



IES INDOOR REPORT
PHOTOMETRIC FILENAME : SLE-9-05L-840-T-120V-BLK.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LED-12579
[TESTLAB] LSI INDUSTRIES, INC.
[ISSUEDATE] 07/22/21
[TESTDATE] 03/09/21
[MANUFAC] LSI INDUSTRIES, INC.
[LUMCAT] SLE-9-05L-840-T-120V-BLK
[OTHER] TEST PROCEDURE: IESNA LM-79-08
[ABSOLUTE] NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED
[OTHER] SCALED FROM ORIGINAL TEST DATA
[SEARCH_SOURCETYPE] LED
[SEARCH_APPLICATION] Indoor
[SEARCH_COLORTEMP] 4000

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	511
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	95
Total Luminaire Watts	5.38
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.34
Spacing Criterion (90-270)	1.34
Spacing Criterion (Diagonal)	1.44
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.65 ft
Luminous Width (90-270)	0.65 ft
Luminous Height	0.00 ft



LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4346	4343	4354
55	4279	4275	4266
65	4106	4094	4106
75	3696	3696	3676
85	2810	2840	2988

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CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	162.5	162.5	162.5	162.5	162.5
2.5	162.9	162.8	162.7	162.7	162.9
5.0	162.7	162.7	162.6	162.8	162.9
7.5	162.5	162.4	162.5	162.5	162.6
10.0	162.0	162.0	161.9	162.0	162.0
12.5	161.2	161.2	161.1	161.2	161.3
15.0	160.3	160.0	159.9	160.1	160.3
17.5	158.4	158.6	158.5	158.7	158.8
20.0	156.7	156.5	156.5	156.6	156.7
22.5	154.7	154.7	154.5	154.8	154.7
25.0	152.7	152.5	152.4	152.6	152.6
27.5	150.0	150.0	149.7	149.8	149.7
30.0	146.8	146.8	146.7	146.6	146.8
32.5	143.3	143.1	143.0	142.9	143.0
35.0	139.2	139.1	138.8	138.8	138.9
37.5	134.7	134.5	134.2	134.2	134.4
40.0	129.8	129.7	129.5	129.5	129.6
42.5	124.8	124.5	124.4	124.5	124.7
45.0	119.2	119.0	119.1	119.2	119.4
47.5	113.6	113.4	113.5	113.4	113.7
50.0	107.7	107.6	107.5	107.6	107.9
52.5	101.5	101.5	101.5	101.5	101.2
55.0	95.2	95.2	95.1	94.8	94.9
57.5	88.6	88.5	88.3	88.1	88.2
60.0	81.8	81.6	81.4	81.3	81.4
62.5	74.4	74.4	74.3	74.3	74.4
65.0	67.3	67.0	67.1	67.1	67.3
67.5	59.6	59.5	59.7	59.7	59.9
70.0	52.0	52.0	52.0	52.2	52.1
72.5	44.5	44.5	44.5	44.6	44.3
75.0	37.1	37.1	37.1	36.8	36.9
77.5	29.7	29.5	29.6	29.5	29.7
80.0	22.6	22.5	22.4	22.6	22.7
82.5	15.7	15.6	15.8	16.0	16.1
85.0	9.5	9.4	9.6	9.7	10.1
87.5	4.3	4.2	4.2	4.4	4.5
90.0	0.0	0.0	0.0	0.0	0.0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	60.73	N.A.	11.90
0-30	131.03	N.A.	25.60
0-40	217.90	N.A.	42.60
0-60	394.65	N.A.	77.20
0-80	500.08	N.A.	97.80
0-90	511.24	N.A.	100.00
10-90	495.73	N.A.	97.00
20-40	157.18	N.A.	30.70
20-50	249.06	N.A.	48.70
40-70	243.05	N.A.	47.50
60-80	105.42	N.A.	20.60
70-80	39.13	N.A.	7.70
80-90	11.16	N.A.	2.20
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	511.24	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	15.51
10-20	45.22
20-30	70.30
30-40	86.87
40-50	91.89
50-60	84.87
60-70	66.30
70-80	39.13
80-90	11.16
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

