



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPASC14-LED-65L-40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]LED-8862
[TESTLAB]LSI INDUSTRIES, INC
[ISSUE DATE]05/02/17
[TEST DATE]05/02/17
[MANUFACTURER]LSI INDUSTRIES, INC
[LUMEN CATEGORY]LPASC14-LED-65L-40
[ABSOLUTE]NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.
[OTHER]TEST PROCEDURE: IESNA LM-79-08
[SEARCH_SOURCE TYPE] LED
[SEARCH_APPLICATION] Indoor

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6518
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	127
Total Luminaire Watts	51.4
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.38
Spacing Criterion (Diagonal)	1.44
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	1.00 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	5042	5680	6171
55	4668	5648	6398
65	4313	5719	6546
75	3937	5692	5536
85	3609	5182	5429

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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	2055	2055	2055	2055	2055
2.5	2101	2071	2055	2040	2026
5.0	2099	2070	2055	2041	2027
7.5	2093	2065	2052	2039	2026
10.0	2081	2054	2044	2034	2023
12.5	2064	2039	2033	2028	2017
15.0	2041	2019	2018	2018	2009
17.5	2011	1993	1998	2004	1998
20.0	1976	1962	1974	1987	1984
22.5	1935	1924	1946	1966	1966
25.0	1888	1884	1914	1942	1945
27.5	1831	1837	1875	1914	1920
30.0	1769	1782	1833	1882	1892
32.5	1704	1723	1787	1846	1859
35.0	1635	1659	1735	1805	1821
37.5	1562	1593	1679	1760	1780
40.0	1485	1522	1620	1709	1734
42.5	1406	1449	1559	1656	1680
45.0	1326	1375	1494	1598	1623
47.5	1245	1298	1424	1537	1564
50.0	1163	1216	1354	1471	1501
52.5	1082	1138	1280	1402	1435
55.0	996	1057	1205	1331	1365
57.5	912	976	1130	1258	1292
60.0	833	898	1051	1180	1215
62.5	755	822	976	1098	1131
65.0	678	745	899	1011	1029
67.5	602	670	820	909	911
70.0	528	595	738	795	786
72.5	454	523	647	675	657
75.0	379	452	548	552	533
77.5	307	385	447	438	422
80.0	241	312	345	334	329
82.5	177	238	252	248	251
85.0	117	161	168	175	176
87.5	60	86	89	92	95
90.0	0	0	0	0	0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	766.60	N.A.	11.80
0-30	1648.73	N.A.	25.30
0-40	2732.13	N.A.	41.90
0-60	4945.1	N.A.	75.90
0-80	6342.09	N.A.	97.30
0-90	6517.96	N.A.	100.00
10-90	6321.95	N.A.	97.00
20-40	1965.53	N.A.	30.20
20-50	3111.2	N.A.	47.70
40-70	3077.62	N.A.	47.20
60-80	1396.99	N.A.	21.40
70-80	532.35	N.A.	8.20
80-90	175.87	N.A.	2.70
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	6517.96	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	196.02
10-20	570.59
20-30	882.12
30-40	1083.4
40-50	1145.67
50-60	1067.3
60-70	864.65
70-80	532.35
80-90	175.87
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

