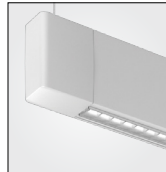
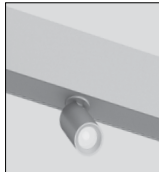


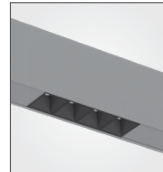
Micro lens shown



Micro Louver shown



Accent regular shown



MikroLite 1.0 shown



MikroLite™

### PRODUCT DIRECTORY

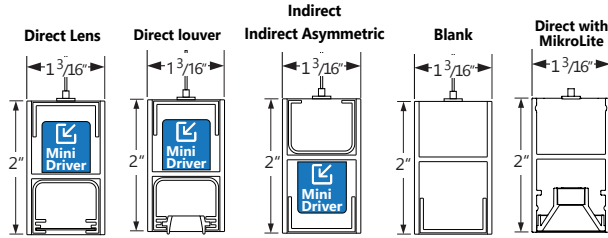
**NOTE:** STCO is available with Hub End Caps, In-line hubs, Blank, Indirect or Accent segments. For other options, please see table below.

| PRODUCT ID              | END CAPS |      | DISTRIBUTIONS |                         |       |         |           | JOINING     |                 |
|-------------------------|----------|------|---------------|-------------------------|-------|---------|-----------|-------------|-----------------|
|                         | HUB      | FLAT | DIRECT        | INDIRECT/INDIRECT ASYM. | BLANK | ACCENTS | MikroLite | IN-LINE HUB | INTERNAL JOINER |
| STD <sup>(1)</sup>      |          | X    | X             |                         |       |         |           |             | X               |
| SLI/SLIA <sup>(2)</sup> |          | X    |               | X                       |       |         |           |             | X               |
| STCO <sup>(3)</sup>     | X        |      | X             | X                       | X     | X       | X         | X           |                 |

<sup>(1)</sup> Stencil Pendant Direct LED Linear.

<sup>(2)</sup> Stencil Pendant Indirect/ Indirect Asymmetric LED Linear.

<sup>(3)</sup> Stencil Pendant LED Combined Distribution Linear.



See page 4 for Accent section view

### Ordering Guide

| STCO                                         |                                                               |                                          |                            |      |                                                                                                                                                                   |                   |                                        |                          |           |                                          |      |                             |  |
|----------------------------------------------|---------------------------------------------------------------|------------------------------------------|----------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------|--------------------------|-----------|------------------------------------------|------|-----------------------------|--|
| PRODUCT ID                                   |                                                               | TOTAL LENGTH & NOM. LUMENS/FT - INDIRECT |                            |      |                                                                                                                                                                   |                   | TOTAL LENGTH & NOM. LUMENS/FT - DIRECT |                          |           |                                          |      | TOTAL LENGTH - BLANK (OPT.) |  |
| STCO                                         | Stencil Pendant LED Linear with combined distribution options | SLI(length-lumen)                        | SurrounLite indirect       | 175  | 175 lm/ft                                                                                                                                                         | DSO(length-lumen) | direct spotless lens                   | 200                      | 200 lm/ft | SO lens option only                      | B(#) | blank                       |  |
|                                              |                                                               | +SLIA(length-lumen)                      | SurroundLite indirect asy. | 250  | 250 lm/ft                                                                                                                                                         | DML(length-lumen) | direct micro louver*                   | 300                      | 300 lm/ft |                                          |      |                             |  |
|                                              |                                                               | NO                                       | no indirect                | 350  | 350 lm/ft                                                                                                                                                         | NO                | no direct                              | 400                      | 400 lm/ft |                                          |      |                             |  |
|                                              |                                                               |                                          |                            | 500  | 500 lm/ft                                                                                                                                                         |                   |                                        | 150                      | 150 lm/ft |                                          |      |                             |  |
|                                              |                                                               |                                          |                            | 700  | 700 lm/ft                                                                                                                                                         |                   |                                        | 225                      | 225 lm/ft |                                          |      |                             |  |
|                                              |                                                               |                                          |                            | 1000 | 1000 lm/ft                                                                                                                                                        |                   |                                        | 300                      | 300 lm/ft |                                          |      |                             |  |
|                                              |                                                               |                                          |                            |      |                                                                                                                                                                   | 450               | 450 lm/ft                              | Micro louver option only |           |                                          |      |                             |  |
|                                              |                                                               |                                          |                            |      |                                                                                                                                                                   | 600               | 600 lm/ft                              |                          |           |                                          |      |                             |  |
| Lit segments are available in 1' increments. |                                                               |                                          |                            |      | Lit segments are available in 1' increments.<br>Standard product comes with micro lens. Applies to all downlight segments.<br>* Louver comes in grey finish only. |                   |                                        |                          |           | Available in any length; min 7", max 8". |      |                             |  |

