



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LPASC24-LED-65L-40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]LED-8795

[TESTLAB]LSI INDUSTRIES, INC

[ISSUE DATE]04/19/17

[TEST DATE]04/19/17

[MANUFACTURER]LSI INDUSTRIES, INC

[LUMEN CATEGORY]LPASC24-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	6542
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	124
Total Luminaire Watts	52.6
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.40
Spacing Criterion (Diagonal)	1.46
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	1.98 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2409	2768	3056
55	2231	2778	3209
65	2041	2864	3484
75	1874	3280	4262
85	1699	4395	4426

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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	1963	1963	1963	1963	1963
2.5	2012	1980	1964	1947	1931
5.0	2010	1979	1965	1949	1933
7.5	2004	1974	1961	1948	1934
10.0	1990	1964	1954	1945	1933
12.5	1973	1949	1945	1941	1931
15.0	1950	1929	1931	1934	1926
17.5	1921	1904	1914	1924	1919
20.0	1887	1875	1892	1910	1908
22.5	1847	1841	1867	1893	1894
25.0	1800	1801	1837	1872	1876
27.5	1748	1756	1801	1847	1855
30.0	1690	1705	1763	1818	1830
32.5	1628	1649	1719	1785	1801
35.0	1561	1588	1670	1748	1767
37.5	1490	1522	1618	1707	1729
40.0	1413	1453	1563	1662	1687
42.5	1336	1383	1504	1613	1641
45.0	1254	1309	1441	1559	1591
47.5	1177	1236	1377	1502	1536
50.0	1098	1161	1311	1441	1479
52.5	1020	1087	1242	1381	1417
55.0	942	1011	1173	1316	1355
57.5	866	936	1104	1250	1290
60.0	790	860	1033	1182	1223
62.5	708	783	963	1114	1154
65.0	635	709	891	1045	1084
67.5	563	639	823	975	1014
70.0	493	571	756	904	943
72.5	424	505	691	845	874
75.0	357	441	625	775	812
77.5	292	379	564	713	754
80.0	227	319	502	617	623
82.5	165	262	417	475	468
85.0	109	202	282	285	284
87.5	55	116	132	145	152
90.0	0	0	0	0	0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	733.54	N.A.	11.20
0-30	1580.39	N.A.	24.20
0-40	2623.48	N.A.	40.10
0-60	4769.28	N.A.	72.90
0-80	6278.65	N.A.	96.00
0-90	6541.53	N.A.	100.00
10-90	6354.18	N.A.	97.10
20-40	1889.94	N.A.	28.90
20-50	2995.95	N.A.	45.80
40-70	3014.8	N.A.	46.10
60-80	1509.37	N.A.	23.10
70-80	640.37	N.A.	9.80
80-90	262.88	N.A.	4.00
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	6541.53	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	187.34
10-20	546.20
20-30	846.85
30-40	1043.09
40-50	1106.01
50-60	1039.79
60-70	869.00
70-80	640.37
80-90	262.88
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

