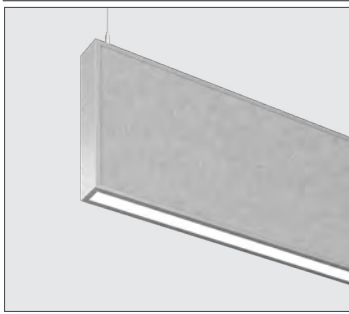
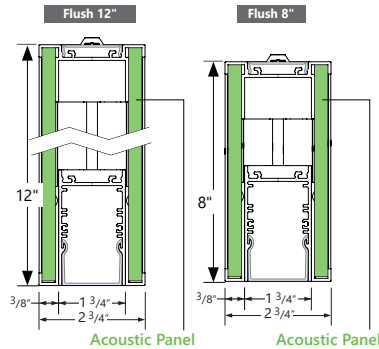




* See page 5 for more information.



*See other shielding options and section views on page 5.

Project _____

Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT AT 3500K

LENS	NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY
SO FLUSH	300 lm/ft	3.25 W/ft	93 lm/W
SO 0.5"	400 lm/ft	4.4 W/ft	91 lm/W
SO 2"	500 lm/ft	5.55 W/ft	90 lm/W

Please consult factory for custom lumen output and wattage.



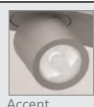
Ordering Guide

SCDSZ									
PRODUCT ID	NOM. LUMENS/FT	CRI	COLOR TEMP. (choose one)				SHIELDING		
SCDSZ Sculpt Direct SoftZone	300 300 lm/ft - Min 500 500 lm/ft - Max	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			FL flush* 0.5M 0.5" StepLens, lum. end cap* 0.5P 0.5" StepLens, opaque end cap* 2M 2" StepLens, lum. end cap* 2P 2" StepLens, opaque end cap* +BL(#) Blank UB Ultra blend lens (flush only)**		
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 Axtune technical sheet for more information of color technology. *Consult BIOS guide for more information on BIOS technology				*Lens options use spotless lens **Default lens for Tunable white and BIOS. Consult factory for other lens.		

LINEAR LENGTH	SOFTZONE ACOUSTIC PANEL HEIGHT	FRAME FINISH	SOFTZONE ACOUSTIC PANEL FINISH												VOLTAGE	
			STANDARD PALETTE				EXTENDED CUSTOM PALETTE*									
3 3'	H8 height 8"	AP aluminum	COT cotton	PUR purple	CUSFRO frost	CUSWHE wheat	CUSCRI crimson	120 120 V								
4 4'	H12 height 12"	paint	TIN tin	OCE ocean	CUSDEN denim	CUSSAC sand castle	CUSMAN maroon	277 277 V								
5 5'		W white	CON concrete	LEM lemon	CUSNAV navy	CUSLEA leather	CUSFIR fire brick	347 347 V								
6 6'		BLK black	SLA slate	LIM lime	CUSPEB pebble	CUSPER peru	CUSIND indigo	UNV universal								
7 7'		C(#) custom*	CAR carbon	BRI brick	CUSSMO smoke	CUSMOS moss	CUSBUR burnt orange	DC low voltage*								
8 8'			SAN sand		CUSAPP apple green	CUSMAR marble										
S(L) system run*			COR cork		CUSOLI olive	CUSMOC moccasin										
			COP copper		CUSEME emerald	CUSGIN ginger ale										
			BAR bark		CUSANC anchor	CUSASP asphalt										
			EAR earth		CUSSHA shadow	CUSFOS fossil										
* SCULPT accommodates any length. Metric lengths also available, please consult factory			See page 3 for more details.					* Extended custom color palette panels available per request. Consult factory for details.							Applies to both UP & DOWN. * Only available with POE drivers.	
* To match your housing finish with selected standard panel colors see suggested codes on page 3. Consult design guide for color inspiration.																

DRIVER	CIRCUITS	MOUNTING/SUSPENSION	BATTERY (OPT.)	OTHER (OPT.)	IC CONTROLS (OPTIONAL)	CUSTOM (OPT.)
DP dimming (0-10V) 1% LT Lutron BI bi-level dimming O(#) other** DPB(#) dimming (0-10V) 1% 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*	CA(#) drywall+ cable length (36" std.) CT9(#) TB/TG 9/16+cable length (36" std.) CT15(#) TB/TG15/16+cable length (36" std.) CTS(#) screw slot+cable length (36" std.) SA(#) drywall+stem length >48" (18" std.)* CASL(#) drywall cable sloped ceiling SASL(#) drywall stem sloped ceiling* +SM seismic kit	B(#) battery pack	FW flex whip (6' std)	DS(#) daylight sensor* OS(#) occupancy sensor* DOS(#) daylight & occupancy sensor* WC(#) wireless control dimming	C custom
*See page 4 to specify system **Please consult factory; see page 4	Minimum 3 ft length. * Specify quantity	See Mounting kit guide for full specification code. Specify length *For stem option, please consult factory.	5' minimum. For lengths under 5' 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. Specify quantity. Requires 7" blank. See integrated controls guide for more details. Consult factory for Tunable White. Not available with DPB (DYN) driver for BIOS with Dynamic Spectrum.	Please specify

