



IES INDOOR REPORT

PHOTOMETRIC FILENAME : C6C-ASY-0-UNVET5-35LG-1.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 4628
[TESTLAB] Tempo LLC
[ISSUE DATE] 9/24/2024 11:46:59 AM
[MANUFAC] Tempo LLC
[LUMCAT] C6C-ASY-0-UNVET5-35LG-1
[LUMINAIRE] Light gray aluminum housing with lens
[LAMP] Sixteen (16) white LEDs (3500K) with asymmetric optics
[ELECTRICALS] 119.89 VAC, 0.0328 A, 0.9568 PF

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	339
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	86
Total Luminaire Watts	3.94
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.64
Spacing Criterion (90-270)	1.10
Spacing Criterion (Diagonal)	0.80
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.08 ft
Luminous Width (90-270)	0.97 ft
Luminous Height	0.02 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	5185	9795	21425
55	3481	6444	15016
65	2449	4088	10777
75	1726	2511	7755
85	1569	2020	4149

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6C-ASY-0-UNVET5-35LG-1.IES

CANDELA TABULATION

	<u>0</u>	<u>5</u>	<u>10</u>	<u>15</u>	<u>20</u>	<u>25</u>	<u>30</u>	<u>35</u>	<u>40</u>	<u>45</u>
0.0	300.89	300.89	300.89	300.89	300.89	300.89	300.89	300.89	300.89	300.89
2.5	311.10	311.63	312.16	311.98	311.79	310.59	309.39	308.75	308.10	307.46
5.0	306.73	307.28	307.82	308.16	308.50	308.08	307.67	307.88	308.09	308.25
7.5	289.89	290.70	291.50	292.85	294.21	295.24	296.27	298.34	300.40	302.05
10.0	263.28	264.46	265.64	268.09	270.53	273.57	276.61	280.87	285.12	289.32
12.5	232.12	233.58	235.04	238.55	242.06	246.65	251.24	257.88	264.52	271.25
15.0	201.19	202.65	204.10	208.24	212.37	218.16	223.94	232.30	240.66	249.98
17.5	172.91	174.51	176.11	180.43	184.74	191.03	197.31	206.75	216.19	227.29
20.0	148.49	150.01	151.51	155.74	159.97	166.42	172.86	182.70	192.53	204.87
22.5	127.35	128.84	130.32	134.49	138.67	144.98	151.29	161.17	171.05	183.74
25.0	109.03	110.53	112.02	116.04	120.06	126.19	132.32	141.91	151.50	164.34
27.5	93.70	95.07	96.44	100.18	103.91	109.75	115.58	124.84	134.09	146.55
30.0	80.70	82.04	83.37	86.79	90.20	95.60	101.00	109.75	118.49	130.50
32.5	69.69	70.91	72.12	75.30	78.47	83.48	88.48	96.53	104.58	115.87
35.0	60.11	61.22	62.33	65.27	68.21	72.90	77.59	84.96	92.32	102.70
37.5	51.95	52.97	53.98	56.64	59.29	63.61	67.91	74.73	81.54	90.86
40.0	45.22	46.05	46.88	49.23	51.58	55.47	59.36	65.56	71.76	80.27
42.5	39.29	40.11	40.93	42.95	44.98	48.37	51.76	57.40	63.03	70.67
45.0	34.39	35.08	35.77	37.51	39.25	42.23	45.21	50.17	55.12	61.95
47.5	30.15	30.70	31.24	32.75	34.26	36.87	39.47	43.82	48.16	54.19
50.0	26.41	26.89	27.36	28.62	29.88	32.12	34.37	38.12	41.87	47.20
52.5	23.13	23.56	23.98	25.03	26.07	27.95	29.81	33.11	36.41	40.99
55.0	20.33	20.65	20.96	21.81	22.65	24.19	25.73	28.55	31.35	35.34
57.5	17.78	18.07	18.36	19.02	19.69	20.93	22.17	24.51	26.85	30.27
60.0	15.57	15.81	16.05	16.57	17.10	18.07	19.04	20.98	22.91	25.79
62.5	13.62	13.84	14.05	14.47	14.89	15.62	16.35	17.88	19.42	21.84
65.0	11.93	12.09	12.25	12.62	12.97	13.50	14.02	15.16	16.30	18.30
67.5	10.37	10.48	10.58	10.87	11.16	11.57	11.98	12.84	13.68	15.22
70.0	8.88	8.98	9.07	9.29	9.51	9.86	10.19	10.83	11.47	12.59
72.5	7.56	7.64	7.71	7.87	8.02	8.27	8.52	9.01	9.49	10.30
75.0	6.48	6.53	6.58	6.71	6.83	6.99	7.14	7.49	7.83	8.37
77.5	5.69	5.70	5.70	5.78	5.85	5.98	6.11	6.26	6.41	6.73
80.0	5.06	5.10	5.13	5.18	5.23	5.30	5.37	5.44	5.51	5.59
82.5	4.47	4.52	4.55	4.60	4.64	4.71	4.78	4.82	4.86	4.83
85.0	3.96	3.96	3.96	4.01	4.05	4.13	4.21	4.24	4.26	4.22
87.5	3.38	3.39	3.40	3.47	3.53	3.62	3.70	3.73	3.74	3.66
90.0	2.87	2.88	2.88	2.95	3.02	3.10	3.18	3.22	3.24	3.14
100.0	1.46	1.44	1.41	1.47	1.53	1.54	1.55	1.52	1.48	1.35
110.0	0.79	0.77	0.74	0.73	0.72	0.64	0.56	0.42	0.27	0.24
120.0	0.16	0.17	0.17	0.17	0.17	0.18	0.19	0.19	0.18	0.20
130.0	0.18	0.16	0.15	0.15	0.15	0.16	0.16	0.17	0.16	0.17
140.0	0.19	0.16	0.14	0.15	0.16	0.15	0.15	0.15	0.14	0.15
150.0	0.14	0.14	0.13	0.12	0.12	0.12	0.12	0.13	0.13	0.13
160.0	0.12	0.11	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.09
170.0	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Angles **Horizontal Angles**

