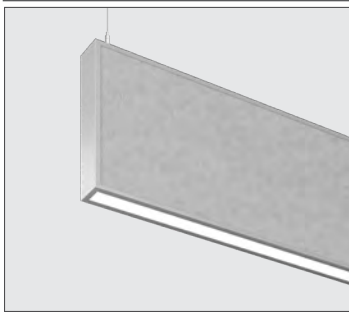
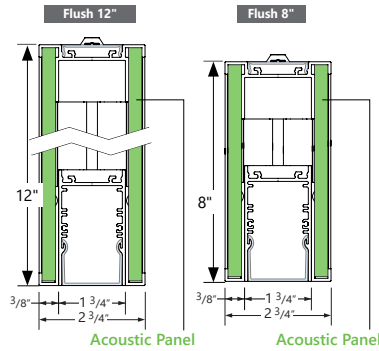




* See page 5 for more information.



*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.



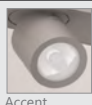
Ordering Guide

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 Axitune 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										
* System runs are available in 1ft increments starting at 8ft+			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.																

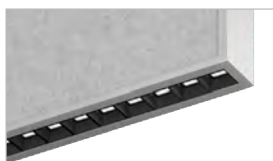
DRIVER	CIRCUITS	MOUNTING/SUSPENSION	BATTERY (OPT.)	OTHER (OPT.)	IC CONTROLS (OPTIONAL)	CUSTOM (OPT.)
DP dimming (0-10V) 1% LT Lutron BI bi-level dimming O(#) other** DPB(#) dimming (0-10V) 1% with BIOS* TW(#) tunable white drivers* POE(#) POE drivers*	1 1 circuit 2 2 circuits +E(#) emergency section* +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* EN(#) Enlighted integral* ENR(#) Enlighted remote** 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. **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 MODULE & QTY(#)	NOM. LUMENS/FT - MikroLite	MikroLite BEAM SPREAD	MikroLite CELL FINISH
+ML2(#) 2 cell (3")	200 200 lm/ft - Minimum	D38 38 deg	GR grey
+ML8(#) 8 cell (1')	1000 1000 lm/ft - Maximum	D55 55 deg (standard)*	W white
		D60 60 deg	BLK black
MikroLite 2 cells: minimum is ML2(#2)	Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.	*Tunable white is only available with 55 degree option.	



MikroLite™ 1.5

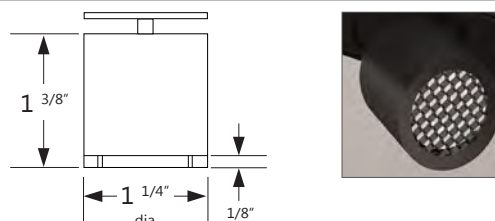
Accent (optional)

ACCENT QTY	BEAM	SHIELDING - for ACCENT (OPTIONAL)	DRIVER - for ACCENT	FINISH
AC(#) Accent quantity	D24 24 deg D36 36 deg D60 60 deg CBS custom arrangement*	HX hexcell	D dimming (0-10V) 10%	AP aluminum paint W white BLK black
	*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



● HEXCELL SHIELDING OPTIONS



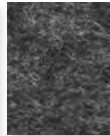
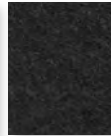
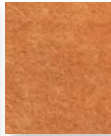
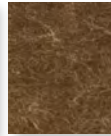
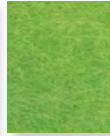
SAFETY NOTE

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

***Patent Number: 9416535 B1**

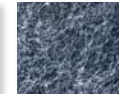
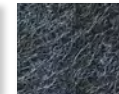
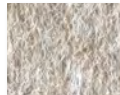
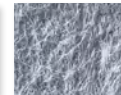
SOFTZONE PANEL COLOR PALETTE

WITH MATCHING HOUSING COLORS

Cotton (COT)	Tin (TIN)	Concrete (CON)	Slate (SLA)	Carbon (CAR)
				
C(RAL9003) Matte	C(RAL7047) Glossy	C(RAL7042) Matte	C(RAL7043) Matte	C(RAL9005) Matte
Sand (SAN)	Cork (COR)	Copper (COP)	Bark (BAR)	Earth (EAR)
				
C(HS512H1107 1872-L)	C(RAL1011) Glossy	C(RAL8001) Glossy	C(RAL8003) Glossy	C(RAL7006) Glossy
Purple (PUR)	Ocean (OCE)	Lemon (LEM)	Lime (LIM)	Brick (BRI)
				
C(RAL4005) Glossy	C(RAL5023) Glossy	C(RAL1023) Matte	C(PMS369C/ KD1139 -u/ PSS41G868)	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)
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 (32-104°F).

