

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6R-60115-00-UNVE9-35-LG.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 1005
 [UL TEST] 11750395.06
 [ECN] 3056
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 5/5/2017
 [MANUFAC] Tempo LLC
 [LUMCAT] C6R-60115-00-UNVE9-35-LG
 [LUMINAIRE] Light gray aluminum housing with lightly frosted lens
 [LAMP] Twenty (20) white LEDs (3500K) with 60 deg x 115 deg optic
 [ELECTRICALS] 120.05 VAC, 0.0753 A, 0.9936 PF, 9.31% ATHD

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	772
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	86
Total Luminaire Watts	8.99332
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)	0.15 ft
Luminous Width (90-270)	1.00 ft
Luminous Height	0.07 ft



LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	0	6	193
55	68	51	317
65	190	128	493
75	400	288	760
85	751	710	696

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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	0.00	0.00	0.00	0.00	0.00
0.5	0.00	0.00	0.00	0.00	0.00
1.0	0.00	0.00	0.00	0.00	0.00
1.5	0.00	0.00	0.00	0.00	0.00
2.0	0.00	0.00	0.00	0.00	0.00
2.5	0.00	0.00	0.00	0.00	0.00
3.0	0.00	0.00	0.00	0.00	0.00
3.5	0.00	0.00	0.00	0.00	0.00
4.0	0.00	0.00	0.00	0.00	0.00
4.5	0.00	0.00	0.00	0.00	0.00
5.0	0.00	0.00	0.00	0.00	0.00
5.5	0.00	0.00	0.00	0.00	0.00
6.0	0.00	0.00	0.00	0.00	0.00
6.5	0.00	0.00	0.00	0.00	0.00
7.0	0.00	0.00	0.00	0.00	0.00
7.5	0.00	0.00	0.00	0.00	0.00
8.0	0.00	0.00	0.00	0.00	0.00
8.5	0.00	0.00	0.00	0.00	0.00
9.0	0.00	0.00	0.00	0.00	0.00
9.5	0.00	0.00	0.00	0.00	0.00
10.0	0.00	0.00	0.00	0.00	0.00
10.5	0.00	0.00	0.00	0.00	0.00
11.0	0.00	0.00	0.00	0.00	0.00
11.5	0.00	0.00	0.00	0.00	0.00
12.0	0.00	0.00	0.00	0.04	0.14
12.5	0.00	0.00	0.00	0.08	0.19
13.0	0.00	0.00	0.00	0.09	0.18
13.5	0.00	0.00	0.00	0.09	0.18
14.0	0.00	0.00	0.00	0.10	0.18
14.5	0.00	0.00	0.00	0.10	0.18
15.0	0.00	0.00	0.00	0.11	0.20
15.5	0.00	0.00	0.00	0.18	0.29
16.0	0.00	0.00	0.00	0.23	0.34
16.5	0.00	0.00	0.00	0.24	0.32
17.0	0.00	0.00	0.00	0.22	0.31
17.5	0.00	0.00	0.00	0.22	0.32
18.0	0.00	0.00	0.00	0.22	0.36
18.5	0.00	0.00	0.00	0.34	0.49
19.0	0.00	0.00	0.00	0.38	0.48
19.5	0.00	0.00	0.00	0.34	0.46
20.0	0.00	0.00	0.00	0.29	0.46
20.5	0.00	0.00	0.00	0.31	0.51
21.0	0.00	0.00	0.00	0.36	0.53
21.5	0.00	0.00	0.00	0.41	0.58
22.0	0.00	0.00	0.00	0.46	0.63
22.5	0.00	0.00	0.00	0.49	0.69
23.0	0.00	0.00	0.00	0.48	0.72
23.5	0.00	0.00	0.00	0.47	0.73
24.0	0.00	0.00	0.01	0.46	0.76
24.5	0.00	0.00	0.02	0.52	0.80
25.0	0.00	0.00	0.06	0.59	0.88
25.5	0.00	0.00	0.07	0.66	0.97
26.0	0.00	0.00	0.07	0.69	1.04
26.5	0.00	0.00	0.08	0.72	1.11

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CANDELA TABULATION - (Cont.)

