE PER LINEAR FOOT AT 3500K

| NOMINAL LUMEN OUTPUT |            | INPUT WATTS* | EFFICACY  | SHIELDING I/D |
|----------------------|------------|--------------|-----------|---------------|
| UPLIGHT              | DOWNLIGHT  |              |           |               |
| 400 lm/ft            | 400 lm/ft  | 6.78 W/ft    | 118 lm/W  | 0.25G/0.25G   |
| 400 lm/ft            | 400 lm/ft  | 7.13 W/ft    | 112 lm/W  | SO/0.25G      |
| 400 lm/ft            | 1000 lm/ft | 12.04 W/ft   | 116 lm/ft | 0.25G/0.25G   |
| 400 lm/ft            | 1000 lm/ft | 12.4 W/ft    | 113 lm/ft | SO/0.25G      |
| 1100 lm/ft           | 400 lm/ft  | 12.5 W/ft    | 131 lm/W  | 0.25G/0.25G   |
| 1100 lm/ft           | 400 lm/ft  | 13.43 W/ft   | 112 lm/W  | SO/0.25G      |
| 1100 lm/ft           | 1100 lm/ft | 17.48 W/ft   | 119 lm/W  | 0.25G/0.25G   |
| 1100 lm/ft           | 1100 lm/ft | 18.7 W/ft    | 112 lm/W  | SO/0.25G      |

Please consult factory for custom lumen output and wattage.



## Ordering Guide

| TB4DILED   |                     |                                                                                                            |                                                                                                            |                                   |                                                                              |                                      |                                                                              |
|------------|---------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------|--------------------------------------|------------------------------------------------------------------------------|
| PRODUCT ID |                     | NOM. LUM/FT UP                                                                                             | NOM. LUM/FT DOWN                                                                                           | CRI                               | COLOR TEMP.                                                                  | SHIELDING INDIRECT                   | SHIELDING DIRECT                                                             |
| TB4DILED   | BEAM4 - Pendant     | 400 400 lm/ft - Min.                                                                                       | 400 400 lm/ft - Min.                                                                                       | 80 80 CRI*                        | 27 2700 K                                                                    | SO spotless lens                     | SO spotless lens                                                             |
|            | Direct/Indirect LED | 1100 1100 lm/ft-Max.                                                                                       | 1000 1000 lm/ft - Max.                                                                                     | 90 90 CRI                         | 30 3000 K                                                                    | SL surroundlite                      | ASO asymmetric with SO                                                       |
|            |                     |                                                                                                            |                                                                                                            |                                   | 35 3500 K                                                                    | SLA surroundlite asymmetric          | 0.25G 0.25" Glo lens                                                         |
|            |                     |                                                                                                            |                                                                                                            |                                   | 40 4000 K                                                                    | 0.25G 0.25" Glo lens                 | 1.5M StepLens, lum. end cap                                                  |
|            |                     | Outputs between listed min and max are available. Consult factory for outputs outside of the listed range. | Outputs between listed min and max are available. Consult factory for outputs outside of the listed range. | * Not available with color tuning | <a href="#">Consult Axitune spec sheet for Axis color technology options</a> | Choose only one of the options above | Choose only one of the options above; SurroundLite not available with direct |

| LENGTH (FT)                                 | MR (OPTIONAL)                                                                            |                      | FINISH | VOLTAGE        |     | DRIVER    | CIRCUITS                                                                                                                                                                               |                       |                      |                                          |
|---------------------------------------------|------------------------------------------------------------------------------------------|----------------------|--------|----------------|-----|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------|------------------------------------------|
| 2 2'                                        | DMLED(#)                                                                                 | downlight module LED | AP     | aluminum paint | 120 | 120 V     | DP                                                                                                                                                                                     | dimming (0-10V) 1%    | 1                    | 1 circuit                                |
| 3 3'                                        |                                                                                          |                      | W      | white          | 277 | 277 V     | LT                                                                                                                                                                                     | Lutron <sup>(2)</sup> | 2                    | 2 circuits                               |
| 4 4'                                        |                                                                                          |                      | BLK    | black          | 347 | 347 V     | BI                                                                                                                                                                                     | bi-level dimming      | +E(#)                | emergency circuit <sup>(4)</sup>         |
| 5 5'                                        |                                                                                          |                      | C      | custom         | UNV | universal | O                                                                                                                                                                                      | other <sup>(3)</sup>  | +NL(#)               | night light circuit <sup>(4)</sup>       |
| 8 8'                                        |                                                                                          |                      |        |                |     |           |                                                                                                                                                                                        |                       | +GTD(#)              | generator transfer device <sup>(4)</sup> |
| 12 12'                                      |                                                                                          |                      |        |                |     |           |                                                                                                                                                                                        |                       | +M                   | MR                                       |
| S# System Run <sup>(1)</sup>                |                                                                                          |                      |        |                |     |           |                                                                                                                                                                                        |                       |                      |                                          |
| (1) SurroundLite available in 1" increments | Add 6" per lamp. Specify quantity<br>Separate circuits included<br>Requires 120V or 277V |                      |        |                |     |           | (2) Specify system<br>(3) Please consult factory; see page 2<br>Consult factory for other control options.<br><a href="#">Consult Axitune spec sheet for Axis color driver options</a> |                       | (4) Specify quantity |                                          |

| MOUNTING/SUSPENSION   |                                     | BATTERY (OPTIONAL)                                           | OTHER (OPTIONAL)      | IC CONTROLS (OPTIONAL)                                                                                                                     | CUSTOM (OPTIONAL) |
|-----------------------|-------------------------------------|--------------------------------------------------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| CA(#)                 | drywall+cable length (36" std.)     | B#                                                           | F                     | DS#                                                                                                                                        | C                 |
| CT9(#)                | TB/TG 9/16+cable length (36" std.)  |                                                              |                       | OS#                                                                                                                                        |                   |
| CT15(#)               | TB/TG15/16+cable length (36" std.)  |                                                              |                       | DOS#                                                                                                                                       |                   |
| CTS(#)                | ST+cable length (36" std.)          |                                                              |                       | EN#                                                                                                                                        |                   |
| SA(#)                 | drywall+stem length >48" (18" std.) |                                                              |                       | ENR#                                                                                                                                       |                   |
|                       |                                     |                                                              |                       | WC#                                                                                                                                        |                   |
| White canopy standard |                                     | Minimum 5ft; Not available with 347V. Please consult factory | Requires 120V or 277V | Specify quantity. Requires 8" blank.<br>(5) For flush option only, please consult factory. See integrated controls guide for more details. | Please specify    |

## ● CONSTRUCTION

|                          |                                                                  |
|--------------------------|------------------------------------------------------------------|
| <b>Housing</b>           | Extruded aluminum (0.075" nominal)<br>Up to 70% recycled content |
| <b>End Cap</b>           | Cast aluminum                                                    |
| <b>Interior Brackets</b> | Die formed sheet steel (20 gauge)                                |
| <b>Reflectors</b>        | White powder coated sheet steel (22 gauge)                       |
| <b>Lenses</b>            | Extruded acrylic (0.070" nominal)                                |
| <b>Hanger</b>            | Die cast aluminum                                                |
| <b>Suspension</b>        | Sliding aircraft cable along product length                      |

## ● ELECTRICAL

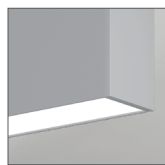
|                       |                                                                                                                                                                                                                  |
|-----------------------|------------------------------------------------------------------------------------------------------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

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

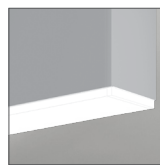
## ● LED SYSTEM

|                           |                                                                                                                                                                       |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CRI</b>                | Minimum 80 or 90 color rendering index.                                                                                                                               |
| <b>CCT</b>                | 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. |
| <b>LED life</b>           | Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.                                         |
| <b>Thermal Management</b> | Aluminum housing acting as the heat sink to maximize life.                                                                                                            |
| <b>Environment</b>        | Dry and damp rated in operating ambient temperatures of 0-40°C (32-104°F).                                                                                            |

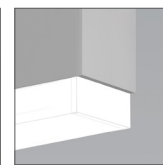
## ● OPTICS



SO Spotless lens



0.25G Glo lens



1.5M 1.5" StepLens

### SPOTLESS LENS

Frosted acrylic snap-in micro lens

### GLO LENS

0.25" frosted acrylic drop lens. Patented design.

