IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPEC22-LED-50L-40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]LED-8823
[TESTLAB]LSI INDUSTRIES, INC
[ISSUEDATE]04/25/17
[TESTDATE]04/25/17
[MANUFAC]LSI INDUSTRIES, INC
[LUMCAT]LPEC22-LED-50L-40
[_ABSOLUTE]NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.
[OTHER]TEST PROCEDURE: IESNA LM-79-08
[_SEARCH_SOURCETYPE] LED
[_SEARCH_APPLICATION] Indoor

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5093
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	125
Total Luminaire Watts	40.7
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.44
Spacing Criterion (Diagonal)	1.46
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.98 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	3731	4422	5063
55	3422	4470	5509
65	3040	4508	6158
75	2620	4688	7245
85	1984	4788	7434

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPEC22-LED-50L-40.IES

CANDELA TABULATION

	0.0	22.5	45.0	67.5	90.0
0.0	1522	1522	1522	1522	1522
2.5	1545	1537	1522	1510	1506
5.0	1543	1535	1522	1511	1507
7.5	1538	1533	1520	1512	1509
10.0	1528	1523	1516	1510	1508
12.5	1513	1511	1507	1507	1507
15.0	1498	1496	1499	1504	1505
17.5	1475	1477	1485	1495	1500
20.0	1447	1454	1471	1488	1495
22.5	1419	1429	1453	1478	1488
25.0	1384	1398	1431	1465	1480
27.5	1345	1362	1406	1450	1467
30.0	1300	1323	1379	1431	1452
32.5	1251	1279	1345	1409	1435
35.0	1196	1230	1309	1385	1414
37.5	1141	1180	1270	1357	1390
40.0	1084	1125	1228	1327	1365
42.5	1023	1071	1185	1294	1336
45.0	961	1013	1139	1258	1304
47.5	902	956	1091	1222	1270
50.0	839	896	1041	1180	1232
52.5	778	837	988	1137	1193
55.0	715	775	934	1091	1151
57.5	653	712	876	1041	1105
60.0	590	650	817	990	1056
62.5	527	586	758	936	1004
65.0	468	524	694	877	948
67.5	409	464	632	816	887
70.0	353	403	569	752	822
72.5	298	346	505	685	757
75.0	247	289	442	618	683
77.5	195	235	376	538	601
80.0	146	182	305	450	505
82.5	104	133	234	345	382
85.0	63	82	152	216	236
87.5	27	35	68	89	89
90.0	0	0	0	0	0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPEC22-LED-50L-40.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	568.98	N.A.	11.20
0-30	1229.03	N.A.	24.10
0-40	2047.14	N.A.	40.20
0-60	3757.81	N.A.	73.80
0-80	4927.19	N.A.	96.70
0-90	5092.85	N.A.	100.00
10-90	4947.63	N.A.	97.10
20-40	1478.16	N.A.	29.00
20-50	2354.95	N.A.	46.20
40-70	2404.23	N.A.	47.20
60-80	1169.38	N.A.	23.00
70-80	475.81	N.A.	9.30
80-90	165.67	N.A.	3.30
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	5092.85	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	145.23
10-20	423.75
20-30	660.04
30-40	818.11
40-50	876.80
50-60	833.87
60-70	693.57
70-80	475.81
80-90	165.67
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPEC22-LED-50L-40.IES