27.0	0.00	0.00	0.06	0.73	1.12
27.5	0.00	0.00	0.06	0.74	1.13
28.0	0.00	0.00	0.06	0.80	1.16
28.5	0.00	0.00	0.06	0.86	1.21
29.0	0.00	0.00	0.07	0.88	1.24
29.5	0.00	0.00	0.09	0.90	1.27
30.0	0.00	0.00	0.08	0.91	1.29
30.5	0.00	0.00	0.08	0.89	1.26
31.0	0.00	0.00	0.06	0.91	1.30
31.5	0.00	0.00	0.07	0.92	1.32
32.0	0.00	0.00	0.08	0.96	1.37
32.5	0.00	0.00	0.11	1.00	1.44
33.0	0.00	0.00	0.12	1.02	1.47
33.5	0.00	0.00	0.12	1.00	1.50
34.0	0.00	0.00	0.11	1.00	1.52
34.5	0.00	0.00	0.13	1.02	1.57
35.0	0.00	0.00	0.12	1.03	1.58
35.5	0.00	0.00	0.14	1.07	1.64
36.0	0.00	0.00	0.15	1.07	1.67
36.5	0.00	0.00	0.15	1.07	1.68
37.0	0.00	0.00	0.15	1.06	1.69
37.5	0.00	0.00	0.17	1.08	1.70
38.0	0.00	0.00	0.18	1.07	1.76
38.5	0.00	0.00	0.18	1.08	1.76
39.0	0.00	0.00	0.14	1.12	1.80
39.5	0.00	0.00	0.13	1.12	1.81
40.0	0.00	0.00	0.12	1.12	1.82
40.5	0.00	0.00	0.10	1.13	1.83
41.0	0.00	0.00	0.10	1.14	1.83
41.5	0.00	0.00	0.09	1.16	1.85
42.0	0.00	0.00	0.09	1.17	1.87
42.5	0.00	0.00	0.09	1.17	1.89
43.0	0.00	0.00	0.09	1.17	1.91
43.5	0.00	0.00	0.08	1.18	1.92
44.0	0.00	0.00	0.09	1.17	1.93
44.5	0.00	0.00	0.08	1.18	1.96
45.0	0.00	0.00	0.08	1.17	1.99
45.5	0.00	0.00	0.08	1.18	2.01
46.0	0.00	0.00	0.09	1.18	2.04
46.5	0.00	0.01	0.09	1.18	2.08
47.0	0.00	0.01	0.10	1.18	2.10
47.5	0.01	0.03	0.15	1.18	2.15
48.0	0.05	0.07	0.16	1.18	2.18
48.5	0.12	0.12	0.19	1.19	2.21
49.0	0.18	0.18	0.23	1.19	2.26
49.5	0.24	0.23	0.26	1.20	2.31
50.0	0.30	0.28	0.29	1.20	2.33
50.5	0.36	0.35	0.33	1.20	2.39
51.0	0.41	0.40	0.36	1.21	2.42
51.5	0.48	0.46	0.39	1.21	2.45
52.0	0.54	0.51	0.42	1.22	2.50
52.5	0.60	0.56	0.45	1.24	2.53
53.0	0.65	0.62	0.49	1.25	2.56
53.5	0.71	0.67	0.52	1.25	2.60
54.0	0.78	0.73	0.56	1.26	2.64
54.5	0.84	0.78	0.59	1.27	2.67

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CANDELA TABULATION - (Cont.)

