



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LPEC22-LED-25L-30.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]LED-8833_Scaled
[TESTLAB]LSI INDUSTRIES, INC
[ISSUE DATE]08/18/17
[TEST DATE]04/26/17
[MANUFACTURER]LSI INDUSTRIES, INC
[LUMEN CATEGORY]LPEC22-LED-25L-30
[ABSOLUTE]NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.
[OTHER]TEST PROCEDURE: IESNA LM-79-08
[OTHER]SCALED FROM ORIGINAL TEST DATA
[SEARCH SOURCE TYPE] LED
[SEARCH APPLICATION] Indoor

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2491
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	117
Total Luminaire Watts	21.3
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.46
Spacing Criterion (Diagonal)	1.48
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	2.00 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	1753	2108	2431
55	1608	2155	2674
65	1455	2190	2988
75	1239	2312	3602
85	948	2503	4134

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPEC22-LED-25L-30.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	726.646	726.646	726.646	726.646	726.646
2.5	740.171	735.253	726.646	720.499	716.810
5.0	740.171	734.023	727.876	720.499	716.810
7.5	736.482	731.564	725.417	721.728	718.040
10.0	731.564	727.876	724.187	721.728	720.499
12.5	724.187	721.728	720.499	719.269	720.499
15.0	716.810	716.810	718.040	720.499	719.269
17.5	705.744	706.974	711.892	716.810	718.040
20.0	693.449	697.138	705.744	715.581	718.040
22.5	678.695	683.613	697.138	710.663	714.351
25.0	662.711	668.859	687.302	705.744	711.892
27.5	643.039	652.875	677.465	700.826	708.203
30.0	620.908	633.203	662.711	692.220	702.056
32.5	597.547	612.301	649.187	682.384	695.908
35.0	574.186	591.399	633.203	673.777	687.302
37.5	547.136	566.809	614.760	660.252	677.465
40.0	518.857	542.218	596.317	646.728	665.170
42.5	490.578	516.398	576.645	631.973	651.646
45.0	461.070	489.349	554.514	614.760	639.350
47.5	434.021	461.070	532.382	598.776	624.596
50.0	404.512	432.791	507.792	580.333	607.383
52.5	373.774	404.512	484.431	561.891	587.711
55.0	343.036	376.233	459.840	539.759	570.497
57.5	314.757	346.725	431.562	516.398	549.595
60.0	284.019	315.987	404.512	490.578	523.776
62.5	256.970	287.708	376.233	467.218	499.185
65.0	228.691	256.970	344.266	437.709	469.677
67.5	200.412	227.461	315.987	408.201	443.857
70.0	172.133	197.953	284.019	378.692	413.119
72.5	146.313	169.674	253.281	347.954	383.610
75.0	119.263	142.624	222.543	313.528	346.725
77.5	94.673	115.575	189.346	274.183	308.610
80.0	72.542	90.984	156.149	233.609	261.888
82.5	51.640	65.165	119.263	181.969	205.330
85.0	30.738	41.804	81.148	121.722	134.018
87.5	13.525	17.213	36.886	51.640	52.869
90.0	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPEC22-LED-25L-30.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	272.25	N.A.	10.90
0-30	589.34	N.A.	23.70
0-40	984.56	N.A.	39.50
0-60	1820.08	N.A.	73.10
0-80	2403.44	N.A.	96.50
0-90	2490.84	N.A.	100.00
10-90	2421.48	N.A.	97.20
20-40	712.31	N.A.	28.60
20-50	1138.71	N.A.	45.70
40-70	1179.43	N.A.	47.40
60-80	583.36	N.A.	23.40
70-80	239.45	N.A.	9.60
80-90	87.40	N.A.	3.50
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	2490.84	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	69.36
10-20	202.89
20-30	317.09
30-40	395.22
40-50	426.40
50-60	409.12
60-70	343.91
70-80	239.45
80-90	87.40
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