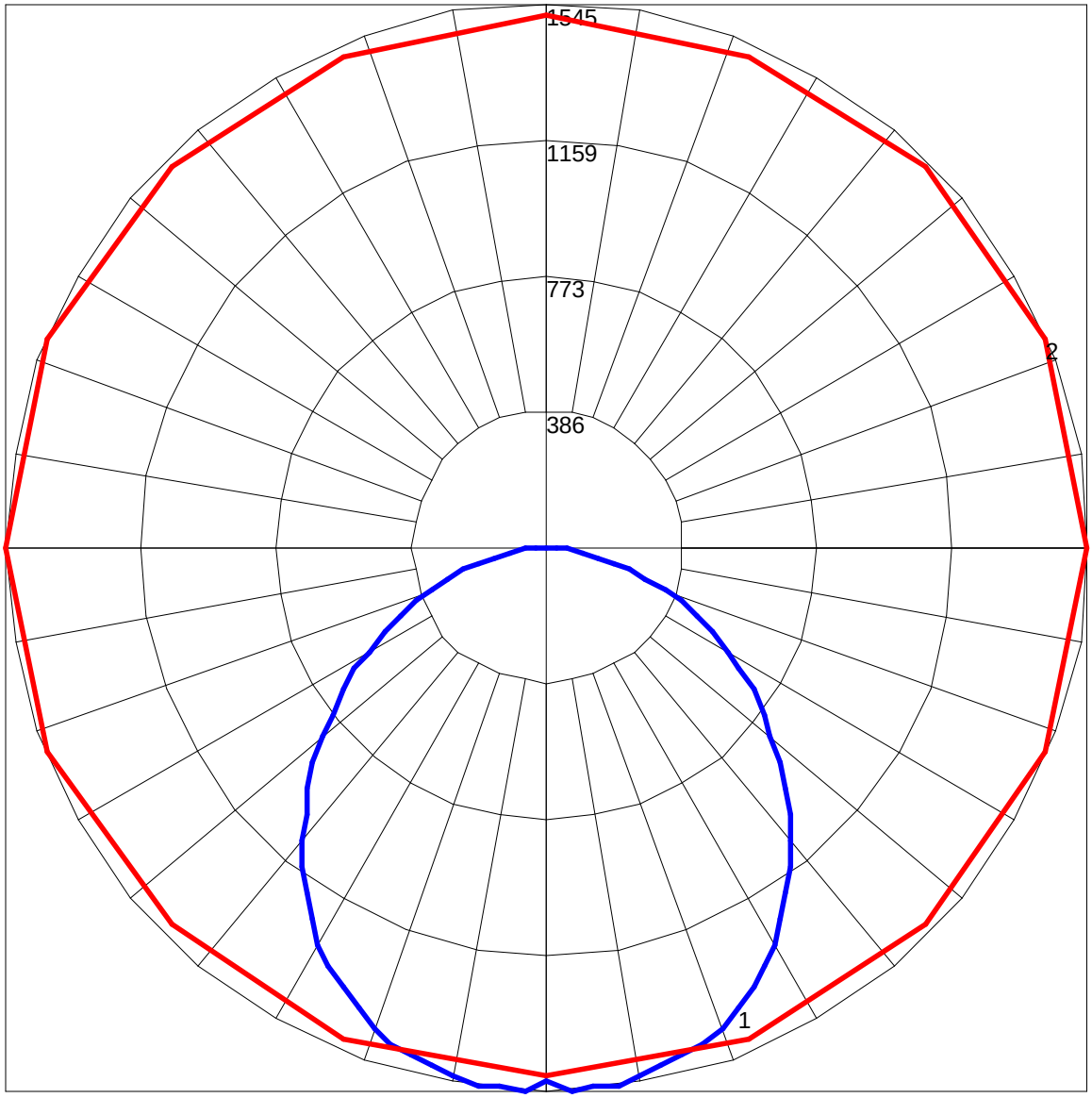
COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	102	98	93	105	100	96	92	96	92	89	92	89	86	88	86	83	81
2	97	88	81	75	94	86	79	74	83	77	72	79	74	70	76	72	69	66
3	88	77	68	61	85	75	67	61	72	65	59	69	63	58	67	62	57	55
4	80	68	58	51	78	66	58	51	64	56	50	61	55	49	59	53	49	46
5	74	60	51	44	71	59	50	43	57	49	43	55	48	42	53	47	42	40
6	68	54	45	38	66	53	44	38	51	43	37	49	42	37	48	42	37	35
7	63	49	40	33	61	48	39	33	46	39	33	45	38	33	44	37	32	30
8	58	44	36	30	57	44	35	29	42	35	29	41	34	29	40	34	29	27
9	55	41	32	26	53	40	32	26	39	31	26	38	31	26	37	31	26	24
10	51	37	29	24	50	37	29	24	36	29	24	35	28	24	34	28	24	22

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPEC22-LED-50L-40.IES

POLAR GRAPH



Maximum Candela = 1545 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.)