



IES INDOOR REPORT

PHOTOMETRIC FILENAME : 6CDRI-TL-L24-9DWU-L24-9DWD-XXX-DIM-UNV-OW-CSU-OM-CSD-WM_3000K.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM BALLABS TEST NO. 20685.0

[TESTLAB] BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC

[ISSUEDATE] 03/12/2021

[MANUFAC] WILLIAMS INDOOR

[OTHER] H.E. WILLIAMS, INC - CARTHAGE, MO

[LUMINAIRE] 6" ROUND DIRECT INDIRECT LED CYLINDER

[MORE] OPEN SEMI-SPEC MED DIST DOWN, WIDE DIST UP

[LUMCAT] 6CDRI-TL-L24-9DWU-L24-9DWD-xxx-DIM-UNV-OW-CSU-OM-CSD-WM

[LAMPCAT] V13 BXRE-35E2000

[_SEARCH_SOURCETYPE] LED

[_SEARCH_APPLICATION] Indoor, Classroom, Commercial, Corridor, Hotel, Industrial, Office

[_SEARCH_MOUNTING] Wall

[_CONVERT] Photometric web converted from original test data

[_CONVERT] Luminaire test position and photometric web converted from original test data

CHARACTERISTICS

| | |
|---------------------------------|--------------------|
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 4147 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 55 |
| Total Luminaire Watts | 75.4 |
| Ballast Factor | 1.00 |
| CIE Type | General Diffuse |
| Spacing Criterion (0-180) | N.A. |
| Spacing Criterion (90-270) | N.A. |
| Spacing Criterion (Diagonal) | N.A. |
| Basic Luminous Shape | Circular |
| Luminous Length (0-180) | 0.37 ft (Diameter) |
| Luminous Width (90-270) | 0.37 ft (Diameter) |
| Luminous Height | 0.00 ft |

LUMINANCE DATA (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45 | 5834 | 5834 | 5834 |
| 55 | 1693 | 1693 | 1693 |
| 65 | 595 | 595 | 595 |
| 75 | 265 | 265 | 265 |
| 85 | 131 | 131 | 131 |

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CANDELA TABULATION

| | <u>0.0</u> | <u>2.5</u> | <u>5.0</u> | <u>7.5</u> | <u>10.0</u> | <u>12.5</u> | <u>15.0</u> | <u>17.5</u> | <u>20.0</u> | <u>22.5</u> |
|-----|------------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 0 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 |
| 5 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 |
| 10 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 |
| 15 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 |
| 20 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 |
| 25 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 |
| 30 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 |
| 35 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 |
| 40 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 |
| 45 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 |
| 50 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 |
| 55 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 |
| 60 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 |
| 65 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 |
| 70 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 |
| 75 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 |
| 80 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 |
| 85 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 |
| 90 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 115 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 120 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 |
| 125 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 |
| 130 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 |
| 135 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 |
| 140 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 |
| 145 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 |
| 150 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 |
| 155 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 |
| 160 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 |
| 165 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 |
| 170 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 |
| 175 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 |
| 180 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 |

Vert. Horizontal Angles

| | <u>25.0</u> | <u>27.5</u> | <u>30.0</u> | <u>32.5</u> | <u>35.0</u> | <u>37.5</u> | <u>40.0</u> | <u>42.5</u> | <u>45.0</u> | <u>47.5</u> |
|----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 0 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 |
| 5 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 |
| 10 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 |
| 15 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 |
| 20 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 |
| 25 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 |
| 30 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 |
| 35 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 |
| 40 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 |
| 45 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 |
| 50 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 |
| 55 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 |
| 60 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 |

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 65 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 |
| 70 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 |
| 75 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 |
| 80 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 |
| 85 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 |
| 90 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 115 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 120 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 |
| 125 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 |
| 130 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 |
| 135 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 |
| 140 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 |
| 145 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 |
| 150 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 |
| 155 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 |
| 160 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 |
| 165 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 |
| 170 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 |
| 175 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 |
| 180 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 |

