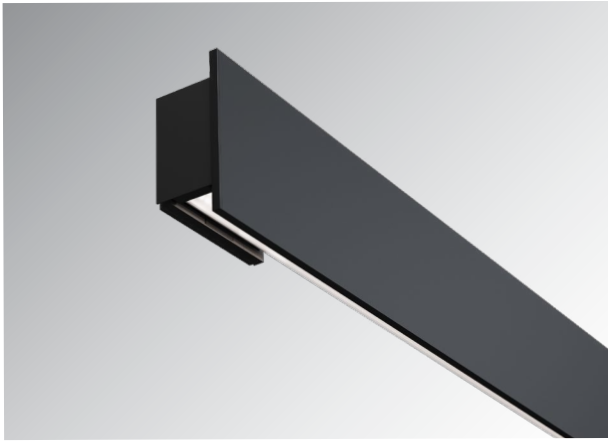




Flat Centered valence shown



Curved valence shown

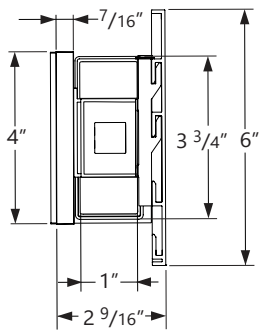
Project \_\_\_\_\_

Type \_\_\_\_\_

Notes \_\_\_\_\_



### SECTION VIEW



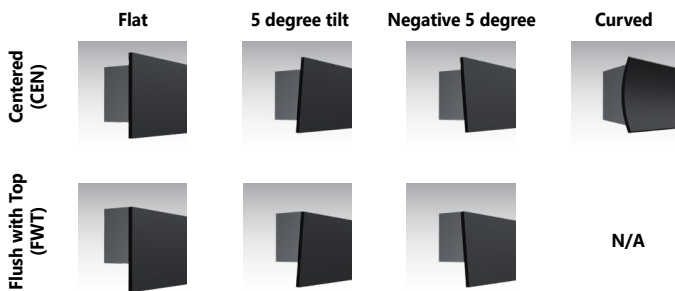
### PERFORMANCE PER LINEAR FOOT AT 3500K

|           | NOMINAL LUMEN<br>OUTPUT INDIRECT | NOMINAL LUMEN<br>OUTPUT DIRECT | INPUT WATTS* | EFFICACY |
|-----------|----------------------------------|--------------------------------|--------------|----------|
| CL        | 1200 lm/ft                       |                                | 9.17 W/ft    | 131 lm/W |
| SO        |                                  |                                | 13.12 W/ft   | 92 lm/W  |
| ASO       |                                  |                                | 10.48 W/ft   | 114 lm/W |
| GZ        |                                  |                                | 10.66 W/ft   | 113 lm/W |
| CL        |                                  | 1200 lm/ft                     | 9.17 W/ft    | 131 lm/W |
| SO        |                                  |                                | 13.12 W/ft   | 92 lm/W  |
| ASO       |                                  |                                | 10.48 W/ft   | 114 lm/W |
| GZ        |                                  |                                | 10.66 W/ft   | 113 lm/W |
| MikroLite |                                  |                                | 10.43 W/ft   | 115 lm/W |

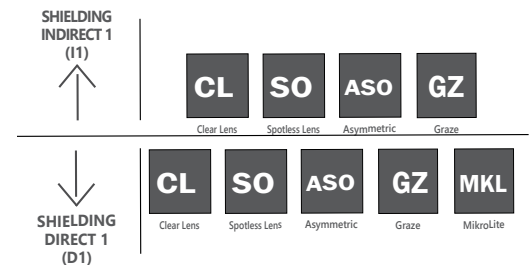
\* Based on a 4 foot luminaire .

Please consult factory for custom lumen output and wattage.

### VALANCE SHAPE

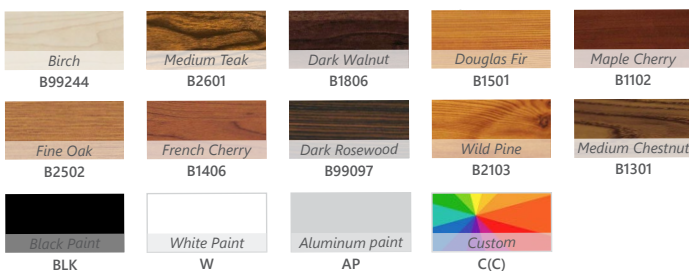
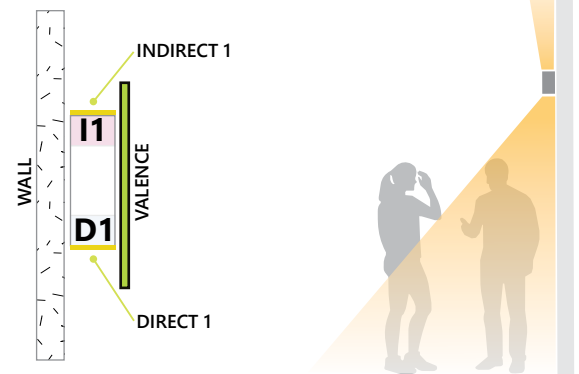


### OPTICS



I1: Graze

### VALANCE FINISH



D1: Asymmetric

Project \_\_\_\_\_

Type \_\_\_\_\_

Notes \_\_\_\_\_

## Ordering Guide

| PRODUCT ID                                                                                             | LENGTH                               | SHIELDING INDIRECT 1 (length, lumen)<br>Skip for PVSDCO. |               |      |                | SHIELDING DIRECT 1 (length, lumen)<br>Skip for PVSDCO.                                  |               |      |                  |
|--------------------------------------------------------------------------------------------------------|--------------------------------------|----------------------------------------------------------|---------------|------|----------------|-----------------------------------------------------------------------------------------|---------------|------|------------------|
| PVSCO Polyvalence shallow Combined optics                                                              | 1' min<br>8' max<br>S(L) system run* | CL(length, lumen)                                        | clear lens    | 300  | 300 lm/ft min  | CL(length, lumen)                                                                       | clear lens    | 300  | 300 lm/ft min    |
|                                                                                                        |                                      | +SO(length, lumen)                                       | spotless lens | 1200 | 1200 lm/ft max | +SO(length, lumen)                                                                      | spotless lens | 1200 | 1200 lm/ft max   |
|                                                                                                        |                                      | +GZ(length, lumen)                                       | graze         |      |                | +GZ(length, lumen)                                                                      | graze         |      |                  |
|                                                                                                        |                                      | +ASO(length, lumen)                                      | asymmetric    |      |                | +ASO(length, lumen)                                                                     | asymmetric    |      |                  |
|                                                                                                        |                                      | +BL(length)                                              | blank         |      |                | +MKL(Config.,Length, Baffle Type, Cell Optics, Beam Angle, Lumen Output, Baffle Finish) | Mikrolite*    | NA   | see code builder |
|                                                                                                        |                                      |                                                          |               |      |                | +BL(length)                                                                             | blank         |      |                  |
| Available in 1" increments. 2' min length required for integral driver. *Optional gap filler provided. |                                      | Single shielding only.                                   |               |      |                | Single shielding only. *See Ordering Code builder table below for ordering options.     |               |      |                  |

