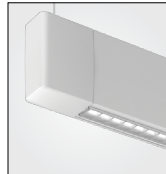
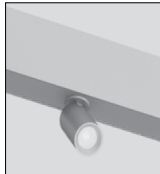


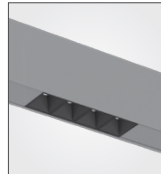
Micro lens shown



Micro Louver shown



Accent regular shown



MikroLite 1.0 shown



SurroundLite®



MikroLite®

Project _____

Type _____

Notes _____

A configuration drawing is required

Factory is available for assistance

See page 2 for example of how to specify

PRODUCT DIRECTORY

NOTE: For Hub End Caps, In-line hubs, Blank, Indirect or Accent segments please refer to the product directory code directory below.

PRODUCT ID	END CAPS		DISTRIBUTIONS								JOINING	
	HUB	FLAT	FLUSH	MICRO LOUVER	INDIRECT SURROUNDITE	INDIRECT/INDIRECT ASYM.	MIKROLITE	ACCENTS	NO DIRECT	NO INDIRECT	IN-LINE HUB	CONTINUOUS RUN
STD ⁽¹⁾		✓	✓	✓								✓
STI ⁽²⁾		✓			✓	✓		✓				✓
STCO ⁽³⁾	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
STFC ⁽⁴⁾			✓	✓	✓	✓	✓	✓	✓	✓	✓	
STLDI ⁽⁵⁾	✓		✓	✓	✓	✓		✓	✓			✓
STFDI ⁽⁶⁾	✓		✓	✓	✓	✓		✓	✓	✓	✓	

⁽¹⁾ Stencil Pendant Direct LED Linear.

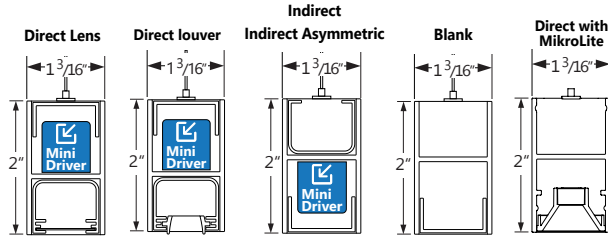
⁽²⁾ Stencil Pendant Indirect/ Indirect Asymmetric LED Linear.

⁽³⁾ Stencil Pendant LED Combined Distribution Linear.

⁽⁴⁾ Stencil Pendant Combined Forms.

⁽⁵⁾ Stencil Pendant Surroundlite Linear Direct / Indirect.

⁽⁶⁾ Stencil Pendant Surroundlite Forms Direct / Indirect.



See page 4 for Accent section view

Ordering Guide

STCO													
PRODUCT ID		TOTAL LENGTH & NOM. LUMENS/FT - INDIRECT				TOTAL LENGTH & NOM. LUMENS/FT - DIRECT						TOTAL LENGTH - BLANK (OPT.)	
STCO	Stencil Pendant LED Linear with combined distribution options	SLI(length, lumen)	SurrounLite indirect	175	175 lm/ft	DSO(length, lumen)	direct spotless lens	200	200 lm/ft	SO lens option only	BK(L)	blank	
		+SLIA(length, lumen)	SurroundLite indirect asy.	250	250 lm/ft	DMLBK(length, lumen)	direct micro louver black*	300	300 lm/ft				
		NI	no indirect	350	350 lm/ft	DMLG (length, lumen)	direct micro louver grey*	400	400 lm/ft				
				500	500 lm/ft	ND	no direct	150	150 lm/ft	Micro louver option only			
				700	700 lm/ft		225	225 lm/ft					
				1000	1000 lm/ft		300	300 lm/ft					
								450	450 lm/ft				
								600	600 lm/ft				
		Lit segments are available in 1' increments.				Lit segments are available in 1' increments.						Available in any length; min 7", max 8'.	

