

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : C6S-5030-00-UNVE10-35-LG.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] 1013  
 [UL TEST] 11870572.04  
 [ECN] 3074  
 [TESTLAB] UL Verification Services Inc.  
 [ISSUEDATE] 7/21/2017  
 [MANUFAC] Tempo LLC  
 [LUMCAT] C6S-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	Indirect
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
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	0	0	0
55	0	0	0
65	34	0	0
75	52	23	0
85	97	81	0

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	0.0	0.0	0.0	0.0	0.0
0.5	0.0	0.0	0.0	0.0	0.0
1.0	0.0	0.0	0.0	0.0	0.0
1.5	0.0	0.0	0.0	0.0	0.0
2.0	0.0	0.0	0.0	0.0	0.0
2.5	0.0	0.0	0.0	0.0	0.0
3.0	0.0	0.0	0.0	0.0	0.0
3.5	0.0	0.0	0.0	0.0	0.0
4.0	0.0	0.0	0.0	0.0	0.0
4.5	0.0	0.0	0.0	0.0	0.0
5.0	0.0	0.0	0.0	0.0	0.0
5.5	0.0	0.0	0.0	0.0	0.0
6.0	0.0	0.0	0.0	0.0	0.0
6.5	0.0	0.0	0.0	0.0	0.0
7.0	0.0	0.0	0.0	0.0	0.0
7.5	0.0	0.0	0.0	0.0	0.0
8.0	0.0	0.0	0.0	0.0	0.0
8.5	0.0	0.0	0.0	0.0	0.0
9.0	0.0	0.0	0.0	0.0	0.0
9.5	0.0	0.0	0.0	0.0	0.0
10.0	0.0	0.0	0.0	0.0	0.0
10.5	0.0	0.0	0.0	0.0	0.0
11.0	0.0	0.0	0.0	0.0	0.0
11.5	0.0	0.0	0.0	0.0	0.0
12.0	0.0	0.0	0.0	0.0	0.0
12.5	0.0	0.0	0.0	0.0	0.0
13.0	0.0	0.0	0.0	0.0	0.0
13.5	0.0	0.0	0.0	0.0	0.0
14.0	0.0	0.0	0.0	0.0	0.0
14.5	0.0	0.0	0.0	0.0	0.0
15.0	0.0	0.0	0.0	0.0	0.0
15.5	0.0	0.0	0.0	0.0	0.0
16.0	0.0	0.0	0.0	0.0	0.0
16.5	0.0	0.0	0.0	0.0	0.0
17.0	0.0	0.0	0.0	0.0	0.0
17.5	0.0	0.0	0.0	0.0	0.0
18.0	0.0	0.0	0.0	0.0	0.0
18.5	0.0	0.0	0.0	0.0	0.0
19.0	0.0	0.0	0.0	0.0	0.0
19.5	0.0	0.0	0.0	0.0	0.0
20.0	0.0	0.0	0.0	0.0	0.0
20.5	0.0	0.0	0.0	0.0	0.0
21.0	0.0	0.0	0.0	0.0	0.0
21.5	0.0	0.0	0.0	0.0	0.0
22.0	0.0	0.0	0.0	0.0	0.0
22.5	0.0	0.0	0.0	0.0	0.0
23.0	0.0	0.0	0.0	0.0	0.0
23.5	0.0	0.0	0.0	0.0	0.0
24.0	0.0	0.0	0.0	0.0	0.0
24.5	0.0	0.0	0.0	0.0	0.0
25.0	0.0	0.0	0.0	0.0	0.0
25.5	0.0	0.0	0.0	0.0	0.0
26.0	0.0	0.0	0.0	0.0	0.0
26.5	0.0	0.0	0.0	0.0	0.0

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**CANDELA TABULATION - (Cont.)**