| CRI                     | COLOR TEMP.                                                                                                                               | FIXTURE FINISH                                        | VOLTAGE                                            | DRIVER                                                                                        | CIRCUITS                                                                                        | MOUNTING                                                                  |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| 90 high efficacy 90 CRI | 27 2700 K<br>30 3000 K<br>35 3500 K<br>40 4000 K<br>50 5000 K<br>TW2750 2700-5000 K - Tunable White<br>TW2765 2700-6500 K - Tunable White | W white<br>AP aluminum paint<br>BLK black<br>C custom | 120 120 V<br>277 277 V<br>UNV universal (120-277V) | DP driver 0-10V dimming (1%)<br>DALI2 driver DALI 2.0 - wired<br>TW(#) tunable white drivers* | 1 1 circuit<br>2 2 circuits*<br>+E(#) emergency circuit** **<br>+NL(#) night light circuit** ** | W wall<br>HMD horizontal mullion down                                     |
|                         |                                                                                                                                           | See page 3 for available wood finishes.               |                                                    | *See page 3 to specify driver.                                                                |                                                                                                 | * 3ft minimum length required for integral driver.<br>** Specify quantity |

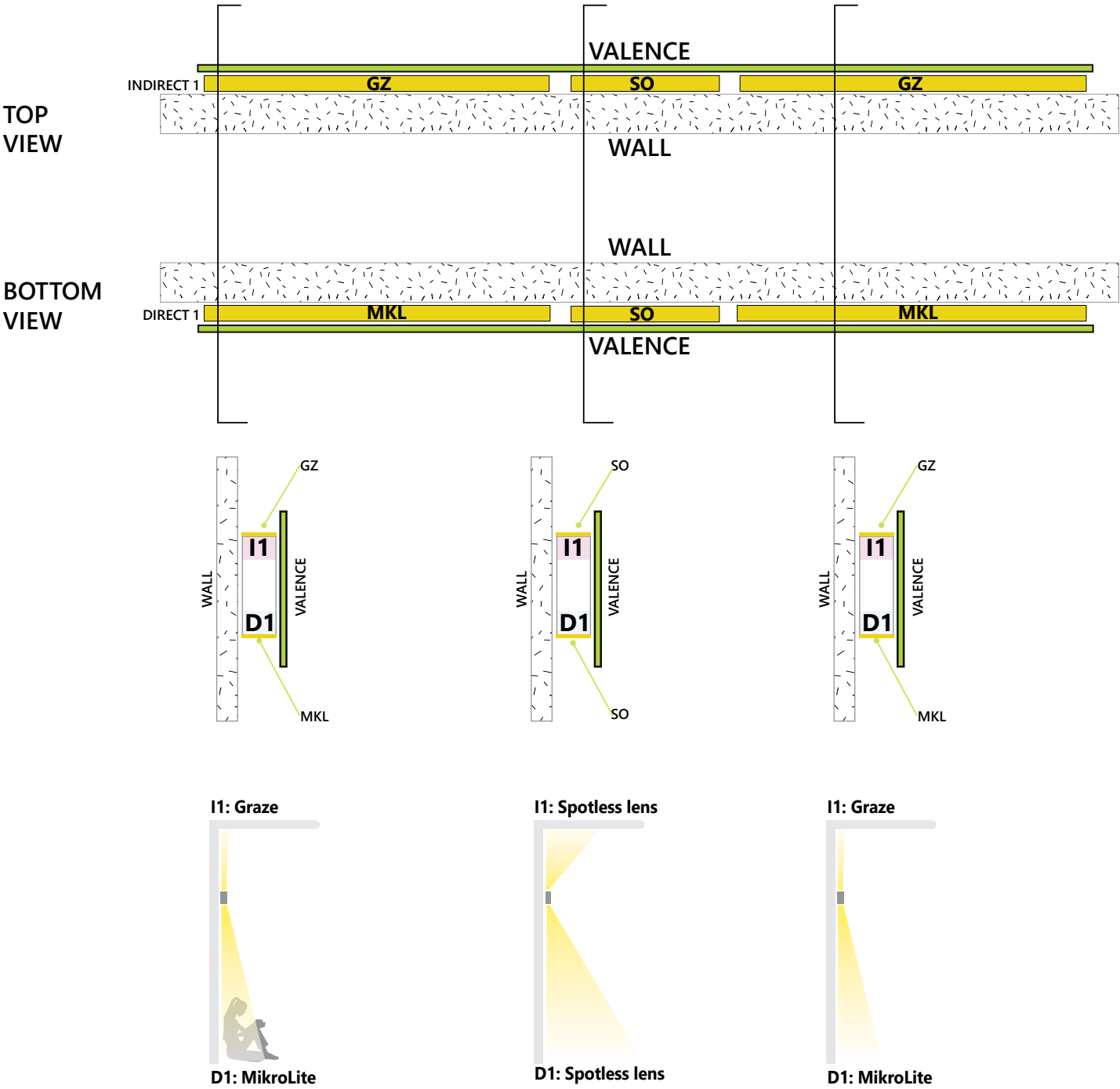
| BATTERY (OPT.) |                       | VALANCE FINISH |                |        |                 |                                                                                     | VALANCE SHAPE | VALANCE POSITION       | VALANCE END OVERHANG                          |                 | CUSTOM (OPT.)                            |                                                         |   |        |
|----------------|-----------------------|----------------|----------------|--------|-----------------|-------------------------------------------------------------------------------------|---------------|------------------------|-----------------------------------------------|-----------------|------------------------------------------|---------------------------------------------------------|---|--------|
| BR(#)          | battery pack (remote) | W              | white          | B2103  | Wild Pine       |  | FLT           | flat                   | CEN                                           | centered        | FL                                       | flush                                                   | C | custom |
|                |                       | AP             | aluminum paint | B2601  | Medium Teak     |  | 5DEG          | 5 degree flat          | FWT                                           | flush with top* | 1                                        | 1 inch                                                  |   |        |
|                |                       | BLK            | black          | B1406  | French Cherry   |  | N5DEG         | negative 5 degree flat |                                               |                 | 6                                        | 6 inches                                                |   |        |
|                |                       | C              | custom         | B1102  | Maple Cherry    |  |               |                        |                                               |                 | 12                                       | 12 inches                                               |   |        |
|                |                       | B99244         | Birch          | B1301  | Medium Chestnut |  | CURV          | curved                 |                                               |                 | 24                                       | 24 inches                                               |   |        |
|                |                       | B2502          | Fine Oak       | B1806  | Dark Walnut     |  |               |                        |                                               |                 | C(L, R)                                  | custom (length left, length right)                      |   |        |
|                |                       | B1501          | Douglas Fur    | B99097 | Dark Rosewood   |  |               |                        |                                               |                 |                                          | up to 2ft on both sides, please specify. Ex.: C(1', 6") |   |        |
|                |                       |                |                |        |                 |                                                                                     |               |                        | *Not available with CURV curved valance shape |                 | Will be added to overall fixture length. |                                                         |   |        |

