

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6R-5030-00-UNVE10-35-LG.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 1003
 [UL TEST] 11870572.03
 [ECN] 3056
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 7/21/2017 Revised 12/8/2017 Rev. B
 [MANUFAC] Tempo LLC
 [LUMCAT] C6R-5030-00-UNVE10-35-LG
 [LUMINAIRE] Light gray aluminum housing with lightly frosted lens
 [LAMP] Six (6) white LEDs (3500K) with 50 deg x 30 deg round optics
 [ELECTRICALS] 120.05 VAC, 0.0824 A, 0.9946 PF, 8.26% ATHD

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	666
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	68
Total Luminaire Watts	9.84325
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.68
Spacing Criterion (90-270)	0.48
Spacing Criterion (Diagonal)	0.58
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.17 ft
Luminous Width (90-270)	1.00 ft
Luminous Height	0.06 ft



LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6123	3056	2502
55	2430	1624	1669
65	1019	950	1275
75	548	564	886
85	278	276	215

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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	1408.0	1408.0	1408.0	1408.0	1408.0
0.5	1416.0	1412.0	1401.0	1407.0	1402.0
1.0	1415.0	1410.0	1400.0	1402.0	1395.0
1.5	1410.0	1408.0	1396.0	1397.0	1391.0
2.0	1408.0	1404.0	1388.0	1390.0	1383.0
2.5	1403.0	1397.0	1381.0	1378.0	1369.0
3.0	1398.0	1388.0	1370.0	1366.0	1355.0
3.5	1389.0	1381.0	1359.0	1349.0	1339.0
4.0	1380.0	1373.0	1346.0	1333.0	1320.0
4.5	1370.0	1361.0	1330.0	1314.0	1296.0
5.0	1361.0	1349.0	1315.0	1291.0	1274.0
5.5	1351.0	1335.0	1297.0	1270.0	1249.0
6.0	1340.0	1322.0	1278.0	1245.0	1223.0
6.5	1327.0	1307.0	1256.0	1219.0	1195.0
7.0	1312.0	1290.0	1235.0	1191.0	1165.0
7.5	1299.0	1273.0	1211.0	1161.0	1135.0
8.0	1284.0	1254.0	1186.0	1132.0	1102.0
8.5	1268.0	1235.0	1162.0	1100.0	1070.0
9.0	1250.0	1216.0	1135.0	1069.0	1036.0
9.5	1233.0	1196.0	1108.0	1037.0	1001.0
10.0	1213.0	1176.0	1081.0	1004.0	967.0
10.5	1195.0	1152.0	1053.0	972.1	931.9
11.0	1175.0	1129.0	1025.0	937.5	898.1
11.5	1155.0	1105.0	994.7	906.1	862.6
12.0	1133.0	1083.0	965.6	873.3	830.7
12.5	1114.0	1058.0	937.4	840.4	796.6
13.0	1091.0	1033.0	906.4	807.1	762.6
13.5	1066.0	1010.0	880.0	774.1	729.4
14.0	1043.0	983.8	848.8	741.7	696.3
14.5	1023.0	959.6	819.6	709.3	664.7
15.0	996.3	933.5	790.6	678.7	632.1
15.5	973.4	907.0	761.6	647.9	602.3
16.0	945.6	882.4	732.6	618.1	571.9
16.5	924.7	856.6	704.2	589.7	543.9
17.0	900.6	831.4	676.8	561.8	515.9
17.5	878.4	805.4	649.2	535.0	489.9
18.0	854.1	780.9	622.5	508.2	464.3
18.5	831.0	755.7	596.9	482.7	440.2
19.0	806.8	730.4	570.9	458.5	416.5
19.5	783.0	706.1	546.4	434.8	394.3
20.0	759.9	681.3	523.2	412.6	373.1
20.5	736.3	657.3	499.9	391.5	352.9
21.0	714.1	634.0	477.0	370.7	333.6
21.5	691.0	610.6	455.0	351.3	314.7
22.0	669.0	588.2	434.3	332.4	297.1
22.5	647.8	565.7	413.9	314.4	280.5
23.0	625.8	544.2	394.3	297.5	264.7
23.5	605.2	523.3	375.8	281.2	249.7
24.0	584.5	502.6	357.6	265.9	235.3
24.5	564.6	482.3	340.2	251.0	221.5
25.0	544.8	462.7	323.4	237.0	208.7
25.5	524.0	443.7	307.7	223.6	196.2
26.0	505.5	425.2	292.6	210.8	184.7
26.5	486.5	407.5	277.9	198.8	173.6

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CANDELA TABULATION - (Cont.)

