



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPEC22-LED-32L-35.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]LED-8833_Scaled
[TESTLAB]LSI INDUSTRIES, INC
[ISSUE DATE]07/10/17
[TEST DATE]04/26/17
[MANUFACTURER]LSI INDUSTRIES, INC
[LUMEN CATEGORY]LPEC22-LED-32L-35
[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	3367
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	130
Total Luminaire Watts	25.8
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	2369	2850	3286
55	2173	2913	3614
65	1966	2960	4039
75	1674	3125	4868
85	1282	3383	5588

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPEC22-LED-32L-35.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	982.183	982.183	982.183	982.183	982.183
2.5	1000.464	993.816	982.183	973.873	968.888
5.0	1000.464	992.154	983.845	973.873	968.888
7.5	995.478	988.831	980.521	975.535	970.550
10.0	988.831	983.845	978.859	975.535	973.873
12.5	978.859	975.535	973.873	972.212	973.873
15.0	968.888	968.888	970.550	973.873	972.212
17.5	953.931	955.593	962.240	968.888	970.550
20.0	937.312	942.297	953.931	967.226	970.550
22.5	917.369	924.016	942.297	960.578	965.564
25.0	895.764	904.074	929.002	953.931	962.240
27.5	869.174	882.469	915.707	947.283	957.254
30.0	839.260	855.879	895.764	935.650	948.945
32.5	807.683	827.626	877.483	922.355	940.635
35.0	776.107	799.374	855.879	910.721	929.002
37.5	739.546	766.136	830.950	892.440	915.707
40.0	701.322	732.898	806.022	874.159	899.088
42.5	663.098	697.998	779.431	854.217	880.807
45.0	623.213	661.436	749.517	830.950	864.188
47.5	586.651	623.213	719.603	809.345	844.245
50.0	546.765	584.989	686.365	784.417	820.979
52.5	505.218	546.765	654.789	759.488	794.388
55.0	463.670	508.541	621.551	729.574	771.122
57.5	425.446	468.656	583.327	697.998	742.869
60.0	383.899	427.108	546.765	663.098	707.969
62.5	347.337	388.885	508.541	631.522	674.731
65.0	309.113	347.337	465.332	591.636	634.846
67.5	270.890	307.452	427.108	551.751	599.946
70.0	232.666	267.566	383.899	511.865	558.398
72.5	197.766	229.342	342.351	470.318	518.513
75.0	161.204	192.780	300.804	423.785	468.656
77.5	127.966	156.219	255.933	370.604	417.137
80.0	98.052	122.981	211.061	315.761	353.985
82.5	69.800	88.081	161.204	245.961	277.537
85.0	41.548	56.505	109.685	164.528	181.147
87.5	18.281	23.267	49.857	69.800	71.462
90.0	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPEC22-LED-32L-35.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	367.99	N.A.	10.90
0-30	796.59	N.A.	23.70
0-40	1330.79	N.A.	39.50
0-60	2460.14	N.A.	73.10
0-80	3248.65	N.A.	96.50
0-90	3366.78	N.A.	100.00
10-90	3273.03	N.A.	97.20
20-40	962.80	N.A.	28.60
20-50	1539.16	N.A.	45.70
40-70	1594.2	N.A.	47.40
60-80	788.51	N.A.	23.40
70-80	323.66	N.A.	9.60
80-90	118.13	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	3366.78	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	93.75
10-20	274.23
20-30	428.60
30-40	534.20
40-50	576.36
50-60	552.99
60-70	464.85
70-80	323.66
80-90	118.13
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

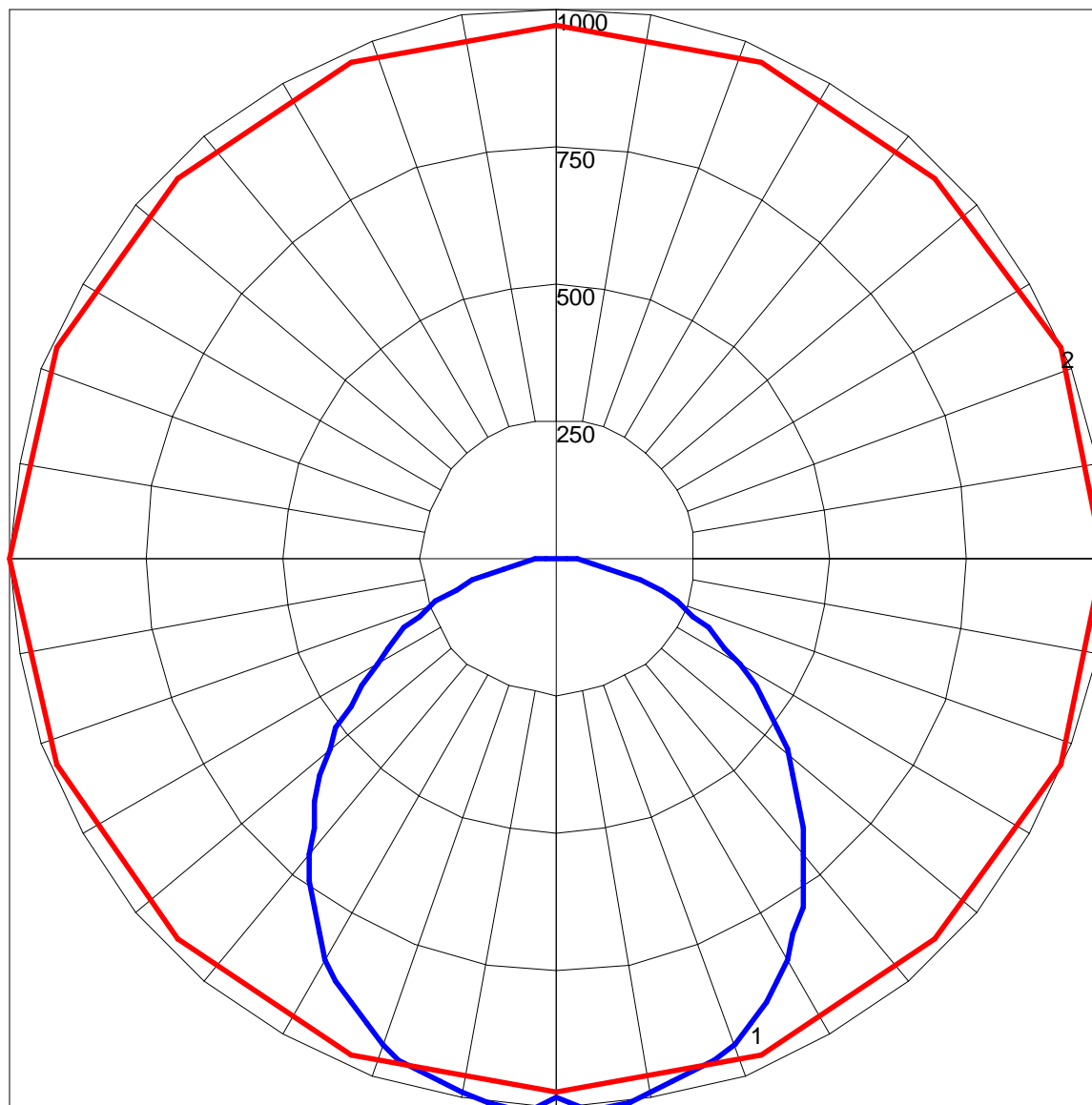
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPEC22-LED-32L-35.IES

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 = 1000.464 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.)