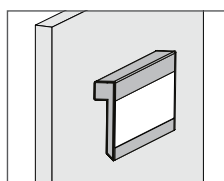
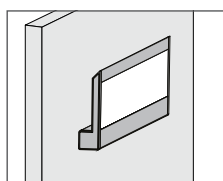




SWHD - Step Wall Horizontal Down

Step Wall Horizontal Down  
SWHDStep Wall Horizontal Up  
SWHU

Project \_\_\_\_\_

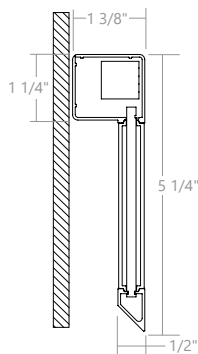
Type \_\_\_\_\_

Notes \_\_\_\_\_

PERFORMANCE PER LINEAR FOOT AT 3500K  
WITH ALL OPTICS OPTIONS

| NOMINAL LUMEN OUTPUT | INPUT WATTS* | EFFICACY |
|----------------------|--------------|----------|
| 250 lm/ft            | 2.37 W/ft    | 105 lm/W |
| 500 lm/ft            | 4.74 W/ft    | 105 lm/W |
| 850 lm/ft            | 8.06 W/ft    | 105 lm/W |
| 1000 lm/ft           | 9.49 W/ft    | 105 lm/W |

Please consult factory for custom lumen output and wattage.



## LIGHT DISTRIBUTION

|                        |  |                         |          |     |  |                         |          |     |
|------------------------|--|-------------------------|----------|-----|--|-------------------------|----------|-----|
| STEP SIDE<br>FLAT SIDE |  | asymmetric on step side | LUMENS % | 50% |  | lambertian on step side | LUMENS % | 50% |
|                        |  | asymmetric on flat side | LUMENS % | 50% |  | lambertian on flat side | LUMENS % | 50% |
|                        |  | asymmetric on step side | LUMENS % | 60% |  | lambertian on step side | LUMENS % | 40% |
|                        |  | lambertian on flat side | LUMENS % | 40% |  | asymmetric on flat side | LUMENS % | 60% |

\*See page 4 for photometry

(recommend lambertian (LS) on the step side)

## Ordering Guide

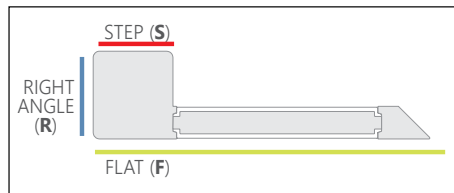
| PSKDI                                 | S                                                                                        |                                                        |                                                        |                                                                                                               |
|---------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| PRODUCT ID                            | MOUNTING SIDE                                                                            | OPTIC-STEP SIDE                                        | OPTIC-FLAT SIDE                                        | NOM. LUMENS/FT                                                                                                |
| PSKDI Pose Knife Edge Direct/Indirect | S step                                                                                   | AS asymmetric - step side<br>LS lambertian - step side | AF asymmetric - flat side<br>LF lambertian - flat side | 250 250 lm/ft - Min<br>1000 1000 lm/ft - Max                                                                  |
|                                       | For flat, please refer to:<br>link spec<br>For Right angle please refer<br>to: link spec | See light distribution options above                   | See light distribution options above                   | Outputs between listed min and max are available.<br>Consult factory for outputs outside of the listed range. |

