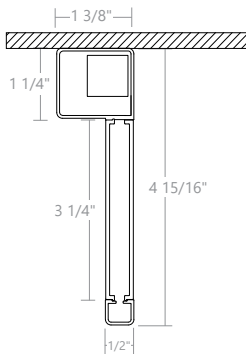
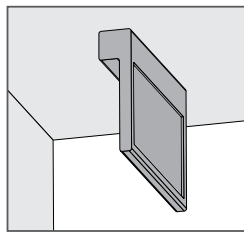




RS - Right Angle Surface



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**

		LUMENS %
STEP SIDE	AS	asymmetric on step side 100%
FLAT SIDE	SF	solid on flat side 0%

\*See page 6 for photometry

**Ordering Guide**

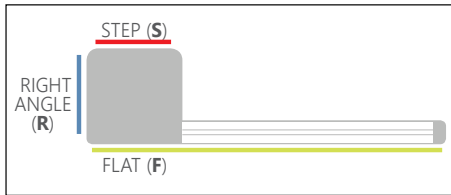
PS	AR	R			
PRODUCT ID	LINE	MOUNTING SIDE	OPTIC-STEP SIDE	OPTIC-FLAT SIDE	NOM. LUMENS/FT
PS Pose	AR Architectural	R right angle	AS asymmetric - step side LS lambertian - step side	SF solid - flat side	250 250 lm/ft - Min 1000 1000 lm/ft - Max
		For Flat, please refer to: <a href="#">link spec</a> For Step, please refer to: <a href="#">link spec</a>	See light distribution options above	See light distribution options above	Outputs between listed min and max are available. 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**	
		7 7'			
		8 8'			
		S(L) system run*			
	Consult factory for other color temperatures	2 ft min, 1 ft increment, 8 ft max stand alone. *System runs contain joiners - see page 3 For all other lengths and related outputs, please consult factory.		* Remote driver only. ** Only available with POE drivers.	Integral driver * Consult factory. See page 3 to specify system.


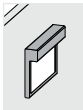
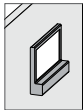
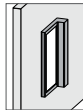
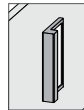
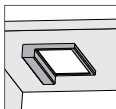
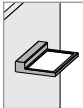
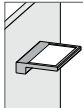
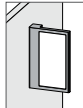
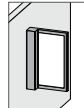
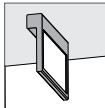
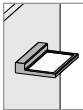
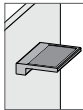
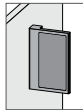
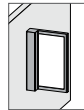
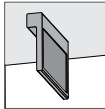
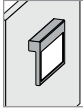
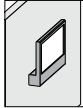
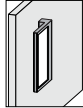
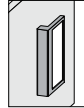
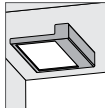
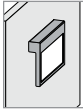
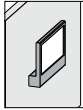
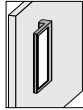
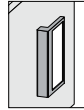
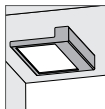
CIRCUITS	MOUNTING	RS	REMOTE BATTERY (OPTIONAL)	OTHER (OPTIONAL)	CUSTOM (OPTIONAL)
1 1 circuit 2 2 circuits* +E(#) emergency circuit	MT mounting track for drywall and solid surfaces DF drywall flange* DS drywall spackle flange* SB9 surface TB 9/16 SBS surface screw slot t-bar	RS right angle surface	BR(#) remote battery pack	EF end feed	C custom
* Can not control up/down separately.	Not available on 15/16 T-bars Not available for mounting on Tegular tile. Please consult factory for power feed options available for your application. * 5/8" drywall required for installation	See page 2 for additional mounting options and orientations	Remote only	Not available with flex whip wiring	Please specify

● [VIEW ALL ORIENTATION OPTIONS](#)

### MOUNTING SIDE



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

	WALL				SURFACE
	HORIZONTAL		VERTICAL		
	DOWN	UP	LEFT	RIGHT	
FLAT MOUNT (F) (solid (SF) always on the flat side)	 Flat Wall Horizontal Down <b>FWHD</b>	 Flat Wall Horizontal Up <b>FWHU</b>	 Flat Wall Vertical Left <b>FWVL</b>	 Flat Wall Vertical Right <b>FWVR</b>	 Flat Surface <b>FS</b>
RIGHT ANGLE MOUNT (R) Step and Flat sides lit.	 Right Angle Wall Horizontal Down <b>RWHD</b>	 Right Angle Wall Horizontal Up <b>RWHU</b>	 Right Angle Wall Vertical Left <b>RWVL</b>	 Right Angle Wall Vertical Right <b>RWVR</b>	 Right Angle Surface <b>RS</b>
RIGHT ANGLE MOUNT (R) Step side lit.	 Right Angle Wall Horizontal Down <b>RWHD</b>	 Right Angle Wall Horizontal Up <b>RWHU</b>	 Right Angle Wall Vertical Left <b>RWVL</b>	 Right Angle Wall Vertical Right <b>RWVR</b>	 Right Angle Surface <b>RS</b>
STEP MOUNT (S) Step and Flat sides lit. (recommend lambertian (LS) on the step side)	 Step Wall Horizontal Down <b>SWHD</b>	 Step Wall Horizontal Up <b>SWHU</b>	 Step Wall Vertical Left <b>SWVL</b>	 Step Wall Vertical Right <b>SWVR</b>	 Step Surface <b>SS</b>
STEP MOUNT (S) Flat side lit. (recommend lambertian (LS) on the step side)	 Step Wall Horizontal Down <b>SWHD</b>	 Step Wall Horizontal Up <b>SWHU</b>	 Step Wall Vertical Left <b>SWVL</b>	 Step Wall Vertical Right <b>SWVR</b>	 Step Surface <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) 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

