

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6R-60115-00-UNVE5-35-LG.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 1004
 [UL TEST] 11750395.05
 [ECN] 3056
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 5/5/2017 Revised 12/8/2017 Rev. B
 [MANUFAC] Tempo LLC
 [LUMCAT] C6R-60115-00-UNVE5-35-LG
 [LUMINAIRE] Light gray aluminum housing with lightly frosted lens
 [LAMP] Sixteen (16) white LEDs (3500K) with 60 deg x 115 deg optic
 [ELECTRICALS] 120.06 VAC, 0.0398 A, 0.9903 PF, 12.0% ATHD

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	421
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	89
Total Luminaire Watts	4.7415
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.96
Spacing Criterion (90-270)	1.12
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	3123	5380	11048
55	1452	2858	8691
65	775	1630	6953
75	481	997	5363
85	451	675	2151

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6R-60115-00-UNVE5-35-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	277.60	277.60	277.60	277.60	277.60
0.5	280.10	277.80	277.30	277.30	275.50
1.0	280.30	277.90	277.60	277.40	275.30
1.5	280.30	277.80	277.40	277.30	275.40
2.0	280.60	277.70	277.30	277.20	275.10
2.5	280.40	277.90	277.40	277.10	275.20
3.0	280.20	277.60	277.10	276.70	274.80
3.5	280.20	277.60	277.20	276.10	274.90
4.0	280.60	277.50	277.20	276.70	274.80
4.5	280.30	277.40	276.90	276.40	274.40
5.0	280.00	277.20	276.80	275.80	273.90
5.5	279.80	277.40	276.10	275.90	273.50
6.0	279.60	276.80	276.20	275.60	273.30
6.5	279.00	276.20	275.90	275.30	272.80
7.0	279.10	276.30	275.40	274.60	272.10
7.5	278.60	276.10	275.20	274.10	272.10
8.0	278.00	275.20	274.80	273.40	271.30
8.5	277.00	274.40	274.20	273.10	271.00
9.0	276.00	273.80	273.80	272.80	270.20
9.5	275.60	273.40	273.20	272.30	269.40
10.0	275.10	272.50	272.40	271.30	269.00
10.5	273.80	271.50	271.30	270.90	268.50
11.0	272.50	270.60	270.70	270.20	267.80
11.5	270.90	269.60	269.90	269.50	266.70
12.0	269.60	268.10	268.90	268.50	266.00
12.5	268.60	266.70	267.60	268.00	265.20
13.0	266.60	265.30	266.70	266.70	264.10
13.5	264.60	263.90	265.50	265.70	263.10
14.0	263.00	262.10	264.20	264.80	262.30
14.5	260.70	260.10	262.80	263.60	261.30
15.0	258.70	258.30	261.30	262.60	260.00
15.5	256.30	256.40	259.90	261.40	258.80
16.0	253.40	254.10	258.20	259.90	258.30
16.5	251.60	252.20	256.50	259.00	256.60
17.0	248.90	249.40	255.00	257.60	255.70
17.5	246.10	247.20	253.10	256.10	254.40
18.0	242.80	244.70	250.90	254.30	252.90
18.5	240.00	242.00	248.70	253.10	251.60
19.0	237.10	238.80	246.40	251.10	250.30
19.5	233.50	236.10	244.00	249.40	248.40
20.0	229.90	232.90	241.90	248.00	247.20
20.5	226.80	230.10	239.10	245.80	245.30
21.0	223.10	226.50	236.80	243.90	243.60
21.5	219.70	223.20	234.10	242.00	241.60
22.0	215.70	219.80	231.20	239.80	240.00
22.5	211.60	216.20	228.30	237.80	238.30
23.0	207.90	212.80	225.60	235.60	236.40
23.5	203.70	208.80	222.60	232.90	234.10
24.0	199.50	205.10	219.60	230.80	232.10
24.5	195.50	201.20	216.20	228.30	230.10
25.0	191.20	197.20	213.10	225.70	228.10
25.5	186.90	193.30	209.70	223.20	225.60
26.0	182.40	189.40	206.20	220.80	223.20
26.5	178.10	184.90	203.00	217.90	221.10

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6R-60115-00-UNVE5-35-LG.IES

CANDELA TABULATION - (Cont.)

