



IES INDOOR REPORT

PHOTOMETRIC FILENAME : MC-LED35-MO.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L091403101R01
 [TESTLAB] LIGHT LABORATORY, INC.
 [ISSUE DATE] 10/20/2014
 [MANUFAC] PRUDENTIAL LIGHTING
 [LUMCAT] MC-LED35-MO-04
 [LUMINAIRE] 5-1/2"L X 48-1/2"W X 2-1/2"H. LED LUMINAIRE
 [MORE] PRISMATIC LENS
 [BALLASTCAT] OSRAM
 [BALLAST] INPUT: 120-277VAC, 0.52-0.24A, 50/60HZ. OUTPUT: 10-55VDC, 0.4-1.4A
 [LAMPPOSITION] 0,0
 [LAMPCAT] N/A
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
 [TEST PROCEDURE] IESNA:LM-79-08

CHARACTERISTICS

| | |
|---------------------------------|---------------------|
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 2951 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 105 |
| Total Luminaire Watts | 28 |
| 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) | 0.17 ft |
| Luminous Width (90-270) | 3.99 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 | 0 |
| 55 | 0 | 0 | 0 |
| 65 | 0 | 0 | 0 |
| 75 | 213 | 225 | 0 |
| 85 | 1468 | 558 | 0 |

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CANDELA TABULATION

| | <u>0</u> | <u>5</u> | <u>10</u> | <u>15</u> | <u>20</u> | <u>25</u> | <u>30</u> | <u>35</u> | <u>40</u> | <u>45</u> |
|--------------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 12.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 15.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 17.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 20.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 27.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 32.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 35.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 37.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 42.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 45.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 47.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 52.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 55.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 57.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 62.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 65.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 67.5 | 3.92 | 3.92 | 3.92 | 3.92 | 3.92 | 3.92 | 3.92 | 3.92 | 3.92 | 3.92 |
| 70.0 | 7.84 | 7.84 | 7.84 | 7.84 | 7.84 | 7.84 | 7.84 | 7.84 | 6.86 | 6.86 |
| 72.5 | 8.82 | 8.82 | 7.84 | 7.84 | 7.84 | 7.84 | 7.84 | 7.84 | 7.84 | 7.84 |
| 75.0 | 8.82 | 8.82 | 7.84 | 7.84 | 7.84 | 7.84 | 7.84 | 7.84 | 7.84 | 7.84 |
| 77.5 | 8.82 | 8.82 | 8.82 | 8.82 | 8.82 | 8.82 | 8.82 | 8.82 | 8.82 | 8.82 |
| 80.0 | 8.82 | 8.82 | 8.82 | 8.82 | 9.80 | 9.80 | 8.82 | 8.82 | 9.80 | 8.82 |
| 82.5 | 27.44 | 27.44 | 26.46 | 24.50 | 23.52 | 21.56 | 17.64 | 14.70 | 12.74 | 11.76 |
| 85.0 | 46.06 | 45.08 | 43.12 | 40.18 | 36.26 | 32.34 | 25.48 | 20.58 | 14.70 | 13.72 |
| 87.5 | 194.04 | 193.06 | 190.12 | 186.20 | 178.36 | 169.54 | 158.76 | 148.96 | 133.28 | 120.54 |
| 90.0 | 342.02 | 340.06 | 336.14 | 331.24 | 319.48 | 306.74 | 292.04 | 276.36 | 251.86 | 226.38 |
| 92.5 | 533.12 | 531.16 | 525.28 | 516.46 | 501.76 | 485.10 | 464.52 | 441.98 | 411.60 | 378.28 |
| 95.0 | 724.22 | 721.28 | 713.44 | 701.68 | 684.04 | 662.48 | 637.00 | 607.60 | 571.34 | 530.18 |
| 97.5 | 966.28 | 962.36 | 952.56 | 936.88 | 917.28 | 890.82 | 858.48 | 818.30 | 770.28 | 708.54 |
| 100.0 | 1207.36 | 1202.46 | 1191.68 | 1172.08 | 1149.54 | 1119.16 | 1079.96 | 1029.00 | 969.22 | 886.90 |
| 102.5 | 1487.64 | 1482.74 | 1469.02 | 1448.44 | 1420.02 | 1374.94 | 1320.06 | 1255.38 | 1167.18 | 1051.54 |
| 105.0 | 1746.36 | 1740.48 | 1725.78 | 1702.26 | 1662.08 | 1602.30 | 1537.62 | 1447.46 | 1328.88 | 1166.20 |
| 107.5 | 1909.04 | 1901.20 | 1884.54 | 1855.14 | 1801.24 | 1737.54 | 1653.26 | 1541.54 | 1384.74 | 1189.72 |
| 110.0 | 1956.08 | 1950.20 | 1929.62 | 1893.36 | 1841.42 | 1766.94 | 1667.96 | 1530.76 | 1351.42 | 1146.60 |
| 112.5 | 1946.28 | 1941.38 | 1917.86 | 1879.64 | 1821.82 | 1730.68 | 1615.04 | 1460.20 | 1278.90 | 1083.88 |
| 115.0 | 1905.12 | 1899.24 | 1866.90 | 1827.70 | 1752.24 | 1650.32 | 1520.96 | 1368.08 | 1197.56 | 1024.10 |
| 117.5 | 1824.76 | 1815.94 | 1777.72 | 1730.68 | 1651.30 | 1543.50 | 1416.10 | 1277.92 | 1127.00 | 974.12 |
| 120.0 | 1713.04 | 1703.24 | 1666.98 | 1612.10 | 1533.70 | 1434.72 | 1324.96 | 1202.46 | 1071.14 | 934.92 |
| 122.5 | 1604.26 | 1593.48 | 1558.20 | 1507.24 | 1436.68 | 1352.40 | 1255.38 | 1147.58 | 1029.98 | 902.58 |
| 125.0 | 1513.12 | 1501.36 | 1470.98 | 1425.90 | 1363.18 | 1290.66 | 1205.40 | 1106.42 | 993.72 | 873.18 |
| 127.5 | 1425.90 | 1415.12 | 1388.66 | 1349.46 | 1296.54 | 1232.84 | 1157.38 | 1060.36 | 953.54 | 842.80 |
| 130.0 | 1351.42 | 1342.60 | 1318.10 | 1286.74 | 1240.68 | 1180.90 | 1106.42 | 1013.32 | 913.36 | 814.38 |
| 132.5 | 1291.64 | 1283.80 | 1262.24 | 1230.88 | 1185.80 | 1127.00 | 1053.50 | 967.26 | 876.12 | 791.84 |

