



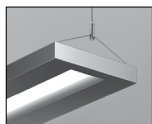
Shown with VL optic



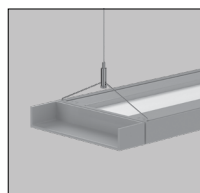
Shown with SM lens



Shown with louver



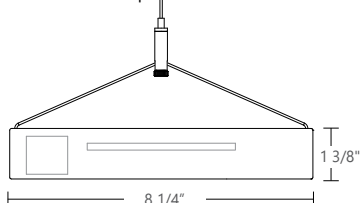
Shown regressed



Shown with SLE end cap



Shown indirect



Project _____

Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT AT 3500K (SM DIRECT)

DISTRIBUTION	NOMINAL LUMEN OUTPUT		INPUT WATTS FOR 4 FT	EFFICACY
	UP	DOWN		
0up/100down at 1000 lm/ft	0 lm/ft	1000 lm/ft	49 W	84 lm/W
25up/75down at 1000 lm/ft	250 lm/ft	750 lm/ft	42 W	93 lm/W
35up/65down at 1000 lm/ft	350 lm/ft	650 lm/ft	42 W	94 lm/W
80up/20down at 1000 lm/ft	800 lm/ft	200 lm/ft	34 W	118 lm/W
100up/0down at 1000 lm/ft	1000 lm/ft	0 lm/ft	31 W	129 lm/W

REFER TO PHOTOMETRIC DATA SECTION FOR EXACT VALUES



* Check the latest update on the DLC website for complete information. Not all versions may be DLC qualified.
See page 4 for DLC Approved options

**Ordering Guide**

SLED									
PRODUCT ID		LIGHT ENGINE		NOMINAL LUMENS/FT		CRI		COLOR TEMP. (choose one)	
SLED	Pendant LED	SL 0/100	surroundlite 0%up/100%down direct	600	600 lm/ft	80	80 CRI	27	2700 K
		SL 25/75	surroundlite 25%up/75%down semi-direct	800	800 lm/ft	90	90 CRI	30	3000 K
		SL 35/65	surroundlite 35%up/65%down semi-direct	1000	1000 lm/ft			35	3500 K
		SL 80/20	surroundlite 80%up/20%down semi-indirect					40	4000 K
		SL 100/0	surroundlite 100%up/0%down indirect *						
		* Only available with NA (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.		Consult Axitune technical sheet for more information of color technology. Applies to both UP & DOWN.	

SHIELDING		FIXTURE LENGTH		FINISH		VOLTAGE		DRIVER		CIRCUITS	
VL	VL optic	2	2'	AP	aluminum paint	120	120 V	DP	dimming (0-10V) 1%	1	1 circuit
RE	regressed*	4	4'	W	white	277	277 V	LT	Lutron	2	2 circuits
SM	smooth lens	5	5'	BLK	black	347	347 V*	BI	bi-level dimming	2A/B	2 circuit alternating/4ft
PL	flat-blade louvers	8	8'	C	custom	UNV	universal	O(#)	other**	+E(#)	emergency section
NA	no shielding**	12	12'			DC	low voltage**	TW(#)	tunable white drivers*	+NL(#)	night light section
		S(L)	system run					POE(#)	POE drivers*	+GTD(#)	generator transfer device
* Only available with SL80/20 light engine. Consult factory for other lens.		Available increments 1ft. Minimum length 2ft.				Applies to both UP & DOWN. *Consult factory ** Only available with POE drivers.		Applies to both UP & DOWN. *See page 4 to specify system **Please consult factory; see page 2		Control UP & DOWN lights together	

MOUNTING/SUSPENSION		BATTERY (OPTIONAL)		END CAP (OPTIONAL)		IC CONTROLS		CUSTOM	
CA(#)	drywall+cable length (36" std.)	B(#)	battery pack (integral)	SLE	slim end cap	DS(#)	daylight sensor	C	custom
CT9(#)	TB/TG 9/16+cable length (36" std.)					OS(#)	occupancy sensor		
CT15(#)	TB/TG15/16+cable length (36" std.)					DOS(#)	daylight & occupancy sensor		
CTS(#)	screw slot+cable length (36" std.)					EN(#)	Enlighted integral		
SA(#)	drywall+stem length >48" (18" std.)					ENR(#)	Enlighted remote		
CASL(#)	drywall cable sloped ceiling					WC(#)	wireless control dimming		
SASL(#)	drywall stem sloped ceiling								
+SM	seismic kit								
See Mounting kit guide for full specification code.		For minimum 36" long fixture only Not available with 347V Please consult factory		See page 5 for more details.		Applies to both UP & DOWN. Specify quantity. Requires 8" blank. See integrated controls guide for more details. Consult factory for Tunable White.		Please specify	

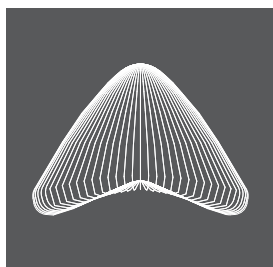
● SURROUNDLITE TECHNOLOGY

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.

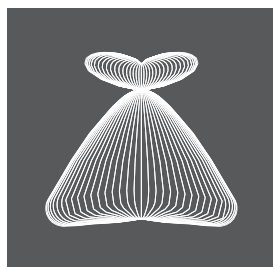
An innovative technology to get much more out of LEDs: Axis SurroundLite is based on the fundamental physics of how light interacts with matter. The specially engineered lightguide is made of precisely coded and aligned molecules that shape LED output in all three dimensions.

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.

