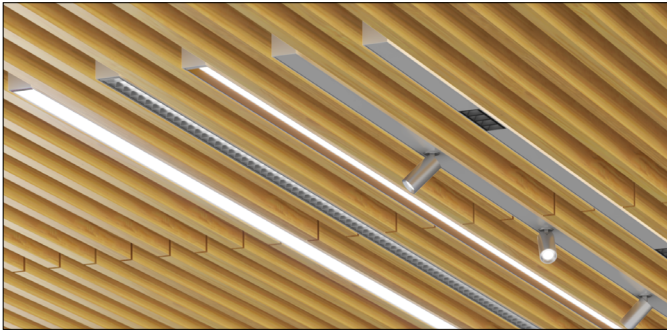


See page 2 for Accent section views

Ordering Guide

PRODUCT ID		LENGTH	SHIELDING		NOM. LUMENS/FT DOWN			CRI		COLOR TEMP.			
SL1	Slate1	2	2' *	SO	spotless lens	200	200 lm/ft	SO and SORG lens options only	80	80 CRI	27	2700 K	
		3	3'	SORG(Regress finish)		spotless lens regressed*	300		300 lm/ft	90	90 CRI	30	3000 K
		4	4'	MLWB	micro louver wide- black	400	400 lm/ft		Micro louver option only			35	3500 K
		5	5'	MLNB	micro louver narrow - black	200	200 lm/ft	40				4000 K	
		6	6'	MLWG	micro louver wide - grey	300	300 lm/ft						
		7	7'	MLNG	micro louver narrow - grey	450	450 lm/ft						
		8	8'	MKL(Module Type, Beam Angles, Cell Finish)		Mikrolite*	600	600 lm/ft					
		S(L) system run**		AC(QTY., Beam, Finish)		Accent*	500	500 lm	per 4 cell Mikrolite module				
						HI	Fixed high lumen output per Accent*						
Compatible with Armstrong WOODWORKS® ceiling systems. Evaluated by Axis.		* 2' sections are NOT available with micro louver and Mikrolite optics. Lit segments are available in 1' increments. **Submittal drawing required.		Single shielding only. *See Ordering Code builder table below for ordering options				*Lumen output varies with the beam angle, please refer to IES detail on page 9 for more information.					

FINISH		VOLTAGE	DP DRIVER	CIRCUITS	UWB MOUNTING / SUSPENSION	POWER CABLE LENGTH (OPT.)	CUSTOM (OPT.)
W white	B2103 Wild Pine	120 120 V	DP integral driver 0-10V dimming (1%)*	1 1 circuit	UWB universal wood ceiling bracket	# Power cable length ft*	C custom
AP aluminum paint	B2601 Medium Teak	277 277 V		+E(#) emergency circuit*			
BLK black	B1406 French Cherry	UNV universal		+NL(#) night light circuit			
C custom	B1102 Maple Cherry						
B99244 Birch	B1301 Medium Chestnut						
B2502 Fine Oak	B1806 Dark Walnut						
B1501 Douglas Fur	B99097 Dark Rosewood						
See page 3 for available wood finishes.			* Only integral 0-10V driver available	* Specify quantity		* 20 feet power cable standard, please specify if other length required.	Please specify

*Ordering Code Builder - Spotless Lens Regressed, MikroLite, and Accent

SO REGRESSED - SORG(Regress finish)	MIKROLITE - MKL(Module Type, Beam Angles, Cell Finish)			ACCENT - AC(QTY., Beam, Finish)		
REGRESS FINISH	MIKROLITE MODULE TYPE	BEAM ANGLES	CELL FINISH	ACCENT QUANTITY	BEAM	ACCENT FINISH
BLK black	ML4 four 1 inch cell MikroLite module	MKL35 35 deg	GR gray	3 three accents	AC20 20 deg	AP aluminum paint
AP aluminum paint	ML8 eight 1 inch cell MikroLite module*	MKL20 20 deg	BLK black	6 six accents	AC35 35 deg	W white
OGD optical gold*	ML12 twelve 1 inch cell MikroLite module**					BLK black
W white						
* See page 2 for more details. Single shielding only. See WOOD CEILINGS COMBINED OPTICS (MikroLite with Spotless Flush Lens) spec sheet for combined shielding. ML4 - 500 lm/module, ML8 - 1000 lm/module, ML12 - 1500 lm/module. See page 2 for more information. See page 4 for available configurations. * Not available with 3ft and 4 ft lengths. ** Only available with 4 ft length						
Only available with 0-10V dimming (1%). Minimum spacing between Accents is 4". Accent provided on blank section by default. See page 2 for more information. See page 3 for available configurations. See page 9 for full IES detail.						