55.0	0.91	0.85	0.63	1.28	2.73
55.5	0.96	0.90	0.65	1.27	2.76
56.0	1.03	0.96	0.69	1.28	2.79
56.5	1.09	1.01	0.72	1.28	2.81
57.0	1.16	1.07	0.76	1.28	2.84
57.5	1.22	1.13	0.79	1.27	2.86
58.0	1.28	1.19	0.83	1.28	2.90
58.5	1.35	1.25	0.86	1.27	2.93
59.0	1.43	1.30	0.89	1.26	2.95
59.5	1.49	1.37	0.94	1.25	2.99
60.0	1.56	1.43	0.98	1.25	3.04
60.5	1.64	1.49	1.02	1.24	3.07
61.0	1.71	1.54	1.06	1.22	3.10
61.5	1.77	1.61	1.10	1.21	3.13
62.0	1.84	1.67	1.13	1.19	3.15
62.5	1.91	1.72	1.17	1.18	3.18
63.0	1.99	1.78	1.21	1.18	3.21
63.5	2.06	1.85	1.25	1.18	3.22
64.0	2.13	1.91	1.29	1.17	3.23
64.5	2.19	1.97	1.33	1.17	3.25
65.0	2.26	2.04	1.37	1.17	3.27
65.5	2.36	2.10	1.42	1.16	3.29
66.0	2.43	2.16	1.47	1.15	3.31
66.5	2.50	2.24	1.51	1.15	3.31
67.0	2.59	2.30	1.57	1.16	3.33
67.5	2.66	2.38	1.61	1.15	3.34
68.0	2.76	2.45	1.66	1.16	3.36
68.5	2.84	2.51	1.71	1.16	3.36
69.0	2.91	2.59	1.77	1.16	3.35
69.5	2.99	2.66	1.81	1.16	3.36
70.0	3.08	2.73	1.87	1.17	3.38
70.5	3.16	2.80	1.93	1.17	3.40
71.0	3.25	2.88	1.99	1.17	3.42
71.5	3.35	2.95	2.05	1.18	3.42
72.0	3.44	3.04	2.11	1.18	3.44
72.5	3.53	3.13	2.18	1.18	3.44
73.0	3.64	3.20	2.25	1.19	3.44
73.5	3.72	3.28	2.32	1.20	3.43
74.0	3.82	3.37	2.39	1.21	3.42
74.5	3.92	3.45	2.46	1.22	3.40
75.0	4.03	3.53	2.54	1.24	3.40
75.5	4.12	3.63	2.62	1.26	3.37
76.0	4.23	3.72	2.70	1.28	3.36
76.5	4.32	3.81	2.78	1.31	3.35
77.0	4.42	3.90	2.87	1.33	3.33
77.5	4.53	3.99	2.96	1.37	3.33
78.0	4.62	4.09	3.05	1.41	3.33
78.5	4.72	4.18	3.15	1.45	3.30
79.0	4.83	4.28	3.26	1.49	3.27
79.5	4.94	4.37	3.36	1.54	3.21
80.0	5.03	4.47	3.46	1.60	3.13
80.5	5.15	4.57	3.57	1.65	3.04
81.0	5.22	4.66	3.69	1.72	2.93
81.5	5.32	4.77	3.81	1.79	2.80
82.0	5.43	4.86	3.93	1.86	2.65
82.5	5.52	4.97	4.05	1.95	2.48

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CANDELA TABULATION - (Cont.)