HUB QUANTITY - SERIES A (OPT.)		CRI		COLOR TEMP.		FINISH		VOLTAGE		DRIVER		CIRCUITS	
+AI(#)	Inline Hub (180°)	80	80 CRI	27	2700 K*	AP	aluminum paint	120	120 V	DP	integral driver 0-10V	1	1 circuit
		90	90 CRI	30	3000 K	W	white	277	277 V		dimming 1%*	2	2 circuits
				35	3500 K	BLK	black	347	347 V*	POE(#)	POE drivers**	+E(#)	emergency circuit*
				40	4000 K	C	custom	UNV	universal			+NL(#)	night light circuit
								DC	low voltage**				
		Applies to both Up and Down		Applies to both Up and Down *10% decrease in lumen output				* Consult factory ** Only available with POE drivers.		*Only integral 0-10V driver available ** Specify system		* Specify quantity	

MOUNTING/SUSPENSION	CANOPY	BATTERY - REMOTE (OPT.)	CUSTOM (OPT.)
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.) CASL(#) drywall cable sloped ceiling	RC round canopy SC square canopy	BR(#) remote battery pack	C custom
See Mounting kit guide for full specification code. Specify length	White canopy standard	Remote only	Please specify

Ordering Guide -MikroLite and Accent (Optional)

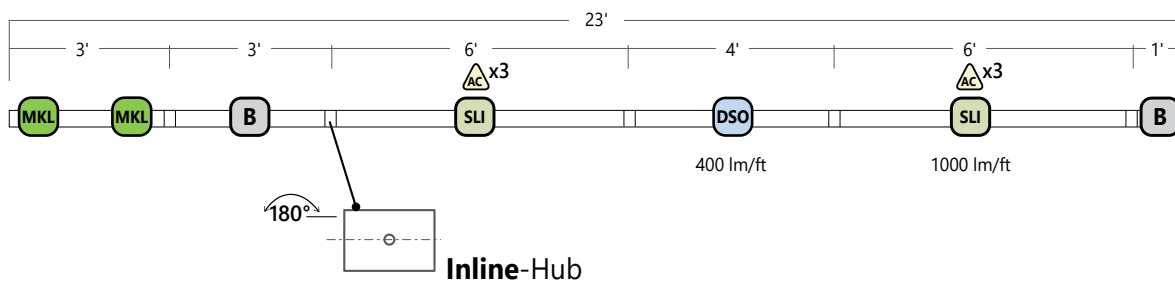
* For Accent only, specify the total blank length. Specify NO for total direct & indirect length.

MKL (#, Beam Angle, Finish)			AC (#, Option, Beam, Finish)			
MIKROLITE MODULE QTY.	BEAM ANGLES	CELL FINISH	ACCENT QUANTITY	ACCENT OPTION	BEAM	ACCENT FINISH
(#) MikroLite module quantity	MKL35 35 deg MKL20 20 deg	GR gray BLK black	(#) accent quantity	R regular	AC20 20 deg AC35 35 deg	AP aluminum paint W white BLK black
1 module contains 4 MikroLites; Module length is 4". Minimum length for MikroLite option is 3'. Minimum distance from edge 3". 500 lm/module See page 4 for more information.			500 lumens per accent with 0-10 dimming (1%) Only 1 accent per 2ft segments* For segments* over 2ft, min. spacing between accents is 4" *A segment is the linear space between 2 hubs. See page 4 for more information.			

How to Specify Total Linear Length, Distributions

Example

DSO Direct lens
 DMLG Direct louver
 SLI SurroundLite Indirect
 SLIA SurroundLite Indirect Asymmetric
 MKL MikroLite
 B Blank
 AC Accent



1. Specify Total Length - Indirect

SLI(12,1000)
 TOTAL LENGTH* & NOM. LUMENS/FT -
 SURROUNDITE INDIRECT



2. Specify Total Length - Direct

DSO(4,400)
 TOTAL LENGTH* & NOM. LUMENS/FT - DIRECT



direct spotless lens
DSO(4,400)
 4' 400 lm/ft

3. Specify Total Length - Blank

BK(4)
 TOTAL LENGTH** - BLANK



4. Specify Hub Quantity

AI(4)
 HUB QTY***



5. Specify MikroLite Module (if necessary)

MKL(2,35,GR)
 MikroLite MODULE (OPT.)



MikroLite 35 degree
MKL(2,35,GR)
 Qty. 2 gray

6. Specify Accent Quantity (if necessary)

AC(6,R,AC20,AP)
 ACCENT QTY



Accent Regular Aluminum paint
AC(6,R,AC20,AP)
 Qty. 6 20 degree
 - Accent provided on blank section by default (min length 3').
 - Also compatible with indirect segments (min length 6').

Specify total linear length of each distribution.

