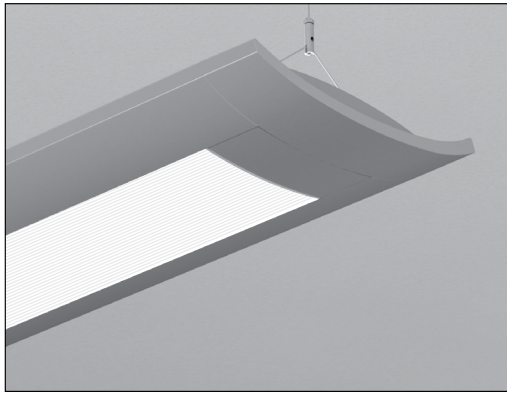
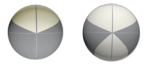
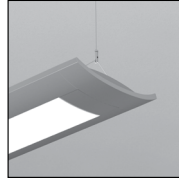




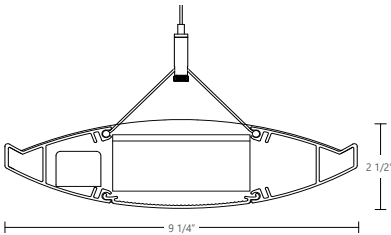
Satin Ribbed Lens



Louver



Spotless Lens



Project _____

Type _____

Notes _____

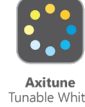
PERFORMANCE PER LINEAR FOOT AT 3500K

DISTRIBUTION	NOMINAL LUMEN OUTPUT		INPUT WATTS	EFFICACY	SHIELDING
	UP	DOWN			
80up/20down at 1000 lm/ft	800 lm/ft	200 lm/ft	8.4 w/ft	120 lm/w	SR
55up/45down at 1000 lm/ft	550 lm/ft	450 lm/ft	10.4 w/ft	96 lm/w	PL
25up/75down at 1000 lm/ft	250 lm/ft	750 lm/ft	12.3 w/ft	81 lm/w	SO
100up/0down at 1000 lm/ft	1000 lm/ft	-	9.5 w/ft	105 lm/w	NO

* Based on a 4 foot luminaire using one driver
Please consult factory for custom lumen output and wattage



* Check the latest update on the DLC website for complete information. Not all versions may be DLC qualified.
See page 3 for DLC Approved options

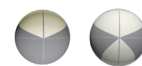


Ordering Guide

LTLED											
PRODUCT ID		LIGHT ENGINE		NOMINAL LUMENS/FT		CRI		COLOR TEMP. (choose one)			
LTLED	Pendant LED	SL 80/20	SurroundLite 80% up/20% down (semi-indirect)	800	800 lm/ft -Min	80	80 CRI	30	3000 K	TW2750	2700-5000 K - Tunable White
		SL 55/45	SurroundLite 55% up/45% down (semi-indirect)	1000	1000 lm/ft - Max	90	90 CRI*	35	3500 K	TW2765	2700-6500 K - Tunable White
		SL 25/75	SurroundLite 25% up/75% down (semi-direct)					40	4000 K		
		SL 100/0	SurroundLite 100% up/0% down (indirect)								
				Applies to both UP & DOWN. Outputs between listed min and max are available. Consult factory for other lumen packages		Applies to both UP & DOWN.		Applies to both UP & DOWN.			

SHIELDING		FIXTURE LENGTH		FINISH		VOLTAGE		DRIVER	
SO	spotless lens*	2	2'	AP	aluminum paint	120	120 V	DP	dimming (0-10V) 1%
SR	satin ribbed lens	4	4'	W	white	277	277 V	LT	Lutron
PL	louver	8	8'	BLK	black	347	347 V	BI	bi-level dimming
NO	no shielding**	12	12'	C	custom	UNV	universal	O(#)	other**
		S(L)	System Run			DC	low voltage*	TW(#)	tunable white drivers*
								POE(#)	POE drivers*
*Default lens for Tunable white. Consult factory for other lens.		Available increments 1ft. Minimum length 2ft.				Applies to both UP & DOWN. * Only available with POE drivers.		* See page 4 to specify system ** Please consult factory; see page 4. Applies to both UP & DOWN. Not available with 347V Please consult factory	
**Available only for indirect (SL 100/0)									

