



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPEC22-LED-32L-40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]LED-8977
[TESTLAB]LSI INDUSTRIES, INC
[ISSUE DATE]06/02/17
[TEST DATE]06/02/17
[MANUFACTURER]LSI INDUSTRIES, INC
[LUMEN CATEGORY]LPEC22-LED-32L-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	3283
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	127
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	2342	2791	3205
55	2151	2836	3497
65	1940	2894	3919
75	1683	3064	4581
85	1419	3208	3918

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPEC22-LED-32L-40.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	967	967	967	967	967
2.5	984	978	968	959	955
5.0	984	978	968	960	957
7.5	979	975	966	960	957
10.0	973	969	963	959	958
12.5	964	962	959	958	958
15.0	953	952	954	956	957
17.5	938	939	946	953	956
20.0	921	925	937	949	954
22.5	902	908	926	943	950
25.0	879	889	913	936	945
27.5	855	867	898	928	939
30.0	827	843	881	917	931
32.5	797	816	862	904	921
35.0	763	786	839	889	909
37.5	729	754	816	873	895
40.0	692	721	789	855	879
42.5	656	686	763	835	862
45.0	616	650	734	813	843
47.5	576	613	704	790	823
50.0	536	575	672	765	801
52.5	497	537	639	737	773
55.0	459	499	605	708	746
57.5	420	460	570	677	717
60.0	382	421	533	644	686
62.5	344	382	495	609	652
65.0	305	343	455	573	616
67.5	267	304	417	534	579
70.0	231	265	375	494	538
72.5	196	228	335	451	493
75.0	162	192	295	404	441
77.5	131	157	252	351	386
80.0	101	125	206	293	320
82.5	72	92	156	221	233
85.0	46	59	104	132	127
87.5	22	29	41	36	29
90.0	0	0	0	0	0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPEC22-LED-32L-40.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	362.01	N.A.	11.00
0-30	782.95	N.A.	23.80
0-40	1307.2	N.A.	39.80
0-60	2411.46	N.A.	73.40
0-80	3177.68	N.A.	96.80
0-90	3283.21	N.A.	100.00
10-90	3190.88	N.A.	97.20
20-40	945.18	N.A.	28.80
20-50	1509.84	N.A.	46.00
40-70	1557.34	N.A.	47.40
60-80	766.22	N.A.	23.30
70-80	313.14	N.A.	9.50
80-90	105.52	N.A.	3.20
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	3283.21	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	92.32
10-20	269.69
20-30	420.94
30-40	524.25
40-50	564.66
50-60	539.61
60-70	453.08
70-80	313.14
80-90	105.52
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

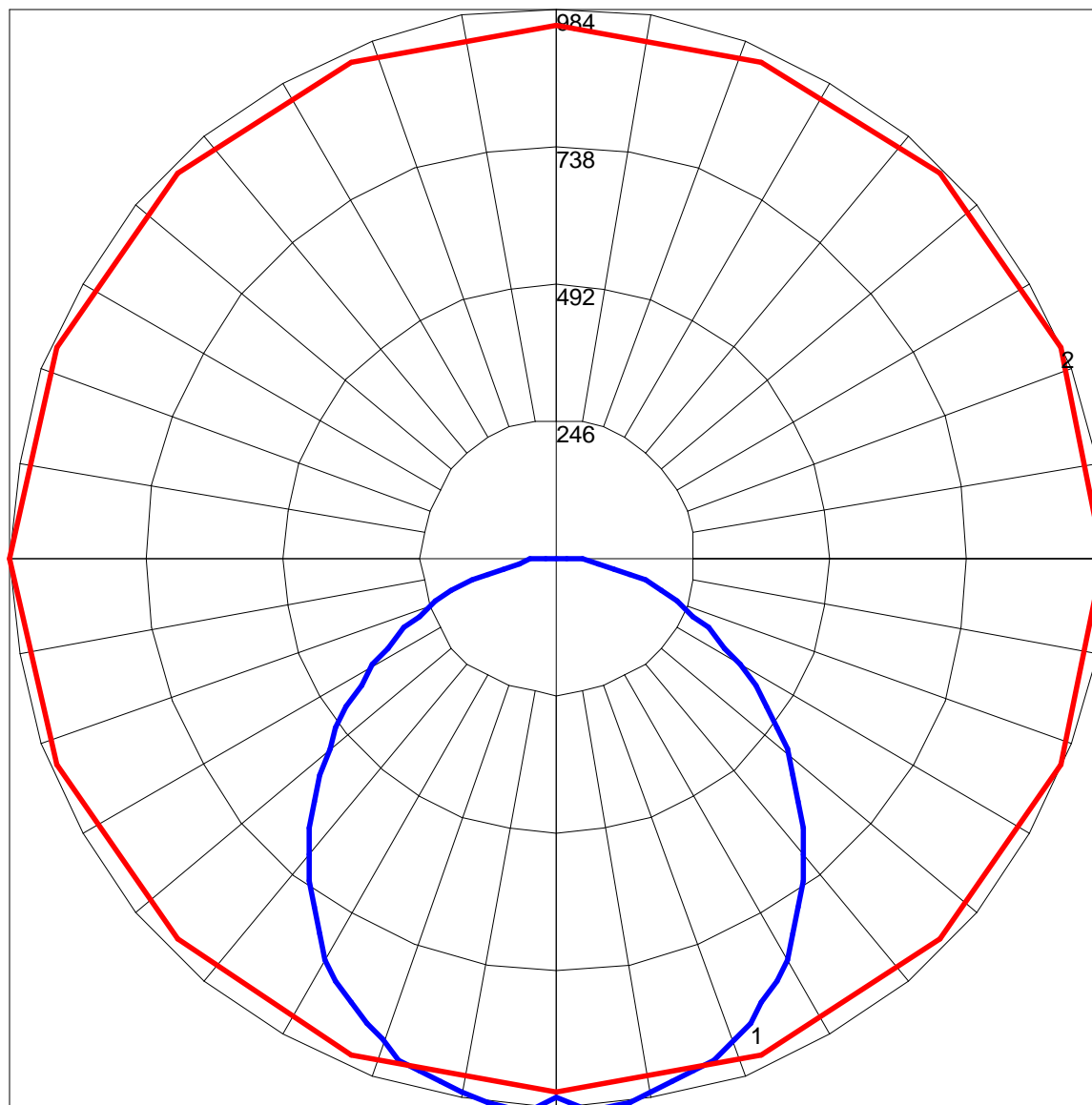
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPEC22-LED-32L-40.IES

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	97	93	105	100	96	92	96	92	89	92	89	86	88	86	83	81
2	97	88	81	74	94	86	79	73	82	77	72	79	74	70	76	72	68	66
3	88	77	68	61	85	75	67	60	72	65	59	69	63	58	67	61	57	55
4	80	67	58	51	78	66	57	51	64	56	50	61	55	49	59	53	48	46
5	74	60	50	43	71	59	50	43	57	49	43	55	48	42	53	47	42	40
6	68	54	44	38	66	53	44	38	51	43	37	49	42	37	48	41	36	34
7	63	49	39	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	23	34	28	23	22

POLAR GRAPH



Maximum Candela = 984 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.)