	<u>50</u>	<u>55</u>	<u>60</u>	<u>65</u>	<u>70</u>	<u>75</u>	<u>80</u>	<u>85</u>	<u>90</u>	<u>95</u>
0.0	300.89	300.89	300.89	300.89	300.89	300.89	300.89	300.89	300.89	300.89
2.5	306.81	306.70	306.60	305.27	303.94	302.59	301.23	300.01	298.78	297.42
5.0	308.40	308.55	308.69	307.36	306.03	304.14	302.26	299.89	297.52	294.63
7.5	303.70	305.22	306.74	306.16	305.58	303.70	301.81	298.79	295.77	291.13

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6C-ASY-0-UNVET5-35LG-1.IES

CANDELA TABULATION - (Cont.)

10.0	293.51	297.08	300.64	301.64	302.64	301.12	299.59	295.85	292.10	285.76
12.5	277.99	284.28	290.56	293.57	296.58	296.00	295.42	291.14	286.86	279.04
15.0	259.29	268.34	277.37	282.62	287.87	288.49	289.11	284.63	280.15	270.79
17.5	238.38	249.97	261.54	269.32	277.09	279.08	281.06	276.62	272.19	261.56
20.0	217.20	230.91	244.62	254.59	264.55	268.28	272.02	267.61	263.20	251.42
22.5	196.44	211.66	226.88	238.89	250.90	256.18	261.46	257.13	252.79	240.28
25.0	177.18	192.97	208.75	222.41	236.06	242.70	249.34	245.18	241.01	227.85
27.5	159.01	175.02	191.02	205.63	220.23	227.92	235.60	231.75	227.90	214.51
30.0	142.50	158.08	173.66	188.63	203.60	211.95	220.30	216.84	213.38	200.00
32.5	127.16	142.03	156.90	171.80	186.69	195.35	204.01	200.74	197.47	184.48
35.0	113.08	127.04	141.00	155.28	169.57	178.26	186.95	184.01	181.06	168.78
37.5	100.17	113.03	125.89	139.43	152.98	161.23	169.48	166.85	164.22	152.79
40.0	88.77	100.30	111.82	124.27	136.72	144.67	152.63	150.22	147.80	137.25
42.5	78.31	88.52	98.72	110.14	121.56	128.75	135.94	133.71	131.47	122.16
45.0	68.78	77.89	87.01	96.93	106.85	113.51	120.18	118.15	116.12	107.88
47.5	60.21	68.20	76.19	84.87	93.54	99.34	105.14	103.41	101.69	94.75
50.0	52.52	59.45	66.37	73.99	81.60	86.61	91.62	90.14	88.66	82.85
52.5	45.56	51.58	57.60	64.20	70.80	75.20	79.59	78.32	77.05	72.12
55.0	39.32	44.47	49.61	55.27	60.92	64.74	68.55	67.58	66.61	62.47
57.5	33.68	38.15	42.62	47.44	52.24	55.50	58.76	58.03	57.29	53.92
60.0	28.68	32.49	36.30	40.40	44.51	47.38	50.25	49.68	49.11	46.38
62.5	24.26	27.51	30.75	34.19	37.61	40.15	42.68	42.33	41.99	39.76
