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IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6S00-12-7612-UNVE5-D35S-LG.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 11750395.12
 [ECN] 3074
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 5/5/2017
 [MANUFAC] Tempo Industries Inc
 [LUMCAT] C6S00-12-7612-UNVE5-D35S-LG
 [LUMINAIRE] Gray metal mounting bracket with gray housing and diffuse
 [MORE] plastic lens
 [LAMP] 16 White LEDs
 [BALLAST] Magtech M9-U12-0350
 [OTHER] 24.9 C, 120.068 V, 0.039873 A, 4.7415 W, 0.990399 PF, 59.9983
 [MORE] Hz
 [OTHER] This test was performed using the calibrated photodetector met
 [MORE] hod of absolute photometry.

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	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



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LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	0	0	98
55	19	11	154
65	87	51	259
75	198	131	391
85	374	347	373

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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	0.00	0.00
12.5	0.00	0.00	0.00	0.00	0.00
13.0	0.00	0.00	0.00	0.00	0.00
13.5	0.00	0.00	0.00	0.00	0.00
14.0	0.00	0.00	0.00	0.00	0.00
14.5	0.00	0.00	0.00	0.00	0.00
15.0	0.00	0.00	0.00	0.00	0.00
15.5	0.00	0.00	0.00	0.00	0.00
16.0	0.00	0.00	0.00	0.00	0.00
16.5	0.00	0.00	0.00	0.00	0.00
17.0	0.00	0.00	0.00	0.00	0.00
17.5	0.00	0.00	0.00	0.00	0.00
18.0	0.00	0.00	0.00	0.00	0.00
18.5	0.00	0.00	0.00	0.00	0.00
19.0	0.00	0.00	0.00	0.00	0.00
19.5	0.00	0.00	0.00	0.00	0.00
20.0	0.00	0.00	0.00	0.00	0.00
20.5	0.00	0.00	0.00	0.00	0.00
21.0	0.00	0.00	0.00	0.00	0.01
21.5	0.00	0.00	0.00	0.00	0.08
22.0	0.00	0.00	0.00	0.00	0.10
22.5	0.00	0.00	0.00	0.00	0.14
23.0	0.00	0.00	0.00	0.01	0.13
23.5	0.00	0.00	0.00	0.01	0.12
24.0	0.00	0.00	0.00	0.02	0.12
24.5	0.00	0.00	0.00	0.05	0.17
25.0	0.00	0.00	0.00	0.10	0.21
25.5	0.00	0.00	0.00	0.13	0.28
26.0	0.00	0.00	0.00	0.14	0.30
26.5	0.00	0.00	0.00	0.15	0.32

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CANDELA TABULATION - (Cont.)

27.0	0.00	0.00	0.00	0.15	0.34
27.5	0.00	0.00	0.00	0.16	0.34
28.0	0.00	0.00	0.00	0.18	0.36
28.5	0.00	0.00	0.00	0.21	0.40
29.0	0.00	0.00	0.00	0.22	0.43
29.5	0.00	0.00	0.00	0.25	0.45
30.0	0.00	0.00	0.00	0.24	0.47
30.5	0.00	0.00	0.00	0.26	0.48
31.0	0.00	0.00	0.00	0.25	0.47
31.5	0.00	0.00	0.00	0.29	0.52
32.0	0.00	0.00	0.00	0.34	0.58
32.5	0.00	0.00	0.00	0.37	0.63
33.0	0.00	0.00	0.00	0.40	0.67
33.5	0.00	0.00	0.00	0.41	0.70
34.0	0.00	0.00	0.00	0.41	0.69
34.5	0.00	0.00	0.00	0.43	0.72
35.0	0.00	0.00	0.00	0.44	0.72
35.5	0.00	0.00	0.00	0.47	0.72
36.0	0.00	0.00	0.00	0.47	0.75
36.5	0.00	0.00	0.00	0.49	0.78
37.0	0.00	0.00	0.00	0.46	0.83
37.5	0.00	0.00	0.00	0.49	0.80
38.0	0.00	0.00	0.00	0.51	0.86
38.5	0.00	0.00	0.00	0.53	0.84
39.0	0.00	0.00	0.00	0.53	0.87
39.5	0.00	0.00	0.00	0.54	0.87
40.0	0.00	0.00	0.00	0.56	0.90
40.5	0.00	0.00	0.00	0.57	0.91
41.0	0.00	0.00	0.00	0.59	0.92
41.5	0.00	0.00	0.00	0.59	0.94
42.0	0.00	0.00	0.00	0.61	0.96
42.5	0.00	0.00	0.00	0.61	0.96
43.0	0.00	0.00	0.00	0.62	0.98
43.5	0.00	0.00	0.00	0.64	0.99
44.0	0.00	0.00	0.00	0.64	1.00
44.5	0.00	0.00	0.00	0.64	1.01
45.0	0.00	0.00	0.00	0.64	1.01
45.5	0.00	0.00	0.00	0.65	1.01
46.0	0.00	0.00	0.00	0.65	1.02
46.5	0.00	0.00	0.00	0.65	1.03
47.0	0.00	0.00	0.00	0.65	1.04
47.5	0.00	0.00	0.00	0.65	1.05
48.0	0.00	0.00	0.00	0.65	1.05
48.5	0.00	0.00	0.00	0.65	1.07
49.0	0.00	0.00	0.00	0.65	1.09
49.5	0.00	0.00	0.00	0.64	1.10
50.0	0.00	0.00	0.00	0.64	1.12
50.5	0.00	0.00	0.01	0.64	1.13
51.0	0.00	0.00	0.02	0.63	1.15
51.5	0.02	0.03	0.02	0.63	1.17
52.0	0.05	0.05	0.04	0.63	1.19
52.5	0.10	0.08	0.05	0.62	1.21
53.0	0.13	0.10	0.07	0.62	1.22
53.5	0.16	0.13	0.08	0.60	1.24
54.0	0.20	0.17	0.10	0.60	1.27
54.5	0.23	0.20	0.12	0.59	1.30

