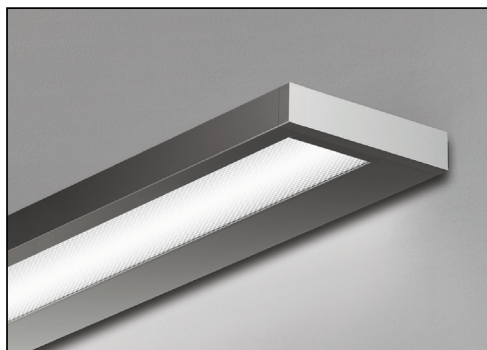




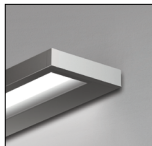
Shown with VL optic



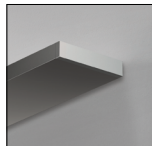
Shown with louver



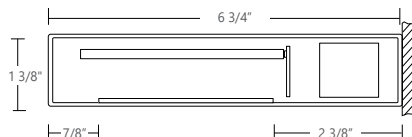
Shown with SM lens



Shown regressed



Shown indirect



Project _____

Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT AT 3500K WITH (SM) SMOOTH LENS

DISTRIBUTION	NOMINAL LUMEN OUTPUT		INPUT WATTS FOR 4 FT	EFFICACY
	UP	DOWN		
75up/25down at 1000 lm/ft	750 lm/ft	250 lm/ft	37 W	110 lm/W
100up/0down at 1000 lm/ft	1000 lm/ft	0 lm/ft	28 W	115 lm/W

REFER TO PHOTOMETRIC DATA SECTION FOR EXACT VALUES

**Ordering Guide**

SLWLED									
PRODUCT ID		LIGHT ENGINE		NOMINAL LUMENS/FT		CRI		COLOR TEMPERATURE (choose one)	
SLWLED	Wall LED	SL 75/25	surroundlite 75%up/25%down	600	600 lm/ft	80	80 CRI	27	2700 K
		SL 100/0	surroundlite 100%up/0% down*	800	800 lm/ft	90	90 CRI	30	3000 K
				1000	1000 lm/ft			35	3500 K
								40	4000 K
		* Only available with NO (no shielding) shielding option.		Applies to both UP & DOWN. Consult factory for outputs outside of the listed range. Consult factory for max output with 90 CRI		Applies to both UP & DOWN.		Applies to both UP & DOWN. Consult Axitune technical sheet for more information of color technology.	

SHIELDING		FIXTURE LENGTH (FT)		FINISH		VOLTAGE		DRIVER	
VL	VL optic	2	2'	AP	aluminum paint	120	120 V	DP	dimming (0-10V) 1%
PL	flat-blade louvers	4	4'	W	white	277	277 V	LT	Lutron
SM	smooth lens*	8	8'	BLK	black	347	347 V *	BI	bi-level dimming
RE	regressed	12	12'	C	custom	UNV	universal	O(#)	other**
NO	no shielding**	S(L)	system run			DC	low voltage**	TW(#)	tunable white drivers*
* Default lens for Tunable white and BIOS. Consult factory for other lens.		Available increments 1ft. Minimum length 2ft.				Applies to both UP & DOWN. * Consult factory		Applies to both UP & DOWN. *See page 4 to specify system	
** Only available with SL 100/0 light engine						** Only available with POE drivers.		**Please consult factory; see page 4	

CIRCUITS		BATTERY		IC CONTROLS		CUSTOM (OPT.)	
1	1 circuit	B(#)	battery pack	DS(#)	daylight sensor	C	custom
2	2 circuits			OS(#)	occupancy sensor		
2A/B	2 circuit alternating/4ft			DOS(#)	daylight & occupancy sensor		
+E(#)	emergency section			EN(#)	Enlighted integral		
+NL(#)	night light section			ENR(#)	Enlighted remote		
+GTD(#)	generator transfer device			WC(#)	wireless control dimming		
Control UP & DOWN lights together		Not available with 347V Please consult factory		Applies to both UP & DOWN. Specify quantity. Requires 8" blank. See integrated controls guide for more details. Consult factory for Tunable White.		Please specify	

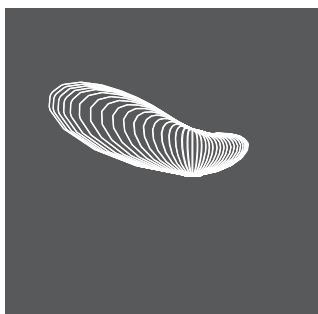
● SURROUNDLITE TECHNOLOGY

SLIM with SurroundLite provides the flexibility of high efficacy spherical three dimensional wide batwing distributions and shielding options that all result in true lighting effectiveness. SLIM is only 1.375" depth with integral driver and a light guide with proper cutoff and no view of bugs or dust particles.

