

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 Revised 12/8/2017 Rev. B
 [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	Direct
Spacing Criterion (0-180)	0.96
Spacing Criterion (90-270)	1.14
Spacing Criterion (Diagonal)	1.04
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	5414	9392	20435
55	2661	5068	15699
65	1503	2991	13065
75	969	1891	9984
85	925	1325	4215

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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	499.70	499.70	499.70	499.70	499.70
0.5	503.80	499.20	499.40	498.90	495.10
1.0	504.60	500.40	499.60	497.90	495.90
1.5	505.20	500.30	499.10	498.50	496.00
2.0	505.50	500.30	499.30	498.00	495.90
2.5	505.50	500.40	499.20	497.70	495.40
3.0	505.90	500.80	499.70	498.40	495.20
3.5	507.00	501.30	499.60	497.70	494.10
4.0	506.20	502.00	499.90	497.60	493.50
4.5	507.90	503.10	499.60	497.20	494.00
5.0	508.70	503.60	499.70	496.80	494.00
5.5	508.60	503.60	500.20	497.30	493.20
6.0	509.20	504.20	500.70	496.90	491.50
6.5	510.10	504.00	501.20	496.00	491.20
7.0	511.40	504.50	500.90	495.30	491.10
7.5	510.40	504.90	501.30	494.40	490.10
8.0	511.60	504.80	501.10	494.50	488.30
8.5	511.80	505.50	500.50	493.80	487.90
9.0	510.90	504.90	499.90	492.80	485.60
9.5	510.50	504.70	499.80	492.60	485.70
10.0	509.20	504.20	498.80	491.80	484.00
10.5	508.10	503.50	498.90	490.80	482.10
11.0	508.90	502.40	497.60	490.40	481.90
11.5	507.10	501.00	497.20	489.10	479.90
12.0	505.30	499.70	496.20	487.50	478.60
12.5	503.30	497.60	495.20	486.20	476.50
13.0	501.10	496.40	494.20	485.40	476.20
13.5	498.00	493.70	492.90	484.20	474.40
14.0	494.90	492.50	490.40	482.30	472.80
14.5	491.40	489.10	488.40	481.00	471.30
15.0	488.40	485.90	486.20	479.00	469.00
15.5	484.40	482.50	484.60	477.50	467.80
16.0	480.80	478.60	481.70	475.60	466.70
16.5	475.70	474.20	479.60	474.50	463.60
17.0	470.90	470.30	476.30	472.40	461.60
17.5	465.30	466.20	473.30	469.70	458.00
18.0	459.20	461.60	470.20	467.20	457.00
18.5	453.70	456.40	466.50	464.70	454.10
19.0	447.70	451.40	463.10	462.10	452.50
19.5	441.40	445.20	458.60	458.90	449.80
20.0	434.20	439.20	454.80	456.10	447.40
20.5	427.50	432.90	450.00	453.20	444.40
21.0	419.40	426.30	445.40	450.30	441.00
21.5	411.20	419.30	440.10	447.00	437.60
22.0	403.10	412.10	435.30	443.10	434.80
22.5	395.50	404.80	430.40	439.80	432.50
23.0	387.40	397.10	424.30	436.40	428.00
23.5	378.70	389.50	417.90	432.10	424.20
24.0	369.40	382.00	412.70	428.00	420.70
24.5	361.30	373.90	406.40	424.00	417.00
25.0	352.50	365.50	400.50	419.40	413.00
25.5	343.30	357.40	393.50	415.20	409.50
26.0	334.50	348.60	387.20	410.50	406.00
26.5	325.50	340.00	380.30	404.90	401.90

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CANDELA TABULATION - (Cont.)