27.0	0.0	0.0	0.0	0.0	0.0
27.5	0.0	0.0	0.0	0.0	0.0
28.0	0.0	0.0	0.0	0.0	0.0
28.5	0.0	0.0	0.0	0.0	0.0
29.0	0.0	0.0	0.0	0.0	0.0
29.5	0.0	0.0	0.0	0.0	0.0
30.0	0.0	0.0	0.0	0.0	0.0
30.5	0.0	0.0	0.0	0.0	0.0
31.0	0.0	0.0	0.0	0.0	0.0
31.5	0.0	0.0	0.0	0.0	0.0
32.0	0.0	0.0	0.0	0.0	0.0
32.5	0.0	0.0	0.0	0.0	0.0
33.0	0.0	0.0	0.0	0.0	0.0
33.5	0.0	0.0	0.0	0.0	0.0
34.0	0.0	0.0	0.0	0.0	0.0
34.5	0.0	0.0	0.0	0.0	0.0
35.0	0.0	0.0	0.0	0.0	0.0
35.5	0.0	0.0	0.0	0.0	0.0
36.0	0.0	0.0	0.0	0.0	0.0
36.5	0.0	0.0	0.0	0.0	0.0
37.0	0.0	0.0	0.0	0.0	0.0
37.5	0.0	0.0	0.0	0.0	0.0
38.0	0.0	0.0	0.0	0.0	0.0
38.5	0.0	0.0	0.0	0.0	0.0
39.0	0.0	0.0	0.0	0.0	0.0
39.5	0.0	0.0	0.0	0.0	0.0
40.0	0.0	0.0	0.0	0.0	0.0
40.5	0.0	0.0	0.0	0.0	0.0
41.0	0.0	0.0	0.0	0.0	0.0
41.5	0.0	0.0	0.0	0.0	0.0
42.0	0.0	0.0	0.0	0.0	0.0
42.5	0.0	0.0	0.0	0.0	0.0
43.0	0.0	0.0	0.0	0.0	0.0
43.5	0.0	0.0	0.0	0.0	0.0
44.0	0.0	0.0	0.0	0.0	0.0
44.5	0.0	0.0	0.0	0.0	0.0
45.0	0.0	0.0	0.0	0.0	0.0
45.5	0.0	0.0	0.0	0.0	0.0
46.0	0.0	0.0	0.0	0.0	0.0
46.5	0.0	0.0	0.0	0.0	0.0
47.0	0.0	0.0	0.0	0.0	0.0
47.5	0.0	0.0	0.0	0.0	0.0
48.0	0.0	0.0	0.0	0.0	0.0
48.5	0.0	0.0	0.0	0.0	0.0
49.0	0.0	0.0	0.0	0.0	0.0
49.5	0.0	0.0	0.0	0.0	0.0
50.0	0.0	0.0	0.0	0.0	0.0
50.5	0.0	0.0	0.0	0.0	0.0
51.0	0.0	0.0	0.0	0.0	0.0
51.5	0.0	0.0	0.0	0.0	0.0
52.0	0.0	0.0	0.0	0.0	0.0
52.5	0.0	0.0	0.0	0.0	0.0
53.0	0.0	0.0	0.0	0.0	0.0
53.5	0.0	0.0	0.0	0.0	0.0
54.0	0.0	0.0	0.0	0.0	0.0
54.5	0.0	0.0	0.0	0.0	0.0

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**CANDELA TABULATION - (Cont.)**