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| 135.0 | 1232.84 | 1224.02 | 1203.44 | 1171.10 | 1127.00 | 1070.16 | 1000.58 | 924.14 | 843.78 | 771.26 |
| 137.5 | 1170.12 | 1162.28 | 1141.70 | 1110.34 | 1067.22 | 1013.32 | 951.58 | 884.94 | 817.32 | 755.58 |
| 140.0 | 1101.52 | 1093.68 | 1075.06 | 1046.64 | 1006.46 | 958.44 | 904.54 | 849.66 | 793.80 | 737.94 |
| 142.5 | 1030.96 | 1023.12 | 1007.44 | 981.96 | 947.66 | 907.48 | 863.38 | 817.32 | 770.28 | 722.26 |
| 145.0 | 961.38 | 956.48 | 942.76 | 923.16 | 896.70 | 864.36 | 828.10 | 788.90 | 747.74 | 706.58 |
| 147.5 | 914.34 | 910.42 | 897.68 | 881.02 | 857.50 | 829.08 | 796.74 | 763.42 | 727.16 | 689.92 |
| 150.0 | 867.30 | 863.38 | 852.60 | 837.90 | 818.30 | 793.80 | 766.36 | 736.96 | 706.58 | 674.24 |
| 152.5 | 819.28 | 817.32 | 807.52 | 795.76 | 778.12 | 757.54 | 735.00 | 711.48 | 685.02 | 657.58 |
| 155.0 | 772.24 | 770.28 | 762.44 | 752.64 | 738.92 | 722.26 | 703.64 | 685.02 | 664.44 | 640.92 |
| 157.5 | 739.90 | 737.94 | 731.08 | 723.24 | 711.48 | 697.76 | 682.08 | 665.42 | 647.78 | 627.20 |
| 160.0 | 707.56 | 705.60 | 700.70 | 693.84 | 684.04 | 673.26 | 659.54 | 645.82 | 631.12 | 612.50 |
| 162.5 | 675.22 | 673.26 | 669.34 | 664.44 | 656.60 | 647.78 | 637.98 | 626.22 | 613.48 | 598.78 |
| 165.0 | 642.88 | 640.92 | 637.98 | 635.04 | 629.16 | 623.28 | 615.44 | 606.62 | 596.82 | 584.08 |
| 167.5 | 618.38 | 616.42 | 614.46 | 611.52 | 606.62 | 601.72 | 595.84 | 588.98 | 580.16 | 570.36 |
| 170.0 | 592.90 | 591.92 | 589.96 | 588.00 | 584.08 | 581.14 | 576.24 | 570.36 | 564.48 | 556.64 |
| 172.5 | 567.42 | 567.42 | 565.46 | 564.48 | 561.54 | 559.58 | 555.66 | 551.74 | 547.82 | 541.94 |
| 175.0 | 542.92 | 542.92 | 541.94 | 540.96 | 539.00 | 538.02 | 536.06 | 534.10 | 531.16 | 528.22 |
| 177.5 | 520.38 | 520.38 | 520.38 | 519.40 | 518.42 | 518.42 | 517.44 | 516.46 | 514.50 | 513.52 |
| 180.0 | 498.82 | 498.82 | 498.82 | 498.82 | 498.82 | 498.82 | 498.82 | 498.82 | 498.82 | 498.82 |