| CRI                         | COLOR TEMP.              | HUB QUANTITY - SERIES A (OPT.)                               | MikroLite MODULE (OPT.) | MikroLite CRI (OPT.)                                                                                                                                                           | MikroLite COLOR TEMP (OPT.) | MikroLite BEAM ANGLES | MikroLite CELL FINISH (OPT.) |
|-----------------------------|--------------------------|--------------------------------------------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------|------------------------------|
| 80 80 CRI                   | 27 2700 K <sup>(3)</sup> | +AI(#)                                                       | Inline Hub (180°)       | 80 80 CRI                                                                                                                                                                      | 27 2700K                    | W wide                | GR gray                      |
| 90 90 CRI                   | 30 3000 K                |                                                              |                         | 90 90 CRI                                                                                                                                                                      | 30 3000K                    | N narrow              | W white                      |
|                             | 35 3500 K                |                                                              |                         |                                                                                                                                                                                | 35 3500K                    |                       | BLK black                    |
|                             | 40 4000 K                |                                                              |                         |                                                                                                                                                                                | 40 4000K                    |                       |                              |
| Applies to both Up and Down |                          | Applies to both Up and Down (3) 10% decrease in lumen output |                         | 1 module contains 4 MikroLites; Module length is 4". Minimum length for MikroLite option is 3". Minimum distance from edge 3". 500 lm/module. See page 4 for more information. |                             |                       |                              |

| FINISH            | VOLTAGE           | MD DRIVER                                 | CIRCUITS             | MOUNTING/SUSPENSION | CANOPY                | BATTERY - REMOTE (OPT.) |
|-------------------|-------------------|-------------------------------------------|----------------------|---------------------|-----------------------|-------------------------|
| AP aluminum paint | 120 120 V         | MD integral mini driver                   | 1 1 circuit          | CA(#)               | RC round canopy       | B# remote battery pack  |
| W white           | 277 277 V         | 0-10V dimming 2%                          | 2 2 circuits         | CT9(#)              | SC square canopy      |                         |
| BLK black         | 347 347 V*        |                                           | +E(#)                | CT15(#)             |                       |                         |
| C custom          | UNV universal     |                                           | +NL(#)               | CTS(#)              |                       |                         |
|                   | * Consult factory | Only integral 0-10V mini driver available | (4) Specify quantity | Specify length      | White canopy standard | Remote only             |

### Ordering Guide-Accent Only (Optional)

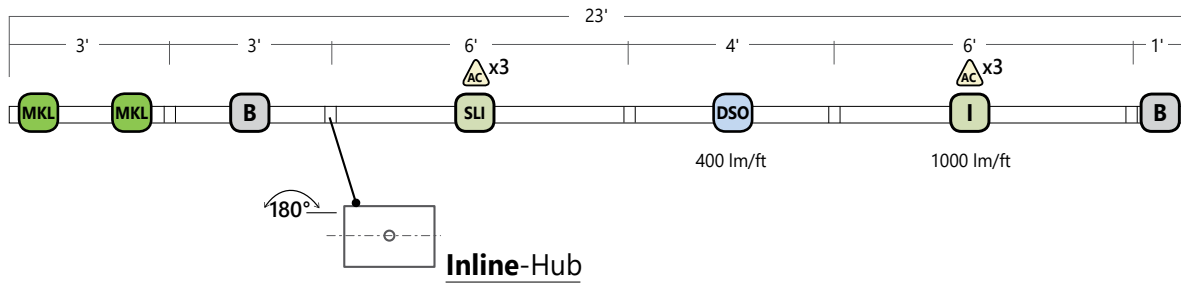
\* For Accent only, specify the total blank length. Specify NO for total direct & indirect length.

| CUSTOM (OPT.)  | ACCENT QUANTITY                                                                                                                                                                                                                                         | CRI       | COLOR TEMP. | ACCENT OPTION                                          | BEAM       | ACCENT FINISH     |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|--------------------------------------------------------|------------|-------------------|
| C custom       | AC(#)                                                                                                                                                                                                                                                   | 80 80 CRI | 27 2700 K   | R regular                                              | D20 20 deg | AP aluminum paint |
|                |                                                                                                                                                                                                                                                         | 90 90 CRI | 30 3000 K   | S snoot                                                | D35 35 deg | W white           |
|                |                                                                                                                                                                                                                                                         |           | 35 3500 K   |                                                        |            | BLK black         |
|                |                                                                                                                                                                                                                                                         |           | 40 4000 K   |                                                        |            |                   |
| Please specify | Only available in 500 lumens, with 0-10V dimming (5%). Minimum spacing between Accents is 6". Accent provided on blank section by default (min length 3 ft). Also compatible with indirect segments (min length 6 ft). See page 3 for more information. |           |             | See page 4 for more information. Not available on Hub. |            |                   |

# How to Specify Total Linear Length, Distributions

## Example

DSO Direct lens   
 DML Direct louver   
 SLI SurroundLite Indirect   
 SLIA SurroundLite Indirect Asymmetric   
 MKL MikroLite   
 B Blank   
 AC Accent



### 1. Specify Total Length - Indirect

**SLI(12-1000)**  
 TOTAL LENGTH\* & NOM. LUMENS/FT -  
 SURROUNDLITE INDIRECT



### 2. Specify Total Length - Direct

**DSO(4-400)**  
 TOTAL LENGTH\* & NOM. LUMENS/FT - DIRECT



direct spotless lens  
**DSO(4-400)**  
 4' 400 lm/ft

### 3. Specify Total Length - Blank

**B(4)**  
 TOTAL LENGTH\*\* - BLANK



### 4. Specify Hub Quantity

**AI(4)**  
 HUB QTY\*\*\*



### 5. Specify MikroLite Module (if necessary)

**MKL(2)**  
 MikroLite MODULE (OPT.)



### 6. Specify Accent Quantity (if necessary)

**AC(6)**  
 ACCENT QTY



- Accent provided on blank section by default (min length 3').  
 - Also compatible with indirect segments (min length 6').

