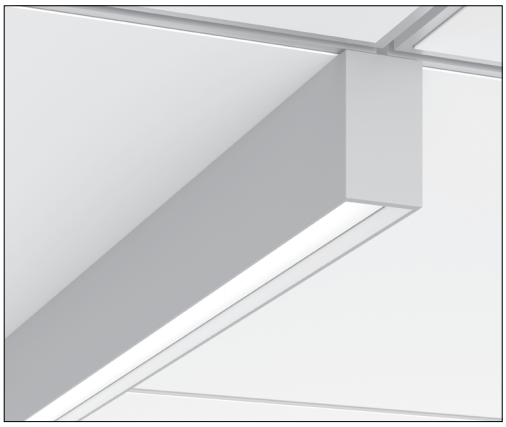
Stencil® Surface | Surface - Linear - Regressed



Project _____

Type _____

Notes _____

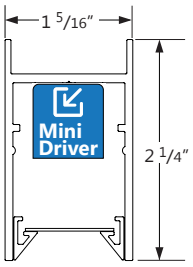
PERFORMANCE PER LINEAR FOOT AT 3500K AT 80CRI

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY
200 lm/ft	2.3 W/ft	88 lm/W
300 lm/ft	3.15 W/ft	95 lm/W
400 lm/ft	4.1W/ft	98 lm/W

* Based on a 4 foot luminaire using one driver
Please consult factory for custom lumen output and wattage.

SO

Spotless Lens - Regressed



Ordering Guide

STSLR													
PRODUCT ID		**LENGTH**		**SHIELDING**		**NOM. LUMENS/FT DOWN**		**CRI**		**COLOR TEMP.**		**FINISH**	
STSLR	Stencil Surface Linear - Regressed	**2**	2′	**SO**	spotless lens	**200**	200 lm/ft	**80**	80 CRI	**27**	2700 K	**AP**	aluminum paint
		3	3′			**300**	300 lm/ft	**90**	90 CRI	**30**	3000 K	**W**	white
		4	4′			**400**	400 lm/ft			**35**	3500 K	**BLK**	black
		5	5′							**40**	4000 K	**C**	custom
		6	6′										
		8	8′										
		S(L)	system run										
		Lit segments are available in 1' increments. Lengths suited for 30x30 grid are available, please consult factory for more information.		For combined shielding see forms spec sheet.		Applies to all downlight segments.							

REGRESS FINISH		**VOLTAGE**		**DRIVER**		**CIRCUITS**		**MOUNTING/ SUSPENSION**		**BATTERY - REMOTE (OPT.)**		**CUSTOM (OPT.)**	
BLK	black	**120**	120 V	**DP**	integral 0-10V driver dimming (1%)*	**1**	1 circuit	**SB9**	surface TB 9/16	**B(#)**	remote battery pack	**C**	custom
AP	aluminum paint	**277**	277 V			**2**	2 circuits	**SB15**	surface TB 15/16				
OGD	optical gold*	**347**	347 V *	**POE(#)**	POE drivers**	**+E(#)**	emergency circuit*	**SG9**	surface TG 9/16				
W	white	**UNV**	universal			**+NL(#)**	night light circuit	**SG15**	surface TG 15/16				
		DC	low voltage**					**SBS**	surface screw slot t-bar				
								S	surface drywall ceiling				
								***SC**	surface solid ceiling				
* See page 2 for more details.		* Consult factory ** Only available with POE drivers.		*Only integral 0-10V driver available ** Specify system		* Specify quantity		Specify length * Please consult factory for power feed options available for your ceiling type and application.		Remote only		Please specify	

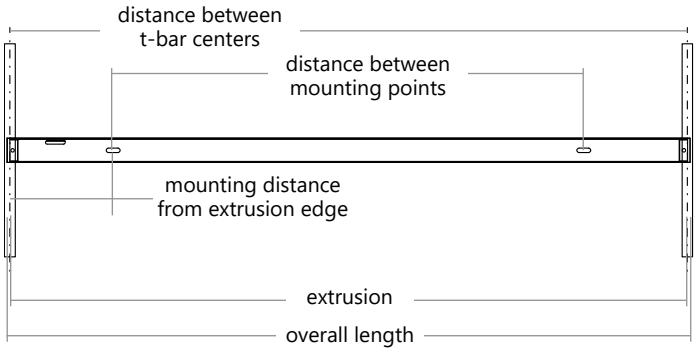
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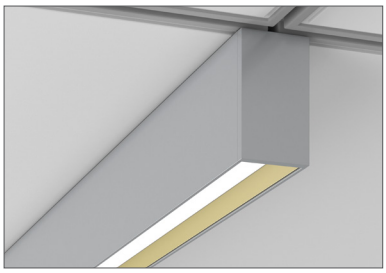
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SEGMENT LENGTHS AND MOUNTING POINTS