See page 2 for MikroLite and Accent Ordering Guide



MikroLite 1.5 (optional)

MikroLite - +MKL(Length, Baffle Type, Cell Optics, Beam Angle, Lumen, Baffle Finish)											
LENGTH		BAFFLE TYPE		CELL OPTICS		BEAM ANGLE		LUMEN OUTPUT		BAFFLE FINISH	
FL	full length - combination of 1, 2, and 8 cell modules (1 cell - 1.5" nominal increments)	LF	lofted baffle	SF	soft beam ¹	D15	15 deg **	200	200 lm/ft min	MB	matte black
		CN	conical baffle	SR	sharp beam ² **	D24	24 deg **	1000	1000 lm/ft max	MW	matte white
		SQ	classic squared baffle*			D38	38 deg			MS	matte silver **
									CG	chrome gold **	
										CB	chrome black **
										CRG	chrome rose gold **
										CS	chrome silver **
										CL	crystal **

1ft - 8 cell Module

See more details on page 4.

* 1 cell increments not available, min 2 cells - 3" nominal increments

** Not available with SQ Classic Squared Baffle

● MIKROLITE BAFFLE TYPE



LF
Lofted baffle



CN
Conical baffle



SQ
Classic Square baffle

● MIKROLITE BAFFLE FINISHES



MW
matte white



MB
matte black



MS
matte silver



MRG
matte rose gold



CG
chrome gold



CL
crystal



CB
chrome black



CS
chrome silver

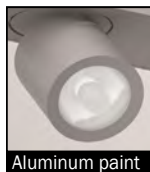


CRG
chrome rose gold

Accent (optional)

ACCENT QTY		BEAM		SHIELDING - for ACCENT (OPTIONAL)		DRIVER - for ACCENT		FINISH	
AC(#)	Accent quantity	D24	24 deg	HX	hexcell	D	dimming (0-10V) 10%	AP	aluminum paint
		D36	36 deg					W	white
		D60	60 deg					BLK	black
		CBS	custom arrangement*						
		*All Accents on a module will have the same beam spread. Consult factory for custom beam spreads arrangements. Final beam spread arrangements will be specified on shop drawings			1/8" extended insert		Applies to both Accent and Sculpt		

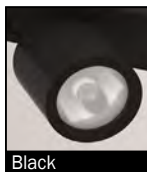
● FINISHES



Aluminum paint

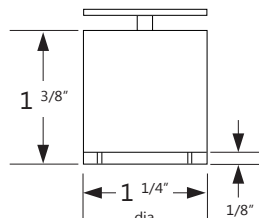


White



Black

● HEXCELL SHIELDING OPTIONS

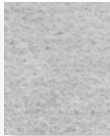
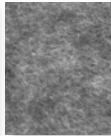
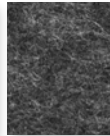
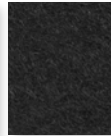
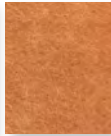
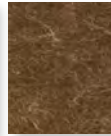
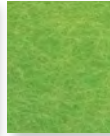


SAFETY NOTE

Although LED Accents operate at cooler temperatures than halogen lamps, it is recommended that gloves be worn when adjusting Accents that have been energized.

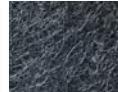
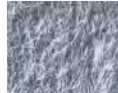
SOFTZONE PANEL COLOR PALETTE

WITH MATCHING HOUSING COLORS

				
C(RAL9003) Matte	C(RAL7047) Glossy	C(RAL7042) Matte	C(RAL7043) Matte	C(RAL9005) Matte
				
C(HS512H1107 1872-L)	C(RAL1011) Glossy	C(RAL8001) Glossy	C(RAL8003) Glossy	C(RAL7006) Glossy
				
C(RAL4005) Glossy	C(RAL5023) Glossy	C(RAL1023) Matte	C(PMS369C/ KD1139 -u/ PS541G868)	C(RAL4002) Glossy

EXTENDED SOFTZONE PANEL COLOR PALETTE

Available per request. Consult factory for details.