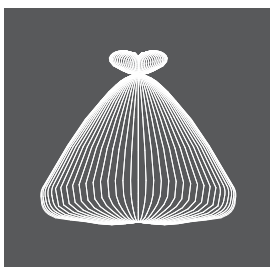
3D Polar Curve (SL 0/100)



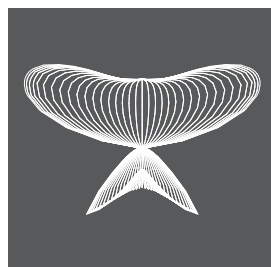
3D Polar Curve (SL 35/65)



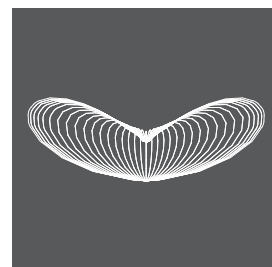
3D Polar Curve (SL 25/75)



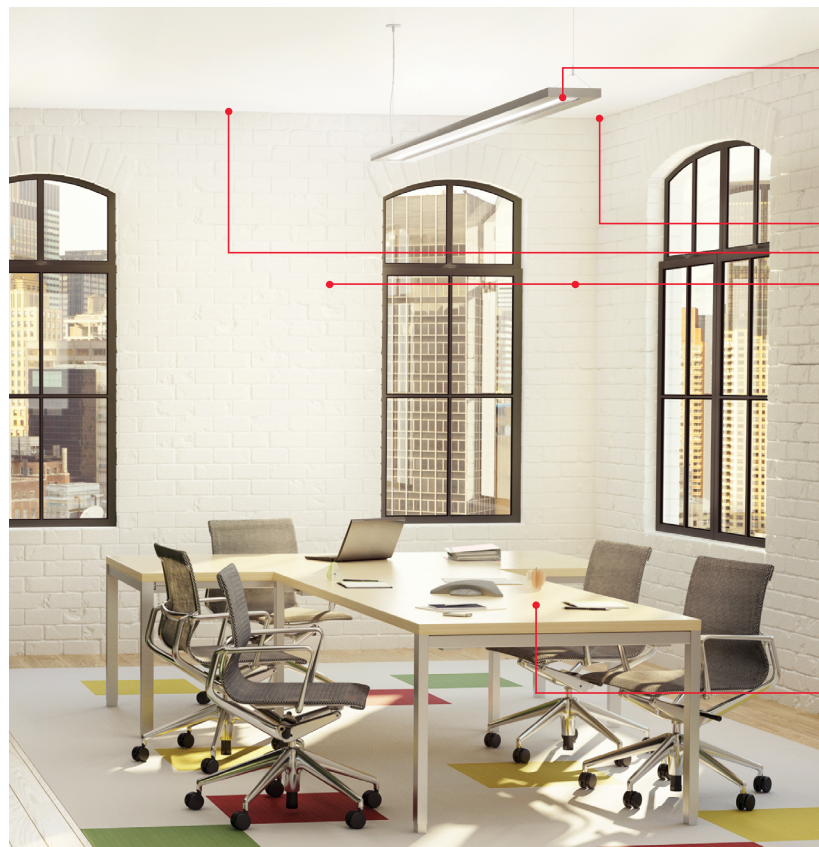
3D Polar Curve (SL 80/20)



3D Polar Curve (SL 100/0)



● SURROUNDLITE BENEFITS



Glare Mitigation

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 checkerboard patterns, 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

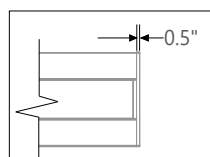
Axis SurroundLite technology spreads out light uniformly versus Lambertian distributions that put an intensity of light directly above and below the luminaire.

● 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.

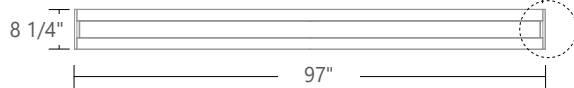
● LENGTHS

SLIM SurroundLite 4ft (4)

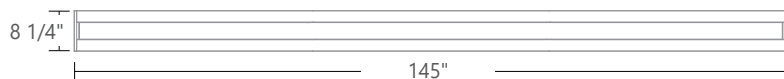


Joining detail for all system run

SLIM SurroundLite 8ft Continuous (with 8' shielding)



SLIM SurroundLite 12ft (with 12' shielding)



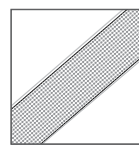
● SYSTEMS (S#)

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.

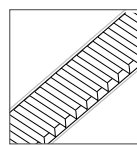
● WEIGHT

SLIM SurroundLite 4 ft	12 lbs / 5.4 kg
SLIM SurroundLite 8 ft	24 lbs / 10.9 kg
SLIM SurroundLite 12 ft	36 lbs / 16.3 kg

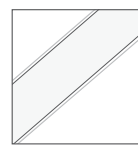
● OPTICS



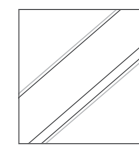
VL vl optic



PL flat blade
louvers



SM smooth lens



RE regressed

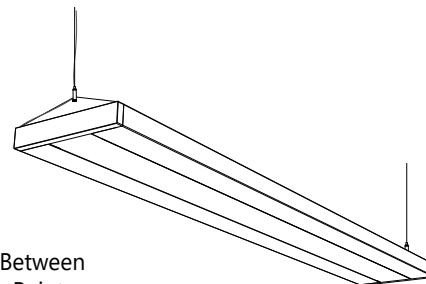
● SUSPENSION / MOUNTING SPACING

Distance Between
Mounting Points:

SLIM SL 4ft 48"
SLIM SL 8ft 96"

