

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6S-60115-00-UNVE9-35-LG.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 1015
 [UL TEST] 11750395.13
 [ECN] 3074
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 5/5/2017 Revised 12/8/2017 Rev. B
 [MANUFAC] Tempo LLC
 [LUMCAT] C6S-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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6S-60115-00-UNVE9-35-LG.IES

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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6S-60115-00-UNVE9-35-LG.IES

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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6S-60115-00-UNVE9-35-LG.IES

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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6S-60115-00-UNVE9-35-LG.IES

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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6S-60115-00-UNVE9-35-LG.IES

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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6S-60115-00-UNVE9-35-LG.IES

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
PHOTOMETRIC FILENAME : C6S-60115-00-UNVE9-35-LG.IES

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

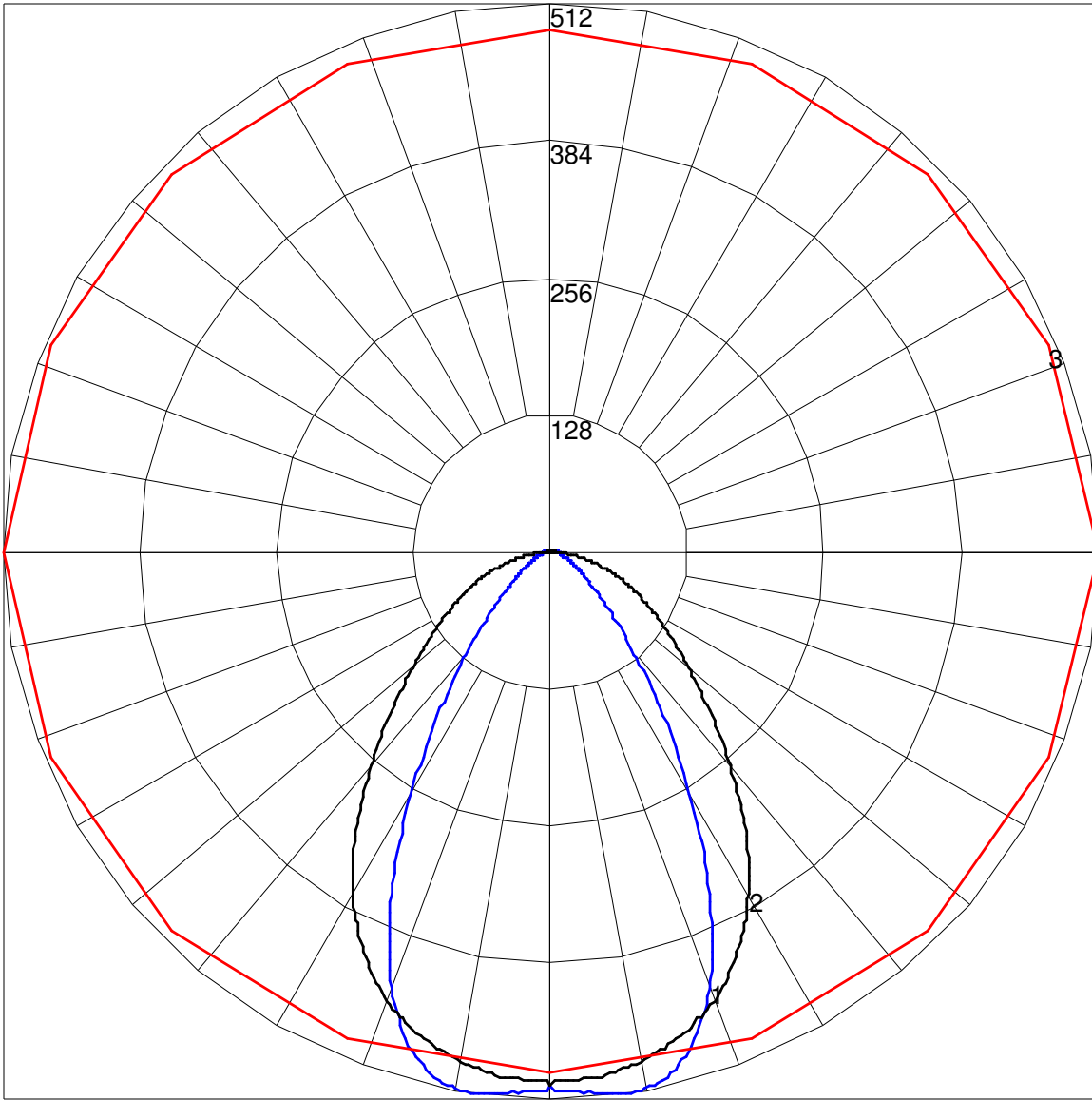
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	10	0
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.)