

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : C6R-ASY-00-UNVE9-35-LG.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] 1007  
 [UL TEST] 11750395.04  
 [ECN] 3056  
 [TESTLAB] UL Verification Services Inc.  
 [ISSUEDATE] 5/5/2017  
 [MANUFAC] Tempo LLC  
 [LUMCAT] C6R-ASY-00-UNVE9-35-LG  
 [LUMINAIRE] Light gray aluminum housing with lightly frosted lens  
 [LAMP] Twenty (20) white LEDs (3500K) with asymmetric optic  
 [ELECTRICALS] 120.05 VAC, 0.0727 A, 0.9911 PF, 11.7% ATHD

**CHARACTERISTICS**

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	691
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	80
Total Luminaire Watts	8.66141
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



**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	0	0	34
55	85	27	95
65	151	169	209
75	211	374	454
85	638	1228	903

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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>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>
<b>0.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>0.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>1.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>1.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>2.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>2.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>3.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>3.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>4.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>4.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>5.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>5.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>6.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>6.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>7.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>7.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>8.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>8.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>9.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>9.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>10.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>10.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>11.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>11.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>12.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>12.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>13.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>13.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>14.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>14.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>15.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>15.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>16.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>16.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>17.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>17.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>18.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>18.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>19.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>19.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>20.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>20.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>21.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>21.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>22.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>22.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>23.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>23.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>24.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>24.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>25.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>25.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>26.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>26.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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**CANDELA TABULATION - (Cont.)**

27.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.10	0.00
29.5	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.12	0.00
30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.09	0.00
30.5	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.09	0.00
31.0	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.06	0.00
31.5	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.08	0.00
32.0	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.10	0.00
32.5	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.15	0.00
33.0	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.15	0.00
33.5	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.15	0.00
34.0	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.15	0.00
34.5	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.14	0.00
35.0	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.13	0.00
35.5	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.09	0.00
36.0	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.17	0.00
36.5	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.18	0.00
37.0	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.24	0.00
37.5	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.18	0.00
38.0	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.20	0.00
38.5	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.24	0.00
39.0	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.23	0.00
39.5	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.19	0.00
40.0	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.19	0.00
40.5	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.15	0.00
41.0	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.16	0.00
41.5	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.13	0.00
42.0	0.00	0.00	0.00	0.01	0.25	0.14	0.14	0.00	0.00
42.5	0.00	0.00	0.00	0.03	0.27	0.14	0.13	0.00	0.00
43.0	0.00	0.00	0.00	0.05	0.27	0.16	0.13	0.00	0.00
43.5	0.00	0.00	0.00	0.08	0.28	0.17	0.13	0.00	0.00
44.0	0.00	0.00	0.00	0.11	0.29	0.55	0.12	0.00	0.00
44.5	0.00	0.00	0.00	0.12	0.32	0.58	0.11	0.00	0.00
45.0	0.00	0.00	0.00	0.14	0.35	0.58	0.11	0.00	0.00
45.5	0.00	0.00	0.00	0.18	0.36	0.60	0.11	0.00	0.00
46.0	0.00	0.00	0.00	0.20	0.39	0.63	0.11	0.00	0.00
46.5	0.00	0.00	0.00	0.22	0.40	0.64	0.11	0.00	0.00
47.0	0.00	0.02	0.00	0.24	0.42	0.66	0.11	0.00	0.00
47.5	0.00	0.04	0.00	0.27	0.45	0.69	0.11	0.00	0.00
48.0	0.00	0.08	0.00	0.29	0.47	0.71	0.11	0.00	0.00
48.5	0.07	0.11	0.00	0.33	0.51	0.73	0.12	0.00	0.00
49.0	0.14	0.15	0.00	0.34	0.53	0.76	0.12	0.00	0.00
49.5	0.23	0.19	0.02	0.36	0.56	0.79	0.13	0.00	0.00
50.0	0.29	0.26	0.04	0.38	0.58	0.81	0.13	0.00	0.00
50.5	0.38	0.33	0.07	0.40	0.59	0.83	0.13	0.00	0.00
51.0	0.48	0.40	0.09	0.41	0.63	0.86	0.14	0.00	0.00
51.5	0.55	0.48	0.11	0.43	0.64	0.88	0.14	0.00	0.00
52.0	0.63	0.57	0.14	0.43	0.67	0.90	0.15	0.00	0.00
52.5	0.74	0.65	0.16	0.45	0.69	0.94	0.16	0.00	0.00
53.0	0.81	0.74	0.19	0.46	0.73	0.95	0.16	0.00	0.00
53.5	0.90	0.81	0.22	0.46	0.74	0.96	0.17	0.00	0.00
54.0	0.98	0.91	0.26	0.46	0.77	0.98	0.17	0.00	0.00
54.5	1.06	0.98	0.29	0.46	0.80	1.01	0.18	0.00	0.00