Vert. Angles **Horizontal Angles**

| | <u>50</u> | <u>55</u> | <u>60</u> | <u>65</u> | <u>70</u> | <u>75</u> | <u>80</u> | <u>85</u> | <u>90</u> | <u>95</u> |
|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 12.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 15.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 17.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 20.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 27.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 32.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 35.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 37.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 42.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 45.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 47.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 52.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 55.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 57.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 62.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 65.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 67.5 | 3.92 | 3.92 | 3.92 | 3.92 | 3.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 70.0 | 6.86 | 6.86 | 6.86 | 6.86 | 6.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 72.5 | 7.84 | 6.86 | 6.86 | 6.86 | 6.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 75.0 | 7.84 | 6.86 | 6.86 | 6.86 | 6.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 77.5 | 8.82 | 7.84 | 7.84 | 6.86 | 6.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 80.0 | 8.82 | 8.82 | 7.84 | 6.86 | 6.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 82.5 | 10.78 | 10.78 | 9.80 | 8.82 | 7.84 | 3.92 | 2.94 | 0.00 | 0.00 | 0.00 |
| 85.0 | 12.74 | 11.76 | 10.78 | 9.80 | 7.84 | 6.86 | 5.88 | 0.00 | 0.00 | 0.00 |
| 87.5 | 98.00 | 88.20 | 68.60 | 49.98 | 31.36 | 23.52 | 8.82 | 3.92 | 2.94 | 2.94 |
| 90.0 | 183.26 | 164.64 | 126.42 | 89.18 | 54.88 | 40.18 | 10.78 | 7.84 | 5.88 | 5.88 |
| 92.5 | 331.24 | 288.12 | 228.34 | 172.48 | 100.94 | 76.44 | 39.20 | 29.40 | 13.72 | 8.82 |
| 95.0 | 478.24 | 410.62 | 329.28 | 254.80 | 147.00 | 111.72 | 66.64 | 50.96 | 20.58 | 10.78 |
| 97.5 | 627.20 | 520.38 | 400.82 | 298.90 | 193.06 | 129.36 | 90.16 | 64.68 | 37.24 | 24.50 |
| 100.0 | 775.18 | 629.16 | 472.36 | 342.02 | 239.12 | 146.02 | 113.68 | 77.42 | 52.92 | 37.24 |
| 102.5 | 895.72 | 708.54 | 528.22 | 381.22 | 274.40 | 173.46 | 138.18 | 99.96 | 72.52 | 54.88 |