				
Frost (CUSFRO)	Denim (CUSDEN)	Navy (CUSNAV)	Pebble (CUSPEB)	Smoke (CUSSMO)
				
Apple Green (CUSAPP)	Olive (CUSOLI)	Emerald (CUSEME)	Anchor (CUSANC)	Shadow (CUSSHA)
				
Wheat (CUSWHE)	Sand Castle (CUSSAC)	Leather (CUSLEA)	Peru (CUSPER)	Moss (CUSMOS)
				
Marble (CUSMAR)	Moccasin (CUSMOC)	Ginger Ale (CUSGIN)	Asphalt (CUSASP)	Fossil (CUSFOS)
				
Crimson (CUSCRI)	Maroon (CUSMAN)	Fire Brick (CUSFIR)	Indigo (CUSIND)	Burnt Orange (CUSBUR)

● CONSTRUCTION

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

● 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™ enabled 100% to 50%, light output dimming from 49% to 1%.
Tunable White TW drivers*	DALIDT6 - DALI Type 6 (Two DALI Addresses) DALIDT8 - DALI Type 8 (One DALI Address) DPTW - two channel 0-10V dimming: one channel for brightness, one channel for CCT. LDTW - Lutron DALI Type 8 (One DALI address) Tunable White series
Power over Ethernet POE drivers*	MOLEX IGOR SMARTENGINE O - Other (Consult factory)
Emergency	Integral emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, 347V, UNV, DC.

*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.

● 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.

● SOFTZONE® WARRANTY

All SoftZone® Acoustic panels are guaranteed for 1 year (warranty period) from date of shipment from our factory. Defective products will be repaired or replaced at the discretion of Axis Lighting provided a written claim is made within the warranty period.

Exclusions of SoftZone® Warranty:

- Normal wear and tear (scratches, direct sunlight, etc.).
- Products that have been modified, improperly installed, used in conditions or for purposes other than which they were intended.

● 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™
	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 (32-104F).

● WEIGHT

Direct/Indirect 4 ft	13.5 lbs / 6.1 kg
Direct/Indirect 8 ft	27 lbs / 12.2 kg

● APPROVALS

Certified to UL and CSA standards.  Suitable for damp locations.

FIRE SAFETY: Class A Fire Rated as per ASTM E84.
Flame Spread Index: 5
Smoke Development Index: 110

● ACOUSTIC PROPERTIES

Consult acoustic report for additional acoustical information.

● CLEANING PROTOCOL

NOTE: Easy to clean. Made from polyester fill with natural anti-microbial properties.



Periodic dusting with vacuum or dry cloth recommended.



For stain removal, use a small amount of soap or detergent on a wet cloth.



For added disinfection, use bleach solution (5 tablespoons per Gallon of water), spray onto surface and gently wipe to spread all over.

● SYSTEM (S(L))

SCULPT SOFTZONE™ linear systems, with the use of a strong profile, allow for a nearly hair thin connection system of continuous runs. Lengths of 4', 8' lengths are available. Runs of SCULPT SOFTZONE™ that are greater than 8' in length are designated as systems (S(L)). This means that the run is comprised of a combination of available stand alone sections to be assembled on site using our joining system.

● FINISH

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

- ❗ Specification sheets and installation sheets for all mounting for SCULPT luminaires are available for download at www.axislighting.com

● SHIELDING

Flush and StepLens

Frosted acrylic Spotless lens

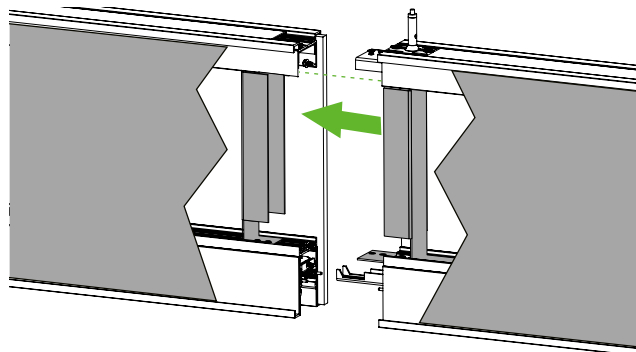
MikroLite

High density composite Polycarbonate shielding and formed aluminum optical system

● JOINERS

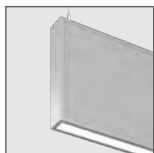
In order to allow very long runs of SCULPT SOFTZONE™ luminaires, Axis has developed an effective joining system. Special care has been taken to maximize the performance of the joiner for each SCULPT SOFTZONE™ option.

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

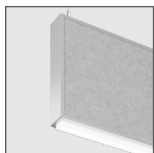


- ❗ Allow a minimum of 6" between end of long runs and vertical wall

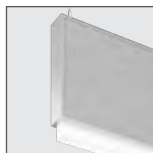
● SHIELDING OPTIONS



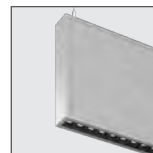
FL flush
UB Ultra blend lens



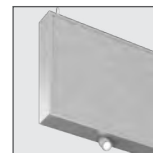
0.5M 0.5" StepLens,
lum. end cap
0.5P 0.5" StepLens,
opaque end cap