● WEIGHT

Direct 4 ft 13.5 lbs / 6.1 kg
Direct 8 ft 16 lbs / 7.3 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.

- i** 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

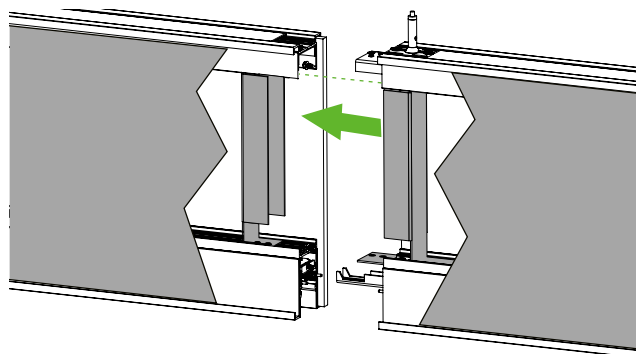
MikroLite

High density composite Polycarbonate shielding and formed aluminum optical system

● JOINERS

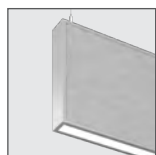
In order to allow very long runs of SCULPT SOFTZONE™ luminaires, Axis has developed an effective joining system. Special care has been taken to maximize the performance of the joiner for each SCULPT SOFTZONE™ option.

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

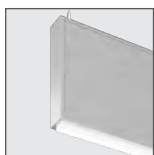


- i** Allow a minimum of 6" between end of long runs and vertical wall

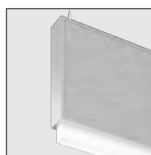
● SHIELDING OPTIONS



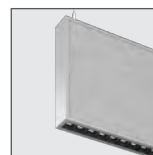
FL flush
UB Ultra blend lens



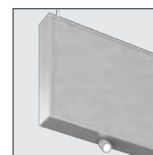
0.5M 0.5" StepLens,
lum. end cap
0.5P 0.5" StepLens,
opaque end cap



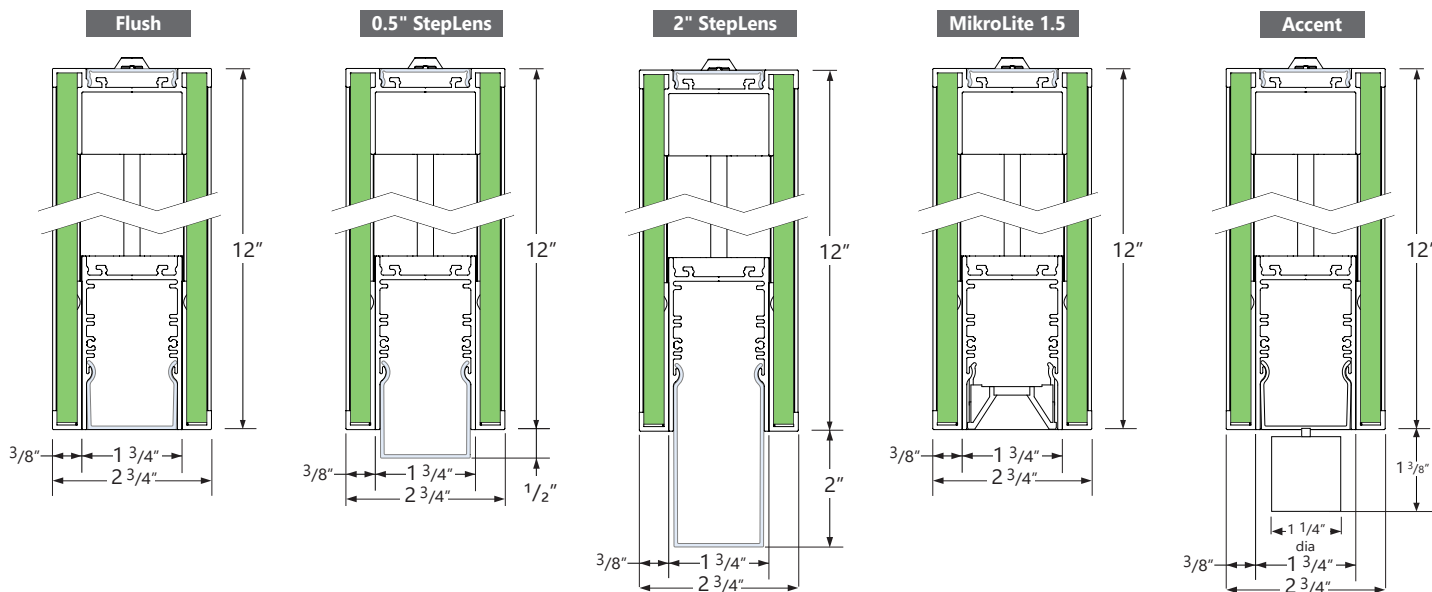
2M 2" StepLens,
lum. end cap
2P 2" StepLens,
opaque end cap