Specify total linear length of each distribution.

\*\*Blank segments: available in any length; min 7", max 8'.

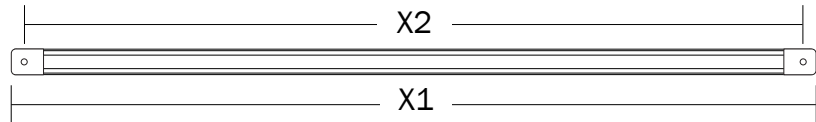
\*\*\*Specify total quantity of Hubs

### ● SEGMENT LENGTHS AND MOUNTING POINTS

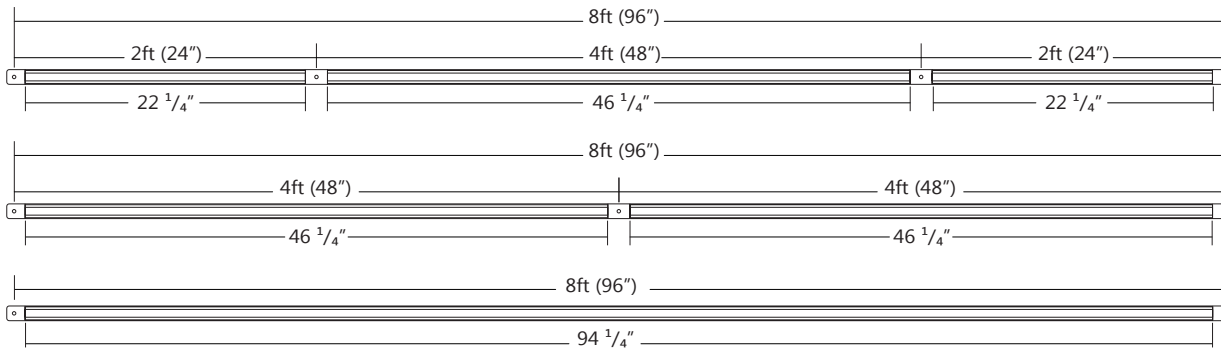
Stencil lit segments are available in one foot increments. Unlit blank segments are available in any length from 7" to 8'. Segments exceeding 8' in length are comprised of a combination of lengths to be assembled on site with an Inline Hub. Minimum blank segment length for one Accent is 3'. Minimum segment length for Accent and Indirect is 6'.

For more information on systems and joining, please refer to the Stencil installation sheets available for download at [www.axislighting.com](http://www.axislighting.com).

| Feet | Segment length<br>X1 |      | Mounting points<br>X2 |      |
|------|----------------------|------|-----------------------|------|
|      | Inches               | mm   | Inches                | mm   |
| 2    | 24.000               | 610  | 22.250                | 565  |
| 3    | 36.875               | 937  | 35.125                | 892  |
| 4    | 48.000               | 1219 | 46.250                | 1175 |
| 5    | 59.125               | 1502 | 57.375                | 1457 |
| 6    | 72.000               | 1829 | 70.250                | 1784 |
| 7    | 83.125               | 2111 | 81.375                | 2067 |
| 8    | 96.000               | 2438 | 94.250                | 2394 |



**X1 - Segment length**  
**X2 - Mounting points**

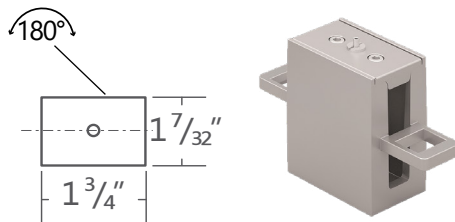


**i** Lengths above 8' will require Inline Hub.  
Available in 1' increments.

### ● HUBS

Patent-pending system combining mechanical, electrical and suspension functions. Non-illuminated lighting segment connectors: **Inline-Hub (180°)**.

#### Inline -Hub (180°)



### 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 3.0-step MacAdam ellipse).   |
| <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>Performance</b>        | Up to 101 lm/W.                                                                                                               |

### CONSTRUCTION

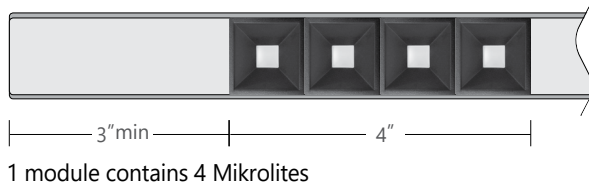
|                          |                                            |
|--------------------------|--------------------------------------------|
| <b>Housing</b>           | Extruded Aluminum (0.080" nominal) up to   |
| <b>End Cap+Joiner</b>    | Die Cast Aluminum                          |
| <b>Interior Brackets</b> | Die Formed Sheet Steel (20 gauge)          |
| <b>Reflectors</b>        | White Powder Coated Sheet Steel (22 gauge) |
| <b>Lenses</b>            | Extruded Acrylic                           |
| <b>Hanger</b>            | Die Cast Aluminum                          |
| <b>Suspension</b>        | Aircraft Cable along product length        |
| <b>Cable Grips</b>       | Quick Connecting / Release                 |

### ELECTRICAL

|                      |                                                                           |
|----------------------|---------------------------------------------------------------------------|
| <b>Mini driver</b>   | STENCIL features integral mini driver technology. 0-10V dimming standard. |
| <b>Emergency</b>     | Remote emergency battery pack 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.