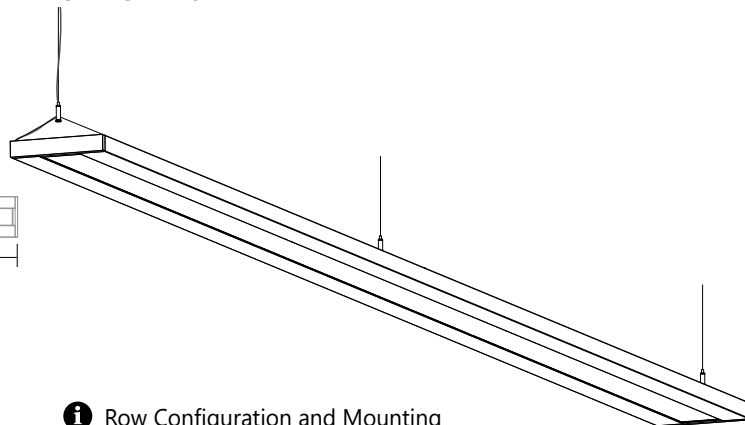
Standard Suspension
Length (Adjustable):

CABLE: 36"
STEM: 18"



Distance Between
Mounting Points:

SLIM SL 12ft 72"



i Row Configuration and Mounting
Spacing file is available at:
www.axislighting.com
under 'Downloads' tab.

● FINISH

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

● APPROVALS

Certified to UL and CSA standards
Suitable for damp locations.



● 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)
 V-L Optic™	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 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.

● DLC Approved Options



*Check the latest update on the DLC website for complete information. Not all versions may be DLC qualified.

LIGHT ENGINE	OUTPUT	CRI	CCT	SHIELDING	LENGTH	VOLTAGE	FINISH	DRIVER
SL 80/20	1000 lm/ft	80	3500 K	VL	4' 5' 8' 12'	universal	white	DP O(SR)

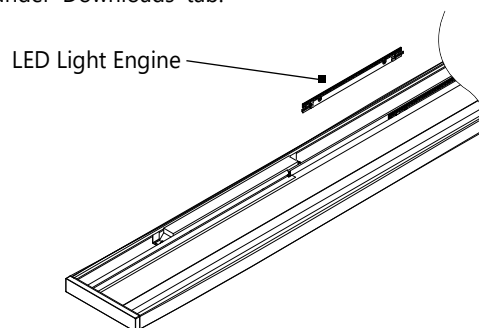
● LED SYSTEM

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.

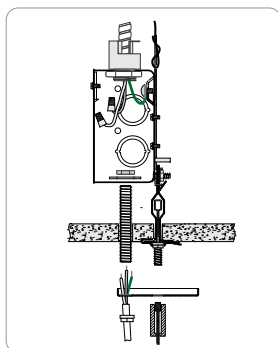
i For more information on LED light engine upgrade and replacement, please refer to the SLIM LED Light Engine Replacement sheet available at: www.axislighting.com under 'Downloads' tab.



● WARRANTY

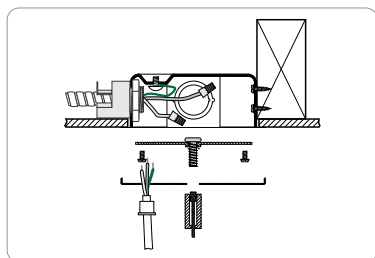
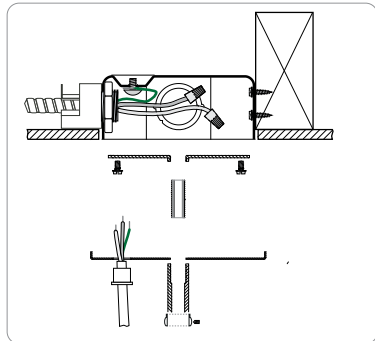
Limited 5-year warranty is available. Warranty is valid provided luminaires are installed and used according to specifications. For full terms and conditions, please consult warranty section at axislighting.com.

● MOUNTING OPTIONS

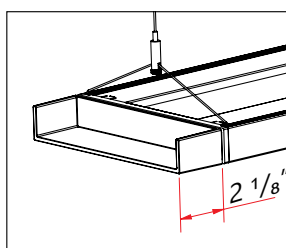
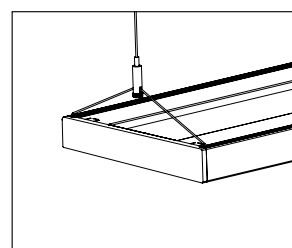
**CT** TILE CEILING - ON GRID

Mounting options are also available for slope ceiling and seismic bracing.

- i** Installation sheets for all mounting options are available at: www.axislighting.com under 'Downloads' tab.

**CA** DRYWALL CEILING**SA** STEM MOUNT IN DRYWALL CEILING

● END CAP OPTIONS

**SLE** Slim end cap
OptionalFlat end cap
Standard

● OTHER MOUNTING OPTIONS

SLIM SurroundLite is also available as a wall mount.

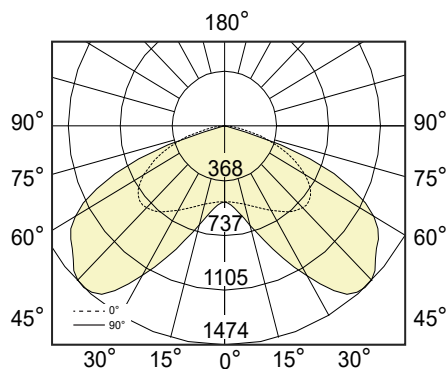
- i** Specification sheets for pendant mounted SLIM luminaires are available at: www.axislighting.com under 'Downloads' tab.