| CRI       | COLOR TEMP.                                  | LENGTH                                                                                                                                                             | FINISH            | VOLTAGE                                                      | DRIVER                                                              |
|-----------|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------|---------------------------------------------------------------------|
| 80 80 CRI | 27 2700 K                                    | 2 2'                                                                                                                                                               | AP aluminum paint | 120 120 V                                                    | DP dimming (0-10V) 1% - integral                                    |
| 90 90 CRI | 30 3000 K                                    | 3 3'                                                                                                                                                               | W white           | 277 277 V                                                    | POE(##) POE drivers - remote*                                       |
|           | 35 3500 K                                    | 4 4'                                                                                                                                                               | BLK black         | 347 347 V*                                                   |                                                                     |
|           | 40 4000 K                                    | 5 5'                                                                                                                                                               | C custom          | UNV universal                                                |                                                                     |
|           |                                              | 6 6'                                                                                                                                                               |                   | DC low voltage**                                             |                                                                     |
|           |                                              | S(L) system run*                                                                                                                                                   |                   |                                                              |                                                                     |
|           | Consult factory for other color temperatures | 2 ft min, 1 ft increment, 6 ft max stand alone.<br>*System runs contain joiners - see page 3<br>For all other lengths and related outputs, please consult factory. |                   | * Remote driver only.<br>** Only available with POE drivers. | Integral driver<br>* Consult factory. See page 3 to specify system. |

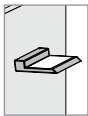
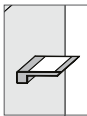
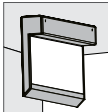
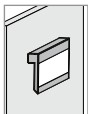
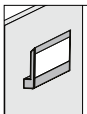
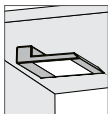
| CIRCUITS                                                  | MOUNTING                                                                                                                  | ORIENTATION                                                                                         | REMOTE BATTERY (OPT.)      | CUSTOM (OPT.)  |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------|----------------|
| 1 1 circuit<br>2 2 circuits *<br>+E(##) emergency circuit | MT mounting track for drywall and solid surfaces<br>DF drywall flange*<br>DS drywall spackle flange*                      | SWHD step wall horizontal down<br>SWHU step wall horizontal up                                      | BR(##) remote battery pack | C custom       |
| * Can not control up/down separately.                     | Please consult factory for power feed options available for your application.<br>*5/8" drywall required for installation. | See top of page for visual reference<br>See page 2 for additional mounting options and orientations | Remote only                | Please specify |

● **VIEW ALL ORIENTATION OPTIONS**

### MOUNTING SIDE



Pose Knife Edge DI is available for installation on all three of it's sides. See interactive table below for quick access to SURFACE - STEP RIGHT ANGLE MOUNTS and WALL - RIGHT ANGLE MOUNT specification sheets, also available at [axislighting.com](http://axislighting.com)

|  | WALL                                                                                                                                 |                                                                                                                                    | SURFACE                                                                                                               |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
|                                                                                   | HORIZONTAL                                                                                                                           |                                                                                                                                    |                                                                                                                       |
|                                                                                   | DOWN                                                                                                                                 | UP                                                                                                                                 |                                                                                                                       |
| RIGHT ANGLE MOUNT (R)                                                             | <br>Right Angle Wall Horizontal Down<br><b>RWHD</b> | <br>Right Angle Wall Horizontal Up<br><b>RWHU</b> | <br>Right Angle Surface<br><b>RS</b> |
| STEP MOUNT (S)<br>(recommend lambertian (LS) on the step side)                    | <br>Step Wall Horizontal Down<br><b>SWHD</b>      | <br>Step Wall Horizontal Up<br><b>SWHU</b>      | <br>Step Surface<br><b>SS</b>      |

**(Note: These orientations help orient installation by the contractor. If you indicate an orientation in your product code it will be placed on the shop drawings)**

### ● SPECIFICATIONS

#### CONSTRUCTION

|                          |                                                                 |
|--------------------------|-----------------------------------------------------------------|
| <b>Housing</b>           | Extruded aluminum (0.05" nominal)<br>Up to 70% recycled content |
| <b>End Cap</b>           | Cast aluminum                                                   |
| <b>Interior Brackets</b> | Die formed sheet steel (22 gauge)                               |
| <b>Reflectors</b>        | White powder coated sheet steel (24 gauge)                      |
| <b>Lenses</b>            | Extruded acrylic (0.070" nominal)                               |