83.0	5.62	5.07	4.18	2.05	2.24
83.5	5.70	5.17	4.30	2.16	2.05
84.0	5.79	5.28	4.45	2.27	1.88
84.5	5.88	5.38	4.58	2.40	1.69
85.0	5.97	5.49	4.73	2.53	1.51
85.5	6.07	5.60	4.88	2.68	1.35
86.0	6.13	5.69	5.04	2.85	1.21
86.5	6.22	5.81	5.20	3.04	1.07
87.0	6.29	5.92	5.35	3.25	0.97
87.5	6.38	6.02	5.54	3.47	0.88
88.0	6.46	6.13	5.71	3.71	0.83
88.5	6.54	6.24	5.89	3.98	0.80
89.0	6.60	6.35	6.08	4.24	0.79
89.5	6.67	6.44	6.26	4.58	0.89
90.0	6.74	6.56	6.46	4.90	1.11
90.5	6.79	6.68	6.66	5.23	1.40
91.0	6.86	6.78	6.87	5.62	1.78
91.5	6.92	6.90	7.09	6.02	2.29
92.0	6.99	7.00	7.32	6.44	2.92
92.5	7.06	7.12	7.56	6.89	3.69
93.0	7.11	7.23	7.80	7.37	4.60
93.5	7.18	7.34	8.05	7.88	5.62
94.0	7.24	7.46	8.30	8.41	6.72
94.5	7.28	7.58	8.56	8.99	7.89
95.0	7.35	7.70	8.83	9.55	9.15
95.5	7.41	7.84	9.12	10.17	10.45
96.0	7.50	7.97	9.38	10.84	11.89
96.5	7.56	8.09	9.69	11.50	13.38
97.0	7.64	8.21	10.00	12.24	14.87
97.5	7.72	8.36	10.30	12.99	16.46
98.0	7.79	8.52	10.64	13.74	18.13
98.5	7.86	8.67	10.99	14.53	19.81
99.0	7.96	8.83	11.35	15.37	21.51
99.5	8.06	8.99	11.69	16.23	23.27
100.0	8.15	9.16	12.06	17.10	25.00
100.5	8.29	9.35	12.46	18.04	26.82
101.0	8.42	9.52	12.86	18.93	28.75
101.5	8.52	9.72	13.28	19.94	30.62
102.0	8.69	9.91	13.71	20.92	32.51
102.5	8.82	10.14	14.18	21.95	34.50
103.0	8.99	10.37	14.64	22.98	36.48
103.5	9.15	10.61	15.11	24.08	38.50
104.0	9.36	10.86	15.61	25.16	40.60
104.5	9.56	11.12	16.15	26.24	42.57
105.0	9.76	11.41	16.69	27.40	44.64
105.5	9.99	11.73	17.26	28.58	46.70
106.0	10.23	12.04	17.82	29.77	48.77
106.5	10.49	12.37	18.43	30.99	50.79
107.0	10.80	12.71	19.04	32.22	52.93
107.5	11.07	13.10	19.67	33.46	55.01
108.0	11.42	13.49	20.31	34.69	57.24
108.5	11.76	13.90	20.99	36.01	59.40
109.0	12.09	14.32	21.73	37.27	61.66
109.5	12.48	14.77	22.44	38.65	63.74
110.0	12.90	15.23	23.15	39.96	65.73
110.5	13.27	15.72	23.96	41.37	67.96

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CANDELA TABULATION - (Cont.)

111.0	13.71	16.24	24.74	42.74	70.05
111.5	14.18	16.76	25.56	44.25	72.12
112.0	14.64	17.34	26.40	45.74	74.20
112.5	15.12	17.91	27.25	47.26	76.18
113.0	15.62	18.50	28.16	48.71	78.18
113.5	16.20	19.12	29.07	50.28	80.21
114.0	16.78	19.73	30.03	51.91	82.36
114.5	17.33	20.43	31.03	53.58	84.45
115.0	17.87	21.13	32.07	55.14	86.70
115.5	18.49	21.84	33.14	56.96	88.72
116.0	19.12	22.62	34.23	58.73	90.91
116.5	19.79	23.34	35.43	60.53	92.61
117.0	20.45	24.14	36.58	62.39	95.15
117.5	21.12	25.04	37.77	64.23	97.13
118.0	21.89	25.78	39.01	66.19	99.25
118.5	22.71	26.80	40.39	68.21	101.40
119.0	23.49	27.70	41.73	70.31	103.80
119.5	24.22	28.53	43.04	72.31	106.00
120.0	25.10	29.49	44.50	74.58	108.30
120.5	25.93	30.58	46.08	76.77	110.70
121.0	26.87	31.55	47.71	78.94	113.40
121.5	27.85	32.64	49.21	81.33	115.90
122.0	28.79	33.85	50.96	83.74	118.40
122.5	29.79	35.00	52.64	86.07	121.00
123.0	30.82	36.25	54.43	88.69	123.60
123.5	31.95	37.48	56.31	91.29	126.70
124.0	33.10	38.85	58.22	94.18	129.20
124.5	34.26	40.30	60.23	96.92	131.90
125.0	35.52	41.75	62.30	99.62	135.00
125.5	36.90	43.20	64.50	102.60	138.00
126.0	38.21	44.80	66.80	105.70	141.20
126.5	39.66	46.53	69.20	109.00	144.20
127.0	41.19	48.30	71.53	112.20	147.50
127.5	42.70	50.10	74.18	115.50	150.80
128.0	44.36	51.93	76.84	119.00	154.40
128.5	46.07	54.01	79.55	122.60	157.80
129.0	47.86	56.05	82.46	126.50	161.30
129.5	49.79	58.20	85.21	130.30	164.80
130.0	51.81	60.52	88.41	134.20	168.30
130.5	53.87	62.86	91.74	138.40	172.00
131.0	56.03	65.43	95.06	142.50	176.00
131.5	58.24	67.98	98.51	146.90	179.90
132.0	60.71	70.65	102.00	151.30	184.40
132.5	63.29	73.56	105.80	155.60	188.80
133.0	65.89	76.39	109.70	160.40	192.40
133.5	68.65	79.57	113.70	165.20	196.60
134.0	71.68	82.67	117.90	170.40	201.10
134.5	74.69	86.07	122.30	175.40	205.80
135.0	77.96	89.62	126.70	180.80	210.50
135.5	81.42	93.30	131.60	186.20	215.50
136.0	84.89	97.12	136.50	191.80	219.90
136.5	88.37	101.20	141.70	197.40	225.10
137.0	91.97	105.40	146.90	202.90	230.10
137.5	96.03	109.60	152.00	209.00	235.10
138.0	100.20	114.10	157.70	214.80	240.00
138.5	104.80	119.00	163.30	220.90	245.50