### STENCIL PENDANT WITH MIKROLITE 1.0



### 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.

### FINISH

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

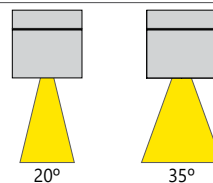
### APPROVALS

Certified to UL and CSA standards. Suitable for damp locations.

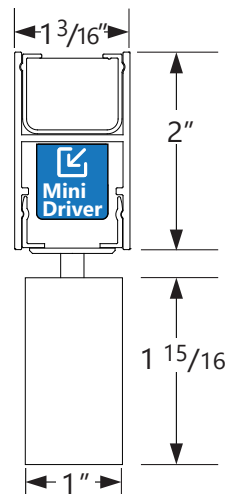
### LIGHT GUIDE

High precision light guide made of PMMA material, allows distribution of controlled light in all 3-dimensions to put light on both vertical and horizontal planes within the space. Patented lightguide design featuring molecular optics and precision-coupled optic components yield a high efficiency luminaire. In-plane mixing maximizes color uniformity while light emitting area is uniform and diffuse without 'head lighting' from the LED's.

### ACCENT BEAM SPREADS



### STENCIL WITH ACCENT SECTION VIEW



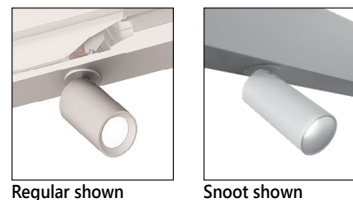
#### ACCENT EFFICACY

|                           |                                          |
|---------------------------|------------------------------------------|
| <b>3 Accents / Driver</b> | 120V, 21W, 0.18A;<br>277V, 21.5W, 0.10A. |
| <b>1 Accent / Driver</b>  | 120V, 8W, 0.12A;<br>277V, 8.4W, 0.06A.   |

**NOTE:** Configuration of multiple accents with different drivers will change efficacy values.



### ACCENT OPTIONS

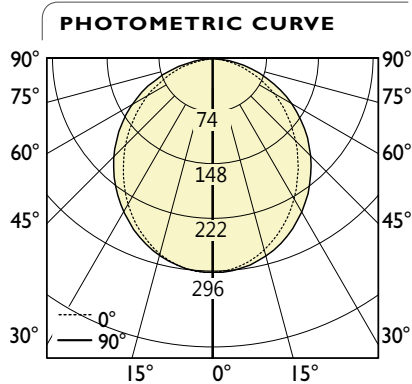


Accent positioning options.



### ● PHOTOMETRIC DATA - DIRECT

200 lm/ft



**Direct Output: 200 lm/ft**  
**Total Lumens: 781 lm (for 4ft)**  
**Input Watts: 8.5 W**  
**Efficacy: 92 lm/W**

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.  
 IES FILE: STD-200-80-35-4.IES  
 TESTED ACCORDING TO IES LM-79-2008

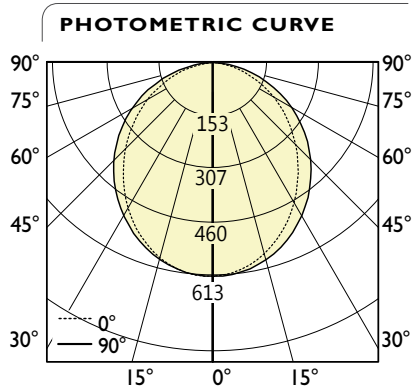
| CANDELA DISTRIBUTION |                   |      |     |      |     |
|----------------------|-------------------|------|-----|------|-----|
| Vertical Angle       | Horizontal Angles |      |     |      |     |
|                      | 0                 | 22.5 | 45  | 67.5 | 90  |
| 0                    | 296               | 296  | 296 | 296  | 296 |
| 5                    | 292               | 292  | 293 | 294  | 294 |
| 15                   | 273               | 274  | 277 | 281  | 282 |
| 25                   | 242               | 244  | 250 | 256  | 259 |
| 35                   | 203               | 206  | 215 | 224  | 228 |
| 45                   | 161               | 165  | 176 | 186  | 190 |
| 55                   | 118               | 122  | 133 | 143  | 148 |
| 65                   | 75                | 79   | 89  | 98   | 102 |
| 75                   | 35                | 38   | 45  | 52   | 55  |
| 85                   | 5                 | 6    | 8   | 11   | 12  |
| 90                   | 0                 | 0    | 0   | 0    | 0   |

| ZONAL LUMENS |        |
|--------------|--------|
| Zone         | Lumens |
| 0            |        |
| 0-10         | 28     |
| 10-20        | 79     |
| 20-30        | 117    |
| 30-40        | 138    |
| 40-50        | 139    |
| 50-60        | 123    |
| 60-70        | 92     |
| 70-80        | 52     |
| 80-90        | 13     |
| 90           |        |

| LUMINANCE DATA (cd/m <sup>2</sup> ) |                   |       |       |
|-------------------------------------|-------------------|-------|-------|
| Vertical Angle                      | Horizontal Angles |       |       |
|                                     | 0                 | 45    | 90    |
| 45                                  | 20504             | 22389 | 24210 |
| 55                                  | 18510             | 20928 | 23220 |
| 65                                  | 16045             | 18879 | 21798 |
| 75                                  | 12317             | 15483 | 18962 |
| 85                                  | 5579              | 8576  | 12605 |