### STEPLENS

1.5" StepLens, illuminated end cap.

## ● SYSTEM (S#)

BEAM 4 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 BEAM 4 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. System runs with SurroundLite available in 1' increments only. For more information on systems and joining, please refer to the BEAM installation sheets available for download at [www.axislighting.com](http://www.axislighting.com).

## ● WARRANTY

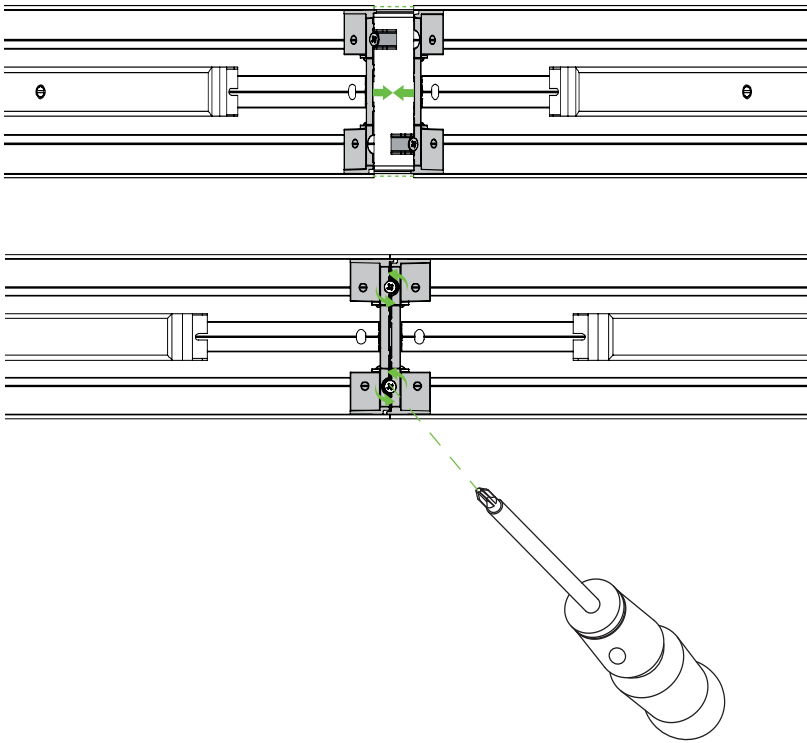
Axis Lighting will warrant defective LEDs, boards, and drivers for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specifications. If defective, Axis will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions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

### ● JOINERS

BEAM 4 luminaires feature the joining mechanism shown below. This mechanism joins and aligns multiple luminaires to create long continuous runs of light.

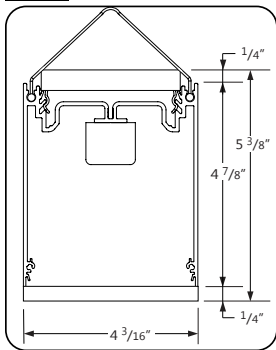
**NOTE:** Mount each system segment individually.