Vert. Horizontal Angles

| | <u>50.0</u> | <u>52.5</u> | <u>55.0</u> | <u>57.5</u> | <u>60.0</u> | <u>62.5</u> | <u>65.0</u> | <u>67.5</u> | <u>70.0</u> | <u>72.5</u> |
|-----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 0 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 |
| 5 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 |
| 10 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 |
| 15 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 |
| 20 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 |
| 25 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 |
| 30 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 |
| 35 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 |
| 40 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 |
| 45 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 |
| 50 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 |
| 55 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 |
| 60 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 |
| 65 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 |
| 70 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 |
| 75 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 |
| 80 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 |
| 85 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 |
| 90 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 115 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 120 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 |
| 125 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 |
| 130 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 |
| 135 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 |

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 6CDRI-TL-L24-9DWU-L24-9DWD-XXX-DIM-UNV-OW-CSU-OM-CSD-WM_3000K.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 140 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 |
| 145 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 |
| 150 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 |
| 155 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 |
| 160 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 |
| 165 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 |
| 170 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 |
| 175 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 |
| 180 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 |

Vert. Angles

Horizontal Angles

| | <u>75.0</u> | <u>77.5</u> | <u>80.0</u> | <u>82.5</u> | <u>85.0</u> | <u>87.5</u> | <u>90.0</u> | <u>92.5</u> | <u>95.0</u> | <u>97.5</u> |
|-----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 0 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 |
| 5 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 |
| 10 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 |
| 15 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 |
| 20 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 |
| 25 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 |
| 30 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 |
| 35 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 |
| 40 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 |
| 45 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 |
| 50 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 |
| 55 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 |
| 60 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 |
| 65 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 |
| 70 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 |
| 75 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 |
| 80 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 |
| 85 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 |
| 90 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 115 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 120 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 |
| 125 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 |
| 130 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 |
| 135 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 |
| 140 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 |
| 145 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 |
| 150 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 |
| 155 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 |
| 160 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 |
| 165 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 |
| 170 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 |
| 175 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 |
| 180 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 |

Vert. Angles

Horizontal Angles

| | <u>100.0</u> | <u>102.5</u> | <u>105.0</u> | <u>107.5</u> | <u>110.0</u> | <u>112.5</u> | <u>115.0</u> | <u>117.5</u> | <u>120.0</u> | <u>122.5</u> |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 0 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 |
| 5 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 |

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 6CDRI-TL-L24-9DWU-L24-9DWD-XXX-DIM-UNV-OW-CSU-OM-CSD-WM_3000K.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 10 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 |
| 15 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 |
| 20 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 |
| 25 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 |
| 30 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 |
| 35 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 |
| 40 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 |
| 45 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 |
| 50 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 |
| 55 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 |
| 60 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 |
| 65 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 |
| 70 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 |
| 75 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 |
| 80 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 |
| 85 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 |
| 90 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 115 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 120 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 |
| 125 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 |
| 130 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 |
| 135 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 |
| 140 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 |
| 145 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 |
| 150 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 |
| 155 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 |
| 160 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 |
| 165 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 |
| 170 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 |
| 175 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 |
| 180 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 |

Vert. Horizontal Angles

| | <u>125.0</u> | <u>127.5</u> | <u>130.0</u> | <u>132.5</u> | <u>135.0</u> | <u>137.5</u> | <u>140.0</u> | <u>142.5</u> | <u>145.0</u> | <u>147.5</u> |
|----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 0 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 |
| 5 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 |
| 10 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 |
| 15 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 |
| 20 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 |
| 25 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 |
| 30 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 |
| 35 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 |
| 40 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 |
| 45 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 |
| 50 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 |
| 55 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 |
| 60 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 |
| 65 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 |
| 70 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 |
| 75 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 |
| 80 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 |

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 6CDRI-TL-L24-9DWU-L24-9DWD-XXX-DIM-UNV-OW-CSU-OM-CSD-WM_3000K.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 85 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 |
| 90 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 115 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 120 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 |
| 125 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 |
| 130 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 |
| 135 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 |
| 140 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 |
| 145 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 |
| 150 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 |
| 155 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 |
| 160 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 |
| 165 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 |
| 170 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 |
| 175 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 |
| 180 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 |