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

400 lm/ft



**Direct Output: 400 lm/ft**  
**Total Lumens: 1623 lm (for 4ft)**  
**Input Watts: 16.1 W**  
**Efficacy: 101 lm/W**

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.  
 IES FILE: STD-400-80-35-4.IES  
 TESTED ACCORDING TO IES LM-79-2008

| CANDELA DISTRIBUTION |                   |      |     |      |     |
|----------------------|-------------------|------|-----|------|-----|
| Vertical Angle       | Horizontal Angles |      |     |      |     |
|                      | 0                 | 22.5 | 45  | 67.5 | 90  |
| 0                    | 613               | 613  | 613 | 613  | 613 |
| 5                    | 605               | 606  | 607 | 609  | 610 |
| 15                   | 566               | 569  | 575 | 581  | 585 |
| 25                   | 502               | 506  | 519 | 531  | 537 |
| 35                   | 421               | 428  | 447 | 465  | 473 |
| 45                   | 333               | 342  | 365 | 386  | 395 |
| 55                   | 244               | 253  | 277 | 298  | 308 |
| 65                   | 156               | 163  | 184 | 205  | 213 |
| 75                   | 73                | 79   | 93  | 107  | 114 |
| 85                   | 11                | 13   | 17  | 23   | 26  |
| 90                   | 0                 | 0    | 0   | 1    | 0   |

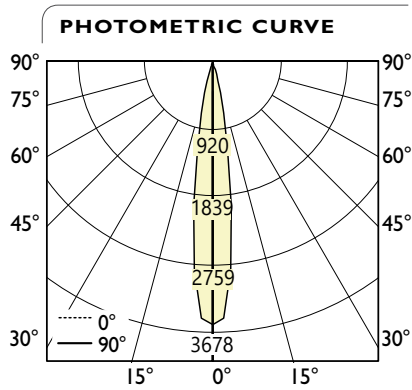
| ZONAL LUMENS |        |
|--------------|--------|
| Zone         | Lumens |
| 0            |        |
| 0-10         | 58     |
| 10-20        | 164    |
| 20-30        | 243    |
| 30-40        | 286    |
| 40-50        | 289    |
| 50-60        | 256    |
| 60-70        | 192    |
| 70-80        | 108    |
| 80-90        | 28     |
| 90           |        |

| LUMINANCE DATA (cd/m <sup>2</sup> ) |                   |       |       |
|-------------------------------------|-------------------|-------|-------|
| Vertical Angle                      | Horizontal Angles |       |       |
|                                     | 0                 | 45    | 90    |
| 45                                  | 42459             | 46496 | 50330 |
| 55                                  | 38355             | 43489 | 48309 |
| 65                                  | 33241             | 39292 | 45280 |
| 75                                  | 25434             | 32219 | 39630 |
| 85                                  | 11262             | 17772 | 26347 |

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

### ● PHOTOMETRIC DATA - ACCENTS

#### Accent 20 degree



**Total Lumens: 391 lm (for 1 accent)**  
**Input Watts: 7.9 W**  
**Efficacy: 49 lm/W**

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.  
 IES FILE: Stencil-AC-D20(A17399G-20 DG).IES  
 TESTED ACCORDING TO IES LM-79-2008

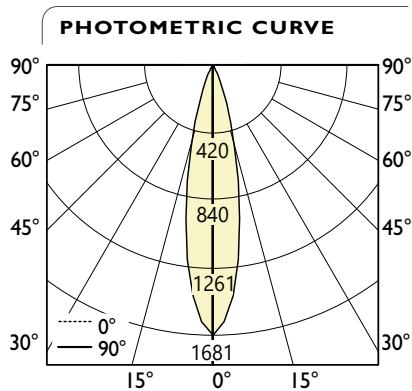
| CANDELA DISTRIBUTION |                   |      |      |      |      |
|----------------------|-------------------|------|------|------|------|
| Vertical Angle       | Horizontal Angles |      |      |      |      |
|                      | 0                 | 22.5 | 45   | 67.5 | 90   |
| 0                    | 3605              | 3605 | 3605 | 3605 | 3605 |
| 5                    | 2668              | 2516 | 1376 | 2760 | 2863 |
| 15                   | 398               | 366  | 183  | 405  | 422  |
| 25                   | 50                | 48   | 23   | 57   | 53   |
| 35                   | 12                | 11   | 5    | 12   | 12   |
| 45                   | 6                 | 6    | 3    | 6    | 6    |
| 55                   | 4                 | 4    | 2    | 4    | 4    |
| 65                   | 3                 | 3    | 1    | 3    | 3    |
| 75                   | 1                 | 1    | 0    | 1    | 1    |
| 85                   | 0                 | 0    | 0    | 0    | 0    |
| 90                   | 0                 | 0    | 0    | 0    | 0    |

| ZONAL LUMENS |        |
|--------------|--------|
| Zone         | Lumens |
| 0            |        |
| 0-10         | 211    |
| 10-20        | 131    |
| 20-30        | 29     |
| 30-40        | 8      |
| 40-50        | 4      |
| 50-60        | 4      |
| 60-70        | 3      |
| 70-80        | 1      |
| 80-90        | 0      |
| 90           |        |

| LUMINANCE DATA (cd/m²) |                   |      |       |
|------------------------|-------------------|------|-------|
| Vertical Angle         | Horizontal Angles |      |       |
|                        | 0                 | 45   | 90    |
| 45                     | 16184             | 7724 | 16550 |
| 55                     | 14208             | 6951 | 14208 |
| 65                     | 12306             | 6360 | 13742 |
| 75                     | 5358              | 3013 | 6027  |
| 85                     | 1986              | 1005 | 5958  |