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CANDELA TABULATION - (Cont.)

139.0	109.20	123.80	169.40	227.20	251.20
139.5	113.80	129.00	175.40	233.00	256.30
140.0	118.60	134.30	181.80	239.50	261.80
140.5	123.70	139.50	187.90	245.60	267.00
141.0	129.00	145.30	194.50	251.90	272.20
141.5	134.70	151.30	201.10	258.40	278.30
142.0	140.40	157.80	207.70	265.00	283.60
142.5	146.40	164.20	215.00	271.80	289.50
143.0	152.50	170.30	221.80	278.10	295.20
143.5	158.60	177.10	229.30	284.80	300.60
144.0	165.50	183.80	236.00	291.70	306.50
144.5	172.10	190.80	243.40	298.20	311.90
145.0	179.20	198.20	251.10	304.80	317.70
145.5	186.90	205.40	258.70	311.20	322.60
146.0	194.30	213.10	266.50	317.80	328.20
146.5	201.50	221.00	274.20	324.10	333.80
147.0	209.50	228.80	281.40	330.30	339.70
147.5	217.30	236.60	289.40	336.70	344.20
148.0	225.70	244.90	297.50	343.50	349.70
148.5	234.10	253.30	305.40	349.20	354.90
149.0	242.80	261.60	312.30	355.50	359.90
149.5	251.90	270.30	320.40	361.70	365.30
150.0	261.00	279.10	328.30	367.40	370.30
150.5	269.40	288.00	335.80	373.40	374.40
151.0	278.70	296.50	343.80	378.90	379.30
151.5	287.80	305.30	351.40	384.90	384.00
152.0	297.30	313.90	359.10	389.90	389.40
152.5	306.70	323.20	366.20	395.30	392.80
153.0	315.60	331.60	373.10	400.30	397.50
153.5	325.50	340.00	380.30	404.90	401.90
154.0	334.50	348.60	387.20	410.50	406.00
154.5	343.30	357.40	393.50	415.20	409.50
155.0	352.50	365.50	400.50	419.40	413.00
155.5	361.30	373.90	406.40	424.00	417.00
156.0	369.40	382.00	412.70	428.00	420.70
156.5	378.70	389.50	417.90	432.10	424.20
157.0	387.40	397.10	424.30	436.40	428.00
157.5	395.50	404.80	430.40	439.80	432.50
158.0	403.10	412.10	435.30	443.10	434.80
158.5	411.20	419.30	440.10	447.00	437.60
159.0	419.40	426.30	445.40	450.30	441.00
159.5	427.50	432.90	450.00	453.20	444.40
160.0	434.20	439.20	454.80	456.10	447.40
160.5	441.40	445.20	458.60	458.90	449.80
161.0	447.70	451.40	463.10	462.10	452.50
161.5	453.70	456.40	466.50	464.70	454.10
162.0	459.20	461.60	470.20	467.20	457.00
162.5	465.30	466.20	473.30	469.70	458.00
163.0	470.90	470.30	476.30	472.40	461.60
163.5	475.70	474.20	479.60	474.50	463.60
164.0	480.80	478.60	481.70	475.60	466.70
164.5	484.40	482.50	484.60	477.50	467.80
165.0	488.40	485.90	486.20	479.00	469.00
165.5	491.40	489.10	488.40	481.00	471.30
166.0	494.90	492.50	490.40	482.30	472.80
166.5	498.00	493.70	492.90	484.20	474.40