CIRCUITS		MOUNTING/SUSPENSION		BATTERY (OPT.)		IC CONTROLS		CUSTOM	
1	1 circuit	CA(#)	drywall+cable length (36" std.)	B(#)	battery pack (integral)	DS(#)	daylight sensor	C	custom
2	2 circuits	CT9(#)	TB/TG 9/16+cable length (36" std.)			OS(#)	occupancy sensor		
2A/B	2 circuit alternating/4ft	CT15(#)	TB/TG15/16+cable length (36" std.)			DOS(#)	daylight & occupancy sensor		
+E(#)	emergency section	CTS(#)	screw slot+cable length (36" std.)			EN(#)	Enlighted integral		
+NL(#)	night light section	SA(#)	drywall+stem length >48" (18" std.)			ENR(#)	Enlighted remote		
+GTD(#)	generator transfer device	CASL(#)	drywall cable sloped ceiling			WC(#)	wireless control dimming		
		SASL(#)	drywall stem sloped ceiling						
		+SM	seismic kit						
Control UP & DOWN lights together		See Mounting kit guide for full specification code.		For minimum 36" long fixture only Not available with 347V		Applies to both UP & DOWN. Specify quantity. Requires 8" blank See integrated controls guide for more details. Consult factory for Tunable White.		Please specify	



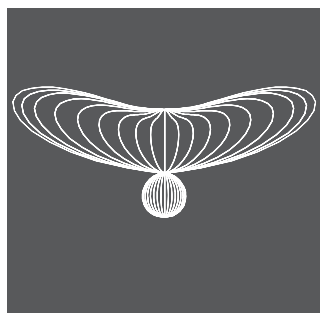
● SURROUNDLITE TECHNOLOGY

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

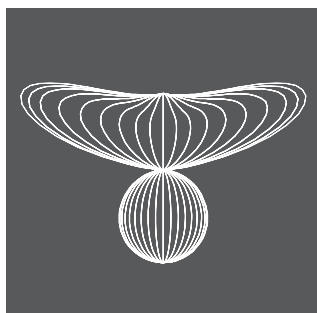
An innovative technology to get much more out of LEDs: Axis SurroundLite is based on the fundamental physics of how light interacts with matter. The specially engineered lightguide is made of precisely coded and aligned molecules that shape LED output in all three dimensions.

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.

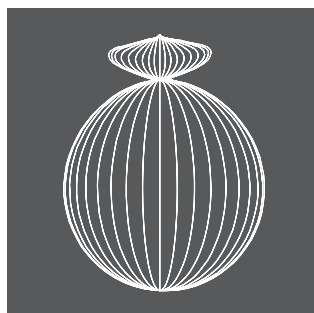
3D Polar Curve (SL 80/20)



3D Polar Curve (SL 55/45)



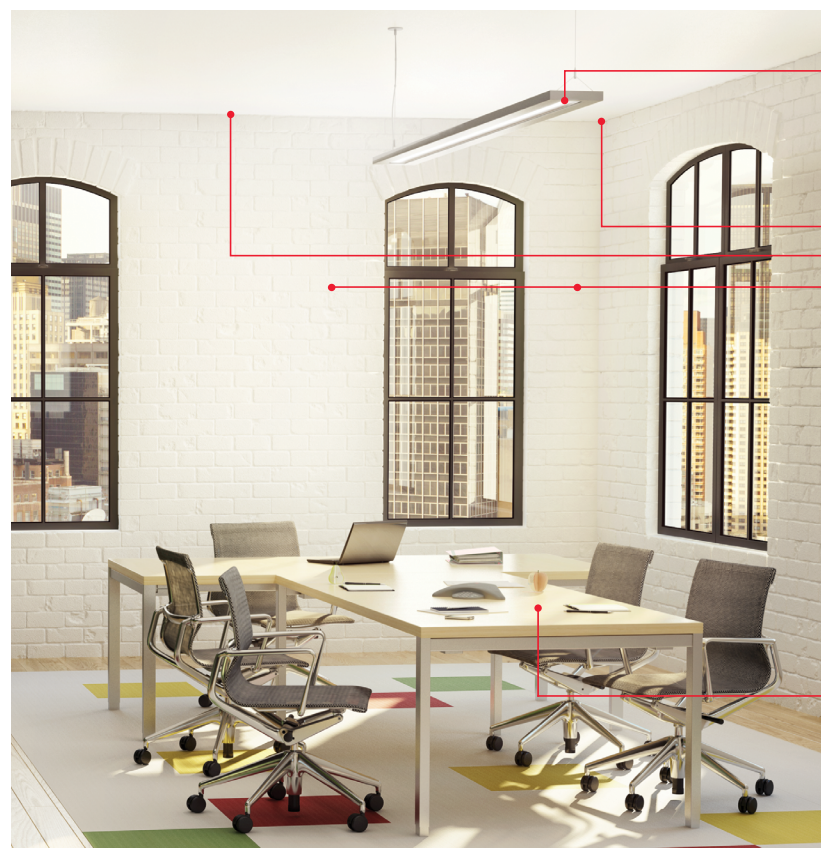
3D Polar Curve (SL 25/75)



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

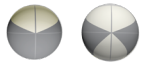
The 3D nature of light distribution is well suited to checkerboard patterns, reducing the need for continuous rows.