27.0	315.60	331.60	373.10	400.30	397.50
27.5	306.70	323.20	366.20	395.30	392.80
28.0	297.30	313.90	359.10	389.90	389.40
28.5	287.80	305.30	351.40	384.90	384.00
29.0	278.70	296.50	343.80	378.90	379.30
29.5	269.40	288.00	335.80	373.40	374.40
30.0	261.00	279.10	328.30	367.40	370.30
30.5	251.90	270.30	320.40	361.70	365.30
31.0	242.80	261.60	312.30	355.50	359.90
31.5	234.10	253.30	305.40	349.20	354.90
32.0	225.70	244.90	297.50	343.50	349.70
32.5	217.30	236.60	289.40	336.70	344.20
33.0	209.50	228.80	281.40	330.30	339.70
33.5	201.50	221.00	274.20	324.10	333.80
34.0	194.30	213.10	266.50	317.80	328.20
34.5	186.90	205.40	258.70	311.20	322.60
35.0	179.20	198.20	251.10	304.80	317.70
35.5	172.10	190.80	243.40	298.20	311.90
36.0	165.50	183.80	236.00	291.70	306.50
36.5	158.60	177.10	229.30	284.80	300.60
37.0	152.50	170.30	221.80	278.10	295.20
37.5	146.40	164.20	215.00	271.80	289.50
38.0	140.40	157.80	207.70	265.00	283.60
38.5	134.70	151.30	201.10	258.40	278.30
39.0	129.00	145.30	194.50	251.90	272.20
39.5	123.70	139.50	187.90	245.60	267.00
40.0	118.60	134.30	181.80	239.50	261.80
40.5	113.80	129.00	175.40	233.00	256.30
41.0	109.20	123.80	169.40	227.20	251.20
41.5	104.80	119.00	163.30	220.90	245.50
42.0	100.20	114.10	157.70	214.80	240.00
42.5	96.03	109.60	152.00	209.00	235.10
43.0	91.97	105.40	146.90	202.90	230.10
43.5	88.37	101.20	141.70	197.40	225.10
44.0	84.89	97.12	136.50	191.80	219.90
44.5	81.42	93.30	131.60	186.20	215.50
45.0	77.96	89.62	126.70	180.80	210.50
45.5	74.69	86.07	122.30	175.40	205.80
46.0	71.68	82.67	117.90	170.40	201.10
46.5	68.65	79.57	113.70	165.20	196.60
47.0	65.89	76.39	109.70	160.40	192.40
47.5	63.29	73.56	105.80	155.60	188.80
48.0	60.71	70.65	102.00	151.30	184.40
48.5	58.24	67.98	98.51	146.90	179.90
49.0	56.03	65.43	95.06	142.50	176.00
49.5	53.87	62.86	91.74	138.40	172.00
50.0	51.81	60.52	88.41	134.20	168.30
50.5	49.79	58.20	85.21	130.30	164.80
51.0	47.86	56.05	82.46	126.50	161.30
51.5	46.07	54.01	79.55	122.60	157.80
52.0	44.36	51.93	76.84	119.00	154.40
52.5	42.70	50.10	74.18	115.50	150.80
53.0	41.19	48.30	71.53	112.20	147.50
53.5	39.66	46.53	69.20	109.00	144.20
54.0	38.21	44.80	66.80	105.70	141.20
54.5	36.90	43.20	64.50	102.60	138.00

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CANDELA TABULATION - (Cont.)

