

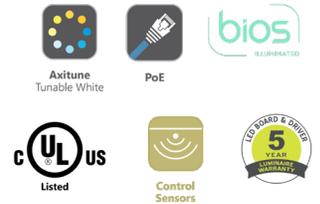
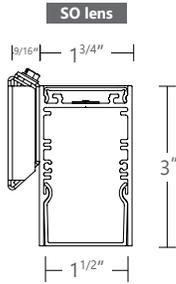


SO lens shown

Project \_\_\_\_\_

Type \_\_\_\_\_

Notes \_\_\_\_\_



### Ordering Guide

SCWI	PRODUCT ID	NOM. LUMENS/FT UP	CRI	COLOR TEMP. (choose one)	SHIELDING UP	
SCWI	Wall Indirect	300 300 lm/ft - Minimum 1000 1000 lm/ft - Maximum	80 80 CRI 90 90 CRI*	27 2700 K 30 3000 K 35 3500 K 40 4000 K B30 3000 K - BIOS* B35 3500 K - BIOS* B40 4000 K - BIOS*	TW2750 2700-5000 K - Tunable White TW2765 2700-6500 K - Tunable White BTW3527 3500-2700 K - Tunable BIOS BTW4027 4000-2700 K - Tunable BIOS	SO spotless lens* BW batwing lens*
Outputs between listed min and max are available. Consult factory for outputs outside of the listed range. Available in luminaires with Axitone and BIOS but downlight modules will not be tunable white or BIOS LEDs			* Not available with BIOS.	<a href="#">Consult Axitone technical sheet for more information of color technology.</a> <a href="#">*Consult BIOS guide for more information on BIOS technology</a>	*Blank extrusion on direct	

LINEAR LENGTH	FINISH	VOLTAGE	DRIVER	CIRCUITS
# 2 ft - 12 ft continuous length S(L) System Run	AP aluminum paint W white BLK black C custom	120 120 V 277 277 V 347 347 V UNV universal DC low voltage*	DP dimming (0-10V) 1% LT lutron BI bi-level dimming O(#) other** DPB(STC) dimming (0-10V) 1% with BIOS* DPB(DYN) Bio-dimming™ 100%-81% with BIOS* TW(#) tunable white drivers* POE(#) POE drivers*	1 1 circuit* 2 2 circuits** +E(#) emergency section*** +NL(#) night light section*** +GTD(#) generator transfer device***
SCULPT accommodates any length. Metric lengths also available, please consult factory.		* Only available with POE drivers.	*See page 2 to specify system **Please consult factory; see page 2	*Control UP & DOWN lights together **Control UP & DOWN lights separately. Minimum 3 ft length. ***Specify quantity

BATTERY (OPTIONAL)	OTHER (OPTIONAL)	IC CONTROLS (OPTIONAL)	CUSTOM (OPTIONAL)
B(#) battery pack	FW flex whip (6' std)	DS(#) daylight sensor* OS(#) occupancy sensor* DOS(#) daylight & occupancy sensor* EN(#) Enlighted integral* ENR(#) Enlighted remote** WC(#) wireless control dimming	C custom
4' minimum. For lengths under 4' battery pack is remote only. Not available with 347V. Please consult factory	Other lengths available; please consult factory.	*For flush option only. Please consult factory. **Please consult factory. Specify quantity. Requires 7" blank. <a href="#">See integrated controls guide for more details.</a> Consult factory for Tunable White. Not available with DPB (DYN) driver for BIOS with Dynamic Spectrum.	Please specify

## ● ELECTRICAL

<b>Lutron driver</b>	LDE1 - Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black
<b>Other drivers**</b>	DALI - Digital Addressable Lighting Interface DMX - Digital Multiplex Xitanium SR - For wireless sensor
<b>BIOS DPB drivers*</b>	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.
<b>Tunable White TW drivers*</b>	DALIDT6 - DALI Type 6 (Two DALI Addresses) DALIDT8 - DALI Type 8 (One DALI Address)
<b>Power over Ethernet POE drivers*</b>	MOLEX IGOR SMARTENGINE O - Other (Consult factory)
<b>Emergency</b>	UL2108 certified for integral or remote driver Integral emergency battery pack or emergency circuit optional.
<b>Input Voltage</b>	120V, 277V, 347V, UNV, DC.
<b>Flex Whip</b>	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

<b>CRI</b>	Minimum 80 or 90 color rendering index.
<b>CRI BIOS</b>	Minimum 80 color rendering index with R9>75 for all CCTs.
<b>CCT Single Color</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>CCT BIOS</b>	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. <a href="#">Consult BIOS guide for more information on BIOS technology.</a>
<b>CCT Axitune Systems</b>	<a href="#">Consult Axitune technical sheet for more information on color technology.</a>
<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).