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**CANDELA TABULATION - (Cont.)**

55.0	1.14	1.07	0.33	0.80	0.82	1.03	0.18	0.00	0.00
55.5	1.23	1.15	0.39	0.80	0.84	1.05	0.19	0.00	0.00
56.0	1.30	1.23	0.46	0.80	0.86	1.07	0.20	0.00	0.00
56.5	1.36	1.31	0.52	0.81	0.90	1.08	0.21	0.00	0.00
57.0	1.44	1.38	0.60	0.79	0.91	1.09	0.35	0.09	0.00
57.5	1.49	1.46	0.66	0.79	0.96	1.12	0.36	0.09	0.00
58.0	1.54	1.53	0.73	0.78	0.97	1.13	0.38	0.11	0.00
58.5	1.60	1.59	0.81	0.78	1.01	1.15	0.39	0.11	0.00
59.0	1.70	1.66	0.89	0.75	1.03	1.17	0.41	0.16	0.01
59.5	1.73	1.70	0.96	0.74	1.07	1.18	0.42	0.17	0.01
60.0	1.70	1.78	1.04	0.73	1.11	1.21	0.44	0.20	0.04
60.5	1.73	1.82	1.13	0.72	1.15	1.22	0.45	0.22	0.04
61.0	1.75	1.86	1.20	0.70	1.17	1.22	0.45	0.23	0.04
61.5	1.76	1.89	1.27	0.68	1.20	1.24	0.47	0.25	0.05
62.0	1.78	1.94	1.35	0.67	1.23	1.24	0.47	0.26	0.07
62.5	1.79	1.97	1.43	0.67	1.26	1.24	0.49	0.27	0.09
63.0	1.79	2.00	1.50	0.66	1.29	1.25	0.50	0.29	0.10
63.5	1.79	2.03	1.58	0.66	1.31	1.25	0.52	0.29	0.12
64.0	1.80	2.05	1.66	0.66	1.34	1.26	0.53	0.29	0.11
64.5	1.81	2.07	1.73	0.68	1.36	1.27	0.53	0.31	0.12
65.0	1.80	2.09	1.81	0.70	1.39	1.28	0.54	0.32	0.14
65.5	1.80	2.10	1.89	0.72	1.42	1.29	0.55	0.33	0.14
66.0	1.80	2.12	1.95	0.73	1.44	1.30	0.57	0.35	0.16
66.5	1.80	2.15	2.01	0.74	1.46	1.29	0.58	0.35	0.16
67.0	1.81	2.16	2.09	0.77	1.49	1.29	0.59	0.35	0.16
67.5	1.81	2.17	2.16	0.82	1.51	1.30	0.59	0.37	0.17
68.0	1.81	2.18	2.24	0.85	1.54	1.31	0.60	0.37	0.18
68.5	1.80	2.20	2.31	0.88	1.56	1.30	0.60	0.38	0.18
69.0	1.82	2.22	2.37	0.92	1.59	1.30	0.62	0.39	0.19
69.5	1.83	2.24	2.44	0.97	1.63	1.30	0.63	0.39	0.20
70.0	1.83	2.25	2.52	1.02	1.66	1.29	0.63	0.40	0.21
70.5	1.84	2.27	2.58	1.06	1.70	1.28	0.64	0.41	0.21
71.0	1.87	2.30	2.66	1.12	1.74	1.28	0.65	0.41	0.23
71.5	1.86	2.33	2.72	1.18	1.77	1.28	0.66	0.42	0.23
72.0	1.89	2.35	2.81	1.24	1.81	1.27	0.68	0.43	0.24
72.5	1.90	2.39	2.88	1.32	1.85	1.27	0.69	0.44	0.25
73.0	1.93	2.42	2.96	1.39	1.88	1.25	0.73	0.44	0.25
73.5	1.98	2.47	3.03	1.48	1.91	1.24	0.73	0.45	0.26
74.0	2.02	2.53	3.12	1.57	1.96	1.24	0.71	0.47	0.27
74.5	2.06	2.58	3.21	1.66	1.99	1.23	0.72	0.47	0.27
75.0	2.12	2.64	3.30	1.76	2.03	1.23	0.74	0.48	0.27
75.5	2.18	2.71	3.41	1.88	2.06	1.22	0.75	0.49	0.28
76.0	2.23	2.78	3.53	2.01	2.10	1.22	0.77	0.49	0.20
76.5	2.32	2.87	3.65	2.12	2.19	1.21	0.80	0.50	0.30
77.0	2.40	2.97	3.77	2.26	2.37	1.21	0.81	0.51	0.30
77.5	2.49	3.07	3.92	2.43	2.57	1.22	0.84	0.52	0.31
78.0	2.58	3.18	4.08	2.58	2.64	1.21	0.86	0.52	0.32
78.5	2.70	3.29	4.25	2.74	2.65	1.21	0.88	0.53	0.32
79.0	2.81	3.43	4.43	2.93	2.58	1.21	0.91	0.54	0.33
79.5	2.93	3.57	4.63	3.13	2.52	1.21	0.92	0.55	0.33
80.0	3.08	3.72	4.85	3.32	2.50	1.20	0.95	0.56	0.34
80.5	3.23	3.89	5.08	3.51	2.50	1.19	0.97	0.56	0.35
81.0	3.37	4.07	5.33	3.75	2.57	1.19	0.99	0.57	0.35
81.5	3.52	4.26	5.61	4.01	2.59	1.18	1.02	0.58	0.36
82.0	3.71	4.47	5.91	4.30	2.48	1.16	1.03	0.58	0.36
82.5	3.90	4.68	6.22	4.60	2.46	1.15	1.04	0.60	0.37