55.0	35.52	41.75	62.30	99.62	135.00
55.5	34.26	40.30	60.23	96.92	131.90
56.0	33.10	38.85	58.22	94.18	129.20
56.5	31.95	37.48	56.31	91.29	126.70
57.0	30.82	36.25	54.43	88.69	123.60
57.5	29.79	35.00	52.64	86.07	121.00
58.0	28.79	33.85	50.96	83.74	118.40
58.5	27.85	32.64	49.21	81.33	115.90
59.0	26.87	31.55	47.71	78.94	113.40
59.5	25.93	30.58	46.08	76.77	110.70
60.0	25.10	29.49	44.50	74.58	108.30
60.5	24.22	28.53	43.04	72.31	106.00
61.0	23.49	27.70	41.73	70.31	103.80
61.5	22.71	26.80	40.39	68.21	101.40
62.0	21.89	25.78	39.01	66.19	99.25
62.5	21.12	25.04	37.77	64.23	97.13
63.0	20.45	24.14	36.58	62.39	95.15
63.5	19.79	23.34	35.43	60.53	92.61
64.0	19.12	22.62	34.23	58.73	90.91
64.5	18.49	21.84	33.14	56.96	88.72
65.0	17.87	21.13	32.07	55.14	86.70
65.5	17.33	20.43	31.03	53.58	84.45
66.0	16.78	19.73	30.03	51.91	82.36
66.5	16.20	19.12	29.07	50.28	80.21
67.0	15.62	18.50	28.16	48.71	78.18
67.5	15.12	17.91	27.25	47.26	76.18
68.0	14.64	17.34	26.40	45.74	74.20
68.5	14.18	16.76	25.56	44.25	72.12
69.0	13.71	16.24	24.74	42.74	70.05
69.5	13.27	15.72	23.96	41.37	67.96
70.0	12.90	15.23	23.15	39.96	65.73
70.5	12.48	14.77	22.44	38.65	63.74
71.0	12.09	14.32	21.73	37.27	61.66
71.5	11.76	13.90	20.99	36.01	59.40
72.0	11.42	13.49	20.31	34.69	57.24
72.5	11.07	13.10	19.67	33.46	55.01
73.0	10.80	12.71	19.04	32.22	52.93
73.5	10.49	12.37	18.43	30.99	50.79
74.0	10.23	12.04	17.82	29.77	48.77
74.5	9.99	11.73	17.26	28.58	46.70
75.0	9.76	11.41	16.69	27.40	44.64
75.5	9.56	11.12	16.15	26.24	42.57
76.0	9.36	10.86	15.61	25.16	40.60
76.5	9.15	10.61	15.11	24.08	38.50
77.0	8.99	10.37	14.64	22.98	36.48
77.5	8.82	10.14	14.18	21.95	34.50
78.0	8.69	9.91	13.71	20.92	32.51
78.5	8.52	9.72	13.28	19.94	30.62
79.0	8.42	9.52	12.86	18.93	28.75
79.5	8.29	9.35	12.46	18.04	26.82
80.0	8.15	9.16	12.06	17.10	25.00
80.5	8.06	8.99	11.69	16.23	23.27
81.0	7.96	8.83	11.35	15.37	21.51
81.5	7.86	8.67	10.99	14.53	19.81
82.0	7.79	8.52	10.64	13.74	18.13
82.5	7.72	8.36	10.30	12.99	16.46

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CANDELA TABULATION - (Cont.)