CONSTRUCTION

Housing	Extruded aluminum (0.080" nominal)
End Cap+Joiner	Die cast aluminum
Lenses	Extruded acrylic

ELECTRICAL

DP driver	Features integral 0-10V driver 1% dimming standard. The integral 0-10V driver is the only driver available.
Emergency	Remote emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, UNV.

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

LED SYSTEM

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-step MacAdam ellipse).
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.
Performance	Up to 108 lm/W.

FINISH

Powder coated and custom finishes are also available.

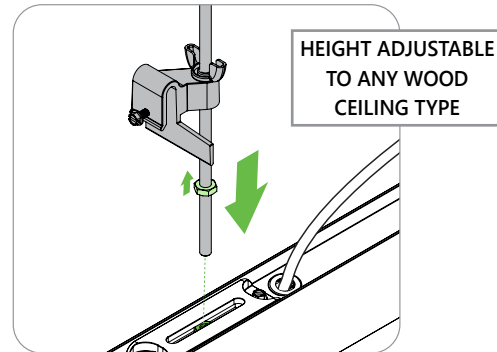
WARRANTY

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.

APPROVALS

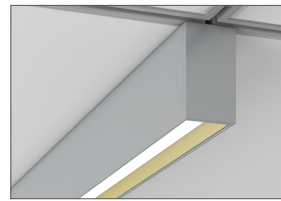
Certified to UL and CSA standards  Suitable for damp locations.

MOUNTING OPTIONS



UWB - Universal Wood Ceiling Bracket shown

REGRESS FINISH



Gold regressed finish improves visual comfort by providing a soft, luxurious glow at the fixture level. Regress finish also available in Black, Aluminium or White.

MICRO LOUVER OPTIONS



Black narrow micro louver shown - 60°, flush.



Grey narrow micro louver shown - 60°, flush.



Black wide micro louver shown - 70°, regressed.



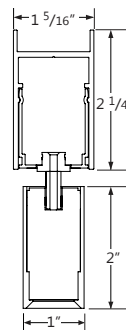
Grey wide micro louver shown - 70°, regressed.

SLATE 1 WITH MIKROLITE 1.0



1 module contains 4 Mikrolite cells

ACCENT OPTIONS



 Accent in blank



Regular shown

ACCENT EFFICACY

3 Accents /Driver	120V, 21W, 0.18A; 277V, 21.5W, 0.10A.
1 Accent /Driver	120V, 8W, 0.12A; 277V, 8.4W, 0.06A.

NOTE: Configuration of multiple accents with different drivers will change efficacy values.

Slate 1

FOR WOOD CEILINGS

WOOD FINISHES

Add style to the space with classic wood finish luminaires that use advanced sublimation technology to produce a durable and elegant wood grain finish. Please contact your Axis representative for more information including pricing and lead time.