**Vert.
Angles**

Horizontal Angles

| | <u>150.0</u> | <u>152.5</u> | <u>155.0</u> | <u>157.5</u> | <u>160.0</u> | <u>162.5</u> | <u>165.0</u> | <u>167.5</u> | <u>170.0</u> | <u>172.5</u> |
|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 0 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 |
| 5 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 |
| 10 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 |
| 15 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 |
| 20 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 |
| 25 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 |
| 30 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 |
| 35 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 |
| 40 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 |
| 45 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 |
| 50 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 |
| 55 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 |
| 60 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 |
| 65 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 |
| 70 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 |
| 75 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 |
| 80 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 |
| 85 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 |
| 90 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 115 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 120 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 |
| 125 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 |
| 130 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 |
| 135 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 |
| 140 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 |
| 145 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 |
| 150 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 |
| 155 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 |

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 6CDRI-TL-L24-9DWU-L24-9DWD-XXX-DIM-UNV-OW-CSU-OM-CSD-WM_3000K.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 160 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 |
| 165 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 |
| 170 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 |
| 175 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 |
| 180 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 |

**Vert.
Angles**

Horizontal Angles

| | <u>175.0</u> | <u>177.5</u> | <u>180.0</u> | <u>182.5</u> | <u>185.0</u> | <u>187.5</u> | <u>190.0</u> | <u>192.5</u> | <u>195.0</u> | <u>197.5</u> |
|------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 0 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 |
| 5 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 |
| 10 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 |
| 15 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 |
| 20 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 |
| 25 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 |
| 30 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 |
| 35 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 |
| 40 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 |
| 45 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 |
| 50 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 |
| 55 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 |
| 60 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 |
| 65 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 |
| 70 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 |
| 75 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 |
| 80 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 |
| 85 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 |
| 90 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 115 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 120 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 |
| 125 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 |
| 130 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 |
| 135 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 |
| 140 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 |
| 145 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 |
| 150 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 |
| 155 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 |
| 160 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 |
| 165 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 |
| 170 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 |
| 175 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 |
| 180 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 |

**Vert.
Angles**

Horizontal Angles

| | <u>200.0</u> | <u>202.5</u> | <u>205.0</u> | <u>207.5</u> | <u>210.0</u> | <u>212.5</u> | <u>215.0</u> | <u>217.5</u> | <u>220.0</u> | <u>222.5</u> |
|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 0 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 |
| 5 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 |
| 10 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 |
| 15 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 |
| 20 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 |
| 25 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 |

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 6CDRI-TL-L24-9DWU-L24-9DWD-XXX-DIM-UNV-OW-CSU-OM-CSD-WM_3000K.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 30 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 |
| 35 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 |
| 40 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 |
| 45 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 |
| 50 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 |
| 55 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 |
| 60 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 |
| 65 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 |
| 70 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 |
| 75 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 |
| 80 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 |
| 85 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 |
| 90 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 115 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 120 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 |
| 125 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 |
| 130 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 |
| 135 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 |
| 140 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 |
| 145 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 |
| 150 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 |
| 155 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 |
| 160 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 |
| 165 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 |
| 170 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 |
| 175 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 |
| 180 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 |

Vert. Horizontal Angles

| | <u>225.0</u> | <u>227.5</u> | <u>230.0</u> | <u>232.5</u> | <u>235.0</u> | <u>237.5</u> | <u>240.0</u> | <u>242.5</u> | <u>245.0</u> | <u>247.5</u> |
|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 0 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 |
| 5 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 |
| 10 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 |
| 15 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 |
| 20 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 |
| 25 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 |
| 30 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 |
| 35 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 |
| 40 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 |
| 45 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 |
| 50 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 |
| 55 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 |
| 60 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 |
| 65 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 |
| 70 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 |
| 75 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 |
| 80 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 |
| 85 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 |
| 90 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 6CDRI-TL-L24-9DWU-L24-9DWD-XXX-DIM-UNV-OW-CSU-OM-CSD-WM_3000K.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 105 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 115 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 120 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 |
| 125 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 |
| 130 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 |
| 135 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 |
| 140 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 |
| 145 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 |
| 150 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 |
| 155 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 |
| 160 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 |
| 165 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 |
| 170 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 |
| 175 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 |
| 180 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 |