### ● CONSTRUCTION

<b>Housing</b>	Extruded aluminum (0.080" nominal) up to
<b>End Cap</b>	Die cast aluminum
<b>Interior Brackets</b>	Die formed sheet steel (20 gauge)
<b>Reflectors</b>	White powder coated sheet steel (22 gauge)
<b>Lenses</b>	Extruded acrylic (0.060" nominal) - injection moulded
<b>Hanger</b>	Die cast aluminum
<b>Suspension</b>	Sliding aircraft cable along product length
<b>Cable Grips</b>	Quick connecting / release

### ● FINISH

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

### ● WEIGHT

<b>Wall Direct/Indirect 4 ft</b>	7 lbs / 3.2 kg
<b>Wall Direct/Indirect 8 ft</b>	14 lbs / 6.4 kg
<b>Wall Direct/Indirect 12 ft</b>	21 lbs / 9.5 kg

### ● APPROVALS

Certified to UL and CSA standards  
Suitable for damp locations.



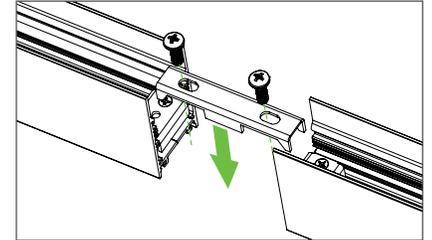
### ● WARRANTY

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).

### ● JOINERS

In order to allow very long runs of SCULPT luminaires, Axis has developed an effective joining system. Special care has been taken to maximize the performance of the joiner for each SCULPT option.

**NOTE:** Mount each system segment individually. Do not assemble system prior to mounting.



**i** Allow a minimum of 6" between end of long runs and vertical wall

### ● SYSTEM (S#)

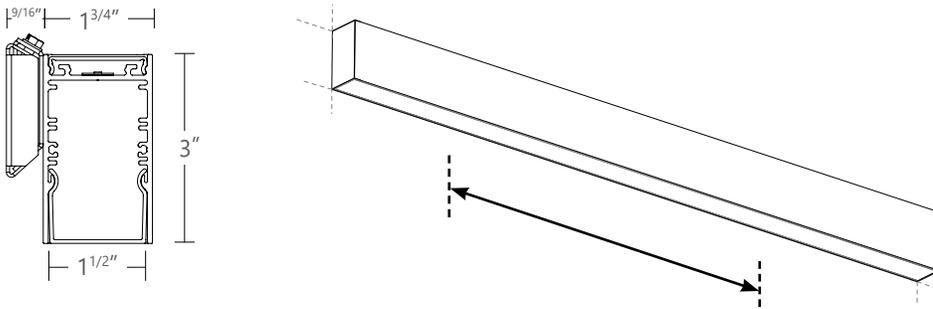
SCULPT linear systems, with the use of a strong profile, allow for a nearly hair thin connection system of continuous runs. Lengths of 4', 8', 12' as well as custom lengths are available. Runs of SCULPT that are greater than 12' in length are designated as systems (S#). This means that the run is comprised of a combination of 4', 8' and/or 12' sections to be assembled on site using our joining system. For more information on systems and joining.

### ● OTHER MOUNTING OPTIONS

SCULPT LED is also available with surface recessed, pendant and recessed vertical mounted options.

