



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LAD6SQ-LED-36L-35-SP-TSQ6-HAZ.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]LED-9874_scaled
[TESTLAB]LSI INDUSTRIES, INC
[ISSUE DATE]03/09/18
[TEST DATE]03/09/18
[MANUFACTURER]LSI INDUSTRIES, INC
[LUMEN CATEGORY]LAD6SQ-LED-36L-35-SP-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_SOURCETYPE] LED
[SEARCH_APPLICATION] Indoor

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3769
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	90
Total Luminaire Watts	42
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.34
Spacing Criterion (90-270)	0.34
Spacing Criterion (Diagonal)	0.36
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	1104	1807	1004
55	619	743	619
65	672	672	672
75	823	1097	823
85	1629	2444	1629

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LAD6SQ-LED-36L-35-SP-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	19755.835	19755.835	19755.835	19755.835	19755.835
2.5	19569.366	19590.818	19584.217	19554.514	19561.115
5.0	16830.084	16841.635	16752.526	16709.621	16757.476
7.5	12960.435	12755.814	12539.642	12618.850	12773.966
10.0	9407.619	9132.041	8886.165	9029.730	9270.655
12.5	6678.238	6282.197	6297.049	6339.953	6592.429
15.0	4861.401	4554.469	4564.370	4585.822	4868.001
17.5	3765.688	3503.311	3435.654	3541.265	3800.341
20.0	3006.610	2806.939	2795.388	2834.992	3023.111
22.5	2455.453	2270.634	2354.793	2272.284	2448.852
25.0	1871.293	1932.349	1973.603	1927.399	1872.943
27.5	899.343	1438.948	1686.474	1420.796	892.742
30.0	376.239	605.612	1485.153	579.210	359.737
32.5	193.070	272.278	1193.073	264.027	181.519
35.0	108.911	143.565	567.658	138.614	102.311
37.5	69.307	80.858	155.116	77.558	66.007
40.0	46.205	49.505	72.607	49.505	42.904
42.5	28.053	33.003	42.904	33.003	28.053
45.0	18.152	21.452	29.703	21.452	16.502
47.5	13.201	13.201	19.802	13.201	13.201
50.0	11.551	11.551	14.852	11.551	9.901
52.5	8.251	9.901	9.901	9.901	8.251
55.0	8.251	8.251	9.901	8.251	8.251
57.5	6.601	8.251	8.251	8.251	6.601
60.0	6.601	8.251	8.251	8.251	6.601
62.5	6.601	6.601	6.601	6.601	6.601
65.0	6.601	6.601	6.601	6.601	6.601
67.5	6.601	6.601	6.601	6.601	6.601
70.0	6.601	6.601	6.601	6.601	6.601
72.5	8.251	6.601	6.601	6.601	8.251
75.0	4.951	6.601	6.601	6.601	4.951
77.5	3.300	4.951	4.951	4.951	3.300
80.0	3.300	4.951	4.951	4.951	3.300
82.5	3.300	4.951	4.951	4.951	3.300
85.0	3.300	4.951	4.951	4.951	3.300
87.5	3.300	4.951	4.951	3.300	3.300
90.0	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LAD6SQ-LED-36L-35-SP-TSQ6-HAZ.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2709.12	N.A.	71.90
0-30	3541.89	N.A.	94.00
0-40	3724.54	N.A.	98.80
0-60	3752.41	N.A.	99.50
0-80	3765.27	N.A.	99.90
0-90	3769.48	N.A.	100.00
10-90	2431.9	N.A.	64.50
20-40	1015.42	N.A.	26.90
20-50	1035.25	N.A.	27.50
40-70	34.58	N.A.	0.90
60-80	12.85	N.A.	0.30
70-80	6.15	N.A.	0.20
80-90	4.22	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	3769.48	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	1337.59
10-20	1371.54
20-30	832.76
30-40	182.65
40-50	19.84
50-60	8.04
60-70	6.70
70-80	6.15
80-90	4.22
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