● PHOTOMETRIC DATA

FLAT-BLADE LOUVER (PL)

SLLED-SL-0-100-1000-80-35-PL-4

0% up / 100% down at 1000 lm/ft

PHOTOMETRIC CURVE

Lumen/ft down: 995 lm/ft
Total lumens: 3980 lm (for 4ft)
Input Watts: 54.64 W
Efficacy: 73 lm/W

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

IES FILE: SLLED-SL-0-100-1000-80-35-PL-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	511	511	511	511	511
5	515	517	523	530	535
15	546	566	615	665	690
25	611	660	779	911	981
35	704	787	984	1211	1355
45	781	890	1130	1332	1471
55	744	852	1032	1172	1330
65	547	598	687	828	998
75	273	265	241	178	154
85	43	27	10	9	9
90	2	2	2	2	3

ZONAL LUMENS

Zone	Lumens
0	
0-10	51
10-20	178
20-30	368
30-40	630
40-50	859
50-60	908
60-70	704
70-80	257
80-90	26
90	

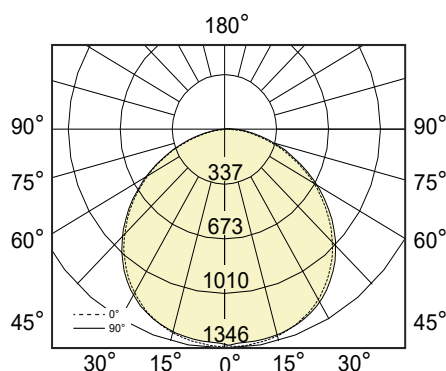
LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	10663	15430	20082
55	12517	17365	22388
65	12496	15685	22790
75	10169	8984	5740
85	4789	1140	1002

SMOOTH LENS (SM)

SLLED-SL-0-100-1000-80-35-SM-4

0% up / 100% down at 1000 lm/ft

PHOTOMETRIC CURVE

Lumen/ft down: 1022 lm/ft
Total lumens: 4088 lm (for 4ft)
Input Watts: 48.57 W
Efficacy: 84 lm/W

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

IES FILE: SLLED-SL-0-100-1000-80-35-SM-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1343	1343	1343	1343	1343
5	1344	1344	1343	1341	1330
15	1316	1317	1321	1323	1313
25	1249	1252	1261	1269	1261
35	1130	1134	1147	1158	1153
45	958	963	975	987	983
55	744	748	757	766	762
65	504	507	512	517	514
75	260	264	269	271	269
85	60	65	67	66	64
90	2	2	2	2	2

ZONAL LUMENS

Zone	Lumens
0	
0-10	128
10-20	373
20-30	580
30-40	716
40-50	750
50-60	675
60-70	506
70-80	284
80-90	76
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	12641	12864	12973
55	12105	12316	12402
65	11129	11314	11352
75	9364	9683	9691
85	6409	7167	6819

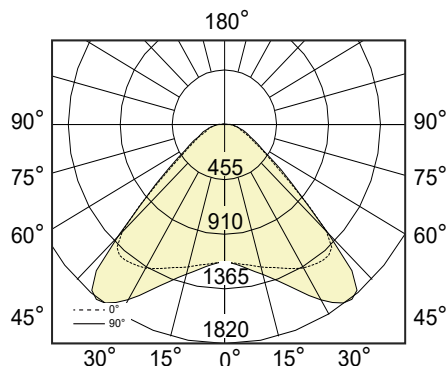
● PHOTOMETRIC DATA

VL LENS (VL)

SLLED-SL-0-100-1000-80-35-VL-4

0% up / 100% down at 1000 lm/ft

PHOTOMETRIC CURVE



Lumen/ft down: 988 lm/ft
 Total lumens: 3951 lm (for 4ft)
 Input Watts: 48.54 W
 Efficacy: 81 lm/W

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

IES FILE: SLLED-SL-0-100-1000-80-35-VL-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1141	1141	1141	1141	1141
5	1151	1152	1155	1158	1159
15	1218	1223	1249	1277	1285
25	1314	1336	1410	1488	1514
35	1401	1468	1589	1724	1802
45	1249	1236	1267	1292	1281
55	454	487	495	484	489
65	233	240	238	235	251
75	138	141	136	134	141
85	52	52	56	52	44
90	2	2	2	2	2

ZONAL LUMENS

Zone	Lumens
0	
0-10	112
10-20	357
20-30	657
30-40	994
40-50	939
50-60	449
60-70	242
70-80	145
80-90	56
90	

LUMINANCE DATA (cd/m²)

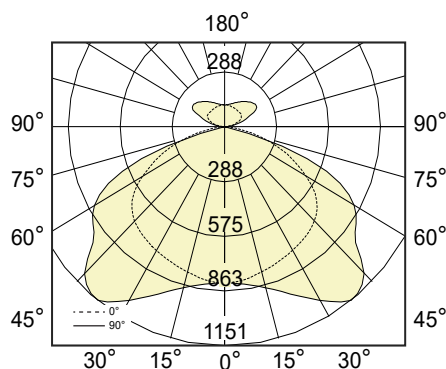
Vertical Angle	Horizontal Angles		
	0	45	90
45	16621	16864	17051
55	7450	8120	8017
65	5186	5309	5597
75	5005	4949	5140
85	5633	6065	4755

FLAT-BLADE LOUVER (PL)

SLLED-SL-25-75-1000-80-35-PL-4

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

PHOTOMETRIC CURVE



Lumen/ft up: 173 lm/ft
 Lumen/ft down: 842 lm/ft
 Total lumens: 4059 lm (for 4ft)
 Input Watts: 47.54 W
 Efficacy: 85 lm/W

