



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : SLI22-LED-SS-CW-UE.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
[TEST]LED-5364  
[TESTLAB]LSI INDUSTRIES  
[ISSUE DATE]03/29/14  
[TEST DATE]03/29/14  
[MANUFACTURER]LSI INDUSTRIES  
[LUMEN CATEGORY]SLI22-LED-SS-CW-UE  
[ABSOLUTE]NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.  
[OTHER]TEST PROCEDURE: IESNA LM-79-08  
[ABSOLUTE LUMENS]2991

**CHARACTERISTICS**

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2991
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	102
Total Luminaire Watts	29.4
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.32
Spacing Criterion (90-270)	1.36
Spacing Criterion (Diagonal)	1.48
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	2.00 ft
Luminous Width (90-270)	2.00 ft
Luminous Height	0.00 ft

**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2232	2308	2452
55	2259	2517	2728
65	2316	2818	3168
75	2410	3376	4030
85	2776	5522	14066

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**CANDELA TABULATION**

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	795	795	795	795	795
2.5	793	794	795	796	797
5.0	793	794	795	796	797
7.5	791	792	794	795	795
10.0	787	789	790	789	788
12.5	782	784	783	781	780
15.0	776	778	774	772	772
17.5	768	770	764	763	762
20.0	759	759	754	754	753
22.5	748	747	743	744	743
25.0	736	734	731	733	733
27.5	722	719	718	722	723
30.0	707	703	704	711	712
32.5	690	686	690	700	701
35.0	672	667	675	687	690
37.5	652	648	658	674	679
40.0	632	628	641	662	668
42.5	610	605	624	650	657
45.0	587	583	607	637	645
47.5	563	560	590	623	632
50.0	536	537	573	608	618
52.5	510	513	556	592	602
55.0	482	487	537	574	582
57.5	453	461	518	552	561
60.0	425	436	496	530	541
62.5	395	410	470	508	520
65.0	364	383	443	484	498
67.5	333	357	417	458	474
70.0	300	330	388	430	446
72.5	267	301	358	401	419
75.0	232	267	325	368	388
77.5	198	232	288	331	350
80.0	163	195	244	283	303
82.5	128	152	191	242	284
85.0	90	102	179	375	456
87.5	47	73	292	430	493
90.0	0	0	0	0	0

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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	294.53	N.A.	9.80
0-30	632.88	N.A.	21.20
0-40	1057.38	N.A.	35.40
0-60	2005.37	N.A.	67.00
0-80	2768.62	N.A.	92.60
0-90	2991.01	N.A.	100.00
10-90	2915.3	N.A.	97.50
20-40	762.85	N.A.	25.50
20-50	1234.7	N.A.	41.30
40-70	1378.81	N.A.	46.10
60-80	763.25	N.A.	25.50
70-80	332.44	N.A.	11.10
80-90	222.39	N.A.	7.40
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	2991.01	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	75.71
10-20	218.82
20-30	338.35
30-40	424.50
40-50	471.85
50-60	476.14
60-70	430.81
70-80	332.44
80-90	222.39
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