An innovative technology to get much more out of LEDs: Axis SurroundLite is based on the fundamental physics of how light interacts with matter. The specially engineered lightguide is made of precisely coded and aligned molecules that shape LED output in all three dimensions.

With SurroundLite extra-wide, multidimensional light distribution, light is directed in all three planes and sent in every corner of the room. SurroundLite brings the promise of balanced brightness, facilitating lighting design.

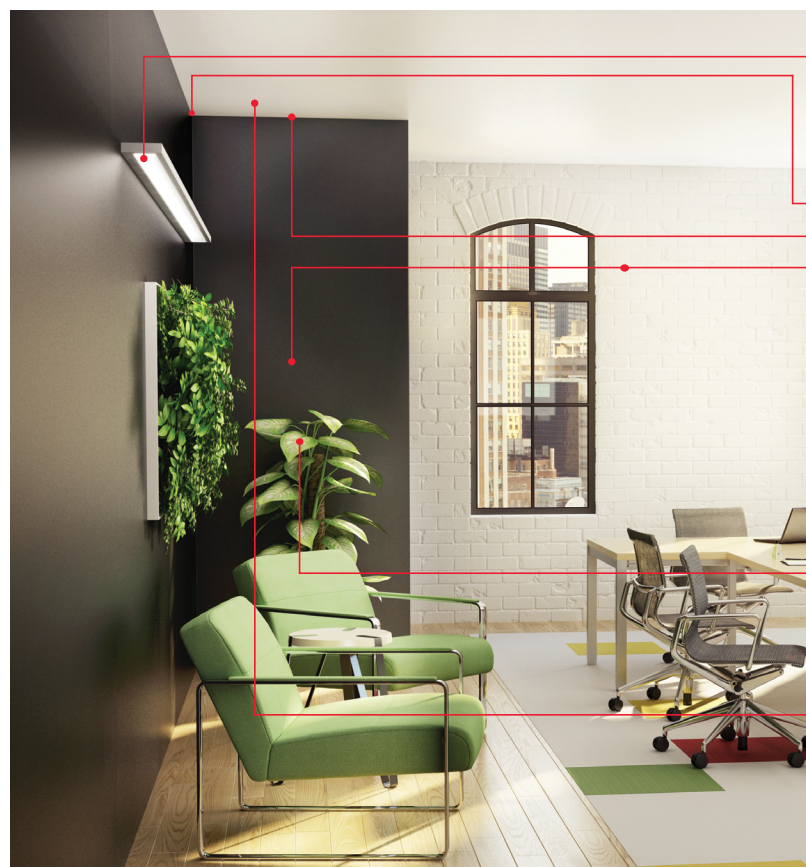
3D Polar Curve (SL 100/0)



3D Polar Curve (SL 75/25)



● SURROUNDLITE BENEFITS



Glare Mitigation

Regressed lens, VL Optic, louvers and lenses yield lower luminance on the luminaire's light-emitting area.

Reduced 'Cave Effect', Increased Perceived Brightness

Wide 3D batwing uplight distribution lights up corners.

Lighting at seam between ceiling and wall.

3D light distribution from luminaire extremities lights up adjacent spaces and vertical planes.

Use of Fewer Luminaires

The 3D nature of light distribution is well suited to shorter run lengths and reducing the need for continuous rows.

Better Facial Modeling / Facial Recognition

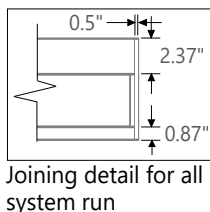
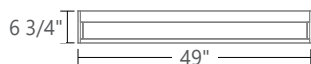
Reflected light from illuminated surfaces within the space results in soft fill light on the vertical plane.