65.0	20.29	23.04	25.77	28.71	31.63	33.83	36.02	35.89	35.75	33.91
67.5	16.74	19.08	21.41	23.85	26.28	28.16	30.05	30.07	30.08	28.63
70.0	13.70	15.59	17.48	19.52	21.55	23.17	24.78	24.93	25.06	23.90
72.5	11.11	12.55	13.99	15.68	17.36	18.66	19.95	20.21	20.46	19.57
75.0	8.90	9.90	10.89	12.24	13.58	14.65	15.72	16.00	16.27	15.61
77.5	7.04	7.66	8.27	9.26	10.25	11.11	11.97	12.19	12.41	11.97
80.0	5.66	5.92	6.18	6.76	7.34	7.99	8.63	8.79	8.94	8.72
82.5	4.80	4.74	4.68	4.81	4.94	5.32	5.70	5.82	5.93	5.89
85.0	4.17	4.00	3.82	3.55	3.28	3.29	3.30	3.34	3.38	3.54
87.5	3.58	3.38	3.17	2.82	2.47	2.03	1.58	1.45	1.31	1.66
90.0	3.03	2.82	2.60	2.24	1.87	1.42	0.98	0.63	0.27	0.49
100.0	1.22	0.98	0.74	0.53	0.31	0.30	0.28	0.29	0.29	0.29
110.0	0.21	0.22	0.23	0.23	0.22	0.23	0.24	0.23	0.23	0.23
120.0	0.20	0.21	0.22	0.22	0.21	0.21	0.20	0.22	0.22	0.23
130.0	0.16	0.17	0.18	0.18	0.18	0.18	0.18	0.18	0.17	0.18
140.0	0.16	0.16	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.16
150.0	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.14
160.0	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.09	0.09
170.0	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Angles **Horizontal Angles**

	<u>100</u>	<u>105</u>	<u>110</u>	<u>115</u>	<u>120</u>	<u>125</u>	<u>130</u>	<u>135</u>	<u>140</u>	<u>145</u>
0.0	300.89	300.89	300.89	300.89	300.89	300.89	300.89	300.89	300.89	300.89
2.5	296.04	294.76	293.47	292.50	291.51	289.50	287.49	286.45	285.41	284.57
5.0	291.74	288.68	285.61	282.41	279.20	275.03	270.86	267.73	264.59	261.89
7.5	286.49	281.14	275.79	270.03	264.26	257.57	250.87	245.39	239.90	235.32
10.0	279.42	271.88	264.33	255.95	247.56	238.33	229.10	221.57	214.03	207.65
12.5	271.20	261.21	251.21	240.45	229.69	218.33	206.97	197.82	188.66	181.24
15.0	261.43	249.44	237.44	224.40	211.35	198.39	185.42	175.27	165.11	157.08
17.5	250.93	236.89	222.85	208.07	193.29	179.35	165.40	154.61	143.82	135.77
20.0	239.64	223.99	208.33	192.22	176.12	161.56	147.00	136.21	125.42	117.56
22.5	227.76	210.75	193.73	176.88	160.04	145.22	130.39	119.97	109.55	102.13

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6C-ASY-0-UNVET5-35LG-1.IES

CANDELA TABULATION - (Cont.)

