

Spotless Lens



	NOMINAL LUMEN OUTPUT		INPUT WATTS	EFFICACY	SHIELDING
DISTRIBUTION	UP	DOWN			
80up/20down at 1000 lm/ft	800 lm/ft	200 lm/ft	8.4 w/ft	78 lm/w	SR
80up/20down at 1000 lm/ft	800 lm/ft	200 lm/ft	9.1 w/ft	120 lm/w	PL
80up/20down at 1000 lm/ft	800 lm/ft	200 lm/ft	8 w/ft	125 lm/w	SO
100up/0down at 1000 lm/ft	1000 lm/ft	-	9.5 w/ft	105 lm/w	NO



LTWLED											
PRODUCT ID		LIGHT ENGINE		NOMINAL LUMENS/FT		CRI		COLOR TEMP. (choose one)			
LTWLED	Wall 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 100/0	SurroundLite 100% up/0% down (indirect)	1000	1000 lm/ft - Max	90	90 CRI	35	3500 K	TW2765	2700-6500 K - Tunable White
								40	4000 K		
				Applies to both UP & DOWN. Outputs between listed min and max are available. Consult factory for other lumen packages Consult factory for max output with 90 CRI		Applies to both UP & DOWN.		Applies to both UP & DOWN.			

SHIELDING			FIXTURE LENGTH		FINISH		VOLTAGE		DRIVER	
SO	spotless lens*	Semi-Indirect option only (SL 80/20)	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	Indirect option only (SL 100/0)	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.		Applies to both UP & DOWN. * See page 3 to specify system ** Please consult factory; see page 3.	

CIRCUITS		BATTERY (OPTIONAL)		IC CONTROLS		CUSTOM	
1	1 circuit	B(#)	battery pack (integral)	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		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	



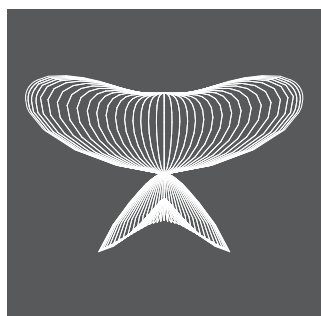
● SURROUNDLITE TECHNOLOGY

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)





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.

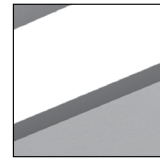
LED SYSTEM

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).

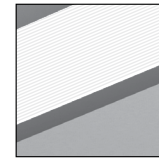
LIGHT GUIDE

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.

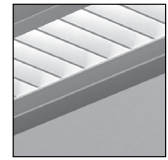
OPTICS



SO spotless lens



SR satin ribbed lens



PL flat blade louvers

SYSTEMS (S#)

Runs of LT 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 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.

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

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

OTHER MOUNTING OPTIONS

LT is also available as a pendant mount.

FINISH

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

APPROVALS

Certified to UL and CSA standards Suitable for damp locations.

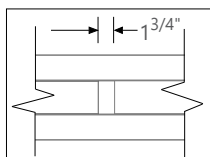
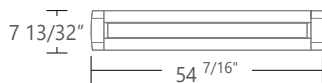
WARRANTY

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.

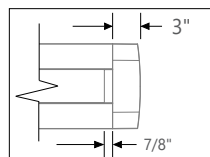


● LENGTHS

LT SurroundLite 4ft (4)

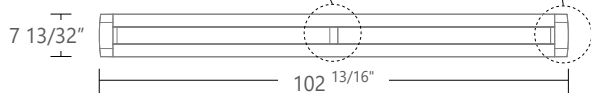


For all fixture lengths

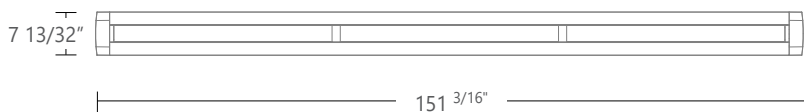


For all fixture lengths

LT SurroundLite 8ft



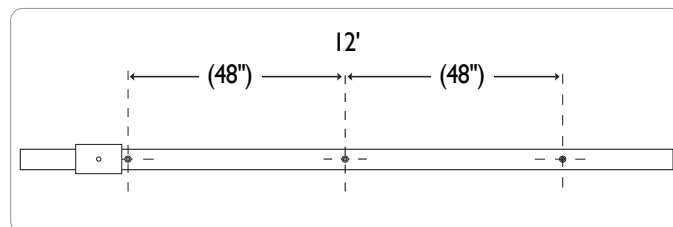
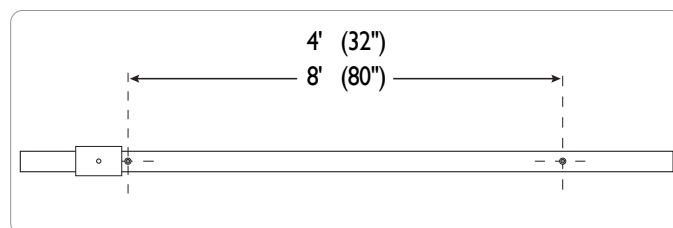
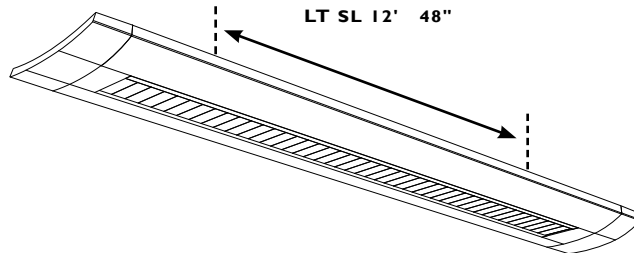
LT SurroundLite 12ft