Better Facial Modeling / Facial Recognition

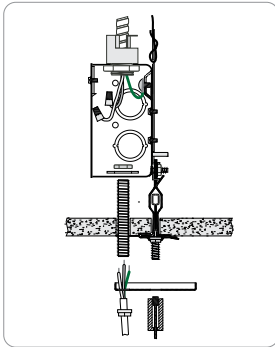
Reflected light from illuminated surfaces within the space results in soft fill light on the vertical plane.

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.



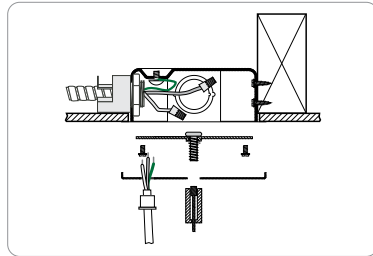
● MOUNTING OPTIONS



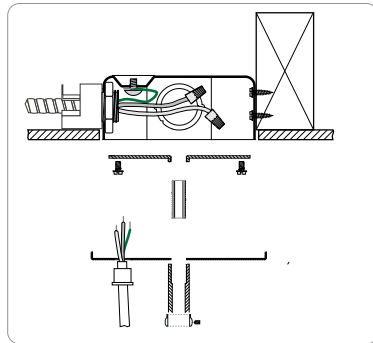
CT TILE CEILING - ON GRID

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

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

● 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).

● CONSTRUCTION

Housing	Extruded aluminum (0.075" nominal)
End Cap	Die cast aluminum (0.10" nominal)
Joiners	Die cast aluminum (0.10" nominal)
Top Covers	Cold rolled sheet steel painted (24 gauge)
Smooth Lens	Uniform frosted acrylic lens
Flat blade louvers	Semispecular aluminum material (electronically anodized) for added visual comfort
Satin Ribbed Lens	Ribbed acrylic lens

● 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.

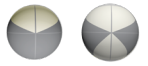
i Incorporating these components may have limitations or affect the length of the luminaire. Please contact factory for more details.

● 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	LUMENS	SHIELDING	LENGTH	FINISH	VOLTAGE	DRIVER	CIRCUITS
SL 70/30	750 lm 900 lm 1000 lm	80	3000 K 3500 K 4000 K	SO	4' 8' 12'	Al. paint white black custom	universal	DP	any except LDI and M

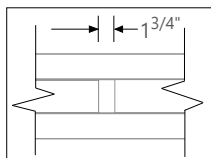
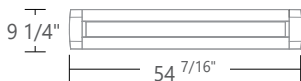


● LIGHT GUIDE

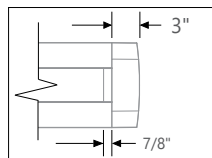
High precision light guide made of PMMA material, allows distribution of controlled light in all 3-dimensions to put light on both vertical and horizontal planes within the space. Patented lightguide design featuring molecular optics and precision-coupled optic components yield a high efficiency luminaire.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

● LENGTHS

LT SurroundLite 4ft (4)



For all fixture lengths

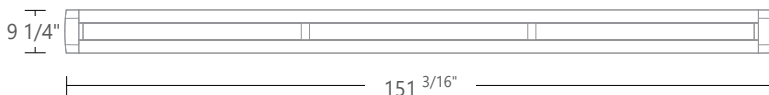


For all fixture lengths

LT SurroundLite 8ft



LT SurroundLite 12ft



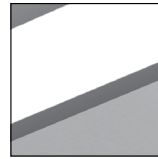
● SYSTEMS (S#)

Runs of LT 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 and 12ft sections to be assembled on site using our joining system. For more information on systems and joining, please refer to the LT installation sheets available at: www.axislighting.com under 'Downloads' tab.