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**CANDELA TABULATION - (Cont.)**

83.0	4.08	4.92	6.57	4.88	2.25	1.14	1.06	0.60	0.38
83.5	4.30	5.18	6.92	5.17	2.27	1.12	1.08	0.61	0.38
84.0	4.55	5.48	7.31	5.48	2.30	1.10	1.08	0.62	0.40
84.5	4.80	5.78	7.73	5.86	2.08	1.09	1.09	0.62	0.39
85.0	5.07	6.11	8.18	6.28	1.96	1.07	1.10	0.63	0.40
85.5	5.38	6.46	8.67	6.73	1.74	1.07	1.11	0.64	0.41
86.0	5.70	6.83	9.17	7.21	1.60	1.04	1.10	0.64	0.41
86.5	6.04	7.24	9.69	7.72	1.43	1.04	1.11	0.61	0.41
87.0	6.40	7.66	10.27	8.29	1.29	1.03	1.12	0.66	0.43
87.5	6.80	8.09	10.85	8.88	1.20	1.03	1.12	0.68	0.42
88.0	7.21	8.53	11.45	9.51	1.08	1.04	1.14	0.69	0.44
88.5	7.63	9.01	12.12	10.17	0.96	1.04	1.16	0.69	0.45
89.0	8.06	9.50	12.77	10.85	0.87	1.05	1.16	0.70	0.43
89.5	8.47	9.98	13.43	11.61	0.83	1.06	1.17	0.71	0.47
90.0	8.90	10.44	14.15	12.39	0.87	1.07	1.19	0.72	0.46
90.5	9.31	10.94	14.84	13.20	0.98	1.10	1.20	0.73	0.43
91.0	9.71	11.42	15.54	14.04	1.17	1.15	1.22	0.73	0.47
91.5	10.19	11.87	16.22	14.94	1.44	1.19	1.25	0.74	0.47
92.0	10.54	12.30	16.91	15.89	1.77	1.23	1.27	0.75	0.47
92.5	10.94	12.75	17.62	16.84	2.21	1.28	1.29	0.76	0.49
93.0	11.33	13.17	18.30	17.85	2.71	1.34	1.31	0.77	0.48
93.5	11.74	13.58	18.99	18.91	3.27	1.41	1.33	0.78	0.50
94.0	12.08	13.98	19.66	20.03	3.89	1.48	1.35	0.79	0.49
94.5	12.43	14.37	20.38	21.14	4.54	1.56	1.37	0.79	0.49
95.0	12.76	14.77	21.09	22.34	5.26	1.63	1.40	0.80	0.51
95.5	13.09	15.15	21.78	23.59	6.01	1.71	1.41	0.80	0.51
96.0	13.43	15.53	22.49	24.86	6.76	1.81	1.44	0.81	0.51
96.5	13.78	15.90	23.19	26.22	7.56	1.92	1.47	0.84	0.53
97.0	14.10	16.25	23.93	27.64	8.40	2.03	1.50	0.85	0.53