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

IES FILE: SLLED-SL-25-75-1000-80-35-PL-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	823	823	823	823	823
5	818	821	823	827	827
15	791	802	829	861	876
25	764	788	852	938	985
35	738	780	890	1027	1126
45	703	762	894	1007	1094
55	612	676	763	804	888
65	427	458	500	589	707
75	209	201	182	151	139
85	34	21	8	6	6
90	1	1	1	2	2
95	10	14	17	16	14
105	60	72	70	84	89
115	99	115	148	173	178
125	113	129	162	194	207
135	112	125	152	177	187
145	111	119	138	156	162
155	113	117	127	137	141
165	115	117	120	124	124
175	116	116	117	117	117
180	116	116	116	116	116

ZONAL LUMENS

Zone	Lumens
0	
0-10	79
10-20	236
20-30	400
30-40	569
40-50	683
50-60	667
60-70	516
70-80	198
80-90	20
90	
90-100	19
100-110	81
110-120	139
120-130	144
130-140	117
140-150	87
150-160	59
160-170	34
170-180	11
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	9600	12210	14937
55	10300	12851	14940
65	9759	11412	16144
75	7812	6804	5200
85	3729	831	651

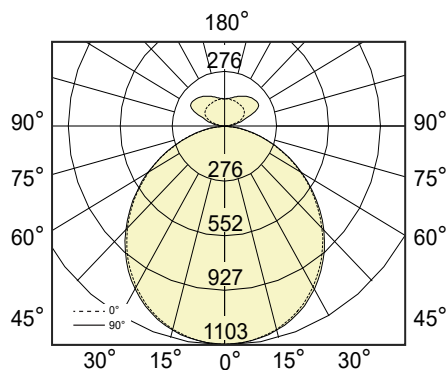
i All IES files are available for download at: www.axislighting.com

● PHOTOMETRIC DATA

SMOOTH LENS (SM)

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

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

PHOTOMETRIC CURVE

Lumen/ft up: 189 lm/ft
Lumen/ft down: 783 lm/ft
Total lumens: 3886 lm (for 4ft)
Input Watts: 41.66 W
Efficacy: 93 lm/W

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

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

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1103	1103	1103	1103	1103
5	1100	1099	1099	1099	1100
15	1064	1065	1066	1068	1069
25	991	992	996	1001	1003
35	879	881	886	891	894
45	732	734	738	743	746
55	561	562	565	568	569
65	376	376	378	379	379
75	193	196	197	198	197
85	44	48	48	46	45
90	1	1	1	2	1
95	10	15	20	19	19
105	62	73	70	82	89
115	107	122	150	174	179
125	128	144	173	200	213
135	134	147	172	193	202
145	136	144	163	179	185
155	138	142	152	162	167
165	138	140	144	148	150
175	139	139	140	140	141
180	138	138	138	138	138

ZONAL LUMENS

Zone	Lumens
0	
0-10	105
10-20	301
20-30	459
30-40	554
40-50	569
50-60	505
60-70	374
70-80	209
80-90	56
90	
90-100	20
100-110	81
110-120	143
120-130	153
130-140	132
140-150	102
150-160	71
160-170	41
170-180	13
180	

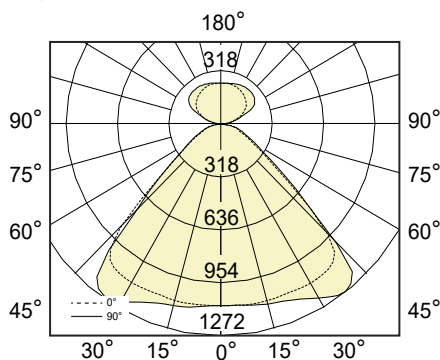
LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	9663	9746	9842
55	9125	9188	9266
65	8296	8345	8378
75	6970	7115	7113
85	4765	5156	4860

VL LENS (VL)

SLLED-SL-25-75-1000-80-35-VL-4

25% up / 75% down at 800 lm/ft

PHOTOMETRIC CURVE

Lumen/ft up: 256 lm/ft
Lumen/ft down: 751 lm/ft
Total lumens: 4030 lm (for 4ft)
Input Watts: 40.37 W
Efficacy: 100 lm/W

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

IES FILE: SLLED-SL-25-75-1000-80-35-VL-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1095	1095	1095	1095	1095
5	1097	1096	1096	1097	1097
15	1104	1102	1110	1122	1123
25	1104	1106	1134	1160	1166
35	1105	1135	1176	1225	1263
45	940	939	984	1023	1017
55	340	374	386	373	382
65	176	184	186	183	195
75	105	108	106	104	112
85	42	42	48	46	41
90	2	2	2	2	2
95	15	17	21	22	21
105	82	92	89	91	95
115	147	159	182	201	204
125	190	202	226	248	256
135	214	223	244	262	269
145	231	236	251	264	269
155	243	245	252	260	263
165	248	249	250	253	254
175	248	248	248	248	248
180	248	248	248	248	248

ZONAL LUMENS

Zone	Lumens
0	
0-10	105
10-20	316
20-30	529
30-40	737
40-50	669
50-60	323
60-70	178
70-80	108
80-90	41
90	
90-100	20
100-110	89
110-120	167
120-130	196
130-140	186
140-150	156
150-160	117
160-170	71
170-180	24
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	12507	13098	13539
55	5579	6338	6264
65	3928	4143	4337
75	3812	3871	4067
85	4538	5208	4449