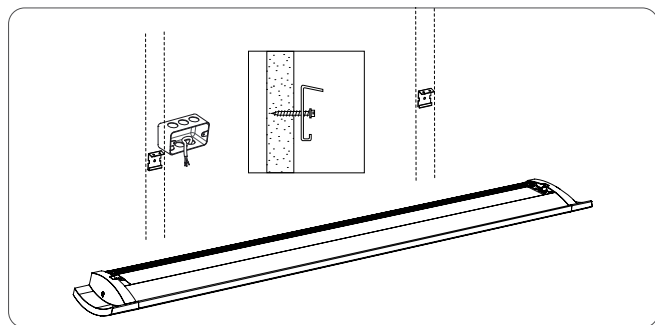
● MOUNTING SPACING

Distance Between Mounting Points:

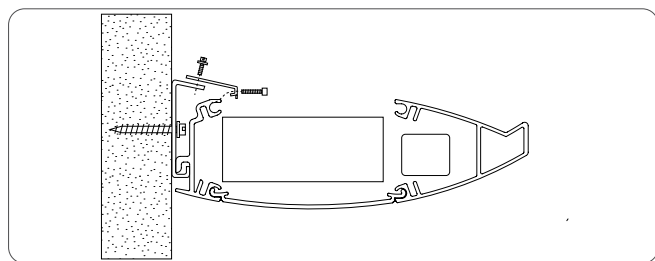
LT SL 4' 32"
LT SL 8' 80"
LT SL 12' 48"



● MOUNTING DETAILS



MOUNTING BRACKETS



SIDE VIEW

● WEIGHT

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

i Installation sheets for all mounting options are available at:
www.axislighting.com



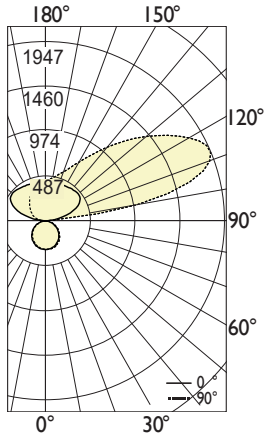
● PHOTOMETRIC DATA

SATIN RIBBED LENS (SR)

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

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

PHOTOMETRIC CURVE



Luminaire Lumens: 3995 lm

Input Watts: 33.4 W

Efficacy: 120 lm/W

IES FILE: LTWLED-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	310	310	310	310	310
5	310	310	311	312	312
15	299	302	304	306	306
25	278	282	286	288	289
35	248	252	256	259	260
45	208	212	217	219	221
55	162	166	170	172	173
65	112	115	119	121	122
75	61	63	67	69	70
85	18	19	22	23	24
90	2	3	4	5	5
95	57	182	248	103	68
105	240	476	890	1400	1626
115	393	636	1043	1621	1938
125	458	672	1002	1411	1621
135	459	614	850	1111	1230
145	443	540	673	818	876
155	433	488	552	614	638
165	430	456	485	507	516
175	430	438	444	451	452
180	431	431	431	431	431

ZONAL LUMENS

Zone	Lumens
0	
0-10	29
10-20	84
20-30	128
30-40	155
40-50	160
50-60	145
60-70	111
70-80	65
80-90	21
90-100	140
100-110	546
110-120	660
120-130	590
130-140	457
140-150	323
150-160	215
160-170	125
170-180	41
180	

LUMINANCE DATA (cd/m²)

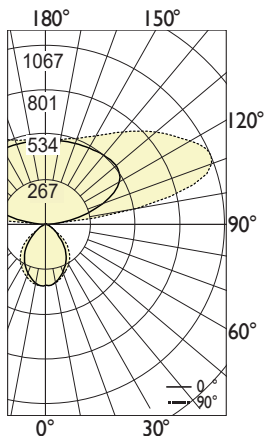
Vertical Angle	Horizontal Angles		
	0	45	90
45	2704	2817	2873
55	2602	2721	2778
65	2447	2592	2651
75	2154	2384	2487
85	1857	2275	2541

LOUVER (PL)

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

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

PHOTOMETRIC CURVE



Luminaire Lumens: 3995 lm

Input Watts: 36.4 W

Efficacy: 110 lm/W

IES FILE: LTWLED-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	356	356	356	356	356
5	356	354	354	353	352
15	318	319	324	327	327
25	266	265	266	279	288
35	204	198	200	221	242
45	125	120	130	151	178
55	63	57	57	69	77
65	27	24	21	23	31
75	9	8	8	9	14
85	1	1	2	2	3
90	2	2	3	3	3
95	48	99	136	41	37
105	253	323	511	781	892
115	440	488	641	893	1038
125	525	561	671	827	905
135	533	560	637	729	769
145	519	535	578	628	647
155	507	515	534	555	562
165	499	501	508	515	517
175	494	493	494	495	495
180	492	492	492	492	492

ZONAL LUMENS

Zone	Lumens
0	
0-10	34
10-20	92
20-30	129
30-40	137
40-50	113
50-60	63
60-70	26
70-80	11
80-90	3
90-100	187
100-110	595
110-120	688
120-130	622
130-140	497
140-150	362
150-160	246
160-170	144
170-180	47
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	2421	2515	3453
55	1517	1355	1853
65	866	679	1008
75	467	405	744
85	212	288	473

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