97.5	14.40	16.62	24.68	29.11	9.26	2.14	1.53	0.84	0.53
98.0	14.66	16.97	25.43	30.63	10.14	2.27	1.55	0.86	0.54
98.5	14.96	17.36	26.21	32.24	11.00	2.40	1.58	0.87	0.54
99.0	15.22	17.74	27.04	33.89	11.91	2.53	1.60	0.87	0.56
99.5	15.51	18.11	27.88	35.61	12.82	2.68	1.64	0.88	0.57
100.0	15.80	18.53	28.75	37.41	13.73	2.82	1.66	0.89	0.56
100.5	16.15	18.93	29.62	39.27	14.67	2.99	1.69	0.89	0.57
101.0	16.45	19.34	30.60	41.23	15.60	3.16	1.73	0.91	0.58
101.5	16.75	19.79	31.58	43.24	16.56	3.32	1.75	0.92	0.59
102.0	16.99	20.20	32.60	45.41	17.56	3.51	1.80	0.92	0.60
102.5	17.38	20.69	33.73	47.56	18.56	3.70	1.82	0.94	0.62
103.0	17.72	21.18	34.89	49.81	19.53	3.90	1.86	0.95	0.61
103.5	18.03	21.72	36.13	52.24	20.55	4.11	1.91	0.97	0.62
104.0	18.42	22.30	37.39	54.64	21.57	4.32	1.95	0.98	0.64
104.5	18.86	22.85	38.77	57.23	22.61	4.54	1.99	1.00	0.65
105.0	19.30	23.46	40.27	59.86	23.66	4.76	2.03	1.00	0.65
105.5	19.71	24.11	41.76	62.59	24.74	5.00	2.08	1.02	0.67
106.0	20.20	24.84	43.44	65.45	25.86	5.25	2.11	1.04	0.69
106.5	20.74	25.56	45.12	68.39	26.95	5.49	2.16	1.07	0.71
107.0	21.28	26.31	46.95	71.42	28.03	5.73	2.22	1.08	0.71
107.5	21.86	27.18	48.87	74.52	29.15	6.00	2.25	1.10	0.73
108.0	22.48	28.06	50.99	77.75	30.30	6.27	2.32	1.12	0.76
108.5	23.09	29.00	53.22	81.12	31.48	6.54	2.36	1.14	0.77
109.0	23.81	30.02	55.58	84.45	32.70	6.82	2.41	1.17	0.80
109.5	24.56	31.07	58.07	88.03	33.88	7.09	2.46	1.18	0.79
110.0	25.35	32.27	60.71	91.45	35.09	7.39	2.52	1.19	0.82
110.5	26.24	33.49	63.48	95.33	36.36	7.70	2.58	1.20	0.85

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**CANDELA TABULATION - (Cont.)**