27.0	467.6	390.1	264.4	187.3	163.5
27.5	450.3	373.1	250.8	176.8	153.8
28.0	431.9	357.3	238.3	166.5	144.5
28.5	414.9	341.2	226.3	157.0	135.7
29.0	398.7	326.4	214.8	148.0	127.5
29.5	382.5	312.0	203.7	139.4	120.2
30.0	366.6	298.1	193.6	131.2	113.0
30.5	351.2	285.2	183.6	123.9	106.4
31.0	336.6	271.8	174.4	116.8	100.2
31.5	322.8	259.4	165.5	110.3	94.4
32.0	308.5	247.7	157.2	104.2	89.0
32.5	295.3	236.6	149.4	98.2	84.2
33.0	282.0	225.5	141.9	93.0	79.6
33.5	270.4	215.1	134.6	87.9	75.3
34.0	258.5	205.3	127.9	83.2	71.3
34.5	247.0	195.8	121.5	78.7	67.6
35.0	236.2	186.7	115.3	74.6	64.0
35.5	225.7	178.1	109.7	70.7	60.8
36.0	216.2	169.9	104.2	67.1	57.9
36.5	206.3	162.2	99.0	63.8	55.2
37.0	197.2	154.6	94.3	60.6	52.8
37.5	188.2	147.6	89.6	57.7	50.4
38.0	179.6	140.6	85.2	54.9	48.3
38.5	171.7	134.0	81.1	52.4	46.3
39.0	163.6	127.8	77.2	50.0	44.4
39.5	156.5	121.8	73.5	47.8	42.6
40.0	149.2	116.2	70.0	45.8	41.0
40.5	142.6	110.6	66.6	43.8	39.5
41.0	135.5	105.5	63.5	42.0	38.1
41.5	129.5	100.7	60.6	40.4	36.8
42.0	123.4	95.9	57.9	38.8	35.5
42.5	117.4	91.5	55.1	37.3	34.3
43.0	112.2	87.1	52.6	36.0	33.2
43.5	107.0	83.2	50.3	34.7	32.1
44.0	101.8	79.3	48.1	33.5	31.1
44.5	97.2	75.7	46.0	32.3	30.1
45.0	92.6	72.3	44.0	31.3	29.2
45.5	88.1	68.9	42.2	30.2	28.3
46.0	84.0	65.8	40.4	29.2	27.5
46.5	80.0	62.9	38.7	28.3	26.6
47.0	76.2	60.0	37.2	27.5	25.8
47.5	72.5	57.3	35.7	26.6	25.1
48.0	69.0	54.8	34.4	25.8	24.4
48.5	65.6	52.2	33.0	25.0	23.6
49.0	62.4	49.9	31.7	24.2	23.0
49.5	59.3	47.8	30.6	23.6	22.3
50.0	56.5	45.6	29.5	22.9	21.7
50.5	53.7	43.5	28.5	22.2	21.0
51.0	51.1	41.6	27.5	21.6	20.5
51.5	48.5	39.8	26.5	21.0	20.0
52.0	46.0	38.0	25.6	20.5	19.4
52.5	43.7	36.3	24.8	20.0	18.9
53.0	41.5	34.7	24.0	19.5	18.4
53.5	39.2	33.1	23.2	18.9	17.8
54.0	37.0	31.6	22.4	18.4	17.4
54.5	35.2	30.1	21.5	17.9	17.0

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CANDELA TABULATION - (Cont.)