Flat End Caps					
Segment length		Extrusion	Mounting Distance from edge	Between mounting points	Overall length
Feet	Inches	Inches	Inches	Inches	Inches
2	24	24.188	5.5	13.188	24.488
2.5	30	30.000	5.5	19.000	30.300
3	36	36.000	5.5	25.000	36.300
4	48	48.000	5.5	37.000	48.300
5	60	60.000	5.5	49.000	60.300
6	72	72.000	5.5	61.000	72.300
7	84	84.000	5.5	73.000	84.300
7.5	90	90.000	5.5	79.000	90.300
8	96	96.000	5.5	85.000	96.300



REGRESS FINISH



Gold regressed finish improves visual comfort by providing a soft, luxurious glow at the fixture level. Regress finish also available in Black, Aluminium or White.

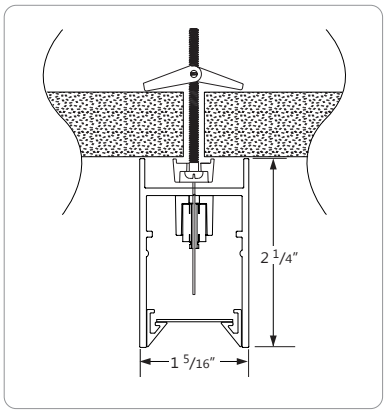
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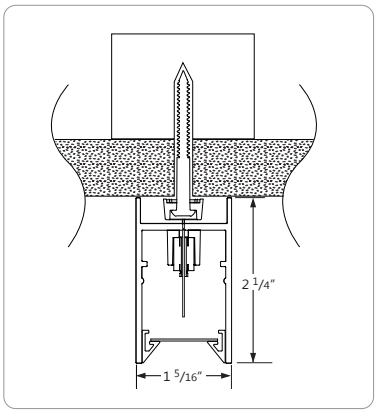
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● SURFACE MOUNTING OPTIONS

