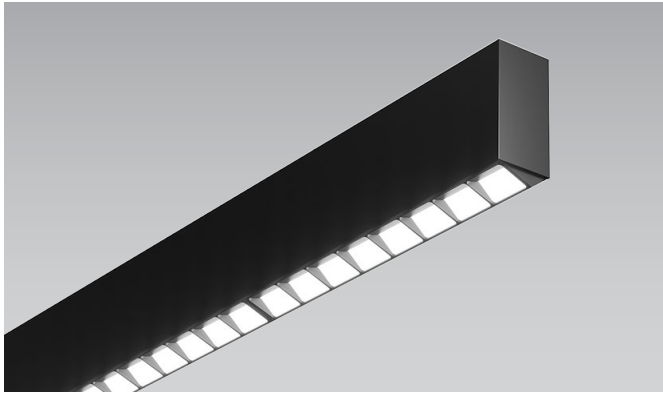




Project _____

Type _____

Notes _____



● PERFORMANCE PER LINEAR FOOT AT 3500K, 80CRI

FIXTURE FINISH	LOUVER FINISH	NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY
White	Matt white	1000 lm/ft	12.6 W/ft	80 lm/W
	Matt black	850 lm/ft	12.6 W/ft	67 lm/W
	Chrome black	750 lm/ft	12.9 W/ft	58 lm/W
Black	Matt white	900 lm/ft	12.2 W/ft	75 lm/W
	Matt black	700 lm/ft	12.5 W/ft	56 lm/W
	Chrome black	750 lm/ft	12.7 W/ft	59 lm/W

Please consult factory for other lumen output and wattage.

FINISHES



MW
matte
white



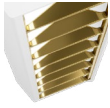
MB
matte
black



MS
matte
silver



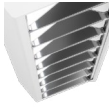
MRG
matte
rose gold



CG
chrome
gold



CB
chrome
black



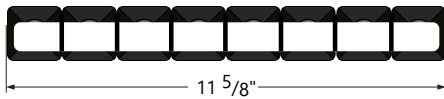
CS
chrome
silver



CRG
chrome
rose gold

LENGTH INCREMENT

1 foot nominal [11 5/8" (295mm)] length increments available

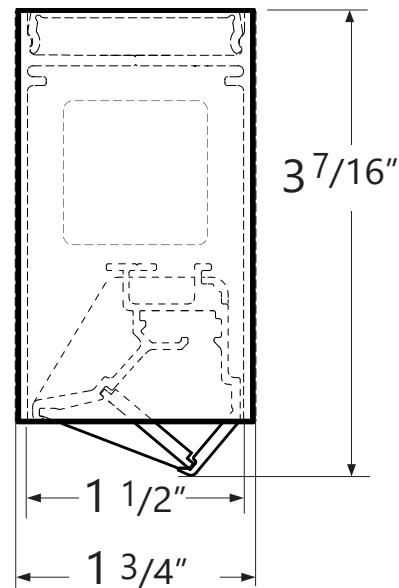


DISTRIBUTION



WW
Wall wash, asymmetric

● DIMENSIONS



Code example: SCSML-S(20')-SOD(8'3", 500)+WW(8, 500, MB)+MKL(32 5/8", LF, SF, D50, 500, BM)+BL(12 3/8")+AC(2, D36, 80, 30, ST, D, BLK) -80-35-BLK-UNV-DP-2-CA(36")

Project

Type

Notes

A CONFIGURATION DRAWING IS REQUIRED.

Factory is available for assistance. See page 3 for example of how to specify.

Ordering Guide

PRODUCT ID		TOTAL LENGTH		SHEILDING OPTIONS - DIRECT						
				Wall Wash Direct - +WW(Length, Lumen, Louver Finish)				BLANK DIRECT - LENGTH		
				LENGTH	LUMEN OUTPUT		LOUVER FINISH			
SCSML	Sculpt Surface Combined Distribution MikroLite	# 2 ft - 12 ft continuous length (3" nominal increments) S(L) System Run	L(#)	specify length - 1 foot nominal increments	200	200 lm/ft min	MB	matte black	+BL (length)	blank
					1000	1000 lm/ft max		MW		
					Any lumen output available within range +/- 5%		MS	matte silver		
							MRG	matte rose gold		
							CG	chrome gold		
							CB	chrome black		
							CRG	chrome rose gold		
							CS	chrome silver		
		SCULPT accommodates any length. Metric lengths also available, please consult factory.		See more details on page 2.						