## \*Ordering Code Builder - MikroLite

| MikroLite - MKL(Config, Total Length, Baffle Type, Cell Optics, Beam Angle, Lumen Output, Baffle Finish)                 |                 |                                     |                            |             |                                                  |                      |                 |               |
|--------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------------|----------------------------|-------------|--------------------------------------------------|----------------------|-----------------|---------------|
| CONFIGURATION                                                                                                            |                 | TOTAL LENGTH                        | BAFFLE TYPE                | CELL OPTICS |                                                  | BEAM ANGLE           | LUMEN OUTPUT    | BAFFLE FINISH |
| A staggered look                                                                                                         | L specify legth | LF lofted baffle<br>CN conic baffle | SF soft beam               | D24 24 deg  | 200 200 lm/module min<br>1200 1200 lm/module max | MB matte black       |                 |               |
| B centered look                                                                                                          |                 |                                     | SR sharp beam              | D50 50 deg  |                                                  |                      | MW matte white  |               |
| C custom look (requires a drawing)                                                                                       |                 |                                     | SFHC soft beam & honeycomb |             |                                                  |                      | MS matte silver |               |
| Mikrolite length available in 9.4" increments, blanks will be incorporated to accomodate Mikrolite module length limits. |                 |                                     |                            |             |                                                  | MRG matte rose gold  |                 |               |
|                                                                                                                          |                 |                                     |                            |             |                                                  | CG chrome gold       |                 |               |
|                                                                                                                          |                 |                                     |                            |             |                                                  | CB chrome black      |                 |               |
|                                                                                                                          |                 |                                     |                            |             |                                                  | CRG chrome rose gold |                 |               |
|                                                                                                                          |                 |                                     |                            |             |                                                  | CS chrome silver     |                 |               |
|                                                                                                                          |                 |                                     |                            |             |                                                  | CL crystal           |                 |               |
| Up to 1000 lm/module.                                                                                                    |                 |                                     |                            |             |                                                  |                      |                 |               |

COMBINED DISTRIBUTION ORDERING EXAMPLE

ORDERING CODE: PVSCO-S(20')-GZ(16',1000)+SO(4',1000)-SO(16',1000)+GZ(4',1000)-MKL(B,16',LF,SF,D24,1000,MB)+SO(4',1000)-120-DP-1-W-BLK-FLT-CEN-1



## CONSTRUCTION

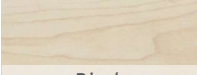
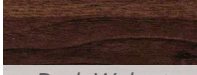
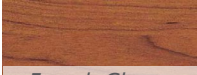
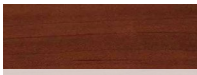
|                           |                                    |
|---------------------------|------------------------------------|
| <b>Housing</b>            | Extruded aluminum (0.080" nominal) |
| <b>End Cap</b>            | Die cast aluminum                  |
| <b>Lenses</b>             | PMMA Impact Modified               |
| <b>Lense Gasket</b>       | TPU                                |
| <b>Valence</b>            | Extruded aluminum                  |
| <b>Gasket</b>             | Injection molded silicone          |
| <b>Side Cover Plate</b>   | Sheet metal 18 gauge CRS           |
| <b>Exterior fasteners</b> | Tamper proof TORX T20              |

## FINISH

Powder coated and custom finishes are also available.

## WOOD FINISHES

Add style to the space with classic wood finish luminaires that use advanced sublimation technology to produce a durable and elegant wood grain finish. Please contact your Axis representative for more information including pricing and lead time.

|                                                                                     |                                                                                     |                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|    |    |  |
| <i>Birch</i>                                                                        | <i>Medium Teak</i>                                                                  | <i>Dark Walnut</i>                                                                |
| <b>B99244</b>                                                                       | <b>B2601</b>                                                                        | <b>B1806</b>                                                                      |
|    |    |  |
| <i>Fine Oak</i>                                                                     | <i>French Cherry</i>                                                                | <i>Dark Rosewood</i>                                                              |
| <b>B2502</b>                                                                        | <b>B1406</b>                                                                        | <b>B99097</b>                                                                     |
|  |  |                                                                                   |
| <i>Douglas Fir</i>                                                                  | <i>Maple Cherry</i>                                                                 |                                                                                   |
| <b>B1501</b>                                                                        | <b>B1102</b>                                                                        |                                                                                   |
|  |  |                                                                                   |
| <i>Wild Pine</i>                                                                    | <i>Medium Chestnut</i>                                                              |                                                                                   |
| <b>B2103</b>                                                                        | <b>B1301</b>                                                                        |                                                                                   |

## WEIGHT

**Polyvalence 4ft Single control** - 10.7lbs (4.9 kg)  
**Polyvalence 4ft Double control** - 12.8lbs (5.8 kg)

## APPROVALS

Certified to UL and CUL standards   
 IP66 and IK10 rated.

## WARRANTY

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

## ELECTRICAL

|                                   |                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>DP</b>                         | 0-10V dimming driver. Ambient operating temperature -22°F - 104°F (-30°C - +40°C)                                                                                                                                                                                                                                             |
| <b>DALI2 driver</b>               | DALI 2.0 D4i certified driver. Ambient operating temperature -22°F - 104°F (-30°C - +40°C).                                                                                                                                                                                                                                   |
| <b>Tunable White TW drivers**</b> | DALIDT6 - DALI Type 6 (Two DALI Addresses)<br>DALIDT8 - DALI Type 8 (One DALI Address)<br>DPTW - two channel 0-10V dimming; one channel for brightness, one channel for CCT.<br>LDTW - Lutron DALI Type 8 (One DALI address) Tunable White series<br>* Ambient operating range: -4°F - 104°F (-20°C - +40°C)<br>**Remote only |
| <b>Emergency</b>                  | BR(#) Remote emergency battery pack operating temperature range -4°F - 122°F (-20°C - +50°C) for 120V to 277V; 32°F - 122°F (0°C - +50°C) for 347V.                                                                                                                                                                           |

**Input Voltage** 120V, 277V, 347V, UNV.

**Surge Protection** Extend comes standard with surge protection device.

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

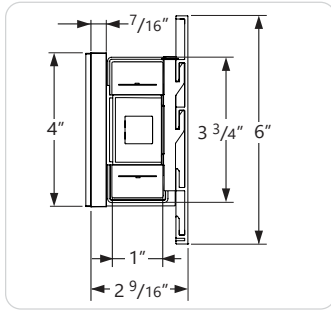
|                                      | 1 FT                | 2 FT                | 3 FT | 4 FT | 5-8 FT |
|--------------------------------------|---------------------|---------------------|------|------|--------|
| Shallow - Single Control (1 driver)  | Remote drivers only | ✓                   | ✓    | ✓    | ✓      |
| Shallow - Double Control (2 drivers) | Remote drivers only | Remote drivers only | ✓    | ✓    | ✓      |

Please consult factory for other sizes. .