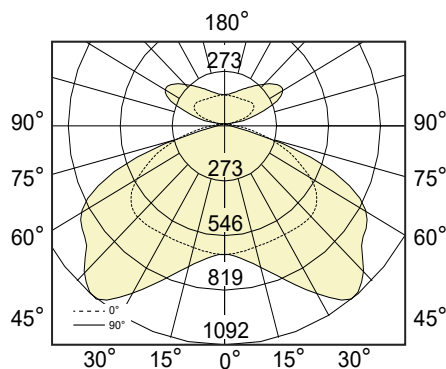
i All IES files are available for download at: www.axislighting.com

● PHOTOMETRIC DATA

FLAT-BLADE LOUVER (PL)

SLLED-SL-35-65-1000-80-35-PL-4

35% up / 65% down at 1000 lm/ft

PHOTOMETRIC CURVE

Lumen/ft up: 267 lm/ft
 Lumen/ft down: 790 lm/ft
 Total lumens: 4230 lm (for 4ft)
 Input Watts: 47.47 W
 Efficacy: 89 lm/W

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

IES FILE: SLLED-SL-35-65-1000-80-35-PL-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	646	646	646	646	646
5	644	646	650	655	657
15	632	646	681	718	734
25	629	662	739	829	878
35	637	691	816	965	1065
45	642	714	859	957	1028
55	587	661	753	811	902
65	418	456	505	600	721
75	208	199	174	140	126
85	33	20	7	6	6
90	1	1	1	2	1
95	18	18	25	21	16
105	106	121	138	160	174
115	168	191	247	300	328
125	179	201	254	312	340
135	164	180	219	259	277
145	152	161	186	211	221
155	146	151	163	177	182
165	145	147	150	155	157
175	144	144	145	146	147
180	144	144	144	144	144

ZONAL LUMENS

Zone	Lumens
0	
0-10	62
10-20	194
20-30	347
30-40	521
40-50	647
50-60	660
60-70	519
70-80	193
80-90	19
90	
90-100	31
100-110	148
110-120	239
120-130	228
130-140	171
140-150	118
150-160	76
160-170	43
170-180	14
180	

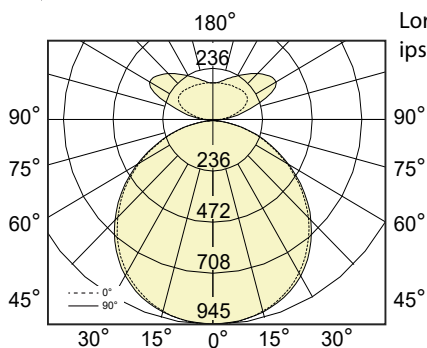
LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	8477	11343	13571
55	9545	12260	14685
65	9236	11147	15931
75	7486	6288	4555
85	3555	782	643

SMOOTH LENS (SM)

SLLED-SL-35-65-1000-80-35-SM-4

35% up / 65% down at 1000 lm/ft

PHOTOMETRIC CURVE

Lumen/ft up: 287 lm/ft
 Lumen/ft down: 690 lm/ft
 Total lumens: 3908 lm (for 4ft)
 Input Watts: 41.67 W
 Efficacy: 94 lm/W

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

IES FILE: SLLED-SL-35-65-1000-80-35-SM-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	943	943	943	943	943
5	942	942	941	940	939
15	916	916	918	919	919
25	859	861	865	870	871
35	768	770	777	784	786
45	644	647	654	661	663
55	496	498	504	509	510
65	334	335	339	341	342
75	173	176	179	180	180
85	40	43	44	42	41
90	1	1	1	1	1
95	16	17	23	16	12
105	100	117	127	139	152
115	172	196	245	293	309
125	198	222	272	325	347
135	196	216	255	293	308
145	189	201	228	252	262
155	183	189	204	218	223
165	179	181	187	192	194
175	176	176	177	178	177
180	176	176	176	176	176

ZONAL LUMENS

Zone	Lumens
0	
0-10	90
10-20	259
20-30	399
30-40	486
40-50	504
50-60	450
60-70	335
70-80	188
80-90	50
90	
90-100	28
100-110	136
110-120	237
120-130	243
130-140	197
140-150	143
150-160	95
160-170	53
170-180	17
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	8501	8628	8751
55	8074	8195	8306
65	7366	7477	7554
75	6235	6437	6485
85	4250	4703	4432

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

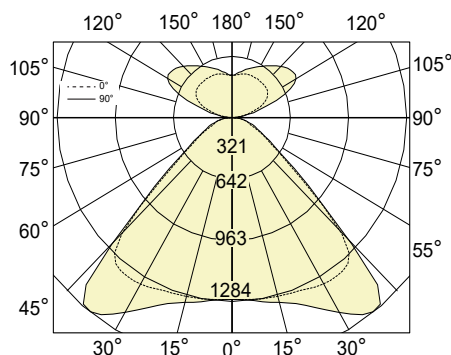
● PHOTOMETRIC DATA

VL LENS (VL)

SLLED-SL-35-65-1000-80-35-VL

35% up / 65% down at 800 lm/ft

PHOTOMETRIC CURVE



Lumen/ft up: 330 lm/ft
Lumen/ft down: 670 lm/ft
Total lumens: 4280 lm (for 4ft)
Input Watts: 47.38 W
Efficacy: 90 lm/W