**i** Specification sheets and installation sheets for all mounting for SCULPT luminaires are available for download at [www.axislighting.com](http://www.axislighting.com)

### ● MOUNTING SPACING

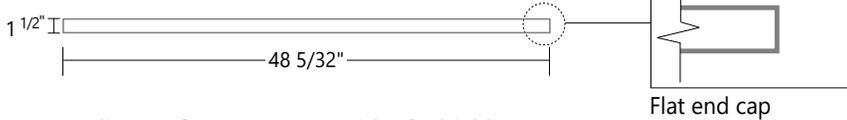


**SCULPT 4'** (32" C.C.)  
**SCULPT 8'** (80" C.C.)  
**SCULPT 12'** (128" C.C.)

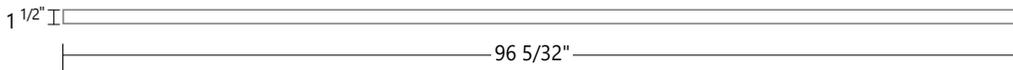
**NOTE:** Use stud if possible for mounting

### ● NOMINAL LENGTHS (Please see shopdrawing for exact lengths)

#### SCULPT linear 4ft (with 4ft shielding)



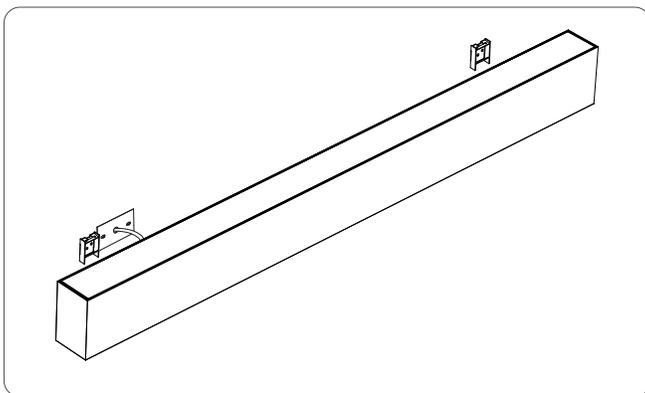
#### SCULPT linear 8ft Continuous (with 8ft shielding)



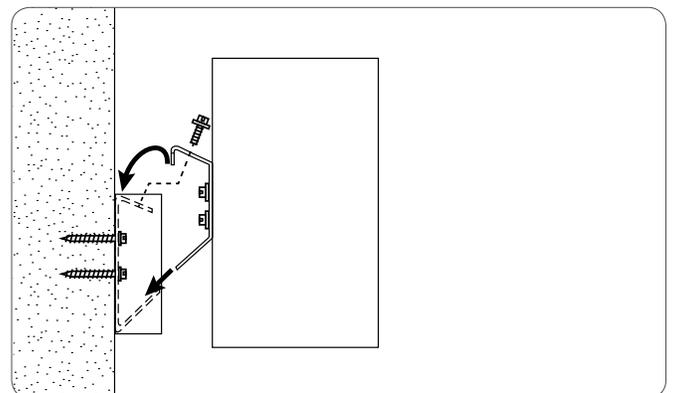
#### SCULPT linear 12ft (with 4ft shielding)



### ● MOUNTING DETAILS



**MOUNTING BRACKETS**



**SIDE VIEW**

### ● OTHER MOUNTING OPTIONS

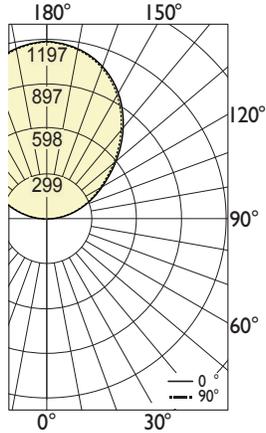
SCULPT LED is also available with surface, recessed, pendant and recessed vertical mounted options.

**i** Specification sheets and installation sheets for all mounting for SCULPT luminaires are available for download at [www.axislighting.com](http://www.axislighting.com)

### ● PHOTOMETRIC DATA

Uplight  
750 lm/ft

#### PHOTOMETRIC CURVE



**Lumen/ft up: 750 lm/ft**  
**Total Lumens: 3000 lm (for 4ft)**  
**Input Watts: 25.4 W**  
**Efficacy: 118 lm/W**

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.  
 IES FILE:SCI-B4-750-80-35-NO-4-W-UNV-D-1.IES

TESTED ACCORDING TO IES LM-79-2008

#### CANDELA DISTRIBUTION

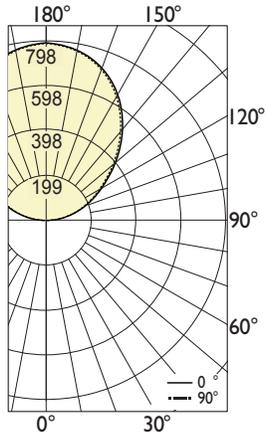
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
90	0	0	0	0	0
95	37	40	45	47	47
105	171	171	172	170	168
115	334	332	328	327	322
125	514	514	507	503	497
135	705	705	698	691	686
145	885	883	877	870	866
155	1030	1031	1027	1019	1017
165	1132	1131	1133	1131	1130
175	1185	1191	1187	1183	1181
180	1193	1193	1193	1193	1193