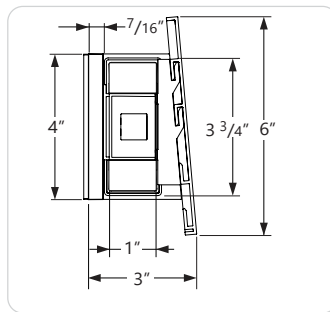
## LED SYSTEM

|                            |                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CRI</b>                 | High efficacy 90 color rendering index.                                                                                                                                                                                                                                                                                                                                                     |
| <b>CCT Single Color</b>    | Choice of 2700K, 3000K, 3500K, 4000K and 5000K color temperature with a great color consistency (within 3-step MacAdam ellipse). Both within fixture and fixture to fixture.                                                                                                                                                                                                                |
| <b>CCT Axitune Systems</b> |                                                                                                                                                                                                                                                                                                                                                                                             |
| <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 wet location rated IP66 for outdoor or indoor use. Impact resistant rated IK10. For extreme temperature environments, please contact factory. Remote drivers available for environments outside of driver operating temperature range or where fixture access may be limited. Ambient operating temperature range for fixtures with remote drivers -40°F to +167°F (-40°C - +75°C). |

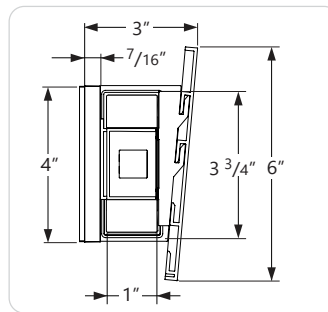
## SECTION VIEWS



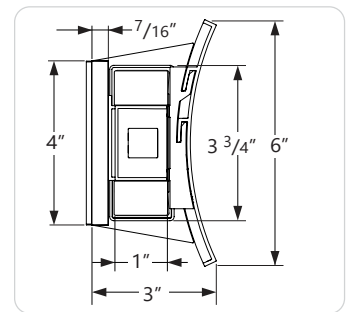
**FLT, CEN** Flat, Centered



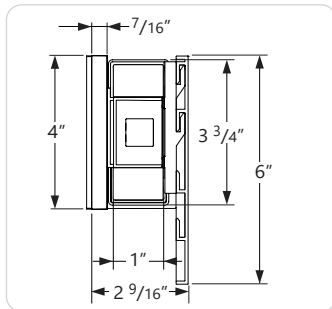
**5DEG, CEN** 5 degree flat, Centered



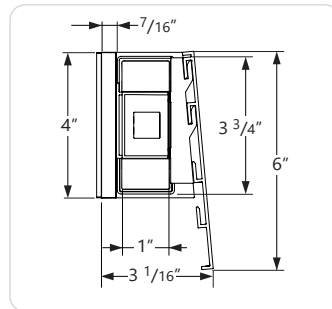
**N5DEG, CEN** Negative 5 degree flat, Centered



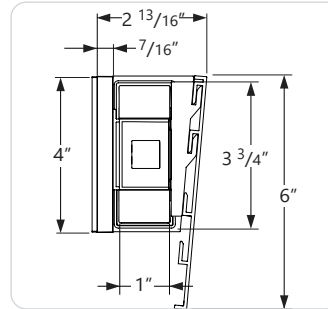
**CURV** Curved



**FLT, FWT** Flat, Flush with top



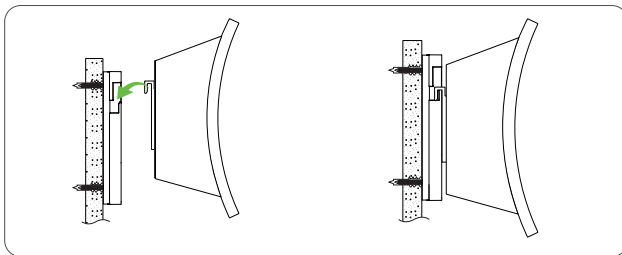
**5DEG, FWT** 5 degree flat, Flush with top



**N5DEG, FWT** Negative 5 degree flat, Flush with top

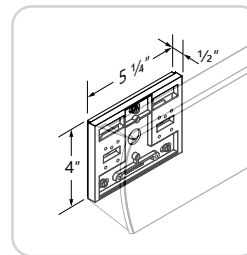
## MOUNTING OPTIONS

### WALL MOUNTING DETAILS

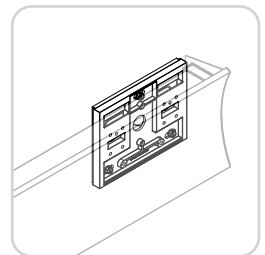


**SIDE VIEW**

### WALL BRACKET DIMENSIONS

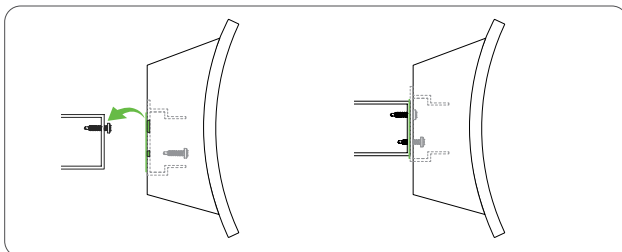


**WB** Wall Bracket Power side shown.



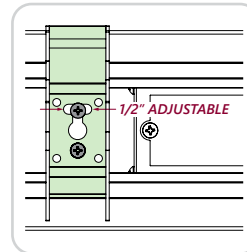
**WB** Wall Bracket Non-Power side shown