Vert. Horizontal Angles

| | <u>250.0</u> | <u>252.5</u> | <u>255.0</u> | <u>257.5</u> | <u>260.0</u> | <u>262.5</u> | <u>265.0</u> | <u>267.5</u> | <u>270.0</u> | <u>272.5</u> |
|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 0 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 |
| 5 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 |
| 10 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 |
| 15 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 |
| 20 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 |
| 25 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 |
| 30 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 |
| 35 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 |
| 40 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 |
| 45 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 |
| 50 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 |
| 55 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 |
| 60 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 |
| 65 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 |
| 70 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 |
| 75 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 |
| 80 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 |
| 85 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 |
| 90 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 115 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 120 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 |
| 125 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 |
| 130 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 |
| 135 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 |
| 140 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 |
| 145 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 |
| 150 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 |
| 155 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 |
| 160 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 |
| 165 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 |
| 170 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 |
| 175 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 |

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 6CDRI-TL-L24-9DWU-L24-9DWD-XXX-DIM-UNV-OW-CSU-OM-CSD-WM_3000K.IES

CANDELA TABULATION - (Cont.)

180 1621.000 1621.000 1621.000 1621.000 1621.000 1621.000 1621.000 1621.000 1621.000 1621.000

Vert. Horizontal Angles
Angles

| | <u>275.0</u> | <u>277.5</u> | <u>280.0</u> | <u>282.5</u> | <u>285.0</u> | <u>287.5</u> | <u>290.0</u> | <u>292.5</u> | <u>295.0</u> | <u>297.5</u> |
|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 0 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 |
| 5 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 |
| 10 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 |
| 15 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 |
| 20 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 |
| 25 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 |
| 30 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 |
| 35 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 |
| 40 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 |
| 45 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 |
| 50 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 |
| 55 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 |
| 60 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 |
| 65 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 |
| 70 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 |
| 75 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 |
| 80 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 |
| 85 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 |
| 90 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 115 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 120 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 |
| 125 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 |
| 130 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 |
| 135 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 |
| 140 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 |
| 145 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 |
| 150 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 |
| 155 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 |
| 160 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 |
| 165 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 |
| 170 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 |
| 175 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 |
| 180 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 |

Vert. Horizontal Angles
Angles

| | <u>300.0</u> | <u>302.5</u> | <u>305.0</u> | <u>307.5</u> | <u>310.0</u> | <u>312.5</u> | <u>315.0</u> | <u>317.5</u> | <u>320.0</u> | <u>322.5</u> |
|----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 0 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 |
| 5 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 |
| 10 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 |
| 15 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 |
| 20 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 |
| 25 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 |
| 30 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 |
| 35 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 |
| 40 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 |
| 45 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 |

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 6CDRI-TL-L24-9DWU-L24-9DWD-XXX-DIM-UNV-OW-CSU-OM-CSD-WM_3000K.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 50 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 |
| 55 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 |
| 60 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 |
| 65 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 |
| 70 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 |
| 75 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 |
| 80 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 |
| 85 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 |
| 90 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 115 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 120 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 |
| 125 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 |
| 130 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 |
| 135 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 |
| 140 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 |
| 145 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 |
| 150 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 |
| 155 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 |
| 160 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 |
| 165 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 |
| 170 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 |
| 175 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 |
| 180 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 |

Vert. Horizontal Angles

| | <u>325.0</u> | <u>327.5</u> | <u>330.0</u> | <u>332.5</u> | <u>335.0</u> | <u>337.5</u> | <u>340.0</u> | <u>342.5</u> | <u>345.0</u> | <u>347.5</u> |
|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 0 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 |
| 5 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 |
| 10 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 |
| 15 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 |
| 20 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 |
| 25 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 |
| 30 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 |
| 35 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 |
| 40 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 |
| 45 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 |
| 50 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 |
| 55 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 |
| 60 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 |
| 65 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 |
| 70 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 |
| 75 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 |
| 80 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 |
| 85 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 |
| 90 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 115 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 120 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 |

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 6CDRI-TL-L24-9DWU-L24-9DWD-XXX-DIM-UNV-OW-CSU-OM-CSD-WM_3000K.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 125 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 |
| 130 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 |
| 135 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 |
| 140 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 |
| 145 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 |
| 150 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 |
| 155 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 |
| 160 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 |
| 165 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 |
| 170 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 |
| 175 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 |
| 180 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 |

