



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPEC22-SM-LED-SS-WW.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
[TEST]LED-5739A  
[TESTLAB]LSI INDUSTRIES, INC  
[ISSUE DATE]02/26/16  
[TEST DATE]06/24/14  
[MANUFACTURER]LSI INDUSTRIES, INC  
[ABSOLUTE]NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.  
[OTHER]SCALED FROM ORIGINAL TEST DATA  
[OTHER]TEST PROCEDURE: IESNA LM-79-08  
[SEARCH\_SOURCETYPE] LED  
[SEARCH\_APPLICATION] Indoor  
[LUMCAT]LPEC22-SM-LED-SS-WW

**CHARACTERISTICS**

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2880
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	99
Total Luminaire Watts	29.1
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.40
Spacing Criterion (Diagonal)	1.44
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	2083	2455	2800
55	1897	2467	3022
65	1717	2496	3355
75	1498	2600	3916
85	858	2160	2446

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPEC22-SM-LED-SS-WW.IES**

**CANDELA TABULATION**

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
<b>0.0</b>	897.13	897.13	897.13	897.13	897.13
<b>2.5</b>	914.64	908.46	897.13	886.83	882.71
<b>5.0</b>	912.58	906.40	896.10	885.80	882.71
<b>7.5</b>	908.46	902.28	893.01	883.74	881.68
<b>10.0</b>	900.22	895.07	888.89	881.68	879.62
<b>12.5</b>	889.92	886.83	882.71	878.59	876.53
<b>15.0</b>	877.56	874.47	874.47	873.44	873.44
<b>17.5</b>	861.08	860.05	865.20	868.29	869.32
<b>20.0</b>	842.54	843.57	852.84	861.08	863.14
<b>22.5</b>	820.91	825.03	839.45	852.84	855.93
<b>25.0</b>	797.22	804.43	825.03	842.54	848.72
<b>27.5</b>	770.44	781.77	808.55	831.21	840.48
<b>30.0</b>	742.63	757.05	790.01	818.85	830.18
<b>32.5</b>	712.76	729.24	769.41	804.43	817.82
<b>35.0</b>	681.86	700.40	747.78	788.98	804.43
<b>37.5</b>	649.93	671.56	724.09	772.50	790.01
<b>40.0</b>	615.94	640.66	699.37	753.96	772.50
<b>42.5</b>	582.98	607.70	673.62	734.39	754.99
<b>45.0</b>	547.96	574.74	645.81	712.76	736.45
<b>47.5</b>	510.88	540.75	616.97	690.10	714.82
<b>50.0</b>	475.86	507.79	588.13	665.38	693.19
<b>52.5</b>	440.84	472.77	557.23	640.66	669.50
<b>55.0</b>	404.79	438.78	526.33	612.85	644.78
<b>57.5</b>	370.80	404.79	494.40	582.98	619.03
<b>60.0</b>	336.81	368.74	460.41	554.14	591.22
<b>62.5</b>	302.82	334.75	426.42	523.24	560.32
<b>65.0</b>	269.86	300.76	392.43	490.28	527.36
<b>67.5</b>	237.93	265.74	357.41	456.29	494.40
<b>70.0</b>	207.03	232.78	321.36	420.24	459.38
<b>72.5</b>	175.10	200.85	286.34	383.16	420.24
<b>75.0</b>	144.20	169.95	250.29	339.90	376.98
<b>77.5</b>	99.91	139.05	212.18	293.55	329.60
<b>80.0</b>	74.16	92.70	172.01	243.08	269.86
<b>82.5</b>	49.44	64.89	131.84	183.34	192.61
<b>85.0</b>	27.81	38.11	70.04	90.64	79.31
<b>87.5</b>	6.18	10.30	16.48	9.27	3.09
<b>90.0</b>	0.00	0.00	0.00	0.00	0.00

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPEC22-SM-LED-SS-WW.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	332.32	N.A.	11.50
0-30	712.13	N.A.	24.70
0-40	1178.52	N.A.	40.90
0-60	2145.38	N.A.	74.50
0-80	2803.33	N.A.	97.30
0-90	2880.4	N.A.	100.00
10-90	2795.07	N.A.	97.00
20-40	846.20	N.A.	29.40
20-50	1342.99	N.A.	46.60
40-70	1358.16	N.A.	47.20
60-80	657.95	N.A.	22.80
70-80	266.65	N.A.	9.30
80-90	77.07	N.A.	2.70
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	2880.4	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	85.33
10-20	246.99
20-30	379.81
30-40	466.39
40-50	496.79
50-60	470.07
60-70	391.30
70-80	266.65
80-90	77.07
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

