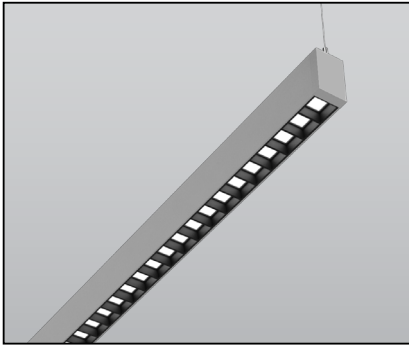
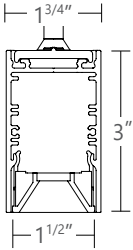




MikroLite shown



*See page 3 for other section views

Project _____

Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT AT 3500K, 80 CRI

LENS	FINISH	NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY
MikroLite™ - 38 deg	Black	1000 lm/ft	7.8 W/ft	123 lm/W
MikroLite™ - 55 deg	Black	1000 lm/ft	9.1 W/ft	107 lm/W
MikroLite™ - 60 deg	Black	800 lm/ft	7.9 W/ft	99 lm/W
MikroLite™ - 38 deg	Gray	1000 lm/ft	7.6 W/ft	126 lm/W
MikroLite™ - 55 deg	Gray	1000 lm/ft	8.8 W/ft	111 lm/W
MikroLite™ - 60 deg	Gray	900 lm/ft	7.9 W/ft	112 lm/W
MikroLite™ - 38 deg	White	1000 lm/ft	7.7 W/ft	125 lm/W
MikroLite™ - 55 deg	White	1000 lm/ft	8.4 W/ft	117 lm/W
MikroLite™ - 60 deg	White	1000 lm/ft	8.1 W/ft	123 lm/W

* Please consult factory for custom lumen output and wattage.



Ordering Guide

SCDMLO					
PRODUCT ID	TOTAL LENGTH	MikroLite NOM. LUMENS/FT	MikroLite BEAM SPREAD	MikroLite CELL FINISH	CRI
SCDMLO Sculpt with MikroLite only	# 2 ft - 12 ft continuous length (3" nominal increments) S(L) System Run	300 300 lm/ft - Min 1000 1000 lm/ft - Max	D38 38 deg D55 55 deg (standard) D60 60 deg	GR grey W white BLK black	80 80 CRI 90 90 CRI
SCULPT accommodates any length. Metric lengths also available, please consult factory.		Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.	Tunable white is only available in 55 degree option.		

COLOR TEMPERATURE (choose one)			FINISH	VOLTAGE	DRIVER	CIRCUITS
27 2700K	TW2750	2700-5000 K - Tunable White*	AP aluminum paint	120 120 V	DP dimming (0-10V) 1%	1 1 circuit
30 3000K	TW2765	2700-6500 K - Tunable White*	W white	277 277 V	LT lutron	2 2 circuits
35 3500K			BLK black	347 347 V	BI bi-level dimming	+E(##) emergency section*
40 4000K			C custom	UNV universal	O(##) other**	
				DC low voltage*	TW(##) tunable white drivers*	
					POE(##) POE drivers*	
Consult Axitune technical sheet for more information of color technology *Tunable white is only available in 55 degree option.				* Only available with POE drivers.	*See page 2 to specify system **Please consult factory; see page 2	Minimum 3 ft length. *Specify quantity

MOUNTING/SUSPENSION	BATTERY (OPTIONAL)	IC CONTROLS (OPTIONAL)	CUSTOM (OPTIONAL)
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	DS(##) daylight sensor OS(##) occupancy sensor DOS(##) daylight & occupancy sensor EN(##) Enlighted integral ENR(##) Enlighted remote* WC(##) wireless control dimming	C custom
See Mounting kit guide for full specification code. Specify length *For stem option, please consult factory.	5' minimum fixture length. For lengths under 5' - battery pack is remote only. Not available with 347V Please consult factory	*Please consult factory. Specify quantity. Requires 7" blank. See Integrated controls guide for more details. Consult factory for Tunable White.	Please specify

● LED SYSTEM

LED System	Cluster of 4 LED in each MikroLite cell
LED optical System	Axis patent pending mixing chamber optic for high efficacy light control with deep square in square architectural downlight trim
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).
Color Tuning	Cluster of 4 LED 2 on each diagonal for pure color mixing and no color over angle effects in the space
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. Extruded aluminum downlight heat sink

● 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
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.