**Do not assemble system prior to mounting**

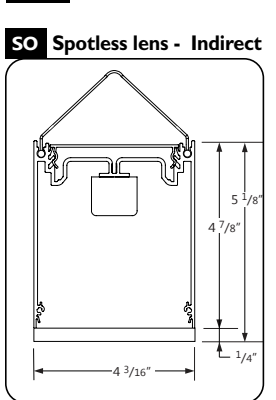


## SECTION VIEWS

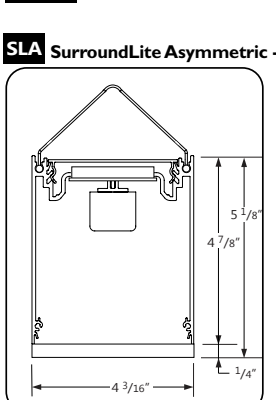
**0.25G** 0.25" Glo lens - Indirect



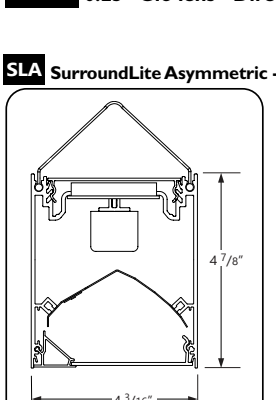
**0.25G** 0.25" Glo lens - Direct



**0.25G** 0.25" Glo lens - Direct



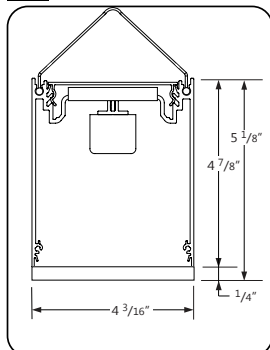
**0.25G** 0.25" Glo lens - Direct



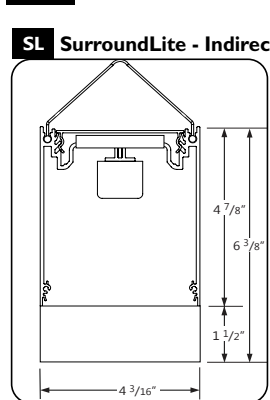
**0.25G** 0.25" Glo lens - Direct

**0.25G** 0.25" Glo lens - Direct

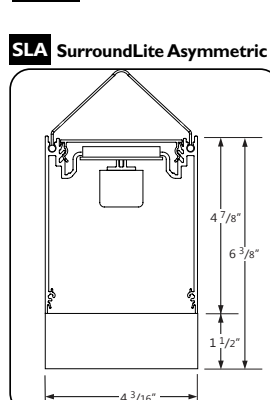
**SL** SurroundLite - Indirect



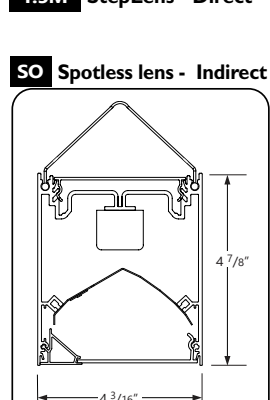
**0.25G** 0.25" Glo lens - Direct



**1.5M** 1.5" StepLens - Direct



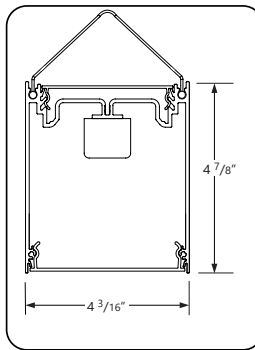
**1.5M** StepLens - Direct



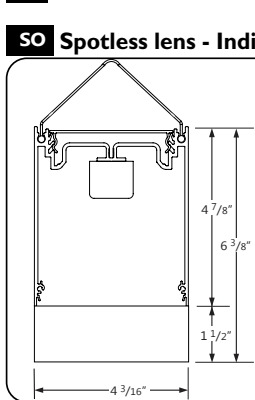
**1.5M** StepLens - Direct

**1.5M** StepLens - Direct

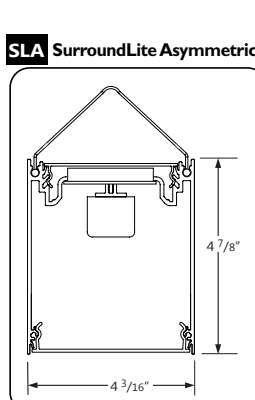
**SO** Spotless lens - Indirect



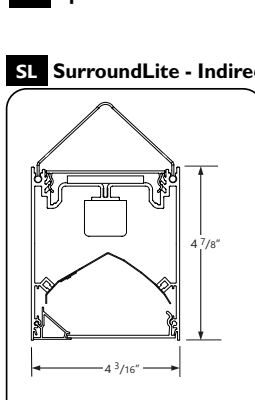
**SO** Spotless lens - Direct



**1.5M** 1.5" StepLens - Direct



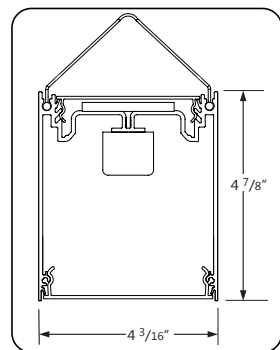
**SO** Spotless lens - Direct



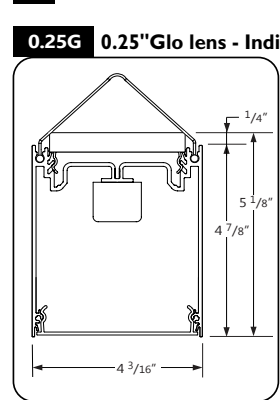
**SO** Spotless lens - Direct

**SO** Spotless lens - Direct

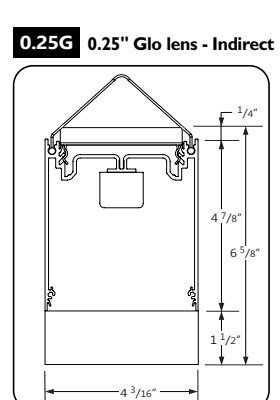
**SL** SurroundLite - Indirect



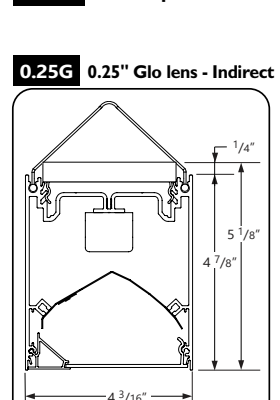
**SO** Spotless lens - Direct



**SO** Spotless lens - Direct



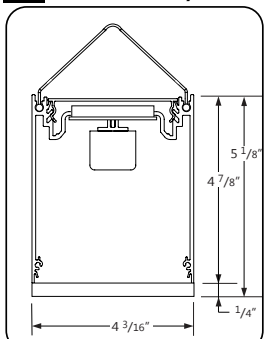
**1.5M** 1.5" StepLens - Direct



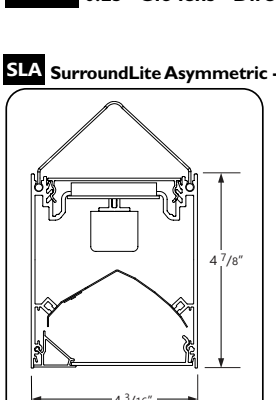
**1.5M** 1.5" StepLens - Direct

**1.5M** 1.5" StepLens - Direct

**SLA** SurroundLite Asymmetric - Indirect



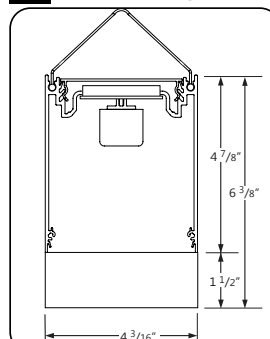
**0.25G** 0.25" Glo lens - Direct



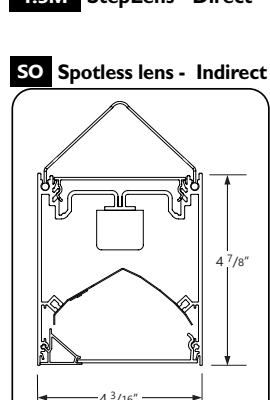
**0.25G** 0.25" Glo lens - Direct

**0.25G** 0.25" Glo lens - Direct

**SLA** SurroundLite Asymmetric - Indirect



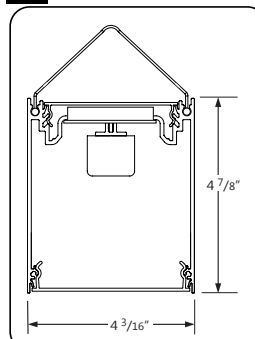
**1.5M** StepLens - Direct



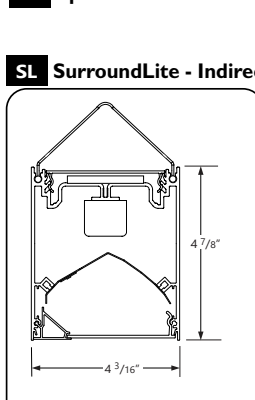
**1.5M** StepLens - Direct

**1.5M** StepLens - Direct

**SLA** SurroundLite Asymmetric - Indirect



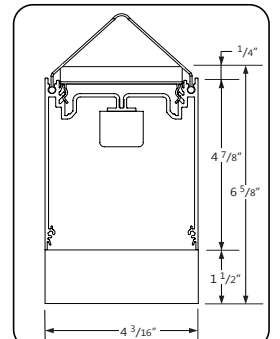
**SO** Spotless lens - Direct



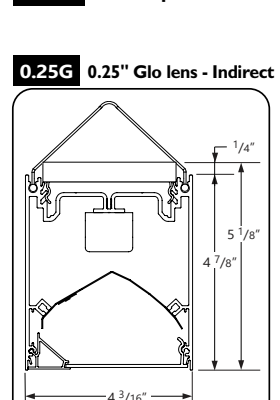
**SO** Spotless lens - Direct

**SO** Spotless lens - Direct

**0.25G** 0.25" Glo lens - Indirect



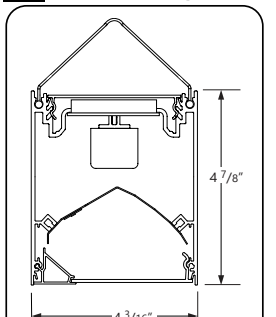
**1.5M** 1.5" StepLens - Direct



**1.5M** 1.5" StepLens - Direct

**1.5M** 1.5" StepLens - Direct

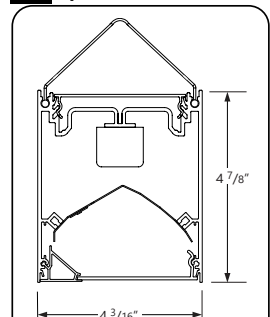
**SLA** SurroundLite Asymmetric - Indirect