27.0	173.30	180.90	199.40	215.10	218.40
27.5	169.00	176.50	195.60	212.10	215.90
28.0	164.60	172.40	192.00	209.50	213.40
28.5	160.00	168.10	188.50	206.40	210.70
29.0	155.60	163.70	184.80	203.40	208.30
29.5	151.00	159.40	180.90	200.30	205.60
30.0	146.10	155.20	176.90	197.20	202.70
30.5	142.00	150.80	173.20	193.70	200.30
31.0	137.20	146.40	169.50	190.60	197.10
31.5	132.80	142.30	165.30	187.20	194.50
32.0	128.40	137.70	161.60	183.90	191.40
32.5	124.10	133.60	157.60	180.60	188.60
33.0	120.20	129.40	153.70	177.00	185.50
33.5	115.70	125.30	149.80	173.60	182.50
34.0	111.70	121.10	146.00	170.20	179.60
34.5	107.40	117.00	142.00	166.80	176.50
35.0	103.50	113.00	138.30	163.20	173.00
35.5	99.95	109.10	134.50	159.80	170.20
36.0	96.36	105.40	130.80	156.30	167.10
36.5	92.71	101.70	127.00	152.80	164.20
37.0	89.07	97.91	123.30	149.50	161.00
37.5	85.50	94.41	119.50	145.90	157.90
38.0	82.28	91.01	115.90	142.50	154.40
38.5	78.99	87.56	112.30	139.00	151.20
39.0	75.81	84.40	108.90	135.80	148.40
39.5	72.70	81.34	105.50	132.40	145.40
40.0	69.71	78.06	102.20	129.10	142.30
40.5	66.76	75.08	98.99	125.90	139.60
41.0	64.05	72.13	95.85	122.50	136.40
41.5	61.31	69.29	92.67	119.40	133.40
42.0	58.70	66.49	89.60	116.20	130.50
42.5	56.20	63.79	86.50	113.10	127.30
43.0	53.70	61.20	83.69	109.90	124.70
43.5	51.41	58.73	80.80	107.00	122.10
44.0	49.27	56.40	77.98	103.80	119.50
44.5	47.09	54.06	75.21	101.10	116.60
45.0	44.97	51.84	72.58	98.37	113.80
45.5	43.09	49.73	70.01	95.59	111.70
46.0	41.19	47.65	67.61	93.00	109.20
46.5	39.41	45.66	65.17	90.38	106.80
47.0	37.71	43.80	62.77	87.85	104.40
47.5	36.12	41.97	60.50	85.43	102.10
48.0	34.56	40.28	58.39	82.90	100.00
48.5	33.10	38.69	56.23	80.53	97.71
49.0	31.71	37.08	54.28	78.22	95.77
49.5	30.38	35.61	52.31	75.96	93.72
50.0	29.13	34.14	50.45	73.73	91.96
50.5	27.89	32.78	48.59	71.60	90.01
51.0	26.78	31.50	46.90	69.52	88.31
51.5	25.71	30.25	45.24	67.60	86.47
52.0	24.66	29.08	43.62	65.68	84.68
52.5	23.67	27.94	42.02	63.74	82.99
53.0	22.73	26.85	40.53	62.02	81.14
53.5	21.87	25.84	39.12	60.26	79.64
54.0	20.94	24.84	37.76	58.57	77.94
54.5	20.15	23.93	36.40	56.78	76.42

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6R-60115-00-UNVE5-35-LG.IES

CANDELA TABULATION - (Cont.)

