



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LE101-79-5-V1-S-SM-PD.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST]514150
 [TESTLAB]UL Verification Services
 [ISSUE DATE] 3/ 5/2014
 [MANUFAC]LDPI Inc
 [LUMCAT]LE101-79-5-V1-S-SM-PD
 [LUMINAIRE]N/A
 [LAMP]N/A
 [LAMP CAT]N/A. LUMINAIRE OUTPUT = 6374 LMS
 [OTHER]120.0V 0.6192A 73.39W PF=0.988

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6382
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	87
Total Luminaire Watts	73.4
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.26
Spacing Criterion (90-270)	1.24
Spacing Criterion (Diagonal)	1.36
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.92 ft
Luminous Width (90-270)	0.67 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	8859	8628	8532
55	8431	8180	8037
65	7786	7510	7324
75	6516	6247	6024
85	3392	3260	3082

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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	2327.5	2327.5	2327.5	2327.5	2327.5
2.5	2340.9	2323.1	2316.3	2320.4	2323.0
5.0	2333.4	2314.9	2307.9	2312.4	2315.0
7.5	2320.3	2301.4	2294.0	2297.9	2301.1
10.0	2301.4	2282.7	2275.5	2278.8	2281.8
12.5	2277.3	2258.9	2252.4	2255.6	2257.2
15.0	2248.6	2229.6	2223.2	2226.0	2227.0
17.5	2213.5	2195.1	2188.5	2190.5	2191.2
20.0	2172.4	2155.2	2147.6	2148.4	2148.8
22.5	2127.2	2110.2	2100.8	2100.4	2100.4
25.0	2078.1	2060.2	2049.8	2047.8	2047.3
27.5	2025.9	2005.7	1994.3	1991.7	1990.1
30.0	1968.4	1946.9	1934.7	1930.6	1929.2
32.5	1903.8	1884.2	1870.4	1865.2	1863.8
35.0	1833.3	1815.7	1801.8	1796.0	1793.7
37.5	1759.3	1743.4	1728.7	1721.9	1718.7
40.0	1684.2	1668.2	1651.6	1642.5	1638.8
42.5	1608.2	1590.4	1571.2	1560.6	1556.2
45.0	1530.0	1509.3	1490.1	1478.8	1473.5
47.5	1447.2	1426.1	1407.3	1395.6	1390.6
50.0	1359.8	1341.1	1322.3	1309.2	1304.6
52.5	1270.6	1254.3	1235.2	1220.7	1216.1
55.0	1181.1	1165.7	1145.9	1131.2	1125.8
57.5	1091.1	1074.4	1055.4	1040.6	1034.6
60.0	998.5	982.0	963.7	948.1	942.7
62.5	902.2	888.5	869.8	854.2	849.7
65.0	803.6	793.1	775.2	759.8	756.0
67.5	706.2	696.5	679.8	664.8	661.0
70.0	608.7	598.5	583.7	570.5	566.8
72.5	510.8	501.1	488.4	475.9	473.2
75.0	411.9	405.3	394.9	382.8	380.8
77.5	315.1	311.2	304.4	292.5	291.3
80.0	225.1	221.4	217.0	207.6	206.5
82.5	143.1	139.9	137.2	130.6	130.2
85.0	72.2	70.4	69.4	65.5	65.6
87.5	20.1	20.0	20.2	18.4	18.6
90.0	0.0	0.0	0.0	0.0	0.5

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	848.73	N.A.	13.30
0-30	1795.64	N.A.	28.10
0-40	2925.11	N.A.	45.80
0-60	5105.13	N.A.	80.00
0-80	6291.83	N.A.	98.60
0-90	6382.06	N.A.	100.00
10-90	6162.13	N.A.	96.60
20-40	2076.39	N.A.	32.50
20-50	3229.57	N.A.	50.60
40-70	2948.35	N.A.	46.20
60-80	1186.69	N.A.	18.60
70-80	418.37	N.A.	6.60
80-90	90.23	N.A.	1.40
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	6382.06	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	219.92
10-20	628.81
20-30	946.91
30-40	1129.47
40-50	1153.18
50-60	1026.84
60-70	768.33
70-80	418.37
80-90	90.23
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