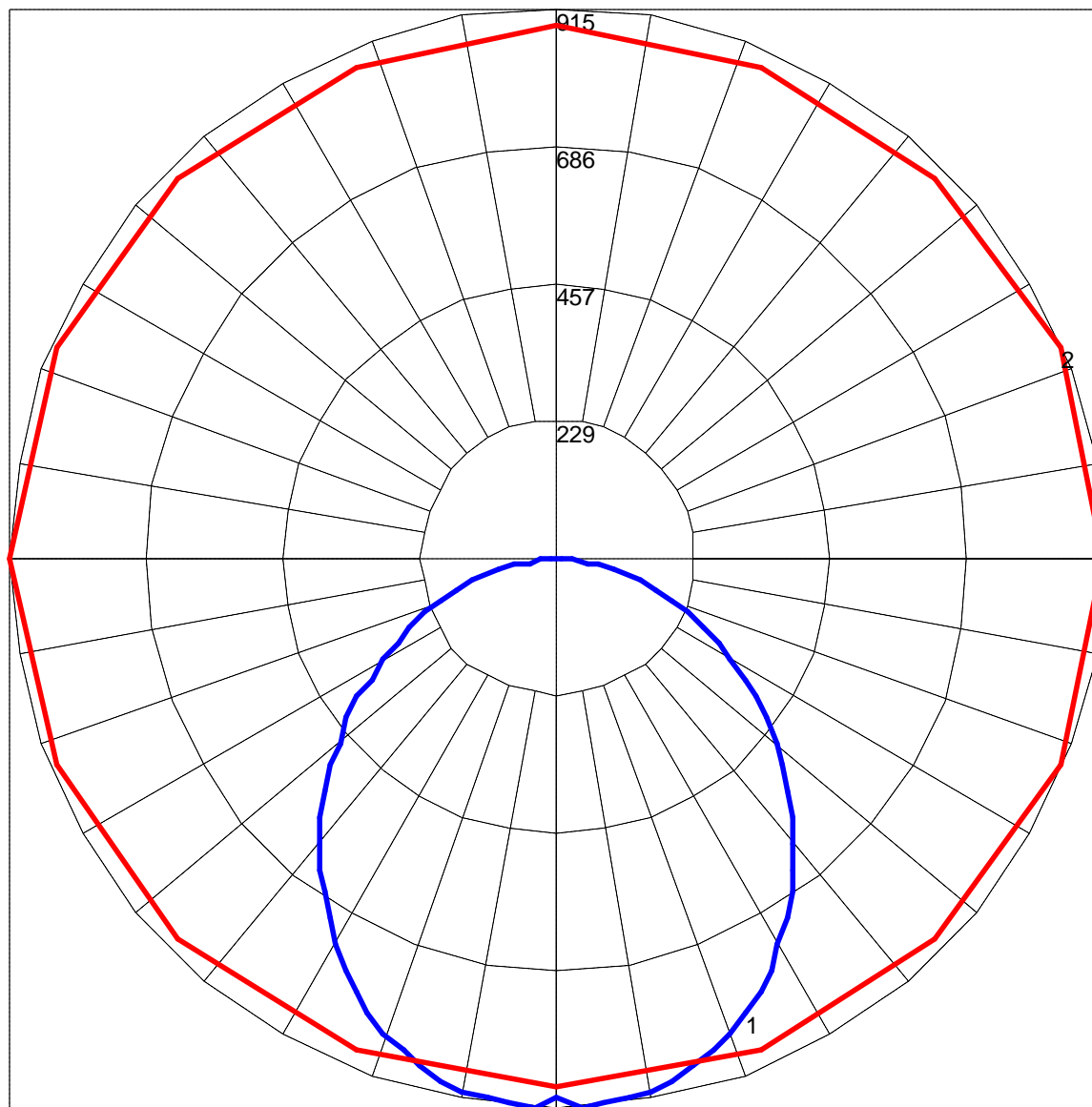
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPEC22-SM-LED-SS-WW.IES**

**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	103	98	94	105	100	96	92	96	93	89	92	89	87	88	86	84	82
2	97	89	81	75	95	87	80	74	83	77	72	80	75	71	77	73	69	67
3	88	77	69	62	86	76	68	61	73	66	60	70	64	59	67	62	58	56
4	81	68	59	52	78	67	58	51	64	57	51	62	55	50	60	54	49	47
5	74	61	51	44	72	59	51	44	57	49	44	55	48	43	53	47	43	40
6	68	54	45	38	66	53	45	38	52	44	38	50	43	38	48	42	37	35
7	63	49	40	34	61	48	40	34	47	39	33	45	38	33	44	38	33	31
8	59	45	36	30	57	44	36	30	43	35	30	41	35	30	40	34	29	27
9	55	41	33	27	53	40	32	27	39	32	27	38	31	27	37	31	26	25
10	51	38	30	24	50	37	30	24	36	29	24	35	29	24	34	28	24	22

POLAR GRAPH



Maximum Candela = 914.64 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.)