55.0	19.38	23.05	35.13	55.24	74.73
55.5	18.60	22.16	33.90	53.70	73.11
56.0	17.89	21.37	32.73	52.17	71.63
56.5	17.25	20.55	31.57	50.69	70.08
57.0	16.57	19.79	30.48	49.27	68.51
57.5	15.97	19.10	29.40	47.88	66.95
58.0	15.38	18.41	28.43	46.53	65.35
58.5	14.78	17.72	27.46	45.17	63.93
59.0	14.26	17.06	26.47	43.82	62.51
59.5	13.76	16.50	25.61	42.61	60.99
60.0	13.25	15.84	24.67	41.33	59.44
60.5	12.74	15.31	23.84	40.10	58.06
61.0	12.36	14.82	23.07	39.01	56.72
61.5	11.92	14.25	22.26	37.78	55.32
62.0	11.42	13.76	21.51	36.64	53.91
62.5	11.16	13.30	20.77	35.56	52.52
63.0	10.63	12.81	20.07	34.47	51.22
63.5	10.24	12.37	19.36	33.42	49.95
64.0	9.90	11.95	18.71	32.42	48.59
64.5	9.55	11.53	18.07	31.39	47.36
65.0	9.21	11.14	17.48	30.40	46.14
65.5	8.88	10.75	16.88	29.46	45.00
66.0	8.58	10.36	16.31	28.52	43.79
66.5	8.28	10.02	15.75	27.64	42.58
67.0	7.99	9.68	15.23	26.73	41.51
67.5	7.73	9.35	14.71	25.89	40.34
68.0	7.47	9.02	14.20	25.05	39.21
68.5	7.21	8.71	13.74	24.23	38.13
69.0	6.98	8.42	13.28	23.41	37.06
69.5	6.73	8.15	12.82	22.63	35.95
70.0	6.51	7.89	12.39	21.85	34.88
70.5	6.32	7.63	11.97	21.11	33.79
71.0	6.10	7.40	11.57	20.37	32.74
71.5	5.92	7.16	11.18	19.64	31.63
72.0	5.73	6.93	10.81	18.92	30.58
72.5	5.56	6.73	10.42	18.22	29.51
73.0	5.39	6.51	10.09	17.54	28.36
73.5	5.24	6.32	9.74	16.86	27.28
74.0	5.11	6.15	9.42	16.17	26.22
74.5	4.97	5.98	9.10	15.55	25.03
75.0	4.84	5.82	8.80	14.88	23.98
75.5	4.73	5.65	8.48	14.26	22.90
76.0	4.62	5.51	8.21	13.63	21.83
76.5	4.51	5.38	7.93	13.01	20.75
77.0	4.43	5.24	7.65	12.44	19.68
77.5	4.34	5.11	7.41	11.81	18.63
78.0	4.25	5.00	7.16	11.27	17.55
78.5	4.19	4.89	6.92	10.73	16.52
79.0	4.11	4.79	6.69	10.18	15.54
79.5	4.05	4.69	6.47	9.65	14.49
80.0	3.99	4.59	6.26	9.14	13.50
80.5	3.93	4.50	6.06	8.67	12.49
81.0	3.88	4.42	5.86	8.17	11.53
81.5	3.84	4.34	5.67	7.71	10.61
82.0	3.79	4.26	5.49	7.28	9.71
82.5	3.75	4.19	5.31	6.86	8.80

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6R-60115-00-UNVE5-35-LG.IES

CANDELA TABULATION - (Cont.)