No Streaks or Hot Spots of Light

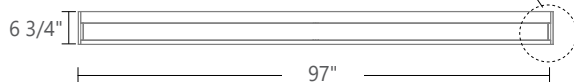
Axis SurroundLite technology spreads out light uniformly versus Lambertian distributions that put an intensity of light directly above and below the luminaire.

● LENGTHS

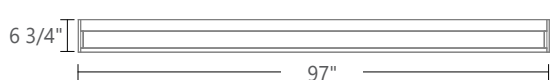
SLIM SurroundLite 4ft (4)



SLIM SurroundLite 8ft Continuous (with 8' shielding)



SLIM SurroundLite 8ft Continuous (with 8' shielding)



● SYSTEMS (S#)

Runs of SLIM SurroundLite that are greater than 12ft in length are designated as systems (S#). This means that the run is comprised of a combination 4ft and/or 8ft sections to be assembled on site using our joining system. For more information on systems and joining, please refer to the SLIM SurroundLite installation sheets available at: www.axislighting.com under 'Downloads' tab.

● WEIGHT

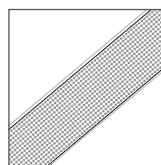
SLIM SL 4 ft	8 lbs / 3.6 kg
SLIM SL 8 ft	16 lbs / 7.3 kg
SLIM SL 12 ft	24 lbs / 10.9 kg

● OTHER MOUNTING OPTIONS

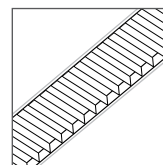
SLIM SurroundLite is also available as a pendant mount.

- i** Specification sheets for pendant mount SLIM luminaires are available at www.axislighting.com

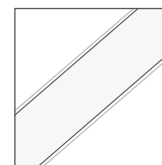
● OPTICS



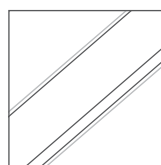
VL VL optic



PL flat blade louvers



SM smooth lens

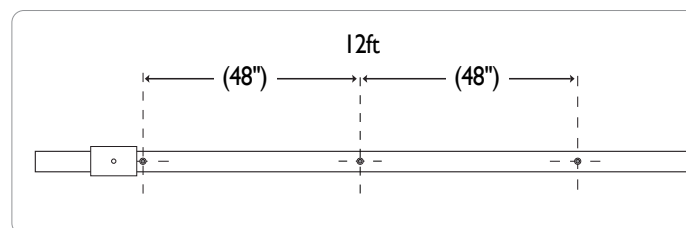
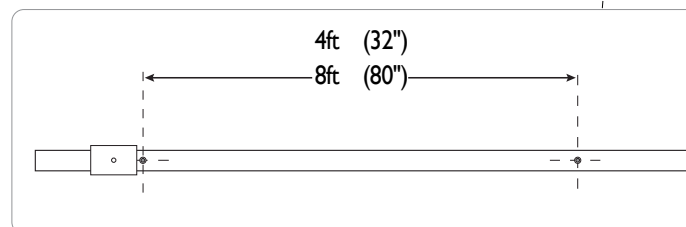
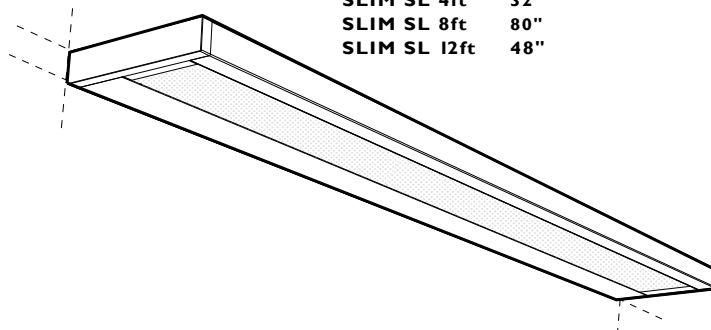


RE regressed

● MOUNTING SPACING

Distance Between Mounting Points:

SLIM SL 4ft	32"
SLIM SL 8ft	80"
SLIM SL 12ft	48"



- i** Row configuration and mounting spacing file is available for download at: www.axislighting.com

● CONSTRUCTION

Housing	Extruded aluminum (0.075" nominal)
End Cap	Die cast aluminum (0.10" nominal)
Joiners	Die cast aluminum (0.10" nominal)
Interior Bracket	Die formed zintec (22 gauge)
Top Covers	Cold rolled sheet steel painted (24 gauge)
 VLOptic™	PMMA Precision formed microconical structure; 92 percent transmission that cuts off glare above 55 degrees
Smooth Lens	Uniform frosted acrylic lens
Flat blade louvers	Semispecular aluminum material (electronically anodized) for added visual comfort

● 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
UL2108 certified for integral or remote driver	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.