**Blank segments: available in any length; min 7", max 8'.

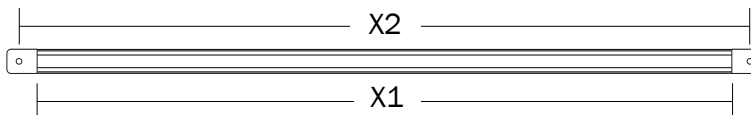
***Specify total quantity of Hubs

● SEGMENT LENGTHS AND MOUNTING POINTS

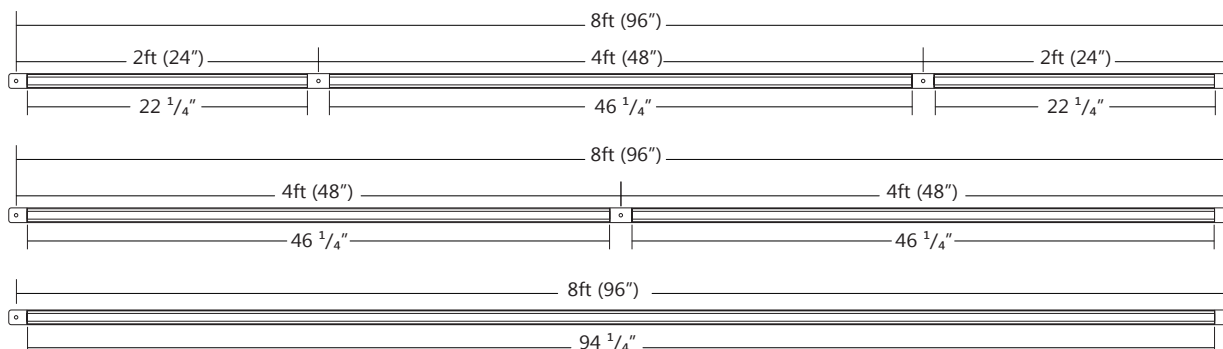
Stencil lit segments are available in one foot increments. Unlit blank segments are available in any length from 7" to 8'. Segments exceeding 8' in length are comprised of a combination of lengths to be assembled on site with an Inline Hub. Minimum blank segment length for one Accent is 3'. Minimum segment length for Accent and Indirect is 6'.

For more information on systems and joining, please refer to the Stencil installation sheets available for download at www.axislighting.com.

Feet	Segment length X1		Mounting points X2	
	Inches	mm	Inches	mm
2	22.250	565	24.000	610
3	35.125	892	36.875	937
4	46.250	1175	48.000	1219
5	57.375	1457	59.125	1502
6	70.250	1784	72.000	1829
7	81.375	2067	83.125	2111
8	94.250	2394	96.000	2438



X1 - Segment length
X2 - Mounting points

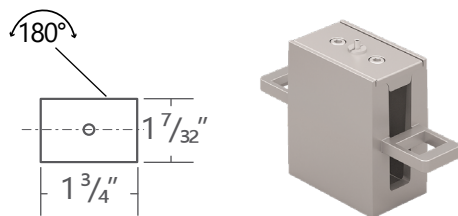


i Lengths above 8' will require Inline Hub.
Available in 1' increments.

● HUBS

Patent-pending system combining mechanical, electrical and suspension functions. Non-illuminated lighting segment connectors: **Inline-Hub (180°)**.

Inline -Hub (180°)



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 3.0-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 101 lm/W.

CONSTRUCTION

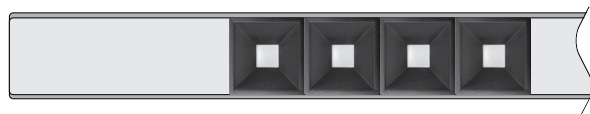
Housing	Extruded Aluminum (0.080" nominal) up to
End Cap+Joiner	Die Cast Aluminum
Interior Brackets	Die Formed Sheet Steel (20 gauge)
Reflectors	White Powder Coated Sheet Steel (22 gauge)
Lenses	Extruded Acrylic
Hanger	Die Cast Aluminum
Suspension	1mm Aircraft Cable along product length
Cable Grips	Quick Connecting / Release

ELECTRICAL

DP driver	STENCIL features integral 0-10V driver 1% dimming standard.
Power over Ethernet POE drivers* (consult factory for more information) UL2108 certified for integral or remote driver	MOLEX IGOR SMARTENGINE O - Other (Consult factory)
Emergency	Remote emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, 347V, UNV.