55.0	33.3	28.8	20.9	17.4	16.2
55.5	31.5	27.4	20.1	16.7	15.8
56.0	29.8	26.0	19.4	16.1	15.3
56.5	28.3	24.8	18.7	15.7	14.8
57.0	26.8	23.6	18.1	15.2	14.5
57.5	25.4	22.5	17.5	14.8	14.1
58.0	24.1	21.5	16.9	14.4	13.7
58.5	22.8	20.4	16.3	14.0	13.3
59.0	21.6	19.5	15.8	13.5	13.1
59.5	20.5	18.6	15.3	13.2	12.7
60.0	19.5	17.7	14.7	12.8	12.4
60.5	18.5	16.9	14.2	12.4	12.0
61.0	17.6	16.1	13.8	12.1	11.8
61.5	16.7	15.4	13.3	11.7	11.4
62.0	15.9	14.7	12.8	11.4	11.2
62.5	15.3	14.0	12.4	11.1	10.9
63.0	14.5	13.4	12.0	10.7	10.6
63.5	13.9	12.8	11.5	10.4	10.4
64.0	13.3	12.2	11.2	10.1	10.1
64.5	12.7	11.7	10.8	9.8	9.8
65.0	12.1	11.2	10.4	9.5	9.5
65.5	11.6	10.7	10.1	9.2	9.2
66.0	11.2	10.3	9.7	8.9	8.9
66.5	10.7	9.8	9.4	8.7	8.7
67.0	10.2	9.4	9.0	8.4	8.4
67.5	9.8	9.1	8.7	8.2	8.1
68.0	9.4	8.7	8.4	7.9	7.8
68.5	9.0	8.3	8.1	7.7	7.5
69.0	8.6	8.0	7.8	7.4	7.3
69.5	8.3	7.7	7.5	7.2	7.0
70.0	7.9	7.4	7.2	7.0	6.8
70.5	7.7	7.1	7.0	6.8	6.6
71.0	7.3	6.8	6.7	6.5	6.3
71.5	7.0	6.5	6.4	6.3	6.0
72.0	6.7	6.3	6.2	6.0	5.8
72.5	6.4	6.0	6.0	5.8	5.5
73.0	6.3	5.8	5.7	5.6	5.3
73.5	6.0	5.5	5.5	5.4	5.0
74.0	5.7	5.3	5.3	5.2	4.8
74.5	5.6	5.1	5.1	5.0	4.6
75.0	5.3	4.9	4.9	4.7	4.4
75.5	5.1	4.7	4.7	4.5	4.1
76.0	4.9	4.5	4.5	4.3	3.9
76.5	4.7	4.3	4.2	4.1	3.7
77.0	4.5	4.2	4.1	3.9	3.5
77.5	4.3	4.0	3.9	3.7	3.2
78.0	4.1	3.8	3.7	3.6	3.0
78.5	3.9	3.6	3.6	3.4	2.8
79.0	3.8	3.5	3.4	3.2	2.6
79.5	3.6	3.3	3.2	3.0	2.4
80.0	3.4	3.2	3.1	2.8	2.2
80.5	3.3	3.0	2.9	2.7	2.0
81.0	3.1	2.9	2.7	2.5	1.8
81.5	2.9	2.7	2.6	2.3	1.7
82.0	2.8	2.6	2.5	2.2	1.5
82.5	2.7	2.5	2.3	2.0	1.3

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CANDELA TABULATION - (Cont.)