❗ Incorporating these components may have limitations or affect the length of the luminaire. Please contact factory for more details.

● CONSTRUCTION

Housing	Extruded aluminum (0.080" nominal) up to
End Cap	Die cast aluminum
Interior Brackets	Die formed sheet steel (20 gauge)
MikroLite	High density composite Polycarbonate shielding and formed aluminum optical system
Mixing Lenses	Extruded acrylic
Hanger	Die cast aluminum
Suspension	Aircraft cable with fixed mounting point
Cable Grips	Quick connecting / release
MikroLite Heat Sink	Extruded aluminum

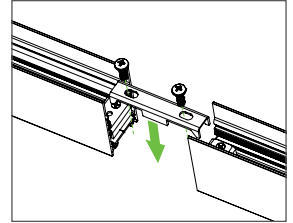
● WEIGHT

Pendant 4 ft	8 lbs / 3.6 kg
Pendant 8 ft	16 lbs / 7.3 kg
Pendant 12 ft	24 lbs / 10.9 kg

● 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.



● APPROVALS

Certified to UL and CSA standards 
Suitable for damp locations.
Meets CCEC requirements (Chicago plenum)

● 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.

● SYSTEM (S#)

SCULPT linear systems, with the use of a strong profile, allow for a nearly hair thin connection system of continuous runs. 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 sections to be assembled on site using our joining system. For more information on systems and joining, please refer to the Sculpt installation sheets available at: www.axislighting.com under 'Downloads' tab.

● OTHER MOUNTING OPTIONS

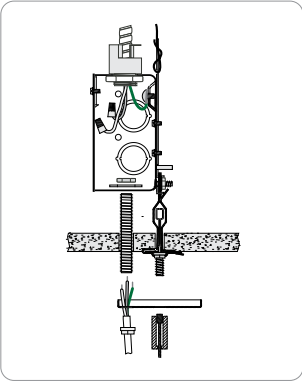
❗ Specification sheets and installation sheets for all mounting for SCULPT luminaires are available for download at www.axislighting.com

● ECO FRIENDLY PROGRAM

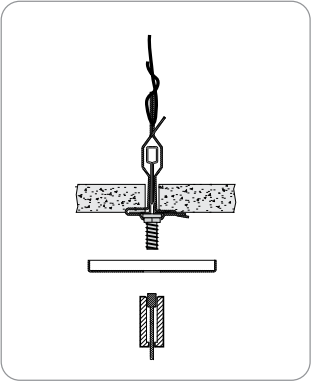
Sculpt MikroLite 1.5 meets the Living Building Challenge, is halogen free and includes PVC free wiring in compliance with requirements. Please contact Axis for supporting documentation.

● MOUNTING OPTIONS

CT TILE CEILING - ON GRID

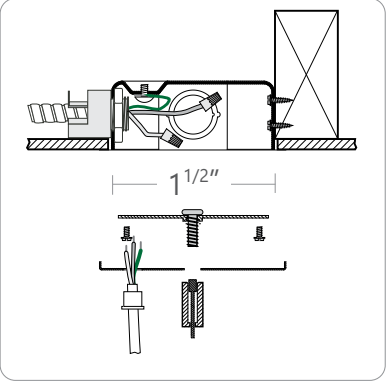


Power feed

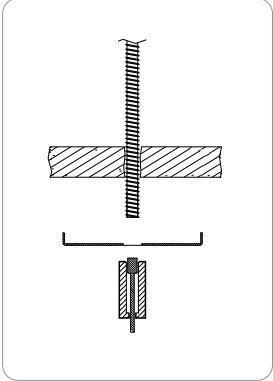


Non power feed

CA DRYWALL CEILING

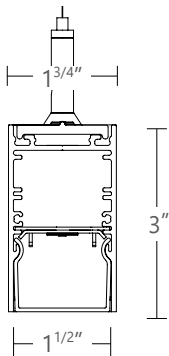


Power feed



Non power feed

● NOMINAL MOUNTING SPACING END TO END

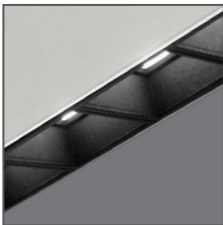


4' (47 3/8" C.C.)
8' (95 3/8" C.C.)
12' (143 3/8" C.C.)