Birch

B99244

Medium Teak

B2601

Dark Walnut

B1806

Fine Oak

B2502

French Cherry

B1406

Dark Rosewood

B99097

Douglas Fir

B1501

Maple Cherry

B1102

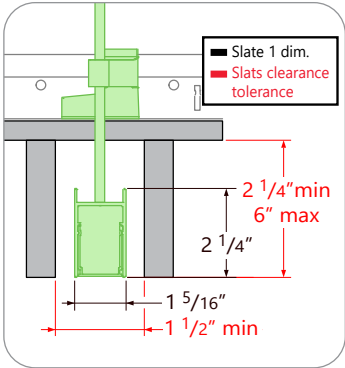
Wild Pine

B2103

Medium Chestnut

B1301

ARMSTRONG® WOODWORKS COMPATIBILITY



Slate 1
Integration between Slats

SLATE 1 SL1				
Ceiling Type	2ft	4ft	6ft	8ft
Forté Solid Wood Ceiling Panels				
6323L_S03_				
6323L_S04_				
6323L_S07_				
6323L_S08_				
6323L_S11_				
6323L_S12_	24"	47"	71"	95"
6324L_S03_				
6324L_S04_				
6324L_S07_				
6324L_S08_				
6324L_S011_				
6324L_S013_				
Ceiling Type	2ft	4ft	6ft	8ft
Forté Veneered Ceiling Panels				
6333L_S15_				
6333L_S16_				
6333L_S17_				
6334L_S15_				
6334L_S16_	24"	47"	71"	95"
6334L_S17_				
6335L_S15_				
6335L_S16_				
6335L_S17_				
Other ceiling systems consult factory*				

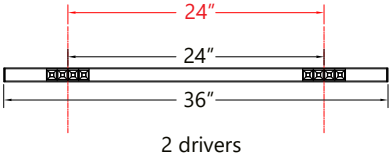
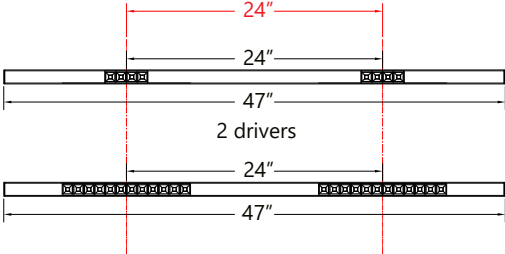
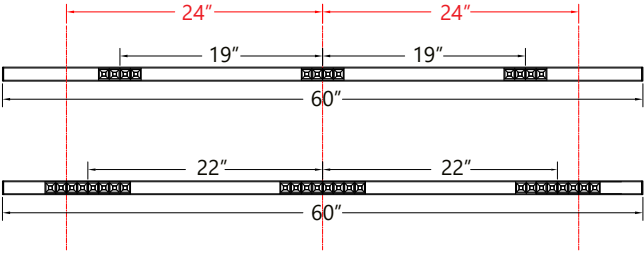
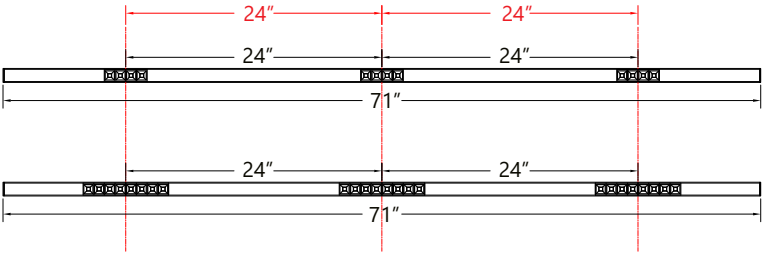
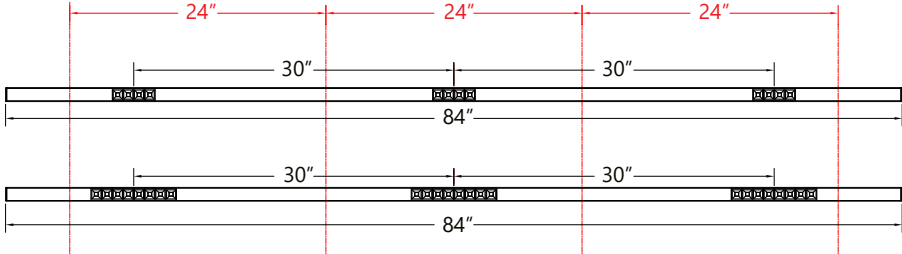
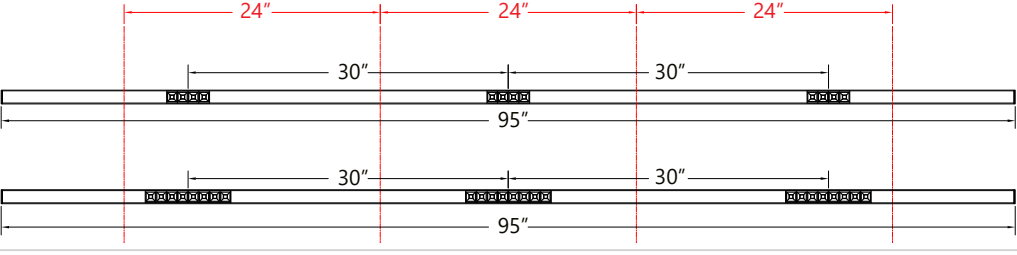
Slate 1