83.0	2.5	2.3	2.2	1.9	1.2
83.5	2.4	2.2	2.1	1.7	1.0
84.0	2.2	2.1	2.0	1.6	0.8
84.5	2.1	1.9	1.8	1.5	0.6
85.0	2.0	1.9	1.7	1.3	0.5
85.5	1.9	1.8	1.7	1.2	0.4
86.0	1.8	1.7	1.5	1.1	0.2
86.5	1.7	1.6	1.5	1.0	0.1
87.0	1.6	1.5	1.4	0.9	0.1
87.5	1.5	1.4	1.3	0.8	0.0
88.0	1.4	1.3	1.2	0.7	0.0
88.5	1.3	1.2	1.1	0.6	0.0
89.0	1.2	1.2	1.1	0.6	0.0
89.5	1.2	1.1	1.0	0.5	0.0
90.0	1.1	1.0	0.9	0.4	0.0
90.5	1.0	1.0	0.8	0.4	0.0
91.0	1.0	0.9	0.8	0.4	0.0
91.5	0.9	0.9	0.7	0.3	0.0
92.0	0.9	0.9	0.7	0.2	0.0
92.5	0.9	0.8	0.7	0.2	0.0
93.0	0.9	0.8	0.6	0.1	0.0
93.5	0.8	0.8	0.6	0.1	0.0
94.0	0.8	0.7	0.6	0.1	0.0
94.5	0.7	0.7	0.6	0.1	0.0
95.0	0.7	0.7	0.5	0.0	0.0
95.5	0.7	0.7	0.5	0.0	0.0
96.0	0.7	0.7	0.4	0.0	0.0
96.5	0.7	0.6	0.4	0.0	0.0
97.0	0.6	0.6	0.4	0.0	0.0
97.5	0.6	0.6	0.4	0.0	0.0
98.0	0.6	0.6	0.4	0.0	0.0
98.5	0.6	0.6	0.4	0.0	0.0
99.0	0.6	0.6	0.3	0.0	0.0
99.5	0.6	0.6	0.3	0.0	0.0
100.0	0.6	0.5	0.3	0.0	0.0
100.5	0.5	0.5	0.3	0.0	0.0
101.0	0.5	0.5	0.3	0.0	0.0
101.5	0.5	0.5	0.3	0.0	0.0
102.0	0.5	0.5	0.3	0.0	0.0
102.5	0.5	0.5	0.3	0.0	0.0
103.0	0.5	0.5	0.2	0.0	0.0
103.5	0.5	0.5	0.2	0.0	0.0
104.0	0.5	0.5	0.2	0.0	0.0
104.5	0.5	0.4	0.2	0.0	0.0
105.0	0.5	0.4	0.2	0.0	0.0
105.5	0.5	0.5	0.2	0.0	0.0
106.0	0.5	0.4	0.2	0.0	0.0
106.5	0.5	0.4	0.2	0.0	0.0
107.0	0.5	0.4	0.2	0.0	0.0
107.5	0.5	0.4	0.2	0.0	0.0
108.0	0.5	0.4	0.1	0.0	0.0
108.5	0.5	0.4	0.1	0.0	0.0
109.0	0.5	0.4	0.1	0.0	0.0
109.5	0.5	0.4	0.1	0.0	0.0
110.0	0.5	0.4	0.1	0.0	0.0
110.5	0.5	0.4	0.1	0.0	0.0

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CANDELA TABULATION - (Cont.)

111.0	0.5	0.4	0.1	0.0	0.0
111.5	0.5	0.4	0.1	0.0	0.0
112.0	0.5	0.4	0.1	0.0	0.0
112.5	0.5	0.4	0.1	0.0	0.0
113.0	0.5	0.4	0.0	0.0	0.0
113.5	0.5	0.4	0.0	0.0	0.0
114.0	0.5	0.4	0.0	0.0	0.0
114.5	0.5	0.3	0.0	0.0	0.0
115.0	0.4	0.3	0.0	0.0	0.0
115.5	0.5	0.3	0.0	0.0	0.0
116.0	0.4	0.3	0.0	0.0	0.0
116.5	0.4	0.3	0.0	0.0	0.0
117.0	0.4	0.2	0.0	0.0	0.0
117.5	0.4	0.3	0.0	0.0	0.0
118.0	0.3	0.2	0.0	0.0	0.0
118.5	0.3	0.2	0.0	0.0	0.0
119.0	0.3	0.2	0.0	0.0	0.0
119.5	0.3	0.1	0.0	0.0	0.0
120.0	0.3	0.1	0.0	0.0	0.0
120.5	0.2	0.1	0.0	0.0	0.0
121.0	0.2	0.0	0.0	0.0	0.0
121.5	0.1	0.0	0.0	0.0	0.0
122.0	0.1	0.0	0.0	0.0	0.0
122.5	0.0	0.0	0.0	0.0	0.0
123.0	0.0	0.0	0.0	0.0	0.0
123.5	0.0	0.0	0.0	0.0	0.0
124.0	0.0	0.0	0.0	0.0	0.0
124.5	0.0	0.0	0.0	0.0	0.0
125.0	0.0	0.0	0.0	0.0	0.0
125.5	0.0	0.0	0.0	0.0	0.0
126.0	0.0	0.0	0.0	0.0	0.0
126.5	0.0	0.0	0.0	0.0	0.0
127.0	0.0	0.0	0.0	0.0	0.0
127.5	0.0	0.0	0.0	0.0	0.0
128.0	0.0	0.0	0.0	0.0	0.0
128.5	0.0	0.0	0.0	0.0	0.0
129.0	0.0	0.0	0.0	0.0	0.0
129.5	0.0	0.0	0.0	0.0	0.0
130.0	0.0	0.0	0.0	0.0	0.0
130.5	0.0	0.0	0.0	0.0	0.0
131.0	0.0	0.0	0.0	0.0	0.0
131.5	0.0	0.0	0.0	0.0	0.0
132.0	0.0	0.0	0.0	0.0	0.0
132.5	0.0	0.0	0.0	0.0	0.0
133.0	0.0	0.0	0.0	0.0	0.0
133.5	0.0	0.0	0.0	0.0	0.0
134.0	0.0	0.0	0.0	0.0	0.0
134.5	0.0	0.0	0.0	0.0	0.0
135.0	0.0	0.0	0.0	0.0	0.0
135.5	0.0	0.0	0.0	0.0	0.0
136.0	0.0	0.0	0.0	0.0	0.0
136.5	0.0	0.0	0.0	0.0	0.0
137.0	0.0	0.0	0.0	0.0	0.0
137.5	0.0	0.0	0.0	0.0	0.0
138.0	0.0	0.0	0.0	0.0	0.0
138.5	0.0	0.0	0.0	0.0	0.0