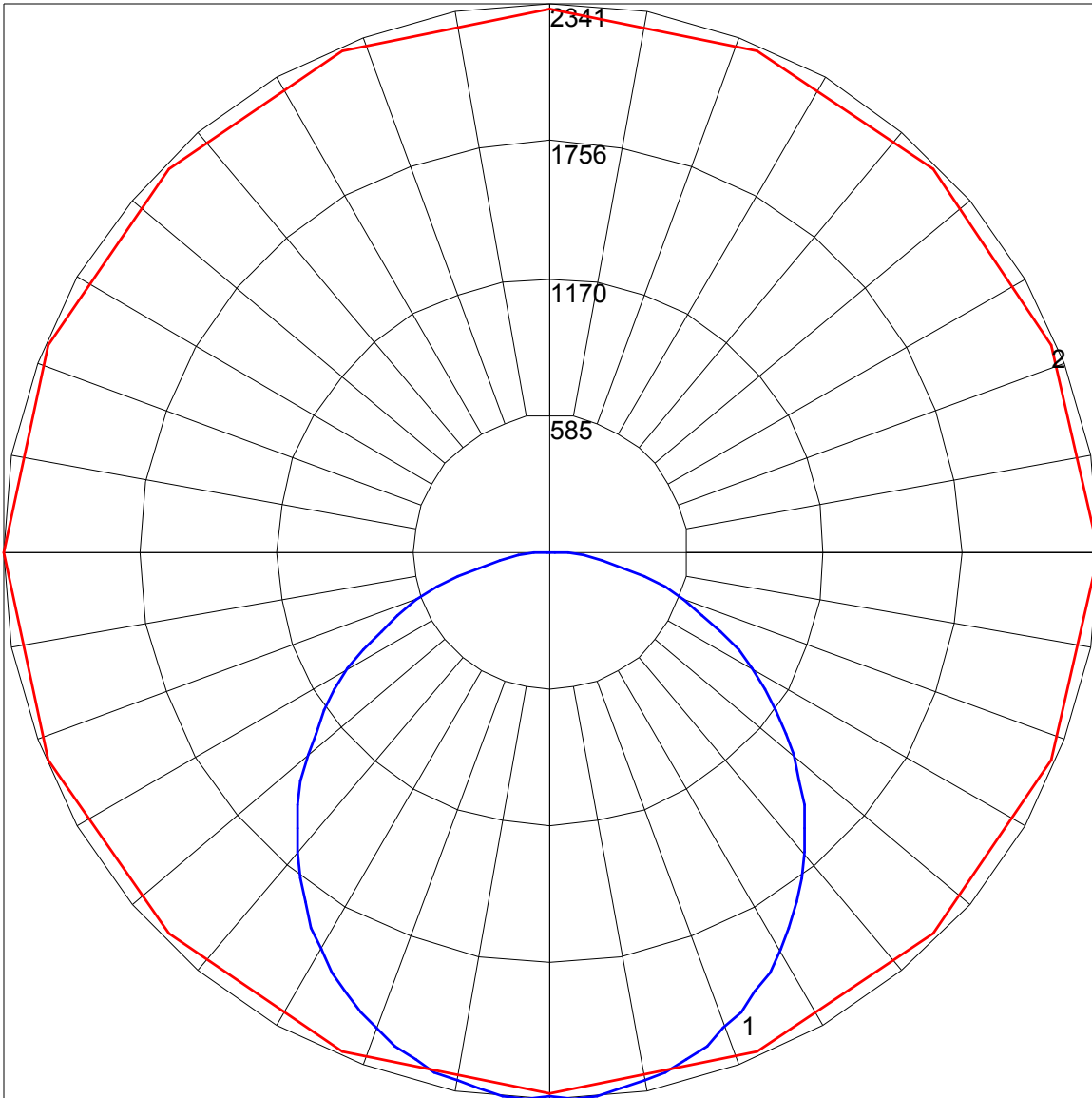
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84	
2	99	91	84	79	97	89	83	78	86	80	76	82	78	74	79	76	72	70	
3	90	80	72	65	88	78	71	65	75	69	64	73	67	63	70	66	62	59	
4	83	71	62	56	81	70	61	55	67	60	54	65	59	54	63	57	53	51	
5	76	63	54	48	74	62	54	48	60	53	47	58	52	47	56	51	46	44	
6	70	57	48	42	68	56	48	42	54	47	41	53	46	41	51	45	40	38	
7	65	52	43	37	64	51	43	37	49	42	37	48	41	36	47	41	36	34	
8	61	47	39	33	59	47	38	33	45	38	33	44	37	32	43	37	32	30	
9	57	43	35	30	55	43	35	30	42	34	29	41	34	29	40	34	29	27	
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	26	25	

POLAR GRAPH



Maximum Candela = 2340.9 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.)