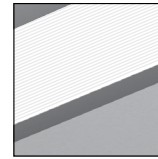
● WEIGHT

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

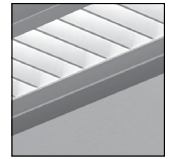
● OPTICS



SO spotless lens



SR satin ribbed lens



PL flat blade louvers

● SUSPENSION / MOUNTING SPACING

Standard Suspension Length:

CABLE : 36" (Adjustable length)

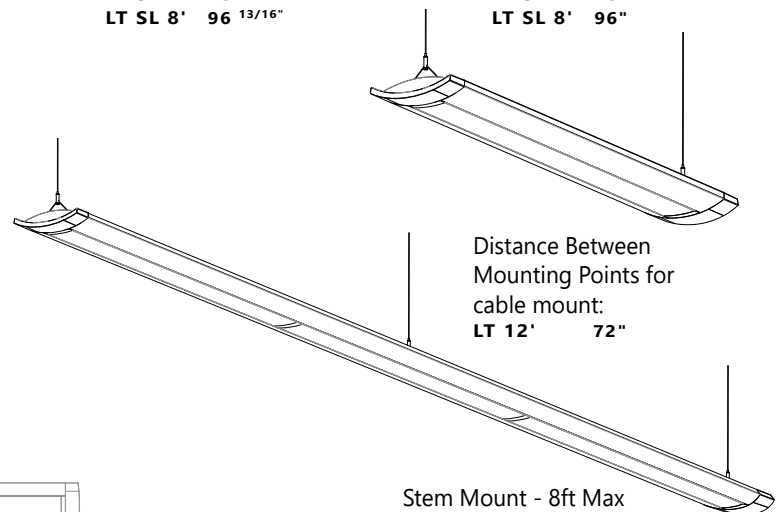
STEM: 18" (For 8' length maximum)

Distance Between Mounting Points for stem mount:

LT SL 4' 48 7/16"
LT SL 8' 96 13/16"

Distance Between Mounting Points for cable mount:

LT SL 4' 48"
LT SL 8' 96"



Distance Between Mounting Points for cable mount:
LT 12' 72"

Stem Mount - 8ft Max

● FINISHES

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

● APPROVALS

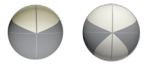
Certified to UL and CSA standards Suitable for damp locations.

● OTHER MOUNTING OPTIONS

LT is also available as a wall mount.

● 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.



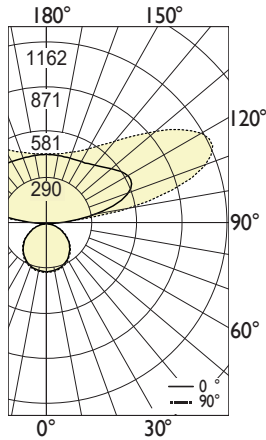
● PHOTOMETRIC DATA

SATIN RIBBED LENS (SR)

LTLED-SL 80-20-1000-80-35-SR-4

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

PHOTOMETRIC CURVE



Luminaire Lumens: 3997 lm

Input Watts: 33.4 W

Efficacy: 120 lm/W

IES FILE: LTLED-SL 80-20-1000-80-35-SR-4.ies

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	285	285	285	285	285
5	283	282	282	283	285
15	273	272	272	273	275
25	254	253	252	253	255
35	226	225	225	225	227
45	191	190	189	190	192
55	150	148	147	148	149
65	104	102	102	102	103
75	56	55	55	55	57
85	16	15	16	17	18
90	2	3	4	5	6
95	56	118	185	158	118
105	236	304	550	827	881
115	393	427	625	1006	1162
125	463	486	604	837	966
135	471	488	553	664	715
145	463	470	502	547	565
155	459	460	473	489	494
165	460	457	461	467	469
175	460	459	459	461	463
180	464	464	464	464	464

ZONAL LUMENS

Zone	Lumens
0	
0-10	27
10-20	77
20-30	117
30-40	142
40-50	148
50-60	134
60-70	103
70-80	61
80-90	20
90-100	154
100-110	555
110-120	688
120-130	598
130-140	452
140-150	325
150-160	222
160-170	132
170-180	44
180	

LUMINANCE DATA (cd/m²)

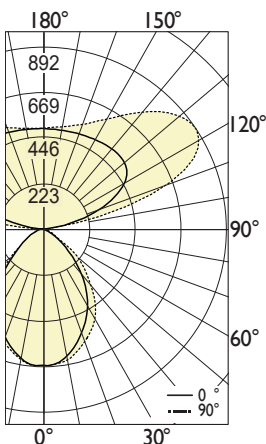
Vertical Angle	Horizontal Angles		
	0	45	90
45	2330	2302	2333
55	2251	2214	2244
65	2119	2069	2104
75	1875	1826	1890
85	1628	1569	1771

LOUVER (PL)