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CANDELA TABULATION - (Cont.)

139.0	0.0	0.0	0.0	0.0	0.0
139.5	0.0	0.0	0.0	0.0	0.0
140.0	0.0	0.0	0.0	0.0	0.0
140.5	0.0	0.0	0.0	0.0	0.0
141.0	0.0	0.0	0.0	0.0	0.0
141.5	0.0	0.0	0.0	0.0	0.0
142.0	0.0	0.0	0.0	0.0	0.0
142.5	0.0	0.0	0.0	0.0	0.0
143.0	0.0	0.0	0.0	0.0	0.0
143.5	0.0	0.0	0.0	0.0	0.0
144.0	0.0	0.0	0.0	0.0	0.0
144.5	0.0	0.0	0.0	0.0	0.0
145.0	0.0	0.0	0.0	0.0	0.0
145.5	0.0	0.0	0.0	0.0	0.0
146.0	0.0	0.0	0.0	0.0	0.0
146.5	0.0	0.0	0.0	0.0	0.0
147.0	0.0	0.0	0.0	0.0	0.0
147.5	0.0	0.0	0.0	0.0	0.0
148.0	0.0	0.0	0.0	0.0	0.0
148.5	0.0	0.0	0.0	0.0	0.0
149.0	0.0	0.0	0.0	0.0	0.0
149.5	0.0	0.0	0.0	0.0	0.0
150.0	0.0	0.0	0.0	0.0	0.0
150.5	0.0	0.0	0.0	0.0	0.0
151.0	0.0	0.0	0.0	0.0	0.0
151.5	0.0	0.0	0.0	0.0	0.0
152.0	0.0	0.0	0.0	0.0	0.0
152.5	0.0	0.0	0.0	0.0	0.0
153.0	0.0	0.0	0.0	0.0	0.0
153.5	0.0	0.0	0.0	0.0	0.0
154.0	0.0	0.0	0.0	0.0	0.0
154.5	0.0	0.0	0.0	0.0	0.0
155.0	0.0	0.0	0.0	0.0	0.0
155.5	0.0	0.0	0.0	0.0	0.0
156.0	0.0	0.0	0.0	0.0	0.0
156.5	0.0	0.0	0.0	0.0	0.0
157.0	0.0	0.0	0.0	0.0	0.0
157.5	0.0	0.0	0.0	0.0	0.0
158.0	0.0	0.0	0.0	0.0	0.0
158.5	0.0	0.0	0.0	0.0	0.0
159.0	0.0	0.0	0.0	0.0	0.0
159.5	0.0	0.0	0.0	0.0	0.0
160.0	0.0	0.0	0.0	0.0	0.0
160.5	0.0	0.0	0.0	0.0	0.0
161.0	0.0	0.0	0.0	0.0	0.0
161.5	0.0	0.0	0.0	0.0	0.0
162.0	0.0	0.0	0.0	0.0	0.0
162.5	0.0	0.0	0.0	0.0	0.0
163.0	0.0	0.0	0.0	0.0	0.0
163.5	0.0	0.0	0.0	0.0	0.0
164.0	0.0	0.0	0.0	0.0	0.0
164.5	0.0	0.0	0.0	0.0	0.0
165.0	0.0	0.0	0.0	0.0	0.0
165.5	0.0	0.0	0.0	0.0	0.0
166.0	0.0	0.0	0.0	0.0	0.0
166.5	0.0	0.0	0.0	0.0	0.0