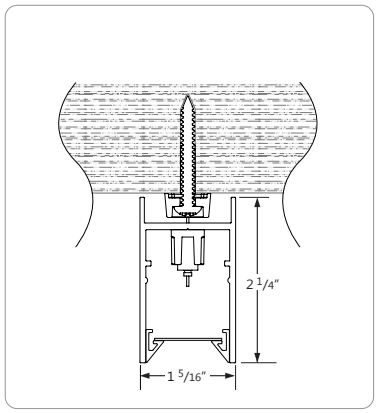
DRYWALL CEILING



S SURFACE DRYWALL CEILING

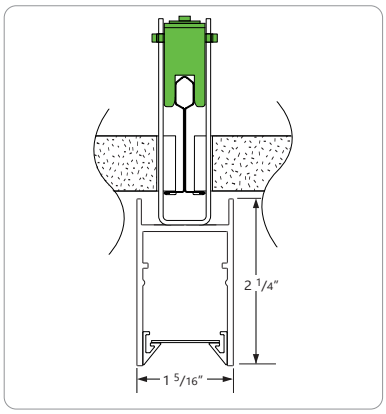


SC SURFACE DRYWALL THROUGH STUD

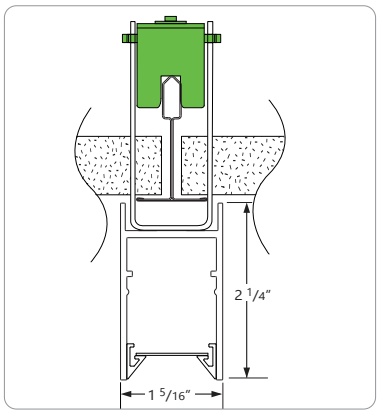


SC SURFACE SOLID CEILING

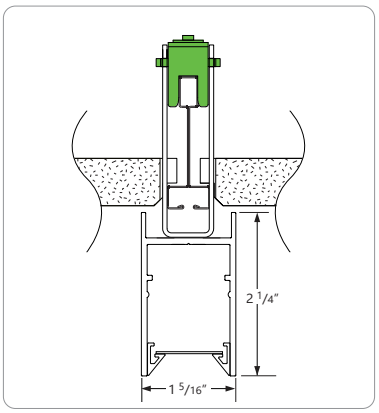
T-BAR CEILING



SB9 SURFACE 9/16" T-BAR - ON-GRID

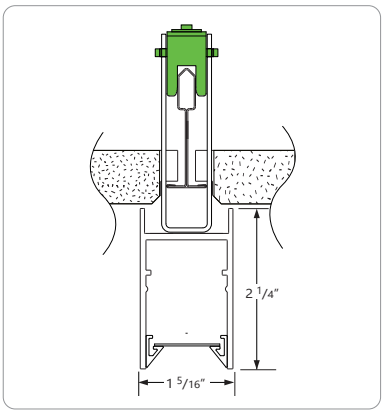


SB15 SURFACE 15/16" T-BAR - ON-GRID

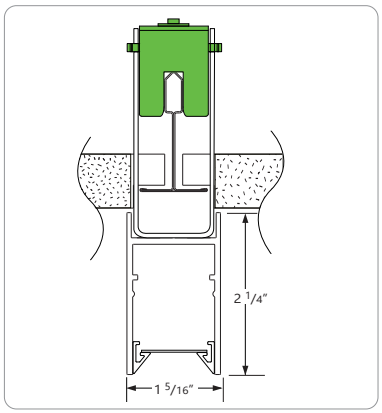


SBS SURFACE SCREW SLOT T-BAR

TEGULAR CEILING

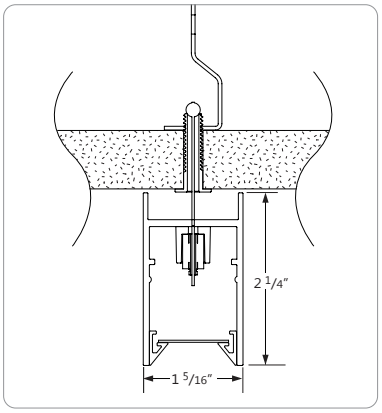


SG9 SURFACE TEGULAR 9/16 - ON-GRID



SG15 SURFACE TEGULAR 15/16 - ON-GRID

T-BAR AND TEGULAR CEILING



SG9/SG15 **SB9/SB15** SURFACE TEGULAR / T-BAR - OFF-GRID

ℹ Shown with spotless lens shealding option.

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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 3.0–step MacAdam ellipse).
LED life	Minimum 50,000h with 85% of lumen maintenance in 25^{0}C ambient temperature, in compliance with IES LM-80 testing measurements.
Thermal Management	Aluminum housing acting as the heat sink to maximize life.
Performance	Up to 108 lm/W.

CONSTRUCTION

Housing	Extruded aluminum (0.070'' nominal)
End Cap+Joiner	Die cast aluminum
Reflectors	Extruded acrylic
Lenses	Extruded acrylic
Suspension	1/32" Aircraft cable
Cable Grips	Quick Connecting / Release

ELECTRICAL

DP driver	STENCIL SURFACE features integral 0-10V driver 1% dimming standard. The integral 0-10V driver is the only driver available.
Power over Ethernet POE drivers* (consult factory for more information) UL2108 certified for integral or remote driver	MOLEX IGOR SMARTENGINE **O** - Other (Consult factory)
Emergency	Remote emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, UNV, 347V

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

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.

APPROVALS

Certified to UL and CSA standards
Suitable for damp locations.

STENCIL SURFACE SEGMENTS

STENCIL SURFACE lit segments are available in lengths of 2' to 8' in one foot increments. Unlit blank segments are available in any length from 7" to 8'. Segments exceeding 8' in length are comprised of a combination of lengths to be assembled on site with an Inline Hub. Minimum blank segment length for one Accent is 3'.
For more information on systems and joining, please refer to the STENCIL SURFACE installation sheets available for download at www.axislighting.com.

LIGHT GUIDE

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

FINISH

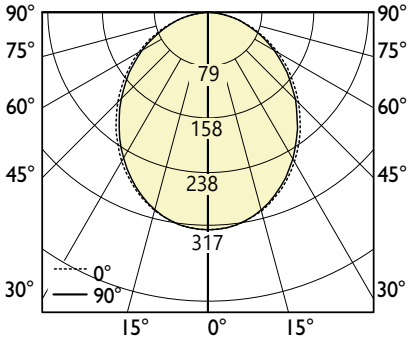
Powder coated and custom finishes are also available.