● CONSTRUCTION

Housing	Extruded aluminum (0.080" nominal) up to
End Cap	Die cast aluminum
Interior Brackets	Die formed sheet steel (20 gauge)
Lenses	Extruded acrylic (0.060" nominal) - injection moulded
Mixing Lenses	Acrylic
Heat Sink	Extruded aluminum

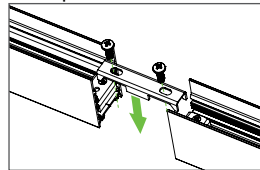
● SYSTEM (S#)

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.

● 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

● FINISH

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

● WEIGHT

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

● OTHER MOUNTING OPTIONS

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

● 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
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.

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

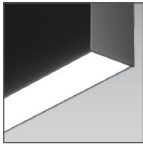
● APPROVALS

Certified to UL and CSA standards 
Suitable for damp locations. Indoor use only.

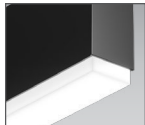
● WARRANTY

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.

FROSTED ACRYLIC SPOTLESS LENS



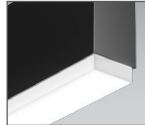
FL flush
ASO asymmetric
UB Ultra Blend Lens



0.5M 0.5" StepLens,
lum. end cap



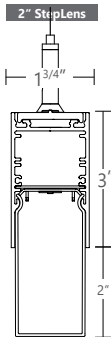
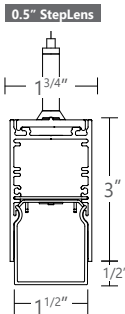
2M 2" StepLens,
lum. end cap



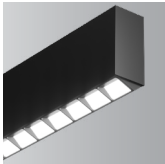
0.5P 0.5" StepLens,
opaque end cap



2P 2" StepLens,
opaque end cap



WALL WASH



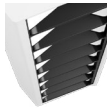
WW
Wallwash

One foot nominal length increments available.
For best results mounting distance of 3ft from the wall is recommended.

WALL WASH LOUVER FINISHES



MW
matte white



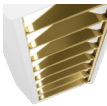
MB
matte black



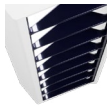
MS
matte silver



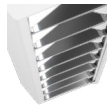
MRG
matte rose gold



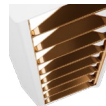
CG
chrome gold



CB
chrome black

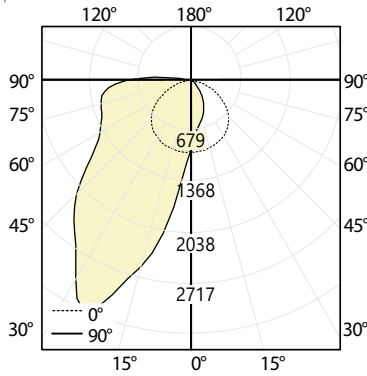


CS
chrome silver



CRG
chrome rose gold

● PHOTOMETRIC DATA

1000 lm/ft Matte White Louver, White Extrusion**PHOTOMETRIC CURVE**

Lumen/ft down: 1000 lm/ft
Total Lumens: 3994 lm (for 4ft)
Input Watts: 50.2 W
Efficacy: 80 lm/W

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

IES FILE: MKL-WW-4-FL-1000-MW-80-35-W.ies

TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

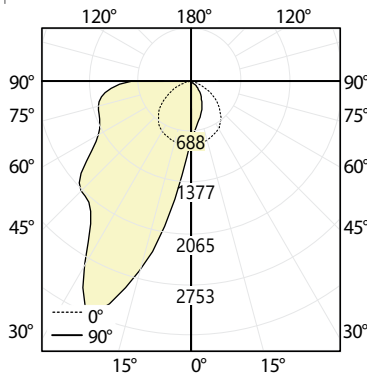
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	739	739	739	739	739
5	753	669	618	585	570
15	737	548	475	441	434
25	704	456	380	340	331
35	652	368	282	234	221
45	570	276	188	138	122
55	446	183	105	77	71
65	292	102	59	47	45
75	148	45	12	6	6
85	39	5	7	7	8
90	4	6	8	8	9
95	5	7	9	10	10
105	6	8	10	12	12
115	7	10	12	14	15
125	9	11	13	16	17

ZONAL LUMENS

Zone	Lumens
0	
0-10	79
10-20	295
20-30	552
30-40	684
40-50	671
50-60	563
60-70	435
70-80	342
80-90	247
90-100	92
100-110	9
110-120	7

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	42671	14062	9116
55	41134	9672	6598
65	36608	7388	5582
75	30183	2474	1163
85	23689	4114	4608