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CANDELA TABULATION - (Cont.)

55.0	0.26	0.23	0.14	0.59	1.32
55.5	0.29	0.26	0.15	0.58	1.33
56.0	0.33	0.29	0.18	0.57	1.35
56.5	0.38	0.32	0.20	0.57	1.38
57.0	0.41	0.35	0.22	0.56	1.40
57.5	0.43	0.39	0.23	0.56	1.43
58.0	0.48	0.42	0.25	0.56	1.45
58.5	0.52	0.45	0.27	0.55	1.46
59.0	0.55	0.49	0.30	0.54	1.49
59.5	0.58	0.52	0.31	0.55	1.51
60.0	0.63	0.56	0.34	0.54	1.55
60.5	0.67	0.59	0.36	0.53	1.57
61.0	0.70	0.62	0.38	0.52	1.59
61.5	0.76	0.65	0.40	0.51	1.60
62.0	0.79	0.69	0.42	0.51	1.62
62.5	0.83	0.72	0.44	0.50	1.64
63.0	0.87	0.76	0.46	0.50	1.67
63.5	0.91	0.79	0.48	0.50	1.68
64.0	0.95	0.83	0.50	0.50	1.69
64.5	0.99	0.86	0.53	0.51	1.71
65.0	1.04	0.89	0.55	0.50	1.72
65.5	1.08	0.93	0.57	0.51	1.73
66.0	1.12	0.97	0.60	0.50	1.74
66.5	1.16	1.00	0.62	0.51	1.75
67.0	1.21	1.04	0.64	0.51	1.74
67.5	1.26	1.08	0.67	0.51	1.74
68.0	1.30	1.12	0.70	0.51	1.76
68.5	1.35	1.16	0.73	0.51	1.75
69.0	1.38	1.20	0.75	0.50	1.75
69.5	1.43	1.24	0.78	0.50	1.75
70.0	1.48	1.27	0.81	0.50	1.76
70.5	1.54	1.31	0.84	0.50	1.77
71.0	1.59	1.36	0.87	0.50	1.78
71.5	1.62	1.40	0.90	0.50	1.78
72.0	1.68	1.45	0.94	0.50	1.78
72.5	1.73	1.49	0.98	0.50	1.79
73.0	1.79	1.53	1.01	0.50	1.79
73.5	1.83	1.58	1.04	0.50	1.78
74.0	1.88	1.62	1.08	0.50	1.78
74.5	1.94	1.67	1.12	0.51	1.77
75.0	1.99	1.71	1.16	0.52	1.75
75.5	2.04	1.76	1.21	0.53	1.73
76.0	2.11	1.81	1.25	0.54	1.71
76.5	2.15	1.86	1.29	0.55	1.69
77.0	2.20	1.90	1.34	0.55	1.67
77.5	2.26	1.96	1.38	0.56	1.63
78.0	2.30	2.01	1.43	0.58	1.60
78.5	2.35	2.06	1.48	0.60	1.57
79.0	2.41	2.11	1.54	0.61	1.54
79.5	2.45	2.16	1.59	0.63	1.50
80.0	2.51	2.22	1.64	0.65	1.47
80.5	2.56	2.26	1.70	0.68	1.43
81.0	2.61	2.32	1.76	0.71	1.39
81.5	2.66	2.37	1.82	0.74	1.34
82.0	2.70	2.42	1.88	0.78	1.28
82.5	2.75	2.47	1.95	0.83	1.21

