



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

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]LED-5337
[TESTLAB]LSI INDUSTRIES
[ISSUE DATE]03/26/14
[TEST DATE]03/26/14
[MANUFACTURER]LSI INDUSTRIES
[LUMEN CATEGORY]SLI24-LED-HO-CW-UE
[ABSOLUTE]NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.
[OTHER]TEST PROCEDURE: IESNA LM-79-08
[ABSOLUTE LUMENS]6012

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6012
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	103
Total Luminaire Watts	58.6
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	2257	2310	2397
55	2290	2531	2681
65	2338	2863	3095
75	2374	3506	3926
85	2529	5815	13480

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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	1577	1577	1577	1577	1577
2.5	1591	1589	1577	1568	1568
5.0	1589	1587	1576	1569	1569
7.5	1585	1583	1573	1568	1568
10.0	1578	1577	1569	1562	1561
12.5	1568	1568	1560	1547	1545
15.0	1556	1557	1544	1531	1528
17.5	1540	1543	1525	1513	1510
20.0	1522	1525	1504	1493	1491
22.5	1500	1503	1482	1473	1472
25.0	1477	1476	1458	1451	1451
27.5	1450	1448	1432	1429	1429
30.0	1421	1417	1404	1405	1406
32.5	1388	1383	1376	1379	1383
35.0	1353	1348	1346	1353	1357
37.5	1316	1310	1314	1325	1331
40.0	1276	1270	1282	1298	1307
42.5	1233	1227	1249	1272	1285
45.0	1187	1183	1215	1247	1261
47.5	1137	1136	1181	1221	1237
50.0	1084	1090	1148	1194	1210
52.5	1032	1041	1115	1165	1182
55.0	977	992	1080	1133	1144
57.5	919	942	1042	1090	1104
60.0	860	891	1000	1049	1065
62.5	799	839	954	1005	1020
65.0	735	786	900	958	973
67.5	667	734	850	907	923
70.0	600	680	797	853	869
72.5	527	622	738	797	814
75.0	457	559	675	737	756
77.5	385	495	607	668	677
80.0	313	426	529	574	582
82.5	240	346	432	484	528
85.0	164	256	377	730	874
87.5	86	175	705	952	1022
90.0	0	0	0	0	0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	586.41	N.A.	9.80
0-30	1261.33	N.A.	21.00
0-40	2107.41	N.A.	35.10
0-60	4000.79	N.A.	66.50
0-80	5541.59	N.A.	92.20
0-90	6012.13	N.A.	100.00
10-90	5861.79	N.A.	97.50
20-40	1521.00	N.A.	25.30
20-50	2461.49	N.A.	40.90
40-70	2759.04	N.A.	45.90
60-80	1540.8	N.A.	25.60
70-80	675.14	N.A.	11.20
80-90	470.54	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	6012.13	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	150.34
10-20	436.07
20-30	674.91
30-40	846.09
40-50	940.49
50-60	952.89
60-70	865.66
70-80	675.14
80-90	470.54
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

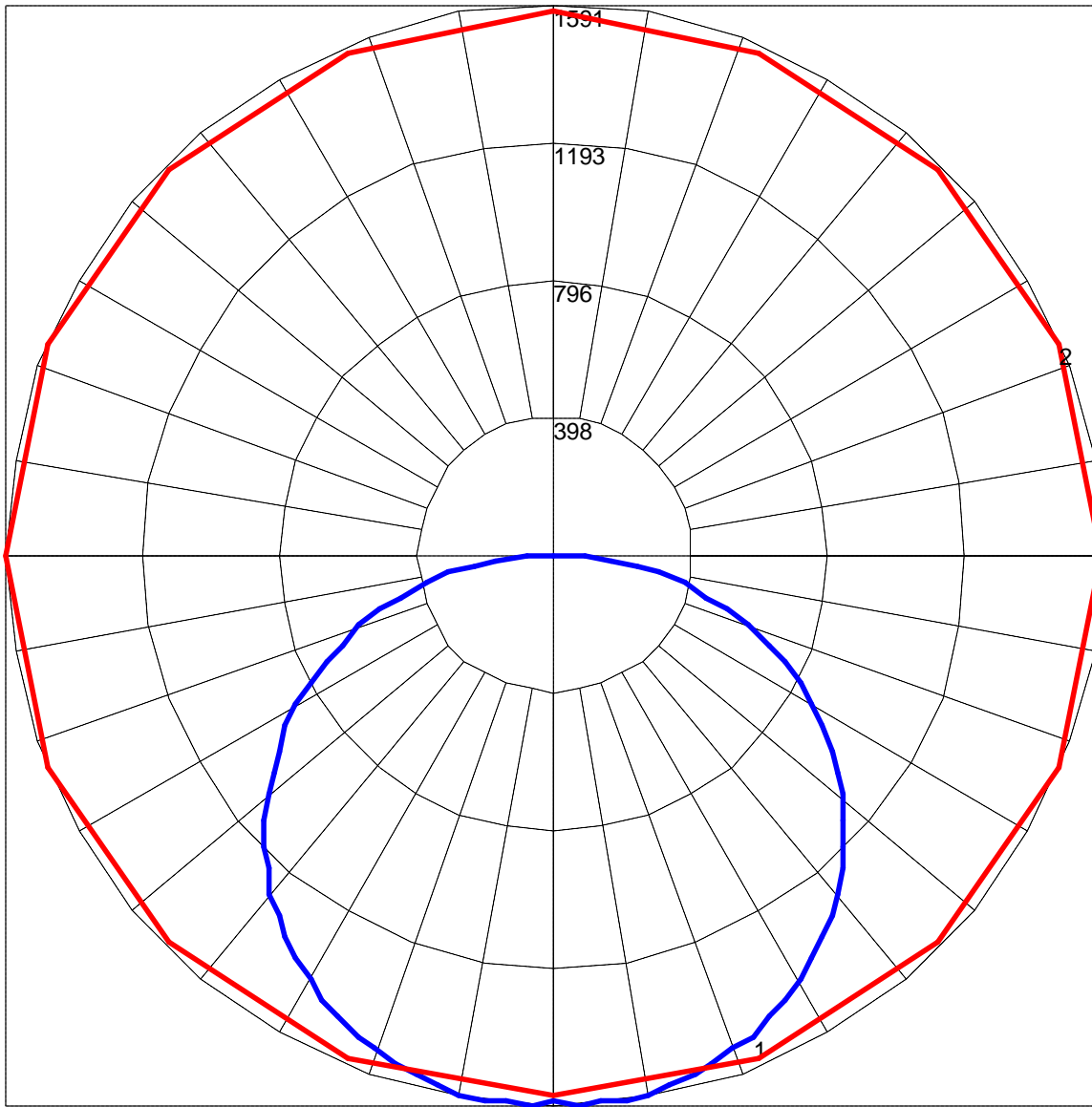
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	37	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

POLAR GRAPH



Maximum Candela = 1591 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.)