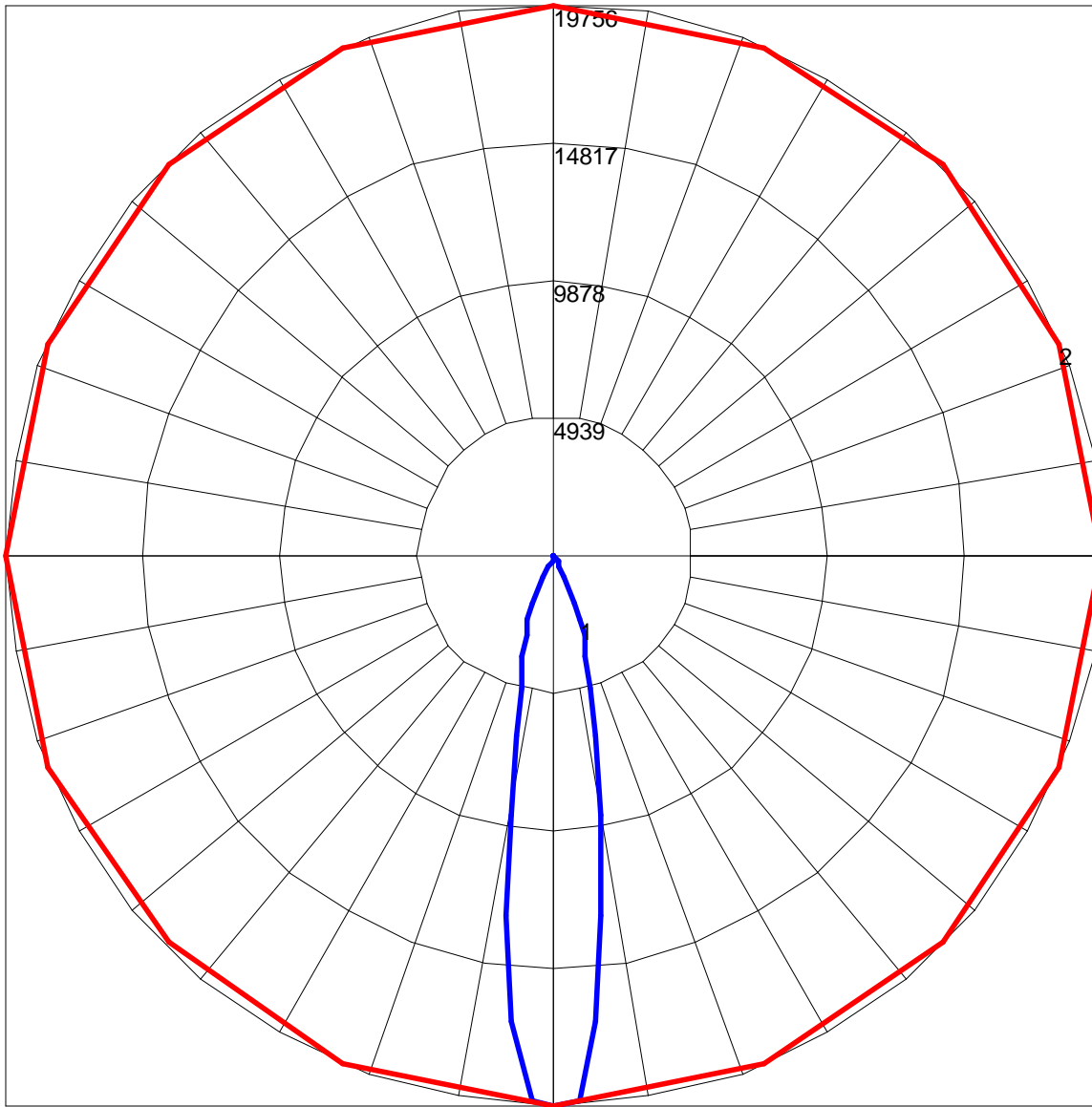
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LAD6SQ-LED-36L-35-SP-TSQ6-HAZ.IES

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	115	113	111	109	112	111	109	107	107	105	104	103	102	101	100	99	98	96
2	111	107	104	101	109	106	103	100	102	100	98	100	98	96	97	95	94	93
3	107	102	99	96	105	101	98	95	99	96	93	96	94	92	94	92	91	89
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	86
5	100	94	90	87	99	94	90	87	92	89	86	90	88	85	89	87	85	83
6	97	91	87	84	96	90	86	83	89	85	83	88	85	82	87	84	82	81
7	95	88	84	81	93	87	83	80	86	83	80	85	82	80	84	81	79	78
8	92	85	81	78	91	85	80	78	84	80	77	83	79	77	82	79	77	76
9	89	82	78	75	88	82	78	75	81	78	75	80	77	75	80	77	75	74
10	87	80	76	73	86	80	76	73	79	75	73	78	75	73	78	75	72	72

POLAR GRAPH



Maximum Candela = 19755.835 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)