



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

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]LED-5397
[TESTLAB]LSI INDUSTRIES
[ISSUE DATE]04/05/14
[TEST DATE]04/05/14
[MANUFACTURER]LSI INDUSTRIES
[LUMEN CATEGORY]SLI22-LED-HO-CW-UE
[ABSOLUTE]NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.
[OTHER]TEST PROCEDURE: IESNA LM-79-08
[ABSOLUTE LUMENS]3517

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3517
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	99
Total Luminaire Watts	35.6
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.34
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	2620	2715	2874
55	2648	2953	3192
65	2723	3314	3696
75	2836	3947	4747
85	3208	7249	17212

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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	932	932	932	932	932
2.5	931	931	932	934	935
5.0	930	931	932	934	935
7.5	928	929	931	933	933
10.0	924	925	927	925	924
12.5	918	920	918	916	915
15.0	910	912	908	906	905
17.5	901	903	897	895	894
20.0	890	890	884	884	883
22.5	878	876	871	872	872
25.0	864	861	857	860	860
27.5	848	843	842	847	848
30.0	830	825	826	834	836
32.5	810	804	809	821	823
35.0	788	782	791	807	810
37.5	766	760	772	792	797
40.0	741	736	753	777	784
42.5	716	711	733	762	770
45.0	689	685	714	747	756
47.5	660	658	693	731	740
50.0	631	630	673	713	724
52.5	597	601	652	694	705
55.0	565	572	630	673	681
57.5	532	541	606	647	659
60.0	499	512	581	622	636
62.5	464	482	552	595	608
65.0	428	452	521	567	581
67.5	391	420	488	536	553
70.0	352	388	455	504	523
72.5	313	353	420	470	491
75.0	273	312	380	432	457
77.5	233	272	336	388	413
80.0	192	229	287	331	357
82.5	151	180	226	308	368
85.0	104	123	235	463	558
87.5	56	100	340	506	583
90.0	0	0	0	0	0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	345.47	N.A.	9.80
0-30	742.34	N.A.	21.10
0-40	1240.41	N.A.	35.30
0-60	2352.6	N.A.	66.90
0-80	3247.85	N.A.	92.30
0-90	3517.22	N.A.	100.00
10-90	3428.43	N.A.	97.50
20-40	894.94	N.A.	25.40
20-50	1448.78	N.A.	41.20
40-70	1617.58	N.A.	46.00
60-80	895.25	N.A.	25.50
70-80	389.87	N.A.	11.10
80-90	269.37	N.A.	7.70
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	3517.22	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	88.80
10-20	256.67
20-30	396.87
30-40	498.07
40-50	553.84
50-60	558.35
60-70	505.39
70-80	389.87
80-90	269.37
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

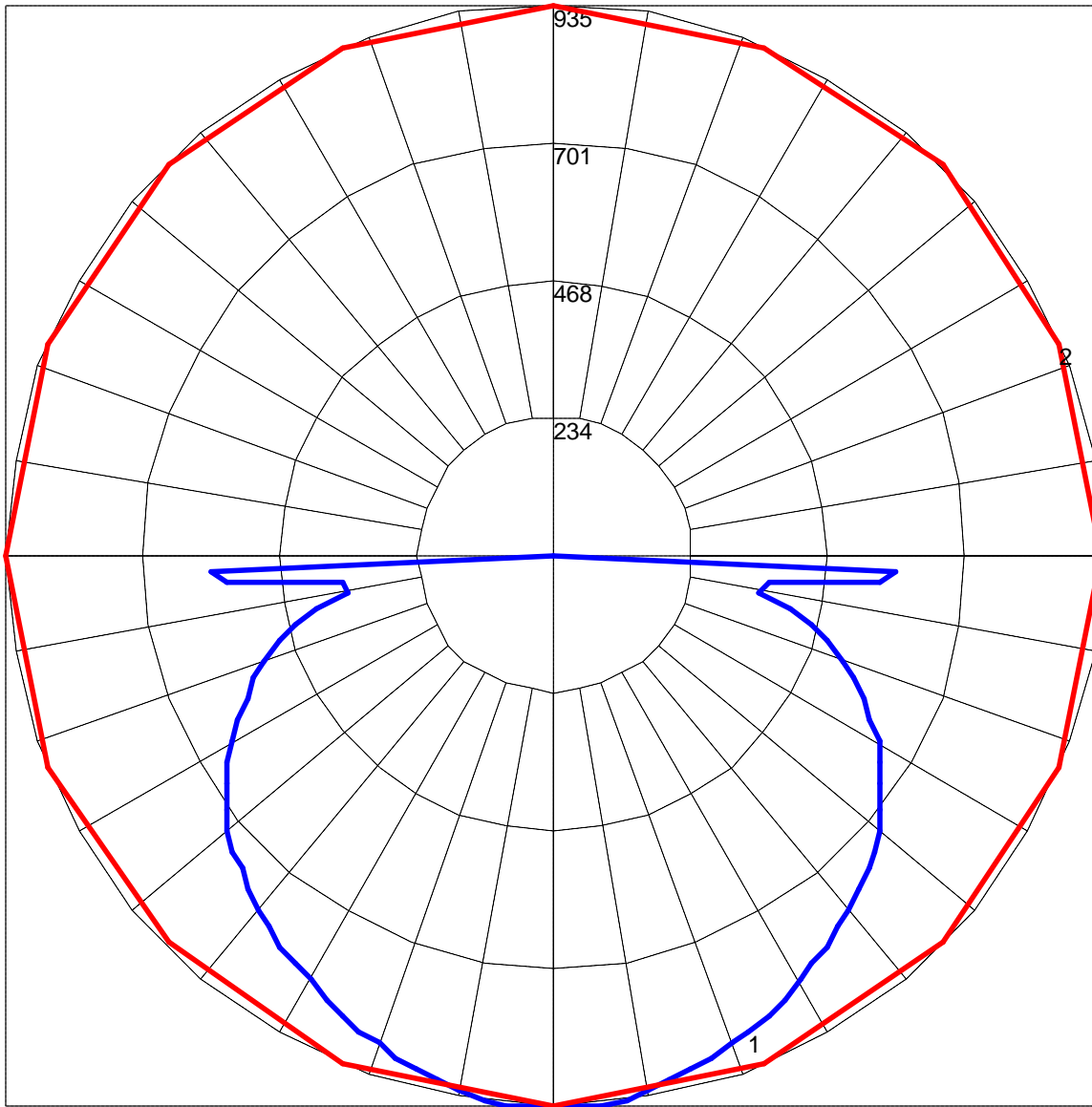
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	105	99	94	89	103	97	92	87	93	88	84	88	85	82	85	82	79	77
2	95	85	77	70	92	83	75	69	79	73	67	76	70	66	72	68	64	62
3	85	73	64	56	83	72	63	56	69	61	55	66	59	54	63	57	53	50
4	78	64	54	47	75	63	54	47	60	52	46	58	51	45	56	49	44	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	33	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	26	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 = 935 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.)