### ● ELECTRICAL

|                                                |                             |
|------------------------------------------------|-----------------------------|
| <b>Power over Ethernet</b>                     | MOLEX                       |
| <b>POE drivers*</b>                            | IGOR                        |
| (consult factory for more information)         | SMARTENGINE                 |
| UL2108 certified for integral or remote driver | O - Other (Consult factory) |

|                  |                                                              |
|------------------|--------------------------------------------------------------|
| <b>Emergency</b> | Remote emergency battery pack or emergency circuit optional. |
|------------------|--------------------------------------------------------------|

|                      |                                 |
|----------------------|---------------------------------|
| <b>Input Voltage</b> | 120V, 277V, 347V (remote), UNV. |
|----------------------|---------------------------------|

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

### ● LED SYSTEM

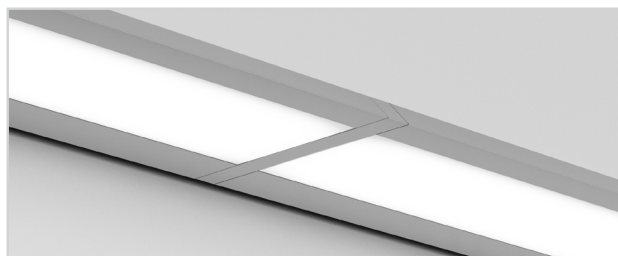
|                           |                                                                                                                                                                       |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CRI</b>                | Minimum 80 or 90 color rendering index.                                                                                                                               |
| <b>CCT</b>                | Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3-step MacAdam ellipse). Both within fixture and fixture to fixture. |
| <b>LED life</b>           | Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.                                         |
| <b>Thermal Management</b> | Aluminum housing acting as the heat sink to maximize life.                                                                                                            |
| <b>Environment</b>        | Dry and damp rated for indoor use only in operating ambient temperatures of 0-40°C (32-104°F).                                                                        |

### ● OPTICS

A Clear lens is used when the asymmetric optic is chosen.  
A Diffused lens is used when the Lambertian optic is chosen.

### ● SYSTEM (S(L))

POSE linear systems, with the use of a strong profile, allow for a connection system of continuous runs. Lengths of 2' min, 1' increments, 6' max stand alone, as well as custom lengths are available. Runs of POSE that are greater than 6' in length are designated as systems (S(L)). This means that the run is comprised of a combination of sections to be assembled on site using our joining system. For more information on systems and joining, please refer to the POSE installation sheets available for download at [www.axislighting.com](http://www.axislighting.com).



### ● WARRANTY

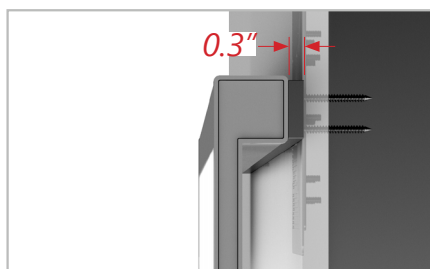
Limited 5-year warranty is available. Warranty is valid provided luminaires are installed and used according to specifications. For full terms and conditions, please consult warranty section at [axislighting.com](http://axislighting.com).

## Mounting flexibility, multiple application solutions

Choose from surface mount (MT) or recessed mount (DF) or spackle mount (DS) tracks.

