

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

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] 1009  
 [UL TEST] 11750395.02  
 [ECN] 3056  
 [TESTLAB] UL Verification Services Inc.  
 [ISSUEDATE] 5/5/2017  
 [MANUFAC] Tempo LLC  
 [LUMCAT] C6R-LL-00-UNVE9-35-LG  
 [LUMINAIRE] Light gray aluminum housing with lightly frosted lens  
 [LAMP] Twenty (20) white LEDs (3500K)  
 [ELECTRICALS] 120.06 VAC, 0.0729 A, 0.9904 PF, 11.7% ATHD

**CHARACTERISTICS**

|                                 |                     |
|---------------------------------|---------------------|
| Lumens Per Lamp                 | N.A. (absolute)     |
| Total Lamp Lumens               | N.A. (absolute)     |
| Luminaire Lumens                | 981                 |
| Total Luminaire Efficiency      | N.A.                |
| Luminaire Efficacy Rating (LER) | 113                 |
| Total Luminaire Watts           | 8.67311             |
| 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                 | 0.02 ft             |



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

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|------------------|---------------|----------------|----------------|
| 45               | 0             | 0              | 0              |
| 55               | 0             | 0              | 0              |
| 65               | 0             | 0              | 0              |
| 75               | 0             | 0              | 0              |
| 85               | 889           | 989            | 2822           |

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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        | 0.00        |
| 21.5 | 0.00       | 0.00        | 0.00        | 0.00        | 0.00        |
| 22.0 | 0.00       | 0.00        | 0.00        | 0.00        | 0.00        |
| 22.5 | 0.00       | 0.00        | 0.00        | 0.00        | 0.00        |
| 23.0 | 0.00       | 0.00        | 0.00        | 0.00        | 0.00        |
| 23.5 | 0.00       | 0.00        | 0.00        | 0.00        | 0.00        |
| 24.0 | 0.00       | 0.00        | 0.00        | 0.00        | 0.00        |
| 24.5 | 0.00       | 0.00        | 0.00        | 0.00        | 0.00        |
| 25.0 | 0.00       | 0.00        | 0.00        | 0.00        | 0.00        |
| 25.5 | 0.00       | 0.00        | 0.00        | 0.00        | 0.00        |
| 26.0 | 0.00       | 0.00        | 0.00        | 0.00        | 0.00        |
| 26.5 | 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 |
| 27.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 29.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 29.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 31.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 31.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 32.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 32.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 33.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 33.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 34.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 34.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 35.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 35.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 36.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 36.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 37.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 37.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 38.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 38.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 39.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 39.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 41.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 41.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 42.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 42.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 43.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 43.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 44.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 44.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 45.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 45.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 46.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 46.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 47.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 47.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 48.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 48.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 49.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 49.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 51.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 51.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 52.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 52.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 53.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 53.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 54.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 54.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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**CANDELA TABULATION - (Cont.)**

|      |      |      |      |      |      |
|------|------|------|------|------|------|
| 55.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 55.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 56.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 56.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 57.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 57.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 58.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 58.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 59.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 59.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 61.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 61.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 62.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 62.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 63.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 63.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 64.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 64.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 65.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 65.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 66.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 66.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 67.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 67.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 68.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 68.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 69.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 69.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 70.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 70.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 71.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 71.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 72.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 72.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 73.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 73.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 75.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 75.5 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 |
| 76.0 | 0.01 | 0.07 | 0.00 | 0.00 | 0.00 |
| 76.5 | 0.07 | 0.11 | 0.00 | 0.00 | 0.00 |
| 77.0 | 0.12 | 0.16 | 0.00 | 0.00 | 0.00 |
| 77.5 | 0.22 | 0.25 | 0.00 | 0.00 | 0.00 |
| 78.0 | 0.34 | 0.36 | 0.02 | 0.00 | 0.00 |
| 78.5 | 0.46 | 0.46 | 0.06 | 0.00 | 0.00 |
| 79.0 | 0.59 | 0.59 | 0.11 | 0.00 | 0.00 |
| 79.5 | 0.72 | 0.74 | 0.16 | 0.00 | 0.00 |
| 80.0 | 0.87 | 0.90 | 0.27 | 0.00 | 0.00 |
| 80.5 | 1.02 | 1.07 | 0.41 | 0.00 | 0.00 |
| 81.0 | 1.17 | 1.25 | 0.56 | 0.00 | 0.00 |
| 81.5 | 1.34 | 1.44 | 0.75 | 0.00 | 1.95 |
| 82.0 | 1.51 | 1.64 | 0.96 | 0.00 | 1.98 |
| 82.5 | 1.69 | 1.86 | 1.20 | 0.00 | 2.01 |