111.0	27.15	34.84	66.51	98.98	37.63	8.00	2.64	1.22	0.86
111.5	28.13	36.26	69.64	103.10	38.95	8.34	2.70	1.26	0.86
112.0	29.22	37.76	73.05	107.20	40.22	8.65	2.76	1.29	0.90
112.5	30.34	39.44	76.58	111.20	41.62	8.99	2.82	1.30	0.91
113.0	31.60	41.22	80.35	115.40	42.98	9.32	2.91	1.33	0.92
113.5	32.85	43.14	84.25	119.70	44.40	9.68	2.98	1.35	0.96
114.0	34.32	45.22	88.35	124.30	45.81	10.05	3.06	1.39	0.96
114.5	35.90	47.44	92.45	128.90	47.32	10.43	3.14	1.40	1.00
115.0	37.55	49.81	97.02	133.70	48.76	10.77	3.23	1.44	1.02
115.5	39.38	52.46	101.90	138.40	50.31	11.17	3.32	1.49	1.03
116.0	41.33	55.20	106.60	143.10	51.85	11.55	3.43	1.52	1.07
116.5	43.52	58.18	111.70	148.20	53.46	11.98	3.50	1.55	1.08
117.0	45.78	61.36	117.20	152.90	55.07	12.38	3.65	1.59	0.94
117.5	48.20	64.76	122.80	157.90	56.75	12.82	3.78	1.63	1.29
118.0	50.89	68.37	128.60	162.80	58.38	13.24	3.88	1.65	1.08
118.5	53.65	72.25	134.60	168.30	60.10	13.69	4.00	1.72	1.29
119.0	56.82	76.52	140.80	173.50	61.88	14.17	4.18	1.78	1.28
119.5	59.94	80.89	147.30	178.80	63.57	14.59	4.26	1.80	1.30
120.0	63.40	85.65	153.90	183.90	65.35	15.07	4.43	1.83	1.39
120.5	67.24	90.37	160.70	189.30	67.22	15.59	4.60	1.93	1.45
121.0	71.22	95.47	167.70	194.40	69.15	16.07	4.70	1.96	1.46
121.5	75.58	101.10	174.80	199.90	71.02	16.60	4.91	2.02	1.50
122.0	80.11	106.60	182.20	205.10	72.98	17.14	5.10	2.13	1.55
122.5	85.08	112.60	189.50	210.40	74.97	17.68	5.27	2.18	1.61
123.0	90.20	119.10	197.10	216.20	76.99	18.21	5.48	2.27	1.68
123.5	95.62	125.70	204.70	221.30	79.05	18.78	5.66	2.37	1.75
124.0	101.20	132.60	212.40	226.80	81.10	19.36	5.86	2.46	1.81
124.5	107.20	139.80	220.40	232.30	83.20	19.94	6.06	2.55	1.89
125.0	113.50	147.40	228.40	237.40	85.20	20.53	6.27	2.67	1.99
125.5	120.00	154.90	236.30	242.90	87.30	21.14	6.50	2.77	2.08
126.0	126.80	162.80	244.50	248.10	89.45	21.77	6.72	2.89	2.18
126.5	134.10	170.70	252.50	253.60	91.71	22.44	6.96	3.02	2.28
127.0	141.50	179.10	260.70	259.00	93.85	23.07	7.19	3.15	2.38
127.5	149.20	187.60	268.90	264.30	96.09	23.74	7.44	3.28	2.50
128.0	156.80	196.30	277.20	269.40	98.36	24.42	7.70	3.42	2.62
128.5	165.40	205.30	285.40	274.50	100.60	25.12	7.96	3.59	2.75
129.0	174.10	214.30	293.60	279.70	103.00	25.82	8.22	3.75	2.88
129.5	182.60	223.70	302.00	284.40	105.20	26.53	8.49	3.91	3.03
130.0	191.20	232.70	310.00	289.70	107.70	27.26	8.77	4.10	3.18
130.5	200.40	242.20	317.80	294.70	110.10	28.04	9.08	4.28	3.33
131.0	209.50	251.70	325.90	299.30	112.50	28.81	9.38	4.46	3.50
131.5	218.80	261.30	333.80	304.10	114.70	29.55	9.71	4.67	3.67
132.0	228.30	271.10	341.40	308.80	117.10	30.38	10.03	4.87	3.85
132.5	238.00	280.80	348.80	313.60	119.60	31.22	10.35	5.07	4.03
133.0	247.90	291.00	356.40	318.30	122.00	32.06	10.72	5.30	4.24
133.5	257.90	300.90	363.70	322.70	124.30	32.91	11.07	5.53	4.42
134.0	267.80	311.00	371.10	327.30	126.80	33.77	11.48	5.76	4.64
134.5	278.30	321.10	378.70	331.60	129.20	34.69	11.86	6.00	4.87
135.0	288.10	330.60	385.90	336.00	131.70	35.63	12.24	6.26	5.11
135.5	298.50	340.80	392.70	339.90	134.40	36.59	12.75	6.53	5.35
136.0	309.10	350.60	399.50	344.20	136.80	37.50	13.17	6.79	5.57
136.5	319.70	360.50	406.30	348.00	139.30	38.46	13.65	7.04	5.74
137.0	330.40	370.10	412.90	352.00	141.70	39.52	14.15	7.35	6.14
137.5	341.00	379.70	419.00	356.30	144.40	40.53	14.65	7.64	6.39
138.0	351.80	389.20	424.90	359.70	146.90	41.65	15.16	7.95	6.68
138.5	362.30	398.70	431.50	363.50	149.40	42.70	15.71	8.27	6.92

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**CANDELA TABULATION - (Cont.)**