FOR WOOD CEILINGS

● ACCENT CONFIGURATIONS

LENGTH	CONFIGURATION
2 feet	24" 10" 10" 28.5" 3 Accents
3 feet	24" 12" 12" 36" 3 Accents 6" 6" 6" 6" 6" 36" 6 Accents
4 feet	24" 18" 18" 47" 3 Accents 8" 8" 8" 8" 8" 47" 6 Accents
5 feet	24" 24" 60" 3 Accents 10" 10" 8" 10" 10" 60" 6 Accents
6 feet	24" 24" 71" 3 Accents 12" 12" 12" 12" 12" 71" 6 Accents
7 feet	24" 24" 24" 30" 30" 84" 3 Accents 14" 14" 14" 14" 14" 14" 84" 6 Accents
8 feet	24" 24" 24" 30" 30" 95" 3 Accents 16" 16" 16" 16" 16" 16" 95" 6 Accents

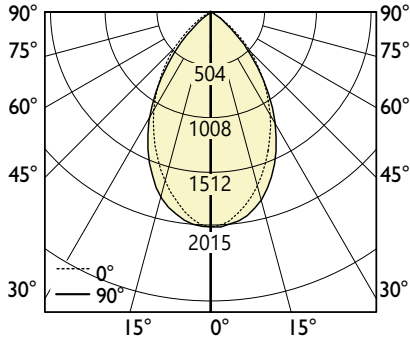
● MIKROLITE CONFIGURATIONS

LENGTH	CONFIGURATION
2 feet	N/A
3 feet	 2 four-cell MikroLite modules ML4
4 feet	 2 four-cell MikroLite modules ML4 2 twelve-cell MikroLite modules ML12
5 feet	 3 four-cell MikroLite modules ML4 3 eight-cell MikroLite modules ML8
6 feet	 3 four-cell MikroLite modules ML4 3 eight-cell MikroLite modules ML8
7 feet	 3 four-cell MikroLite modules ML4 3 eight-cell MikroLite modules ML8
8 feet	 3 four-cell MikroLite modules ML4 3 eight-cell MikroLite modules ML8

● PHOTOMETRIC DATA - MICRO LOUVER DIRECT

Micro Louver Narrow Black
600 lm/ft

PHOTOMETRIC CURVE



Direct Output: 600 lm/ft
Total Lumens: 2312 lm (for 4ft)
Input Watts: 46.9 W
Efficacy: 49 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.
IES FILE: SL1-MLNB-600-80-35-4.ies
TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	2015	2015	2015	2015	2015
5	1970	1974	1980	1992	1994
15	1689	1699	1742	1797	1820
25	1313	1324	1349	1389	1434
35	913	916	899	897	932
45	513	508	469	422	431
55	137	155	145	109	100
65	15	11	7	2	2
75	2	1	1	1	1
85	1	1	1	1	1
90	1	1	1	1	1

ZONAL LUMENS

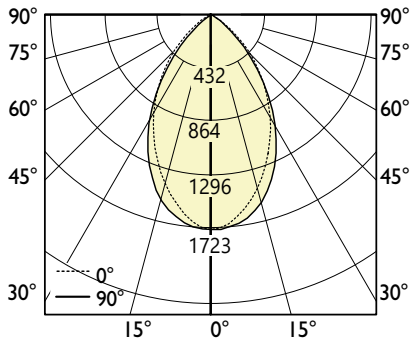
Zone	Lumens
0	
0-10	185
10-20	483
20-30	612
30-40	553
40-50	350
50-60	117
60-70	9
70-80	1
80-90	1
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	29701	27185	24947
55	9763	10321	7147
65	1425	718	159
75	277	156	142
85	518	396	336