**ASY** Asy. SO lens - Direct

**ASY** Asy. SO lens - Direct

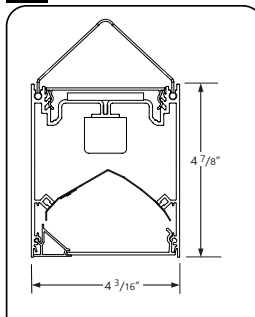
**SO** Spotless lens - Indirect



**ASY** Asy. SO lens - Direct

**ASY** Asy. SO lens - Direct

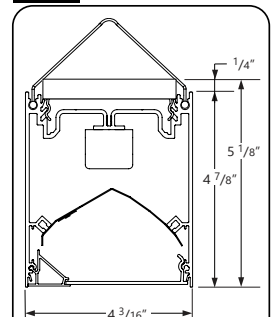
**SL** SurroundLite - Indirect



**ASY** Asy. SO lens - Direct

**ASY** Asy. SO lens - Direct

**0.25G** 0.25" Glo lens - Indirect

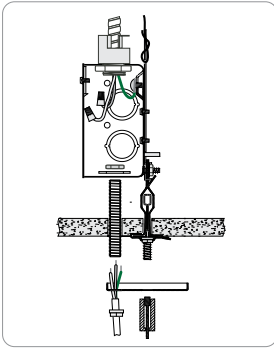


**ASY** Asy. SO lens - Direct

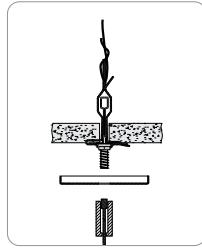
**ASY** Asy. SO lens - Direct

## ● MOUNTING OPTIONS

### CT TILE CEILING - ON GRID

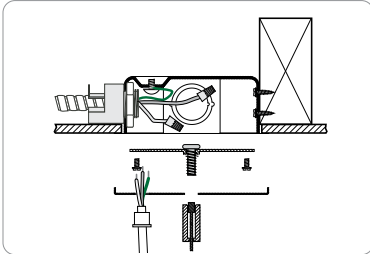


Power feed

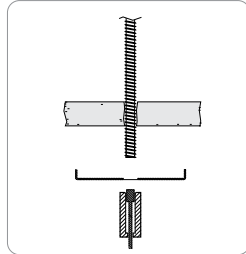


Non power feed

### CA DRYWALL CEILING

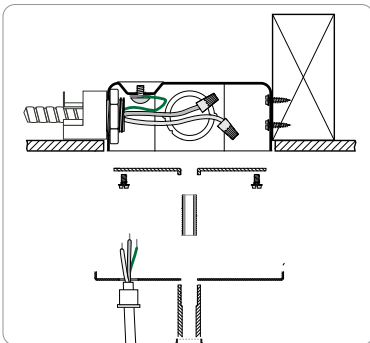


Power feed

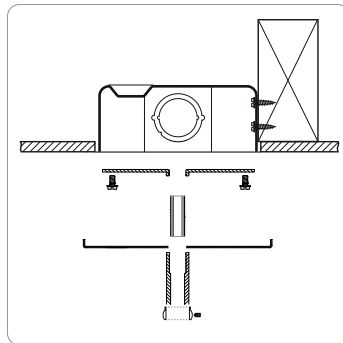


Non power feed

### SA STEM MOUNT IN DRYWALL CEILING



Power feed



Non power feed

## ● OTHER MOUNTING OPTIONS

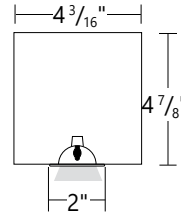
BEAM 4 is also available with wall mounted option.

- Specification sheets and installation sheets for all mountings for BEAM 4 luminaires are available for download at [www.axislighting.com](http://www.axislighting.com)

## ● DOWNLIGHT MODULE LED

**Blank DMLED Quantity**

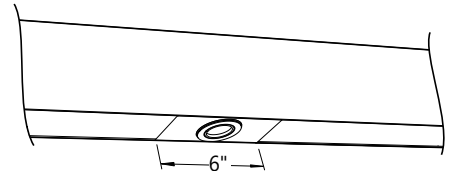
**Spacing**



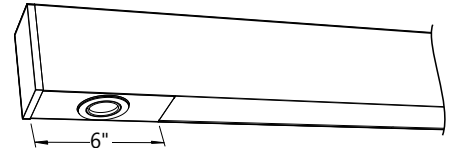
Extruded aluminum (0.075" nominal)  
1.4" diameter  
For every 4' section, there may be up to a maximum of 4 x DM LED lamps.  
Each DM LED lamp is placed centered on a blank section 6" in length.

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

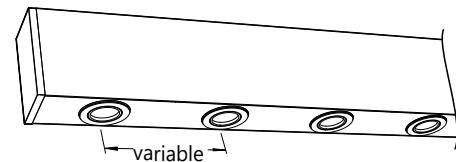
**Between sections**



**At luminaire ends**



**Several in a long blank section**



|                                           |                                 |
|-------------------------------------------|---------------------------------|
| <b>Beam Angle</b>                         | 45 nominal degrees              |
| <b>Input Watts</b>                        | 3W                              |
| <b>Nominal Lumens</b>                     | 50 lumens                       |
| <b>Efficacy</b>                           | 17 lumens per watt              |
| <b>Color Rendering Index (CRI)</b>        | 80                              |
| <b>Life</b>                               | 25,000 hours at L <sub>70</sub> |
| <b>Correlated color temperature (CCT)</b> | 2700K                           |

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

## ● FINISH

Aluminium paint, powder coated and custom finishes are also available.

## ● APPROVALS

Certified to UL and CSA standards



Meets NYC requirements  
Meets ADA requirements.  
Suitable for damp locations.

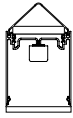
# Beam 4

## Pendant mount - Direct / Indirect

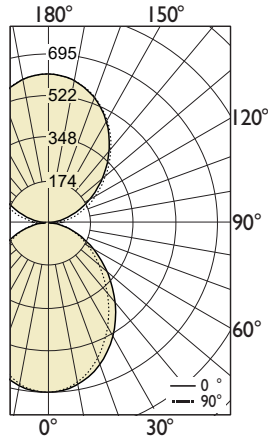
### ● PHOTOMETRIC DATA

**0.25G 0.25 Glo Lens - Up**  
**0.25G 0.25 Glo Lens - Down**

Uplight  
**400 lm/ft**  
 Downlight  
**400 lm/ft**



#### PHOTOMETRIC CURVE



**Lumen/ft up: 400 lm/ft**  
**Lumen/ft down: 401 lm/ft**  
**Total Lumens: 3205 lm (for 4ft)**  
**Input Watts: 27.1 W**  
**Efficacy: 118 lm/W**

IES FILE: TB4DILED-400-400-80-35-0.25G-0.25G-4.IES

TESTED ACCORDING TO IES LM-79-2008

#### CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |     |      |     |
|----------------|-------------------|------|-----|------|-----|
|                | 0                 | 22.5 | 45  | 67.5 | 90  |
| 0              | 695               | 695  | 695 | 695  | 695 |
| 5              | 691               | 690  | 689 | 690  | 689 |
| 15             | 654               | 651  | 645 | 640  | 637 |
| 25             | 584               | 577  | 565 | 553  | 547 |
| 35             | 487               | 480  | 463 | 446  | 439 |
| 45             | 379               | 372  | 355 | 339  | 332 |
| 55             | 272               | 268  | 255 | 242  | 237 |
| 65             | 175               | 173  | 166 | 160  | 157 |
| 75             | 90                | 92   | 93  | 92   | 91  |
| 85             | 26                | 30   | 35  | 39   | 40  |
| 90             | 6                 | 19   | 37  | 52   | 57  |
| 95             | 26                | 35   | 48  | 59   | 64  |
| 105            | 87                | 96   | 109 | 122  | 127 |
| 115            | 166               | 173  | 182 | 193  | 197 |
| 125            | 254               | 260  | 267 | 273  | 275 |
| 135            | 349               | 353  | 357 | 361  | 362 |
| 145            | 441               | 443  | 446 | 448  | 449 |
| 155            | 520               | 520  | 522 | 524  | 524 |
| 165            | 576               | 576  | 577 | 578  | 578 |
| 175            | 605               | 605  | 606 | 606  | 606 |
| 180            | 609               | 609  | 609 | 609  | 609 |

#### ZONAL LUMENS

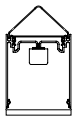
| Zone    | Lumens |
|---------|--------|
| 0       |        |
| 0-10    | 65     |
| 10-20   | 182    |
| 20-30   | 260    |
| 30-40   | 289    |
| 40-50   | 274    |
| 50-60   | 228    |
| 60-70   | 165    |
| 70-80   | 98     |
| 80-90   | 41     |
| 90      |        |
| 90-100  | 54     |
| 100-110 | 115    |
| 110-120 | 181    |
| 120-130 | 238    |
| 130-140 | 275    |
| 140-150 | 278    |
| 150-160 | 240    |
| 160-170 | 163    |
| 170-180 | 57     |
| 180     |        |

#### LUMINANCE DATA (cd/m²)

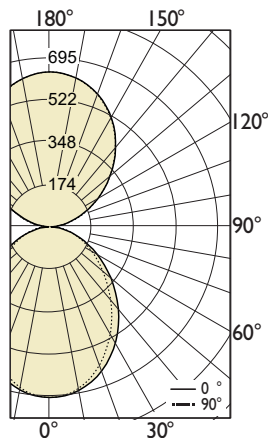
| Vertical Angle | Horizontal Angles |      |      |
|----------------|-------------------|------|------|
|                | 0                 | 45   | 90   |
| 45             | 4717              | 4420 | 4127 |
| 55             | 4179              | 3907 | 3633 |
| 65             | 3632              | 3466 | 3261 |
| 75             | 3063              | 3151 | 3103 |
| 85             | 2611              | 3580 | 4007 |