139.0	372.70	408.60	437.10	367.10	151.90	43.76	16.26	8.58	7.21
139.5	383.00	417.00	442.70	370.50	154.50	44.85	16.82	8.94	7.65
140.0	392.80	425.60	448.60	373.80	157.20	46.03	17.49	9.33	7.53
140.5	403.20	434.30	453.50	377.10	159.80	47.30	18.09	9.48	7.97
141.0	413.00	441.90	458.80	380.30	162.10	48.38	18.56	9.90	8.47
141.5	421.90	449.80	463.30	383.20	164.70	49.57	19.33	10.38	8.93
142.0	432.60	458.10	468.20	386.00	167.30	50.96	20.03	10.82	9.30
142.5	440.90	465.60	473.10	389.10	169.70	52.28	20.79	11.28	9.71
143.0	450.30	472.40	477.40	391.60	172.30	53.69	21.50	11.74	10.11
143.5	458.60	479.20	481.50	394.40	174.90	55.08	22.23	12.22	10.56
144.0	467.30	486.20	484.70	396.50	177.40	56.46	23.03	12.70	10.98
144.5	475.40	492.70	489.30	398.60	179.90	57.94	23.83	13.22	11.45
145.0	483.20	498.40	492.40	400.90	182.70	59.44	24.67	13.75	11.89
145.5	491.00	503.80	496.40	403.10	185.10	60.98	25.53	14.29	12.35
146.0	498.00	508.70	499.50	405.20	187.60	62.54	26.40	14.90	12.81
146.5	505.40	514.10	502.80	406.60	190.10	64.14	27.29	15.49	13.32
147.0	511.70	519.40	504.90	407.80	192.40	65.83	28.20	16.09	13.86
147.5	517.30	523.30	507.90	409.30	195.00	67.53	29.14	16.72	14.44
148.0	523.30	527.30	510.30	411.20	197.20	69.28	30.13	17.38	15.06
148.5	528.60	531.70	512.00	412.00	199.70	71.21	31.16	18.08	15.71
149.0	533.90	535.90	514.50	413.10	202.20	73.07	32.21	18.84	16.35
149.5	538.70	538.60	517.20	414.40	204.30	75.02	33.36	19.58	17.04
150.0	542.80	542.10	518.80	415.10	206.80	76.99	34.50	20.38	17.76
150.5	547.00	544.90	520.40	415.90	208.90	78.99	35.66	21.17	18.51
151.0	550.20	547.00	521.60	416.40	211.20	81.12	36.89	22.06	19.23
151.5	553.90	549.90	523.50	416.50	213.40	83.17	38.12	22.88	20.03
152.0	556.50	552.30	524.70	417.40	215.60	85.38	39.40	23.79	20.82
152.5	560.10	554.90	524.90	417.00	218.00	87.60	40.80	24.73	21.73
153.0	562.40	556.40	525.30	416.70	220.00	89.75	42.20	25.74	22.64
153.5	564.60	557.70	525.00	416.90	222.40	92.02	43.65	26.78	23.63
154.0	567.60	559.90	525.80	416.40	224.30	94.37	45.21	27.86	24.69
154.5	569.50	560.70	525.80	415.90	226.50	96.92	46.83	29.05	25.79
155.0	571.40	561.60	525.90	414.90	228.70	99.49	48.49	30.26	26.91
155.5	572.70	562.40	525.60	414.40	230.70	102.20	50.22	31.53	28.13
156.0	574.40	562.80	524.50	413.50	232.80	104.70	52.06	32.84	29.31
156.5	574.10	563.10	523.30	412.40	234.80	107.10	53.93	34.18	30.61
157.0	574.80	563.50	522.10	411.20	236.70	110.00	55.83	35.61	31.90
157.5	575.80	562.80	520.60	410.10	238.40	112.80	57.88	37.12	33.29
158.0	575.60	563.20	519.00	408.80	240.40	115.50	60.00	38.70	34.70
158.5	575.50	561.50	517.20	407.20	242.10	118.30	62.21	40.38	36.29
159.0	576.40	561.00	514.40	406.20	243.70	121.40	64.59	42.19	37.93
159.5	574.90	559.00	512.30	405.00	245.20	124.40	66.99	44.05	39.79
160.0	573.50	557.60	509.50	403.20	247.10	127.50	69.52	46.08	41.69
160.5	572.10	555.10	506.60	401.10	248.80	130.80	72.20	48.22	43.52
161.0	570.40	552.10	503.40	399.30	250.40	133.90	74.98	50.38	45.61
161.5	568.80	549.70	500.30	397.20	251.80	137.20	77.91	52.76	47.85
162.0	566.20	546.50	497.30	395.00	253.20	140.50	80.94	55.29	50.27
162.5	563.70	543.40	493.80	392.70	254.60	143.70	84.08	57.89	52.73
163.0	561.50	540.10	490.00	391.00	256.10	147.40	87.39	60.67	55.50
163.5	557.20	535.90	486.20	388.30	257.20	150.90	90.80	63.56	58.31
164.0	552.50	531.40	481.80	386.00	258.50	154.50	94.18	66.64	61.35
164.5	548.60	526.10	477.10	383.30	259.90	158.00	97.79	69.92	64.57
165.0	544.00	521.70	473.00	380.80	261.10	161.60	101.60	73.38	67.90
165.5	538.90	516.70	467.80	378.30	262.30	165.50	105.60	77.09	71.54
166.0	533.50	511.10	462.50	375.60	263.40	169.00	109.70	80.85	75.44
166.5	528.20	506.10	457.80	373.10	264.40	172.70	114.00	84.97	79.59