### MULLION MOUNT DETAILS



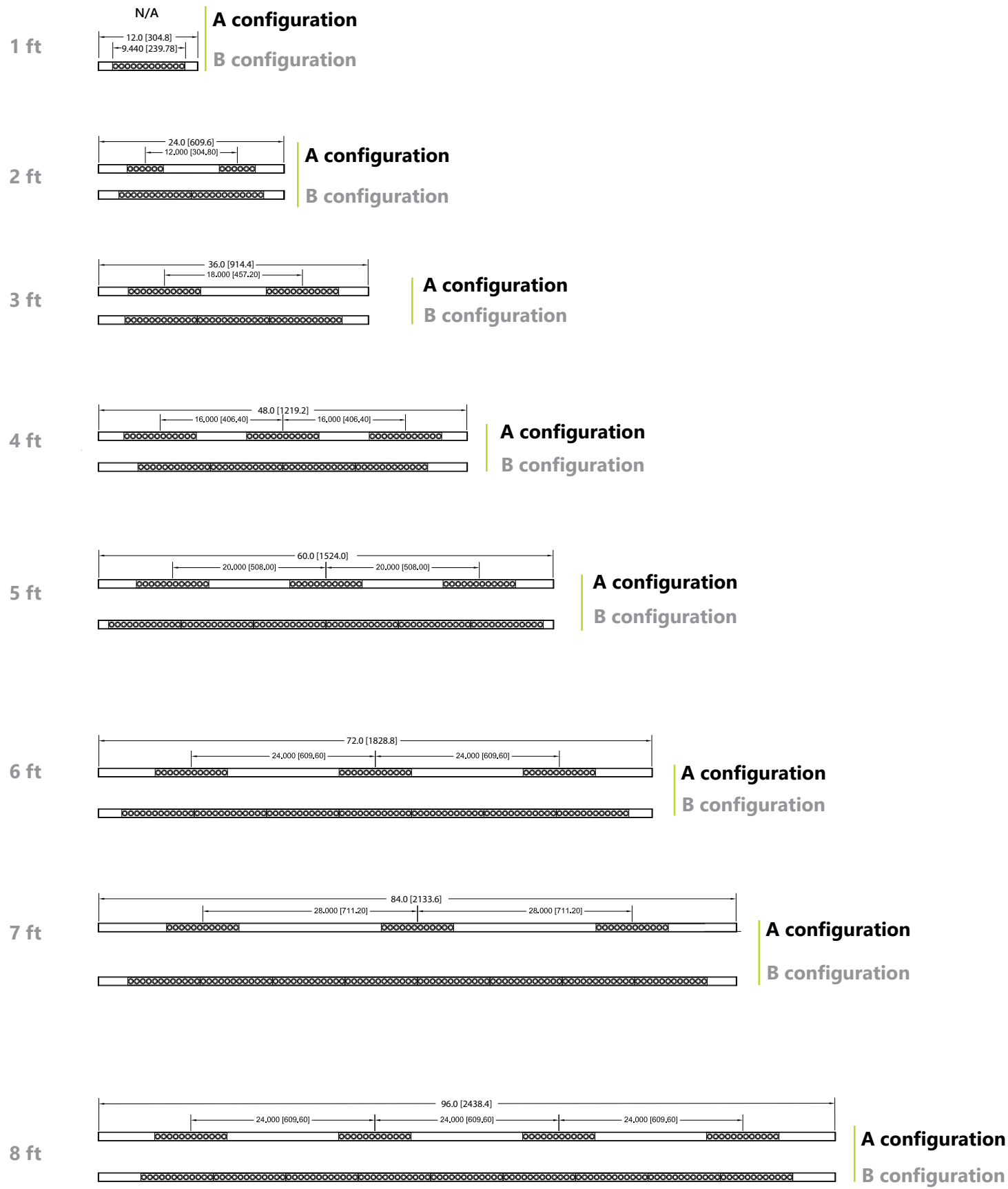
**SIDE VIEW**

### MOUNTING BRACKET DETAILS

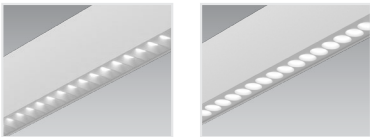


**HMD** Horizontal mullion mounting bracket, 1/2" horizontal adjustability, shown.

● MIKROLITE WITH BLANKS RECOMMENDED CONFIGURATIONS



● MIKROLITE



LF

Lofted baffle

CN

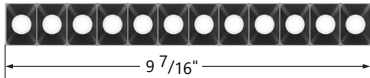
Conical baffle

Available colors:

|             |             |              |                 |             |         |              |               |                  |
|-------------|-------------|--------------|-----------------|-------------|---------|--------------|---------------|------------------|
|             |             |              |                 |             |         |              |               |                  |
| MW          | MB          | MS           | MRG             | CG          | CL      | CB           | CS            | CRG              |
| matte white | matte black | matte silver | matte rose gold | chrome gold | crystal | chrome black | chrome silver | chrome rose gold |

● MIKROLITE LENGTH INCREMENT

12 cell modules [9.4" (239mm)] length increments available.



Minimum length for Mikrolite option is 9.4". Provided recommended staggered and full length configurations on page 6. Consult factory for custom layouts.  
Up to 1000 lm/module  
Full segment length Mikrolite available, blanks will be incorporated at hub connections to accomodate Mikrolite module length limits.

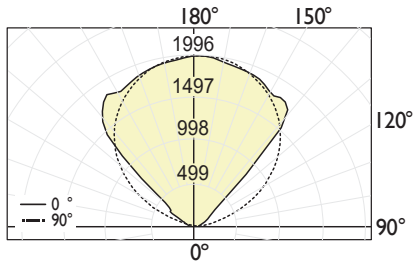
Available beam angles:



## ● PHOTOMETRIC DATA - INDIRECT

### Clear Lens 1200 lm/ft

#### PHOTOMETRIC CURVE



Indirect Output: 1200 lm/ft  
Total Lumens: 4802 lm (for 4ft)  
Input Watts: 36.66 W  
Efficacy: 131 lm/W

IES FILE: PVS-4-CL-1200-BL-NA-90-35-W-VAL-CEN.ies  
TESTED ACCORDING TO IES LM-79-2019

#### CANDELA DISTRIBUTION

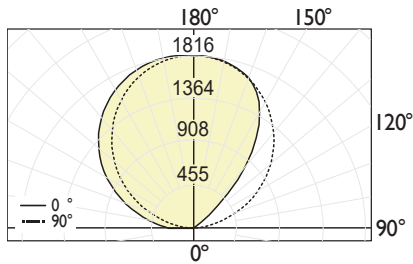
| Vertical Angle | Horizontal Angles |      |      |      |      |
|----------------|-------------------|------|------|------|------|
|                | 0                 | 22.5 | 45   | 67.5 | 90   |
| 90             | 5                 | 6    | 5    | 5    | 4    |
| 95             | 26                | 5    | 4    | 4    | 3    |
| 105            | 229               | 23   | 3    | 2    | 2    |
| 115            | 631               | 523  | 29   | 1    | 1    |
| 125            | 1022              | 1035 | 196  | 118  | 90   |
| 135            | 1350              | 1351 | 1443 | 658  | 274  |
| 145            | 1609              | 1581 | 1632 | 1734 | 1776 |
| 155            | 1794              | 1760 | 1795 | 1831 | 1834 |
| 165            | 1925              | 1906 | 1895 | 1901 | 1907 |
| 175            | 1991              | 1988 | 1983 | 1977 | 1978 |
| 180            | 1996              | 1996 | 1996 | 1996 | 1996 |

#### ZONAL LUMENS

| Zone  | Lumens |
|-------|--------|
| 0     |        |
| 0-10  | 53     |
| 10-20 | 132    |
| 20-30 | 346    |
| 30-40 | 639    |
| 40-50 | 1003   |
| 50-60 | 1059   |
| 60-70 | 840    |
| 70-80 | 543    |
| 80-90 | 189    |
| 90    |        |

### Spotless Lens 1200 lm/ft

#### PHOTOMETRIC CURVE



Indirect Output: 1200 lm/ft  
Total Lumens: 4801 lm (for 4ft)  
Input Watts: 52.47 W  
Efficacy: 92 lm/W

IES FILE: PVS-4-SO-1200-BL-NA-90-35-W-VAL-CEN.ies  
TESTED ACCORDING TO IES LM-79-2019

#### CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |      |      |      |
|----------------|-------------------|------|------|------|------|
|                | 0                 | 22.5 | 45   | 67.5 | 90   |
| 90             | 4                 | 5    | 5    | 5    | 7    |
| 95             | 70                | 5    | 4    | 5    | 6    |
| 105            | 319               | 25   | 4    | 3    | 5    |
| 115            | 631               | 429  | 7    | 2    | 3    |
| 125            | 929               | 866  | 384  | 87   | 30   |
| 135            | 1195              | 1190 | 950  | 635  | 514  |
| 145            | 1420              | 1427 | 1365 | 1222 | 1153 |
| 155            | 1604              | 1607 | 1606 | 1585 | 1571 |
| 165            | 1734              | 1735 | 1736 | 1740 | 1743 |
| 175            | 1802              | 1800 | 1800 | 1801 | 1804 |
| 180            | 1811              | 1811 | 1811 | 1811 | 1811 |