Vert. Horizontal Angles

| | <u>350.0</u> | <u>352.5</u> | <u>355.0</u> | <u>357.5</u> | <u>360.0</u> |
|-----|--------------|--------------|--------------|--------------|--------------|
| 0 | 4504.258 | 4504.258 | 4504.258 | 4504.258 | 4504.258 |
| 5 | 4457.559 | 4457.559 | 4457.559 | 4457.559 | 4457.559 |
| 10 | 3362.349 | 3362.349 | 3362.349 | 3362.349 | 3362.349 |
| 15 | 2570.685 | 2570.685 | 2570.685 | 2570.685 | 2570.685 |
| 20 | 2278.259 | 2278.259 | 2278.259 | 2278.259 | 2278.259 |
| 25 | 1990.280 | 1990.280 | 1990.280 | 1990.280 | 1990.280 |
| 30 | 1125.231 | 1125.231 | 1125.231 | 1125.231 | 1125.231 |
| 35 | 174.566 | 174.566 | 174.566 | 174.566 | 174.566 |
| 40 | 68.270 | 68.270 | 68.270 | 68.270 | 68.270 |
| 45 | 40.139 | 40.139 | 40.139 | 40.139 | 40.139 |
| 50 | 20.792 | 20.792 | 20.792 | 20.792 | 20.792 |
| 55 | 9.451 | 9.451 | 9.451 | 9.451 | 9.451 |
| 60 | 4.670 | 4.670 | 4.670 | 4.670 | 4.670 |
| 65 | 2.446 | 2.446 | 2.446 | 2.446 | 2.446 |
| 70 | 1.223 | 1.223 | 1.223 | 1.223 | 1.223 |
| 75 | 0.667 | 0.667 | 0.667 | 0.667 | 0.667 |
| 80 | 0.222 | 0.222 | 0.222 | 0.222 | 0.222 |
| 85 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 |
| 90 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 115 | 0.896 | 0.896 | 0.896 | 0.896 | 0.896 |
| 120 | 4.478 | 4.478 | 4.478 | 4.478 | 4.478 |
| 125 | 9.853 | 9.853 | 9.853 | 9.853 | 9.853 |
| 130 | 20.601 | 20.601 | 20.601 | 20.601 | 20.601 |
| 135 | 39.410 | 39.410 | 39.410 | 39.410 | 39.410 |
| 140 | 71.655 | 71.655 | 71.655 | 71.655 | 71.655 |
| 145 | 274.975 | 274.975 | 274.975 | 274.975 | 274.975 |
| 150 | 1565.658 | 1565.658 | 1565.658 | 1565.658 | 1565.658 |
| 155 | 1998.273 | 1998.273 | 1998.273 | 1998.273 | 1998.273 |
| 160 | 1833.467 | 1833.467 | 1833.467 | 1833.467 | 1833.467 |
| 165 | 1755.543 | 1755.543 | 1755.543 | 1755.543 | 1755.543 |
| 170 | 1719.715 | 1719.715 | 1719.715 | 1719.715 | 1719.715 |
| 175 | 1669.557 | 1669.557 | 1669.557 | 1669.557 | 1669.557 |
| 180 | 1621.000 | 1621.000 | 1621.000 | 1621.000 | 1621.000 |

IES INDOOR REPORT**PHOTOMETRIC FILENAME : 6CDRI-TL-L24-9DWU-L24-9DWD-XXX-DIM-UNV-OW-CSU-OM-CSD-WM_3000K.IES****ZONAL LUMEN SUMMARY**

| Zone | Lumens | %Lamp | %Fixt |
|---------|---------|-------|--------|
| 0-20 | 1138.44 | N.A. | 27.50 |
| 0-30 | 1980.4 | N.A. | 47.80 |
| 0-40 | 2212.32 | N.A. | 53.30 |
| 0-60 | 2254.55 | N.A. | 54.40 |
| 0-80 | 2257.94 | N.A. | 54.40 |
| 0-90 | 2258.06 | N.A. | 54.50 |
| 10-90 | 1871.18 | N.A. | 45.10 |
| 20-40 | 1073.88 | N.A. | 25.90 |
| 20-50 | 1106.27 | N.A. | 26.70 |
| 40-70 | 44.88 | N.A. | 1.10 |
| 60-80 | 3.39 | N.A. | 0.10 |
| 70-80 | 0.73 | N.A. | 0.00 |
| 80-90 | 0.12 | N.A. | 0.00 |
| 90-110 | 0.23 | N.A. | 0.00 |
| 90-120 | 1.99 | N.A. | 0.00 |
| 90-130 | 11.93 | N.A. | 0.30 |
| 90-150 | 373.50 | N.A. | 9.00 |
| 90-180 | 1888.91 | N.A. | 45.50 |
| 110-180 | 1888.68 | N.A. | 45.50 |
| 0-180 | 4146.97 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 386.88 |
| 10-20 | 751.56 |
| 20-30 | 841.96 |
| 30-40 | 231.92 |
| 40-50 | 32.38 |
| 50-60 | 9.84 |
| 60-70 | 2.66 |
| 70-80 | 0.73 |
| 80-90 | 0.12 |
| 90-100 | 0.00 |
| 100-110 | 0.23 |
| 110-120 | 1.76 |
| 120-130 | 9.93 |
| 130-140 | 32.69 |
| 140-150 | 328.88 |
| 150-160 | 852.90 |
| 160-170 | 501.93 |
| 170-180 | 160.58 |