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CANDELA TABULATION - (Cont.)

167.0	0.0	0.0	0.0	0.0	0.0
167.5	0.0	0.0	0.0	0.0	0.0
168.0	0.0	0.0	0.0	0.0	0.0
168.5	0.0	0.0	0.0	0.0	0.0
169.0	0.0	0.0	0.0	0.0	0.0
169.5	0.0	0.0	0.0	0.0	0.0
170.0	0.0	0.0	0.0	0.0	0.0
170.5	0.0	0.0	0.0	0.0	0.0
171.0	0.0	0.0	0.0	0.0	0.0
171.5	0.0	0.0	0.0	0.0	0.0
172.0	0.0	0.0	0.0	0.0	0.0
172.5	0.0	0.0	0.0	0.0	0.0
173.0	0.0	0.0	0.0	0.0	0.0
173.5	0.0	0.0	0.0	0.0	0.0
174.0	0.0	0.0	0.0	0.0	0.0
174.5	0.0	0.0	0.0	0.0	0.0
175.0	0.0	0.0	0.0	0.0	0.0
175.5	0.0	0.0	0.0	0.0	0.0
176.0	0.0	0.0	0.0	0.0	0.0
176.5	0.0	0.0	0.0	0.0	0.0
177.0	0.0	0.0	0.0	0.0	0.0
177.5	0.0	0.0	0.0	0.0	0.0
178.0	0.0	0.0	0.0	0.0	0.0
178.5	0.0	0.0	0.0	0.0	0.0
179.0	0.0	0.0	0.0	0.0	0.0
179.5	0.0	0.0	0.0	0.0	0.0
180.0	0.0	0.0	0.0	0.0	0.0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	339.13	N.A.	50.90
0-30	501.14	N.A.	75.20
0-40	585.74	N.A.	87.90
0-60	648.01	N.A.	97.20
0-80	663.81	N.A.	99.60
0-90	665.61	N.A.	99.90
10-90	547.27	N.A.	82.10
20-40	246.62	N.A.	37.00
20-50	287.95	N.A.	43.20
40-70	72.87	N.A.	10.90
60-80	15.80	N.A.	2.40
70-80	5.19	N.A.	0.80
80-90	1.80	N.A.	0.30
90-110	0.72	N.A.	0.10
90-120	0.85	N.A.	0.10
90-130	0.86	N.A.	0.10
90-150	0.86	N.A.	0.10
90-180	0.86	N.A.	0.10
110-180	0.14	N.A.	0.00
0-180	666.47	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	118.34
10-20	220.79
20-30	162.01
30-40	84.61
40-50	41.33
50-60	20.93
60-70	10.61
70-80	5.19
80-90	1.80
90-100	0.48
100-110	0.24
110-120	0.14
120-130	0.01
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