25.0	214.68	197.00	179.32	162.14	144.96	130.48	115.99	106.05	96.10	89.24
27.5	201.11	183.08	165.04	147.95	130.86	117.08	103.28	94.04	84.79	78.43
30.0	186.62	168.81	151.00	134.45	117.90	105.07	92.23	83.66	75.09	69.08
32.5	171.49	154.24	137.00	121.49	105.99	94.31	82.63	74.55	66.47	61.00
35.0	156.49	140.09	123.68	109.47	95.26	84.56	73.86	66.42	58.98	54.10
37.5	141.36	126.25	111.13	98.31	85.49	75.70	65.90	59.19	52.47	48.19
40.0	126.70	113.09	99.48	88.04	76.61	67.69	58.76	52.80	46.84	43.07
42.5	112.84	100.86	88.86	78.62	68.38	60.45	52.51	47.22	41.92	38.69
45.0	99.63	89.39	79.15	70.07	60.99	53.98	46.96	42.35	37.74	34.95
47.5	87.80	78.96	70.12	62.23	54.33	48.13	41.92	37.93	33.93	31.54
50.0	77.02	69.52	62.02	55.09	48.17	42.88	37.59	34.12	30.64	28.56
52.5	67.19	60.92	54.64	48.70	42.75	38.19	33.61	30.63	27.65	25.83
55.0	58.32	53.11	47.89	42.87	37.84	33.93	30.02	27.45	24.89	23.32
57.5	50.54	46.24	41.93	37.68	33.42	30.09	26.76	24.57	22.39	21.05
60.0	43.66	40.10	36.54	32.98	29.41	26.59	23.77	21.93	20.08	18.96
62.5	37.52	34.62	31.72	28.74	25.75	23.41	21.05	19.50	17.95	17.00
65.0	32.07	29.69	27.31	24.86	22.41	20.47	18.52	17.28	16.03	15.23
67.5	27.18	25.21	23.25	21.32	19.39	17.82	16.24	15.25	14.27	13.59
70.0	22.73	21.18	19.63	18.11	16.57	15.41	14.23	13.41	12.58	12.02
72.5	18.67	17.49	16.31	15.19	14.06	13.22	12.37	11.68	10.99	10.52
75.0	14.94	14.12	13.29	12.58	11.87	11.23	10.59	10.07	9.54	9.13
77.5	11.53	11.07	10.60	10.22	9.83	9.39	8.95	8.55	8.15	7.80
80.0	8.49	8.36	8.23	8.10	7.96	7.68	7.39	7.10	6.80	6.54
82.5	5.85	6.01	6.17	6.18	6.18	6.05	5.92	5.75	5.57	5.35
85.0	3.69	4.00	4.31	4.46	4.61	4.57	4.53	4.47	4.42	4.26
87.5	2.00	2.39	2.77	2.99	3.20	3.30	3.38	3.38	3.38	3.26
90.0	0.72	1.07	1.41	1.71	2.00	2.15	2.31	2.35	2.38	2.33
100.0	0.28	0.28	0.27	0.27	0.26	0.24	0.22	0.21	0.20	0.19
110.0	0.24	0.24	0.24	0.24	0.24	0.22	0.20	0.19	0.18	0.19
120.0	0.23	0.24	0.24	0.23	0.21	0.20	0.19	0.19	0.19	0.19
130.0	0.19	0.20	0.20	0.20	0.19	0.19	0.19	0.20	0.20	0.20
140.0	0.16	0.17	0.16	0.17	0.17	0.18	0.18	0.18	0.17	0.18
150.0	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.15	0.16	0.16
160.0	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11
170.0	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.06
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Angles **Horizontal Angles**

	<u>150</u>	<u>155</u>	<u>160</u>	<u>165</u>	<u>170</u>	<u>175</u>	<u>180</u>
0.0	300.89	300.89	300.89	300.89	300.89	300.89	300.89
2.5	283.73	283.71	283.69	283.15	282.60	281.48	280.36
5.0	259.19	257.57	255.95	254.38	252.80	251.37	249.94
7.5	230.73	227.55	224.36	221.86	219.34	217.55	215.74
10.0	201.27	197.00	192.72	189.51	186.29	184.23	182.17
12.5	173.82	168.77	163.72	160.13	156.54	154.56	152.57
15.0	149.04	143.68	138.32	134.66	130.99	129.05	127.11
17.5	127.71	122.42	117.13	113.59	110.05	108.25	106.45
20.0	109.70	104.62	99.54	96.27	92.99	91.44	89.89
22.5	94.71	90.05	85.38	82.37	79.35	77.97	76.58
25.0	82.38	77.98	73.57	70.89	68.21	66.93	65.65
27.5	72.06	67.97	63.86	61.42	58.98	57.84	56.70
30.0	63.07	59.40	55.73	53.62	51.51	50.51	49.51
32.5	55.52	52.28	49.03	47.25	45.47	44.60	43.72
35.0	49.21	46.43	43.64	42.11	40.57	39.87	39.16
37.5	43.91	41.49	39.06	37.78	36.50	35.85	35.20

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6C-ASY-0-UNVET5-35LG-1.IES

CANDELA TABULATION - (Cont.)