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 6CDRI-TL-L24-9DWU-L24-9DWD-XXX-DIM-UNV-OW-CSU-OM-CSD-WM_3000K.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 | 108 | 108 | 108 | 108 | 100 | 100 | 100 | 100 | 86 | 86 | 86 | 72 | 72 | 72 | 60 | 60 | 60 | 54 |
| 1 | 102 | 98 | 96 | 93 | 94 | 92 | 89 | 87 | 79 | 78 | 76 | 68 | 67 | 66 | 58 | 57 | 56 | 52 |
| 2 | 95 | 90 | 86 | 82 | 89 | 84 | 81 | 77 | 74 | 71 | 69 | 64 | 62 | 61 | 55 | 54 | 53 | 49 |
| 3 | 90 | 83 | 77 | 73 | 84 | 78 | 73 | 69 | 69 | 65 | 63 | 60 | 58 | 56 | 52 | 51 | 50 | 46 |
| 4 | 84 | 76 | 70 | 66 | 79 | 72 | 67 | 63 | 64 | 60 | 58 | 57 | 54 | 52 | 50 | 48 | 47 | 44 |
| 5 | 80 | 71 | 65 | 60 | 75 | 67 | 62 | 58 | 60 | 56 | 53 | 54 | 51 | 49 | 48 | 46 | 44 | 42 |
| 6 | 75 | 66 | 60 | 55 | 71 | 63 | 57 | 53 | 57 | 52 | 49 | 51 | 48 | 46 | 46 | 43 | 42 | 39 |
| 7 | 71 | 62 | 55 | 51 | 67 | 59 | 53 | 49 | 53 | 49 | 46 | 48 | 45 | 43 | 43 | 41 | 40 | 37 |
| 8 | 67 | 58 | 52 | 47 | 64 | 55 | 50 | 46 | 50 | 46 | 43 | 46 | 43 | 40 | 42 | 39 | 38 | 36 |
| 9 | 64 | 54 | 48 | 44 | 61 | 52 | 47 | 43 | 48 | 44 | 41 | 44 | 40 | 38 | 40 | 37 | 36 | 34 |
| 10 | 61 | 51 | 45 | 42 | 58 | 49 | 44 | 40 | 45 | 41 | 38 | 42 | 38 | 36 | 38 | 36 | 34 | 32 |

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 6CDRI-TL-L24-9DWU-L24-9DWD-XXX-DIM-UNV-OW-CSU-OM-CSD-WM_3000K.IES

UGR TABLE - CORRECTED

Reflectances

| | | | | | | | | | | |
|----------------|----|----|----|----|----|----|----|----|----|----|
| Ceiling Cavity | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 |
| Walls | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 |
| Floor Cavity | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |

Room Size UGR Viewed Crosswise

| | | | | | | | | | | |
|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| X=2H | Y=2H | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 |
| | 3H | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 |
| | 4H | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 |
| | 6H | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 |
| | 8H | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 |
| | 12H | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 |