MKL MikroLite 1.5

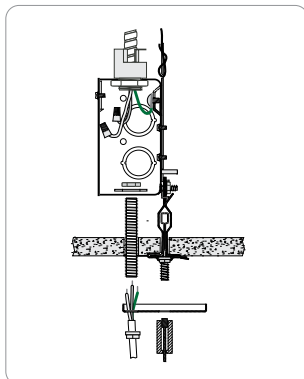


AC accent

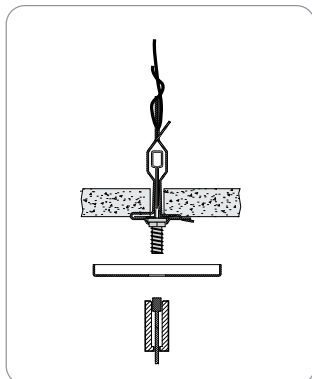


● MOUNTING OPTIONS

GT TILE CEILING - ON GRID

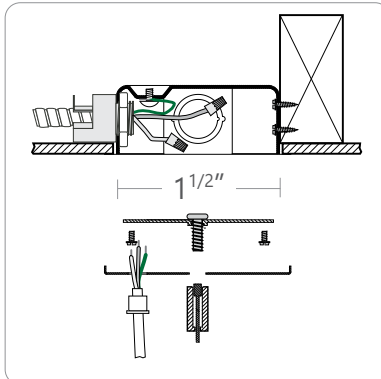


Power feed

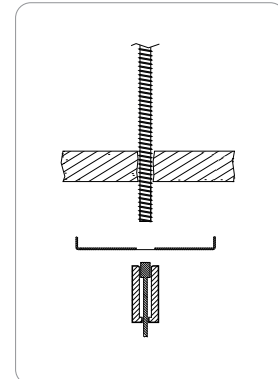


Non power feed

CA DRYWALL CEILING

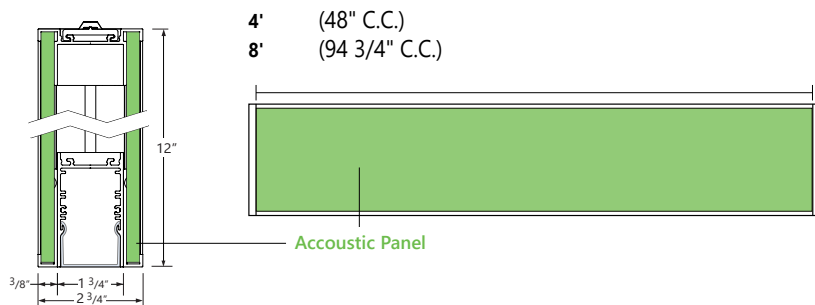


Power feed



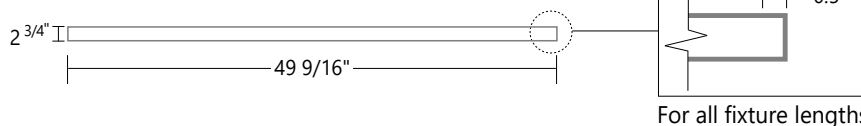
Non power feed

● MOUNTING SPACING END TO END



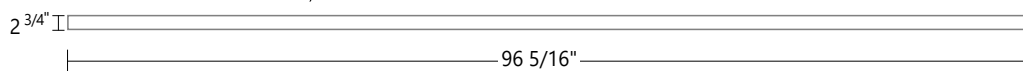
● LENGTHS

SCULPT linear 4ft (with 4ft shielding)