Micro Louver Narrow Grey
600 lm/ft

PHOTOMETRIC CURVE



Direct Output: 600 lm/ft
Total Lumens: 2420 lm (for 4ft)
Input Watts: 35.7 W
Efficacy: 68 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.
IES FILE: SL1-MLNG-600-80-35-4.ies
TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1729	1729	1729	1729	1729
5	1692	1696	1704	1715	1717
15	1478	1484	1519	1563	1584
25	1191	1203	1217	1247	1287
35	876	881	869	863	894
45	558	556	524	482	489
55	245	259	241	205	198
65	106	102	92	79	76
75	51	50	44	41	41
85	13	13	14	13	13
90	1	2	1	1	1

ZONAL LUMENS

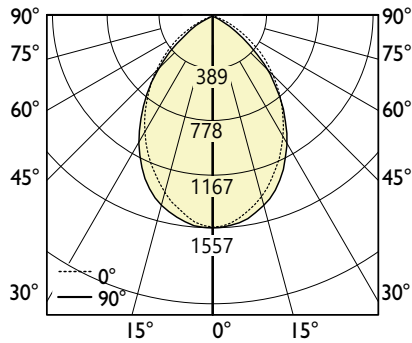
Zone	Lumens
0	
0-10	160
10-20	423
20-30	554
30-40	534
40-50	392
50-60	206
60-70	91
70-80	47
80-90	14
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	32310	30347	28321
55	17465	17230	14136
65	10260	8893	7401
75	8041	7003	6420
85	6195	6379	6094

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

● PHOTOMETRIC DATA - MICRO LOUVER DIRECT

Micro Louver Wide Black
600 lm/ft**PHOTOMETRIC CURVE**

Direct Output: 600 lm/ft
Total Lumens: 2465 lm (for 4ft)
Input Watts: 32.7 W
Efficacy: 75 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.
 IES FILE: SL1-MLWB-600-80-35-4.ies
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

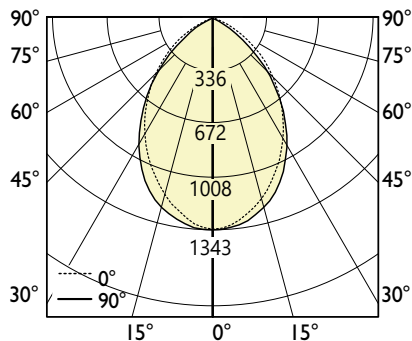
	Horizontal Angles				
Vertical Angle	0	22.5	45	67.5	90
0	1557	1557	1557	1557	1557
5	1533	1533	1541	1545	1544
15	1382	1385	1407	1438	1446
25	1158	1167	1191	1217	1242
35	904	907	906	912	943
45	636	633	603	582	603
55	372	356	316	273	276
65	124	118	90	60	53
75	6	4	2	2	2
85	2	1	1	1	1
90	1	1	1	1	1

ZONAL LUMENS

	Lumens
Zone	
0	
0-10	145
10-20	393
20-30	541
30-40	559
40-50	458
50-60	276
60-70	88
70-80	5
80-90	1
90	

LUMINANCE DATA (cd/m²)

	Horizontal Angles		
Vertical Angle	0	45	90
45	36841	34945	34945
55	26604	22563	19686
65	11986	8772	5140
75	917	353	272
85	717	492	425

Micro Louver Wide Grey
600 lm/ft**PHOTOMETRIC CURVE**

Direct Output: 600 lm/ft
Total Lumens: 2402 lm (for 4ft)
Input Watts: 25.87 W
Efficacy: 93 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.
 IES FILE: SL1-MLWG-600-80-35-4.ies
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

	Horizontal Angles				
Vertical Angle	0	22.5	45	67.5	90
0	1343	1343	1343	1343	1343
5	1328	1324	1327	1330	1330
15	1205	1204	1218	1231	1240
25	1029	1029	1039	1048	1064
35	827	819	806	799	814
45	611	596	559	529	532
55	392	371	323	276	269
65	179	166	132	100	89
75	52	49	42	38	35
85	14	13	11	9	8
90	1	1	1	1	1

ZONAL LUMENS

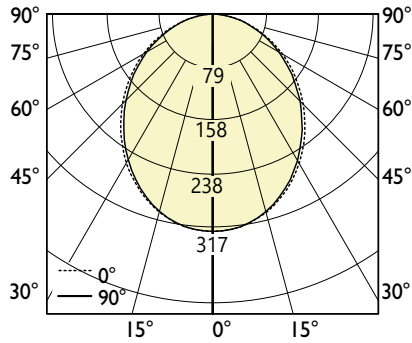
	Lumens
Zone	
0	
0-10	125
10-20	343
20-30	479
30-40	510
40-50	441
50-60	300
60-70	141
70-80	49
80-90	14
90	