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CANDELA TABULATION - (Cont.)

167.0	501.10	496.40	494.20	485.40	476.20
167.5	503.30	497.60	495.20	486.20	476.50
168.0	505.30	499.70	496.20	487.50	478.60
168.5	507.10	501.00	497.20	489.10	479.90
169.0	508.90	502.40	497.60	490.40	481.90
169.5	508.10	503.50	498.90	490.80	482.10
170.0	509.20	504.20	498.80	491.80	484.00
170.5	510.50	504.70	499.80	492.60	485.70
171.0	510.90	504.90	499.90	492.80	485.60
171.5	511.80	505.50	500.50	493.80	487.90
172.0	511.60	504.80	501.10	494.50	488.30
172.5	510.40	504.90	501.30	494.40	490.10
173.0	511.40	504.50	500.90	495.30	491.10
173.5	510.10	504.00	501.20	496.00	491.20
174.0	509.20	504.20	500.70	496.90	491.50
174.5	508.60	503.60	500.20	497.30	493.20
175.0	508.70	503.60	499.70	496.80	494.00
175.5	507.90	503.10	499.60	497.20	494.00
176.0	506.20	502.00	499.90	497.60	493.50
176.5	507.00	501.30	499.60	497.70	494.10
177.0	505.90	500.80	499.70	498.40	495.20
177.5	505.50	500.40	499.20	497.70	495.40
178.0	505.50	500.30	499.30	498.00	495.90
178.5	505.20	500.30	499.10	498.50	496.00
179.0	504.60	500.40	499.60	497.90	495.90
179.5	503.80	499.20	499.40	498.90	495.10
180.0	499.70	499.70	499.70	499.70	499.70

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	0.02	N.A.	0.00
0-30	0.15	N.A.	0.00
0-40	0.46	N.A.	0.10
0-60	1.94	N.A.	0.30
0-80	6.73	N.A.	0.90
0-90	11.34	N.A.	1.50
10-90	11.34	N.A.	1.50
20-40	0.44	N.A.	0.10
20-50	0.90	N.A.	0.10
40-70	3.32	N.A.	0.40
60-80	4.79	N.A.	0.60
70-80	2.95	N.A.	0.40
80-90	4.61	N.A.	0.60
90-110	31.86	N.A.	4.10
90-120	72.04	N.A.	9.30
90-130	137.62	N.A.	17.80
90-150	399.73	N.A.	51.70
90-180	761.12	N.A.	98.50
110-180	729.26	N.A.	94.40
0-180	772.46	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	0.00
10-20	0.02
20-30	0.13
30-40	0.31
40-50	0.46
50-60	1.02
60-70	1.84
70-80	2.95
80-90	4.61
90-100	9.72
100-110	22.13
110-120	40.19
120-130	65.58
130-140	105.68
140-150	156.43
150-160	178.56
160-170	135.12
170-180	47.71

