LSI Industries™
American Innovation Through Technology

A SmartVision® for the Future

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SLI24-LED-SS-CW-UE.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]LED-5322
[TESTLAB]LSI INDUSTRIES
[ISSUEDATE]03/22/14
[TESTDATE]03/22/14
[MANUFAC]LSI INDUSTRIES
[LUMCAT]SLI24-LED-SS-CW-UE
[_ABSOLUTE]NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.
[OTHER]TEST PROCEDURE: IESNA LM-79-08
[_ABSOLUTELUMENS]4797

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4797
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	108
Total Luminaire Watts	44.5
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.34
Spacing Criterion (90-270)	1.34
Spacing Criterion (Diagonal)	1.50
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 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	1798	1844	1914
55	1823	2020	2140
65	1861	2287	2471
75	1891	2794	3132
85	1990	4951	10565

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CANDELA TABULATION

	0.0	22.5	45.0	67.5	90.0
0.0	1258	1258	1258	1258	1258
2.5	1270	1268	1258	1251	1251
5.0	1268	1266	1257	1251	1251
7.5	1264	1263	1255	1251	1251
10.0	1258	1258	1252	1246	1244
12.5	1251	1250	1244	1234	1233
15.0	1241	1241	1231	1221	1219
17.5	1229	1230	1216	1206	1205
20.0	1214	1216	1200	1191	1189
22.5	1197	1198	1182	1175	1174
25.0	1178	1178	1163	1157	1157
27.5	1156	1154	1142	1139	1140
30.0	1133	1129	1120	1120	1122
32.5	1107	1103	1097	1100	1103
35.0	1079	1074	1073	1079	1083
37.5	1049	1044	1048	1058	1063
40.0	1017	1012	1023	1036	1043
42.5	982	979	996	1015	1026
45.0	946	944	970	995	1007
47.5	906	908	942	975	987
50.0	866	870	916	953	966
52.5	824	830	890	930	942
55.0	778	790	862	903	913
57.5	732	750	831	872	883
60.0	684	710	799	837	850
62.5	635	669	762	802	816
65.0	585	627	719	764	777
67.5	533	586	678	724	737
70.0	477	544	636	681	694
72.5	423	497	590	637	650
75.0	364	445	538	590	603
77.5	307	394	484	533	547
80.0	249	338	423	462	464
82.5	190	277	345	405	446
85.0	129	203	321	588	685
87.5	70	153	530	736	793
90.0	0	0	0	0	0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	467.69	N.A.	9.80
0-30	1005.91	N.A.	21.00
0-40	1680.67	N.A.	35.00
0-60	3191.33	N.A.	66.50
0-80	4421.38	N.A.	92.20
0-90	4796.6	N.A.	100.00
10-90	4676.67	N.A.	97.50
20-40	1212.98	N.A.	25.30
20-50	1963.45	N.A.	40.90
40-70	2201.48	N.A.	45.90
60-80	1230.05	N.A.	25.60
70-80	539.24	N.A.	11.20
80-90	375.21	N.A.	7.80
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	4796.6	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	119.93
10-20	347.76
20-30	538.22
30-40	674.76
40-50	750.47
50-60	760.19
60-70	690.82
70-80	539.24
80-90	375.21
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	102	97	92	87	92	88	84	88	85	82	85	82	79	77
2	94	85	76	69	92	83	75	69	79	72	67	75	70	65	72	68	64	61
3	85	73	64	56	83	71	63	56	68	61	55	65	59	54	63	57	53	50
4	78	64	54	47	75	63	53	46	60	52	46	58	51	45	55	49	44	42
5	71	57	47	40	69	56	46	39	53	45	39	51	44	38	49	43	38	36
6	65	51	41	34	63	50	41	34	48	40	34	46	39	33	45	38	33	31
7	61	46	36	30	59	45	36	30	43	35	29	42	35	29	41	34	29	27
8	56	42	33	26	55	41	32	26	40	32	26	38	31	26	37	31	26	24
9	53	38	30	24	51	38	29	24	36	29	23	35	28	23	34	28	23	21
10	49	35	27	21	48	35	27	21	34	26	21	33	26	21	32	25	21	19