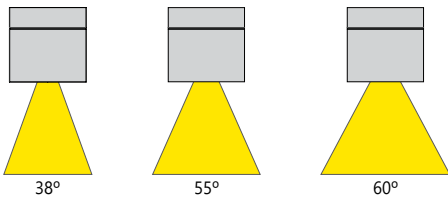
Please see shopdrawing for exact mounting distances.

● SHIELDING - MikroLite™ 1.5



SCML0 MikroLite

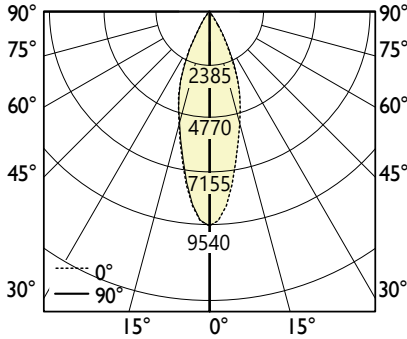
● BEAM SPREADS



● PHOTOMETRIC DATA - DIRECT

MikroLite - 4ft - 38 deg
1000 lm/ft

PHOTOMETRIC CURVE



Black Finish



Direct Output: 1000 lm/ft
Total Lumens: 3840 lm (for 4ft)
Input Watts: 31.1 W
Efficacy: 123 lm/W

IES FILE: SCDML0-4-1000-D38-BLK-80-35.IES
TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	9540	9540	9540	9540	9540
5	8745	8693	8748	8733	8841
15	5286	5051	4884	4964	5262
25	2781	2349	1944	2217	2641
35	394	432	741	405	357
45	50	50	82	50	49
55	16	18	20	19	17
65	1	2	3	2	1
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

ZONAL LUMENS

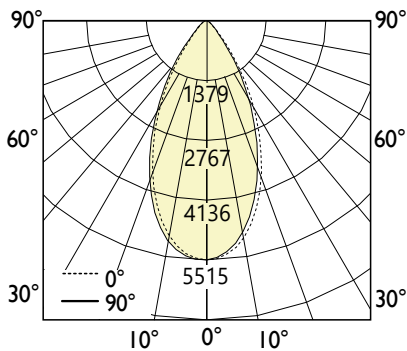
Zone	Lumens
0	
0-10	800
10-20	1474
20-30	1111
30-40	375
40-50	60
50-60	18
60-70	3
70-80	0
80-90	0
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	1468	2402	1432
55	598	716	600
65	73	168	50
75	0	0	0
85	29	10	1

MikroLite - 4ft - 55 deg
1000 lm/ft

PHOTOMETRIC CURVE



Black Finish



Direct Output: 1000 lm/ft
Total Lumens: 3912 lm (for 4ft)
Input Watts: 36.5 W
Efficacy: 107 lm/W

IES FILE: SCDML0-4-1000-D55-BLK-80-35.IES
TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	5515	5515	5515	5515	5515
5	5410	5388	5419	5391	5434
15	4340	4349	4390	4338	4255
25	2625	2643	2670	2617	2583
35	1065	1138	1201	1141	1091
45	248	294	410	294	254
55	82	92	97	92	82
65	11	20	23	21	14
75	0	0	0	0	0
85	0	0	0	0	0
90	1	1	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	500
10-20	1181
20-30	1177
30-40	702
40-50	251
50-60	82
60-70	19
70-80	0
80-90	0
90	

LUMINANCE DATA (cd/m²)