LUMINANCE DATA (cd/m²)

	Horizontal Angles		
Vertical Angle	0	45	90
45	35413	32387	30844
55	27995	23059	19211
65	17399	12749	8674
75	8183	6665	5578
85	6758	5255	3992

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

● PHOTOMETRIC DATA - DIRECT

Spotless Lens
200 lm/ft**PHOTOMETRIC CURVE**

Direct Output: 200 lm/ft
Total Lumens: 800 lm (for 4ft)
Input Watts: 9.1 W
Efficacy: 88 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.
 IES FILE: SL1-SO-200-80-35-4.IES
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

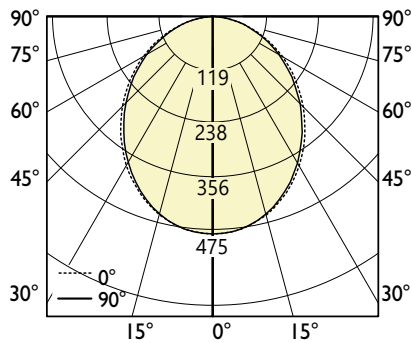
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	317	317	317	317	317
5	315	315	315	315	315
15	299	299	299	298	298
25	270	270	268	267	266
35	231	231	228	226	225
45	187	186	183	180	179
55	140	140	137	134	133
65	94	94	92	90	89
75	48	49	49	48	47
85	12	12	12	11	11
90	1	1	1	1	1

ZONAL LUMENS

Zone	Lumens
0	
0-10	30
10-20	84
20-30	123
30-40	143
40-50	141
50-60	123
60-70	91
70-80	51
80-90	14
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	7985	7851	7675
55	7389	7239	7033
65	6701	6567	6363
75	5668	5694	5514
85	4079	4203	3874

Spotless Lens
300 lm/ft**PHOTOMETRIC CURVE**

Direct Output: 300 lm/ft
Total Lumens: 1200 lm (for 4ft)
Input Watts: 12.6 W
Efficacy: 95 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.
 IES FILE: SL1-SO-300-80-35-4.IES
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	475	475	475	475	475
5	472	472	472	472	472
15	449	449	448	447	447
25	405	405	403	400	399
35	346	346	342	338	337
45	280	280	275	271	269
55	210	210	206	202	200
65	140	140	138	135	133
75	73	74	73	72	71
85	18	18	18	17	17
90	1	1	1	1	1

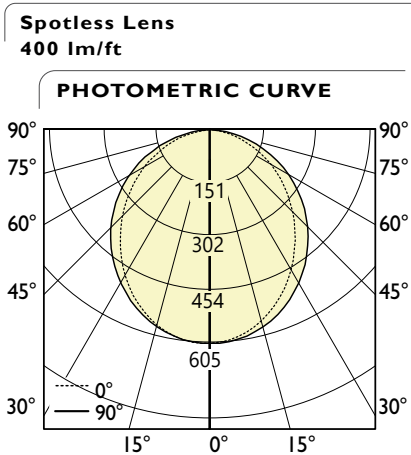
ZONAL LUMENS

Zone	Lumens
0	
0-10	45
10-20	126
20-30	185
30-40	214
40-50	212
50-60	184
60-70	136
70-80	77
80-90	21
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	11978	11776	11513
55	11084	10859	10550
65	10051	9851	9544
75	8502	8542	8271
85	6118	6304	5810

● PHOTOMETRIC DATA - DIRECT



Direct Output: 400 lm/ft
Total Lumens: 1600 lm (for 4ft)
Input Watts: 16.01 W
Efficacy: 100 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.
IES FILE: SL1-SO-400-80-35-4.IES
TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION					
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	604	604	604	604	604
5	597	597	599	600	601
15	558	560	567	573	576
25	494	499	512	524	529
35	415	422	441	458	466
45	329	337	360	380	390
55	241	249	273	294	303
65	154	161	182	202	209
75	72	78	91	106	112
85	11	13	17	23	25
90	0	0	0	1	0