83.0	7.64	8.21	10.00	12.24	14.87
83.5	7.56	8.09	9.69	11.50	13.38
84.0	7.50	7.97	9.38	10.84	11.89
84.5	7.41	7.84	9.12	10.17	10.45
85.0	7.35	7.70	8.83	9.55	9.15
85.5	7.28	7.58	8.56	8.99	7.89
86.0	7.24	7.46	8.30	8.41	6.72
86.5	7.18	7.34	8.05	7.88	5.62
87.0	7.11	7.23	7.80	7.37	4.60
87.5	7.06	7.12	7.56	6.89	3.69
88.0	6.99	7.00	7.32	6.44	2.92
88.5	6.92	6.90	7.09	6.02	2.29
89.0	6.86	6.78	6.87	5.62	1.78
89.5	6.79	6.68	6.66	5.23	1.40
90.0	6.74	6.56	6.46	4.90	1.11
90.5	6.67	6.44	6.26	4.58	0.89
91.0	6.60	6.35	6.08	4.24	0.79
91.5	6.54	6.24	5.89	3.98	0.80
92.0	6.46	6.13	5.71	3.71	0.83
92.5	6.38	6.02	5.54	3.47	0.88
93.0	6.29	5.92	5.35	3.25	0.97
93.5	6.22	5.81	5.20	3.04	1.07
94.0	6.13	5.69	5.04	2.85	1.21
94.5	6.07	5.60	4.88	2.68	1.35
95.0	5.97	5.49	4.73	2.53	1.51
95.5	5.88	5.38	4.58	2.40	1.69
96.0	5.79	5.28	4.45	2.27	1.88
96.5	5.70	5.17	4.30	2.16	2.05
97.0	5.62	5.07	4.18	2.05	2.24
97.5	5.52	4.97	4.05	1.95	2.48
98.0	5.43	4.86	3.93	1.86	2.65
98.5	5.32	4.77	3.81	1.79	2.80
99.0	5.22	4.66	3.69	1.72	2.93
99.5	5.15	4.57	3.57	1.65	3.04
100.0	5.03	4.47	3.46	1.60	3.13
100.5	4.94	4.37	3.36	1.54	3.21
101.0	4.83	4.28	3.26	1.49	3.27
101.5	4.72	4.18	3.15	1.45	3.30
102.0	4.62	4.09	3.05	1.41	3.33
102.5	4.53	3.99	2.96	1.37	3.33
103.0	4.42	3.90	2.87	1.33	3.33
103.5	4.32	3.81	2.78	1.31	3.35
104.0	4.23	3.72	2.70	1.28	3.36
104.5	4.12	3.63	2.62	1.26	3.37
105.0	4.03	3.53	2.54	1.24	3.40
105.5	3.92	3.45	2.46	1.22	3.40
106.0	3.82	3.37	2.39	1.21	3.42
106.5	3.72	3.28	2.32	1.20	3.43
107.0	3.64	3.20	2.25	1.19	3.44
107.5	3.53	3.13	2.18	1.18	3.44
108.0	3.44	3.04	2.11	1.18	3.44
108.5	3.35	2.95	2.05	1.18	3.42
109.0	3.25	2.88	1.99	1.17	3.42
109.5	3.16	2.80	1.93	1.17	3.40
110.0	3.08	2.73	1.87	1.17	3.38
110.5	2.99	2.66	1.81	1.16	3.36

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CANDELA TABULATION - (Cont.)

111.0	2.91	2.59	1.77	1.16	3.35
111.5	2.84	2.51	1.71	1.16	3.36
112.0	2.76	2.45	1.66	1.16	3.36
112.5	2.66	2.38	1.61	1.15	3.34
113.0	2.59	2.30	1.57	1.16	3.33
113.5	2.50	2.24	1.51	1.15	3.31
114.0	2.43	2.16	1.47	1.15	3.31
114.5	2.36	2.10	1.42	1.16	3.29
115.0	2.26	2.04	1.37	1.17	3.27
115.5	2.19	1.97	1.33	1.17	3.25
116.0	2.13	1.91	1.29	1.17	3.23
116.5	2.06	1.85	1.25	1.18	3.22
117.0	1.99	1.78	1.21	1.18	3.21
117.5	1.91	1.72	1.17	1.18	3.18
118.0	1.84	1.67	1.13	1.19	3.15
118.5	1.77	1.61	1.10	1.21	3.13
119.0	1.71	1.54	1.06	1.22	3.10
119.5	1.64	1.49	1.02	1.24	3.07
120.0	1.56	1.43	0.98	1.25	3.04
120.5	1.49	1.37	0.94	1.25	2.99
121.0	1.43	1.30	0.89	1.26	2.95
121.5	1.35	1.25	0.86	1.27	2.93
122.0	1.28	1.19	0.83	1.28	2.90
122.5	1.22	1.13	0.79	1.27	2.86
123.0	1.16	1.07	0.76	1.28	2.84
123.5	1.09	1.01	0.72	1.28	2.81
124.0	1.03	0.96	0.69	1.28	2.79
124.5	0.96	0.90	0.65	1.27	2.76
125.0	0.91	0.85	0.63	1.28	2.73
125.5	0.84	0.78	0.59	1.27	2.67
126.0	0.78	0.73	0.56	1.26	2.64
126.5	0.71	0.67	0.52	1.25	2.60
127.0	0.65	0.62	0.49	1.25	2.56
127.5	0.60	0.56	0.45	1.24	2.53
128.0	0.54	0.51	0.42	1.22	2.50
128.5	0.48	0.46	0.39	1.21	2.45
129.0	0.41	0.40	0.36	1.21	2.42
129.5	0.36	0.35	0.33	1.20	2.39
130.0	0.30	0.28	0.29	1.20	2.33
130.5	0.24	0.23	0.26	1.20	2.31
131.0	0.18	0.18	0.23	1.19	2.26
131.5	0.12	0.12	0.19	1.19	2.21
132.0	0.05	0.07	0.16	1.18	2.18
132.5	0.01	0.03	0.15	1.18	2.15
133.0	0.00	0.01	0.10	1.18	2.10
133.5	0.00	0.01	0.09	1.18	2.08
134.0	0.00	0.00	0.09	1.18	2.04
134.5	0.00	0.00	0.08	1.18	2.01
135.0	0.00	0.00	0.08	1.17	1.99
135.5	0.00	0.00	0.08	1.18	1.96
136.0	0.00	0.00	0.09	1.17	1.93
136.5	0.00	0.00	0.08	1.18	1.92
137.0	0.00	0.00	0.09	1.17	1.91
137.5	0.00	0.00	0.09	1.17	1.89
138.0	0.00	0.00	0.09	1.17	1.87
138.5	0.00	0.00	0.09	1.16	1.85