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

IES FILE: SLLED-SL-35-65-1000-80-35-VL.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	954	954	954	954	954
5	957	958	959	961	961
15	972	973	986	1002	1005
25	992	1003	1046	1089	1100
35	1014	1064	1140	1217	1262
45	861	866	908	940	938
55	318	339	348	342	346
65	167	171	170	168	179
75	99	101	97	95	100
85	37	37	40	36	31
90	1	1	1	1	1
95	18	22	29	22	19
105	120	143	148	149	158
115	207	236	295	341	359
125	243	270	332	391	417
135	249	269	316	362	381
145	248	261	291	320	332
155	246	253	269	285	291
165	237	240	247	254	257
175	225	225	226	227	228
180	222	222	222	222	222

ZONAL LUMENS

Zone	Lumens
0	
0-10	92
10-20	281
20-30	487
30-40	711
40-50	669
50-60	317
60-70	173
70-80	104
80-90	39
90	
90-100	32
100-110	156
110-120	281
120-130	294
130-140	244
140-150	183
150-160	125
160-170	70
170-180	22
180	

LUMINANCE DATA (cd/m²)

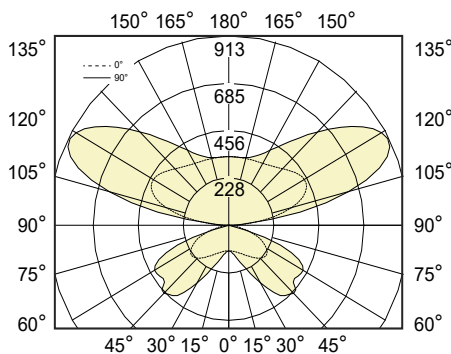
Vertical Angle	Horizontal Angles		
	0	45	90
45	11363	11987	12375
55	5170	5670	5627
65	3678	3749	3958
75	3554	3499	3624
85	3999	4264	3312

FLAT BLADE LOUVER (PL)

SLLED-SL-80-20-1000-80-35-PL-4

80% up / 20% down at 800 lm/ft

PHOTOMETRIC CURVE



Lumen/ft up: 690 lm/ft
Lumen/ft down: 310 lm/ft
Total lumens: 3992 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: SLLED-SL-80-20-1000-80-35-PL-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	124	124	124	124	124
5	125	126	127	129	130
15	133	138	150	164	170
25	152	164	196	235	258
35	185	206	265	345	398
45	224	256	338	411	468
55	237	275	342	380	430
65	189	211	249	318	394
75	101	100	97	83	82
85	16	10	4	3	3
90	1	2	2	2	2
95	102	98	96	74	68
105	330	358	457	574	629
115	437	480	628	815	905
125	434	471	606	762	834
135	389	409	495	599	643
145	356	363	403	456	480
155	341	343	354	373	381
165	336	336	337	339	340
175	334	334	334	334	333
180	333	333	333	333	333

ZONAL LUMENS

Zone	Lumens
0	
0-10	12
10-20	44
20-30	94
30-40	174
40-50	259
50-60	296
60-70	259
70-80	103
80-90	10
90	
90-100	124
100-110	483
110-120	633
120-130	552
130-140	393
140-150	260
150-160	167
160-170	96
170-180	32
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	2954	4459	6180
55	3856	5569	6993
65	4179	5498	8702
75	3635	3493	2950
85	1698	398	346

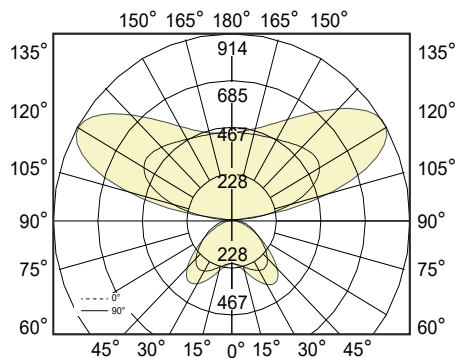
i All IES files are available for download at: www.axislighting.com

● PHOTOMETRIC DATA

REGRESSED LENS (RE)

SLLED-SL-80-20-1000-80-35-RE-4

80% up / 20% down at 1000 lm/ft

PHOTOMETRIC CURVE

Lumen/ft up: 750 lm/ft
Lumen/ft down: 250 lm/ft
Total lumens: 4043 lm (for 4ft)
Input Watts: 31.45 W
Efficacy: 129 lm/W

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

IES FILE: SLLED-SL-80-20-1000-80-35-RE-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	796	796	796	796	796
0	214	214	214	214	214
5	217	217	218	220	220
15	237	241	250	259	263
25	271	281	303	327	335
35	292	306	336	366	380
45	262	272	290	313	325
55	194	191	193	199	203
65	130	119	110	106	104
75	77	60	47	34	29
85	25	6	7	8	8
90	1	1	1	1	1
95	111	94	74	39	37
105	337	355	418	499	536
115	489	535	656	799	863
125	532	585	704	840	900
135	506	547	636	731	770
145	471	497	551	605	625
155	447	461	488	515	524
165	435	441	450	460	463
175	429	430	432	434	434
180	429	429	429	429	429

ZONAL LUMENS

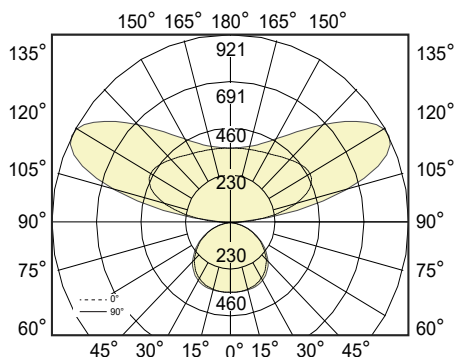
Zone	Lumens
0	
0-10	21
10-20	72
20-30	140
30-40	208
40-50	223
50-60	175
60-70	112
70-80	51
80-90	11
90	
90-100	107
100-110	449
110-120	646
120-130	620
130-140	481
140-150	337
150-160	221
160-170	126
170-180	41
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	3489	3860	4324
55	3179	3160	3329
65	2904	2458	2318
75	2801	1699	1038
85	2696	787	872