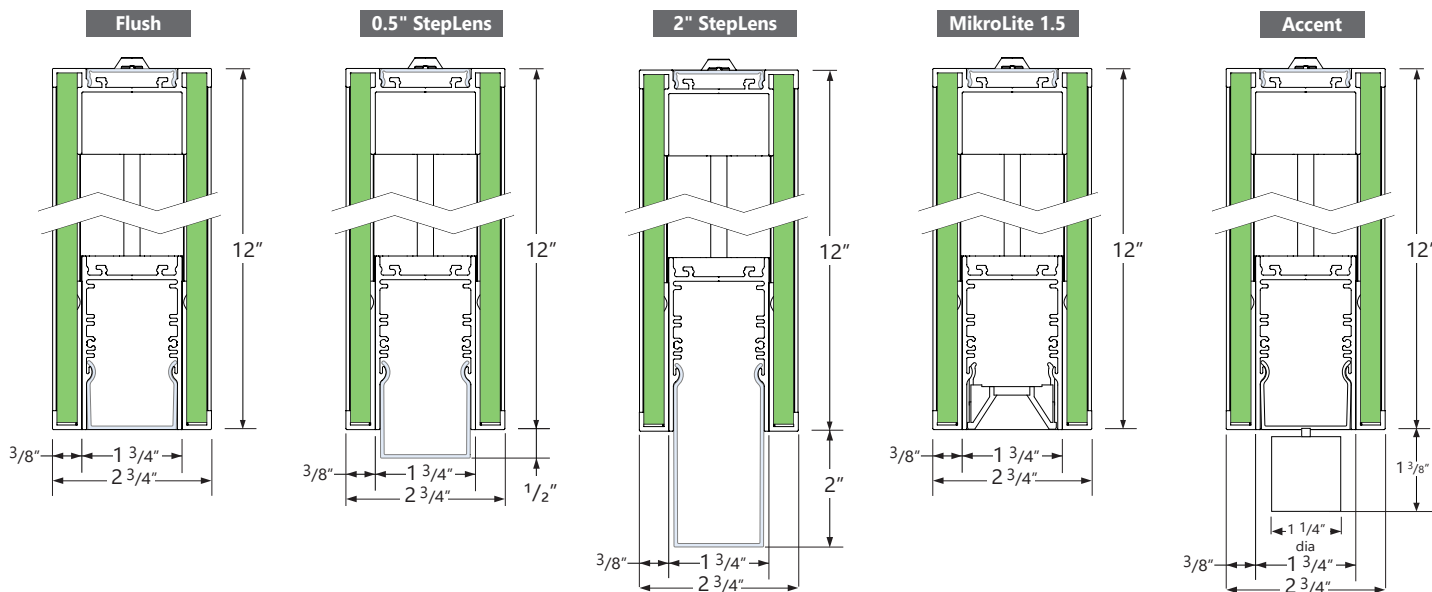
2M 2" StepLens,
lum. end cap
2P 2" StepLens,
opaque end cap



MKL MikroLite 1.5

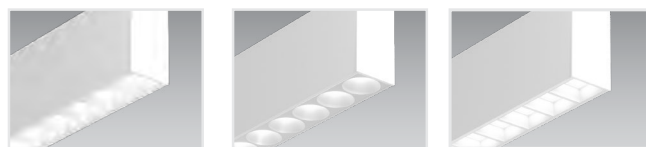


AC accent



Acoustic panels 12" height shown, 8" panels also available.

● MIKROLITE BAFFLE TYPE



LF Lofted baffle
CN Conical baffle
SQ Classic Square baffle

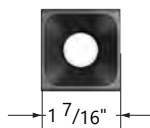
● MIKROLITE BAFFLE FINISHES



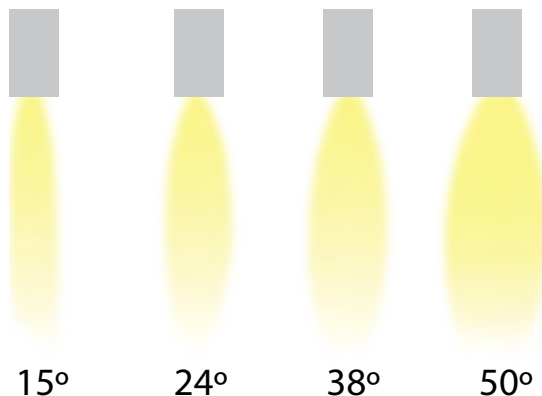
MW matte white
MB matte black
MS matte silver
MRG matte rose gold
CG chrome gold
CL crystal
CB chrome black
CS chrome silver
CRG chrome rose gold