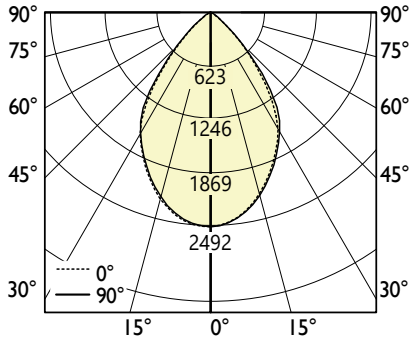
Vertical Angle	Horizontal Angles		
	0	45	90
45	6482	10725	6662
55	2654	3135	2659
65	484	1006	601
75	19	14	16
85	69	35	10

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

● PHOTOMETRIC DATA - DIRECT

MikroLite - 4ft - 60 deg 800 lm/ft

PHOTOMETRIC CURVE



CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	2492	2492	2492	2492	2492
5	2448	2443	2445	2448	2456
15	2188	2176	2184	2189	2209
25	1790	1775	1781	1785	1817
35	1244	1286	1328	1338	1348
45	482	564	787	604	537
55	96	123	170	130	105
65	9	14	19	14	9
75	1	1	1	1	1
85	1	1	1	1	1
90	2	2	2	1	1

ZONAL LUMENS

Zone	Lumens
0	
0-10	232
10-20	621
20-30	836
30-40	826
40-50	494
50-60	138
60-70	18
70-80	1
80-90	1
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	14199	23191	15809
55	3476	6160	3800
65	421	914	461
75	97	72	79
85	295	244	159

Black Finish

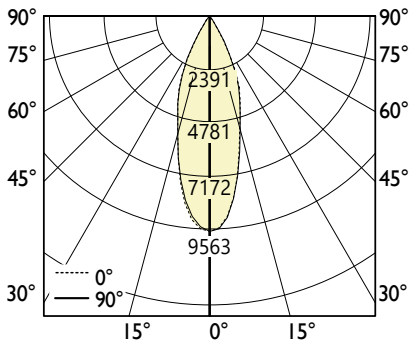


Direct Output: 800 lm/ft
Total Lumens: 3165 lm (for 4ft)
Input Watts: 31.9 W
Efficacy: 99 lm/W

IES FILE: SCDMLO-4-800-D60-BLK-80-35.IES
 TESTED ACCORDING TO IES LM-79-2008

MikroLite - 4ft - 38 deg 1000 lm/ft

PHOTOMETRIC CURVE



CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	9563	9563	9563	9563	9563
5	8983	8942	8984	8942	8929
15	5269	5062	4938	5015	5184
25	2704	2248	1836	2283	2710
35	385	419	726	425	377
45	56	57	93	59	56
55	24	26	28	26	24
65	8	9	10	8	7
75	4	4	4	3	3
85	1	1	1	1	1
90	1	1	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	806
10-20	1468
20-30	1090
30-40	373
40-50	65
50-60	24
60-70	9
70-80	4
80-90	1
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	1663	2751	1657
55	876	1002	866
65	375	479	329
75	320	289	264
85	318	234	199

Gray Finish

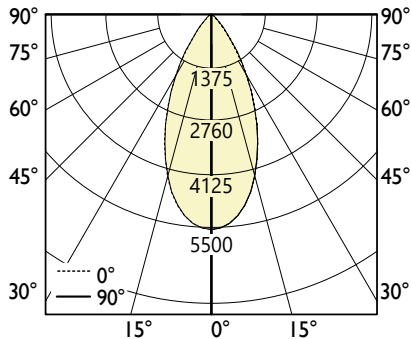


Direct Output: 1000 lm/ft
Total Lumens: 3840 lm (for 4ft)
Input Watts: 30.5 W
Efficacy: 126 lm/W

IES FILE: SCDMLO-4-1000-D38-GR-80-35.IES
 TESTED ACCORDING TO IES LM-79-2008

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

● PHOTOMETRIC DATA - DIRECT

MikroLite - 4ft - 55 deg
1000 lm/ft**PHOTOMETRIC CURVE****Gray Finish**

Direct Output: 1000 lm/ft
Total Lumens: 3913 lm (for 4ft)
Input Watts: 35.3 W
Efficacy: 111 lm/W

IES FILE: SCDMLO-4-1000-D55-GR-80-35.IES
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