**SO Spotless Lens - Up**  
**0.25G 0.25 Glo Lens - Down**

Uplight  
**400 lm/ft**  
 Downlight  
**400 lm/ft**



#### PHOTOMETRIC CURVE



**Lumen/ft up: 401 lm/ft**  
**Lumen/ft down: 400 lm/ft**  
**Total Lumens: 3203 lm (for 4ft)**  
**Input Watts: 28.5 W**  
**Efficacy: 112 lm/W**

IES FILE: TB4DILED-400-400-80-35-SO-0.25G-4.IES

TESTED ACCORDING TO IES LM-79-2008

#### CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |     |      |     |
|----------------|-------------------|------|-----|------|-----|
|                | 0                 | 22.5 | 45  | 67.5 | 90  |
| 0              | 695               | 695  | 695 | 695  | 695 |
| 5              | 691               | 690  | 689 | 690  | 689 |
| 15             | 654               | 651  | 645 | 640  | 637 |
| 25             | 584               | 577  | 565 | 553  | 547 |
| 35             | 487               | 480  | 463 | 446  | 439 |
| 45             | 379               | 372  | 355 | 339  | 332 |
| 55             | 272               | 268  | 255 | 242  | 237 |
| 65             | 175               | 173  | 166 | 160  | 157 |
| 75             | 90                | 92   | 93  | 92   | 91  |
| 85             | 26                | 30   | 35  | 39   | 40  |
| 90             | 4                 | 9    | 18  | 23   | 26  |
| 95             | 25                | 26   | 26  | 25   | 23  |
| 105            | 91                | 93   | 95  | 97   | 96  |
| 115            | 175               | 177  | 178 | 179  | 178 |
| 125            | 270               | 271  | 272 | 272  | 270 |
| 135            | 369               | 369  | 369 | 370  | 367 |
| 145            | 463               | 463  | 462 | 463  | 461 |
| 155            | 542               | 543  | 541 | 542  | 540 |
| 165            | 598               | 598  | 598 | 598  | 597 |
| 175            | 627               | 627  | 627 | 627  | 627 |
| 180            | 631               | 631  | 631 | 631  | 631 |

#### ZONAL LUMENS

| Zone    | Lumens |
|---------|--------|
| 0       |        |
| 0-10    | 65     |
| 10-20   | 182    |
| 20-30   | 260    |
| 30-40   | 289    |
| 40-50   | 274    |
| 50-60   | 228    |
| 60-70   | 165    |
| 70-80   | 98     |
| 80-90   | 39     |
| 90      |        |
| 90-100  | 32     |
| 100-110 | 101    |
| 110-120 | 176    |
| 120-130 | 243    |
| 130-140 | 285    |
| 140-150 | 289    |
| 150-160 | 249    |
| 160-170 | 169    |
| 170-180 | 60     |
| 180     |        |

#### LUMINANCE DATA (cd/m²)

| Vertical Angle | Horizontal Angles |      |      |
|----------------|-------------------|------|------|
|                | 0                 | 45   | 90   |
| 45             | 4717              | 4420 | 4127 |
| 55             | 4179              | 3907 | 3633 |
| 65             | 3632              | 3466 | 3261 |
| 75             | 3063              | 3151 | 3103 |
| 85             | 2611              | 3580 | 4007 |

**i** All IES files are available for download at: [www.axislighting.com](http://www.axislighting.com)

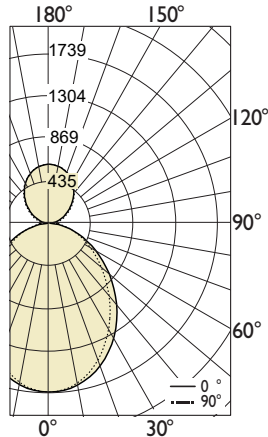
## ● PHOTOMETRIC DATA

**0.25G 0.25 Glo Lens - Up**  
**0.25G 0.25 Glo Lens - Down**

Uplight  
**400 lm/ft**  
 Downlight  
**1000 lm/ft**



### PHOTOMETRIC CURVE



**Lumen/ft up: 401 lm/ft**  
**Lumen/ft down: 1001 lm/ft**  
**Total Lumens: 5608 lm (for 4ft)**  
**Input Watts: 48.15 W**  
**Efficacy: 116 lm/W**

IES FILE: TB4DILED-400-1000-80-35-0.25G-0.25G-4.IES

TESTED ACCORDING TO IES LM-79-2008

### CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |      |      |      |
|----------------|-------------------|------|------|------|------|
|                | 0                 | 22.5 | 45   | 67.5 | 90   |
| 0              | 1739              | 1739 | 1739 | 1739 | 1739 |
| 5              | 1728              | 1725 | 1724 | 1724 | 1722 |
| 15             | 1636              | 1627 | 1613 | 1601 | 1594 |
| 25             | 1459              | 1444 | 1412 | 1383 | 1368 |
| 35             | 1219              | 1200 | 1157 | 1116 | 1097 |
| 45             | 948               | 931  | 888  | 848  | 829  |
| 55             | 681               | 669  | 637  | 606  | 592  |
| 65             | 436               | 432  | 416  | 400  | 392  |
| 75             | 225               | 231  | 232  | 230  | 228  |
| 85             | 65                | 76   | 89   | 97   | 99   |
| 90             | 11                | 31   | 58   | 79   | 86   |
| 95             | 26                | 35   | 48   | 59   | 64   |
| 105            | 87                | 96   | 109  | 122  | 127  |
| 115            | 166               | 173  | 182  | 193  | 197  |
| 125            | 254               | 260  | 267  | 273  | 275  |
| 135            | 349               | 353  | 357  | 361  | 362  |
| 145            | 441               | 443  | 446  | 448  | 449  |
| 155            | 520               | 520  | 522  | 524  | 524  |
| 165            | 576               | 576  | 577  | 578  | 578  |
| 175            | 605               | 605  | 606  | 606  | 606  |
| 180            | 609               | 609  | 609  | 609  | 609  |

### ZONAL LUMENS

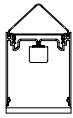
| Zone    | Lumens |
|---------|--------|
| 0       |        |
| 0-10    | 163    |
| 10-20   | 454    |
| 20-30   | 650    |
| 30-40   | 724    |
| 40-50   | 686    |
| 50-60   | 571    |
| 60-70   | 413    |
| 70-80   | 245    |
| 80-90   | 99     |
| 90      |        |
| 90-100  | 56     |
| 100-110 | 115    |
| 110-120 | 181    |
| 120-130 | 238    |
| 130-140 | 275    |
| 140-150 | 278    |
| 150-160 | 240    |
| 160-170 | 163    |
| 170-180 | 57     |
| 180     |        |

### LUMINANCE DATA (cd/m²)

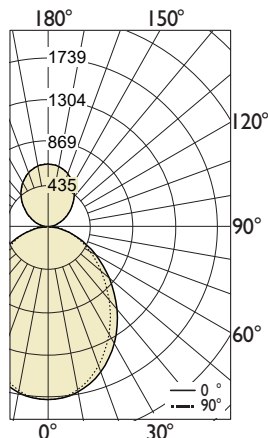
| Vertical Angle | Horizontal Angles |       |       |
|----------------|-------------------|-------|-------|
|                | 0                 | 45    | 90    |
| 45             | 11792             | 11049 | 10317 |
| 55             | 10448             | 9767  | 9082  |
| 65             | 9081              | 8664  | 8153  |
| 75             | 7657              | 7878  | 7757  |
| 85             | 6528              | 8951  | 10016 |

**SO Spotless Lens - Up**  
**0.25G 0.25 Glo Lens - Down**

Uplight  
**400 lm/ft**  
 Downlight  
**1000 lm/ft**



### PHOTOMETRIC CURVE



**Lumen/ft up: 402 lm/ft**  
**Lumen/ft down: 1000 lm/ft**  
**Total Lumens: 5606 lm (for 4ft)**  
**Input Watts: 49.6 W**  
**Efficacy: 113 lm/W**