900 lm/ft Matte White Louver, Black Extrusion**PHOTOMETRIC CURVE**

Lumen/ft down: 900 lm/ft
Total Lumens: 3668 lm (for 4ft)
Input Watts: 48.6 W
Efficacy: 75 lm/W

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

IES FILE: MKL-WW-4-FL-900-MW-80-35-BLK.ies

TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	666	666	666	666	666
5	696	627	578	575	547
15	673	511	442	416	406
25	632	413	341	317	306
35	572	321	247	215	206
45	463	218	157	131	126
55	334	130	70	67	69
65	192	47	18	7	5
75	75	4	3	4	4
85	3	3	5	5	6
90	2	4	5	6	7

ZONAL LUMENS

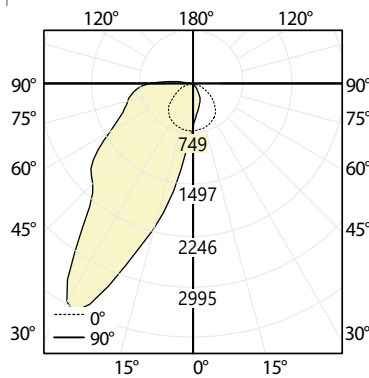
Zone	Lumens
0	
0-10	75
10-20	291
20-30	545
30-40	646
40-50	621
50-60	520
60-70	399
70-80	328
80-90	225
90-100	19

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	34699	11721	9447
55	30823	6437	6365
65	24075	2201	656
75	15401	668	890
85	1813	2767	3485

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

● PHOTOMETRIC DATA

850 lm/ft Matte Black Louver, White Extrusion**PHOTOMETRIC CURVE**

Lumen/ft down: 850 lm/ft
Total Lumens: 3393 lm (for 4ft)
Input Watts: 50.5 W
Efficacy: 67 lm/W

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

IES FILE: MKL-WW-4-FL-850-MB-80-35-W.ies

TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

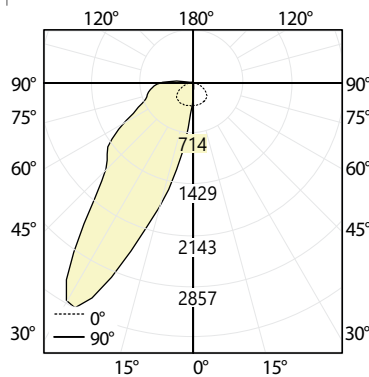
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	537	537	537	537	537
5	547	480	437	411	404
15	530	378	319	293	289
25	500	297	236	210	207
35	453	224	161	128	122
45	369	145	89	56	47
55	266	81	28	17	16
65	153	25	8	5	5
75	67	4	4	4	5
85	4	4	6	6	7
90	3	5	7	7	8
95	4	6	8	9	9
105	5	7	9	11	12
115	6	8	11	13	15
125	7	9	12	15	16

ZONAL LUMENS

Zone	Lumens
0	
0-10	58
10-20	231
20-30	491
30-40	663
40-50	611
50-60	496
60-70	348
70-80	248
80-90	162
90-100	58
100-110	7
110-120	6
120-130	7

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	27605	6693	3545
55	24590	2610	1484
65	19152	992	595
75	13631	836	970
85	2715	3428	3955

700 lm/ft Matte Black Louver, Black Extrusion**PHOTOMETRIC CURVE**

Lumen/ft down: 700 lm/ft
Total Lumens: 2793 lm (for 4ft)
Input Watts: 49.8 W
Efficacy: 56 lm/W

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

IES FILE: MKL-WW-4-FL-700-MB-80-35-BLK.ies

TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	249	249	249	249	249
5	260	195	157	128	122
15	258	117	73	56	53
25	256	79	47	38	36
35	249	59	33	24	22
45	231	45	19	9	6
55	188	25	4	3	3
65	122	7	3	3	3
75	48	3	3	3	3
85	3	4	5	5	5
90	3	4	6	6	6
95	3	5	7	8	7
105	4	6	8	10	10
115	5	7	10	12	13
125	6	8	10	13	14

ZONAL LUMENS

Zone	Lumens
0	
0-10	32
10-20	160
20-30	402
30-40	588
40-50	539
50-60	433
60-70	284
70-80	178
80-90	115
90-100	39
100-110	5
110-120	5
120-130	5

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	17291	1422	438
55	17333	411	320
65	15315	366	397
75	9745	676	706
85	1975	2950	2982

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