55.0	0.0	0.0	0.0	0.0	0.0
55.5	0.0	0.0	0.0	0.0	0.0
56.0	0.0	0.0	0.0	0.0	0.0
56.5	0.0	0.0	0.0	0.0	0.0
57.0	0.0	0.0	0.0	0.0	0.0
57.5	0.0	0.0	0.0	0.0	0.0
58.0	0.1	0.0	0.0	0.0	0.0
58.5	0.1	0.0	0.0	0.0	0.0
59.0	0.2	0.0	0.0	0.0	0.0
59.5	0.2	0.1	0.0	0.0	0.0
60.0	0.3	0.1	0.0	0.0	0.0
60.5	0.3	0.1	0.0	0.0	0.0
61.0	0.3	0.2	0.0	0.0	0.0
61.5	0.3	0.2	0.0	0.0	0.0
62.0	0.3	0.2	0.0	0.0	0.0
62.5	0.4	0.3	0.0	0.0	0.0
63.0	0.4	0.2	0.0	0.0	0.0
63.5	0.4	0.3	0.0	0.0	0.0
64.0	0.4	0.3	0.0	0.0	0.0
64.5	0.5	0.3	0.0	0.0	0.0
65.0	0.4	0.3	0.0	0.0	0.0
65.5	0.5	0.3	0.0	0.0	0.0
66.0	0.5	0.4	0.0	0.0	0.0
66.5	0.5	0.4	0.0	0.0	0.0
67.0	0.5	0.4	0.0	0.0	0.0
67.5	0.5	0.4	0.1	0.0	0.0
68.0	0.5	0.4	0.1	0.0	0.0
68.5	0.5	0.4	0.1	0.0	0.0
69.0	0.5	0.4	0.1	0.0	0.0
69.5	0.5	0.4	0.1	0.0	0.0
70.0	0.5	0.4	0.1	0.0	0.0
70.5	0.5	0.4	0.1	0.0	0.0
71.0	0.5	0.4	0.1	0.0	0.0
71.5	0.5	0.4	0.1	0.0	0.0
72.0	0.5	0.4	0.1	0.0	0.0
72.5	0.5	0.4	0.2	0.0	0.0
73.0	0.5	0.4	0.2	0.0	0.0
73.5	0.5	0.4	0.2	0.0	0.0
74.0	0.5	0.4	0.2	0.0	0.0
74.5	0.5	0.5	0.2	0.0	0.0
75.0	0.5	0.4	0.2	0.0	0.0
75.5	0.5	0.4	0.2	0.0	0.0
76.0	0.5	0.5	0.2	0.0	0.0
76.5	0.5	0.5	0.2	0.0	0.0
77.0	0.5	0.5	0.2	0.0	0.0
77.5	0.5	0.5	0.3	0.0	0.0
78.0	0.5	0.5	0.3	0.0	0.0
78.5	0.5	0.5	0.3	0.0	0.0
79.0	0.5	0.5	0.3	0.0	0.0
79.5	0.5	0.5	0.3	0.0	0.0
80.0	0.6	0.5	0.3	0.0	0.0
80.5	0.6	0.6	0.3	0.0	0.0
81.0	0.6	0.6	0.3	0.0	0.0
81.5	0.6	0.6	0.4	0.0	0.0
82.0	0.6	0.6	0.4	0.0	0.0
82.5	0.6	0.6	0.4	0.0	0.0

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**CANDELA TABULATION - (Cont.)**

83.0	0.6	0.6	0.4	0.0	0.0
83.5	0.7	0.6	0.4	0.0	0.0
84.0	0.7	0.7	0.4	0.0	0.0
84.5	0.7	0.7	0.5	0.0	0.0
85.0	0.7	0.7	0.5	0.0	0.0
85.5	0.7	0.7	0.6	0.1	0.0
86.0	0.8	0.7	0.6	0.1	0.0
86.5	0.8	0.8	0.6	0.1	0.0
87.0	0.9	0.8	0.6	0.1	0.0
87.5	0.9	0.8	0.7	0.2	0.0
88.0	0.9	0.9	0.7	0.2	0.0
88.5	0.9	0.9	0.7	0.3	0.0
89.0	1.0	0.9	0.8	0.4	0.0
89.5	1.0	1.0	0.8	0.4	0.0
90.0	1.1	1.0	0.9	0.4	0.0
90.5	1.2	1.1	1.0	0.5	0.0
91.0	1.2	1.2	1.1	0.6	0.0
91.5	1.3	1.2	1.1	0.6	0.0
92.0	1.4	1.3	1.2	0.7	0.0
92.5	1.5	1.4	1.3	0.8	0.0
93.0	1.6	1.5	1.4	0.9	0.1
93.5	1.7	1.6	1.5	1.0	0.1
94.0	1.8	1.7	1.5	1.1	0.2
94.5	1.9	1.8	1.7	1.2	0.4
95.0	2.0	1.9	1.7	1.3	0.5
95.5	2.1	1.9	1.8	1.5	0.6
96.0	2.2	2.1	2.0	1.6	0.8
96.5	2.4	2.2	2.1	1.7	1.0
97.0	2.5	2.3	2.2	1.9	1.2
97.5	2.7	2.5	2.3	2.0	1.3
98.0	2.8	2.6	2.5	2.2	1.5
98.5	2.9	2.7	2.6	2.3	1.7
99.0	3.1	2.9	2.7	2.5	1.8
99.5	3.3	3.0	2.9	2.7	2.0
100.0	3.4	3.2	3.1	2.8	2.2
100.5	3.6	3.3	3.2	3.0	2.4
101.0	3.8	3.5	3.4	3.2	2.6
101.5	3.9	3.6	3.6	3.4	2.8
102.0	4.1	3.8	3.7	3.6	3.0
102.5	4.3	4.0	3.9	3.7	3.2
103.0	4.5	4.2	4.1	3.9	3.5
103.5	4.7	4.3	4.2	4.1	3.7
104.0	4.9	4.5	4.5	4.3	3.9
104.5	5.1	4.7	4.7	4.5	4.1
105.0	5.3	4.9	4.9	4.7	4.4
105.5	5.6	5.1	5.1	5.0	4.6
106.0	5.7	5.3	5.3	5.2	4.8
106.5	6.0	5.5	5.5	5.4	5.0
107.0	6.3	5.8	5.7	5.6	5.3
107.5	6.4	6.0	6.0	5.8	5.5
108.0	6.7	6.3	6.2	6.0	5.8
108.5	7.0	6.5	6.4	6.3	6.0
109.0	7.3	6.8	6.7	6.5	6.3
109.5	7.7	7.1	7.0	6.8	6.6
110.0	7.9	7.4	7.2	7.0	6.8
110.5	8.3	7.7	7.5	7.2	7.0