83.0	3.71	4.12	5.13	6.46	7.90
83.5	3.68	4.04	4.96	6.07	7.06
84.0	3.64	3.97	4.81	5.70	6.22
84.5	3.61	3.91	4.66	5.33	5.43
85.0	3.58	3.84	4.50	4.99	4.67
85.5	3.56	3.78	4.36	4.67	3.96
86.0	3.53	3.73	4.23	4.36	3.29
86.5	3.50	3.67	4.08	4.08	2.69
87.0	3.47	3.61	3.95	3.79	2.12
87.5	3.45	3.56	3.81	3.54	1.61
88.0	3.42	3.49	3.70	3.29	1.17
88.5	3.39	3.44	3.58	3.05	0.81
89.0	3.37	3.39	3.46	2.83	0.52
89.5	3.35	3.33	3.34	2.62	0.35
90.0	3.31	3.28	3.23	2.43	0.26
90.5	3.28	3.23	3.13	2.24	0.22
91.0	3.26	3.16	3.03	2.08	0.24
91.5	3.22	3.12	2.93	1.93	0.28
92.0	3.19	3.07	2.83	1.78	0.31
92.5	3.16	3.01	2.73	1.66	0.38
93.0	3.12	2.96	2.64	1.54	0.45
93.5	3.07	2.90	2.56	1.42	0.53
94.0	3.04	2.85	2.48	1.32	0.63
94.5	3.00	2.79	2.39	1.23	0.71
95.0	2.97	2.74	2.31	1.14	0.81
95.5	2.93	2.69	2.23	1.07	0.91
96.0	2.88	2.63	2.16	1.00	0.99
96.5	2.84	2.58	2.09	0.93	1.08
97.0	2.80	2.52	2.01	0.87	1.16
97.5	2.75	2.47	1.95	0.83	1.21
98.0	2.70	2.42	1.88	0.78	1.28
98.5	2.66	2.37	1.82	0.74	1.34
99.0	2.61	2.32	1.76	0.71	1.39
99.5	2.56	2.26	1.70	0.68	1.43
100.0	2.51	2.22	1.64	0.65	1.47
100.5	2.45	2.16	1.59	0.63	1.50
101.0	2.41	2.11	1.54	0.61	1.54
101.5	2.35	2.06	1.48	0.60	1.57
102.0	2.30	2.01	1.43	0.58	1.60
102.5	2.26	1.96	1.38	0.56	1.63
103.0	2.20	1.90	1.34	0.55	1.67
103.5	2.15	1.86	1.29	0.55	1.69
104.0	2.11	1.81	1.25	0.54	1.71
104.5	2.04	1.76	1.21	0.53	1.73
105.0	1.99	1.71	1.16	0.52	1.75
105.5	1.94	1.67	1.12	0.51	1.77
106.0	1.88	1.62	1.08	0.50	1.78
106.5	1.83	1.58	1.04	0.50	1.78
107.0	1.79	1.53	1.01	0.50	1.79
107.5	1.73	1.49	0.98	0.50	1.79
108.0	1.68	1.45	0.94	0.50	1.78
108.5	1.62	1.40	0.90	0.50	1.78
109.0	1.59	1.36	0.87	0.50	1.78
109.5	1.54	1.31	0.84	0.50	1.77
110.0	1.48	1.27	0.81	0.50	1.76
110.5	1.43	1.24	0.78	0.50	1.75

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6R-60115-00-UNVE5-35-LG.IES

CANDELA TABULATION - (Cont.)