● FINISH

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

● APPROVALS

Certified to UL and CSA standards
Suitable for damp locations.



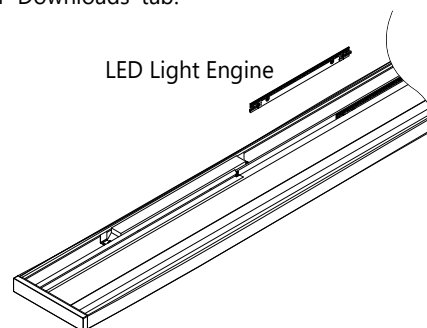
● LED SYSTEM

CRI	Minimum 80 or 90 color rendering index.
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 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).

● LED UPGRADE / REPLACEMENT

All LED light engines used are field replaceable and upgradable to ensure the lighting system will last for years. Future-proof design comes with easy access to LED light engines from above using quick connectors (included in luminaire) and a screwdriver.

i For more information on LED light engine upgrade and replacement, please refer to the SLIM LED Light Engine Replacement sheet available at: www.axislighting.com under 'Downloads' tab.



● WARRANTY

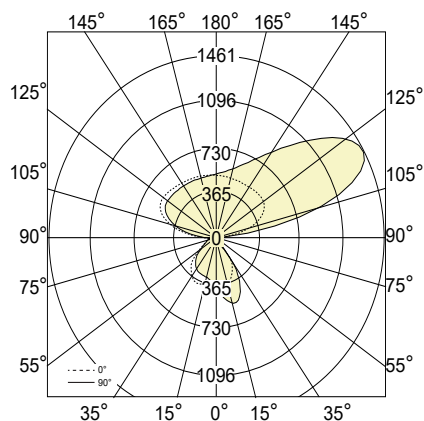
Limited 5-year warranty is available. Warranty is valid provided luminaires are installed and used according to specifications. For full terms and conditions, please consult warranty section at axislighting.com.

● PHOTOMETRIC DATA

VL LENS (VL)

SLWLED-SL-75-25-1000-80-35-VL-4
75% up / 25% down at 1000 lm/ft

PHOTOMETRIC CURVE



Lumen/ft up: 800 lm/ft
Lumen/ft down: 206 lm/ft
Total lumens: 4028 lm (for 4ft)
Input Watts: 35.17 W
Efficacy: 115 lm/W

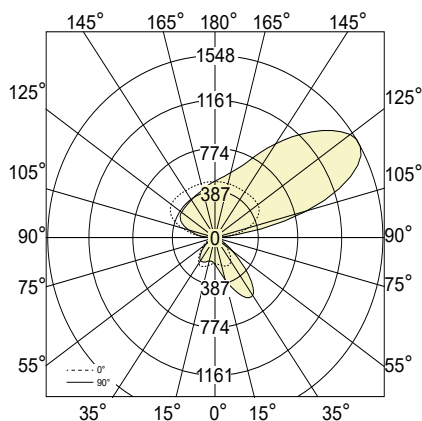
CRI:80 shown (for CRI:90 use 0.8 multiplier on watts and efficacy)
IES FILE: SLWLED-SL-75-25-1000-80-35-VL-4.IES

TESTED ACCORDING TO IES LM-79-2008

FLAT-BLADE LOUVER (PL)

SLWLED-SL-75-25-1000-80-35-PL-4
75% up / 25% down at 1000 lm/ft

PHOTOMETRIC CURVE



Lumen/ft up: 776 lm/ft
Lumen/ft down: 219 lm/ft
Total lumens: 3978 lm (for 4ft)
Input Watts: 36.61 W
Efficacy: 109 lm/W