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**CANDELA TABULATION - (Cont.)**

111.0	8.6	8.0	7.8	7.4	7.3
111.5	9.0	8.3	8.1	7.7	7.5
112.0	9.4	8.7	8.4	7.9	7.8
112.5	9.8	9.1	8.7	8.2	8.1
113.0	10.2	9.4	9.0	8.4	8.4
113.5	10.7	9.8	9.4	8.7	8.7
114.0	11.2	10.3	9.7	8.9	8.9
114.5	11.6	10.7	10.1	9.2	9.2
115.0	12.1	11.2	10.4	9.5	9.5
115.5	12.7	11.7	10.8	9.8	9.8
116.0	13.3	12.2	11.2	10.1	10.1
116.5	13.9	12.8	11.5	10.4	10.4
117.0	14.5	13.4	12.0	10.7	10.6
117.5	15.3	14.0	12.4	11.1	10.9
118.0	15.9	14.7	12.8	11.4	11.2
118.5	16.7	15.4	13.3	11.7	11.4
119.0	17.6	16.1	13.8	12.1	11.8
119.5	18.5	16.9	14.2	12.4	12.0
120.0	19.5	17.7	14.7	12.8	12.4
120.5	20.5	18.6	15.3	13.2	12.7
121.0	21.6	19.5	15.8	13.5	13.1
121.5	22.8	20.4	16.3	14.0	13.3
122.0	24.1	21.5	16.9	14.4	13.7
122.5	25.4	22.5	17.5	14.8	14.1
123.0	26.8	23.6	18.1	15.2	14.5
123.5	28.3	24.8	18.7	15.7	14.8
124.0	29.8	26.0	19.4	16.1	15.3
124.5	31.5	27.4	20.1	16.7	15.8
125.0	33.3	28.8	20.9	17.4	16.2
125.5	35.2	30.1	21.5	17.9	17.0
126.0	37.0	31.6	22.4	18.4	17.4
126.5	39.2	33.1	23.2	18.9	17.8
127.0	41.5	34.7	24.0	19.5	18.4
127.5	43.7	36.3	24.8	20.0	18.9
128.0	46.0	38.0	25.6	20.5	19.4
128.5	48.5	39.8	26.5	21.0	20.0
129.0	51.1	41.6	27.5	21.6	20.5
129.5	53.7	43.5	28.5	22.2	21.0
130.0	56.5	45.6	29.5	22.9	21.7
130.5	59.3	47.8	30.6	23.6	22.3
131.0	62.4	49.9	31.7	24.2	23.0
131.5	65.6	52.2	33.0	25.0	23.6
132.0	69.0	54.8	34.4	25.8	24.4
132.5	72.5	57.3	35.7	26.6	25.1
133.0	76.2	60.0	37.2	27.5	25.8
133.5	80.0	62.9	38.7	28.3	26.6
134.0	84.0	65.8	40.4	29.2	27.5
134.5	88.1	68.9	42.2	30.2	28.3
135.0	92.6	72.3	44.0	31.3	29.2
135.5	97.2	75.7	46.0	32.3	30.1
136.0	101.8	79.3	48.1	33.5	31.1
136.5	107.0	83.2	50.3	34.7	32.1
137.0	112.2	87.1	52.6	36.0	33.2
137.5	117.4	91.5	55.1	37.3	34.3
138.0	123.4	95.9	57.9	38.8	35.5
138.5	129.5	100.7	60.6	40.4	36.8