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**CANDELA TABULATION - (Cont.)**

|       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|
| 83.0  | 1.89  | 2.08  | 1.45  | 0.01  | 4.31  |
| 83.5  | 2.09  | 2.32  | 1.74  | 0.03  | 4.32  |
| 84.0  | 2.30  | 2.57  | 2.04  | 0.06  | 4.32  |
| 84.5  | 2.54  | 2.83  | 2.36  | 0.11  | 4.25  |
| 85.0  | 2.78  | 3.13  | 2.73  | 0.17  | 4.14  |
| 85.5  | 3.03  | 3.44  | 3.09  | 0.27  | 3.98  |
| 86.0  | 3.33  | 3.77  | 3.51  | 0.40  | 3.67  |
| 86.5  | 3.62  | 4.13  | 3.94  | 0.58  | 3.36  |
| 87.0  | 3.95  | 4.52  | 4.42  | 0.82  | 3.04  |
| 87.5  | 4.31  | 4.93  | 4.91  | 1.13  | 2.66  |
| 88.0  | 4.69  | 5.38  | 5.45  | 1.50  | 2.36  |
| 88.5  | 5.10  | 5.87  | 6.01  | 1.95  | 2.14  |
| 89.0  | 5.56  | 6.39  | 6.61  | 2.45  | 1.99  |
| 89.5  | 6.04  | 6.94  | 7.27  | 3.06  | 1.92  |
| 90.0  | 6.56  | 7.55  | 7.96  | 3.74  | 2.03  |
| 90.5  | 7.11  | 8.19  | 8.68  | 4.47  | 2.30  |
| 91.0  | 7.78  | 8.86  | 9.46  | 5.26  | 2.68  |
| 91.5  | 8.45  | 9.62  | 10.28 | 6.11  | 3.22  |
| 92.0  | 9.20  | 10.42 | 11.13 | 7.00  | 3.85  |
| 92.5  | 10.01 | 11.28 | 12.02 | 7.95  | 4.57  |
| 93.0  | 10.90 | 12.18 | 12.99 | 8.97  | 5.43  |
| 93.5  | 11.87 | 13.16 | 13.97 | 10.02 | 6.35  |
| 94.0  | 12.88 | 14.21 | 15.03 | 11.15 | 7.38  |
| 94.5  | 13.99 | 15.32 | 16.15 | 12.30 | 8.47  |
| 95.0  | 15.16 | 16.51 | 17.30 | 13.51 | 9.63  |
| 95.5  | 16.42 | 17.76 | 18.54 | 14.75 | 10.87 |
| 96.0  | 17.80 | 19.10 | 19.81 | 16.07 | 12.18 |
| 96.5  | 19.22 | 20.49 | 21.19 | 17.42 | 13.53 |
| 97.0  | 20.70 | 21.95 | 22.62 | 18.80 | 14.98 |
| 97.5  | 22.33 | 23.50 | 24.08 | 20.27 | 16.50 |
| 98.0  | 23.99 | 25.12 | 25.57 | 21.78 | 18.08 |
| 98.5  | 25.77 | 26.82 | 27.16 | 23.33 | 19.75 |
| 99.0  | 27.60 | 28.60 | 28.81 | 24.92 | 21.50 |
| 99.5  | 29.55 | 30.52 | 30.52 | 26.60 | 23.29 |
| 100.0 | 31.50 | 32.44 | 32.31 | 28.31 | 25.09 |
| 100.5 | 33.56 | 34.42 | 34.12 | 30.06 | 27.02 |
| 101.0 | 35.77 | 36.51 | 36.09 | 31.89 | 28.96 |
| 101.5 | 37.92 | 38.71 | 38.06 | 33.81 | 30.95 |
| 102.0 | 40.24 | 40.91 | 40.11 | 35.76 | 33.03 |
| 102.5 | 42.60 | 43.20 | 42.31 | 37.80 | 35.09 |
| 103.0 | 44.92 | 45.56 | 44.55 | 39.85 | 37.19 |
| 103.5 | 47.52 | 47.96 | 46.80 | 42.00 | 39.44 |
| 104.0 | 49.99 | 50.40 | 49.16 | 44.22 | 41.61 |
| 104.5 | 52.55 | 52.98 | 51.56 | 46.48 | 44.02 |
| 105.0 | 55.45 | 55.63 | 54.09 | 48.81 | 46.37 |
| 105.5 | 58.14 | 58.27 | 56.64 | 51.30 | 48.90 |
| 106.0 | 61.02 | 60.96 | 59.21 | 53.73 | 51.48 |
| 106.5 | 63.92 | 63.72 | 61.90 | 56.24 | 54.07 |
| 107.0 | 66.87 | 66.58 | 64.64 | 58.82 | 56.67 |
| 107.5 | 69.73 | 69.49 | 67.53 | 61.44 | 59.41 |
| 108.0 | 72.75 | 72.47 | 70.38 | 64.12 | 62.30 |
| 108.5 | 76.01 | 75.42 | 73.29 | 66.98 | 65.19 |
| 109.0 | 79.11 | 78.42 | 76.23 | 69.85 | 68.01 |
| 109.5 | 82.33 | 81.43 | 79.17 | 72.76 | 70.97 |
| 110.0 | 85.29 | 84.36 | 82.20 | 75.74 | 73.95 |
| 110.5 | 88.51 | 87.48 | 85.11 | 78.78 | 77.05 |