● LENGTH INCREMENTS

1 cell [1.5" (38mm)] nominal length increments available

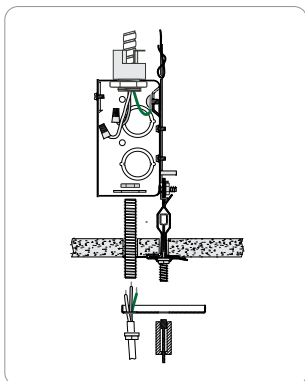


● MIKROLITE BEAM SPREADS

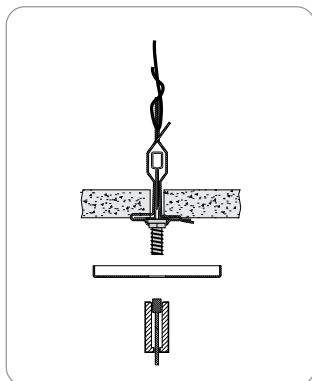


● MOUNTING OPTIONS

CT TILE CEILING - ON GRID

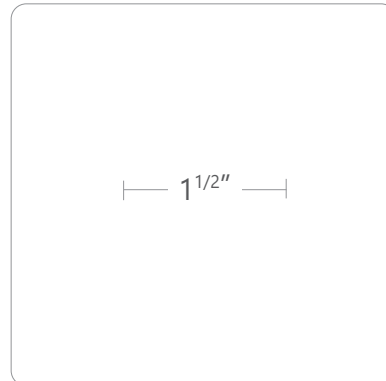


Power feed

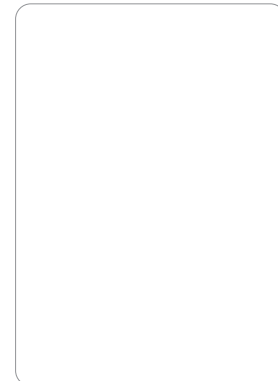


Non power feed

CA DRYWALL CEILING



Power feed



Non power feed

● MOUNTING SPACING END TO END

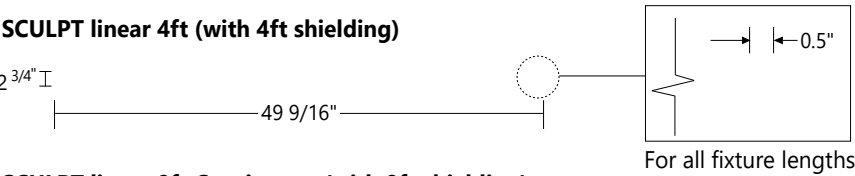
4' (48" C.C.)
8' (94 3/4" C.C.)



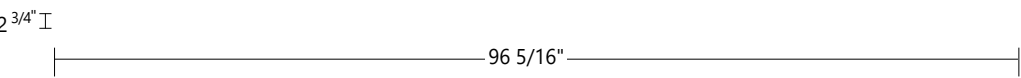
Acoustic Panel

● LENGTHS

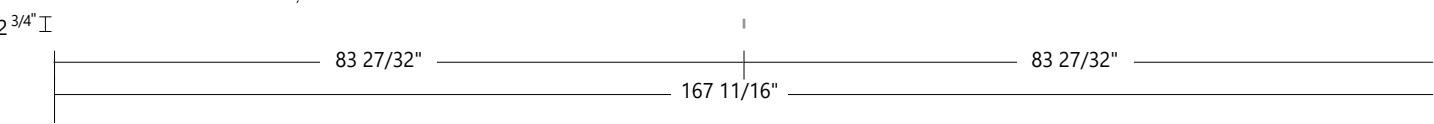
SCULPT linear 4ft (with 4ft shielding)



SCULPT linear 8ft Continuous (with 8ft shielding)



SCULPT linear 14ft Continuous Run



● PHOTOMETRIC DATA

500 lm/ft linear with Flush Lens



PHOTOMETRIC CURVE

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	943	943	943	943	943
5	932	938	934	938	940
15	884	887	872	860	859
25	788	780	750	723	715
35	656	641	599	559	544
45	508	491	446	408	392
55	361	346	310	279	266
65	227	216	193	174	167
75	110	105	96	88	86
85	21	21	23	24	23
90	0	1	3	4	4

ZONAL LUMENS

Zone	Lumens
0	
0-10	89
10-20	245
20-30	345
30-40	375
40-50	346
50-60	280
60-70	194
70-80	103
80-90	27
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	14871	13045	11453
55	13026	11161	9585
65	11088	9429	8163
75	8767	7698	6843
85	4868	5504	5504

Lumen/ft down: 501 lm/ft
 Total Lumens: 2004 lm (for 4ft)
 Input Watts: 22.2 W
 Efficacy: 90 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.
 IES FILE:SCD-500-80-35-F-4-W-UNV-D-1.IES