111.0	1.38	1.20	0.75	0.50	1.75
111.5	1.35	1.16	0.73	0.51	1.75
112.0	1.30	1.12	0.70	0.51	1.76
112.5	1.26	1.08	0.67	0.51	1.74
113.0	1.21	1.04	0.64	0.51	1.74
113.5	1.16	1.00	0.62	0.51	1.75
114.0	1.12	0.97	0.60	0.50	1.74
114.5	1.08	0.93	0.57	0.51	1.73
115.0	1.04	0.89	0.55	0.50	1.72
115.5	0.99	0.86	0.53	0.51	1.71
116.0	0.95	0.83	0.50	0.50	1.69
116.5	0.91	0.79	0.48	0.50	1.68
117.0	0.87	0.76	0.46	0.50	1.67
117.5	0.83	0.72	0.44	0.50	1.64
118.0	0.79	0.69	0.42	0.51	1.62
118.5	0.76	0.65	0.40	0.51	1.60
119.0	0.70	0.62	0.38	0.52	1.59
119.5	0.67	0.59	0.36	0.53	1.57
120.0	0.63	0.56	0.34	0.54	1.55
120.5	0.58	0.52	0.31	0.55	1.51
121.0	0.55	0.49	0.30	0.54	1.49
121.5	0.52	0.45	0.27	0.55	1.46
122.0	0.48	0.42	0.25	0.56	1.45
122.5	0.43	0.39	0.23	0.56	1.43
123.0	0.41	0.35	0.22	0.56	1.40
123.5	0.38	0.32	0.20	0.57	1.38
124.0	0.33	0.29	0.18	0.57	1.35
124.5	0.29	0.26	0.15	0.58	1.33
125.0	0.26	0.23	0.14	0.59	1.32
125.5	0.23	0.20	0.12	0.59	1.30
126.0	0.20	0.17	0.10	0.60	1.27
126.5	0.16	0.13	0.08	0.60	1.24
127.0	0.13	0.10	0.07	0.62	1.22
127.5	0.10	0.08	0.05	0.62	1.21
128.0	0.05	0.05	0.04	0.63	1.19
128.5	0.02	0.03	0.02	0.63	1.17
129.0	0.00	0.00	0.02	0.63	1.15
129.5	0.00	0.00	0.01	0.64	1.13
130.0	0.00	0.00	0.00	0.64	1.12
130.5	0.00	0.00	0.00	0.64	1.10
131.0	0.00	0.00	0.00	0.65	1.09
131.5	0.00	0.00	0.00	0.65	1.07
132.0	0.00	0.00	0.00	0.65	1.05
132.5	0.00	0.00	0.00	0.65	1.05
133.0	0.00	0.00	0.00	0.65	1.04
133.5	0.00	0.00	0.00	0.65	1.03
134.0	0.00	0.00	0.00	0.65	1.02
134.5	0.00	0.00	0.00	0.65	1.01
135.0	0.00	0.00	0.00	0.64	1.01
135.5	0.00	0.00	0.00	0.64	1.01
136.0	0.00	0.00	0.00	0.64	1.00
136.5	0.00	0.00	0.00	0.64	0.99
137.0	0.00	0.00	0.00	0.62	0.98
137.5	0.00	0.00	0.00	0.61	0.96
138.0	0.00	0.00	0.00	0.61	0.96
138.5	0.00	0.00	0.00	0.59	0.94

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6R-60115-00-UNVE5-35-LG.IES

CANDELA TABULATION - (Cont.)