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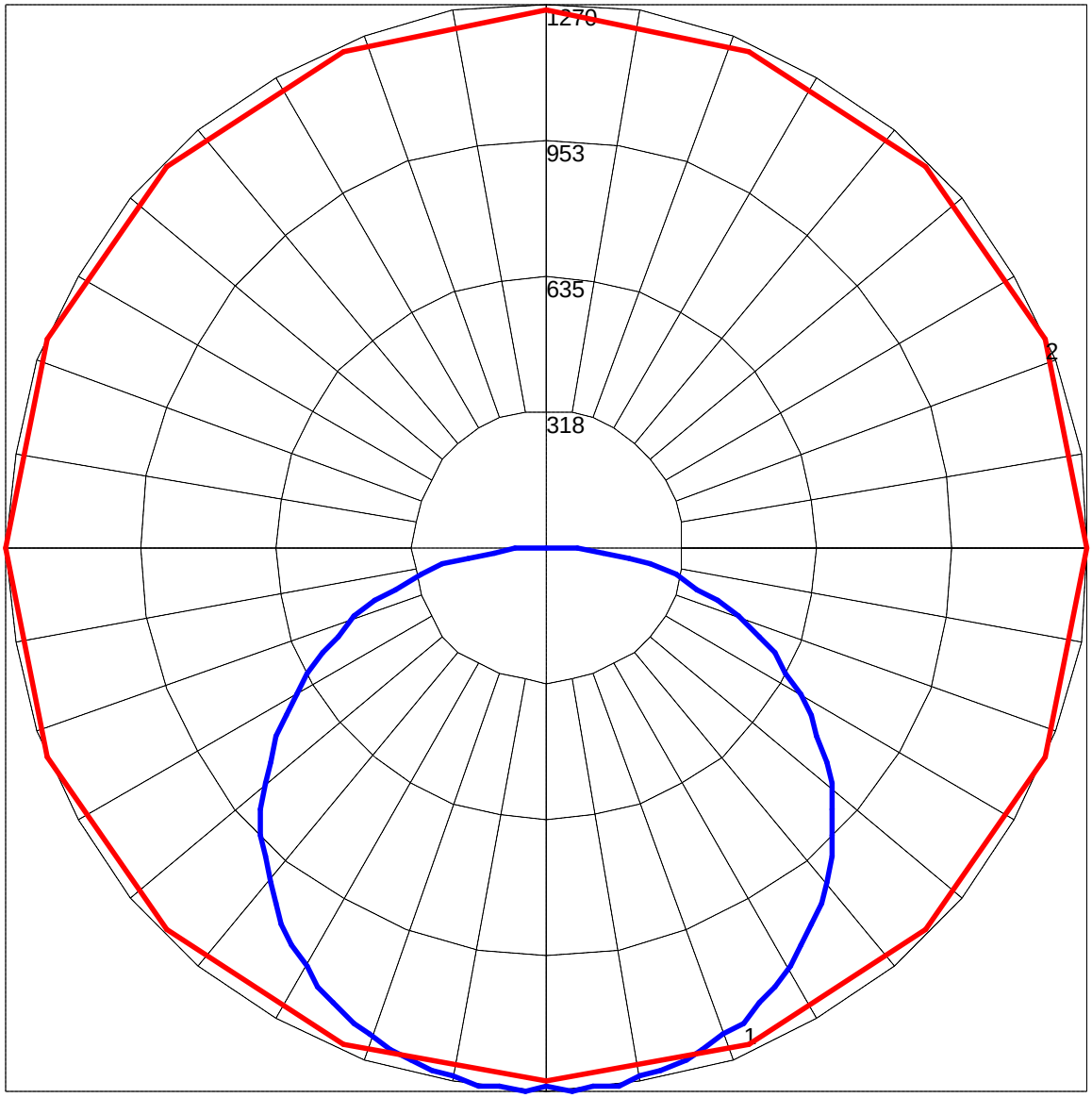
POLAR GRAPH



Maximum Candela = 1270 Located At Horizontal Angle = 0, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)