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**CANDELA TABULATION - (Cont.)**

139.0	135.5	105.5	63.5	42.0	38.1
139.5	142.6	110.6	66.6	43.8	39.5
140.0	149.2	116.2	70.0	45.8	41.0
140.5	156.5	121.8	73.5	47.8	42.6
141.0	163.6	127.8	77.2	50.0	44.4
141.5	171.7	134.0	81.1	52.4	46.3
142.0	179.6	140.6	85.2	54.9	48.3
142.5	188.2	147.6	89.6	57.7	50.4
143.0	197.2	154.6	94.3	60.6	52.8
143.5	206.3	162.2	99.0	63.8	55.2
144.0	216.2	169.9	104.2	67.1	57.9
144.5	225.7	178.1	109.7	70.7	60.8
145.0	236.2	186.7	115.3	74.6	64.0
145.5	247.0	195.8	121.5	78.7	67.6
146.0	258.5	205.3	127.9	83.2	71.3
146.5	270.4	215.1	134.6	87.9	75.3
147.0	282.0	225.5	141.9	93.0	79.6
147.5	295.3	236.6	149.4	98.2	84.2
148.0	308.5	247.7	157.2	104.2	89.0
148.5	322.8	259.4	165.5	110.3	94.4
149.0	336.6	271.8	174.4	116.8	100.2
149.5	351.2	285.2	183.6	123.9	106.4
150.0	366.6	298.1	193.6	131.2	113.0
150.5	382.5	312.0	203.7	139.4	120.2
151.0	398.7	326.4	214.8	148.0	127.5
151.5	414.9	341.2	226.3	157.0	135.7
152.0	431.9	357.3	238.3	166.5	144.5
152.5	450.3	373.1	250.8	176.8	153.8
153.0	467.6	390.1	264.4	187.3	163.5
153.5	486.5	407.5	277.9	198.8	173.6
154.0	505.5	425.2	292.6	210.8	184.7
154.5	524.0	443.7	307.7	223.6	196.2
155.0	544.8	462.7	323.4	237.0	208.7
155.5	564.6	482.3	340.2	251.0	221.5
156.0	584.5	502.6	357.6	265.9	235.3
156.5	605.2	523.3	375.8	281.2	249.7
157.0	625.8	544.2	394.3	297.5	264.7
157.5	647.8	565.7	413.9	314.4	280.5
158.0	669.0	588.2	434.3	332.4	297.1
158.5	691.0	610.6	455.0	351.3	314.7
159.0	714.1	634.0	477.0	370.7	333.6
159.5	736.3	657.3	499.9	391.5	352.9
160.0	759.9	681.3	523.2	412.6	373.1
160.5	783.0	706.1	546.4	434.8	394.3
161.0	806.8	730.4	570.9	458.5	416.5
161.5	831.0	755.7	596.9	482.7	440.2
162.0	854.1	780.9	622.5	508.2	464.3
162.5	878.4	805.4	649.2	535.0	489.9
163.0	900.6	831.4	676.8	561.8	515.9
163.5	924.7	856.6	704.2	589.7	543.9
164.0	945.6	882.4	732.6	618.1	571.9
164.5	973.4	907.0	761.6	647.9	602.3
165.0	996.3	933.5	790.6	678.7	632.1
165.5	1023.0	959.6	819.6	709.3	664.7
166.0	1043.0	983.8	848.8	741.7	696.3
166.5	1066.0	1010.0	880.0	774.1	729.4