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| 111.0 | 91.77  | 90.67  | 88.03  | 81.91  | 80.12  |
| 111.5 | 94.54  | 93.83  | 91.26  | 85.15  | 83.37  |
| 112.0 | 97.94  | 97.11  | 94.26  | 88.25  | 86.91  |
| 112.5 | 101.40 | 100.40 | 97.32  | 91.65  | 90.07  |
| 113.0 | 104.50 | 103.60 | 100.40 | 94.86  | 93.56  |
| 113.5 | 108.00 | 106.80 | 103.40 | 98.28  | 97.08  |
| 114.0 | 111.20 | 110.10 | 106.70 | 101.70 | 100.60 |
| 114.5 | 114.30 | 113.40 | 109.80 | 105.10 | 104.40 |
| 115.0 | 118.20 | 116.80 | 112.90 | 108.40 | 108.00 |
| 115.5 | 121.70 | 120.20 | 115.80 | 112.00 | 111.60 |
| 116.0 | 124.90 | 123.70 | 119.10 | 115.40 | 115.10 |
| 116.5 | 128.30 | 126.80 | 122.20 | 119.10 | 118.80 |
| 117.0 | 131.70 | 130.30 | 125.20 | 122.50 | 122.60 |
| 117.5 | 135.30 | 133.40 | 128.50 | 126.30 | 126.40 |
| 118.0 | 138.70 | 137.00 | 131.50 | 129.70 | 130.00 |
| 118.5 | 141.80 | 140.40 | 134.70 | 133.20 | 133.30 |
| 119.0 | 145.30 | 143.60 | 137.90 | 137.10 | 137.10 |
| 119.5 | 148.60 | 146.90 | 141.00 | 140.60 | 141.00 |
| 120.0 | 151.90 | 149.80 | 144.30 | 144.20 | 144.50 |
| 120.5 | 155.10 | 153.00 | 147.60 | 147.80 | 148.10 |
| 121.0 | 158.20 | 156.00 | 150.60 | 151.00 | 151.70 |
| 121.5 | 161.10 | 159.10 | 153.80 | 154.70 | 155.30 |
| 122.0 | 164.50 | 162.00 | 157.00 | 158.10 | 158.60 |
| 122.5 | 167.60 | 164.80 | 160.10 | 161.60 | 162.00 |
| 123.0 | 170.50 | 167.60 | 163.30 | 165.10 | 165.50 |
| 123.5 | 173.20 | 170.60 | 166.40 | 168.70 | 168.90 |
| 124.0 | 176.40 | 173.40 | 169.50 | 172.10 | 172.30 |
| 124.5 | 179.20 | 176.40 | 172.80 | 175.40 | 175.80 |
| 125.0 | 182.10 | 179.20 | 175.90 | 178.80 | 179.10 |
| 125.5 | 184.80 | 182.00 | 179.10 | 182.00 | 182.30 |
| 126.0 | 187.90 | 184.80 | 182.30 | 185.30 | 185.60 |
| 126.5 | 190.40 | 187.60 | 185.60 | 188.50 | 188.80 |
| 127.0 | 193.30 | 190.20 | 188.80 | 191.70 | 191.60 |
| 127.5 | 195.90 | 193.00 | 191.80 | 194.80 | 195.00 |
| 128.0 | 198.50 | 195.90 | 195.10 | 198.10 | 198.40 |
| 128.5 | 201.40 | 198.60 | 198.00 | 201.20 | 201.40 |
| 129.0 | 203.70 | 201.30 | 201.10 | 204.30 | 204.50 |
| 129.5 | 206.50 | 204.00 | 204.10 | 207.60 | 207.60 |
| 130.0 | 209.30 | 206.80 | 206.90 | 210.40 | 210.60 |
| 130.5 | 212.10 | 209.60 | 209.90 | 213.40 | 213.30 |
| 131.0 | 214.50 | 212.10 | 212.80 | 216.20 | 216.50 |
| 131.5 | 217.10 | 214.80 | 215.60 | 218.90 | 219.10 |
| 132.0 | 220.00 | 217.30 | 218.50 | 221.80 | 222.10 |
| 132.5 | 222.60 | 220.10 | 221.30 | 224.70 | 224.70 |
| 133.0 | 225.10 | 222.90 | 223.90 | 227.40 | 227.20 |
| 133.5 | 227.90 | 225.50 | 226.90 | 230.10 | 229.80 |
| 134.0 | 230.50 | 228.20 | 229.70 | 232.80 | 232.40 |
| 134.5 | 233.30 | 231.00 | 232.50 | 235.40 | 234.80 |
| 135.0 | 235.80 | 233.60 | 235.20 | 237.80 | 237.60 |
| 135.5 | 238.70 | 236.30 | 237.70 | 240.40 | 240.20 |
| 136.0 | 241.10 | 239.20 | 240.60 | 243.10 | 242.80 |
| 136.5 | 243.80 | 241.70 | 243.10 | 245.80 | 245.00 |
| 137.0 | 246.60 | 244.30 | 245.70 | 248.40 | 247.50 |
| 137.5 | 248.90 | 246.80 | 248.30 | 250.60 | 250.00 |
| 138.0 | 251.60 | 249.30 | 250.80 | 253.00 | 252.20 |
| 138.5 | 254.10 | 252.20 | 253.40 | 255.20 | 254.50 |