SMOOTH LENS (SM)

SLLED-SL-80-20-1000-80-35-SM-4

PHOTOMETRIC CURVE

Lumen/ft up: 720 lm/ft
Lumen/ft down: 280 lm/ft
Total lumens: 3997 lm (for 4ft)
Input Watts: 33.94 W
Efficacy: 118 lm/W

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

IES FILE: SLLED-SL-80-20-1000-80-35-SM-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	796	796	796	796	796
0	341	341	341	341	341
5	341	340	340	340	340
15	338	337	338	340	341
25	327	327	330	334	336
35	303	303	308	314	316
45	262	263	268	274	275
55	207	208	211	217	216
65	143	144	147	151	149
75	76	77	79	82	79
85	18	19	20	20	17
90	1	2	2	2	1
95	109	110	105	86	43
105	343	379	476	592	615
115	460	512	653	834	907
125	471	516	639	784	859
135	436	464	543	630	679
145	403	419	459	503	528
155	383	390	407	424	435
165	372	374	380	385	387
175	366	367	367	367	368
180	365	365	365	365	365

ZONAL LUMENS

Zone	Lumens
0	
0-10	33
10-20	96
20-30	154
30-40	195
40-50	209
50-60	192
60-70	147
70-80	85
80-90	24
90	
90-100	122
100-110	484
110-120	643
120-130	573
130-140	422
140-150	289
150-160	188
160-170	107
170-180	35
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	3578	3654	3759
55	3484	3560	3641
65	3276	3352	3397
75	2834	2959	2953
85	1961	2216	1923

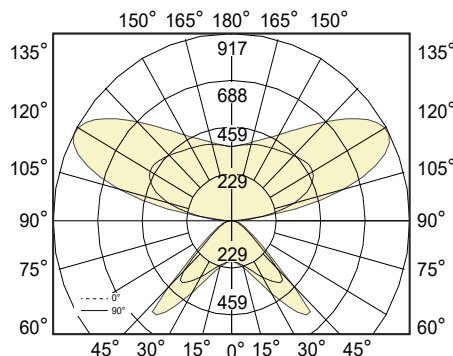
i All IES files are available for download at: www.axislighting.com

● PHOTOMETRIC DATA

VL LENS (VL)

SLLED-SL-80-20-1000-80-35-VL-4

80% up / 20% down at 1000 lm/ft

PHOTOMETRIC CURVE

Lumen/ft up: 730 lm/ft
Lumen/ft down: 270 lm/ft
Total lumens: 3973 lm (for 4ft)
Input Watts: 33.94 W
Efficacy: 117 lm/W

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

IES FILE: SLLED-SL-80-20-1000-80-35-VL-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

	Horizontal Angles				
Vertical Angle	796	796	796	796	796
0	199	199	199	199	199
5	200	201	202	202	205
15	220	222	226	231	240
25	268	274	292	310	334
35	354	377	421	471	529
45	371	375	407	435	389
55	136	151	156	152	147
65	71	74	73	73	75
75	40	42	40	40	41
85	17	16	18	16	12
90	2	2	3	3	1
95	112	117	120	110	56
105	345	382	482	610	625
115	467	514	648	829	890
125	482	520	630	770	831
135	450	473	540	621	658
145	420	432	466	504	522
155	402	407	421	437	441
165	385	387	392	397	397
175	368	367	368	368	369
180	365	365	365	365	365

ZONAL LUMENS

	Lumens
Zone	
0	
0-10	20
10-20	66
20-30	142
30-40	273
40-50	295
50-60	137
60-70	73
70-80	43
80-90	17
90	
90-100	121
100-110	483
110-120	647
120-130	582
130-140	432
140-150	299
150-160	197
160-170	112
170-180	36
180	

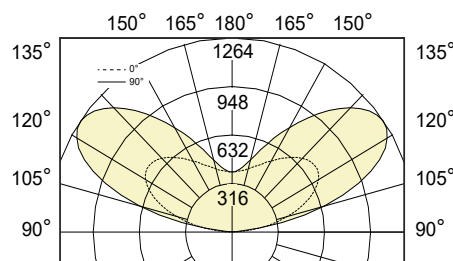
LUMINANCE DATA (cd/m²)

	Horizontal Angles		
Vertical Angle	0	45	90
45	5131	5620	5371
55	2322	2648	2509
65	1632	1682	1722
75	1517	1510	1542
85	1874	1979	1312

INDIRECT (NO)

SLLED-SL-100-0-1000-80-35-NO-4

100% up / 0% down at 1000 lm/ft

PHOTOMETRIC CURVE

Lumen/ft up: 998 lm/ft
Total lumens: 3992 lm (for 4ft)
Input Watts: 30.85 W
Efficacy: 129 lm/W

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

IES FILE: SLLED-SL-100-0-1000-80-35-NO-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

	Horizontal Angles				
Vertical Angle	0	22.5	45	67.5	90
90	4	4	4	4	4
95	116	103	87	72	68
105	397	424	507	609	658
115	619	681	843	1029	1117
125	713	789	975	1174	1264
135	680	747	914	1076	1146
145	585	630	751	864	909
155	491	515	579	646	673
165	427	436	456	479	489
175	396	397	399	401	402
180	392	392	392	392	392

ZONAL LUMENS

	Lumens
Zone	
90	
90-100	124
100-110	540
110-120	837
120-130	872
130-140	705
140-150	472
150-160	272
160-170	132
170-180	39
180	