



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LAD6SQ-LED-22L-40-FL-TSQ6-HAZ.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]LED-9876_scaled
[TESTLAB]LSI INDUSTRIES, INC
[ISSUE DATE]03/09/18
[TEST DATE]03/09/18
[MANUFACTURER]LSI INDUSTRIES, INC
[LUMEN CATEGORY]LAD6SQ-LED-22L-40-FL-TSQ6-HAZ
[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	2203
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	102
Total Luminaire Watts	21.7
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.76
Spacing Criterion (90-270)	0.76
Spacing Criterion (Diagonal)	0.74
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.50 ft
Luminous Width (90-270)	0.50 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	791	3103	730
55	450	450	375
65	407	509	407
75	665	665	665
85	987	1481	987

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LAD6SQ-LED-22L-40-FL-TSQ6-HAZ.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	3937.039	3937.039	3937.039	3937.039	3937.039
2.5	3923.039	3927.039	3935.039	3943.039	3942.039
5.0	3794.038	3782.038	3768.038	3780.038	3782.038
7.5	3687.037	3618.036	3541.035	3582.036	3623.036
10.0	3591.036	3469.035	3370.034	3452.035	3540.035
12.5	3422.034	3279.033	3229.032	3260.033	3351.034
15.0	3210.032	3043.030	3015.030	3014.030	3134.031
17.5	2923.029	2771.028	2724.027	2737.027	2833.028
20.0	2520.025	2419.024	2398.024	2384.024	2447.025
22.5	2109.021	2028.020	2058.021	1989.020	2058.021
25.0	1670.017	1692.017	1702.017	1683.017	1637.016
27.5	966.010	1275.013	1422.014	1291.013	964.010
30.0	569.006	705.007	1210.012	697.007	578.006
32.5	377.004	420.004	971.010	430.004	395.004
35.0	244.002	274.003	540.005	283.003	257.003
37.5	142.001	170.002	243.002	175.002	151.002
40.0	63.001	94.001	147.001	96.001	67.001
42.5	28.000	42.000	90.001	42.000	26.000
45.0	13.000	20.000	51.001	19.000	12.000
47.5	9.000	10.000	24.000	10.000	9.000
50.0	8.000	8.000	12.000	8.000	7.000
52.5	6.000	7.000	7.000	7.000	6.000
55.0	6.000	6.000	6.000	6.000	5.000
57.5	5.000	5.000	6.000	6.000	5.000
60.0	5.000	5.000	6.000	5.000	5.000
62.5	4.000	5.000	5.000	5.000	4.000
65.0	4.000	5.000	5.000	5.000	4.000
67.5	4.000	5.000	5.000	5.000	5.000
70.0	5.000	5.000	4.000	5.000	5.000
72.5	6.000	5.000	4.000	5.000	5.000
75.0	4.000	4.000	4.000	4.000	4.000
77.5	3.000	4.000	4.000	4.000	3.000
80.0	2.000	3.000	4.000	3.000	2.000
82.5	2.000	3.000	3.000	3.000	2.000
85.0	2.000	3.000	3.000	3.000	2.000
87.5	2.000	4.000	4.000	3.000	2.000
90.0	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LAD6SQ-LED-22L-40-FL-TSQ6-HAZ.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1190.49	N.A.	54.00
0-30	1928.79	N.A.	87.50
0-40	2158.89	N.A.	98.00
0-60	2191.46	N.A.	99.50
0-80	2200.62	N.A.	99.90
0-90	2203.41	N.A.	100.00
10-90	1853.35	N.A.	84.10
20-40	968.40	N.A.	43.90
20-50	995.34	N.A.	45.20
40-70	37.37	N.A.	1.70
60-80	9.16	N.A.	0.40
70-80	4.36	N.A.	0.20
80-90	2.79	N.A.	0.10
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	2203.41	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	350.07
10-20	840.43
20-30	738.30
30-40	230.09
40-50	26.94
50-60	5.62
60-70	4.81
70-80	4.36
80-90	2.79
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