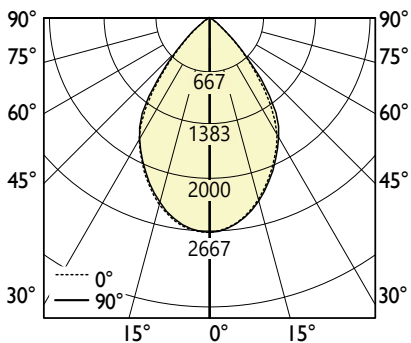
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	5500	5500	5500	5500	5500
5	5345	5331	5348	5339	5359
15	4205	4182	4224	4190	4214
25	2519	2503	2527	2488	2524
35	983	1041	1132	1088	1046
45	250	277	382	294	262
55	97	105	109	109	101
65	28	35	39	35	28
75	12	12	12	12	11
85	3	3	3	3	3
90	1	1	1	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	497
10-20	1169
20-30	1156
30-40	685
40-50	254
50-60	99
60-70	37
70-80	13
80-90	4
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	7359	11244	7710
55	3540	3960	3682
65	1359	1932	1377
75	992	959	922
85	836	798	734

MikroLite - 4ft - 60 deg
900 lm/ft**PHOTOMETRIC CURVE****Gray Finish**

Direct Output: 900 lm/ft
Total Lumens: 3563 lm (for 4ft)
Input Watts: 31.8 W
Efficacy: 112 lm/W

IES FILE: SCDMLO-4-900-D60-GR-80-35.IES
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	2662	2662	2662	2662	2662
5	2614	2603	2601	2599	2606
15	2344	2311	2303	2296	2316
25	1932	1885	1866	1865	1896
35	1363	1368	1395	1374	1350
45	572	620	800	607	541
55	155	177	200	167	140
65	54	57	60	52	45
75	30	30	27	27	26
85	9	8	7	6	6
90	2	2	2	2	2

ZONAL LUMENS

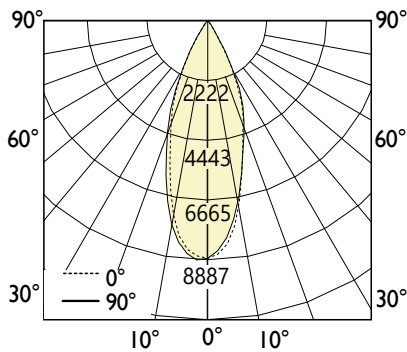
Zone	Lumens
0	
0-10	248
10-20	664
20-30	897
30-40	895
40-50	561
50-60	196
60-70	63
70-80	30
80-90	9
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	16854	23561	15929
55	5632	7270	5100
65	2644	2943	2241
75	2447	2190	2117
85	2094	1565	1351

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

● PHOTOMETRIC DATA - DIRECT

MikroLite - 4ft - 38 deg
1000 lm/ft**PHOTOMETRIC CURVE**

White Finish



Direct Output: 1000 lm/ft
Total Lumens: 3853 lm (for 4ft)
Input Watts: 30.9 W
Efficacy: 125 lm/W

IES FILE: SCDMLO-4-1000-D38-W-80-35.IES
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

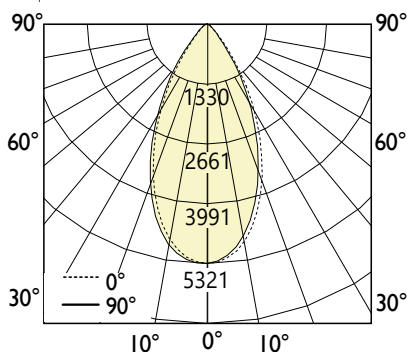
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	8821	8821	8821	8821	8821
5	8084	8052	8146	8162	8323
15	5057	4788	4540	4610	5024
25	2769	2287	1834	2150	2596
35	389	414	772	414	360
45	64	65	101	66	64
55	33	34	36	34	31
65	16	16	17	15	14
75	9	9	8	8	7
85	3	2	2	2	2
90	1	1	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	762
10-20	1467
20-30	1115
30-40	378
40-50	72
50-60	32
60-70	17
70-80	9
80-90	3
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	1895	2963	1875
55	1186	1290	1142
65	769	829	666
75	715	637	594
85	647	501	427