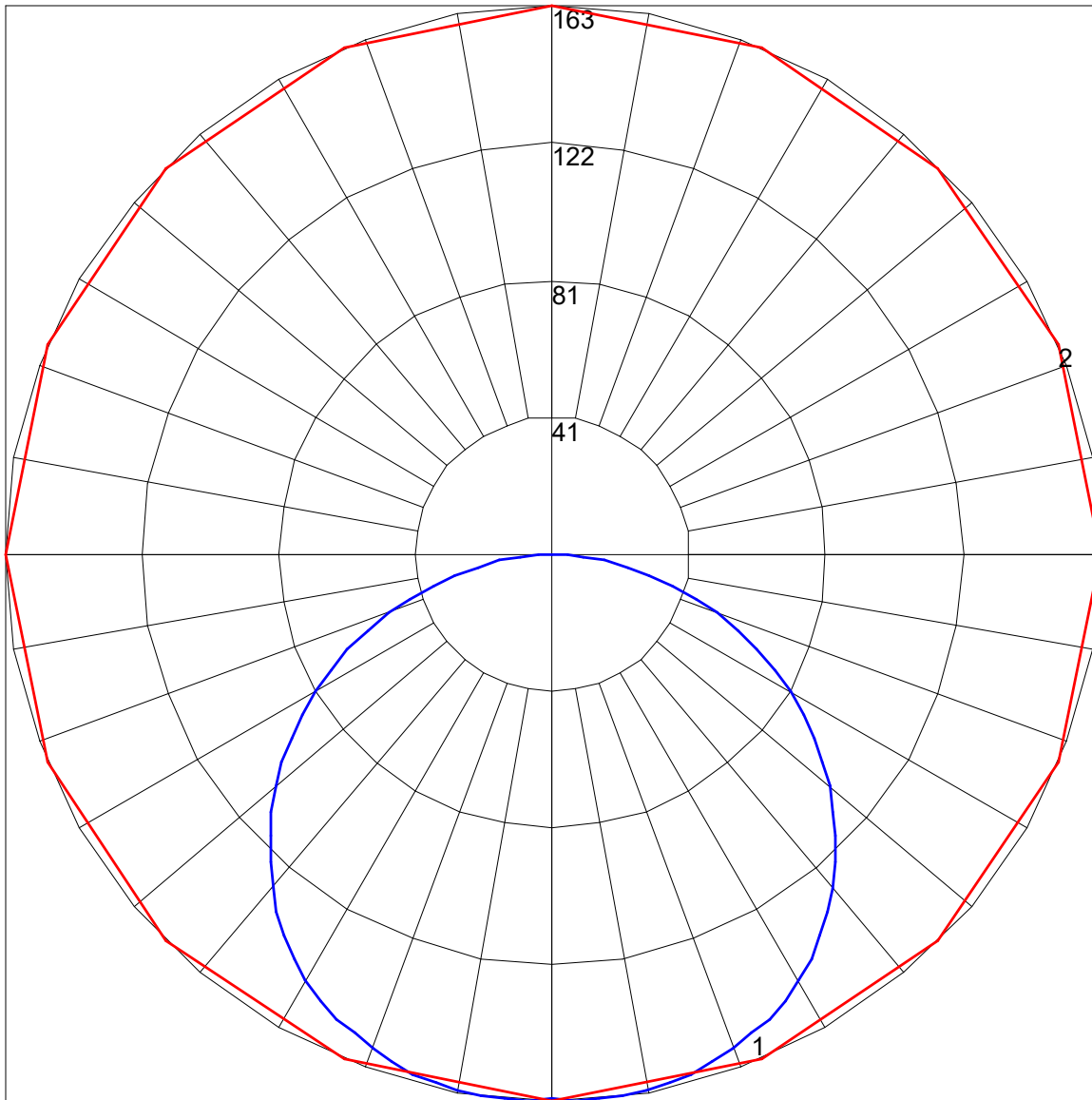
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	99	95	106	101	97	93	97	94	90	93	90	88	89	87	85	83
2	98	90	83	77	96	88	81	76	84	79	74	81	76	72	78	74	71	68
3	89	78	70	63	87	77	69	63	74	67	62	71	65	61	68	64	59	57
4	82	69	60	53	79	68	59	53	65	58	52	63	57	51	61	55	51	49
5	75	62	53	46	73	61	52	45	58	51	45	56	50	44	55	49	44	42
6	69	55	46	40	67	54	46	40	53	45	39	51	44	39	49	43	38	36
7	64	50	41	35	62	49	41	35	48	40	35	46	39	34	45	39	34	32
8	59	46	37	31	58	45	37	31	44	36	31	42	36	31	41	35	30	28
9	56	42	33	28	54	41	33	28	40	33	28	39	32	27	38	32	27	25
10	52	39	31	25	51	38	30	25	37	30	25	36	30	25	35	29	25	23

POLAR GRAPH



Maximum Candela = 162.9 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.)