139.0	0.00	0.00	0.00	0.59	0.92
139.5	0.00	0.00	0.00	0.57	0.91
140.0	0.00	0.00	0.00	0.56	0.90
140.5	0.00	0.00	0.00	0.54	0.87
141.0	0.00	0.00	0.00	0.53	0.87
141.5	0.00	0.00	0.00	0.53	0.84
142.0	0.00	0.00	0.00	0.51	0.86
142.5	0.00	0.00	0.00	0.49	0.80
143.0	0.00	0.00	0.00	0.46	0.83
143.5	0.00	0.00	0.00	0.49	0.78
144.0	0.00	0.00	0.00	0.47	0.75
144.5	0.00	0.00	0.00	0.47	0.72
145.0	0.00	0.00	0.00	0.44	0.72
145.5	0.00	0.00	0.00	0.43	0.72
146.0	0.00	0.00	0.00	0.41	0.69
146.5	0.00	0.00	0.00	0.41	0.70
147.0	0.00	0.00	0.00	0.40	0.67
147.5	0.00	0.00	0.00	0.37	0.63
148.0	0.00	0.00	0.00	0.34	0.58
148.5	0.00	0.00	0.00	0.29	0.52
149.0	0.00	0.00	0.00	0.25	0.47
149.5	0.00	0.00	0.00	0.26	0.48
150.0	0.00	0.00	0.00	0.24	0.47
150.5	0.00	0.00	0.00	0.25	0.45
151.0	0.00	0.00	0.00	0.22	0.43
151.5	0.00	0.00	0.00	0.21	0.40
152.0	0.00	0.00	0.00	0.18	0.36
152.5	0.00	0.00	0.00	0.16	0.34
153.0	0.00	0.00	0.00	0.15	0.34
153.5	0.00	0.00	0.00	0.15	0.32
154.0	0.00	0.00	0.00	0.14	0.30
154.5	0.00	0.00	0.00	0.13	0.28
155.0	0.00	0.00	0.00	0.10	0.21
155.5	0.00	0.00	0.00	0.05	0.17
156.0	0.00	0.00	0.00	0.02	0.12
156.5	0.00	0.00	0.00	0.01	0.12
157.0	0.00	0.00	0.00	0.01	0.13
157.5	0.00	0.00	0.00	0.00	0.14
158.0	0.00	0.00	0.00	0.00	0.10
158.5	0.00	0.00	0.00	0.00	0.08
159.0	0.00	0.00	0.00	0.00	0.01
159.5	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00
160.5	0.00	0.00	0.00	0.00	0.00
161.0	0.00	0.00	0.00	0.00	0.00
161.5	0.00	0.00	0.00	0.00	0.00
162.0	0.00	0.00	0.00	0.00	0.00
162.5	0.00	0.00	0.00	0.00	0.00
163.0	0.00	0.00	0.00	0.00	0.00
163.5	0.00	0.00	0.00	0.00	0.00
164.0	0.00	0.00	0.00	0.00	0.00
164.5	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00
165.5	0.00	0.00	0.00	0.00	0.00
166.0	0.00	0.00	0.00	0.00	0.00
166.5	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6R-60115-00-UNVE5-35-LG.IES

CANDELA TABULATION - (Cont.)

167.0	0.00	0.00	0.00	0.00	0.00
167.5	0.00	0.00	0.00	0.00	0.00
168.0	0.00	0.00	0.00	0.00	0.00
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	99.21	N.A.	23.60
0-30	195.62	N.A.	46.50
0-40	281.89	N.A.	67.00
0-60	377.22	N.A.	89.60
0-80	410.71	N.A.	97.60
0-90	415.67	N.A.	98.80
10-90	389.40	N.A.	92.50
20-40	182.68	N.A.	43.40
20-50	241.64	N.A.	57.40
40-70	117.08	N.A.	27.80
60-80	33.49	N.A.	8.00
70-80	11.74	N.A.	2.80
80-90	4.96	N.A.	1.20
90-110	3.65	N.A.	0.90
90-120	4.48	N.A.	1.10
90-130	4.88	N.A.	1.20
90-150	5.23	N.A.	1.20
90-180	5.25	N.A.	1.20
110-180	1.60	N.A.	0.40
0-180	420.93	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	26.27
10-20	72.94
20-30	96.41
30-40	86.27
40-50	58.96
50-60	36.37
60-70	21.75
70-80	11.74
80-90	4.96
90-100	2.25
100-110	1.40
110-120	0.83
120-130	0.40
130-140	0.22
140-150	0.12
150-160	0.03
160-170	0.00
170-180	0.00