MikroLite - 4ft - 55 deg
1000 lm/ft**PHOTOMETRIC CURVE**

White Finish



Direct Output: 1000 lm/ft
Total Lumens: 3917 lm (for 4ft)
Input Watts: 33.6 W
Efficacy: 117 lm/W

IES FILE: SCDMLO-4-1000-D55-W-80-35.IES
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	5321	5321	5321	5321	5321
5	5185	5173	5185	5179	5189
15	4093	4076	4132	4093	4108
25	2444	2454	2480	2454	2481
35	962	1039	1137	1093	1043
45	273	300	395	316	284
55	124	132	135	134	126
65	53	59	62	58	52
75	28	27	26	26	26
85	8	8	7	7	7
90	2	2	1	1	1

ZONAL LUMENS

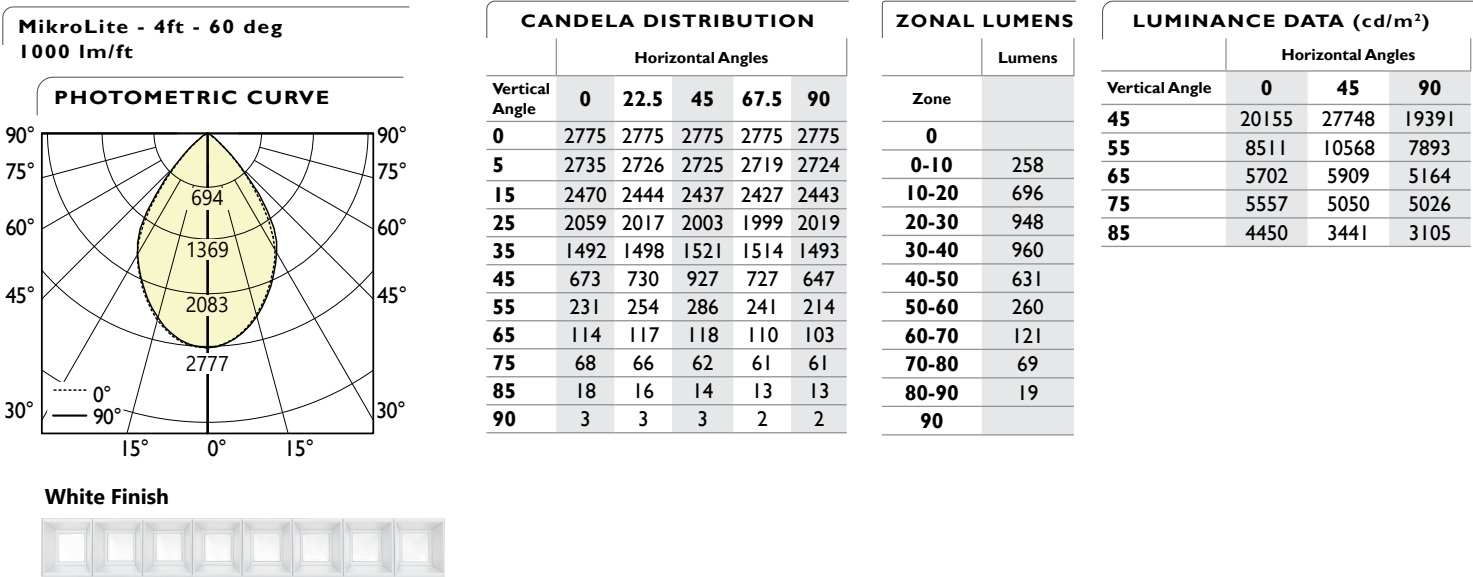
Zone	Lumens
0	
0-10	482
10-20	1135
20-30	1130
30-40	681
40-50	270
50-60	123
60-70	61
70-80	28
80-90	8
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	8051	11646	8376
55	4520	4903	4587
65	2635	3079	2540
75	2215	2093	2055
85	1876	1749	1703

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

● PHOTOMETRIC DATA - DIRECT



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