UGR Viewed Endwise

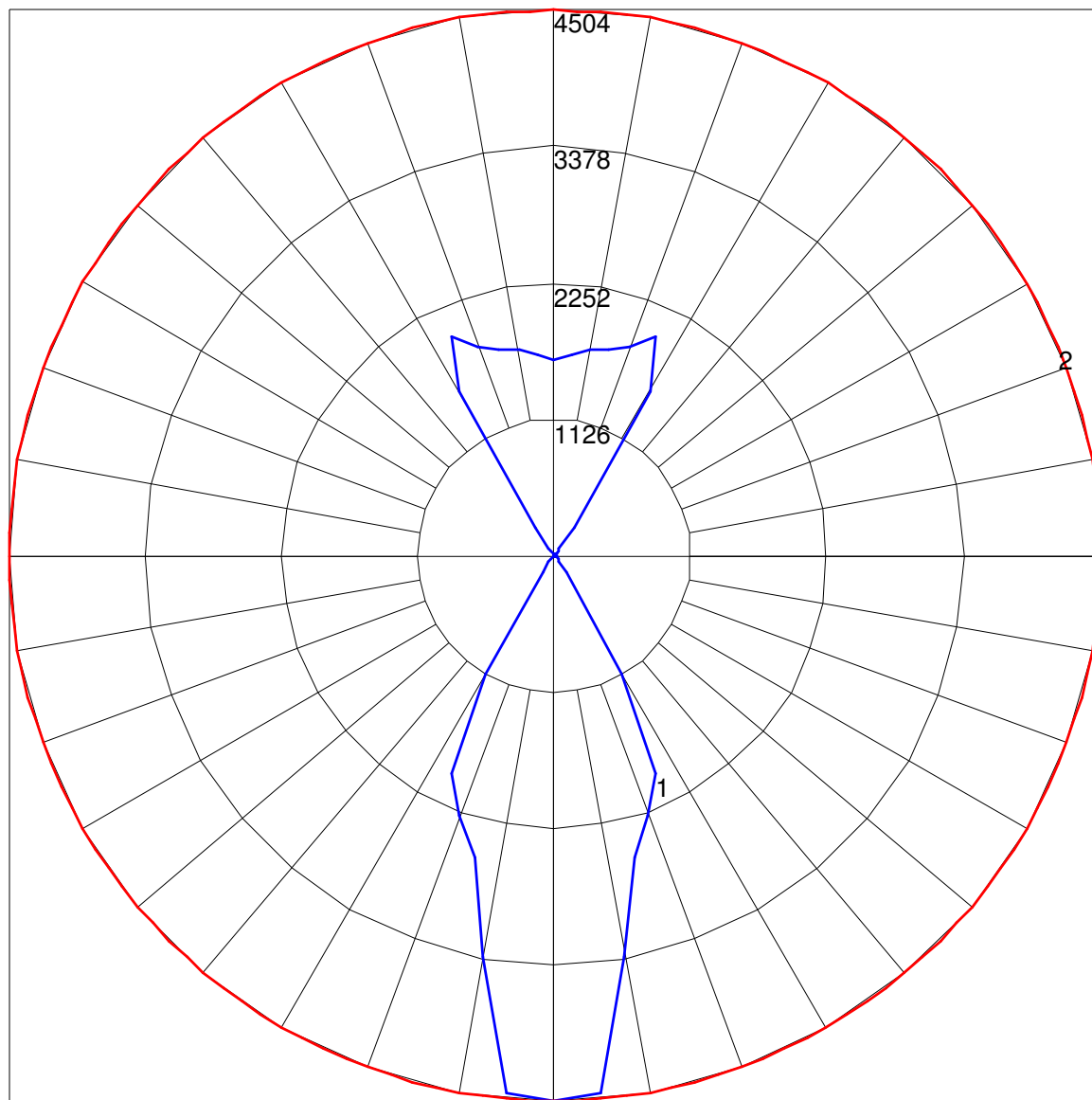
| | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 4H | 2H | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 |
| | 3H | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 |
| | 4H | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 |
| | 6H | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 |
| | 8H | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 |
| | 12H | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 |
| 8H | 4H | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 |
| | 6H | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 |
| | 8H | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 |
| | 12H | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 |
| 12H | 4H | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 |
| | 6H | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 |
| | 8H | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 |

Maximum UGR = 4.9

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 6CDRI-TL-L24-9DWU-L24-9DWD-XXX-DIM-UNV-OW-CSU-OM-CSD-WM_3000K.IES

POLAR GRAPH



Maximum Candela = 4504.258 Located At Horizontal Angle = 0, Vertical Angle = 0

1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)