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

#### Accent 35 degree



**Total Lumens: 355 lm (for 1 accent)**  
**Input Watts: 6.8 W**  
**Efficacy: 52 lm/W**

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.  
 IES FILE: Stencil-AC-D35(A18322G-35 DG).IES  
 TESTED ACCORDING TO IES LM-79-2008

| CANDELA DISTRIBUTION |                   |      |      |      |      |
|----------------------|-------------------|------|------|------|------|
| Vertical Angle       | Horizontal Angles |      |      |      |      |
|                      | 0                 | 22.5 | 45   | 67.5 | 90   |
| 0                    | 1681              | 1681 | 1681 | 1681 | 1681 |
| 5                    | 1442              | 1453 | 1453 | 1455 | 1453 |
| 15                   | 527               | 518  | 518  | 512  | 506  |
| 25                   | 110               | 109  | 112  | 108  | 105  |
| 35                   | 25                | 25   | 25   | 25   | 24   |
| 45                   | 9                 | 9    | 9    | 9    | 9    |
| 55                   | 5                 | 5    | 5    | 5    | 5    |
| 65                   | 3                 | 3    | 3    | 3    | 3    |
| 75                   | 1                 | 1    | 1    | 1    | 1    |
| 85                   | 0                 | 0    | 0    | 0    | 0    |
| 90                   | 0                 | 0    | 0    | 0    | 0    |

| ZONAL LUMENS |        |
|--------------|--------|
| Zone         | Lumens |
| 0            |        |
| 0-10         | 123    |
| 10-20        | 145    |
| 20-30        | 55     |
| 30-40        | 17     |
| 40-50        | 7      |
| 50-60        | 5      |
| 60-70        | 3      |
| 70-80        | 1      |
| 80-90        | 0      |
| 90           |        |

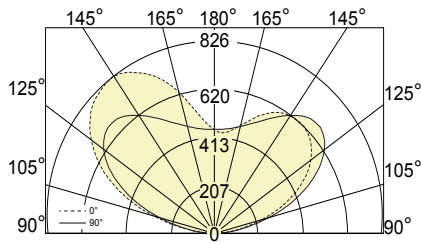
| LUMINANCE DATA (cd/m²) |                   |       |       |
|------------------------|-------------------|-------|-------|
| Vertical Angle         | Horizontal Angles |       |       |
|                        | 0                 | 45    | 90    |
| 45                     | 30812             | 31571 | 30121 |
| 55                     | 21803             | 22482 | 21803 |
| 65                     | 15718             | 15604 | 16184 |
| 75                     | 4908              | 4908  | 5289  |
| 85                     | 2236              | 1684  | 2236  |

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

### ● PHOTOMETRIC DATA - INDIRECT

700 lm/ft

#### PHOTOMETRIC CURVE



Indirect Output: 700 lm/ft  
Total Lumens: 2691 lm (for 4ft)  
Input Watts: 31 W  
Efficacy: 87 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.  
IES FILE: STI-700-80-35-4.IES  
TESTED ACCORDING TO IES LM-79-2008

#### CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |     |      |     |       |     |       |     |
|----------------|-------------------|------|-----|------|-----|-------|-----|-------|-----|
|                | 0                 | 22.5 | 45  | 67.5 | 90  | 112.5 | 135 | 157.5 | 180 |
| 90             | 0                 | 0    | 0   | 0    | 0   | 0     | 0   | 0     | 0   |
| 95             | 25                | 26   | 32  | 42   | 54  | 65    | 53  | 41    | 34  |
| 105            | 226               | 211  | 194 | 215  | 267 | 265   | 255 | 278   | 285 |
| 115            | 418               | 391  | 360 | 394  | 481 | 472   | 470 | 520   | 534 |
| 125            | 551               | 520  | 481 | 518  | 628 | 639   | 648 | 695   | 699 |
| 135            | 615               | 585  | 548 | 572  | 672 | 732   | 762 | 795   | 794 |
| 145            | 618               | 595  | 562 | 554  | 619 | 719   | 789 | 823   | 820 |
| 155            | 568               | 548  | 516 | 498  | 534 | 627   | 704 | 748   | 757 |
| 165            | 482               | 469  | 454 | 451  | 475 | 529   | 578 | 620   | 626 |
| 175            | 434               | 433  | 434 | 438  | 449 | 465   | 476 | 483   | 483 |
| 180            | 446               | 446  | 446 | 446  | 446 | 446   | 446 | 446   | 446 |

#### ZONAL LUMENS

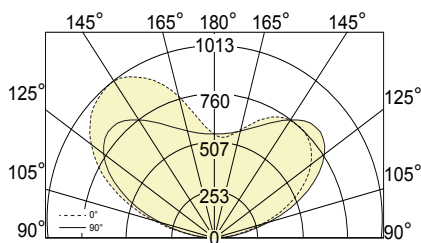
| Zone    | Lumens |
|---------|--------|
| 90      |        |
| 90-100  | 57     |
| 100-110 | 256    |
| 110-120 | 438    |
| 120-130 | 529    |
| 130-140 | 517    |
| 140-150 | 421    |
| 150-160 | 281    |
| 160-170 | 148    |
| 170-180 | 44     |
| 180     |        |

