

SideStep | Pendant



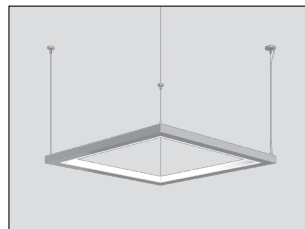
1'x4'



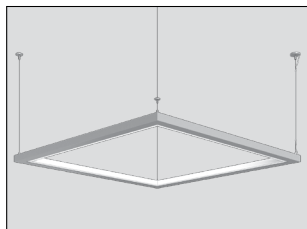
2'x2'



2'x4'



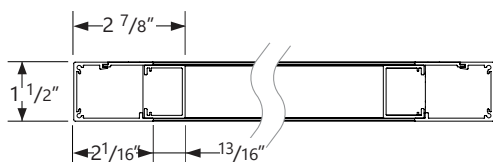
3'x3'



4'x4'



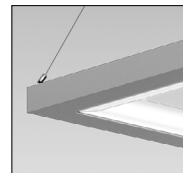
8'x4'



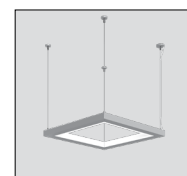
Project _____

Type _____

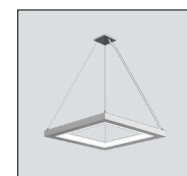
Notes _____



SHIELDING
FROSTED ACRYLIC SPOTLESS LENS



RS Regular suspension



SM Square monopoint

CABLE MOUNTING TYPE



Ordering Guide

SCSS											
PRODUCT ID		NOM.LUMENS/FT		CRI		COLOR TEMP. (choose one)		SHIELDING			
SCSS	SideStep Pendant	300	300 lm/ft - Minimum	80	80 CRI	27	2700 K	TW2750	2700-5000 K - Tunable White	UB	Ultra blend lens
		500	500 lm/ft - Maximum	90	90 CRI*	30	3000 K	TW2765	2700-6500 K - Tunable White		
						35	3500 K	BTW3527	3500-2700 K - Tunable BIOS		
						40	4000 K	BTW4027	4000-2700 K - Tunable BIOS		
						B30	3000 K - BIOS*				
						B35	3500 K - BIOS*				
						B40	4000 K - BIOS*				
		Outputs between listed min and max are available. Consult factory for outputs outside of the listed range. Consult factory for max output with BIOS		* Not available with BIOS.		Consult Axitune technical sheet for more information of color technology. *Consult BIOS guide for more information on BIOS technology					

KIT LENGTH	FINISH	VOLTAGE	DRIVER	CIRCUITS	MOUNTING/SUSPENSION
1x4 1'x4'	AP aluminum	120 120 V	DP dimming (0-10V) 1%	1 1 circuit	CA(#) drywall+cable length (36" std.)
2x2 2'x2'	paint	277 277 V	LT lutron	2 2 circuits	CT9(#) TB/TG 9/16+cable length (36" std.)
2x4 2'x4'	W white	347 347 V	BI bi-level dimming	+E(#) emergency section*	CT15(#) TB/TG15/16+cable length (36" std.)
3x3 3'x3'	BLK black	UNV universal	O(#) other**	+NL(#) night light section*	CTS(#) screw slot+cable length (36" std.)
4x4 4'x4'	C custom	DC low voltage*	DPB(STC) dimming (0-10V) 1% with BIOS*	+GTD(#) generator transfer device*	SA(#) drywall+stem length >48" (18" std.)*
8INx4 8'x4'			DPB(DYN) Bio-dimming™ 100%-81% with BIOS*		CASL(#) drywall cable sloped ceiling
			TW(#) tunable white drivers*		SASL(#) drywall stem sloped ceiling*
			POE(#) POE drivers*		+SM seismic kit
For other kits please consult factory.		*Only available with POE drivers.	*See page 2 to specify system, **Consult factory; see page 2	* Specify quantity	See Mounting kit guide for full specification code. Specify length *For stem option, please consult factory.

CABLE MOUNTING TYPE	CANOPY	BATTERY (OPTIONAL)	OTHER (OPTIONAL)	IC CONTROLS (OPTIONAL)	CUSTOM (OPTIONAL)
RS Regular suspension	SC Square canopy	BR(#) Remote battery pack	FW flex whip (6' std)	DS(#) remote daylight sensor*	C custom
SM Square monopoint*	RC Round canopy			OS(#) remote occupancy sensor*	
				DOS(#) remote daylight & occupancy sensor*	
				EN(#) Enlighted integral	
				ENR(#) Enlighted remote*	
				WC(#) wireless control dimming	
See example above for more details * Available only for 2'x2' and 3'x3'		White canopy standard	Remote only; Not available with 347V Please consult factory	Other lengths available; please consult factory.	Please specify
				*Remote only Not available with Tunable White. Consult factory for Tunable White. Not available with DPB (DYN) driver for BIOS with Dynamic Spectrum. See integrated controls guide for more information.	