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CANDELA TABULATION - (Cont.)

83.0	2.80	2.52	2.01	0.87	1.16
83.5	2.84	2.58	2.09	0.93	1.08
84.0	2.88	2.63	2.16	1.00	0.99
84.5	2.93	2.69	2.23	1.07	0.91
85.0	2.97	2.74	2.31	1.14	0.81
85.5	3.00	2.79	2.39	1.23	0.71
86.0	3.04	2.85	2.48	1.32	0.63
86.5	3.07	2.90	2.56	1.42	0.53
87.0	3.12	2.96	2.64	1.54	0.45
87.5	3.16	3.01	2.73	1.66	0.38
88.0	3.19	3.07	2.83	1.78	0.31
88.5	3.22	3.12	2.93	1.93	0.28
89.0	3.26	3.16	3.03	2.08	0.24
89.5	3.28	3.23	3.13	2.24	0.22
90.0	3.31	3.28	3.23	2.43	0.26
90.5	3.35	3.33	3.34	2.62	0.35
91.0	3.37	3.39	3.46	2.83	0.52
91.5	3.39	3.44	3.58	3.05	0.81
92.0	3.42	3.49	3.70	3.29	1.17
92.5	3.45	3.56	3.81	3.54	1.61
93.0	3.47	3.61	3.95	3.79	2.12
93.5	3.50	3.67	4.08	4.08	2.69
94.0	3.53	3.73	4.23	4.36	3.29
94.5	3.56	3.78	4.36	4.67	3.96
95.0	3.58	3.84	4.50	4.99	4.67
95.5	3.61	3.91	4.66	5.33	5.43
96.0	3.64	3.97	4.81	5.70	6.22
96.5	3.68	4.04	4.96	6.07	7.06
97.0	3.71	4.12	5.13	6.46	7.90
97.5	3.75	4.19	5.31	6.86	8.80
98.0	3.79	4.26	5.49	7.28	9.71
98.5	3.84	4.34	5.67	7.71	10.61
99.0	3.88	4.42	5.86	8.17	11.53
99.5	3.93	4.50	6.06	8.67	12.49
100.0	3.99	4.59	6.26	9.14	13.50
100.5	4.05	4.69	6.47	9.65	14.49
101.0	4.11	4.79	6.69	10.18	15.54
101.5	4.19	4.89	6.92	10.73	16.52
102.0	4.25	5.00	7.16	11.27	17.55
102.5	4.34	5.11	7.41	11.81	18.63
103.0	4.43	5.24	7.65	12.44	19.68
103.5	4.51	5.38	7.93	13.01	20.75
104.0	4.62	5.51	8.21	13.63	21.83
104.5	4.73	5.65	8.48	14.26	22.90
105.0	4.84	5.82	8.80	14.88	23.98
105.5	4.97	5.98	9.10	15.55	25.03
106.0	5.11	6.15	9.42	16.17	26.22
106.5	5.24	6.32	9.74	16.86	27.28
107.0	5.39	6.51	10.09	17.54	28.36
107.5	5.56	6.73	10.42	18.22	29.51
108.0	5.73	6.93	10.81	18.92	30.58
108.5	5.92	7.16	11.18	19.64	31.63
109.0	6.10	7.40	11.57	20.37	32.74
109.5	6.32	7.63	11.97	21.11	33.79
110.0	6.51	7.89	12.39	21.85	34.88
110.5	6.73	8.15	12.82	22.63	35.95

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CANDELA TABULATION - (Cont.)