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

**CANDELA TABULATION - (Cont.)**

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| 139.0 | 256.50 | 254.50 | 255.80 | 257.30 | 256.60 |
| 139.5 | 259.40 | 256.80 | 258.40 | 259.70 | 258.90 |
| 140.0 | 261.70 | 259.40 | 260.80 | 262.00 | 261.30 |
| 140.5 | 264.30 | 261.80 | 263.10 | 264.10 | 263.60 |
| 141.0 | 266.90 | 264.20 | 265.50 | 266.50 | 266.10 |
| 141.5 | 269.00 | 266.30 | 267.60 | 268.50 | 268.40 |
| 142.0 | 271.50 | 268.70 | 269.50 | 270.70 | 270.00 |
| 142.5 | 273.50 | 270.80 | 271.90 | 273.10 | 272.60 |
| 143.0 | 275.60 | 273.20 | 274.00 | 275.20 | 274.50 |
| 143.5 | 278.10 | 275.40 | 276.10 | 277.60 | 276.60 |
| 144.0 | 280.50 | 277.50 | 278.30 | 279.50 | 278.70 |
| 144.5 | 282.40 | 279.90 | 280.40 | 281.80 | 280.70 |
| 145.0 | 284.60 | 281.90 | 282.30 | 283.70 | 282.60 |
| 145.5 | 286.70 | 284.10 | 284.60 | 285.60 | 284.50 |
| 146.0 | 288.80 | 286.30 | 286.60 | 287.60 | 286.60 |
| 146.5 | 290.30 | 288.30 | 288.40 | 289.70 | 288.30 |
| 147.0 | 292.80 | 289.90 | 290.60 | 291.20 | 290.00 |
| 147.5 | 294.60 | 291.80 | 292.20 | 293.30 | 291.90 |
| 148.0 | 296.30 | 293.90 | 294.30 | 295.20 | 293.90 |
| 148.5 | 298.00 | 295.40 | 295.70 | 296.80 | 295.60 |
| 149.0 | 300.10 | 297.50 | 297.70 | 298.30 | 297.30 |
| 149.5 | 301.70 | 298.80 | 299.60 | 300.10 | 299.10 |
| 150.0 | 304.00 | 300.60 | 301.00 | 301.90 | 301.00 |
| 150.5 | 305.60 | 302.30 | 302.90 | 303.60 | 302.50 |
| 151.0 | 307.10 | 303.90 | 304.40 | 305.20 | 303.90 |
| 151.5 | 308.80 | 305.70 | 306.20 | 306.70 | 305.80 |
| 152.0 | 310.50 | 307.20 | 307.50 | 308.40 | 307.30 |
| 152.5 | 312.20 | 308.90 | 309.40 | 309.80 | 308.80 |
| 153.0 | 313.30 | 310.50 | 310.60 | 311.30 | 310.30 |
| 153.5 | 314.90 | 312.00 | 312.20 | 312.80 | 311.70 |
| 154.0 | 316.90 | 313.40 | 313.50 | 314.20 | 313.00 |
| 154.5 | 318.40 | 314.60 | 315.10 | 315.60 | 314.70 |
| 155.0 | 319.40 | 316.20 | 316.50 | 317.30 | 316.40 |
| 155.5 | 321.40 | 317.30 | 318.10 | 318.20 | 317.90 |
| 156.0 | 322.50 | 318.80 | 319.40 | 319.70 | 319.20 |
| 156.5 | 323.50 | 319.90 | 320.70 | 321.30 | 320.30 |
| 157.0 | 325.30 | 321.60 | 322.00 | 322.30 | 321.80 |
| 157.5 | 326.50 | 322.40 | 323.30 | 323.30 | 323.00 |
| 158.0 | 327.70 | 323.90 | 324.60 | 324.60 | 324.20 |
| 158.5 | 328.40 | 325.00 | 325.80 | 325.90 | 325.50 |
| 159.0 | 329.90 | 326.20 | 327.00 | 327.10 | 326.40 |
| 159.5 | 330.90 | 327.60 | 328.50 | 328.10 | 327.60 |
| 160.0 | 332.00 | 328.80 | 329.50 | 329.10 | 328.80 |
| 160.5 | 333.20 | 329.90 | 330.50 | 330.30 | 329.50 |
| 161.0 | 334.60 | 330.80 | 331.20 | 331.20 | 330.50 |
| 161.5 | 335.60 | 331.70 | 332.40 | 332.20 | 331.20 |
| 162.0 | 336.30 | 332.30 | 333.30 | 333.30 | 332.50 |
| 162.5 | 337.20 | 333.80 | 334.40 | 334.50 | 333.40 |
| 163.0 | 338.50 | 334.20 | 335.40 | 335.20 | 333.60 |
| 163.5 | 339.10 | 335.10 | 336.30 | 335.80 | 334.60 |
| 164.0 | 340.30 | 335.90 | 337.30 | 336.70 | 335.10 |
| 164.5 | 341.40 | 336.90 | 338.20 | 337.70 | 335.60 |
| 165.0 | 342.10 | 338.00 | 338.60 | 338.30 | 336.80 |
| 165.5 | 342.40 | 338.70 | 339.60 | 339.10 | 337.40 |
| 166.0 | 343.30 | 339.40 | 340.30 | 339.80 | 337.70 |
| 166.5 | 344.40 | 340.10 | 341.10 | 340.60 | 338.70 |