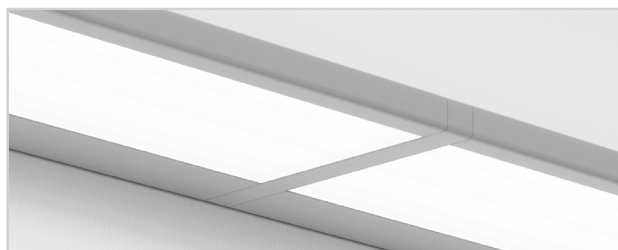
<b>CRI</b>	Minimum 80 or 90 color rendering index.
<b>CCT</b>	Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3-step MacAdam ellipse). Both within fixture and fixture to fixture.
<b>LED life</b>	Minimum 50,000h with 85% of lumen maintenance in 25°C ambient 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 (32-104F).

## ● 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, 8' max stand alone, as well as custom lengths are available. Runs of POSE that are greater than 8' 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

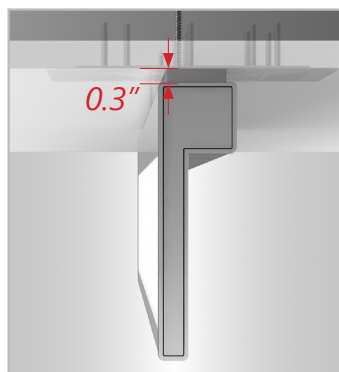
Limited 5-year warranty is available. Warranty is valid provided luminaires are installed and used according to specifications. For full terms and conditions, please consult warranty section at [axislighting.com](http://axislighting.com).

## Mounting flexibility, multiple application solutions

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

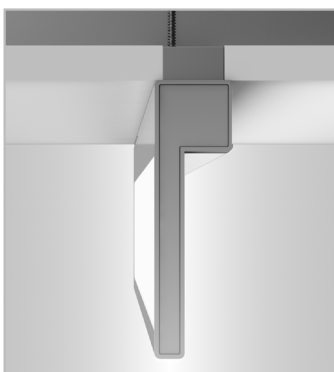
### SURFACE MOUNT TRACK (MT)

0.3" offset from wall or surface



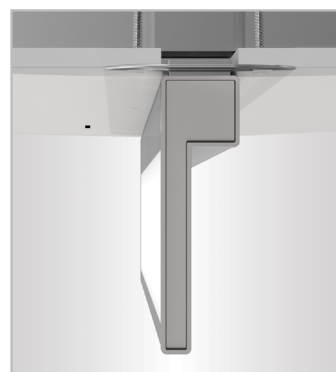
### DRYWALL FLANGE (DF)\*

Flush with wall




### DRYWALL SPACKLE (DS)

Flush with wall



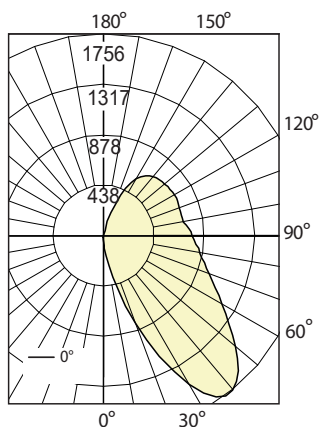
\*min 5/8 thick drywall

## ● PHOTOMETRIC DATA

	asymmetric on step side	LUMENS % <b>100%</b>
	solid on flat side	<b>0%</b>

1000 lm/ft

## PHOTOMETRIC CURVE



**Total Lumens: 3999 lm (for 4ft)**  
**Input Watts: 38.08 W**  
**Efficacy: 105 lm/W**

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

IES FILE: PS-AR-R-SF-AS-1000-80-35-4-SWHD.ies

TESTED ACCORDING TO IES LM-79-2008

## CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	30	30	30	30	30
5	109	102	85	60	30
15	499	438	282	126	29
35	1159	990	616	230	27
25	1712	1512	995	350	24
45	1660	1624	1271	456	22
55	1338	1371	1304	547	17
65	1078	1114	1173	598	13
75	910	939	1003	618	8
85	813	828	887	608	4
90	772	786	831	591	2
95	751	752	799	562	2
105	701	717	734	489	2
115	717	721	708	410	3
125	711	712	662	323	3
135	693	684	592	221	3
145	644	607	444	110	3
155	457	401	230	5	4
165	134	107	18	2	4
175	2	2	2	3	4
180	3	3	3	3	3

## ZONAL LUMENS

Zone	Lumens
0	
0-10	10
10-20	85
20-30	286
30-40	581
40-50	802
50-60	871
60-70	850
70-80	800
80-90	745
90	
90-100	678
100-110	608
110-120	545
120-130	460
130-140	356
140-150	232
150-160	102
160-170	18
170-180	0
180	

## LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	24242	18568	315
55	24097	23484	307
65	26339	28665	307
75	36323	40018	332
85	96275	105122	497