111.0	6.98	8.42	13.28	23.41	37.06
111.5	7.21	8.71	13.74	24.23	38.13
112.0	7.47	9.02	14.20	25.05	39.21
112.5	7.73	9.35	14.71	25.89	40.34
113.0	7.99	9.68	15.23	26.73	41.51
113.5	8.28	10.02	15.75	27.64	42.58
114.0	8.58	10.36	16.31	28.52	43.79
114.5	8.88	10.75	16.88	29.46	45.00
115.0	9.21	11.14	17.48	30.40	46.14
115.5	9.55	11.53	18.07	31.39	47.36
116.0	9.90	11.95	18.71	32.42	48.59
116.5	10.24	12.37	19.36	33.42	49.95
117.0	10.63	12.81	20.07	34.47	51.22
117.5	11.16	13.30	20.77	35.56	52.52
118.0	11.42	13.76	21.51	36.64	53.91
118.5	11.92	14.25	22.26	37.78	55.32
119.0	12.36	14.82	23.07	39.01	56.72
119.5	12.74	15.31	23.84	40.10	58.06
120.0	13.25	15.84	24.67	41.33	59.44
120.5	13.76	16.50	25.61	42.61	60.99
121.0	14.26	17.06	26.47	43.82	62.51
121.5	14.78	17.72	27.46	45.17	63.93
122.0	15.38	18.41	28.43	46.53	65.35
122.5	15.97	19.10	29.40	47.88	66.95
123.0	16.57	19.79	30.48	49.27	68.51
123.5	17.25	20.55	31.57	50.69	70.08
124.0	17.89	21.37	32.73	52.17	71.63
124.5	18.60	22.16	33.90	53.70	73.11
125.0	19.38	23.05	35.13	55.24	74.73
125.5	20.15	23.93	36.40	56.78	76.42
126.0	20.94	24.84	37.76	58.57	77.94
126.5	21.87	25.84	39.12	60.26	79.64
127.0	22.73	26.85	40.53	62.02	81.14
127.5	23.67	27.94	42.02	63.74	82.99
128.0	24.66	29.08	43.62	65.68	84.68
128.5	25.71	30.25	45.24	67.60	86.47
129.0	26.78	31.50	46.90	69.52	88.31
129.5	27.89	32.78	48.59	71.60	90.01
130.0	29.13	34.14	50.45	73.73	91.96
130.5	30.38	35.61	52.31	75.96	93.72
131.0	31.71	37.08	54.28	78.22	95.77
131.5	33.10	38.69	56.23	80.53	97.71
132.0	34.56	40.28	58.39	82.90	100.00
132.5	36.12	41.97	60.50	85.43	102.10
133.0	37.71	43.80	62.77	87.85	104.40
133.5	39.41	45.66	65.17	90.38	106.80
134.0	41.19	47.65	67.61	93.00	109.20
134.5	43.09	49.73	70.01	95.59	111.70
135.0	44.97	51.84	72.58	98.37	113.80
135.5	47.09	54.06	75.21	101.10	116.60
136.0	49.27	56.40	77.98	103.80	119.50
136.5	51.41	58.73	80.80	107.00	122.10
137.0	53.70	61.20	83.69	109.90	124.70
137.5	56.20	63.79	86.50	113.10	127.30
138.0	58.70	66.49	89.60	116.20	130.50
138.5	61.31	69.29	92.67	119.40	133.40

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CANDELA TABULATION - (Cont.)