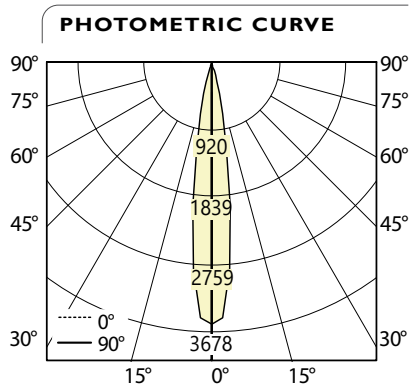
ZONAL LUMENS	
Zone	Lumens
0	
0-10	57
10-20	161
20-30	239
30-40	281
40-50	285
50-60	253
60-70	190
70-80	106
80-90	27
90	

LUMINANCE DATA (cd/m²)			
Vertical Angle	Horizontal Angles		
	0	45	90
45	41858	45837	49617
55	37812	42873	47624
65	32769	38735	44638
75	25073	31762	39068
85	11103	17519	25974

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

● PHOTOMETRIC DATA - ACCENTS

Accent 20 degree



Total Lumens: 391 lm (for 1 accent)
Input Watts: 7.9 W
Efficacy: 49 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.
 IES FILE: Stencil-AC-D20(A17399G-20 DG).IES
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	3605	3605	3605	3605	3605
5	2668	2516	1376	2760	2863
15	398	366	183	405	422
25	50	48	23	57	53
35	12	11	5	12	12
45	6	6	3	6	6
55	4	4	2	4	4
65	3	3	1	3	3
75	1	1	0	1	1
85	0	0	0	0	0
90	0	0	0	0	0

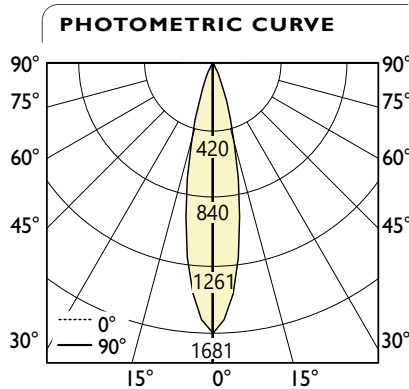
ZONAL LUMENS

Zone	Lumens
0	
0-10	211
10-20	131
20-30	29
30-40	8
40-50	4
50-60	4
60-70	3
70-80	1
80-90	0
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	16184	7724	16550
55	14208	6951	14208
65	12306	6360	13742
75	5358	3013	6027
85	1986	1005	5958

Accent 35 degree



Total Lumens: 355 lm (for 1 accent)
Input Watts: 6.8 W
Efficacy: 52 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.
 IES FILE: Stencil-AC-D35(A18322G-35 DG).IES
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1681	1681	1681	1681	1681
5	1442	1453	1453	1455	1453
15	527	518	518	512	506
25	110	109	112	108	105
35	25	25	25	25	24
45	9	9	9	9	9
55	5	5	5	5	5
65	3	3	3	3	3
75	1	1	1	1	1
85	0	0	0	0	0
90	0	0	0	0	0