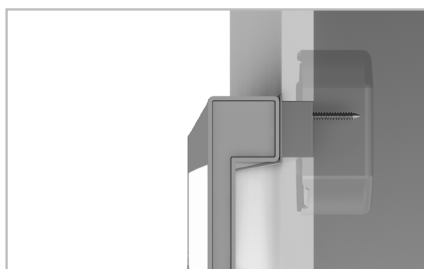
#### SURFACE MOUNT TRACK (MT)

0.3" offset from surface



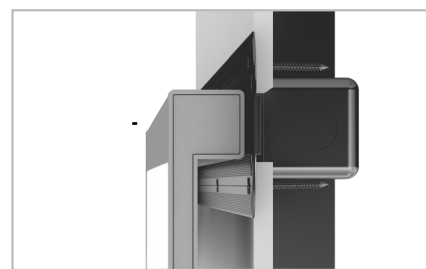
#### DRYWALL FLANGE (DF)\*

Flush with surface



#### DRYWALL SPACKLE (DS)

Flush with surface



\*min 5/8 thick drywall

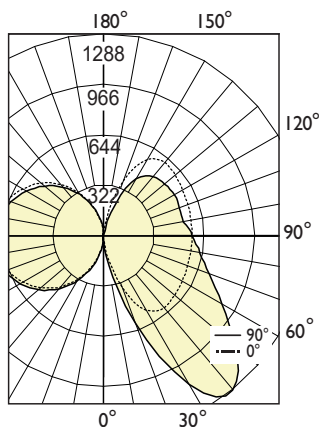
### ● PHOTOMETRIC DATA



LUMENS %  
asymmetric  
on step side 60%  
lambertian  
on flat side 40%

1000 lm/ft

#### PHOTOMETRIC CURVE



**Total Lumens: 4969 lm (for 4ft)**  
**Input Watts: 47.44 W**  
**Efficacy: 105 lm/W**

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

IES FILE: POSE-4-S-AS-LF-80-3500-W-120-DP-1.IES

TESTED ACCORDING TO IES LM-79-2008

#### CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |     |      |      |
|----------------|-------------------|------|-----|------|------|
|                | 0                 | 22.5 | 45  | 67.5 | 90   |
| 0              | 22                | 22   | 22  | 22   | 22   |
| 5              | 22                | 51   | 68  | 77   | 80   |
| 15             | 22                | 92   | 207 | 318  | 366  |
| 35             | 21                | 169  | 447 | 723  | 851  |
| 25             | 19                | 253  | 726 | 1117 | 1256 |
| 45             | 17                | 334  | 925 | 1187 | 1218 |
| 55             | 13                | 397  | 946 | 998  | 982  |
| 65             | 10                | 434  | 847 | 810  | 791  |
| 75             | 7                 | 443  | 724 | 684  | 668  |
| 85             | 3                 | 428  | 640 | 604  | 596  |
| 90             | 1                 | 412  | 599 | 573  | 567  |
| 95             | 2                 | 395  | 575 | 546  | 551  |
| 105            | 3                 | 348  | 527 | 520  | 514  |
| 115            | 3                 | 295  | 507 | 523  | 526  |
| 125            | 4                 | 235  | 476 | 515  | 522  |
| 135            | 4                 | 164  | 425 | 495  | 509  |
| 145            | 4                 | 80   | 323 | 443  | 472  |
| 155            | 4                 | 4    | 170 | 295  | 335  |
| 165            | 3                 | 1    | 11  | 73   | 98   |
| 175            | 3                 | 2    | 1   | 1    | 1    |
| 180            | 3                 | 3    | 3   | 3    | 3    |

#### ZONAL LUMENS

| Zone    | Lumens |
|---------|--------|
| 0       |        |
| 0-10    | 6      |
| 10-20   | 44     |
| 20-30   | 142    |
| 30-40   | 286    |
| 40-50   | 408    |
| 50-60   | 474    |
| 60-70   | 502    |
| 70-80   | 510    |
| 80-90   | 502    |
| 90      |        |
| 90-100  | 476    |
| 100-110 | 433    |
| 110-120 | 382    |
| 120-130 | 315    |
| 130-140 | 238    |
| 140-150 | 154    |
| 150-160 | 74     |
| 160-170 | 20     |
| 170-180 | 2      |
| 180     |        |