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**CANDELA TABULATION - (Cont.)**

167.0	521.40	499.30	452.30	369.90	265.50	176.40	118.70	89.11	84.01
167.5	516.00	492.80	446.80	366.80	266.60	180.20	123.20	93.39	88.55
168.0	509.80	486.30	441.00	363.80	267.50	184.30	128.00	98.10	93.33
168.5	502.70	479.90	435.30	360.70	268.70	188.20	133.10	102.90	98.29
169.0	495.50	472.10	429.10	357.80	269.40	191.90	138.20	108.10	103.70
169.5	487.90	465.10	423.40	354.60	270.30	195.90	143.20	113.30	109.20
170.0	480.80	457.90	417.70	351.30	271.30	200.00	148.30	118.90	115.30
170.5	472.30	450.10	410.90	348.10	271.90	203.90	153.70	124.80	121.30
171.0	464.50	442.10	404.70	344.80	272.80	207.80	159.50	131.00	127.50
171.5	456.00	434.10	398.50	341.50	273.30	211.70	165.20	137.30	134.40
172.0	446.90	425.30	391.40	338.10	273.90	215.80	171.00	143.90	141.60
172.5	438.30	416.60	384.80	334.90	274.20	219.90	177.00	150.70	148.80
173.0	429.60	408.10	378.10	331.40	275.10	223.90	183.10	157.90	156.20
173.5	419.30	399.00	371.50	328.00	275.40	227.90	189.50	165.40	163.80
174.0	409.60	389.80	364.40	324.50	275.90	231.80	195.80	172.60	171.90
174.5	399.70	381.00	357.30	321.10	276.30	236.10	202.40	180.50	180.10
175.0	390.20	371.70	350.50	317.50	276.80	240.20	209.10	188.40	188.70
175.5	379.80	362.50	343.50	314.20	277.00	244.10	215.80	196.70	197.80
176.0	369.50	353.00	336.60	310.90	277.10	248.00	222.70	205.10	206.90
176.5	359.10	343.50	329.40	307.10	277.30	252.10	229.40	213.80	216.30
177.0	348.40	333.90	322.40	303.10	277.50	256.30	236.30	222.20	225.50
177.5	337.80	324.40	315.40	299.30	278.00	260.30	243.50	231.20	235.00
178.0	327.40	314.90	308.40	295.70	278.20	264.20	250.40	240.20	245.00
178.5	316.90	305.40	300.80	291.80	278.40	268.10	257.60	249.40	255.00
179.0	306.60	296.00	293.30	287.90	278.50	272.10	264.70	258.70	264.80
179.5	295.60	286.50	286.20	284.00	278.50	276.20	271.60	267.70	275.40
180.0	279.50	279.50	279.50	279.50	279.50	279.50	279.50	279.50	279.50



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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	0.00	N.A.	0.00
0-30	0.00	N.A.	0.00
0-40	0.02	N.A.	0.00
0-60	0.67	N.A.	0.10
0-80	3.65	N.A.	0.50
0-90	7.67	N.A.	1.10
10-90	7.67	N.A.	1.10
20-40	0.02	N.A.	0.00
20-50	0.13	N.A.	0.00
40-70	1.78	N.A.	0.30
60-80	2.98	N.A.	0.40
70-80	1.85	N.A.	0.30
80-90	4.02	N.A.	0.60
90-110	32.60	N.A.	4.70
90-120	78.74	N.A.	11.40
90-130	167.14	N.A.	24.20
90-150	449.31	N.A.	65.00
90-180	683.69	N.A.	98.90
110-180	651.09	N.A.	94.20
0-180	691.36	N.A.	100.00