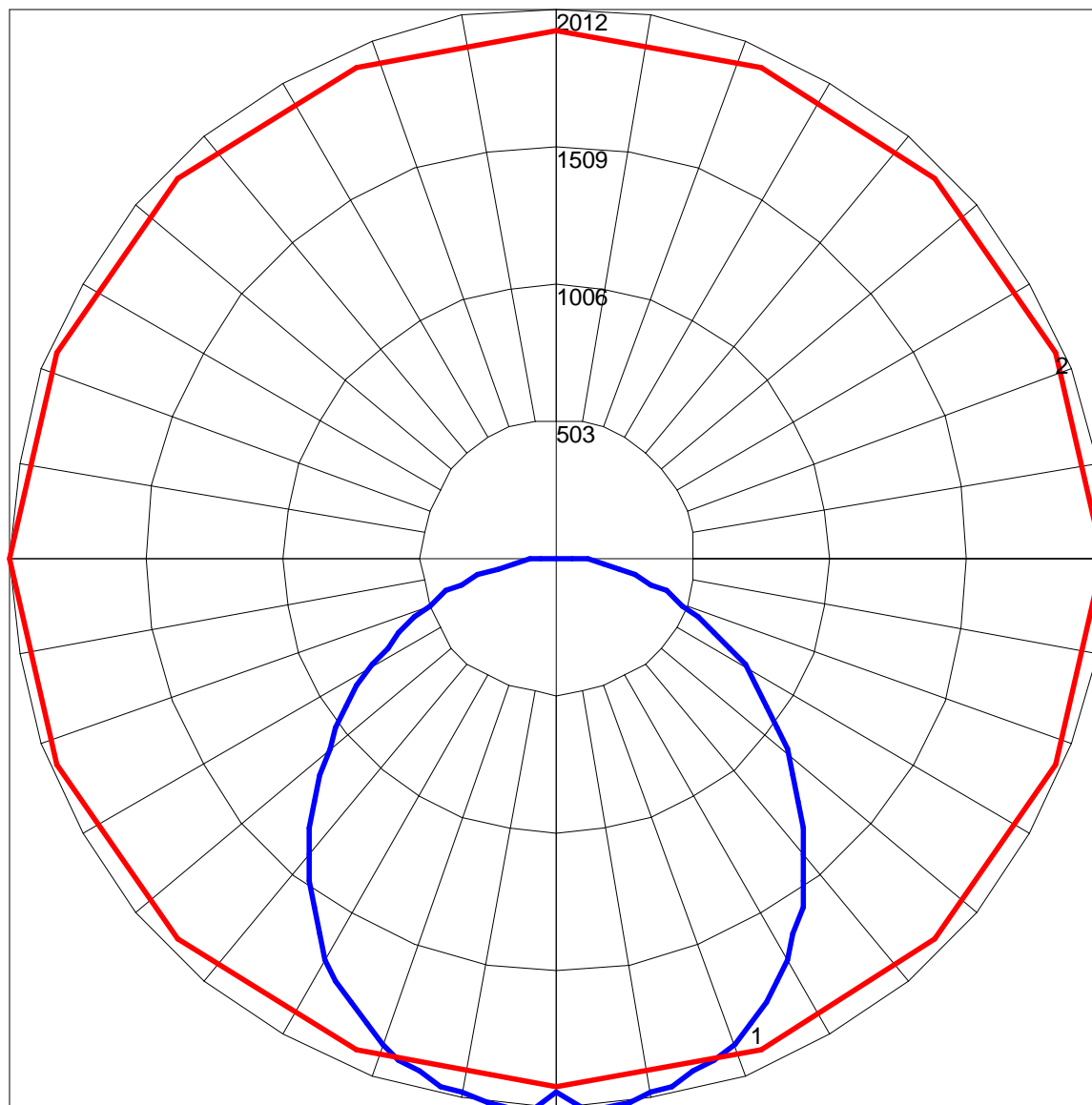
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	107	102	97	93	104	99	95	91	95	91	88	91	88	85	88	85	83	81
2	97	88	80	74	94	86	79	73	82	76	71	79	74	70	76	72	68	66
3	88	76	68	61	85	75	67	60	72	65	59	69	63	58	66	61	57	54
4	80	67	58	51	78	66	57	50	63	56	50	61	54	49	59	53	48	46
5	73	60	50	43	71	59	50	43	57	49	43	55	48	42	53	47	42	39
6	68	54	44	38	66	53	44	38	51	43	37	49	42	37	48	41	36	34
7	63	49	40	33	61	48	39	33	46	38	33	45	38	32	43	37	32	30
8	58	44	35	29	57	44	35	29	42	35	29	41	34	29	40	33	29	27
9	54	41	32	26	53	40	32	26	39	31	26	38	31	26	37	30	26	24
10	51	37	29	24	50	37	29	24	36	29	24	35	28	24	34	28	23	22

POLAR GRAPH



Maximum Candela = 2012 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.)