#### ZONAL LUMENS

Zone	Lumens
90	
90-100	50
100-110	181
110-120	326
120-130	454
130-140	537
140-150	548
150-160	472
160-170	319
170-180	113
180	

Uplight  
500 lm/ft

#### PHOTOMETRIC CURVE



**Lumen/ft up: 500 lm/ft**  
**Total Lumens: 2000 lm (for 4ft)**  
**Input Watts: 16.7 W**  
**Efficacy: 120 lm/W**

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.  
 IES FILE:SCI-B4-500-80-35-NO-4-W-UNV-D-1.IES

TESTED ACCORDING TO IES LM-79-2008

#### CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
90	0	0	0	0	0
95	25	27	30	32	32
105	114	114	114	113	112
115	223	221	219	218	215
125	343	343	338	335	331
135	470	470	465	461	457
145	590	589	584	580	578
155	686	687	685	680	678
165	754	754	755	754	753
175	790	794	792	788	787
180	795	795	795	795	795

#### ZONAL LUMENS

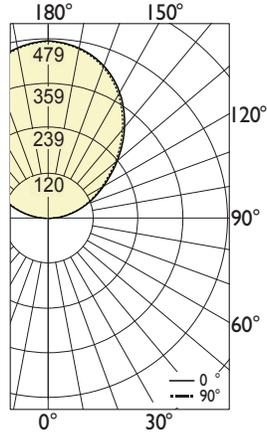
Zone	Lumens
90	
90-100	34
100-110	121
110-120	218
120-130	303
130-140	358
140-150	365
150-160	315
160-170	212
170-180	75
180	

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

### PHOTOMETRIC DATA

Uplight  
300 lm/ft

#### PHOTOMETRIC CURVE



**Lumen/ft up: 300 lm/ft**  
**Total Lumens: 1200 lm (for 4ft)**  
**Input Watts: 9.8 W**  
**Efficacy: 122 lm/W**

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

IES FILE:SCI-B4-300-80-35-NO-4-W-UNV-D-1.IES

TESTED ACCORDING TO IES LM-79-2008

#### CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
90	0	0	0	0	0
95	15	16	18	19	19
105	68	68	69	68	67
115	134	133	131	131	129
125	206	206	203	201	199
135	282	282	279	276	274
145	354	353	351	348	347
155	412	412	411	408	407
165	453	452	453	452	452
175	474	476	475	473	472
180	477	477	477	477	477

#### ZONAL LUMENS

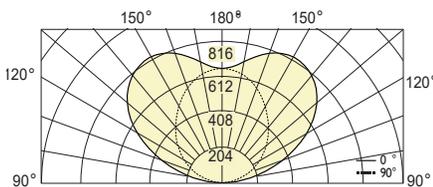
Zone	Lumens
90	
90-100	20
100-110	73
110-120	131
120-130	182
130-140	215
140-150	219
150-160	189
160-170	127
170-180	45
180	

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### PHOTOMETRIC DATA

Uplight  
640 lm/ft

#### PHOTOMETRIC CURVE



**Lumen/ft up: 640 lm/ft**  
**Total Lumens: 2389 lm (for 4ft)**  
**Input Watts: 23.1 W**  
**Efficacy: 103 lm/W**

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

IES FILE:SCI-B4-640-80-35-BW-4-W-UNV-D-1.IES

TESTED ACCORDING TO IES LM-79-2008

#### CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
90	10	12	9	2	1
95	80	78	64	27	24
105	258	252	218	105	107
115	454	445	388	195	199
125	630	613	533	280	283
135	751	727	632	354	367
145	810	783	686	412	449
155	806	779	697	456	532
165	737	720	675	486	602
175	658	656	649	501	640
180	646	646	646	646	646

#### ZONAL LUMENS

Zone	Lumens
90	
90-100	63
100-110	201
110-120	334
120-130	420
130-140	438
140-150	393
150-160	300
160-170	181
170-180	59
180	

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