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

**CANDELA TABULATION - (Cont.)**

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| 167.0 | 344.90 | 340.80 | 342.10 | 341.20 | 339.30 |
| 167.5 | 345.80 | 341.50 | 342.60 | 341.80 | 340.10 |
| 168.0 | 346.30 | 342.70 | 343.10 | 342.30 | 339.80 |
| 168.5 | 346.90 | 343.20 | 343.80 | 343.40 | 340.90 |
| 169.0 | 348.40 | 343.90 | 344.50 | 344.00 | 341.40 |
| 169.5 | 348.70 | 344.70 | 345.20 | 344.40 | 341.70 |
| 170.0 | 349.10 | 345.10 | 345.40 | 345.30 | 342.80 |
| 170.5 | 349.70 | 345.70 | 345.80 | 346.00 | 343.00 |
| 171.0 | 350.80 | 346.00 | 346.00 | 345.90 | 343.70 |
| 171.5 | 351.30 | 346.60 | 346.80 | 346.80 | 344.10 |
| 172.0 | 351.50 | 347.30 | 347.40 | 347.20 | 344.70 |
| 172.5 | 352.10 | 347.80 | 347.60 | 347.60 | 345.40 |
| 173.0 | 352.50 | 347.80 | 348.00 | 347.80 | 345.00 |
| 173.5 | 352.80 | 348.50 | 348.80 | 348.20 | 345.40 |
| 174.0 | 353.50 | 348.60 | 348.70 | 348.50 | 346.00 |
| 174.5 | 353.40 | 349.00 | 348.90 | 348.90 | 346.80 |
| 175.0 | 354.10 | 349.60 | 349.30 | 349.20 | 346.60 |
| 175.5 | 354.20 | 349.50 | 349.70 | 349.50 | 346.90 |
| 176.0 | 354.10 | 350.20 | 349.70 | 349.80 | 347.30 |
| 176.5 | 354.60 | 350.10 | 350.20 | 349.80 | 347.60 |
| 177.0 | 354.60 | 350.20 | 350.20 | 350.30 | 347.80 |
| 177.5 | 354.80 | 350.50 | 350.50 | 350.50 | 347.90 |
| 178.0 | 355.00 | 350.60 | 351.00 | 350.70 | 347.90 |
| 178.5 | 354.80 | 350.90 | 351.00 | 350.80 | 348.00 |
| 179.0 | 355.50 | 351.00 | 350.90 | 351.20 | 348.20 |
| 179.5 | 355.30 | 350.90 | 350.90 | 351.00 | 348.10 |
| 180.0 | 351.20 | 351.20 | 351.20 | 351.20 | 351.20 |