IES FILE: TB4DILED-400-1000-80-35-SO-0.25G-4.IES

TESTED ACCORDING TO IES LM-79-2008

### CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |      |      |      |
|----------------|-------------------|------|------|------|------|
|                | 0                 | 22.5 | 45   | 67.5 | 90   |
| 0              | 1739              | 1739 | 1739 | 1739 | 1739 |
| 5              | 1728              | 1725 | 1724 | 1724 | 1722 |
| 15             | 1636              | 1627 | 1613 | 1601 | 1594 |
| 25             | 1459              | 1444 | 1412 | 1383 | 1368 |
| 35             | 1219              | 1200 | 1157 | 1116 | 1097 |
| 45             | 948               | 931  | 888  | 848  | 829  |
| 55             | 681               | 669  | 637  | 606  | 592  |
| 65             | 436               | 432  | 416  | 400  | 392  |
| 75             | 225               | 231  | 232  | 230  | 228  |
| 85             | 65                | 76   | 89   | 97   | 99   |
| 90             | 9                 | 21   | 37   | 48   | 51   |
| 95             | 25                | 26   | 26   | 25   | 23   |
| 105            | 91                | 93   | 95   | 97   | 96   |
| 115            | 175               | 177  | 178  | 179  | 178  |
| 125            | 270               | 271  | 272  | 272  | 270  |
| 135            | 369               | 369  | 369  | 370  | 367  |
| 145            | 463               | 463  | 462  | 463  | 461  |
| 155            | 542               | 543  | 541  | 542  | 540  |
| 165            | 598               | 598  | 598  | 598  | 597  |
| 175            | 627               | 627  | 627  | 627  | 627  |
| 180            | 631               | 631  | 631  | 631  | 631  |

### ZONAL LUMENS

| Zone    | Lumens |
|---------|--------|
| 0       |        |
| 0-10    | 163    |
| 10-20   | 454    |
| 20-30   | 650    |
| 30-40   | 724    |
| 40-50   | 686    |
| 50-60   | 571    |
| 60-70   | 413    |
| 70-80   | 245    |
| 80-90   | 96     |
| 90      |        |
| 90-100  | 34     |
| 100-110 | 101    |
| 110-120 | 176    |
| 120-130 | 243    |
| 130-140 | 285    |
| 140-150 | 289    |
| 150-160 | 249    |
| 160-170 | 169    |
| 170-180 | 60     |
| 180     |        |

### LUMINANCE DATA (cd/m²)

| Vertical Angle | Horizontal Angles |       |       |
|----------------|-------------------|-------|-------|
|                | 0                 | 45    | 90    |
| 45             | 11792             | 11049 | 10317 |
| 55             | 10448             | 9767  | 9082  |
| 65             | 9081              | 8664  | 8153  |
| 75             | 7657              | 7878  | 7757  |
| 85             | 6528              | 8951  | 10016 |

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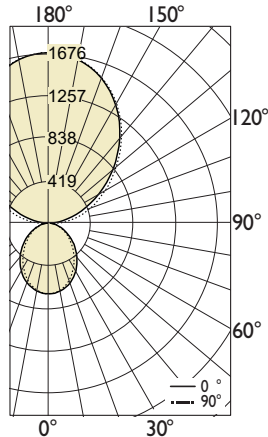
## ● PHOTOMETRIC DATA

**0.25G 0.25 Glo Lens - Up**  
**0.25G 0.25 Glo Lens - Down**

Uplight  
**1100 lm/ft**  
 Downlight  
**400 lm/ft**



### PHOTOMETRIC CURVE



**Lumen/ft up: 1100 lm/ft**  
**Lumen/ft down: 402 lm/ft**  
**Total Lumens: 6011 lm (for 4ft)**  
**Input Watts: 49.9 W**  
**Efficacy: 120 lm/W**

IES FILE: TB4DILED-1100-400-80-35-0.25G-0.25G-4.IES

TESTED ACCORDING TO IES LM-79-2008

### CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |      |      |      |
|----------------|-------------------|------|------|------|------|
|                | 0                 | 22.5 | 45   | 67.5 | 90   |
| 0              | 695               | 695  | 695  | 695  | 695  |
| 5              | 691               | 690  | 689  | 690  | 689  |
| 15             | 654               | 651  | 645  | 640  | 637  |
| 25             | 584               | 577  | 565  | 553  | 547  |
| 35             | 487               | 480  | 463  | 446  | 439  |
| 45             | 379               | 372  | 355  | 339  | 332  |
| 55             | 272               | 268  | 255  | 242  | 237  |
| 65             | 175               | 173  | 166  | 160  | 157  |
| 75             | 90                | 92   | 93   | 92   | 91   |
| 85             | 26                | 30   | 35   | 39   | 40   |
| 90             | 12                | 39   | 76   | 110  | 122  |
| 95             | 72                | 97   | 131  | 163  | 175  |
| 105            | 240               | 265  | 300  | 336  | 351  |
| 115            | 455               | 474  | 502  | 529  | 541  |
| 125            | 699               | 715  | 734  | 750  | 757  |
| 135            | 960               | 969  | 983  | 992  | 996  |
| 145            | 1213              | 1218 | 1227 | 1233 | 1234 |
| 155            | 1429              | 1430 | 1436 | 1440 | 1442 |
| 165            | 1584              | 1584 | 1586 | 1589 | 1590 |
| 175            | 1665              | 1665 | 1665 | 1666 | 1666 |
| 180            | 1676              | 1676 | 1676 | 1676 | 1676 |

### ZONAL LUMENS

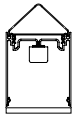
| Zone    | Lumens |
|---------|--------|
| 0       |        |
| 0-10    | 65     |
| 10-20   | 182    |
| 20-30   | 260    |
| 30-40   | 289    |
| 40-50   | 274    |
| 50-60   | 228    |
| 60-70   | 165    |
| 70-80   | 98     |
| 80-90   | 47     |
| 90      |        |
| 90-100  | 144    |
| 100-110 | 317    |
| 110-120 | 497    |
| 120-130 | 655    |
| 130-140 | 757    |
| 140-150 | 766    |
| 150-160 | 661    |
| 160-170 | 447    |
| 170-180 | 158    |
| 180     |        |

### LUMINANCE DATA (cd/m²)

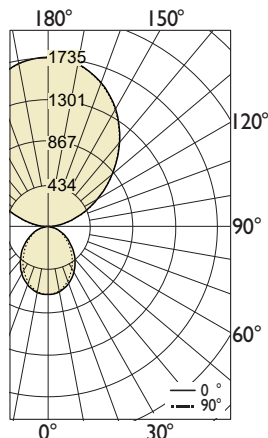
| Vertical Angle | Horizontal Angles |      |      |
|----------------|-------------------|------|------|
|                | 0                 | 45   | 90   |
| 45             | 4717              | 4420 | 4127 |
| 55             | 4179              | 3907 | 3633 |
| 65             | 3632              | 3466 | 3261 |
| 75             | 3063              | 3151 | 3103 |
| 85             | 2611              | 3580 | 4007 |

**SO Spotless Lens - Up**  
**0.25G 0.25 Glo Lens - Down**

Uplight  
**1100 lm/ft**  
 Downlight  
**400 lm/ft**



### PHOTOMETRIC CURVE



**Lumen/ft up: 1101 lm/ft**  
**Lumen/ft down: 400 lm/ft**  
**Total Lumens: 6002 lm (for 4ft)**  
**Input Watts: 53.7 W**  
**Efficacy: 112 lm/W**