40.0	39.30	37.27	35.23	34.15	33.07	32.49	31.91
42.5	35.46	33.69	31.92	31.01	30.09	29.59	29.08
45.0	32.17	30.62	29.06	28.22	27.38	26.98	26.58
47.5	29.14	27.79	26.43	25.71	24.99	24.61	24.22
50.0	26.47	25.29	24.10	23.43	22.75	22.43	22.11
52.5	24.01	22.98	21.94	21.39	20.84	20.58	20.30
55.0	21.74	20.89	20.04	19.56	19.09	18.80	18.51
57.5	19.70	18.93	18.16	17.70	17.24	16.99	16.74
60.0	17.82	17.12	16.41	16.05	15.69	15.47	15.24
62.5	16.06	15.45	14.83	14.53	14.23	14.05	13.87
65.0	14.42	13.91	13.39	13.17	12.95	12.80	12.65
67.5	12.90	12.47	12.03	11.86	11.68	11.55	11.41
70.0	11.45	11.10	10.75	10.58	10.40	10.23	10.05
72.5	10.04	9.75	9.45	9.25	9.04	8.89	8.73
75.0	8.72	8.46	8.19	7.98	7.76	7.61	7.46
77.5	7.44	7.18	6.92	6.74	6.55	6.44	6.33
80.0	6.27	6.03	5.79	5.62	5.45	5.35	5.24
82.5	5.12	4.92	4.72	4.58	4.43	4.39	4.33
85.0	4.09	3.92	3.74	3.65	3.55	3.48	3.41
87.5	3.13	3.00	2.87	2.79	2.70	2.68	2.65
90.0	2.27	2.16	2.05	2.01	1.97	1.94	1.91
100.0	0.18	0.19	0.19	0.20	0.21	0.20	0.18
110.0	0.19	0.17	0.15	0.15	0.16	0.16	0.16
120.0	0.19	0.18	0.17	0.18	0.18	0.20	0.21
130.0	0.19	0.19	0.18	0.19	0.19	0.19	0.18
140.0	0.19	0.18	0.17	0.19	0.20	0.20	0.20
150.0	0.15	0.16	0.17	0.16	0.16	0.16	0.17
160.0	0.12	0.12	0.13	0.12	0.11	0.12	0.12
170.0	0.06	0.06	0.06	0.06	0.06	0.06	0.06
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6C-ASY-0-UNVET5-35LG-1.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	87.26	N.A.	25.80
0-30	156.05	N.A.	46.10
0-40	218.14	N.A.	64.40
0-60	299.69	N.A.	88.50
0-80	331.59	N.A.	97.90
0-90	336.07	N.A.	99.20
10-90	309.55	N.A.	91.40
20-40	130.88	N.A.	38.60
20-50	179.08	N.A.	52.90
40-70	102.36	N.A.	30.20
60-80	31.90	N.A.	9.40
70-80	11.08	N.A.	3.30
80-90	4.49	N.A.	1.30
90-110	2.02	N.A.	0.60
90-120	2.27	N.A.	0.70
90-130	2.44	N.A.	0.70
90-150	2.67	N.A.	0.80
90-180	2.75	N.A.	0.80
110-180	0.73	N.A.	0.20
0-180	338.82	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	26.53
10-20	60.74
20-30	68.79
30-40	62.09
40-50	48.20
50-60	33.35
60-70	20.82
70-80	11.08
80-90	4.49
90-100	1.52
100-110	0.50
110-120	0.25
120-130	0.17
130-140	0.13
140-150	0.10
150-160	0.06
160-170	0.02
170-180	0.00