139.0	64.05	72.13	95.85	122.50	136.40
139.5	66.76	75.08	98.99	125.90	139.60
140.0	69.71	78.06	102.20	129.10	142.30
140.5	72.70	81.34	105.50	132.40	145.40
141.0	75.81	84.40	108.90	135.80	148.40
141.5	78.99	87.56	112.30	139.00	151.20
142.0	82.28	91.01	115.90	142.50	154.40
142.5	85.50	94.41	119.50	145.90	157.90
143.0	89.07	97.91	123.30	149.50	161.00
143.5	92.71	101.70	127.00	152.80	164.20
144.0	96.36	105.40	130.80	156.30	167.10
144.5	99.95	109.10	134.50	159.80	170.20
145.0	103.50	113.00	138.30	163.20	173.00
145.5	107.40	117.00	142.00	166.80	176.50
146.0	111.70	121.10	146.00	170.20	179.60
146.5	115.70	125.30	149.80	173.60	182.50
147.0	120.20	129.40	153.70	177.00	185.50
147.5	124.10	133.60	157.60	180.60	188.60
148.0	128.40	137.70	161.60	183.90	191.40
148.5	132.80	142.30	165.30	187.20	194.50
149.0	137.20	146.40	169.50	190.60	197.10
149.5	142.00	150.80	173.20	193.70	200.30
150.0	146.10	155.20	176.90	197.20	202.70
150.5	151.00	159.40	180.90	200.30	205.60
151.0	155.60	163.70	184.80	203.40	208.30
151.5	160.00	168.10	188.50	206.40	210.70
152.0	164.60	172.40	192.00	209.50	213.40
152.5	169.00	176.50	195.60	212.10	215.90
153.0	173.30	180.90	199.40	215.10	218.40
153.5	178.10	184.90	203.00	217.90	221.10
154.0	182.40	189.40	206.20	220.80	223.20
154.5	186.90	193.30	209.70	223.20	225.60
155.0	191.20	197.20	213.10	225.70	228.10
155.5	195.50	201.20	216.20	228.30	230.10
156.0	199.50	205.10	219.60	230.80	232.10
156.5	203.70	208.80	222.60	232.90	234.10
157.0	207.90	212.80	225.60	235.60	236.40
157.5	211.60	216.20	228.30	237.80	238.30
158.0	215.70	219.80	231.20	239.80	240.00
158.5	219.70	223.20	234.10	242.00	241.60
159.0	223.10	226.50	236.80	243.90	243.60
159.5	226.80	230.10	239.10	245.80	245.30
160.0	229.90	232.90	241.90	248.00	247.20
160.5	233.50	236.10	244.00	249.40	248.40
161.0	237.10	238.80	246.40	251.10	250.30
161.5	240.00	242.00	248.70	253.10	251.60
162.0	242.80	244.70	250.90	254.30	252.90
162.5	246.10	247.20	253.10	256.10	254.40
163.0	248.90	249.40	255.00	257.60	255.70
163.5	251.60	252.20	256.50	259.00	256.60
164.0	253.40	254.10	258.20	259.90	258.30
164.5	256.30	256.40	259.90	261.40	258.80
165.0	258.70	258.30	261.30	262.60	260.00
165.5	260.70	260.10	262.80	263.60	261.30
166.0	263.00	262.10	264.20	264.80	262.30
166.5	264.60	263.90	265.50	265.70	263.10

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	266.60	265.30	266.70	266.70	264.10
167.5	268.60	266.70	267.60	268.00	265.20
168.0	269.60	268.10	268.90	268.50	266.00
168.5	270.90	269.60	269.90	269.50	266.70
169.0	272.50	270.60	270.70	270.20	267.80
169.5	273.80	271.50	271.30	270.90	268.50
170.0	275.10	272.50	272.40	271.30	269.00
170.5	275.60	273.40	273.20	272.30	269.40
171.0	276.00	273.80	273.80	272.80	270.20
171.5	277.00	274.40	274.20	273.10	271.00
172.0	278.00	275.20	274.80	273.40	271.30
172.5	278.60	276.10	275.20	274.10	272.10
173.0	279.10	276.30	275.40	274.60	272.10
173.5	279.00	276.20	275.90	275.30	272.80
174.0	279.60	276.80	276.20	275.60	273.30
174.5	279.80	277.40	276.10	275.90	273.50
175.0	280.00	277.20	276.80	275.80	273.90
175.5	280.30	277.40	276.90	276.40	274.40
176.0	280.60	277.50	277.20	276.70	274.80
176.5	280.20	277.60	277.20	276.10	274.90
177.0	280.20	277.60	277.10	276.70	274.80
177.5	280.40	277.90	277.40	277.10	275.20
178.0	280.60	277.70	277.30	277.20	275.10
178.5	280.30	277.80	277.40	277.30	275.40
179.0	280.30	277.90	277.60	277.40	275.30
179.5	280.10	277.80	277.30	277.30	275.50
180.0	277.60	277.60	277.60	277.60	277.60

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	0.00	N.A.	0.00
0-30	0.03	N.A.	0.00
0-40	0.15	N.A.	0.00
0-60	0.77	N.A.	0.20
0-80	3.00	N.A.	0.70
0-90	5.25	N.A.	1.20
10-90	5.25	N.A.	1.20
20-40	0.15	N.A.	0.00
20-50	0.37	N.A.	0.10
40-70	1.45	N.A.	0.30
60-80	2.23	N.A.	0.50
70-80	1.40	N.A.	0.30
80-90	2.25	N.A.	0.50
90-110	16.71	N.A.	4.00
90-120	38.45	N.A.	9.10
90-130	74.82	N.A.	17.80
90-150	220.05	N.A.	52.30
90-180	415.67	N.A.	98.80
110-180	398.96	N.A.	94.80
0-180	420.93	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