#### ZONAL LUMENS

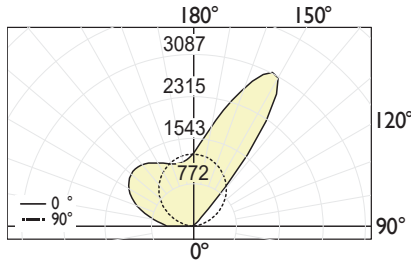
| Zone  | Lumens |
|-------|--------|
| 0     |        |
| 0-10  | 145    |
| 10-20 | 300    |
| 20-30 | 496    |
| 30-40 | 693    |
| 40-50 | 860    |
| 50-60 | 888    |
| 60-70 | 752    |
| 70-80 | 495    |
| 80-90 | 172    |
| 90    |        |

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

## ● PHOTOMETRIC DATA - INDIRECT

### Asymmetric Lens 1200 lm/ft

#### PHOTOMETRIC CURVE



**Indirect Output: 1200 lm/ft**  
**Total Lumens: 4795 lm (for 4ft)**  
**Input Watts: 41.9 W**  
**Efficacy: 114 lm/W**

IES FILE: PVS-4-ASO-1200-BL-NA-90-35-W-VAL-CEN.ies  
 TESTED ACCORDING TO IES LM-79-2019

#### CANDELA DISTRIBUTION

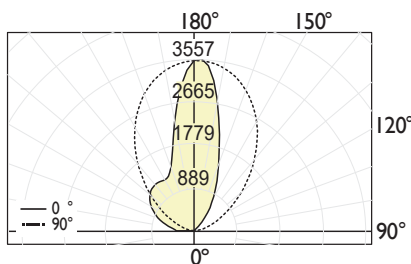
| Vertical Angle | Horizontal Angles |      |      |      |      |
|----------------|-------------------|------|------|------|------|
|                | 0                 | 22.5 | 45   | 67.5 | 90   |
| 90             | 4                 | 5    | 6    | 7    | 9    |
| 95             | 48                | 4    | 5    | 6    | 8    |
| 105            | 217               | 17   | 4    | 5    | 6    |
| 115            | 435               | 398  | 5    | 4    | 5    |
| 125            | 653               | 1112 | 201  | 26   | 6    |
| 135            | 850               | 1433 | 1757 | 411  | 226  |
| 145            | 1012              | 1521 | 2533 | 2619 | 2284 |
| 155            | 1139              | 1511 | 2192 | 2783 | 2983 |
| 165            | 1230              | 1440 | 1751 | 2034 | 2137 |
| 175            | 1277              | 1336 | 1402 | 1450 | 1467 |
| 180            | 1282              | 1282 | 1282 | 1282 | 1282 |

#### ZONAL LUMENS

| Zone  | Lumens |
|-------|--------|
| 0     |        |
| 0-10  | 201    |
| 10-20 | 331    |
| 20-30 | 490    |
| 30-40 | 650    |
| 40-50 | 842    |
| 50-60 | 987    |
| 60-70 | 756    |
| 70-80 | 411    |
| 80-90 | 126    |
| 90    |        |

### Graze 1200 lm/ft

#### PHOTOMETRIC CURVE



**Indirect Output: 1200 lm/ft**  
**Total Lumens: 4809 lm (for 4ft)**  
**Input Watts: 42.64 W**  
**Efficacy: 113 lm/W**

IES FILE: PVS-4-BL-NA-GZ-1200-90-35-W-VAL-CEN.ies  
 TESTED ACCORDING TO IES LM-79-2019

#### CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |      |      |      |
|----------------|-------------------|------|------|------|------|
|                | 0                 | 22.5 | 45   | 67.5 | 90   |
| 90             | 8                 | 4    | 5    | 5    | 7    |
| 95             | 61                | 5    | 4    | 5    | 6    |
| 105            | 262               | 30   | 4    | 4    | 5    |
| 115            | 582               | 353  | 7    | 3    | 4    |
| 125            | 1039              | 771  | 180  | 36   | 9    |
| 135            | 1631              | 1247 | 544  | 236  | 176  |
| 145            | 2285              | 1778 | 1024 | 670  | 583  |
| 155            | 2873              | 2447 | 1622 | 1250 | 1134 |
| 165            | 3299              | 3158 | 2584 | 2176 | 2053 |
| 175            | 3502              | 3537 | 3483 | 3416 | 3425 |
| 180            | 3510              | 3510 | 3510 | 3510 | 3510 |

#### ZONAL LUMENS

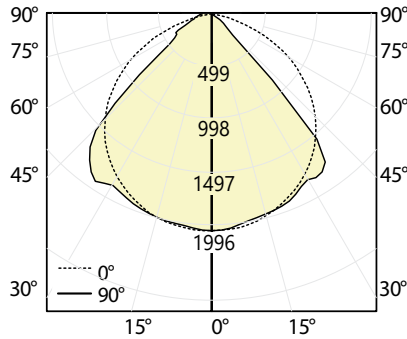
| Zone  | Lumens |
|-------|--------|
| 0     |        |
| 0-10  | 157    |
| 10-20 | 274    |
| 20-30 | 428    |
| 30-40 | 590    |
| 40-50 | 734    |
| 50-60 | 817    |
| 60-70 | 813    |
| 70-80 | 691    |
| 80-90 | 305    |
| 90    |        |

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## ● PHOTOMETRIC DATA - DIRECT

### Clear Lens 1200 lm/ft

#### PHOTOMETRIC CURVE



**Direct Output: 1200 lm/ft**  
**Total Lumens: 4802 lm (for 4ft)**  
**Input Watts: 36.66 W**  
**Efficacy: 131 lm/W**

IES FILE: PVS-4-BL-NA-CL-1200-90-35-W-VAL-CEN.ies  
 TESTED ACCORDING TO IES LM-79-2019

#### CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |      |      |      |
|----------------|-------------------|------|------|------|------|
|                | 0                 | 22.5 | 45   | 67.5 | 90   |
| 0              | 1996              | 1996 | 1996 | 1996 | 1996 |
| 5              | 1991              | 1988 | 1983 | 1977 | 1978 |
| 15             | 1925              | 1906 | 1895 | 1901 | 1907 |
| 25             | 1794              | 1760 | 1795 | 1831 | 1834 |
| 35             | 1609              | 1581 | 1632 | 1734 | 1776 |
| 45             | 1350              | 1351 | 1443 | 658  | 274  |
| 55             | 1022              | 1035 | 196  | 118  | 90   |
| 65             | 631               | 523  | 29   | 1    | 1    |
| 75             | 229               | 23   | 3    | 2    | 2    |
| 85             | 26                | 5    | 4    | 4    | 3    |
| 90             | 5                 | 6    | 5    | 5    | 4    |