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

STENCIL PENDANT WITH MIKROLITE 1.0



3" min 4"

1 module contains 4 Mikrolites

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.

FINISH

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

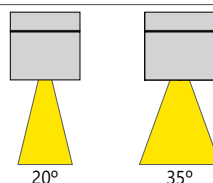
APPROVALS

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

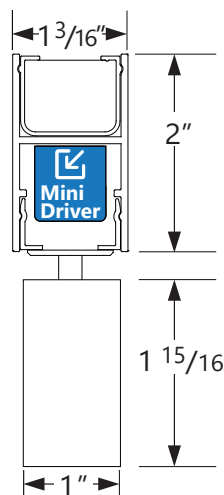
LIGHT GUIDE

High precision light guide made of PMMA material, allows distribution of controlled light in all 3-dimensions to put light on both vertical and horizontal planes within the space. Patented lightguide design featuring molecular optics and precision-coupled optic components yield a high efficiency luminaire. In-plane mixing maximizes color uniformity while light emitting area is uniform and diffuse without 'head lighting' from the LED's.

ACCENT BEAM SPREADS



STENCIL WITH ACCENT SECTION VIEW



ACCENT EFFICACY

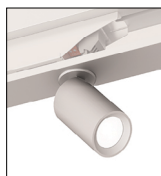
3 Accents / Driver	120V, 21W, 0.18A; 277V, 21.5W, 0.10A.
1 Accent / Driver	120V, 8W, 0.12A; 277V, 8.4W, 0.06A.

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



Accent

ACCENT OPTIONS



Regular shown

Accent positioning options.

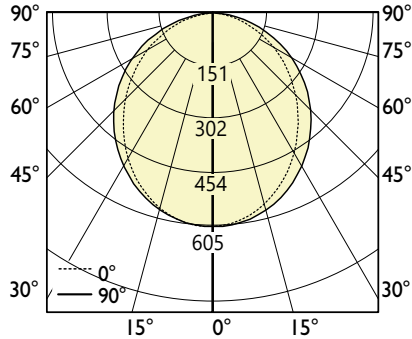


Accent on segment

● PHOTOMETRIC DATA - DIRECT

400 lm/ft - SO lens

PHOTOMETRIC CURVE



Direct Output: 400 lm/ft
Total Lumens: 1600 lm (for 4ft)
Input Watts: 16 W
Efficacy: 100 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.
 IES FILE: STD-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	

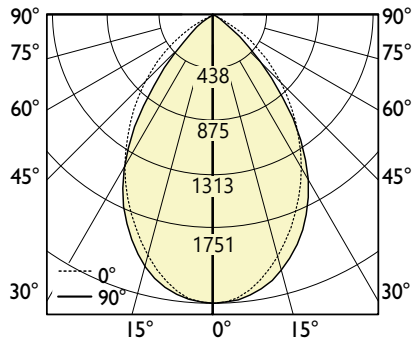
LUMINANCE DATA (cd/m²)

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

600 lm/ft - MLBK micro louver black

PHOTOMETRIC CURVE



Direct Output: 600 lm/ft
Total Lumens: 2297 lm (for 4ft)
Input Watts: 44.1 W
Efficacy: 52 lm/W

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

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1751	1751	1751	1751	1751
5	1724	1727	1728	1733	1736
15	1517	1523	1555	1593	1603
25	1228	1238	1260	1303	1338
35	907	910	908	906	925
45	584	579	530	419	397
55	278	270	173	98	89
65	13	20	13	3	3
75	2	1	1	1	1
85	1	0	0	0	0
90	0	0	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	163
10-20	435
20-30	577
30-40	553
40-50	378
50-60	165
60-70	24
70-80	1
80-90	1
90	

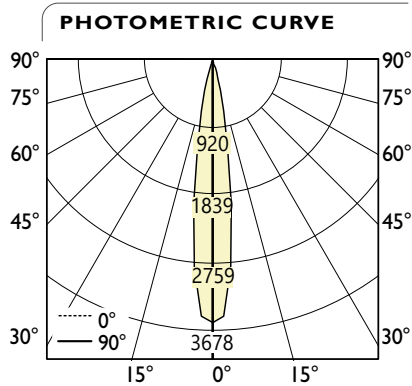
LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	65400	59286	44472
55	38311	23813	12303
65	2460	2512	518
75	651	257	263
85	519	294	262