ELECTRICAL

Lutron driver	LDE1 - Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black
Other drivers**	DALI - Digital Addressable Lighting Interface DMX - Digital Multiplex Xitanium SR - For wireless sensor
BIOS DPB drivers*	STC - BIOS control 0-10V with static spectrum and BIOS SkyBlue enabled from 100% to 1%. DYN - BIOS control 0-10V with dynamic spectrum and BIOS SkyBlue® with Bio-Dimming™, which changes spectral qualities by removing the SkyBlue component when dimming from 100% to 81%, while light output remains relatively constant; bio-dimming reduces CCT to 2700K. Dimming from 80% to 1% will then reduce light output.
Tunable White TW drivers*	DALIDT6 - DALI Type 6 (Two DALI Addresses) DALIDT8 - DALI Type 8 (One DALI Address)
Power over Ethernet POE drivers* 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, 347V, UNV, DC.
Flex Whip	Shipped in a separate box for contractors to install

*Choose driver from available options.

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.
CRI BIOS	Minimum 80 color rendering index with R9>75 for all CCTs.
CCT Single Color	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.
CCT BIOS	BIOS Static (STC) Choice of 3000K, 3500K and 4000K. BIOS SkyBlue® Dynamic (DYN) Choice of 3000K, 3500K, and 4000K with Bio-Dimming™ BIOS Tunable White (BTW) Choice of 4000-2700K and 3500-2700K; does not use a bio-dimmer, it uses TW drivers, which allow independent control of CCT and intensity; e.g., BTW4027 provides combined SkyBlue + white light at 4000K, SkyBlue is removed at 2700K. Light output can be adjusted for each CCT. Consult BIOS guide for more information on BIOS technology.
CCT Axitune Systems	Consult Axitune technical sheet for more information on color technology.
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 for indoor use only in operating ambient temperatures of 0-40°C (32-104°F).

● CONSTRUCTION

Housing	Extruded aluminum (0.080" nominal) up to
Interior Brackets	16 gauge aluminum
Reflectors	White powder coated extruded aluminum
Lenses	Extruded acrylic (0.075" nominal)
Hanger	Die cast aluminum
Suspension	Aircraft cable
Cable Grips	Quick connecting / release

● SYSTEM (S#)

For custom shapes, please consult factory.

● FINISH

Aluminum paint, powder coated and custom finishes are also available.

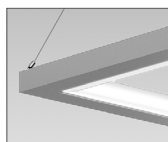
● WEIGHT

8IN x 4 ft	10 lbs / 4.5 kg
2 x 2 ft	8 lbs / 3.6 kg
2 x 4 ft	12 lbs / 5.4 kg
4 x 4 ft	16 lbs / 7.2 kg

● 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.

● SHIELDING - Frosted acrylic ultra blend lens



UB Ultra blend lens

● CORNERS

- Mitered and welded aluminum corners;
- Mitered and UV welded lit corners.

i Specification sheets and installation sheets for SCULPT luminaires are available for download at www.axislighting.com

● APPROVALS

Certified to UL and CSA standards
Suitable for damp locations.

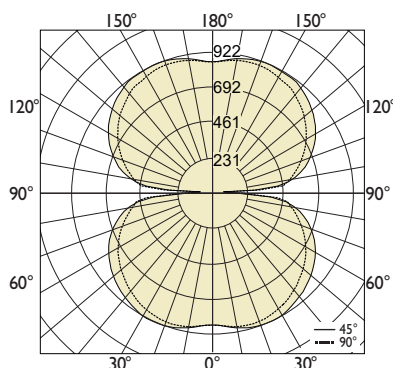


● PHOTOMETRIC DATA

4'x4', 500 lm



PHOTOMETRIC CURVE



Total Lumens: 8757 (4x4)

Input Watts: 72.28 W

Efficacy: 121 lm/W

IES FILE: SCSS-500-80-30-SP-4X4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	862	862	862	862	862
5	868	870	872	872	870
15	892	904	910	904	892
25	888	912	922	910	884
35	852	886	902	886	852
45	798	840	862	846	800
55	736	786	808	792	740
65	654	706	734	714	660
75	560	602	620	610	566
85	422	400	382	400	428
90	82	78	74	82	86
95	458	442	428	448	464
105	562	610	626	614	572
115	654	710	734	716	664
125	732	788	812	794	744
135	798	846	868	848	804
145	846	882	900	884	850
155	870	894	906	892	872
165	876	886	892	884	874
175	856	856	856	852	852
180	844	844	844	844	844