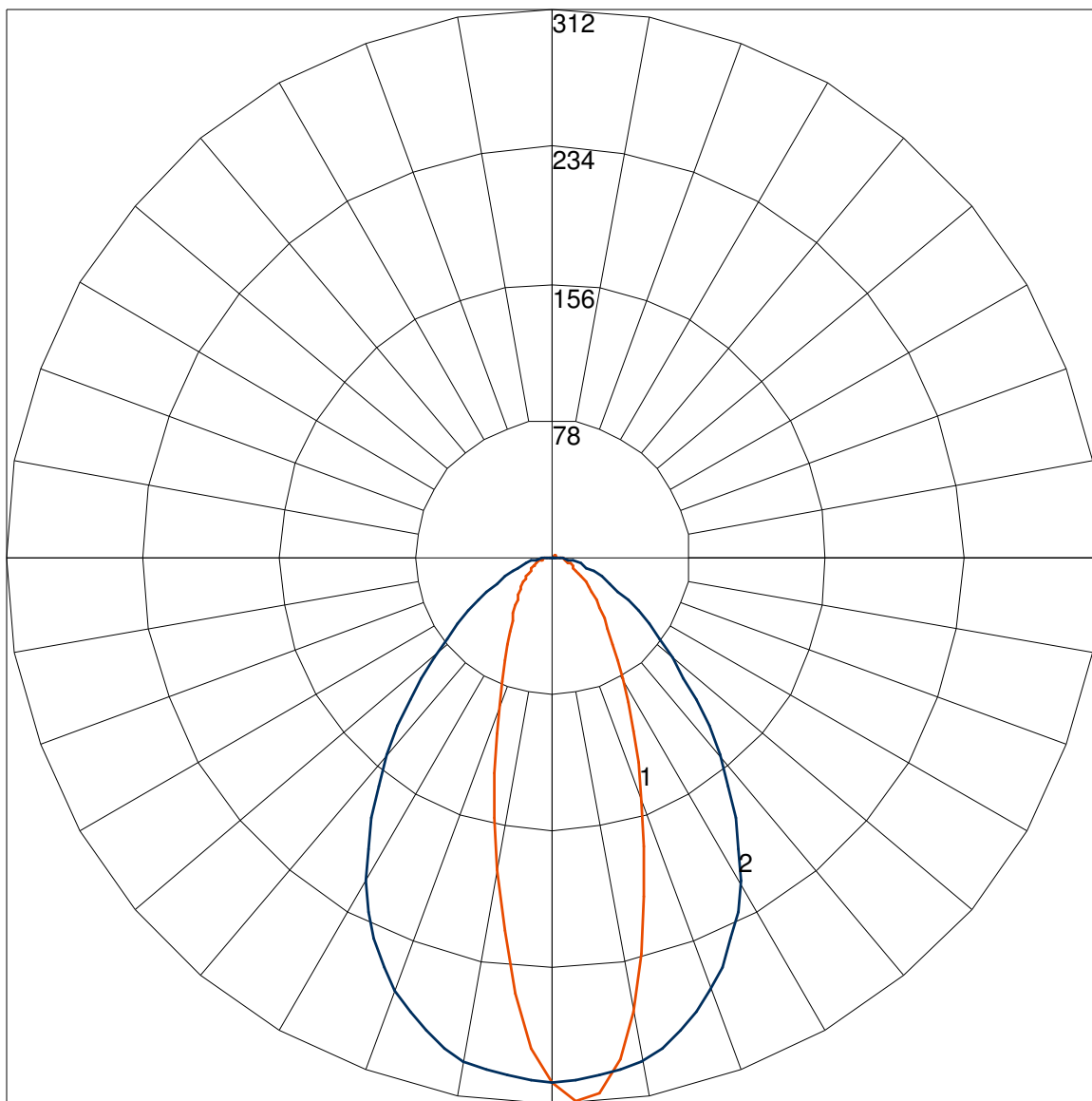
IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6C-ASY-0-UNVET5-35LG-1.IES

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	111	111	111	106	106	106	101	101	101	99
1	111	107	103	100	108	104	101	99	100	98	95	96	94	92	93	91	89	87
2	103	96	91	86	100	94	89	85	91	86	83	87	84	81	84	82	79	77
3	96	87	80	75	93	85	79	74	82	77	73	80	75	72	77	74	70	68
4	89	79	72	66	87	78	71	66	75	70	65	73	68	64	71	67	63	61
5	83	72	65	59	81	71	64	59	69	63	58	67	62	58	66	61	57	55
6	78	67	59	54	76	66	59	53	64	58	53	62	57	53	61	56	52	50
7	73	62	54	49	72	61	54	49	59	53	48	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	42	64	53	46	41	52	46	41	51	45	41	50	45	41	39
10	62	50	43	39	60	50	43	38	49	43	38	48	42	38	47	42	38	36

POLAR GRAPH



Maximum Candela = 312.16 Located At Horizontal Angle = 10, Vertical Angle = 2.5

1 - Vertical Plane Through Horizontal Angles (0 - 180)

2 - Vertical Plane Through Horizontal Angles (90 - 270)