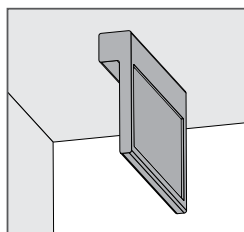




RS - Right Angle Surface

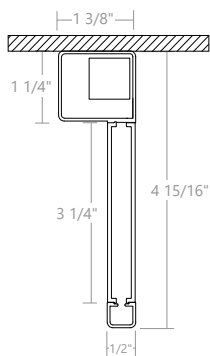


Project _____

Type _____

Notes _____

- Designed for Nurses Stations and healthcare shift workers
- White LED lighting for general ambient and/or task illumination
- BeWell Optics provides visual comfort at a local level without affecting computer monitor resolution



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	FLAT SIDE	LUMENS %	ASYMMETRIC	LUMENS %
LS	SF	100%	AS	100%
lambertian on step side	solid on flat side	0%	asymmetric on step side	solid on flat side

*See page 6 for photometry



Ordering Guide

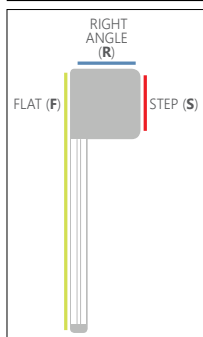
PS	BC	R	OPTIC-STEP SIDE	OPTIC-FLAT SIDE	NOM. LUMENS/FT
PRODUCT ID	LINE	MOUNTING SIDE			
PS Pose	BC BalancedCare™	R right angle	AS asymmetric - step side LS lambertian - step side	SF solid - flat side	250 250 lm/ft 500 500 lm/ft 850 850 lm/ft 1000 1000 lm/ft
			See light distribution options above AS & LS comes with UB ultra blend lens		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 90 90 CRI	27 2700 K 30 3000 K 35 3500 K 40 4000 K	2 2' 3 3' 4 4' 5 5' 6 6' S(L) system run*	AP aluminum paint W white BLK black C custom	120 120 V 277 277 V 347 347 V* UNV universal	DP dimming (0-10V) 1% - integral
Consult factory for other color temperatures		2ft min, 1 ft increment, 6 ft max stand alone. *System runs contain joiners - see page 3 For all other lengths and related outputs, please consult factory.	* Remote driver only.		Integral driver

CIRCUITS	MOUNTING	RS	REMOTE BATTERY (OPTIONAL)	CUSTOM (OPTIONAL)
		ORIENTATION		
+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	B(##) remote battery pack	C custom
Specify quantity 4' length min	Not available on 15/16 T-bars Please consult factory for power feed options available for your application.	See top of page for orientation	Remote only	Please specify

● VIEW ALL ORIENTATION OPTIONS





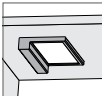








MOUNTING SIDE



LIGHT DISTRIBUTION

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

*See page 6 for photometry

	WALL				SURFACE
	HORIZONTAL		VERTICAL		
	DOWN	UP	LEFT	RIGHT	
FLAT MOUNT (F) (solid (SF) always on the flat side)	 Flat Wall Horizontal Down FWHD	NA	 Flat Wall Vertical Left FWVL	 Flat Wall Vertical Right FWVR	 Flat Surface FS
RIGHT ANGLE MOUNT (R) Step and Flat sides lit.	NA	NA	NA	NA	 Right Angle Surface RS
RIGHT ANGLE MOUNT (R) Step side lit.	NA	NA	NA	NA	 Right Angle Surface RS
STEP MOUNT (S) Step and Flat sides lit. (recommend lambertian (LS) on the step side)	 Step Wall Horizontal Down SWHD	NA	 Step Wall Vertical Left SWVL	 Step Wall Vertical Right SWVR	NA
STEP MOUNT (S) Flat side lit. (recommend lambertian (LS) on the step side)	 Step Wall Horizontal Down SWHD	NA	 Step Wall Vertical Left SWVL	 Step Wall Vertical Right SWVR	NA

(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

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

● ELECTRICAL

Emergency Remote emergency battery pack or emergency circuit optional.

Input Voltage 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

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

● OPTICS



BeWell Optics

Axis' BeWell™ light guide technology provides multiple precise distribution options to deliver the many layers of light required in healthcare environments.

● SYSTEM (S#)

POSE linear systems, with the use of a strong profile, allow for a connection system of continuous runs.

Lengths of 2ft min, 1ft increments, 6 ft 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#). 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.



● WARRANTY

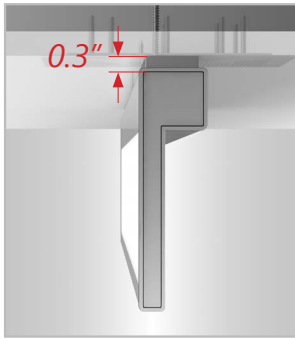
Axis Lighting will warrant defective LEDs, boards, and drivers for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specifications. If defective, Axis will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions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

Mounting flexibility, multiple application solutions

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

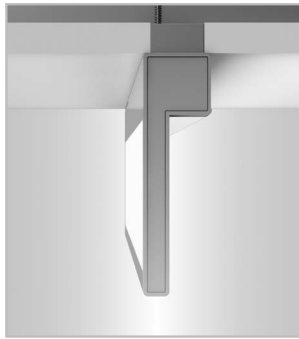
SURFACE MOUNT TRACK (MT)

0.3" offset from surface



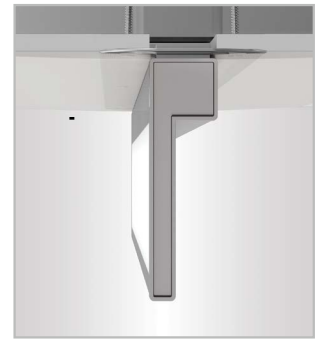
DRYWALL FLANGE (DF)*

Flush with surface



DRYWALL SPACKLE (DS)

Flush with surface



*min 5/8 thick drywall

● PHOTOMETRIC DATA

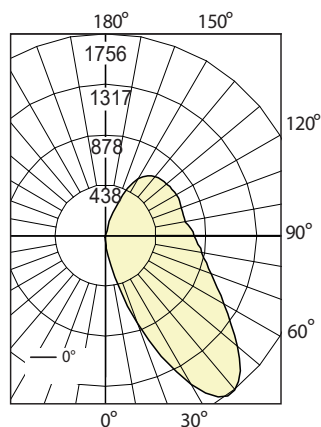


asymmetric
on step side
solid on flat
side

LUMENS %
0%
100%

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-S-SS-AF-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
25	1159	990	616	230	27
35	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