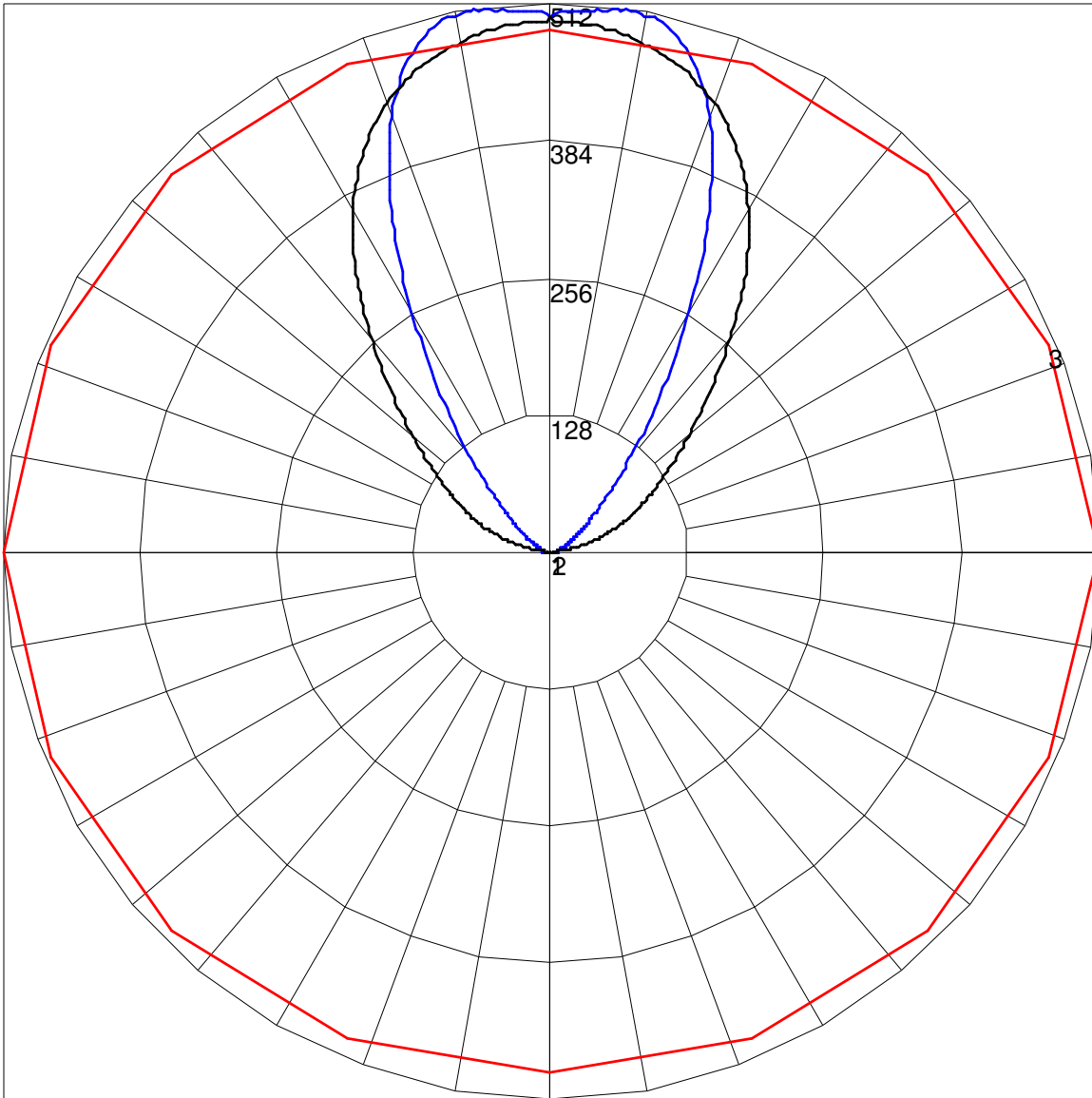
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	96	96	96	96	82	82	82	82	56	56	56	33	33	33	12	12	12	1
1	87	83	79	76	74	71	68	65	49	47	45	28	27	27	10	9	9	1
2	79	72	66	61	67	62	57	53	42	40	37	25	23	22	8	8	7	0
3	72	63	56	51	61	54	49	44	37	34	31	22	20	18	7	7	6	0
4	65	55	48	43	56	48	42	37	33	29	26	19	17	16	6	6	5	0
5	60	49	42	36	51	42	36	31	29	25	22	17	15	13	6	5	4	0
6	55	44	36	31	47	38	31	27	26	22	19	15	13	11	5	4	4	0
7	50	39	32	27	43	34	28	23	23	19	16	14	11	10	5	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	27	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 = 511.8 Located At Horizontal Angle = 0, Vertical Angle = 171.5

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 (171.5) (Through Max. Cd.)