TESTED ACCORDING TO IES LM-79-2008

500 lm/ft linear with 0.5" StepLens



PHOTOMETRIC CURVE

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	798	798	798	798	798
5	789	793	791	795	798
15	749	756	747	737	736
25	665	665	646	627	621
35	550	552	524	502	490
45	424	425	405	386	379
55	296	307	300	289	283
65	184	202	208	205	199
75	89	113	130	131	127
85	19	45	66	73	71
90	4	26	48	55	54
95	2	23	41	46	46
105	1	18	34	39	39
115	0	11	27	33	34
125	0	7	19	27	28
135	0	4	14	19	21
145	0	1	8	13	15
155	0	0	3	6	8
165	0	0	0	1	2
175	0	0	0	0	0
180	0	0	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	75
10-20	209
20-30	297
30-40	328
40-50	313
50-60	266
60-70	201
70-80	128
80-90	66
90-100	37
100-110	29
110-120	22
120-130	15
130-140	9
140-150	5
150-160	2
160-170	0
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	12278	9680	8467
55	10519	8188	7087
65	8816	6881	5879
75	6869	5638	4734
85	4143	4421	3748

Lumen/ft down: 500 lm/ft
 Total Lumens: 2000 lm (for 4ft)
 Input Watts: 19.9 W
 Efficacy: 101 lm/W

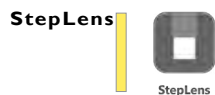
80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.
 IES FILE:SCD-500-80-35-0.5M-4-W-UNV-D-1.IES

TESTED ACCORDING TO IES LM-79-2008

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

● PHOTOMETRIC DATA

500 lm/ft linear with 2"



PHOTOMETRIC CURVE

Lumen/ft down: 500 lm/ft
 Total Lumens: 2002 lm (for 4ft)
 Input Watts: 19.6 W
 Efficacy: 102 lm/W

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

IES FILE:SCD-500-80-35-2M-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
0	534	534	534	534	534
5	526	536	542	550	553
15	496	522	535	542	547
25	437	474	492	501	507
35	358	405	433	451	459
45	273	330	373	400	409
55	194	257	311	340	346
65	125	190	246	271	270
75	66	129	183	198	193
85	22	81	127	134	129
90	10	62	105	110	104
95	8	54	91	95	89
105	6	43	71	74	69
115	3	31	57	62	59
125	2	24	44	52	51
135	1	17	34	40	42
145	1	11	23	31	33
155	0	6	13	21	23
165	0	2	6	9	12
175	0	0	1	1	1
180	0	0	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	52
10-20	149
20-30	223
30-40	266
40-50	279
50-60	264
60-70	224
70-80	170
80-90	115
90-100	79
100-110	60
110-120	45
120-130	33
130-140	22
140-150	13
150-160	6
160-170	2
180	0

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	7661	5574	5181
55	6600	4744	4347
65	5593	3954	3472
75	4518	3206	2617
85	3529	2531	1914

● PHOTOMETRIC DATA FOR MIKROLITE

MikroLite - 3ft
 1000 lm/ft

PHOTOMETRIC CURVE

Direct Output: 1000 lm/ft
 Total Lumens: 3262 lm (for 3ft)
 Input Watts: 32.06 W
 Efficacy: 102 lm/W

IES FILE: SCULPT-1000-90-MIKROLITE-3.IES
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	4306	4306	4306	4306	4306
5	4202	4200	4199	4199	4198
15	3389	3397	3400	3391	3378
25	2162	2164	2149	2161	2151
35	896	969	1060	1016	933
45	266	276	320	285	273
55	81	83	63	84	84
65	1	3	10	3	0
75	0	0	0	0	0
85	0	0	0	0	0
90	0	1	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	391
10-20	940
20-30	985
30-40	626
40-50	238
50-60	74
60-70	9
70-80	0
80-90	0
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	10571	12714	10833
55	3962	3107	4125
65	35	634	0
75	0	0	0
85	0	0	0

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

● PHOTOMETRIC DATA MIKROLITE - CONIC BAFFLE

MikroLite - 4ft - 50 deg
1000 lm/ft

PHOTOMETRIC CURVE

CANDELA DISTRIBUTION					
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	7066	7066	7066	7066	7066
5	6947	6902	6880	6841	6862
15	5519	5404	5364	5265	5298
25	3078	2993	2979	2827	2855
35	673	657	673	609	589
45	91	83	81	73	74
55	13	13	13	13	13
65	10	10	10	10	10
75	5	5	5	5	5
85	2	2	2	1	2
90	1	1	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	642
10-20	1495
20-30	1328
30-40	438
40-50	70
50-60	12
60-70	9
70-80	5
80-90	1
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	2705	2406	2200
55	479	487	482
65	481	484	482
75	444	448	447
85	441	412	374

Conic Baffle, Soft Beam, White Matte Finish.

Direct Output: 1000 lm/ft

Total Lumens: 4001 lm (for 4ft)

Input Watts: 38.7 W

Efficacy: 103 lm/W*

* Efficacy reduces up to 20% with dark baffle finishes.