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CANDELA TABULATION - (Cont.)

139.0	0.00	0.00	0.10	1.14	1.83
139.5	0.00	0.00	0.10	1.13	1.83
140.0	0.00	0.00	0.12	1.12	1.82
140.5	0.00	0.00	0.13	1.12	1.81
141.0	0.00	0.00	0.14	1.12	1.80
141.5	0.00	0.00	0.18	1.08	1.76
142.0	0.00	0.00	0.18	1.07	1.76
142.5	0.00	0.00	0.17	1.08	1.70
143.0	0.00	0.00	0.15	1.06	1.69
143.5	0.00	0.00	0.15	1.07	1.68
144.0	0.00	0.00	0.15	1.07	1.67
144.5	0.00	0.00	0.14	1.07	1.64
145.0	0.00	0.00	0.12	1.03	1.58
145.5	0.00	0.00	0.13	1.02	1.57
146.0	0.00	0.00	0.11	1.00	1.52
146.5	0.00	0.00	0.12	1.00	1.50
147.0	0.00	0.00	0.12	1.02	1.47
147.5	0.00	0.00	0.11	1.00	1.44
148.0	0.00	0.00	0.08	0.96	1.37
148.5	0.00	0.00	0.07	0.92	1.32
149.0	0.00	0.00	0.06	0.91	1.30
149.5	0.00	0.00	0.08	0.89	1.26
150.0	0.00	0.00	0.08	0.91	1.29
150.5	0.00	0.00	0.09	0.90	1.27
151.0	0.00	0.00	0.07	0.88	1.24
151.5	0.00	0.00	0.06	0.86	1.21
152.0	0.00	0.00	0.06	0.80	1.16
152.5	0.00	0.00	0.06	0.74	1.13
153.0	0.00	0.00	0.06	0.73	1.12
153.5	0.00	0.00	0.08	0.72	1.11
154.0	0.00	0.00	0.07	0.69	1.04
154.5	0.00	0.00	0.07	0.66	0.97
155.0	0.00	0.00	0.06	0.59	0.88
155.5	0.00	0.00	0.02	0.52	0.80
156.0	0.00	0.00	0.01	0.46	0.76
156.5	0.00	0.00	0.00	0.47	0.73
157.0	0.00	0.00	0.00	0.48	0.72
157.5	0.00	0.00	0.00	0.49	0.69
158.0	0.00	0.00	0.00	0.46	0.63
158.5	0.00	0.00	0.00	0.41	0.58
159.0	0.00	0.00	0.00	0.36	0.53
159.5	0.00	0.00	0.00	0.31	0.51
160.0	0.00	0.00	0.00	0.29	0.46
160.5	0.00	0.00	0.00	0.34	0.46
161.0	0.00	0.00	0.00	0.38	0.48
161.5	0.00	0.00	0.00	0.34	0.49
162.0	0.00	0.00	0.00	0.22	0.36
162.5	0.00	0.00	0.00	0.22	0.32
163.0	0.00	0.00	0.00	0.22	0.31
163.5	0.00	0.00	0.00	0.24	0.32
164.0	0.00	0.00	0.00	0.23	0.34
164.5	0.00	0.00	0.00	0.18	0.29
165.0	0.00	0.00	0.00	0.11	0.20
165.5	0.00	0.00	0.00	0.10	0.18
166.0	0.00	0.00	0.00	0.10	0.18
166.5	0.00	0.00	0.00	0.09	0.18