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

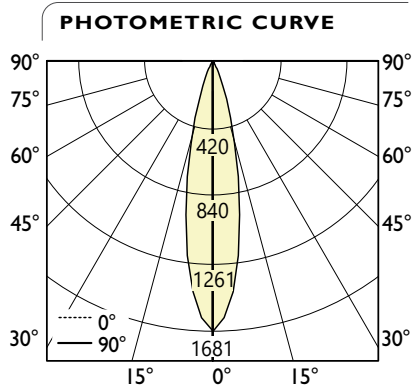
CANDELA DISTRIBUTION					
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	3605	3605	3605	3605	3605
5	2668	2516	1376	2760	2863
15	398	366	183	405	422
25	50	48	23	57	53
35	12	11	5	12	12
45	6	6	3	6	6
55	4	4	2	4	4
65	3	3	1	3	3
75	1	1	0	1	1
85	0	0	0	0	0
90	0	0	0	0	0

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

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

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	

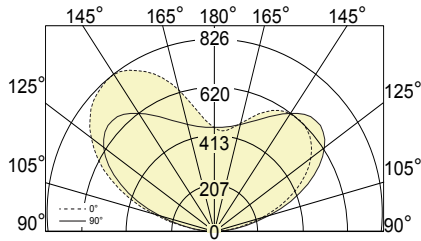
LUMINANCE DATA (cd/m²)			
Vertical Angle	Horizontal Angles		
	0	45	90
45	30812	31571	30121
55	21803	22482	21803
65	15718	15604	16184
75	4908	4908	5289
85	2236	1684	2236

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

● PHOTOMETRIC DATA - INDIRECT

700 lm/ft

PHOTOMETRIC CURVE



Indirect Output: 700 lm/ft
Total Lumens: 2691 lm (for 4ft)
Input Watts: 31 W
Efficacy: 87 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.
 IES FILE: STI-700-80-35-4.IES
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles								
	0	22.5	45	67.5	90	112.5	135	157.5	180
90	0	0	0	0	0	0	0	0	0
95	25	26	32	42	54	65	53	41	34
105	226	211	194	215	267	265	255	278	285
115	418	391	360	394	481	472	470	520	534
125	551	520	481	518	628	639	648	695	699
135	615	585	548	572	672	732	762	795	794
145	618	595	562	554	619	719	789	823	820
155	568	548	516	498	534	627	704	748	757
165	482	469	454	451	475	529	578	620	626
175	434	433	434	438	449	465	476	483	483
180	446	446	446	446	446	446	446	446	446

ZONAL LUMENS

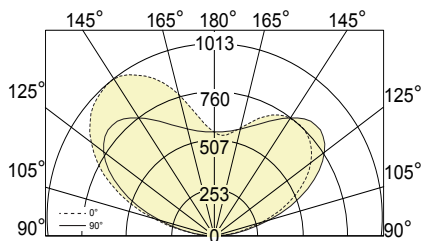
Zone	Lumens
90	
90-100	57
100-110	256
110-120	438
120-130	529
130-140	517
140-150	421
150-160	281
160-170	148
170-180	44
180	

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

● PHOTOMETRIC DATA - INDIRECT

800 lm/ft

PHOTOMETRIC CURVE



Indirect Output: 800 lm/ft
Total Lumens: 3308 lm (for 4ft)
Input Watts: 38.6 W
Efficacy: 86 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.
 IES FILE: STI-800-80-35-4.IES
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles								
	0	22.5	45	67.5	90	112.5	135	157.5	180
90	0	0	0	0	0	0	0	0	0
95	61	59	61	61	67	68	42	24	18
105	319	295	263	279	329	308	283	294	299
115	547	510	462	498	592	564	551	602	617
125	697	657	605	649	774	774	777	831	834
135	764	725	679	712	832	898	928	966	962
145	755	726	686	683	771	897	977	1012	1006
155	683	659	622	610	670	794	889	939	947
165	575	562	549	555	597	672	738	792	798
175	532	533	537	546	564	587	604	612	612
180	560	560	560	560	560	560	560	560	560