LTLED-SL 55-45-1000-80-35-PL-4

55% up / 45% down at 1000 lm/ft

PHOTOMETRIC CURVE



Luminaire Lumens: 3990 lm

Input Watts: 41.7 W

Efficacy: 96 lm/W

IES FILE: LTLED-SL 55-45-1000-80-35-PL-4.ies

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	660	660	660	660	660
5	660	659	659	659	658
15	596	600	616	627	625
25	496	505	513	539	553
35	380	383	390	426	452
45	238	243	254	274	307
55	121	117	120	147	170
65	52	50	45	50	64
75	17	17	17	21	31
85	3	3	5	7	10
90	2	2	2	3	3
95	31	30	21	7	6
105	213	239	315	402	424
115	406	439	567	738	812
125	502	539	658	814	889
135	519	549	640	749	805
145	509	528	579	639	671
155	499	509	530	555	571
165	491	495	502	511	518
175	487	487	489	491	495
180	489	489	489	489	489

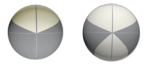
ZONAL LUMENS

Zone	Lumens
0	
0-10	62
10-20	169
20-30	233
30-40	239
40-50	185
50-60	102
60-70	45
70-80	19
80-90	5
90-100	72
100-110	373
110-120	588
120-130	601
130-140	497
140-150	364
150-160	246
160-170	143
170-180	47
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	4409	4709	5701
55	2778	2754	3879
65	1610	1387	1983
75	853	846	1566
85	389	700	1471

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



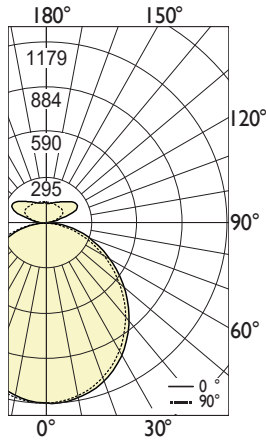
● PHOTOMETRIC DATA

SPOTLESS LENS (SO)

LTLED-SL 25-75-1000-80-35-SO-4

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

PHOTOMETRIC CURVE



Luminaire Lumens: 3988 lm

Input Watts: 49.5 W

Efficacy: 81 lm/W

IES FILE: LTLED-SL 25-75-1000-80-35-SO-4.ies

TESTED ACCORDING TO IES LM-79-2008

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1175	1175	1175	1175	1175
5	1170	1172	1175	1176	1178
15	1126	1133	1140	1144	1144
25	1037	1051	1059	1063	1064
35	906	923	936	940	940
45	744	764	778	784	781
55	563	586	601	607	606
65	379	403	422	429	428
75	209	232	254	263	264
85	67	88	109	120	122
90	3	14	24	31	32
95	13	11	15	6	6
105	76	84	105	97	109
115	130	139	173	216	239
125	147	153	183	219	236
135	146	146	167	188	199
145	142	138	150	163	168
155	140	133	138	144	147
165	140	132	132	133	134
175	139	134	132	132	132
180	139	139	139	139	139

ZONAL LUMENS

Zone	Lumens
0	
0-10	111
10-20	317
20-30	474
30-40	559
40-50	563
50-60	492
60-70	368
70-80	221
80-90	81
90-100	19
100-110	99
110-120	172
120-130	167
130-140	132
140-150	96
150-160	66
160-170	38
170-180	13
180	

LUMINANCE DATA (cd/m²)

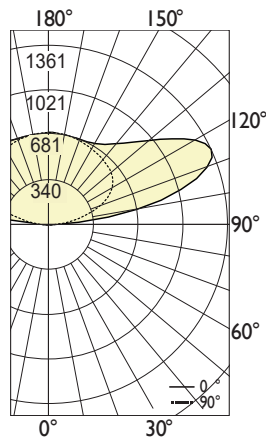
Vertical Angle	Horizontal Angles		
	0	45	90
45	9908	10358	10402
55	9236	9864	9949
65	8440	9393	9533
75	7606	9225	9598
85	7259	11806	13131

NO SHIELDING (NO)

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

100% up at 1000 lm/ft

PHOTOMETRIC CURVE



Luminaire Lumens: 3997 lm

Input Watts: 38.1 W

Efficacy: 105 lm/W

IES FILE: LTLED-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	4	5	6	7	7
95	70	151	237	243	228
105	293	384	650	948	1037
115	490	534	750	1156	1355
125	594	619	746	984	1138
135	631	644	712	820	883
145	650	653	681	723	744
155	670	667	676	688	693
165	687	685	686	688	689
175	697	699	696	696	697
180	699	699	699	699	699

ZONAL LUMENS

Zone	Lumens
90	
90-100	184
100-110	662
110-120	825
120-130	733
130-140	578
140-150	438
150-160	316
160-170	195
170-180	66
180	

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