ZONAL LUMENS

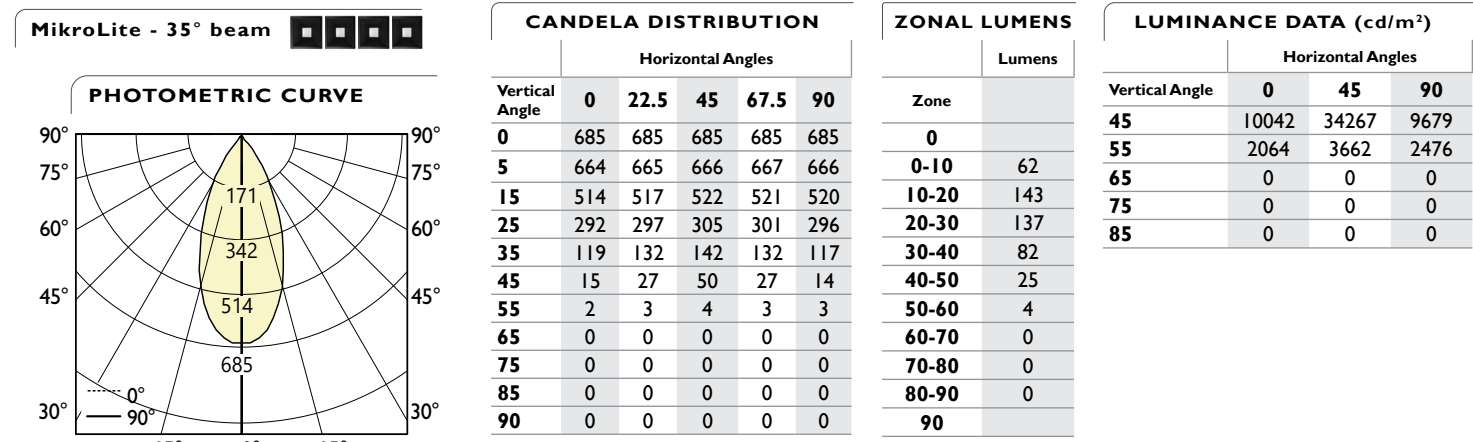
Zone	Lumens
0	
0-10	123
10-20	145
20-30	55
30-40	17
40-50	7
50-60	5
60-70	3
70-80	1
80-90	0
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	30812	31571	30121
55	21803	22482	21803
65	15718	15604	16184
75	4908	4908	5289
85	2236	1684	2236

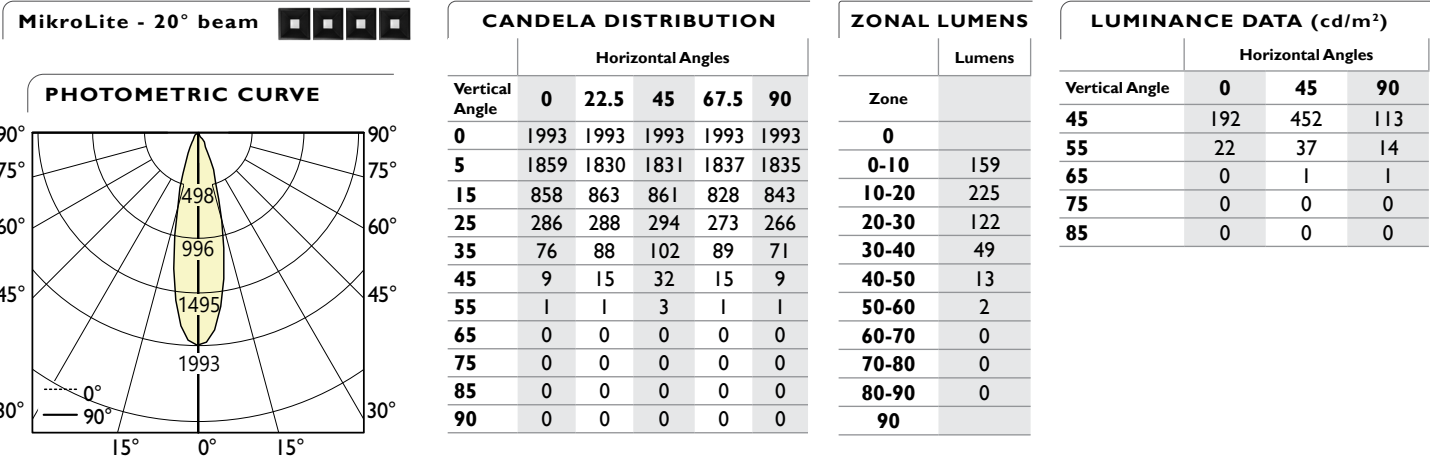
i All IES files are available for download at: www.axislighting.com

● PHOTOMETRIC DATA - MikroLite 1.0



Total Lumens: 452 lm (for 1 accent)
Input Watts: 6.59 W
Efficacy: 69 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.
IES FILE: MKL-D35-A18323G.IES
TESTED ACCORDING TO IES LM-79-2008



Total Lumens: 569 lm (for 1 module)
Input Watts: 6.6 W
Efficacy: 86 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.
IES FILE: MKL-D20-A18324G.IES
TESTED ACCORDING TO IES LM-79-2008

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