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

**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    | 0.00   | N.A.  | 0.00   |
| 0-60    | 0.00   | N.A.  | 0.00   |
| 0-80    | 0.07   | N.A.  | 0.00   |
| 0-90    | 2.88   | N.A.  | 0.30   |
| 10-90   | 2.88   | N.A.  | 0.30   |
| 20-40   | 0.00   | N.A.  | 0.00   |
| 20-50   | 0.00   | N.A.  | 0.00   |
| 40-70   | 0.00   | N.A.  | 0.00   |
| 60-80   | 0.07   | N.A.  | 0.00   |
| 70-80   | 0.07   | N.A.  | 0.00   |
| 80-90   | 2.81   | N.A.  | 0.30   |
| 90-110  | 73.70  | N.A.  | 7.50   |
| 90-120  | 185.46 | N.A.  | 18.90  |
| 90-130  | 344.83 | N.A.  | 35.10  |
| 90-150  | 703.44 | N.A.  | 71.70  |
| 90-180  | 978.36 | N.A.  | 99.70  |
| 110-180 | 904.66 | N.A.  | 92.20  |
| 0-180   | 981.23 | 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   | 0.00   |
| 40-50   | 0.00   |
| 50-60   | 0.00   |
| 60-70   | 0.00   |
| 70-80   | 0.07   |
| 80-90   | 2.81   |
| 90-100  | 17.42  |
| 100-110 | 56.28  |
| 110-120 | 111.76 |
| 120-130 | 159.36 |
| 130-140 | 181.79 |
| 140-150 | 176.83 |
| 150-160 | 146.06 |
| 160-170 | 95.62  |
| 170-180 | 33.24  |