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

### ● PHOTOMETRIC DATA - INDIRECT

800 lm/ft

#### PHOTOMETRIC CURVE



Indirect Output: 800 lm/ft  
Total Lumens: 3308 lm (for 4ft)  
Input Watts: 38.6 W  
Efficacy: 86 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.  
IES FILE: STI-800-80-35-4.IES  
TESTED ACCORDING TO IES LM-79-2008

#### CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |     |      |     |       |     |       |      |
|----------------|-------------------|------|-----|------|-----|-------|-----|-------|------|
|                | 0                 | 22.5 | 45  | 67.5 | 90  | 112.5 | 135 | 157.5 | 180  |
| 90             | 0                 | 0    | 0   | 0    | 0   | 0     | 0   | 0     | 0    |
| 95             | 61                | 59   | 61  | 61   | 67  | 68    | 42  | 24    | 18   |
| 105            | 319               | 295  | 263 | 279  | 329 | 308   | 283 | 294   | 299  |
| 115            | 547               | 510  | 462 | 498  | 592 | 564   | 551 | 602   | 617  |
| 125            | 697               | 657  | 605 | 649  | 774 | 774   | 777 | 831   | 834  |
| 135            | 764               | 725  | 679 | 712  | 832 | 898   | 928 | 966   | 962  |
| 145            | 755               | 726  | 686 | 683  | 771 | 897   | 977 | 1012  | 1006 |
| 155            | 683               | 659  | 622 | 610  | 670 | 794   | 889 | 939   | 947  |
| 165            | 575               | 562  | 549 | 555  | 597 | 672   | 738 | 792   | 798  |
| 175            | 532               | 533  | 537 | 546  | 564 | 587   | 604 | 612   | 612  |
| 180            | 560               | 560  | 560 | 560  | 560 | 560   | 560 | 560   | 560  |

#### ZONAL LUMENS

| Zone    | Lumens |
|---------|--------|
| 90      |        |
| 90-100  | 69     |
| 100-110 | 311    |
| 110-120 | 536    |
| 120-130 | 649    |
| 130-140 | 636    |
| 140-150 | 519    |
| 150-160 | 348    |
| 160-170 | 184    |
| 170-180 | 55     |
| 180     |        |

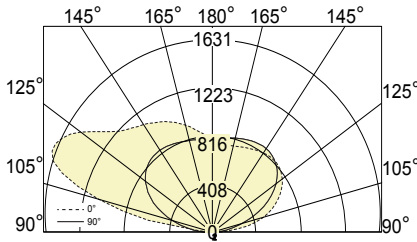
**i** All IES files are available for download at: [www.axislighting.com](http://www.axislighting.com)



### ● PHOTOMETRIC DATA - INDIRECT - ASYMMETRIC

1000 lm/ft

#### PHOTOMETRIC CURVE



**Lumen/ft up: 1000 lm/ft**  
**Total Lumens: 4300 lm (for 4ft)**  
**Input Watts: 47.7 W**  
**Efficacy: 90 lm/W**

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.  
 IES FILE: STIA-1000-80-35-AS-4.IES  
 TESTED ACCORDING TO IES LM-79-2008

#### CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |     |      |     |       |      |       |      |
|----------------|-------------------|------|-----|------|-----|-------|------|-------|------|
|                | 0                 | 22.5 | 45  | 67.5 | 90  | 112.5 | 135  | 157.5 | 180  |
| 90             | 0                 | 0    | 0   | 0    | 0   | 0     | 0    | 0     | 0    |
| 95             | 125               | 18   | 24  | 41   | 30  | 63    | 33   | 23    | 20   |
| 105            | 479               | 351  | 331 | 299  | 263 | 356   | 605  | 1034  | 1088 |
| 115            | 673               | 597  | 563 | 534  | 523 | 604   | 801  | 1385  | 1631 |
| 125            | 789               | 752  | 719 | 707  | 717 | 792   | 925  | 1265  | 1484 |
| 135            | 837               | 833  | 801 | 801  | 828 | 896   | 996  | 1140  | 1217 |
| 145            | 823               | 844  | 826 | 832  | 868 | 935   | 1010 | 1087  | 1114 |
| 155            | 789               | 822  | 814 | 824  | 857 | 917   | 978  | 1025  | 1039 |
| 165            | 760               | 791  | 792 | 802  | 827 | 863   | 902  | 931   | 940  |
| 175            | 768               | 781  | 784 | 790  | 800 | 812   | 822  | 831   | 834  |
| 180            | 794               | 794  | 794 | 794  | 794 | 794   | 794  | 794   | 794  |

#### ZONAL LUMENS

| Zone    | Lumens |
|---------|--------|
| 90      |        |
| 90-100  | 159    |
| 100-110 | 575    |
| 110-120 | 777    |
| 120-130 | 788    |
| 130-140 | 706    |
| 140-150 | 573    |
| 150-160 | 408    |
| 160-170 | 237    |
| 170-180 | 77     |
| 180     |        |