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

<b>167.0</b>	1091.0	1033.0	906.4	807.1	762.6
<b>167.5</b>	1114.0	1058.0	937.4	840.4	796.6
<b>168.0</b>	1133.0	1083.0	965.6	873.3	830.7
<b>168.5</b>	1155.0	1105.0	994.7	906.1	862.6
<b>169.0</b>	1175.0	1129.0	1025.0	937.5	898.1
<b>169.5</b>	1195.0	1152.0	1053.0	972.1	931.9
<b>170.0</b>	1213.0	1176.0	1081.0	1004.0	967.0
<b>170.5</b>	1233.0	1196.0	1108.0	1037.0	1001.0
<b>171.0</b>	1250.0	1216.0	1135.0	1069.0	1036.0
<b>171.5</b>	1268.0	1235.0	1162.0	1100.0	1070.0
<b>172.0</b>	1284.0	1254.0	1186.0	1132.0	1102.0
<b>172.5</b>	1299.0	1273.0	1211.0	1161.0	1135.0
<b>173.0</b>	1312.0	1290.0	1235.0	1191.0	1165.0
<b>173.5</b>	1327.0	1307.0	1256.0	1219.0	1195.0
<b>174.0</b>	1340.0	1322.0	1278.0	1245.0	1223.0
<b>174.5</b>	1351.0	1335.0	1297.0	1270.0	1249.0
<b>175.0</b>	1361.0	1349.0	1315.0	1291.0	1274.0
<b>175.5</b>	1370.0	1361.0	1330.0	1314.0	1296.0
<b>176.0</b>	1380.0	1373.0	1346.0	1333.0	1320.0
<b>176.5</b>	1389.0	1381.0	1359.0	1349.0	1339.0
<b>177.0</b>	1398.0	1388.0	1370.0	1366.0	1355.0
<b>177.5</b>	1403.0	1397.0	1381.0	1378.0	1369.0
<b>178.0</b>	1408.0	1404.0	1388.0	1390.0	1383.0
<b>178.5</b>	1410.0	1408.0	1396.0	1397.0	1391.0
<b>179.0</b>	1415.0	1410.0	1400.0	1402.0	1395.0
<b>179.5</b>	1416.0	1412.0	1401.0	1407.0	1402.0
<b>180.0</b>	1408.0	1408.0	1408.0	1408.0	1408.0



**IES INDOOR REPORT**  
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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	0.00	N.A.	0.00
0-30	0.00	N.A.	0.00
0-40	0.00	N.A.	0.00
0-60	0.01	N.A.	0.00
0-80	0.38	N.A.	0.10
0-90	0.86	N.A.	0.10
10-90	0.86	N.A.	0.10
20-40	0.00	N.A.	0.00
20-50	0.00	N.A.	0.00
40-70	0.14	N.A.	0.00
60-80	0.38	N.A.	0.10
70-80	0.24	N.A.	0.00
80-90	0.48	N.A.	0.10
90-110	6.99	N.A.	1.00
90-120	17.60	N.A.	2.60
90-130	38.53	N.A.	5.80
90-150	164.47	N.A.	24.70
90-180	665.61	N.A.	99.90
110-180	658.62	N.A.	98.80
0-180	666.47	N.A.	100.00