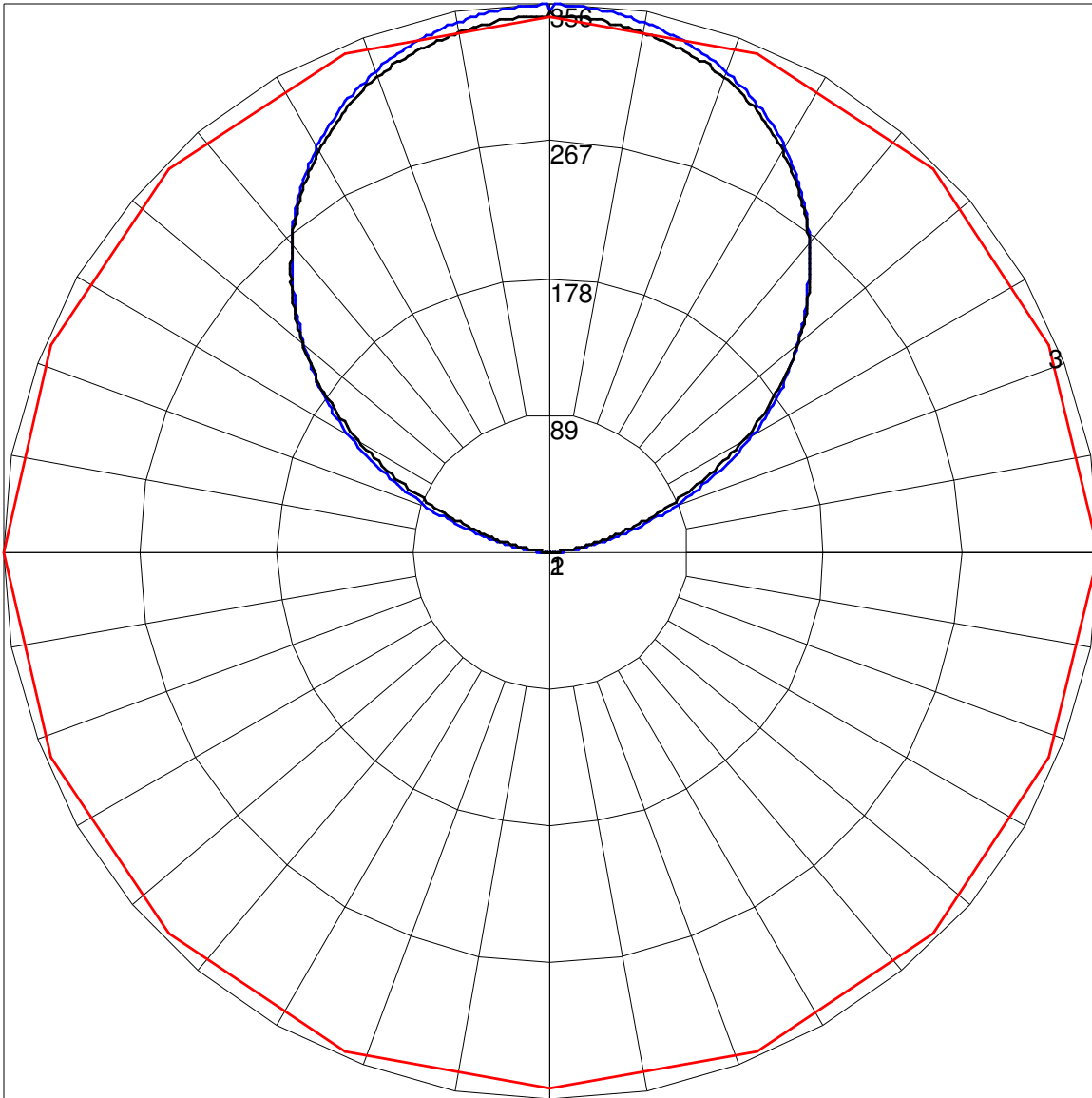
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : C6R-LL-00-UNVE9-35-LG.IES**

**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

| RC<br>RW | 80 |    |    |    | 70 |    |    |    | 50 |    |    | 30 |    |    | 10 |    |    | 0 |
|----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
|          | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |   |
| 0        | 95 | 95 | 95 | 95 | 82 | 82 | 82 | 82 | 56 | 56 | 56 | 32 | 32 | 32 | 10 | 10 | 10 | 0 |
| 1        | 87 | 83 | 79 | 76 | 74 | 71 | 68 | 65 | 48 | 47 | 45 | 28 | 27 | 26 | 9  | 9  | 9  | 0 |
| 2        | 79 | 72 | 66 | 62 | 67 | 62 | 57 | 53 | 42 | 40 | 37 | 24 | 23 | 22 | 8  | 7  | 7  | 0 |
| 3        | 72 | 63 | 56 | 51 | 61 | 54 | 49 | 44 | 37 | 34 | 31 | 21 | 20 | 18 | 7  | 6  | 6  | 0 |
| 4        | 65 | 56 | 48 | 43 | 56 | 48 | 42 | 37 | 33 | 29 | 26 | 19 | 17 | 16 | 6  | 6  | 5  | 0 |
| 5        | 60 | 49 | 42 | 36 | 51 | 42 | 36 | 32 | 29 | 25 | 22 | 17 | 15 | 13 | 5  | 5  | 4  | 0 |
| 6        | 55 | 44 | 36 | 31 | 47 | 38 | 32 | 27 | 26 | 22 | 19 | 15 | 13 | 11 | 5  | 4  | 4  | 0 |
| 7        | 50 | 39 | 32 | 27 | 43 | 34 | 28 | 23 | 23 | 19 | 17 | 14 | 11 | 10 | 4  | 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 = 355.5 Located At Horizontal Angle = 0, Vertical Angle = 179

# 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 (179) (Through Max. Cd.)