



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SLE-12-08L-840-T-120V-BLK.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LED-12581
[TESTLAB] LSI INDUSTRIES, INC.
[ISSUE DATE] 07/22/21
[TEST DATE] 03/09/21
[MANUFAC] LSI INDUSTRIES, INC.
[LUMCAT] SLE-12-08L-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	848
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	108
Total Luminaire Watts	7.84
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.34
Spacing Criterion (90-270)	1.34
Spacing Criterion (Diagonal)	1.46
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.90 ft
Luminous Width (90-270)	0.90 ft
Luminous Height	0.00 ft



LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	3733	3733	3733
55	3691	3691	3668
65	3520	3551	3551
75	3210	3210	3210
85	2460	2614	2614

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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	268	268	268	268	268
2.5	268	269	269	269	268
5.0	268	269	269	269	268
7.5	268	268	269	268	268
10.0	267	267	268	267	267
12.5	266	266	266	266	266
15.0	264	264	265	264	264
17.5	262	262	262	262	262
20.0	259	259	259	259	259
22.5	256	256	256	256	256
25.0	252	252	252	252	251
27.5	247	248	248	247	247
30.0	242	242	243	242	242
32.5	236	236	236	236	236
35.0	230	230	230	229	229
37.5	222	222	222	222	222
40.0	214	214	214	214	214
42.5	206	206	206	206	206
45.0	197	197	197	197	197
47.5	188	188	188	188	188
50.0	178	178	178	178	178
52.5	168	168	168	168	168
55.0	158	158	158	157	157
57.5	147	147	147	147	146
60.0	136	136	136	135	135
62.5	124	124	124	124	124
65.0	111	111	112	112	112
67.5	99	99	99	100	100
70.0	87	87	87	87	87
72.5	74	74	74	75	74
75.0	62	62	62	62	62
77.5	50	50	50	50	50
80.0	37	38	38	38	38
82.5	27	26	27	27	28
85.0	16	16	17	17	17
87.5	7	7	8	8	8
90.0	0	0	0	0	0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	100.28	N.A.	11.80
0-30	216.46	N.A.	25.50
0-40	359.93	N.A.	42.50
0-60	652.71	N.A.	77.00
0-80	828.74	N.A.	97.80
0-90	847.80	N.A.	100.00
10-90	822.20	N.A.	97.00
20-40	259.66	N.A.	30.60
20-50	411.65	N.A.	48.60
40-70	403.22	N.A.	47.60
60-80	176.03	N.A.	20.80
70-80	65.58	N.A.	7.70
80-90	19.06	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	847.80	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	25.60
10-20	74.67
20-30	116.18
30-40	143.47
40-50	151.99
50-60	140.79
60-70	110.45
70-80	65.58
80-90	19.06
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

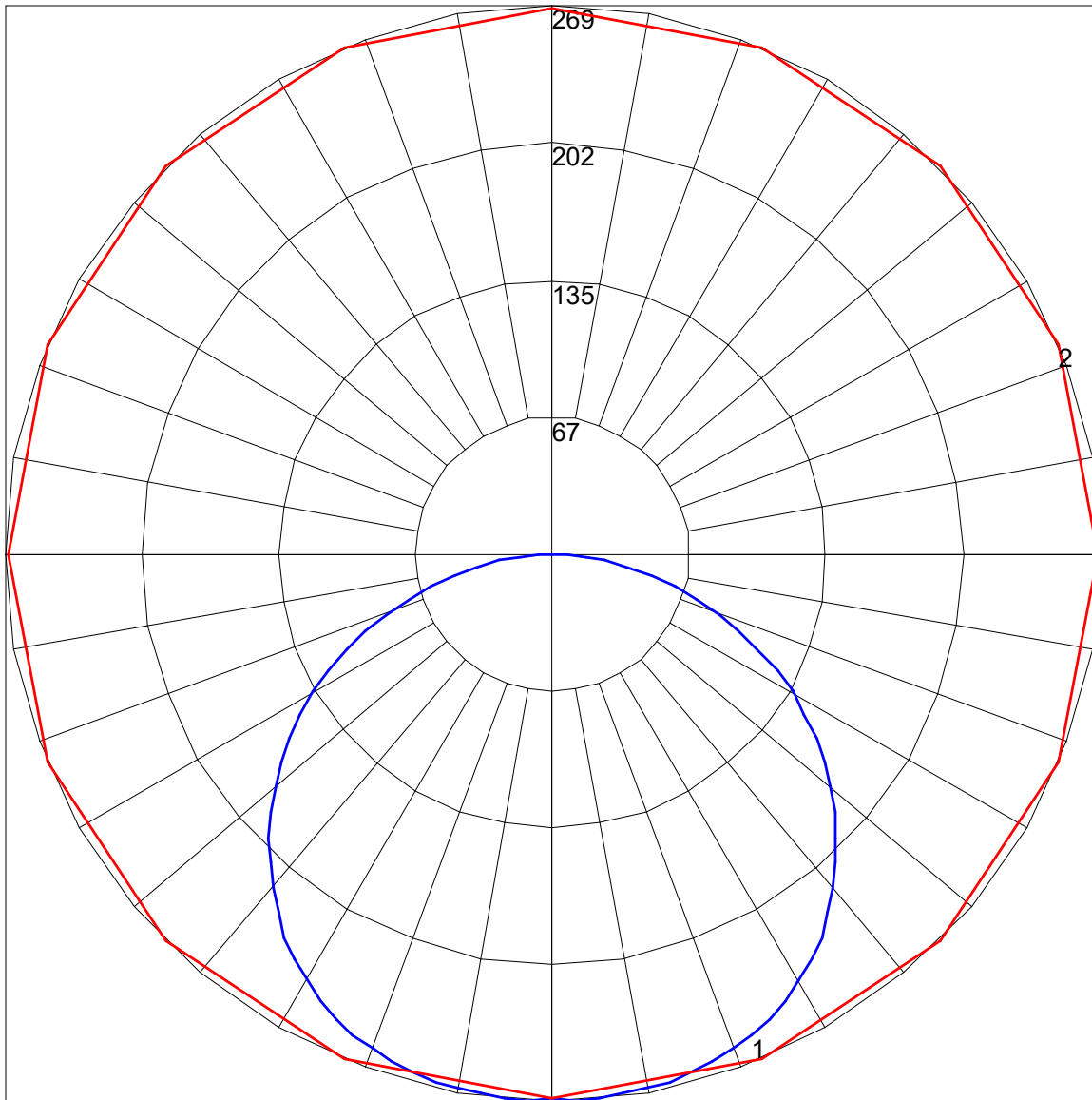
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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

POLAR GRAPH



Maximum Candela = 269 Located At Horizontal Angle = 22.5, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (22.5 - 202.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)