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PHOTOMETRIC DATA - DIRECT

Spotless Lens
200 lm/ft

PHOTOMETRIC CURVE



CANDELA DISTRIBUTION

	Horizontal Angles				
Vertical Angle	0	22.5	45	67.5	90
0	317	317	317	317	317
5	315	315	315	315	315
15	299	299	299	298	298
25	270	270	268	267	266
35	231	231	228	226	225
45	187	186	183	180	179
55	140	140	137	134	133
65	94	94	92	90	89
75	48	49	49	48	47
85	12	12	12	11	11
90	1	1	1	1	1

ZONAL LUMENS

	Lumens
Zone	
0	
0-10	30
10-20	84
20-30	123
30-40	143
40-50	141
50-60	123
60-70	91
70-80	51
80-90	14
90	

LUMINANCE DATA (cd/m²)

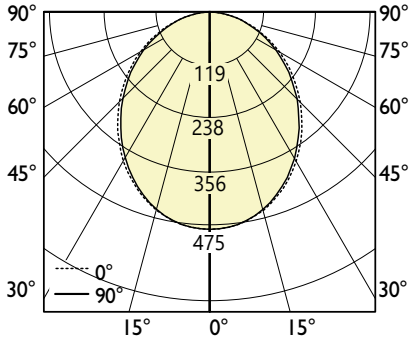
	Horizontal Angles		
Vertical Angle	0	45	90
45	7985	7851	7675
55	7389	7239	7033
65	6701	6567	6363
75	5668	5694	5514
85	4079	4203	3874

Direct Output: 200 lm/ft
Total Lumens: 800 lm (for 4ft)
Input Watts: 9.1 W
Efficacy: 88 lm/W

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

Spotless Lens
300 lm/ft

PHOTOMETRIC CURVE



CANDELA DISTRIBUTION

	Horizontal Angles				
Vertical Angle	0	22.5	45	67.5	90
0	475	475	475	475	475
5	472	472	472	472	472
15	449	449	448	447	447
25	405	405	403	400	399
35	346	346	342	338	337
45	280	280	275	271	269
55	210	210	206	202	200
65	140	140	138	135	133
75	73	74	73	72	71
85	18	18	18	17	17
90	1	1	1	1	1

ZONAL LUMENS

	Lumens
Zone	
0	
0-10	45
10-20	126
20-30	185
30-40	214
40-50	212
50-60	184
60-70	136
70-80	77
80-90	21
90	

LUMINANCE DATA (cd/m²)

	Horizontal Angles		
Vertical Angle	0	45	90
45	11978	11776	11513
55	11084	10859	10550
65	10051	9851	9544
75	8502	8542	8271
85	6118	6304	5810

Direct Output: 300 lm/ft
Total Lumens: 1200 lm (for 4ft)
Input Watts: 12.6 W
Efficacy: 95 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.
IES FILE: STSLF-SO-300-80-35-4.IES
TESTED ACCORDING TO IES LM-79-2008

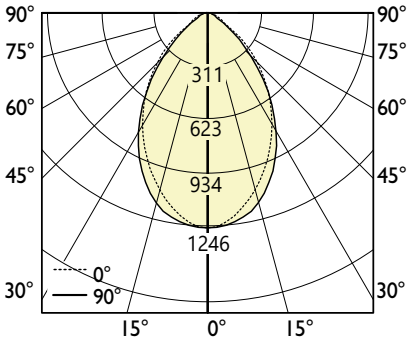
All IES files are available for download at: www.axislighting.com

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● *PHOTOMETRIC DATA - DIRECT*

Spotless Lens
400 lm/ft

PHOTOMETRIC CURVE



CANDELA DISTRIBUTION

	Horizontal Angles				
Vertical Angle	0	22.5	45	67.5	90
0	633	633	633	633	633
5	630	629	630	630	630
15	598	598	598	597	596
25	540	540	537	533	532
35	462	461	456	451	449
45	373	373	367	361	359
55	280	280	275	269	267
65	187	187	183	179	178
75	97	98	97	95	94
85	24	25	24	23	22
90	1	1	1	1	1

ZONAL LUMENS

	Lumens
Zone	
0	
0-10	60
10-20	168
20-30	247
30-40	285
40-50	283
50-60	245
60-70	181
70-80	103
80-90	28
90	

LUMINANCE DATA (cd/m²)

	Horizontal Angles		
Vertical Angle	0	45	90
45	15971	15701	15351
55	14778	14479	14067
65	13401	13134	12725
75	11335	11389	11028
85	8157	8405	7747

Direct Output: 400 lm/ft
Total Lumens: 1600 lm (for 4ft)
Input Watts: 16.3 W
Efficacy: 98 lm/W

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

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