CRI:80 shown (for CRI:90 use 0.8 multiplier on watts and efficacy)
IES FILE: SLWLED-SL-75-25-1000-80-35-PL-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	345	345	345	345	345
5	351	337	327	320	318
15	373	337	316	305	301
25	364	323	300	288	283
35	308	280	257	243	241
45	217	193	174	161	153
55	80	81	79	74	70
65	43	44	43	42	44
75	27	28	27	26	27
85	10	10	11	10	8
90	1	1	1	2	2
95	102	81	84	72	64
105	336	277	273	280	281
115	477	403	401	418	424
125	522	457	451	467	476
135	516	471	465	473	478
145	506	476	471	474	476
155	500	481	475	475	476
165	497	486	480	478	478
175	495	491	488	487	487
180	495	495	495	495	495

ZONAL LUMENS

Zone	Lumens
0	
0-10	34
10-20	110
20-30	176
30-40	196
40-50	151
50-60	75
60-70	43
70-80	28
80-90	10
90	
90-100	125
100-110	487
110-120	669
120-130	631
130-140	494
140-150	359
150-160	245
160-170	144
170-180	48
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	2961	2366	2091
55	1341	1330	1179
65	977	986	1002
75	997	990	1008
85	1068	1209	918

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	219	219	219	219	219
5	220	212	206	203	203
15	240	218	205	201	202
25	266	232	219	218	224
35	255	222	212	218	231
45	194	175	167	167	177
55	134	123	109	101	106
65	85	73	60	54	58
75	39	27	18	13	13
85	5	3	2	1	1
90	1	2	2	3	3
95	92	72	80	80	79
105	302	230	226	235	238
115	437	336	322	335	341
125	487	384	362	367	372
135	489	403	377	375	376
145	481	418	390	384	384
155	477	437	409	399	397
165	476	454	436	424	421
175	476	469	463	460	459
180	477	477	477	477	477

ZONAL LUMENS

Zone	Lumens
0	
0-10	22
10-20	74
20-30	145
30-40	202
40-50	189
50-60	132
60-70	78
70-80	29
80-90	4
90	
90-100	105
100-110	441
110-120	642
120-130	631
130-140	502
140-150	359
150-160	238
160-170	138
170-180	46
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	2638	2277	2407
55	2252	1832	1776
65	1941	1363	1318
75	1442	669	499
85	539	174	133

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

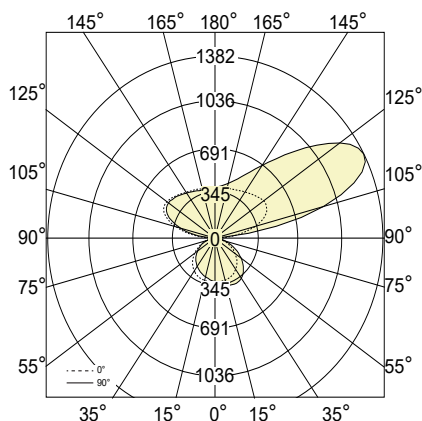
● PHOTOMETRIC DATA

SMOOTH LENS (SM)

SLWLED-SL 75-25-1000-80-35-SM-4

75% up / 25% down at 1000 lm/ft

PHOTOMETRIC CURVE



Lumen/ft up: 728 lm/ft
Lumen/ft down: 280 lm/ft
Total lumens: 4032 lm (for 4ft)
Input Watts: 36.77 W
Efficacy: 110 lm/W

CRI:80 shown (for CRI:90 use 0.8 multiplier on watts and efficacy)

IES FILE: SLWLED-SL 75-25-1000-80-35-SM-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

	Horizontal Angles				
Vertical Angle	0	22.5	45	67.5	90
0	331	331	331	331	331
5	331	327	323	321	320
15	330	317	308	303	301
25	321	303	291	284	282
35	299	279	266	259	257
45	260	241	229	224	222
55	206	192	183	179	177
65	144	133	128	126	125
75	76	72	71	70	70
85	18	19	19	19	19
90	1	1	2	2	2
95	101	81	86	77	72
105	332	276	276	286	290
115	461	394	398	421	431
125	484	429	433	455	467
135	454	418	422	438	445
145	423	401	401	411	416
155	402	389	386	389	392
165	390	383	379	378	378
175	384	381	380	379	379
180	383	383	383	383	383

ZONAL LUMENS

	Lumens
Zone	
0	
0-10	32
10-20	94
20-30	150
30-40	191
40-50	206
50-60	190
60-70	146
70-80	85
80-90	24
90	
90-100	120
100-110	474
110-120	643
120-130	586
130-140	438
140-150	303
150-160	199
160-170	113
170-180	37
180	