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

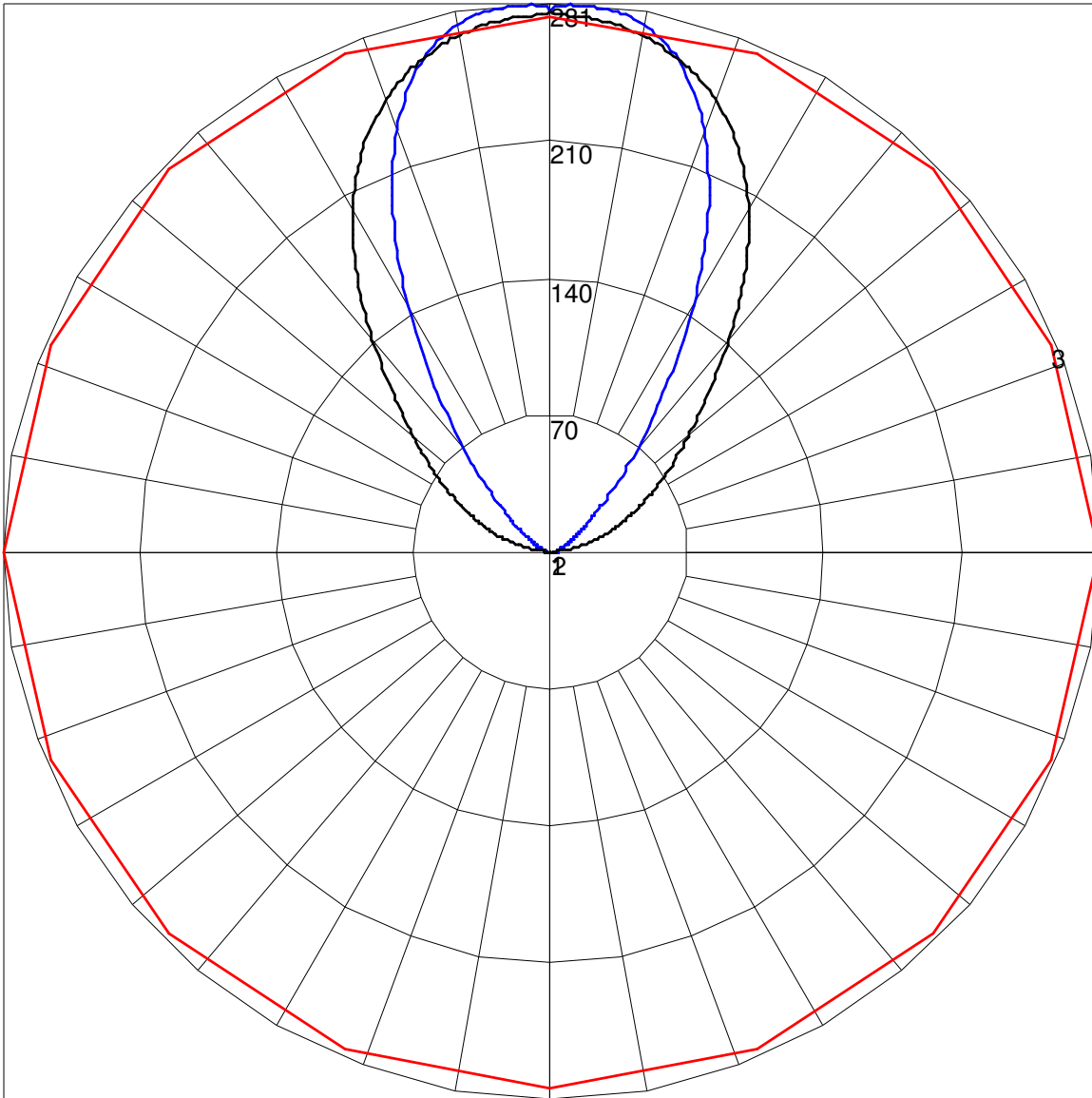
IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6S00-12-7612-UNVE5-D35S-LG.IES

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	
0	96	96	96	96	82	82	82	82	56	56	56	33	33	33	11	11	11	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	46	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 = 280.6 Located At Horizontal Angle = 0, Vertical Angle = 176

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 (176) (Through Max. Cd.)