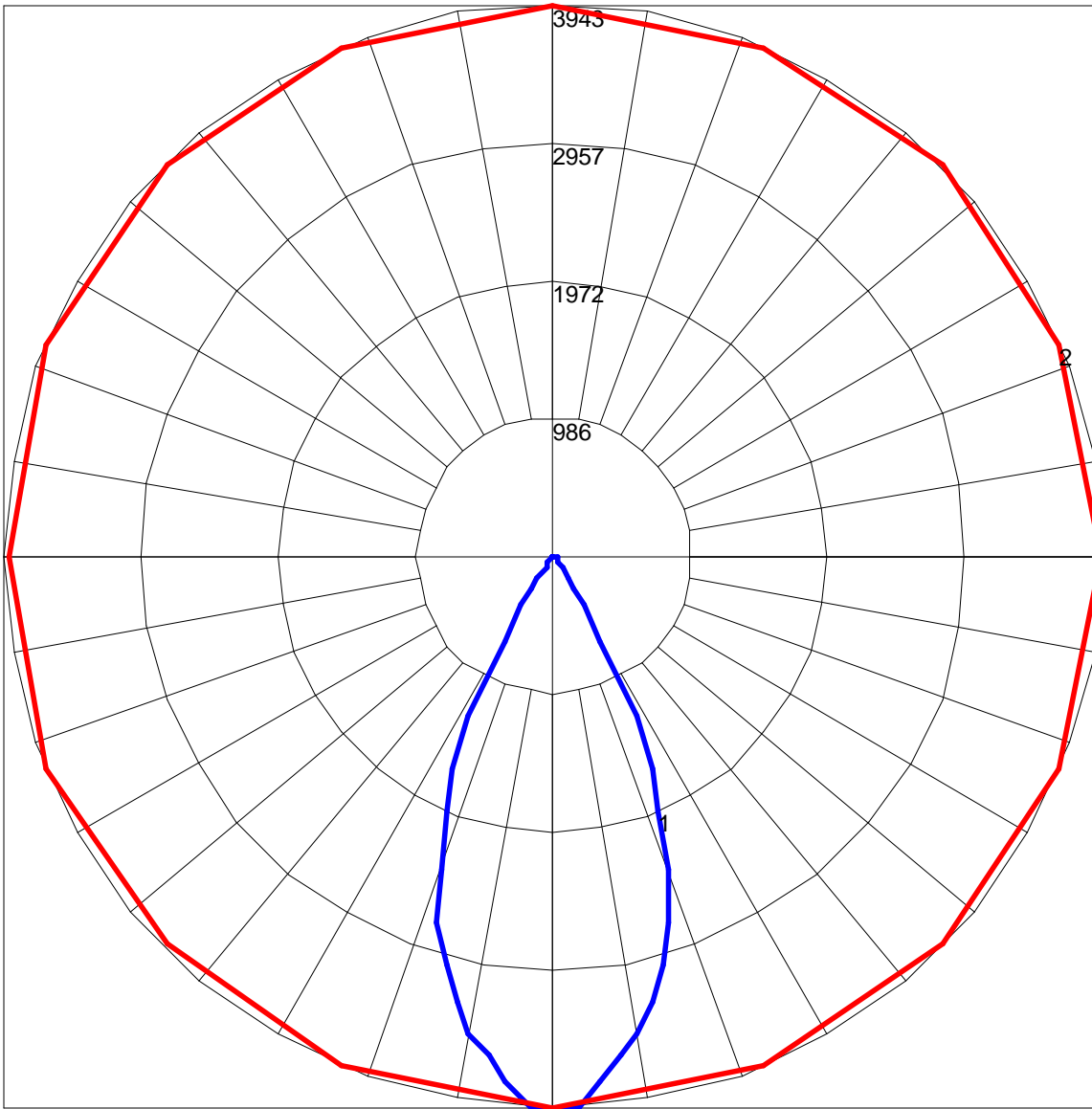
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LAD6SQ-LED-22L-40-FL-TSQ6-HAZ.IES

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	114	112	109	107	112	109	107	106	105	104	102	102	101	99	98	97	97	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	85
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	81
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	76
6	92	85	79	76	91	84	79	75	82	78	75	81	77	74	80	76	74	73
7	89	80	75	72	87	80	75	71	79	74	71	77	74	71	76	73	70	69
8	85	77	72	68	84	76	71	68	75	71	68	74	70	67	73	70	67	66
9	82	73	68	65	81	73	68	65	72	67	64	71	67	64	70	67	64	63
10	79	70	65	62	78	70	65	62	69	64	61	68	64	61	68	64	61	60

POLAR GRAPH



Maximum Candela = 3943.039 Located At Horizontal Angle = 67.5, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (67.5 - 247.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)