

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
 [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 | 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 | 98 |
| 55 | 19 | 11 | 154 |
| 65 | 87 | 51 | 259 |
| 75 | 198 | 131 | 391 |
| 85 | 374 | 347 | 373 |

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 | 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 |

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

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

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 |

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

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

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 |

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

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

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 |

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

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 |

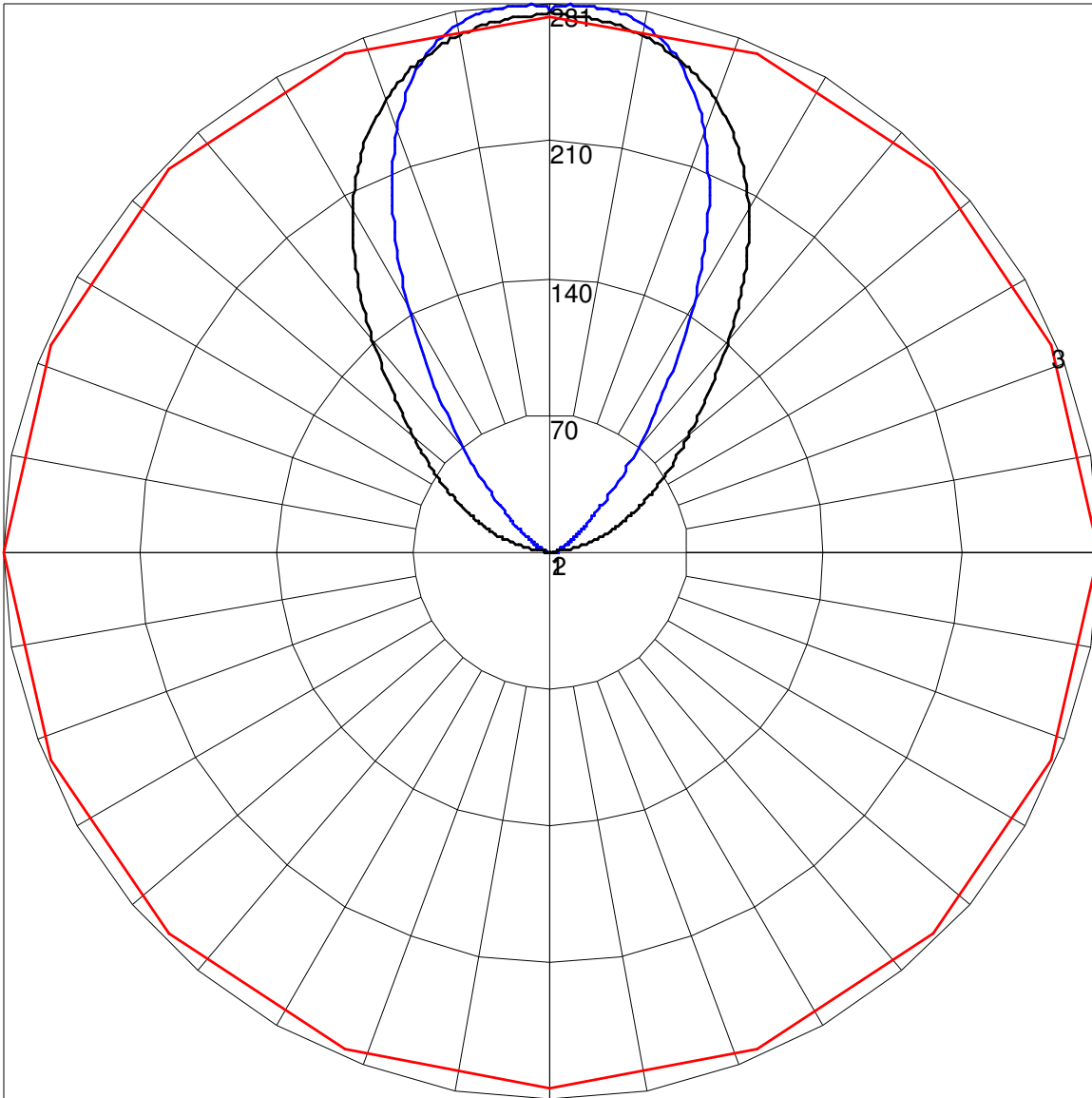
IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6R-60115-00-UNVE5-35-LG .IES

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 | 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.)