IES FILE: MKL-4-FL-CN-SF-D50-1000-MW-80-35.ies

TESTED ACCORDING TO IES LM-79-2019

MikroLite - 4ft - 50 deg
1000 lm/ft

PHOTOMETRIC CURVE

CANDELA DISTRIBUTION					
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	6190	6190	6190	6190	6190
5	6017	6009	6022	5995	6008
15	4374	4375	4400	4360	4406
25	2409	2424	2478	2447	2465
35	1019	1026	1065	1041	1052
45	300	305	324	321	327
55	106	105	110	111	115
65	35	35	35	35	35
75	17	17	17	17	17
85	5	5	5	5	5
90	1	1	1	1	1

ZONAL LUMENS

Zone	Lumens
0	
0-10	542
10-20	1170
20-30	1072
30-40	622
40-50	243
50-60	94
60-70	35
70-80	17
80-90	5
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	8960	9680	9774
55	3885	4063	4238
65	1763	1759	1772
75	1403	1399	1425
85	1213	1243	1299

Conic Baffle, Sharp Beam, White Matte Finish.

Direct Output: 950 lm/ft

Total Lumens: 3800 lm (for 4ft)

Input Watts: 37.5 W

Efficacy: 101 lm/W*

* Efficacy reduces up to 20% with dark baffle finishes.

IES FILE: MKL-4-FL-CN-SR-D50-950-MW-80-35.ies

TESTED ACCORDING TO IES LM-79-2019

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

● PHOTOMETRIC DATA MIKROLITE - LOFTED BAFFLE

MikroLite - 4ft - 50 deg
1000 lm/ft

PHOTOMETRIC CURVE

CANDELA DISTRIBUTION					
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	6966	6966	6966	6966	6966
5	6815	6805	6812	6794	6821
15	5426	5347	5339	5265	5286
25	3023	2903	2900	2815	2828
35	674	663	684	632	570
45	102	105	116	91	81
55	7	8	9	8	8
65	4	4	5	5	5
75	3	3	3	3	3
85	1	1	1	1	1
90	1	1	1	0	0

ZONAL LUMENS	
Zone	Lumens
0	
0-10	635
10-20	1484
20-30	1319
30-40	461
40-50	87
50-60	8
60-70	4
70-80	2
80-90	1
90	

LUMINANCE DATA (cd/m²)			
Vertical Angle	Horizontal Angles		
	0	45	90
45	3032	3469	2408
55	260	331	281
65	211	240	247
75	207	233	242
85	242	250	232

Lofted Baffle, Soft Beam, White Matte Finish.

Direct Output: 1000 lm/ft
Total Lumens: 4000 lm (for 4ft)
Input Watts: 38.3 W
Efficacy: 104 lm/W*

* Efficacy reduces up to 20% with dark baffle finishes.

IES FILE: MKL-4-FL-LF-SF-D50-1000-MW-80-35.ies
TESTED ACCORDING TO IES LM-79-2019

MikroLite - 4ft - 50 deg
1000 lm/ft

PHOTOMETRIC CURVE

CANDELA DISTRIBUTION					
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	6545	6545	6545	6545	6545
5	6342	6260	6232	6207	6238
15	4546	4425	4410	4359	4391
25	2493	2435	2438	2370	2379
35	1061	1047	1064	1008	986
45	310	336	396	318	290
55	102	105	112	101	93
65	29	29	30	27	27
75	14	13	13	13	13
85	4	4	4	3	3
90	1	1	1	1	1

ZONAL LUMENS	
Zone	Lumens
0	
0-10	572
10-20	1225
20-30	1115
30-40	663
40-50	279
50-60	98
60-70	31
70-80	14
80-90	4
90	

LUMINANCE DATA (cd/m²)			
Vertical Angle	Horizontal Angles		
	0	45	90
45	9266	11822	8645
55	3743	4133	3428
65	1465	1489	1334
75	1148	1068	1033
85	1029	884	839

Lofted Baffle, Sharp Beam, White Matte Finish.

Direct Output: 1000 lm/ft
Total Lumens: 4000 lm (for 4ft)
Input Watts: 38.0 W
Efficacy: 105 lm/W*

* Efficacy reduces up to 20% with dark baffle finishes.