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	0.00	0.00	0.00	0.09	0.18
167.5	0.00	0.00	0.00	0.08	0.19
168.0	0.00	0.00	0.00	0.04	0.14
168.5	0.00	0.00	0.00	0.00	0.00
169.0	0.00	0.00	0.00	0.00	0.00
169.5	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00
170.5	0.00	0.00	0.00	0.00	0.00
171.0	0.00	0.00	0.00	0.00	0.00
171.5	0.00	0.00	0.00	0.00	0.00
172.0	0.00	0.00	0.00	0.00	0.00
172.5	0.00	0.00	0.00	0.00	0.00
173.0	0.00	0.00	0.00	0.00	0.00
173.5	0.00	0.00	0.00	0.00	0.00
174.0	0.00	0.00	0.00	0.00	0.00
174.5	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00
175.5	0.00	0.00	0.00	0.00	0.00
176.0	0.00	0.00	0.00	0.00	0.00
176.5	0.00	0.00	0.00	0.00	0.00
177.0	0.00	0.00	0.00	0.00	0.00
177.5	0.00	0.00	0.00	0.00	0.00
178.0	0.00	0.00	0.00	0.00	0.00
178.5	0.00	0.00	0.00	0.00	0.00
179.0	0.00	0.00	0.00	0.00	0.00
179.5	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	182.83	N.A.	23.70
0-30	361.38	N.A.	46.80
0-40	517.82	N.A.	67.00
0-60	689.07	N.A.	89.20
0-80	751.39	N.A.	97.30
0-90	761.12	N.A.	98.50
10-90	713.41	N.A.	92.40
20-40	334.99	N.A.	43.40
20-50	440.66	N.A.	57.00
40-70	211.45	N.A.	27.40
60-80	62.32	N.A.	8.10
70-80	22.13	N.A.	2.90
80-90	9.72	N.A.	1.30
90-110	7.56	N.A.	1.00
90-120	9.40	N.A.	1.20
90-130	10.42	N.A.	1.30
90-150	11.19	N.A.	1.40
90-180	11.34	N.A.	1.50
110-180	3.78	N.A.	0.50
0-180	772.46	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