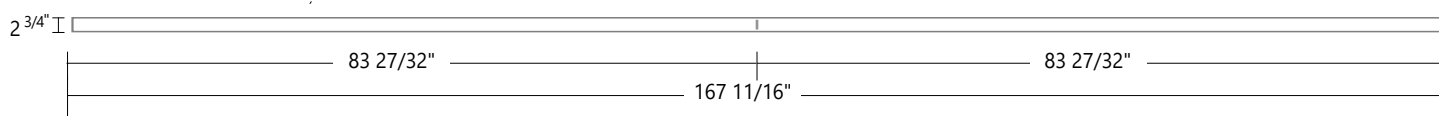


For all fixture lengths

SCULPT linear 8ft Continuous (with 8ft shielding)



SCULPT linear 14ft Continuous Run

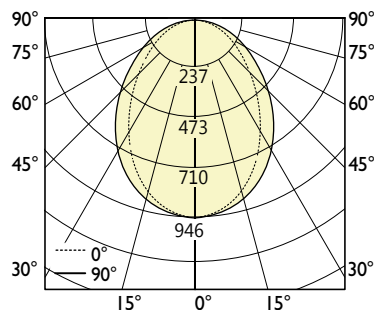


● PHOTOMETRIC DATA

500 lm/ft linear with Flush Lens



PHOTOMETRIC CURVE



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

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	

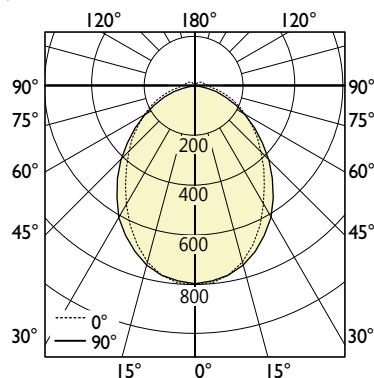
LUMINANCE DATA (cd/m²)

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

500 lm/ft linear with 0.5" StepLens



PHOTOMETRIC CURVE



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

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	

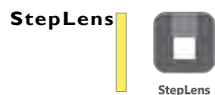
LUMINANCE DATA (cd/m²)

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

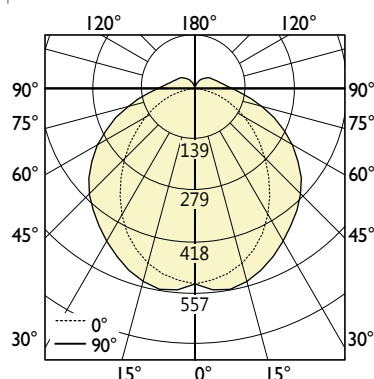
i All IES files are available for download at: www.axislighting.com

● 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

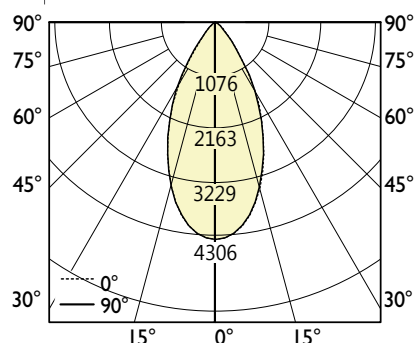
LUMINANCE DATA (cd/m²)

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

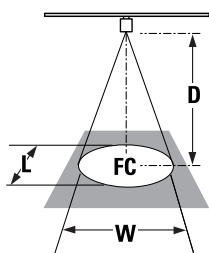
Zone	Lumens
0	
0-10	391
10-20	940
20-30	985
30-40	626
40-50	238
50-60	74
60-70	9
70-80	0
80-90	0
90	

LUMINANCE DATA (cd/m²)

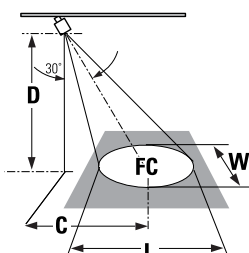
Vertical Angle	Horizontal Angles		
	0	45	90
45	10571	12714	10833
55	3962	3107	4125
65	35	634	0
75	0	0	0
85	0	0	0

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

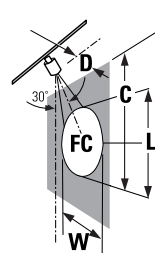
L = Beam Length
W = Beam Width
D = Distance
C = Distance to Center Beam
A = Aiming Angle
FC = Foot Candle



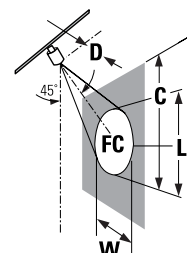
0° horizontal aiming angle



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
 24°	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'
 36°	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'
 60°	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'

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