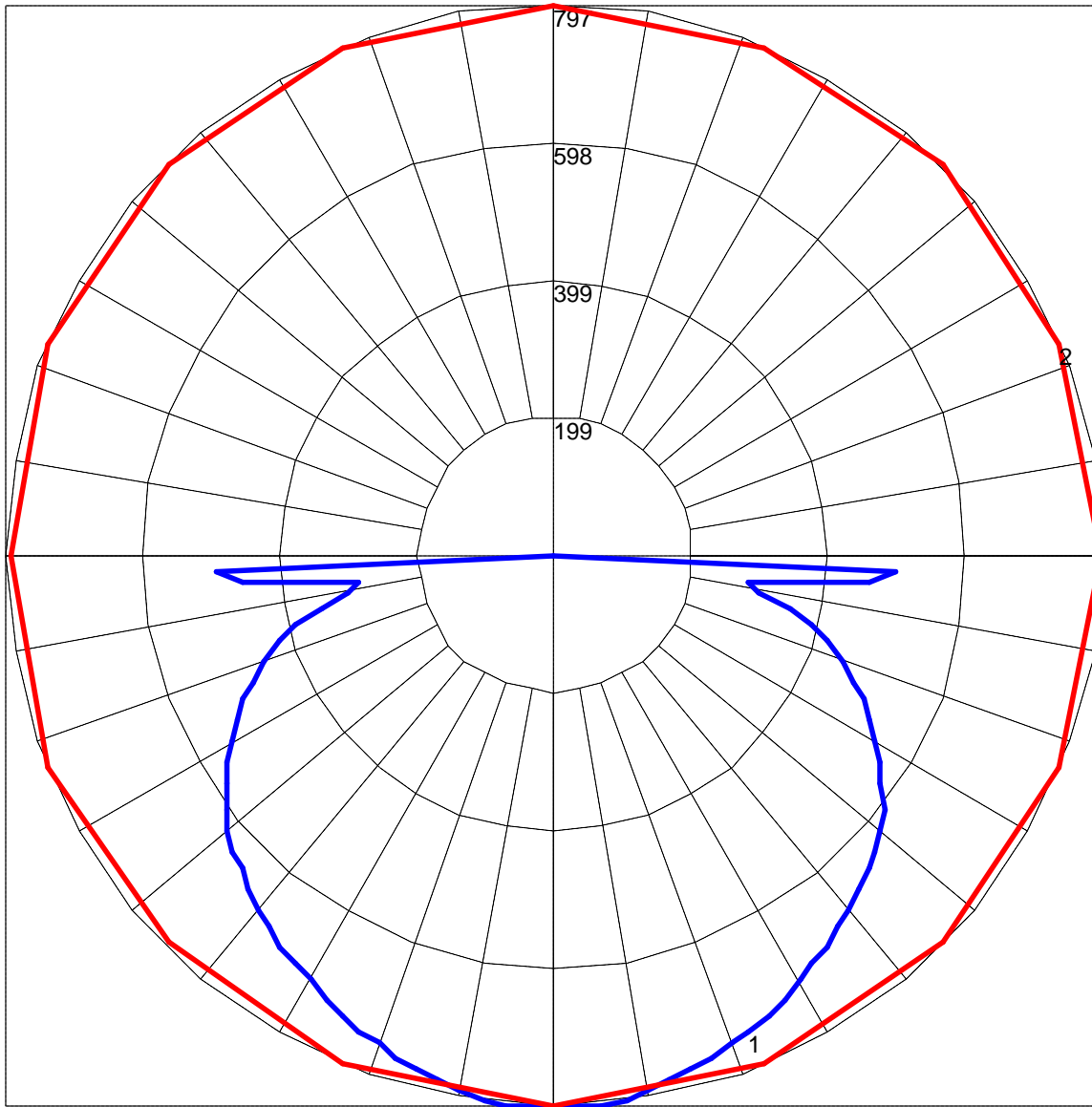
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**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	106	99	94	89	103	97	92	87	93	88	85	89	85	82	85	82	79	77
2	95	85	77	70	92	83	75	69	79	73	67	76	70	66	73	68	64	62
3	86	73	64	57	83	72	63	56	69	61	55	66	59	54	63	58	53	50
4	78	64	55	47	75	63	54	47	60	52	46	58	51	45	56	50	45	42
5	71	57	47	40	69	56	47	40	54	45	39	52	44	39	50	43	38	36
6	66	51	41	34	64	50	41	34	48	40	34	46	39	34	45	38	33	31
7	61	46	37	30	59	45	36	30	44	36	30	42	35	29	41	34	29	27
8	56	42	33	27	55	41	33	27	40	32	26	39	31	26	37	31	26	24
9	53	38	30	24	51	38	29	24	37	29	24	35	28	23	34	28	23	21
10	49	35	27	21	48	35	27	21	34	26	21	33	26	21	32	26	21	19

POLAR GRAPH



Maximum Candela = 797 Located At Horizontal Angle = 90, Vertical Angle = 2.5  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)