#### LUMINANCE DATA (cd/m²)

| Vertical Angle | Horizontal Angles |       |       |
|----------------|-------------------|-------|-------|
|                | 0                 | 45    | 90    |
| 45             | 244               | 13506 | 17788 |
| 55             | 241               | 17025 | 17681 |
| 65             | 246               | 20694 | 19326 |
| 75             | 264               | 28898 | 26652 |
| 85             | 368               | 75790 | 70642 |

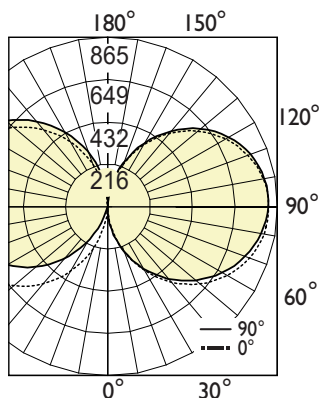
### ● PHOTOMETRIC DATA



LUMENS %  
 lambertian  
 on step side 50%  
 lambertian  
 on flat side 50%

1000 lm/ft

#### PHOTOMETRIC CURVE



**Total Lumens: 4706 lm (for 4ft)**  
**Input Watts: 47.45 W**  
**Efficacy: 100 lm/W**

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

IES FILE: POSE-4-S-LF-LS- 80-3500-W- 120-DP-1.IES

TESTED ACCORDING TO IES LM-79-2008

#### CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |     |      |     |
|----------------|-------------------|------|-----|------|-----|
|                | 0                 | 22.5 | 45  | 67.5 | 90  |
| 0              | 5                 | 5    | 5   | 5    | 5   |
| 5              | 5                 | 27   | 45  | 57   | 62  |
| 15             | 5                 | 69   | 125 | 165  | 180 |
| 25             | 4                 | 110  | 207 | 277  | 303 |
| 35             | 4                 | 148  | 288 | 387  | 425 |
| 45             | 4                 | 184  | 362 | 489  | 538 |
| 55             | 4                 | 213  | 429 | 579  | 635 |
| 65             | 3                 | 237  | 482 | 653  | 717 |
| 75             | 2                 | 253  | 521 | 708  | 777 |
| 85             | 2                 | 261  | 543 | 742  | 816 |
| 90             | 1                 | 259  | 547 | 750  | 825 |
| 95             | 3                 | 260  | 546 | 750  | 824 |
| 105            | 8                 | 250  | 530 | 729  | 802 |
| 115            | 12                | 233  | 494 | 682  | 750 |
| 125            | 16                | 208  | 439 | 608  | 670 |
| 135            | 20                | 176  | 370 | 513  | 564 |
| 145            | 22                | 137  | 289 | 399  | 439 |
| 155            | 25                | 95   | 200 | 277  | 305 |
| 165            | 26                | 50   | 110 | 153  | 168 |
| 175            | 27                | 16   | 25  | 37   | 41  |
| 180            | 27                | 27   | 27  | 27   | 27  |

#### ZONAL LUMENS

| Zone    | Lumens |
|---------|--------|
| 0       |        |
| 0-10    | 78     |
| 10-20   | 223    |
| 20-30   | 338    |
| 30-40   | 409    |
| 40-50   | 425    |
| 50-60   | 386    |
| 60-70   | 299    |
| 70-80   | 180    |
| 80-90   | 57     |
| 90      | 51     |
| 90-100  | 156    |
| 100-110 | 280    |
| 110-120 | 373    |
| 120-130 | 419    |
| 130-140 | 409    |
| 140-150 | 343    |
| 150-160 | 229    |
| 160-170 | 81     |
| 170-180 | 109    |
| 180     |        |

#### LUMINANCE DATA (cd/m²)

| Vertical Angle | Horizontal Angles |       |       |
|----------------|-------------------|-------|-------|
|                | 0                 | 45    | 90    |
| 45             | 60                | 5289  | 7855  |
| 55             | 65                | 7721  | 11438 |
| 65             | 74                | 11788 | 17520 |
| 75             | 93                | 20798 | 31018 |
| 85             | 182               | 64356 | 96659 |