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

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

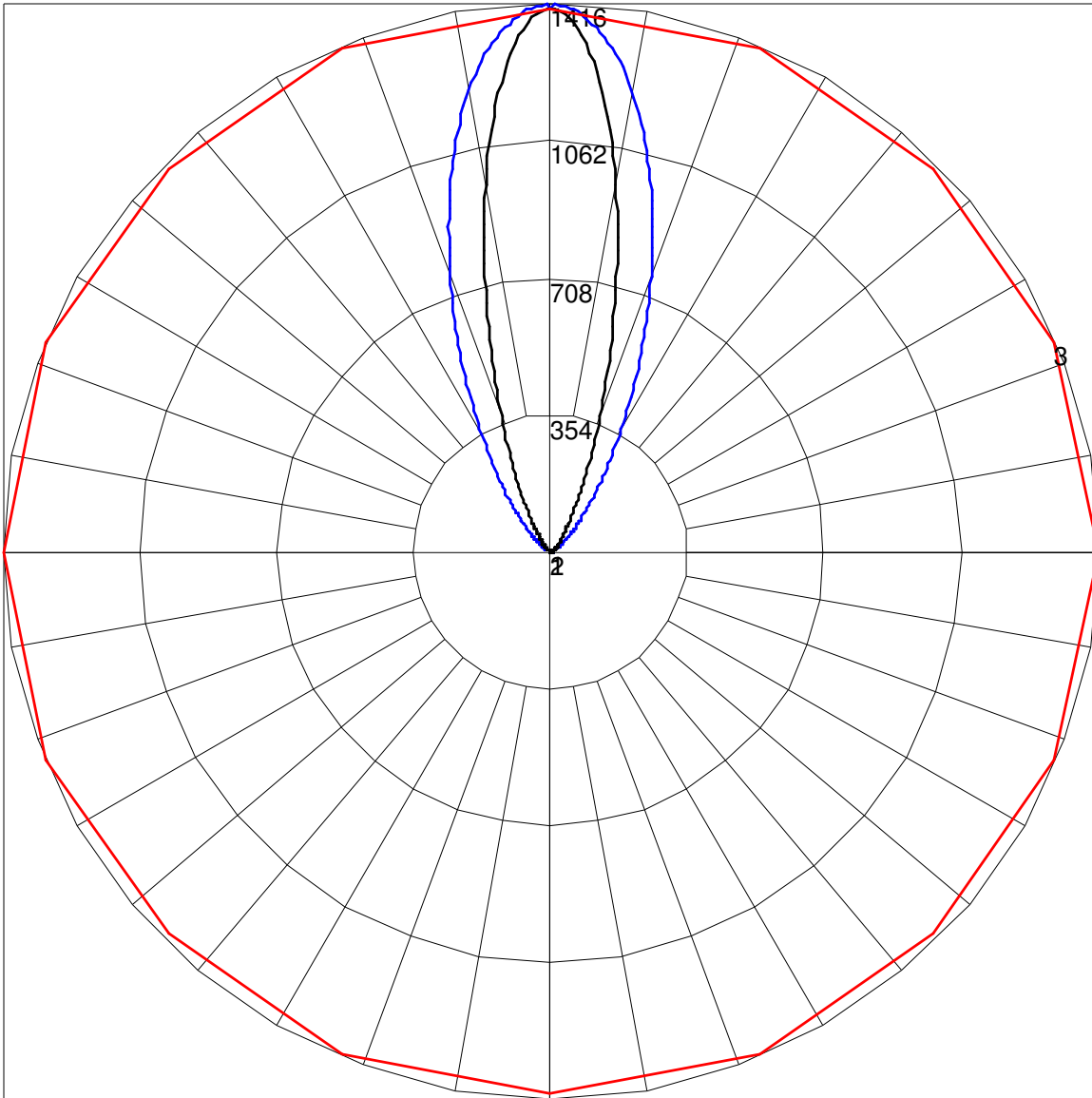
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**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

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	
0	95	95	95	95	81	81	81	81	56	56	56	32	32	32	10	10	10	0
1	87	83	79	76	74	71	68	65	48	47	45	28	27	26	9	9	9	0
2	79	72	66	62	67	62	57	53	42	40	37	24	23	22	8	7	7	0
3	72	63	56	51	61	54	49	44	37	34	31	21	20	18	7	6	6	0
4	65	56	48	43	56	48	42	37	33	29	26	19	17	16	6	6	5	0
5	60	49	42	36	51	42	36	32	29	25	22	17	15	13	5	5	4	0
6	55	44	36	31	47	38	32	27	26	22	19	15	13	11	5	4	4	0
7	50	39	32	27	43	34	28	23	23	19	17	14	11	10	4	4	3	0
8	47	35	28	23	40	30	24	20	21	17	14	12	10	9	4	3	3	0
9	43	32	25	20	37	28	22	18	19	15	13	11	9	8	4	3	3	0
10	40	29	22	18	34	25	19	16	17	14	11	10	8	7	3	3	2	0

POLAR GRAPH



Maximum Candela = 1416 Located At Horizontal Angle = 0, Vertical Angle = 179.5

# 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 (179.5) (Through Max. Cd.)