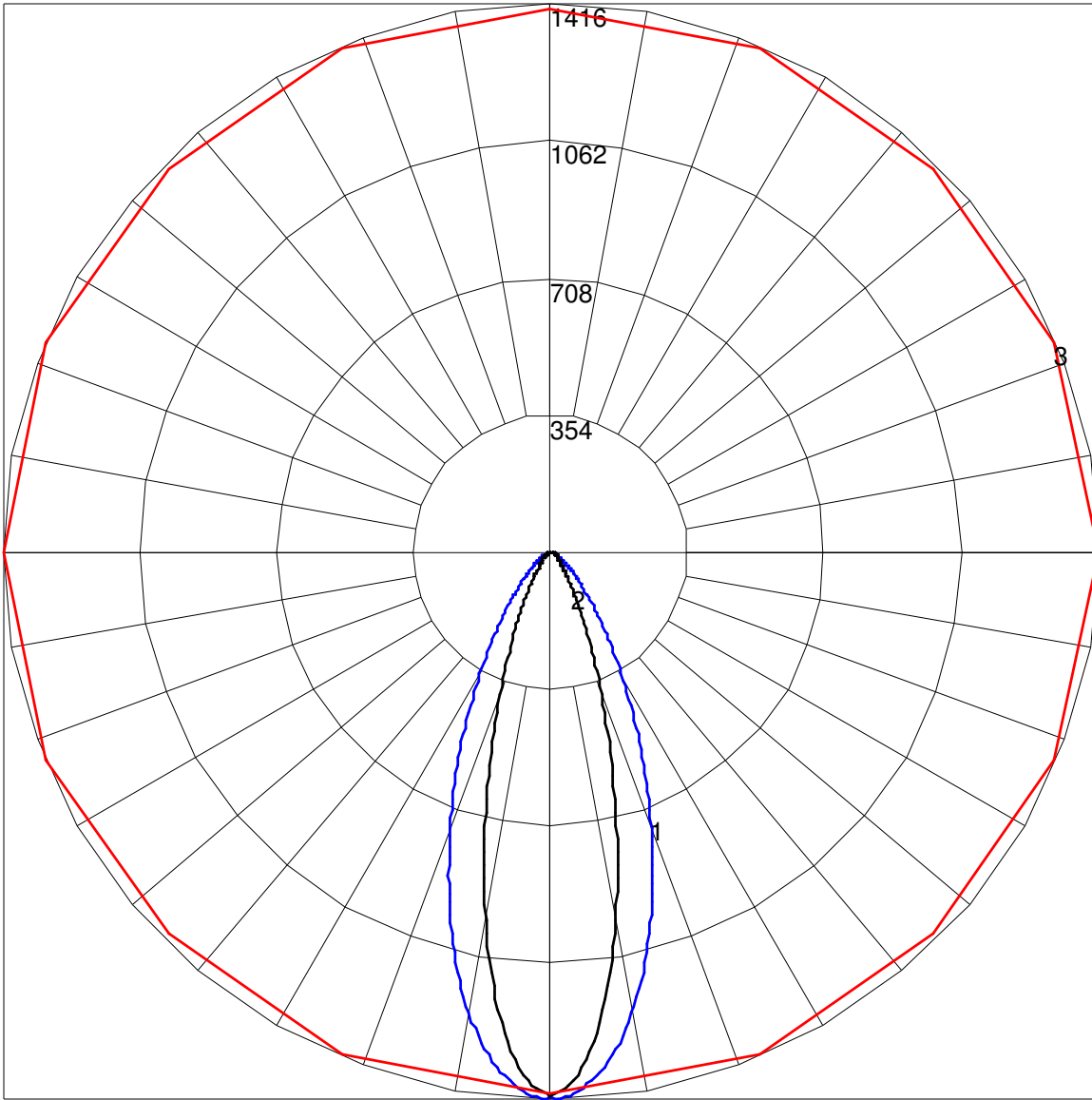
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	114	111	108	106	111	109	106	104	104	103	101	101	99	98	97	96	95	93
2	108	103	99	96	106	101	98	95	98	95	93	95	93	91	92	91	89	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	81
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	81	78	76
5	94	86	80	76	92	85	79	75	83	78	75	81	77	74	80	76	73	72
6	89	81	75	71	88	80	75	71	79	74	70	77	73	70	76	72	69	68
7	85	77	71	67	84	76	71	67	75	70	66	74	69	66	73	69	66	64
8	82	73	67	63	81	72	67	63	71	66	63	70	66	63	69	65	63	61
9	79	70	64	60	78	69	64	60	68	63	60	67	63	60	66	62	60	58
10	75	66	61	57	75	66	61	57	65	60	57	64	60	57	64	60	57	56

POLAR GRAPH



Maximum Candela = 1416 Located At Horizontal Angle = 0, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Vertical Plane Through Horizontal Angles (90 - 270)
3 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)