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.02
40-50	0.11
50-60	0.54
60-70	1.13
70-80	1.85
80-90	4.02
90-100	10.28
100-110	22.32
110-120	46.13
120-130	88.40
130-140	133.00
140-150	149.17
150-160	126.93
160-170	80.61
170-180	26.85

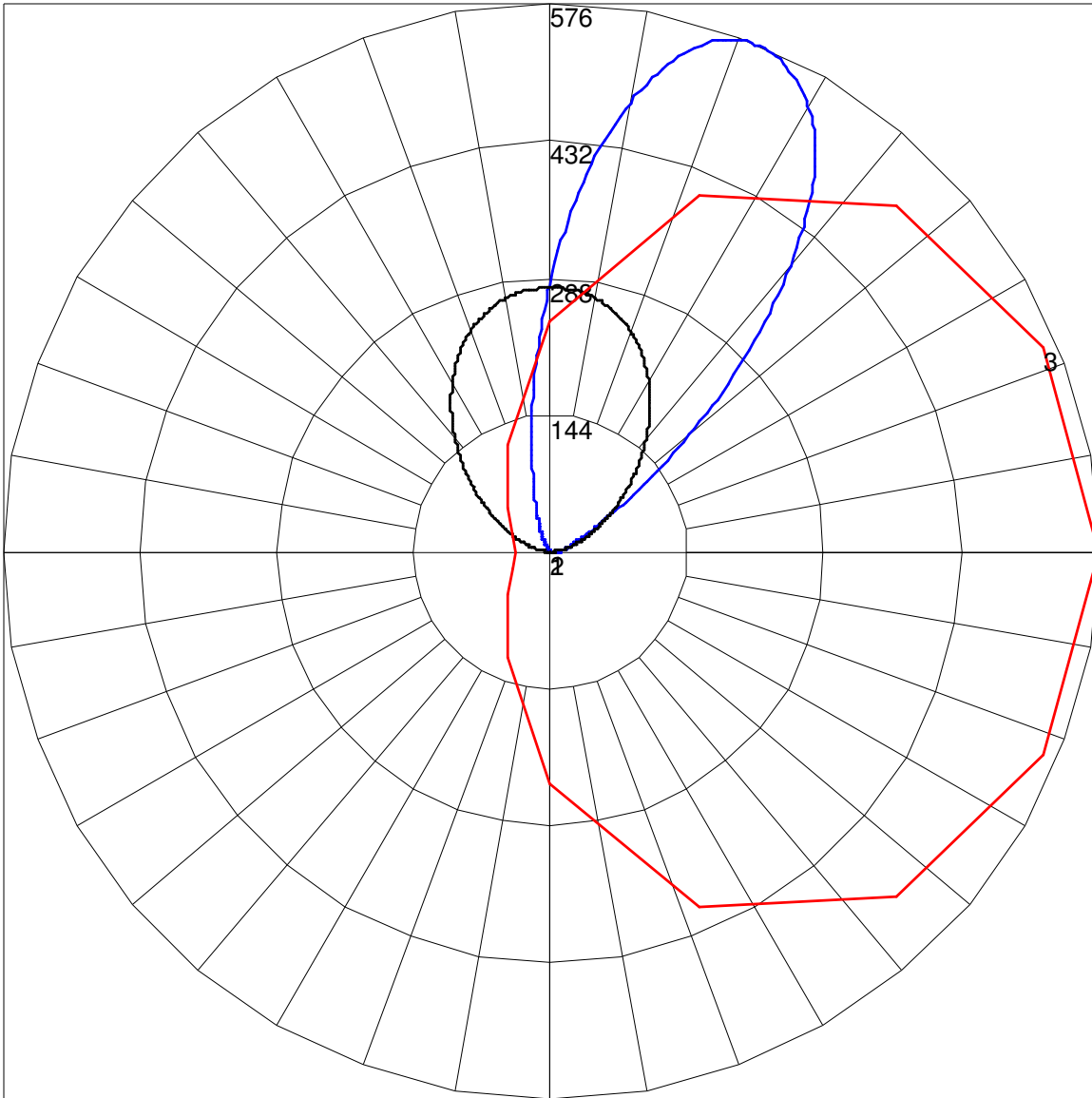
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : C6R-ASY-00-UNVE9-35-LG.IES**

**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	26	9	9	9	0
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	15	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	47	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 = 576.4 Located At Horizontal Angle = 0, Vertical Angle = 159  
# 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 (159) (Through Max. Cd.)