#### ZONAL LUMENS

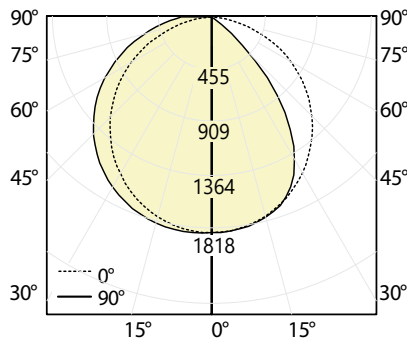
| Zone  | Lumens |
|-------|--------|
| 0     |        |
| 0-10  | 189    |
| 10-20 | 543    |
| 20-30 | 840    |
| 30-40 | 1059   |
| 40-50 | 1003   |
| 50-60 | 639    |
| 60-70 | 346    |
| 70-80 | 132    |
| 80-90 | 53     |
| 90    |        |

#### LUMINANCE DATA (cd/m²)

| Vertical Angle | Horizontal Angles |       |       |
|----------------|-------------------|-------|-------|
|                | 0                 | 45    | 90    |
| 45             | 53458             | 57142 | 10864 |
| 55             | 49894             | 9587  | 4414  |
| 65             | 41801             | 1898  | 94    |
| 75             | 24815             | 276   | 210   |
| 85             | 8493              | 1330  | 1045  |

### Spotless Lens 1200 lm/ft

#### PHOTOMETRIC CURVE



**Direct Output: 1200 lm/ft**  
**Total Lumens: 4801 lm (for 4ft)**  
**Input Watts: 52.47 W**  
**Efficacy: 92 lm/W**

IES FILE: PVS-4-BL-NA-SO-1200-90-35-W-VAL-CEN.ies  
 TESTED ACCORDING TO IES LM-79-2019

#### CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |      |      |      |
|----------------|-------------------|------|------|------|------|
|                | 0                 | 22.5 | 45   | 67.5 | 90   |
| 0              | 1811              | 1811 | 1811 | 1811 | 1811 |
| 5              | 1802              | 1800 | 1800 | 1801 | 1804 |
| 15             | 1734              | 1735 | 1736 | 1740 | 1743 |
| 25             | 1604              | 1607 | 1606 | 1585 | 1571 |
| 35             | 1420              | 1427 | 1365 | 1222 | 1153 |
| 45             | 1195              | 1190 | 950  | 635  | 514  |
| 55             | 929               | 866  | 384  | 87   | 30   |
| 65             | 631               | 429  | 7    | 2    | 3    |
| 75             | 319               | 25   | 4    | 3    | 5    |
| 85             | 70                | 5    | 4    | 5    | 6    |
| 90             | 4                 | 5    | 5    | 5    | 7    |

#### ZONAL LUMENS

| Zone  | Lumens |
|-------|--------|
| 0     |        |
| 0-10  | 172    |
| 10-20 | 495    |
| 20-30 | 752    |
| 30-40 | 888    |
| 40-50 | 860    |
| 50-60 | 693    |
| 60-70 | 496    |
| 70-80 | 300    |
| 80-90 | 145    |
| 90    |        |

#### LUMINANCE DATA (cd/m²)

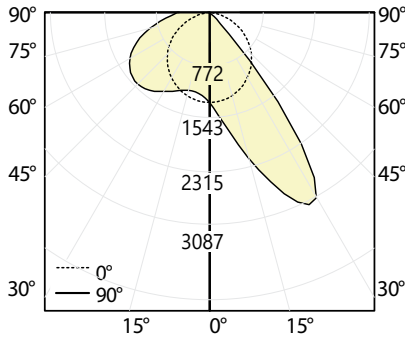
| Vertical Angle | Horizontal Angles |       |       |
|----------------|-------------------|-------|-------|
|                | 0                 | 45    | 90    |
| 45             | 41737             | 33179 | 17971 |
| 55             | 40024             | 16534 | 1297  |
| 65             | 36878             | 399   | 193   |
| 75             | 30465             | 350   | 439   |
| 85             | 19748             | 1214  | 1766  |

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

## ● PHOTOMETRIC DATA - DIRECT

### Asymmetric Lens 1200 lm/ft

#### PHOTOMETRIC CURVE



**Direct Output: 1200 lm/ft**  
**Total Lumens: 4795 lm (for 4ft)**  
**Input Watts: 41.9 W**  
**Efficacy: 114 lm/W**

IES FILE: PVS-4-BL-NA-ASO-1200-90-35-W-VAL-CEN.ies  
 TESTED ACCORDING TO IES LM-79-2019

#### CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |      |      |      |
|----------------|-------------------|------|------|------|------|
|                | 0                 | 22.5 | 45   | 67.5 | 90   |
| 0              | 1282              | 1282 | 1282 | 1282 | 1282 |
| 5              | 1277              | 1336 | 1402 | 1450 | 1467 |
| 15             | 1230              | 1440 | 1751 | 2034 | 2137 |
| 25             | 1139              | 1511 | 2192 | 2783 | 2983 |
| 35             | 1012              | 1521 | 2533 | 2619 | 2284 |
| 45             | 850               | 1433 | 1757 | 411  | 226  |
| 55             | 653               | 1112 | 201  | 26   | 6    |
| 65             | 435               | 398  | 5    | 4    | 5    |
| 75             | 217               | 17   | 4    | 5    | 6    |
| 85             | 48                | 4    | 5    | 6    | 8    |
| 90             | 4                 | 5    | 6    | 7    | 9    |

#### ZONAL LUMENS

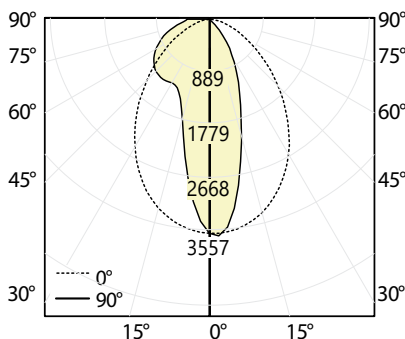
| Zone  | Lumens |
|-------|--------|
| 0     |        |
| 0-10  | 126    |
| 10-20 | 411    |
| 20-30 | 756    |
| 30-40 | 987    |
| 40-50 | 842    |
| 50-60 | 650    |
| 60-70 | 490    |
| 70-80 | 331    |
| 80-90 | 201    |
| 90    |        |

#### LUMINANCE DATA (cd/m²)

| Vertical Angle | Horizontal Angles |       |      |
|----------------|-------------------|-------|------|
|                | 0                 | 45    | 90   |
| 45             | 29699             | 61385 | 7879 |
| 55             | 28136             | 8639  | 269  |
| 65             | 25455             | 288   | 285  |
| 75             | 20723             | 411   | 595  |
| 85             | 13470             | 1447  | 2209 |

### Graze 1200 lm/ft

#### PHOTOMETRIC CURVE



**Direct Output: 1200 lm/ft**  
**Total Lumens: 4809 lm (for 4ft)**  
**Input Watts: 42.64 W**  
**Efficacy: 113 lm/W**

IES FILE: PVS-4-BL-NA-GZ-1200-90-35-W-VAL-CEN.ies  
 TESTED ACCORDING TO IES LM-79-2019

#### CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |      |      |      |
|----------------|-------------------|------|------|------|------|
|                | 0                 | 22.5 | 45   | 67.5 | 90   |
| 0              | 3510              | 3510 | 3510 | 3510 | 3510 |
| 5              | 3502              | 3537 | 3483 | 3416 | 3425 |
| 15             | 3299              | 3158 | 2584 | 2176 | 2053 |
| 25             | 2873              | 2447 | 1622 | 1250 | 1134 |
| 35             | 2285              | 1778 | 1024 | 670  | 583  |
| 45             | 1631              | 1247 | 544  | 236  | 176  |
| 55             | 1039              | 771  | 180  | 36   | 9    |
| 65             | 582               | 353  | 7    | 3    | 4    |
| 75             | 262               | 30   | 4    | 4    | 5    |
| 85             | 61                | 5    | 4    | 5    | 6    |
| 90             | 8                 | 4    | 5    | 5    | 7    |