ZONAL LUMENS

Zone	Lumens
0	
0-10	84
10-20	256
20-30	419
30-40	553
40-50	648
50-60	699
60-70	696
70-80	631
80-90	375
90	421
90-100	635
100-110	697
110-120	701
120-130	650
130-140	550
140-150	412
150-160	251
160-170	82
170-180	89
180	

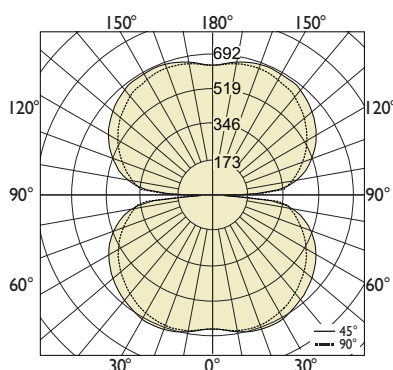
LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	21765	21958	21820
55	23061	23140	23187
65	24966	24866	25195
75	28455	26699	28760
85	33581	23552	34059

3'x3', 500 lm



PHOTOMETRIC CURVE



Total Lumens: 6568 (3x3)

Input Watts: 54.21 W

Efficacy: 121 lm/W

IES FILE: SCSS-500-80-30-SP-3X3.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	647	647	647	647	647
5	651	653	654	654	653
15	669	678	683	678	669
25	666	684	692	683	663
35	639	665	677	665	639
45	599	630	647	635	600
55	552	590	606	594	555
65	491	530	551	536	495
75	420	452	465	458	425
85	317	300	287	300	321
90	62	59	56	62	65
95	344	332	321	336	348
105	422	458	470	461	429
115	491	533	551	537	498
125	549	591	609	596	558
135	599	635	651	636	603
145	635	662	675	663	638
155	653	671	680	669	654
165	657	665	669	663	656
175	642	642	642	639	639
180	633	633	633	633	633

ZONAL LUMENS

Zone	Lumens
0	
0-10	63
10-20	192
20-30	314
30-40	415
40-50	486
50-60	524
60-70	522
70-80	473
80-90	281
90	316
90-100	476
100-110	523
110-120	526
120-130	488
130-140	413
140-150	309
150-160	188
160-170	62
170-180	89
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	16324	16468	16365
55	17296	17355	17390
65	18725	18649	18897
75	21342	20024	21570
85	25186	17664	25544

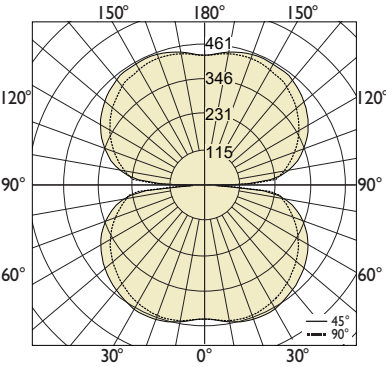
❗ All IES files for other lamping are available for download at: www.axislighting.com

● PHOTOMETRIC DATA

2'x2', 500 lm



PHOTOMETRIC CURVE



Total Lumens: 4379 (2x2)
Input Watts: 36.14 W
Efficacy: 121 lm/W

IES FILE: SCSS-500-80-30-SP-2X2.IES
TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION					
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	431	431	431	431	431
5	434	435	436	436	435
15	446	452	455	452	446
25	444	456	461	455	442
35	426	443	451	443	426
45	399	420	431	423	400
55	368	393	404	396	370
65	327	353	367	357	330
75	280	301	310	305	283
85	211	200	191	200	214
90	41	39	37	41	43
95	229	221	214	224	232
105	281	305	313	307	286
115	327	355	367	358	332
125	366	394	406	397	372
135	399	423	434	424	402
145	423	441	450	442	425
155	435	447	453	446	436
165	438	443	446	442	437
175	428	428	428	426	426
180	422	422	422	422	422

ZONAL LUMENS	
Zone	Lumens
0	
0-10	42
10-20	128
20-30	210
30-40	276
40-50	324
50-60	349
60-70	348
70-80	315
80-90	187
90	211
90-100	318
100-110	349
110-120	350
120-130	325
130-140	275
140-150	206
150-160	125
160-170	41
170-180	89
180	

LUMINANCE DATA (cd/m²)			
Vertical Angle	Horizontal Angles		
	0	45	90
45	10882	10979	10910
55	11531	11570	11593
65	12483	12433	12598
75	14228	13350	14380
85	16791	11776	17029

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