IES FILE: TB4DILED-1100-400-80-35-SO-0.25G-4.IES

TESTED ACCORDING TO IES LM-79-2008

### CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |      |      |      |
|----------------|-------------------|------|------|------|------|
|                | 0                 | 22.5 | 45   | 67.5 | 90   |
| 0              | 695               | 695  | 695  | 695  | 695  |
| 5              | 691               | 690  | 689  | 690  | 689  |
| 15             | 654               | 651  | 645  | 640  | 637  |
| 25             | 584               | 577  | 565  | 553  | 547  |
| 35             | 487               | 480  | 463  | 446  | 439  |
| 45             | 379               | 372  | 355  | 339  | 332  |
| 55             | 272               | 268  | 255  | 242  | 237  |
| 65             | 175               | 173  | 166  | 160  | 157  |
| 75             | 90                | 92   | 93   | 92   | 91   |
| 85             | 26                | 30   | 35   | 39   | 40   |
| 90             | 4                 | 9    | 18   | 23   | 26   |
| 95             | 69                | 72   | 72   | 68   | 64   |
| 105            | 250               | 256  | 262  | 267  | 264  |
| 115            | 482               | 487  | 490  | 493  | 488  |
| 125            | 742               | 746  | 747  | 748  | 743  |
| 135            | 1014              | 1015 | 1014 | 1016 | 1009 |
| 145            | 1274              | 1274 | 1271 | 1272 | 1266 |
| 155            | 1491              | 1492 | 1488 | 1490 | 1485 |
| 165            | 1644              | 1645 | 1644 | 1645 | 1642 |
| 175            | 1724              | 1725 | 1724 | 1725 | 1724 |
| 180            | 1735              | 1735 | 1735 | 1735 | 1735 |

### ZONAL LUMENS

| Zone    | Lumens |
|---------|--------|
| 0       |        |
| 0-10    | 65     |
| 10-20   | 182    |
| 20-30   | 260    |
| 30-40   | 289    |
| 40-50   | 274    |
| 50-60   | 228    |
| 60-70   | 165    |
| 70-80   | 98     |
| 80-90   | 39     |
| 90      |        |
| 90-100  | 82     |
| 100-110 | 277    |
| 110-120 | 485    |
| 120-130 | 667    |
| 130-140 | 782    |
| 140-150 | 795    |
| 150-160 | 685    |
| 160-170 | 463    |
| 170-180 | 164    |
| 180     |        |

### LUMINANCE DATA (cd/m²)

| Vertical Angle | Horizontal Angles |      |      |
|----------------|-------------------|------|------|
|                | 0                 | 45   | 90   |
| 45             | 4717              | 4420 | 4127 |
| 55             | 4179              | 3907 | 3633 |
| 65             | 3632              | 3466 | 3261 |
| 75             | 3063              | 3151 | 3103 |
| 85             | 2611              | 3580 | 4007 |

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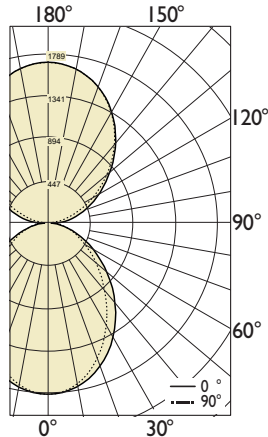
## ● PHOTOMETRIC DATA

**0.25G 0.25 Glo Lens - Up**  
**0.25G 0.25 Glo Lens - Down**

Uplight  
**1100 lm/ft**  
 Downlight  
**1000 lm/ft**



### PHOTOMETRIC CURVE



**Lumen/ft up: 1101 lm/ft**  
**Lumen/ft down: 1002 lm/ft**  
**Total Lumens: 8414 lm (for 4ft)**  
**Input Watts: 71 W**  
**Efficacy: 119 lm/W**

IES FILE: TB4DILED-1100-1000-80-35-0.25G-0.25G-4.IES

TESTED ACCORDING TO IES LM-79-2008

### CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |      |      |      |
|----------------|-------------------|------|------|------|------|
|                | 0                 | 22.5 | 45   | 67.5 | 90   |
| 0              | 1739              | 1739 | 1739 | 1739 | 1739 |
| 5              | 1728              | 1725 | 1724 | 1724 | 1722 |
| 15             | 1636              | 1627 | 1613 | 1601 | 1594 |
| 25             | 1459              | 1444 | 1412 | 1383 | 1368 |
| 35             | 1219              | 1200 | 1157 | 1116 | 1097 |
| 45             | 948               | 931  | 888  | 848  | 829  |
| 55             | 681               | 669  | 637  | 606  | 592  |
| 65             | 436               | 432  | 416  | 400  | 392  |
| 75             | 225               | 231  | 232  | 230  | 228  |
| 85             | 65                | 76   | 89   | 97   | 99   |
| 90             | 16                | 50   | 97   | 137  | 151  |
| 95             | 72                | 97   | 131  | 163  | 175  |
| 105            | 240               | 265  | 300  | 336  | 351  |
| 115            | 455               | 474  | 502  | 529  | 541  |
| 125            | 699               | 715  | 734  | 750  | 757  |
| 135            | 960               | 969  | 983  | 992  | 996  |
| 145            | 1213              | 1218 | 1227 | 1233 | 1234 |
| 155            | 1429              | 1430 | 1436 | 1440 | 1442 |
| 165            | 1584              | 1584 | 1586 | 1589 | 1590 |
| 175            | 1665              | 1665 | 1665 | 1666 | 1666 |
| 180            | 1676              | 1676 | 1676 | 1676 | 1676 |

### ZONAL LUMENS

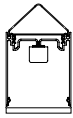
| Zone    | Lumens |
|---------|--------|
| 0       |        |
| 0-10    | 163    |
| 10-20   | 454    |
| 20-30   | 650    |
| 30-40   | 724    |
| 40-50   | 686    |
| 50-60   | 571    |
| 60-70   | 413    |
| 70-80   | 245    |
| 80-90   | 104    |
| 90      |        |
| 90-100  | 147    |
| 100-110 | 317    |
| 110-120 | 497    |
| 120-130 | 655    |
| 130-140 | 757    |
| 140-150 | 766    |
| 150-160 | 661    |
| 160-170 | 447    |
| 170-180 | 158    |
| 180     |        |

### LUMINANCE DATA (cd/m²)

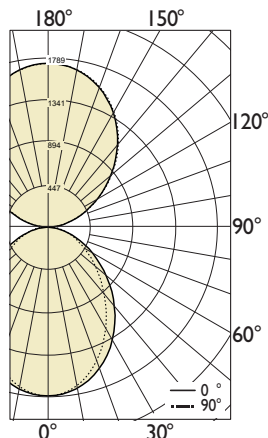
| Vertical Angle | Horizontal Angles |       |       |
|----------------|-------------------|-------|-------|
|                | 0                 | 45    | 90    |
| 45             | 11792             | 11049 | 10317 |
| 55             | 10448             | 9767  | 9082  |
| 65             | 9081              | 8664  | 8153  |
| 75             | 7657              | 7878  | 7757  |
| 85             | 6528              | 8951  | 10016 |

**SO Spotless Lens - Up**  
**0.25G 0.25 Glo Lens - Down**

Uplight  
**1100 lm/ft**  
 Downlight  
**1000 lm/ft**



### PHOTOMETRIC CURVE



**Lumen/ft up: 1100 lm/ft**  
**Lumen/ft down: 999 lm/ft**  
**Total Lumens: 8405 lm (for 4ft)**  
**Input Watts: 74.8 W**  
**Efficacy: 112 lm/W**

IES FILE: TB4DILED-1100-1000-80-35-SO-0.25G-4.IES

TESTED ACCORDING TO IES LM-79-2008

### CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |      |      |      |
|----------------|-------------------|------|------|------|------|
|                | 0                 | 22.5 | 45   | 67.5 | 90   |
| 0              | 1739              | 1739 | 1739 | 1739 | 1739 |
| 5              | 1728              | 1725 | 1724 | 1724 | 1722 |
| 15             | 1636              | 1627 | 1613 | 1601 | 1594 |
| 25             | 1459              | 1444 | 1412 | 1383 | 1368 |
| 35             | 1219              | 1200 | 1157 | 1116 | 1097 |
| 45             | 948               | 931  | 888  | 848  | 829  |
| 55             | 681               | 669  | 637  | 606  | 592  |
| 65             | 436               | 432  | 416  | 400  | 392  |
| 75             | 225               | 231  | 232  | 230  | 228  |
| 85             | 65                | 76   | 89   | 97   | 99   |
| 90             | 11                | 24   | 41   | 52   | 53   |
| 95             | 69                | 72   | 72   | 68   | 64   |
| 105            | 250               | 256  | 262  | 267  | 264  |
| 115            | 482               | 487  | 490  | 493  | 488  |
| 125            | 742               | 746  | 747  | 748  | 743  |
| 135            | 1014              | 1015 | 1014 | 1016 | 1009 |
| 145            | 1274              | 1274 | 1271 | 1272 | 1266 |
| 155            | 1491              | 1492 | 1488 | 1490 | 1485 |
| 165            | 1644              | 1645 | 1644 | 1645 | 1642 |
| 175            | 1724              | 1725 | 1724 | 1725 | 1724 |
| 180            | 1735              | 1735 | 1735 | 1735 | 1735 |