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

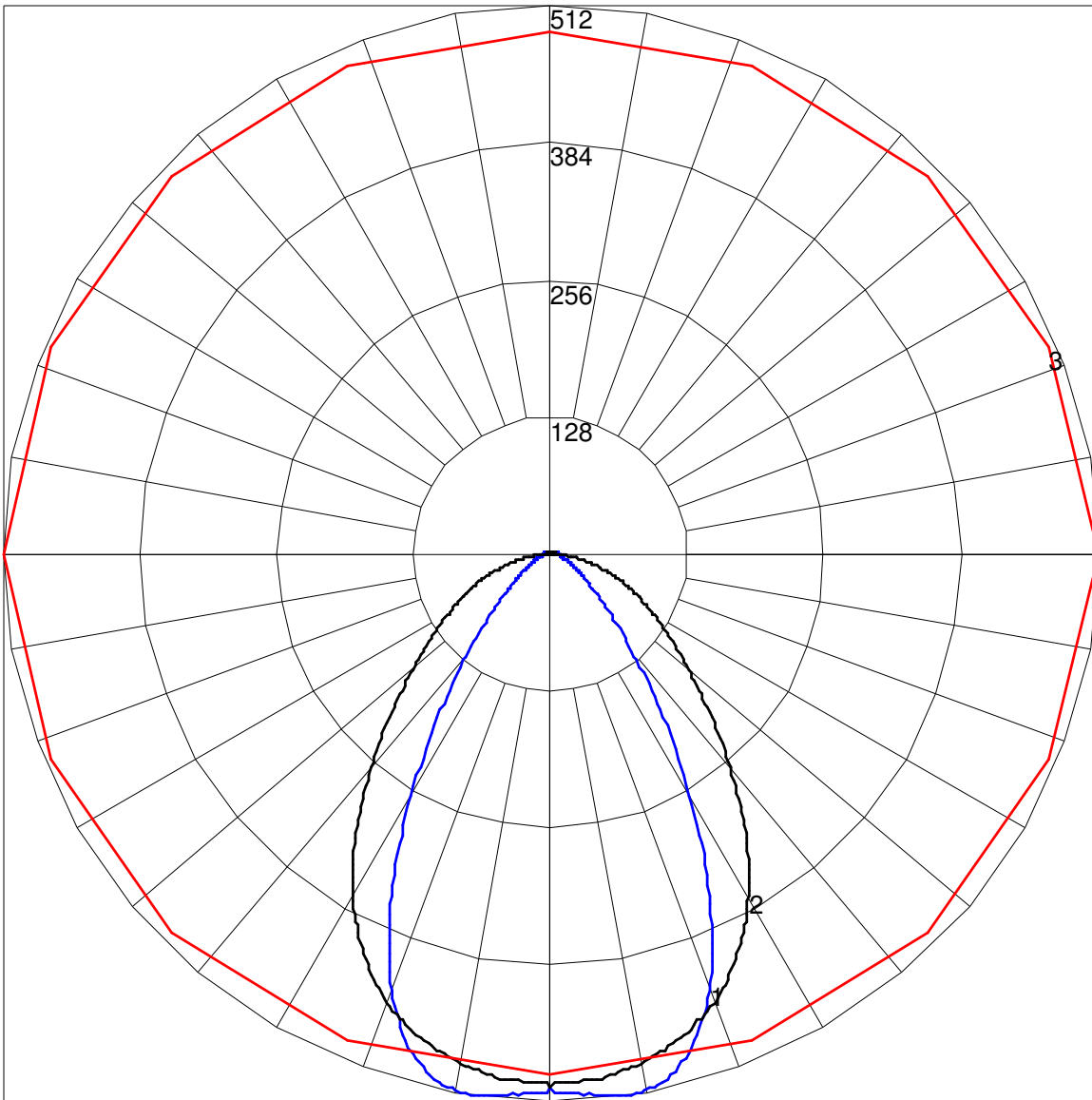
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	99
1	111	107	104	101	108	105	102	99	100	98	95	96	94	92	92	91	89	87
2	103	97	91	87	101	95	90	85	91	87	83	88	84	81	85	82	79	77
3	96	87	81	76	94	86	80	75	83	78	73	80	76	72	77	74	71	69
4	90	80	72	67	87	78	72	66	76	70	65	73	69	65	71	67	64	62
5	84	73	65	60	82	72	65	60	70	64	59	68	62	58	66	61	58	56
6	78	67	60	54	76	66	59	54	64	58	53	63	57	53	61	56	52	51
7	73	62	55	49	72	61	54	49	60	53	49	58	53	48	57	52	48	46
8	69	57	50	45	68	57	50	45	55	49	45	54	49	44	53	48	44	42
9	65	54	46	42	64	53	46	41	52	46	41	51	45	41	50	44	41	39
10	62	50	43	38	60	49	43	38	48	42	38	47	42	38	47	41	38	36

POLAR GRAPH



Maximum Candela = 511.8 Located At Horizontal Angle = 0, Vertical Angle = 8.5

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 (8.5) (Through Max. Cd.)