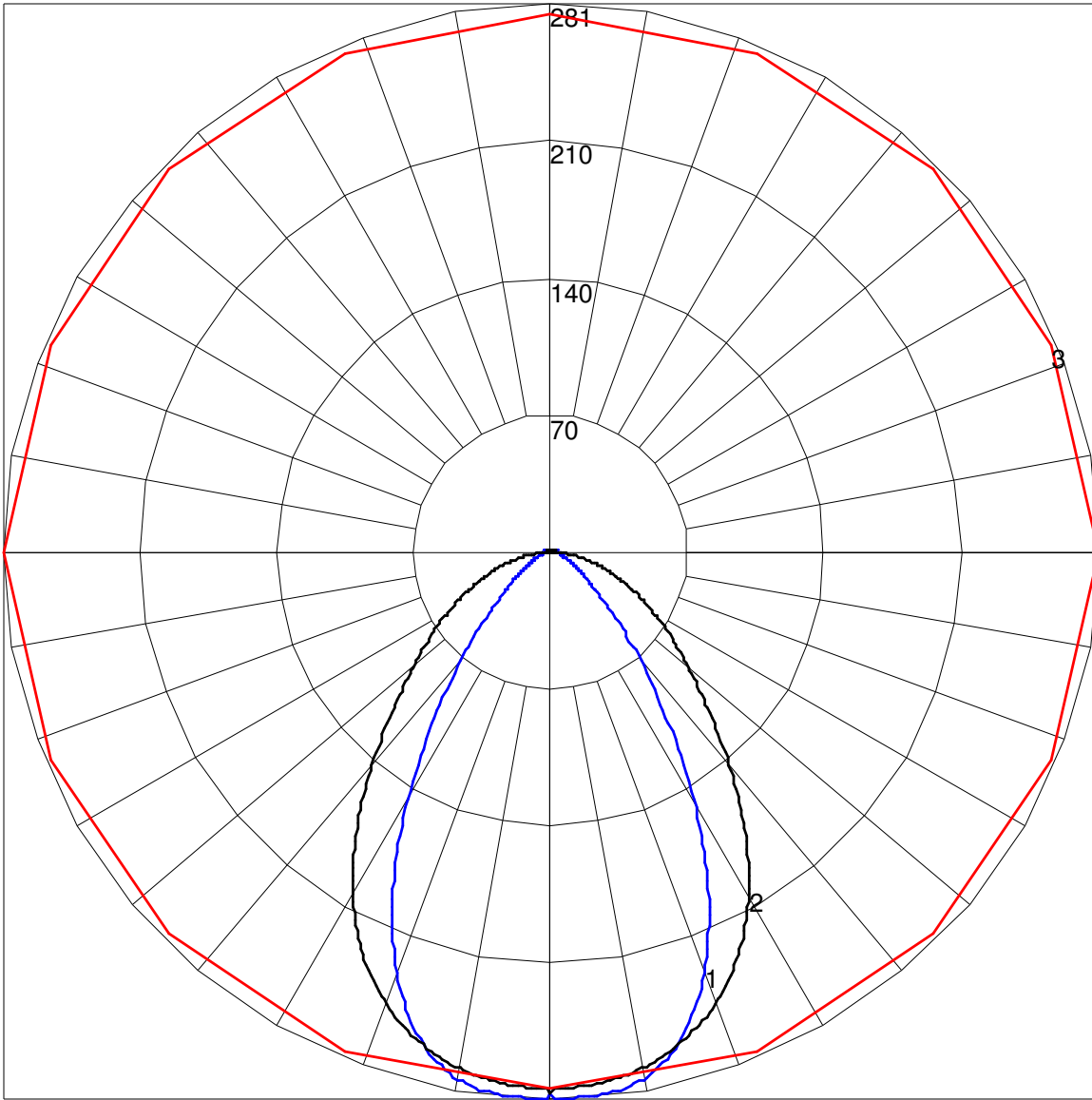
IES INDOOR REPORT
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	110	110	110	105	105	105	101	101	101	99
1	111	107	104	101	108	105	102	99	100	98	96	96	94	92	93	91	90	88
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	74	80	76	72	78	74	71	69
4	89	80	72	67	87	78	72	66	76	70	66	74	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	54	49	72	61	54	49	60	53	49	58	52	48	57	52	48	46
8	69	57	50	45	68	57	50	45	55	49	45	54	48	44	53	48	44	42
9	65	53	46	41	64	53	46	41	52	45	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 = 280.6 Located At Horizontal Angle = 0, Vertical Angle = 2
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 (2) (Through Max. Cd.)