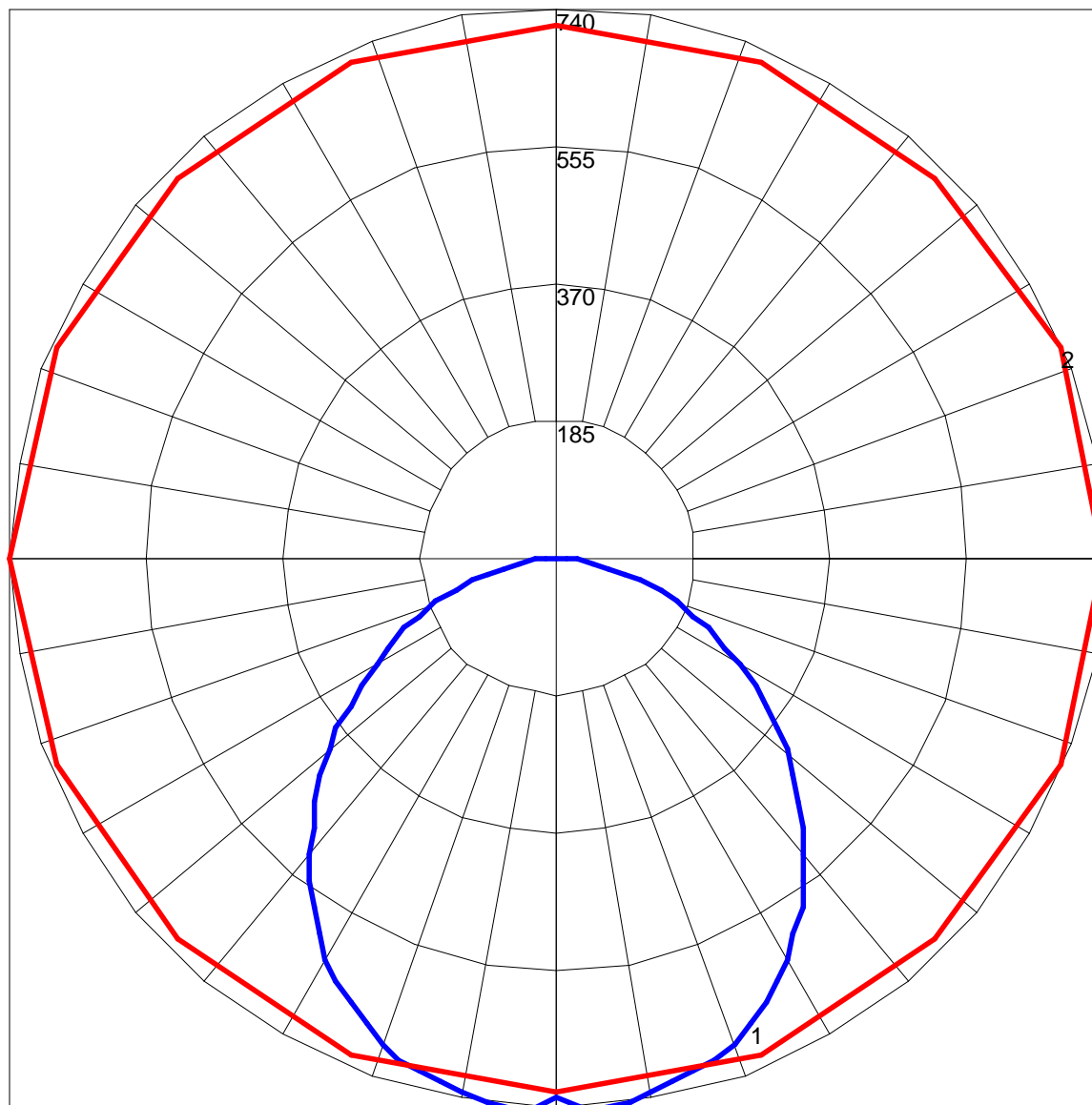
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPEC22-LED-25L-30.IES

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	107	102	97	93	105	100	95	91	95	92	88	91	88	86	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	55
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	56	49	42	54	47	42	52	46	42	39
6	68	54	44	37	66	53	44	37	51	43	37	49	42	37	47	41	36	34
7	63	48	39	33	61	48	39	33	46	38	32	45	37	32	43	37	32	30
8	58	44	35	29	57	43	35	29	42	34	29	41	34	29	40	33	28	26
9	54	40	32	26	53	40	32	26	39	31	26	37	31	26	36	30	26	24
10	51	37	29	24	49	37	29	24	36	28	23	35	28	23	34	28	23	21

POLAR GRAPH



Maximum Candela = 740.171 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.)