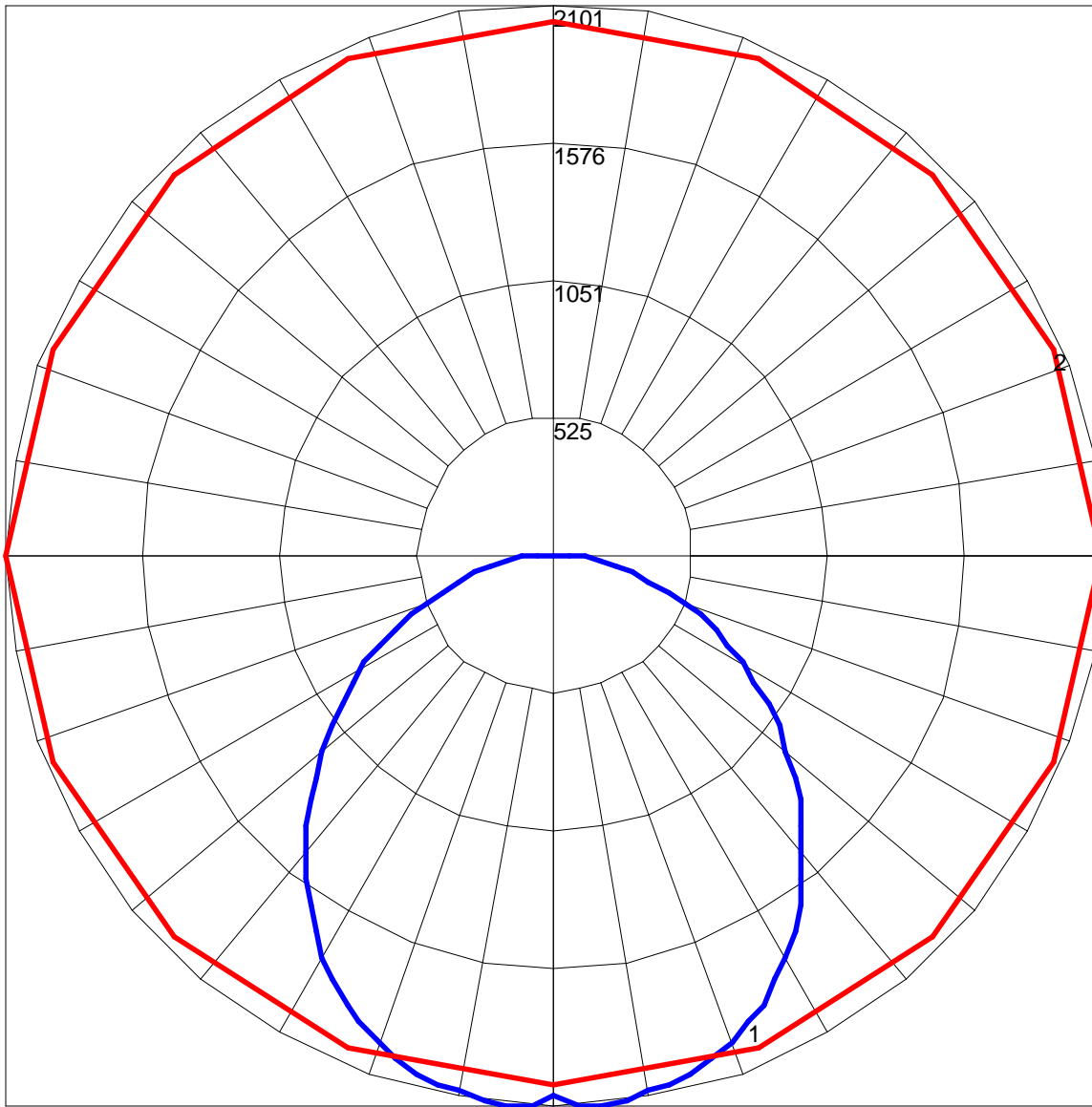
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	108	103	98	94	105	101	97	93	96	93	90	92	90	87	89	87	84	82
2	98	89	82	76	95	87	81	75	84	78	73	80	76	72	77	73	70	68
3	89	78	69	63	86	76	68	62	73	66	61	70	65	60	68	63	59	56
4	81	69	60	53	79	67	59	52	65	57	51	62	56	51	60	55	50	48
5	74	61	52	45	72	60	51	45	58	50	44	56	49	44	54	48	43	41
6	69	55	46	39	67	54	45	39	52	44	39	50	44	38	49	43	38	36
7	64	50	41	34	62	49	40	34	47	40	34	46	39	34	44	38	33	31
8	59	45	37	31	58	45	36	30	43	36	30	42	35	30	41	35	30	28
9	55	42	33	27	54	41	33	27	40	32	27	39	32	27	38	31	27	25
10	52	38	30	25	50	38	30	25	37	30	25	36	29	25	35	29	24	23

POLAR GRAPH



Maximum Candela = 2101 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.)