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

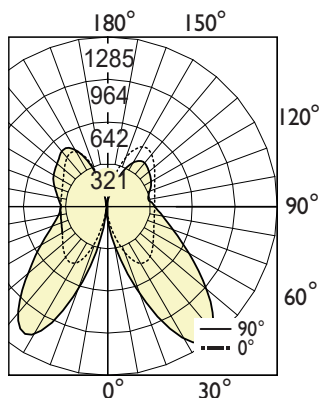
### ● PHOTOMETRIC DATA



LUMENS %  
asymmetric  
on step side 50%  
asymmetric  
on flat side 50%

1000 lm/ft

### PHOTOMETRIC CURVE



**Total Lumens: 5234 lm (for 4ft)**  
**Input Watts: 47.5 W**  
**Efficacy: 110 lm/W**

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

IES FILE: POSE-4-S-AS-AF-80-3500-W-120-DP-1.IES

TESTED ACCORDING TO IES LM-79-2008

### CANDELA DISTRIBUTION

| Vertical Angle | Horizontal Angles |      |     |      |      |
|----------------|-------------------|------|-----|------|------|
|                | 0                 | 22.5 | 45  | 67.5 | 90   |
| 0              | 27                | 27   | 27  | 27   | 27   |
| 5              | 27                | 55   | 80  | 96   | 103  |
| 15             | 26                | 115  | 249 | 373  | 427  |
| 25             | 25                | 202  | 508 | 798  | 932  |
| 35             | 22                | 289  | 787 | 1153 | 1277 |
| 45             | 20                | 367  | 950 | 1145 | 1153 |
| 55             | 16                | 422  | 921 | 902  | 864  |
| 65             | 11                | 446  | 786 | 676  | 635  |
| 75             | 7                 | 441  | 638 | 525  | 489  |
| 85             | 3                 | 413  | 538 | 430  | 399  |
| 90             | 1                 | 391  | 493 | 396  | 370  |
| 95             | 1                 | 371  | 473 | 371  | 351  |
| 105            | 2                 | 319  | 438 | 363  | 335  |
| 115            | 2                 | 263  | 438 | 397  | 379  |
| 125            | 2                 | 202  | 425 | 424  | 410  |
| 135            | 2                 | 130  | 384 | 439  | 439  |
| 145            | 2                 | 47   | 277 | 400  | 426  |
| 155            | 2                 | 2    | 123 | 244  | 282  |
| 165            | 2                 | 1    | 3   | 34   | 52   |
| 175            | 2                 | 2    | 1   | 1    | 1    |
| 180            | 1                 | 1    | 1   | 1    | 1    |

### ZONAL LUMENS

| Zone    | Lumens |
|---------|--------|
| 0       |        |
| 0-10    | 9      |
| 10-20   | 75     |
| 20-30   | 239    |
| 30-40   | 441    |
| 40-50   | 553    |
| 50-60   | 559    |
| 60-70   | 517    |
| 70-80   | 464    |
| 80-90   | 419    |
| 90      |        |
| 90-100  | 385    |
| 100-110 | 364    |
| 110-120 | 346    |
| 120-130 | 312    |
| 130-140 | 259    |
| 140-150 | 180    |
| 150-160 | 87     |
| 160-170 | 22     |
| 170-180 | 2      |
| 180     |        |

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

| Vertical Angle | Horizontal Angles |       |       |
|----------------|-------------------|-------|-------|
|                | 0                 | 45    | 90    |
| 45             | 287               | 13880 | 16843 |
| 55             | 280               | 16589 | 15557 |
| 65             | 279               | 19205 | 15523 |
| 75             | 292               | 25435 | 19504 |
| 85             | 379               | 63778 | 47311 |

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