### ZONAL LUMENS

| Zone    | Lumens |
|---------|--------|
| 0       |        |
| 0-10    | 163    |
| 10-20   | 454    |
| 20-30   | 650    |
| 30-40   | 724    |
| 40-50   | 686    |
| 50-60   | 571    |
| 60-70   | 413    |
| 70-80   | 245    |
| 80-90   | 97     |
| 90      |        |
| 90-100  | 85     |
| 100-110 | 277    |
| 110-120 | 485    |
| 120-130 | 667    |
| 130-140 | 782    |
| 140-150 | 795    |
| 150-160 | 685    |
| 160-170 | 463    |
| 170-180 | 164    |
| 180     |        |

### LUMINANCE DATA (cd/m²)

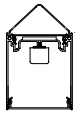
| Vertical Angle | Horizontal Angles |       |       |
|----------------|-------------------|-------|-------|
|                | 0                 | 45    | 90    |
| 45             | 11792             | 11049 | 10317 |
| 55             | 10448             | 9767  | 9082  |
| 65             | 9081              | 8664  | 8153  |
| 75             | 7657              | 7878  | 7757  |
| 85             | 6528              | 8951  | 10016 |

**i** All IES files are available for download at: [www.axislighting.com](http://www.axislighting.com)

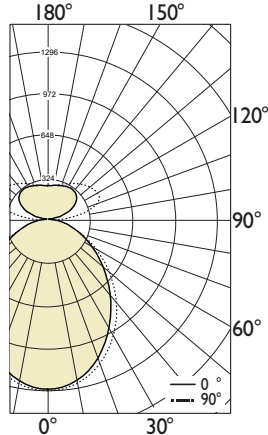
## ● PHOTOMETRIC DATA

SL Surroundlite - Up  
SO Spotless Lens - Down

Uplight  
400 lm/ft  
Downlight  
750 lm/ft



### PHOTOMETRIC CURVE



Lumen/ft up: 750.96 lm/ft  
Lumen/ft down: 400.45 lm/ft  
Total Lumens: 4606 lm/4ft)  
Input Watts: 41.8 W  
Efficacy: 110 lm/W

IES FILE: TB4DILED-400-750-80-35-SL-SO-4.IES

TESTED ACCORDING TO IES LM-79-2008

### CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |      |      |      |
|----------------|-------------------|------|------|------|------|
|                | 0                 | 22.5 | 45   | 67.5 | 90   |
| 0              | 1296              | 1296 | 1296 | 1296 | 1296 |
| 5              | 1285              | 1285 | 1285 | 1287 | 1287 |
| 15             | 1195              | 1199 | 1206 | 1215 | 1218 |
| 25             | 1036              | 1044 | 1062 | 1081 | 1088 |
| 35             | 840               | 851  | 877  | 903  | 912  |
| 45             | 638               | 650  | 678  | 706  | 715  |
| 55             | 453               | 463  | 487  | 511  | 518  |
| 65             | 291               | 299  | 315  | 331  | 335  |
| 75             | 158               | 161  | 169  | 176  | 176  |
| 85             | 46                | 47   | 49   | 50   | 50   |
| 90             | 21                | 19   | 15   | 9    | 4    |
| 95             | 24                | 48   | 61   | 65   | 61   |
| 105            | 119               | 150  | 214  | 300  | 334  |
| 115            | 210               | 234  | 289  | 382  | 433  |
| 125            | 267               | 288  | 325  | 387  | 422  |
| 135            | 292               | 306  | 332  | 368  | 387  |
| 145            | 292               | 301  | 320  | 339  | 348  |
| 155            | 280               | 284  | 296  | 307  | 312  |
| 165            | 267               | 268  | 273  | 277  | 279  |
| 175            | 258               | 259  | 259  | 260  | 260  |
| 180            | 257               | 257  | 257  | 257  | 257  |

### ZONAL LUMENS

| Zone    | Lumens |
|---------|--------|
| 0       | 122    |
| 0-10    | 340    |
| 10-20   | 489    |
| 20-30   | 548    |
| 30-40   | 523    |
| 40-50   | 436    |
| 50-60   | 313    |
| 60-70   | 179    |
| 70-80   | 56     |
| 80-90   | 68     |
| 90      | 231    |
| 90-100  | 302    |
| 100-110 | 300    |
| 110-120 | 260    |
| 120-130 | 201    |
| 130-140 | 137    |
| 140-150 | 78     |
| 150-160 | 25     |
| 160-170 |        |
| 170-180 |        |
| 180     |        |

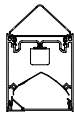
### LUMINANCE DATA (cd/m²)

| Vertical Angle | Horizontal Angles |      |      |
|----------------|-------------------|------|------|
|                | 0                 | 45   | 90   |
| 45             | 7938              | 8436 | 8892 |
| 55             | 6941              | 7469 | 7938 |
| 65             | 6067              | 6566 | 6978 |
| 75             | 5355              | 5735 | 5982 |
| 85             | 4667              | 4936 | 5085 |

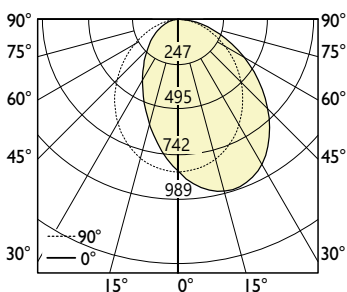
## ● PHOTOMETRIC DATA - ASYMMETRIC DIRECT

ASO Asy. Spotless Lens - Down

Downlight  
500 lm/ft



### PHOTOMETRIC CURVE



Lumen/ft down: 524 lm/ft  
Total Lumens: 2096 lm/4ft)  
Input Watts: 22.03 W  
Efficacy: 95 lm/W

IES FILE: TB4LED-500-80-30-ASO-4 .IES

TESTED ACCORDING TO IES LM-79-2008

### CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |     |      |     |
|----------------|-------------------|------|-----|------|-----|
|                | 0                 | 22.5 | 45  | 67.5 | 90  |
| 0              | 846               | 846  | 846 | 846  | 846 |
| 5              | 915               | 911  | 897 | 867  | 839 |
| 15             | 986               | 972  | 932 | 872  | 798 |
| 25             | 965               | 949  | 901 | 821  | 719 |
| 35             | 860               | 846  | 801 | 719  | 611 |
| 45             | 694               | 686  | 653 | 581  | 484 |
| 55             | 508               | 502  | 479 | 428  | 353 |
| 65             | 324               | 321  | 308 | 277  | 228 |
| 75             | 164               | 164  | 159 | 144  | 120 |
| 85             | 36                | 37   | 39  | 38   | 34  |
| 90             | 1                 | 1    | 1   | 1    | 1   |

### ZONAL LUMENS

| Zone  | Lumens |
|-------|--------|
| 0     |        |
| 0-10  | 80     |
| 10-20 | 225    |
| 20-30 | 331    |
| 30-40 | 381    |
| 40-50 | 372    |
| 50-60 | 315    |
| 60-70 | 227    |
| 70-80 | 128    |
| 80-90 | 37     |
| 90    | 0      |

### LUMINANCE DATA (cd/m²)

| Vertical Angle | Horizontal Angles |       |      |
|----------------|-------------------|-------|------|
|                | 0                 | 45    | 90   |
| 45             | 10871             | 10226 | 7583 |
| 55             | 9798              | 9254  | 6821 |
| 65             | 8480              | 8078  | 5982 |
| 75             | 7030              | 6809  | 5125 |
| 85             | 4622              | 4976  | 4276 |

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