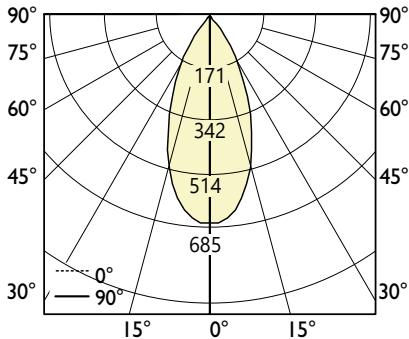
**i** All IES files are available for download at: [www.axislighting.com](http://www.axislighting.com)

### ● PHOTOMETRIC DATA - MikroLite 1.0

MikroLite - 35° beam



#### PHOTOMETRIC CURVE



**Total Lumens: 452 lm (for 1 module)**  
**Input Watts: 6.59 W**  
**Efficacy: 69 lm/W**

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.  
 IES FILE: MKL-D35-A18323G.IES  
 TESTED ACCORDING TO IES LM-79-2008

#### CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |     |      |     |
|----------------|-------------------|------|-----|------|-----|
|                | 0                 | 22.5 | 45  | 67.5 | 90  |
| 0              | 685               | 685  | 685 | 685  | 685 |
| 5              | 664               | 665  | 666 | 667  | 666 |
| 15             | 514               | 517  | 522 | 521  | 520 |
| 25             | 292               | 297  | 305 | 301  | 296 |
| 35             | 119               | 132  | 142 | 132  | 117 |
| 45             | 15                | 27   | 50  | 27   | 14  |
| 55             | 2                 | 3    | 4   | 3    | 3   |
| 65             | 0                 | 0    | 0   | 0    | 0   |
| 75             | 0                 | 0    | 0   | 0    | 0   |
| 85             | 0                 | 0    | 0   | 0    | 0   |
| 90             | 0                 | 0    | 0   | 0    | 0   |

#### ZONAL LUMENS

| Zone  | Lumens |
|-------|--------|
| 0     |        |
| 0-10  | 62     |
| 10-20 | 143    |
| 20-30 | 137    |
| 30-40 | 82     |
| 40-50 | 25     |
| 50-60 | 4      |
| 60-70 | 0      |
| 70-80 | 0      |
| 80-90 | 0      |
| 90    |        |

#### LUMINANCE DATA (cd/m²)

| Vertical Angle | Horizontal Angles |       |      |
|----------------|-------------------|-------|------|
|                | 0                 | 45    | 90   |
| 45             | 10042             | 34267 | 9679 |
| 55             | 2064              | 3662  | 2476 |
| 65             | 0                 | 0     | 0    |
| 75             | 0                 | 0     | 0    |
| 85             | 0                 | 0     | 0    |

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

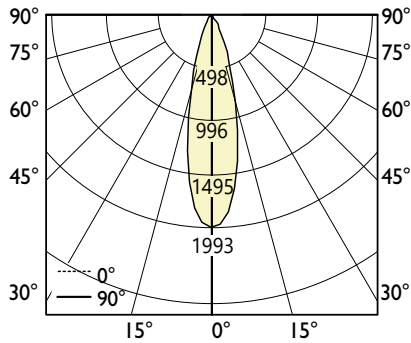


### ● PHOTOMETRIC DATA - MikroLite 1.0

MikroLite - 20° beam



#### PHOTOMETRIC CURVE



**Total Lumens: 569 lm (for 1 module)**

**Input Watts: 6.6 W**

**Efficacy: 86 lm/W**

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.

IES FILE: MKL-D20-A18324G.IES

TESTED ACCORDING TO IES LM-79-2008

#### CANDELA DISTRIBUTION

|                | Horizontal Angles |      |      |      |      |
|----------------|-------------------|------|------|------|------|
| Vertical Angle | 0                 | 22.5 | 45   | 67.5 | 90   |
| 0              | 1993              | 1993 | 1993 | 1993 | 1993 |
| 5              | 1859              | 1830 | 1831 | 1837 | 1835 |
| 15             | 858               | 863  | 861  | 828  | 843  |
| 25             | 286               | 288  | 294  | 273  | 266  |
| 35             | 76                | 88   | 102  | 89   | 71   |
| 45             | 9                 | 15   | 32   | 15   | 9    |
| 55             | 1                 | 1    | 3    | 1    | 1    |
| 65             | 0                 | 0    | 0    | 0    | 0    |
| 75             | 0                 | 0    | 0    | 0    | 0    |
| 85             | 0                 | 0    | 0    | 0    | 0    |
| 90             | 0                 | 0    | 0    | 0    | 0    |

#### ZONAL LUMENS

| Zone  | Lumens |
|-------|--------|
| 0     |        |
| 0-10  | 159    |
| 10-20 | 225    |
| 20-30 | 122    |
| 30-40 | 49     |
| 40-50 | 13     |
| 50-60 | 2      |
| 60-70 | 0      |
| 70-80 | 0      |
| 80-90 | 0      |
| 90    |        |

#### LUMINANCE DATA (cd/m<sup>2</sup>)

|                | Horizontal Angles |     |     |
|----------------|-------------------|-----|-----|
| Vertical Angle | 0                 | 45  | 90  |
| 45             | 192               | 452 | 113 |
| 55             | 22                | 37  | 14  |
| 65             | 0                 | 1   | 1   |
| 75             | 0                 | 0   | 0   |
| 85             | 0                 | 0   | 0   |

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