IES FILE: MKL-4-FL-LF-SR-D50-1000-MW-80-35.ies
TESTED ACCORDING TO IES LM-79-2019

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

MikroLite - 4ft - 50 deg
1000 lm/ft

PHOTOMETRIC CURVE

CANDELA DISTRIBUTION					
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	5048	5048	5048	5048	5048
5	4894	4899	4914	4930	4952
15	3906	3941	4011	4052	4100
25	2397	2443	2521	2585	2641
35	1014	1111	1195	1209	1192
45	291	330	441	370	350
55	128	140	145	152	147
65	48	60	66	67	61
75	26	28	28	31	31
85	5	6	7	9	10
90	1	1	1	1	1

ZONAL LUMENS	
Zone	Lumens
0	
0-10	461
10-20	1127
20-30	1188
30-40	769
40-50	320
50-60	138
60-70	67
70-80	31
80-90	9
90	

LUMINANCE DATA (cd/m²)			
Vertical Angle	Horizontal Angles		
	0	45	90
45	8718	13196	10471
55	4733	5363	5410
65	2418	3305	3077
75	2157	2320	2570
85	1278	1692	2314

Classic Baffle, Soft Beam, White Finish

Direct Output: 1000 lm/ft
Total Lumens: 4111 lm (for 4ft)
Input Watts: 36.3 W
Efficacy: 113 lm/W

IES FILE: SCDMLO-4-1000-80-35-D55-W-ST.IES
TESTED ACCORDING TO IES LM-79-2019

MikroLite - 4ft - 50 deg
1000 lm/ft

PHOTOMETRIC CURVE

CANDELA DISTRIBUTION					
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	5280	5280	5280	5280	5280
5	5152	5150	5149	5150	5147
15	4155	4165	4169	4158	4142
25	2652	2654	2635	2650	2638
35	1099	1188	1300	1246	1144
45	326	338	393	349	335
55	99	102	78	103	103
65	1	4	12	4	0
75	0	0	0	0	0
85	0	0	0	0	0
90	0	1	0	0	0

ZONAL LUMENS	
Zone	Lumens
0	
0-10	479
10-20	1152
20-30	1208
30-40	767
40-50	291
50-60	91
60-70	11
70-80	0
80-90	0
90	

LUMINANCE DATA (cd/m²)			
Vertical Angle	Horizontal Angles		
	0	45	90
45	9614	11563	9852
55	3603	2826	3751
65	32	577	0
75	0	0	0
85	0	0	0

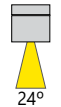
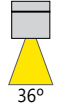
Classic Baffle, Soft Beam, Black Finish

Direct Output: 1000 lm/ft
Total Lumens: 4000 lm (for 4ft)
Input Watts: 39.2 W
Efficacy: 102 lm/W

IES FILE: SCDMLO-4-1000-80-35-D55-BLK-ST.IES
TESTED ACCORDING TO IES LM-79-2019

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

L = Beam Length
W = Beam Width
D = Distance
C = Distance to Center Beam
A = Aiming Angle
FC = Foot Candle

Aiming angle			0° horizontal aiming angle					30° horizontal aiming angle					30° vertical aiming angle					45° vertical aiming angle				
Beam Spread	CBCP	Rated Life (hrs.)	D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W
	2287 cd	50,000 L70	5'	0	83	2.1'	2.1'	2'	2.8'	54	2.9'	2.4'	2'	3.4'	67	3.9'	1.6'	2'	2'	185	1.7'	1.1'
			6'	0	57	2.5'	2.5'	3'	3.4'	37	3.4'	2.9'	3'	5.1'	29	5.8'	2.5'	3'	3'	80	2.6'	1.7'
			7'	0	42	2.9'	2.9'	4'	4'	27	4'	4.4'	4'	6.9'	16.4	7.8'	3.3'	4'	4'	53	3.5'	2.3'
			8'	0	32	3.4'	3.4'	5'	4.5'	21	4.6'	3.9'	5'	8.5'	11	9.8'	4.2'	5'	5'	28	4.4'	3'
			D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W
	796 cd	50,000 L70	5'	0	29	3.2'	3.2'	2'	2.8'	19	4.4'	3.7'	2'	3.4'	23	7.5'	2.5'	2'	2'	64	2.8'	1.8'
			6'	0	20	3.8'	3.8'	3'	3.4'	13	5.3'	4.4'	3'	5.3'	10	11.3'	3.8'	3'	3'	28	4.3'	2.7'
			7'	0	15	4.5'	4.5'	4'	4'	9	6.2'	5.2'	4'	6.9'	6	15.3'	5.3'	4'	4'	19	5.7'	3.6'
			8'	0	11	5.3'	5.3'	5'	4.5'	7	7.3'	6'	5'	8.5'	4	19'	6.5'	5'	5'	10	4.9'	4.5'
			D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W
	446 cd	50,000 L70	5'	0	16	5.7'	5.7'	2'	2.8'	11	8.5'	6.6'	2'	3.4'	13		4.5'	2'	2'	36	6.9'	3.4'
			6'	0	11	6.9'	6.9'	3'	3.4'	7	10.3'	7.9'	3'	5.3'	6		6.9'	3'	3'	16	10.3'	4.8'
			7'	0	8	8'	8'	4'	4'	5	12'	9.3'	4'	6.9'	3		9.2'	4'	4'	11	13.8'	6.5'
			8'	0	6	9.7'	9.7'	5'	4.5'	4	13.8'	10.6'	5'	8.5'	2		11.5'	5'	5'	6	17'	8'
			D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W

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