LUMINANCE DATA (cd/m²)

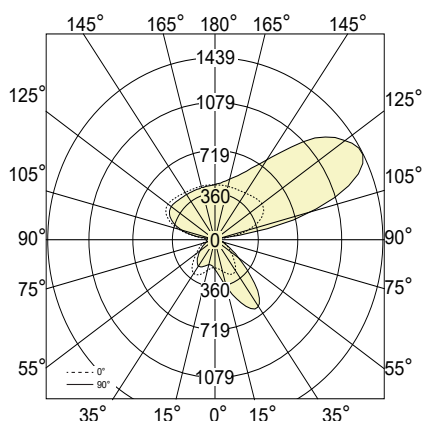
	Horizontal Angles		
Vertical Angle	0	45	90
45	3431	3029	2930
55	3360	2978	2887
65	3170	2834	2766
75	2747	2556	2528
85	1932	2056	2071

REGRESSED (RE)

SLWLED-SL-75-25-1000-80-35-RE-4

75% up / 25% down at 1000 lm/ft

PHOTOMETRIC CURVE



Lumen/ft up: 755 lm/ft
Lumen/ft down: 268 lm/ft
Total lumens: 4095 lm (for 4ft)
Input Watts: 35.15 W
Efficacy: 117 lm/W

CRI:80 shown (for CRI:90 use 0.8 multiplier on watts and efficacy)

IES FILE: SLWLED-SL-75-25-1000-80-35-RE-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

	Horizontal Angles				
Vertical Angle	0	22.5	45	67.5	90
0	227	227	227	227	227
5	232	223	216	212	210
15	264	238	223	215	214
25	310	269	250	244	243
35	318	273	253	247	246
45	251	221	202	197	194
55	177	159	144	138	135
65	125	108	94	88	84
75	77	58	46	40	33
85	23	7	8	9	10
90	1	3	4	5	2
95	105	97	103	102	76
105	326	277	286	305	297
115	450	384	387	411	416
125	479	420	418	436	446
135	461	422	417	427	433
145	442	418	414	419	421
155	432	420	415	416	416
165	428	422	418	417	416
175	427	424	423	422	422
180	427	427	427	427	427

ZONAL LUMENS

	Lumens
Zone	
0	
0-10	23
10-20	81
20-30	164
30-40	236
40-50	226
50-60	166
60-70	111
70-80	55
80-90	12
90	
90-100	117
100-110	473
110-120	652
120-130	611
130-140	465
140-150	323
150-160	215
160-170	125
170-180	41
180	

LUMINANCE DATA (cd/m²)

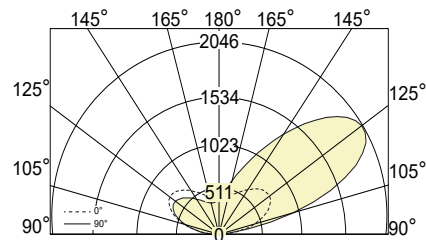
	Horizontal Angles		
Vertical Angle	0	45	90
45	3311	2668	2560
55	2886	2339	2191
65	2764	2073	1855
75	2780	1655	1182
85	2513	890	1027

● PHOTOMETRIC DATA

NO SHIELDING (NO)

SLWLED-SL-100-0-1000-80-35-NO-4
100% up at 1000 lm/ft

PHOTOMETRIC CURVE



Lumen/ft up: 1009 lm/ft
Total Lumens: 4038 lm (for 4ft)
Input Watts: 35.07 W
Efficacy: 115 lm/W

CRI:80 shown (for CRI:90 use 0.8 multiplier on watts and efficacy)
IES FILE NAME: SLWLED-SL-100-0-1000-80-35-NO-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
90	3	12	20	25	28
95	132	120	136	148	152
105	425	370	376	398	410
115	626	533	540	573	589
125	706	596	588	613	625
135	671	565	544	554	560
145	577	490	464	464	466
155	484	422	397	391	390
165	422	385	363	354	351
175	394	381	371	365	363
180	392	392	392	392	392

ZONAL LUMENS

Zone	Lumens
90	
90-100	126
100-110	552
110-120	862
120-130	891
130-140	707
140-150	464
150-160	265
160-170	131
170-180	39
180	