#### ZONAL LUMENS

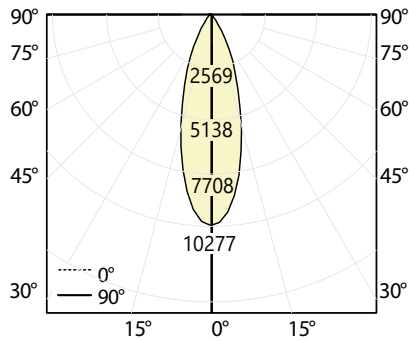
| Zone  | Lumens |
|-------|--------|
| 0     |        |
| 0-10  | 305    |
| 10-20 | 691    |
| 20-30 | 813    |
| 30-40 | 817    |
| 40-50 | 734    |
| 50-60 | 590    |
| 60-70 | 428    |
| 70-80 | 274    |
| 80-90 | 157    |
| 90    |        |

#### LUMINANCE DATA (cd/m²)

| Vertical Angle | Horizontal Angles |       |      |
|----------------|-------------------|-------|------|
|                | 0                 | 45    | 90   |
| 45             | 56980             | 19008 | 6150 |
| 55             | 44748             | 7760  | 373  |
| 65             | 34026             | 422   | 228  |
| 75             | 25013             | 336   | 485  |
| 85             | 17242             | 1186  | 1827 |

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

## ● PHOTOMETRIC DATA - DIRECT MIKROLITE

**MikroLite - Lofted White Matte 24°**  
soft beam**PHOTOMETRIC CURVE**

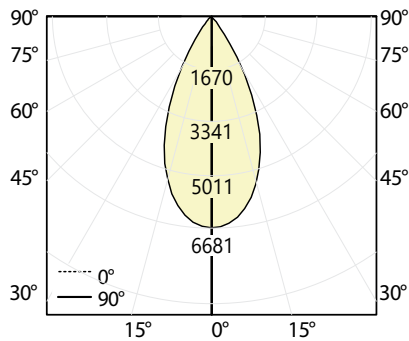
| CANDELA DISTRIBUTION |                   |       |       |       |       |  |
|----------------------|-------------------|-------|-------|-------|-------|--|
| Vertical Angle       | Horizontal Angles |       |       |       |       |  |
|                      | 0                 | 22.5  | 45    | 67.5  | 90    |  |
| 0                    | 10277             | 10277 | 10277 | 10277 | 10277 |  |
| 5                    | 9754              | 9631  | 9599  | 9467  | 9510  |  |
| 15                   | 6040              | 5835  | 5770  | 5618  | 5623  |  |
| 25                   | 2757              | 2660  | 2638  | 2548  | 2540  |  |
| 35                   | 778               | 855   | 989   | 951   | 939   |  |
| 45                   | 235               | 251   | 335   | 350   | 325   |  |
| 55                   | 126               | 132   | 158   | 164   | 152   |  |
| 65                   | 57                | 61    | 73    | 71    | 64    |  |
| 75                   | 24                | 24    | 22    | 17    | 14    |  |
| 85                   | 7                 | 6     | 5     | 4     | 3     |  |
| 90                   | 1                 | 1     | 1     | 1     | 1     |  |

| ZONAL LUMENS |        |
|--------------|--------|
| Zone         | Lumens |
| 0            |        |
| 0-10         | 868    |
| 10-20        | 1618   |
| 20-30        | 1225   |
| 30-40        | 603    |
| 40-50        | 252    |
| 50-60        | 137    |
| 60-70        | 69     |
| 70-80        | 23     |
| 80-90        | 5      |
| 90           |        |

| LUMINANCE DATA (cd/m²) |                   |       |       |
|------------------------|-------------------|-------|-------|
| Vertical Angle         | Horizontal Angles |       |       |
|                        | 0                 | 45    | 90    |
| 45                     | 19233             | 27390 | 26628 |
| 55                     | 12742             | 15884 | 15379 |
| 65                     | 7831              | 10010 | 8806  |
| 75                     | 5352              | 4849  | 3188  |
| 85                     | 4525              | 3593  | 2028  |

Total Lumens: 4800 lm (for 4ft)  
Input Watts: 41.7 W  
Efficacy: 115 lm/W

90 CRI at 3500K shown.  
IES FILE: PSV-4-MKL-LF-SF-D24-1200-MW-90-35-W-VAL-CEN.ies  
TESTED ACCORDING TO IES LM-79-2019

**MikroLite - Lofted White Matte 50°**  
soft beam**PHOTOMETRIC CURVE**

| CANDELA DISTRIBUTION |                   |      |      |      |      |  |
|----------------------|-------------------|------|------|------|------|--|
| Vertical Angle       | Horizontal Angles |      |      |      |      |  |
|                      | 0                 | 22.5 | 45   | 67.5 | 90   |  |
| 0                    | 6681              | 6681 | 6681 | 6681 | 6681 |  |
| 5                    | 6555              | 6561 | 6587 | 6583 | 6585 |  |
| 15                   | 5494              | 5512 | 5580 | 5562 | 5565 |  |
| 25                   | 3442              | 3503 | 3604 | 3596 | 3595 |  |
| 35                   | 1046              | 1199 | 1497 | 1509 | 1498 |  |
| 45                   | 225               | 262  | 398  | 450  | 458  |  |
| 55                   | 61                | 76   | 120  | 141  | 136  |  |
| 65                   | 2                 | 7    | 26   | 34   | 32   |  |
| 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         | 611    |
| 10-20        | 1496   |
| 20-30        | 1511   |
| 30-40        | 794    |
| 40-50        | 273    |
| 50-60        | 94     |
| 60-70        | 20     |
| 70-80        | 0      |
| 80-90        | 0      |
| 90           |        |

| LUMINANCE DATA (cd/m²) |                   |       |       |
|------------------------|-------------------|-------|-------|
| Vertical Angle         | Horizontal Angles |       |       |
|                        | 0                 | 45    | 90    |
| 45                     | 16553             | 29320 | 33694 |
| 55                     | 5514              | 10876 | 12383 |
| 65                     | 266               | 3215  | 3928  |
| 75                     | 0                 | 0     | 0     |
| 85                     | 0                 | 0     | 0     |

Total Lumens: 4799 lm (for 4ft)  
Input Watts: 41.4 W  
Efficacy: 116 lm/W

90 CRI at 3500K shown.  
IES FILE: PSV-4-MKL-LF-SF-D50-1200-MW-90-35-W-VAL-CEN.ies  
TESTED ACCORDING TO IES LM-79-2019

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