ZONAL LUMENS

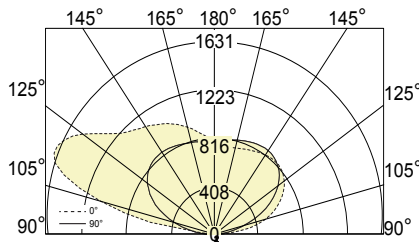
Zone	Lumens
90	
90-100	69
100-110	311
110-120	536
120-130	649
130-140	636
140-150	519
150-160	348
160-170	184
170-180	55
180	

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

● PHOTOMETRIC DATA - INDIRECT - ASYMMETRIC

1000 lm/ft

PHOTOMETRIC CURVE



Lumen/ft up: 1000 lm/ft
Total Lumens: 4300 lm (for 4ft)
Input Watts: 47.7 W
Efficacy: 90 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.
 IES FILE: STIA-1000-80-35-AS-4.IES
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles								
	0	22.5	45	67.5	90	112.5	135	157.5	180
90	0	0	0	0	0	0	0	0	0
95	125	18	24	41	30	63	33	23	20
105	479	351	331	299	263	356	605	1034	1088
115	673	597	563	534	523	604	801	1385	1631
125	789	752	719	707	717	792	925	1265	1484
135	837	833	801	801	828	896	996	1140	1217
145	823	844	826	832	868	935	1010	1087	1114
155	789	822	814	824	857	917	978	1025	1039
165	760	791	792	802	827	863	902	931	940
175	768	781	784	790	800	812	822	831	834
180	794	794	794	794	794	794	794	794	794

ZONAL LUMENS

Zone	Lumens
90	
90-100	159
100-110	575
110-120	777
120-130	788
130-140	706
140-150	573
150-160	408
160-170	237
170-180	77
180	

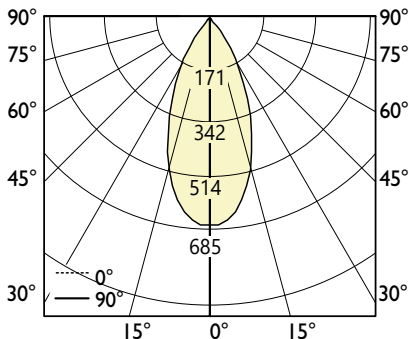
i All IES files are available for download at: www.axislighting.com

● PHOTOMETRIC DATA - MikroLite 1.0

MikroLite - 35° beam



PHOTOMETRIC CURVE



Total Lumens: 452 lm (for 1 module)
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

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	685	685	685	685	685
5	664	665	666	667	666
15	514	517	522	521	520
25	292	297	305	301	296
35	119	132	142	132	117
45	15	27	50	27	14
55	2	3	4	3	3
65	0	0	0	0	0
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	62
10-20	143
20-30	137
30-40	82
40-50	25
50-60	4
60-70	0
70-80	0
80-90	0
90	

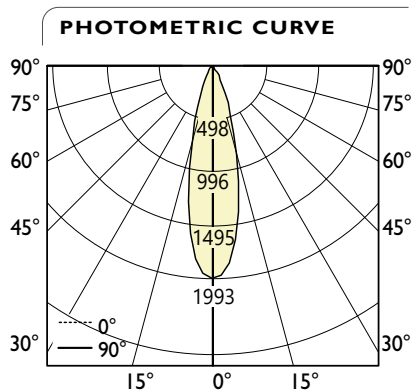
LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	10042	34267	9679
55	2064	3662	2476
65	0	0	0
75	0	0	0
85	0	0	0

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

● PHOTOMETRIC DATA - MikroLite 1.0

MikroLite - 20° beam



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

CANDELA DISTRIBUTION

	Horizontal Angles				
Vertical Angle	0	22.5	45	67.5	90
0	1993	1993	1993	1993	1993
5	1859	1830	1831	1837	1835
15	858	863	861	828	843
25	286	288	294	273	266
35	76	88	102	89	71
45	9	15	32	15	9
55	1	1	3	1	1
65	0	0	0	0	0
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

ZONAL LUMENS

	Lumens
Zone	
0	
0-10	159
10-20	225
20-30	122
30-40	49
40-50	13
50-60	2
60-70	0
70-80	0
80-90	0
90	

LUMINANCE DATA (cd/m²)

	Horizontal Angles		
Vertical Angle	0	45	90
45	192	452	113
55	22	37	14
65	0	1	1
75	0	0	0
85	0	0	0

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