| 105.0 | 969.22 | 750.68 | 558.60 | 410.62 | 302.82 | 219.52 | 148.96 | 122.50 | 94.08 | 73.50 |
| 107.5 | 970.20 | 750.68 | 568.40 | 430.22 | 325.36 | 243.04 | 171.50 | 145.04 | 115.64 | 94.08 |
| 110.0 | 932.96 | 734.02 | 569.38 | 441.98 | 343.00 | 266.56 | 193.06 | 167.58 | 137.20 | 114.66 |
| 112.5 | 891.80 | 715.40 | 567.42 | 451.78 | 358.68 | 287.14 | 230.30 | 177.38 | 157.78 | 135.24 |
| 115.0 | 855.54 | 697.76 | 565.46 | 460.60 | 374.36 | 304.78 | 251.86 | 210.70 | 170.52 | 155.82 |
| 117.5 | 824.18 | 682.08 | 565.46 | 469.42 | 390.04 | 324.38 | 272.44 | 231.28 | 191.10 | 176.40 |
| 120.0 | 797.72 | 671.30 | 566.44 | 479.22 | 405.72 | 343.00 | 291.06 | 250.88 | 219.52 | 189.14 |
| 122.5 | 776.16 | 663.46 | 568.40 | 488.04 | 419.44 | 359.66 | 307.72 | 268.52 | 238.14 | 214.62 |
| 125.0 | 757.54 | 657.58 | 570.36 | 496.86 | 431.20 | 372.40 | 323.40 | 283.22 | 254.80 | 231.28 |
| 127.5 | 740.88 | 652.68 | 573.30 | 505.68 | 444.92 | 387.10 | 340.06 | 300.86 | 272.44 | 248.92 |
| 130.0 | 727.16 | 647.78 | 577.22 | 514.50 | 456.68 | 401.80 | 356.72 | 318.50 | 291.06 | 267.54 |
| 132.5 | 715.40 | 644.84 | 580.16 | 522.34 | 466.48 | 416.50 | 372.40 | 335.16 | 308.70 | 285.18 |
| 135.0 | 705.60 | 640.92 | 583.10 | 529.20 | 476.28 | 429.24 | 387.10 | 351.82 | 325.36 | 302.82 |
| 137.5 | 694.82 | 637.98 | 585.06 | 532.14 | 485.10 | 441.00 | 399.84 | 367.50 | 342.02 | 319.48 |
| 140.0 | 685.02 | 634.06 | 584.08 | 536.06 | 492.94 | 451.78 | 412.58 | 382.20 | 357.70 | 336.14 |
| 142.5 | 675.22 | 627.20 | 581.14 | 539.00 | 498.82 | 461.58 | 424.34 | 395.92 | 373.38 | 351.82 |
| 145.0 | 663.46 | 619.36 | 579.18 | 542.92 | 505.68 | 469.42 | 436.10 | 409.64 | 388.08 | 368.48 |
| 147.5 | 652.68 | 613.48 | 577.22 | 543.90 | 509.60 | 476.28 | 444.92 | 421.40 | 400.82 | 382.20 |
| 150.0 | 640.92 | 606.62 | 574.28 | 544.88 | 512.54 | 482.16 | 454.72 | 433.16 | 413.56 | 395.92 |
| 152.5 | 630.14 | 600.74 | 572.32 | 544.88 | 516.46 | 488.04 | 463.54 | 443.94 | 426.30 | 410.62 |
| 155.0 | 618.38 | 593.88 | 569.38 | 545.86 | 519.40 | 494.90 | 473.34 | 455.70 | 439.04 | 424.34 |
| 157.5 | 606.62 | 585.06 | 563.50 | 542.92 | 519.40 | 497.84 | 479.22 | 462.56 | 447.86 | 435.12 |
| 160.0 | 595.84 | 577.22 | 557.62 | 539.98 | 520.38 | 501.76 | 485.10 | 470.40 | 456.68 | 444.92 |
| 162.5 | 584.08 | 568.40 | 551.74 | 536.06 | 520.38 | 504.70 | 490.00 | 477.26 | 466.48 | 455.70 |
| 165.0 | 572.32 | 559.58 | 545.86 | 533.12 | 520.38 | 507.64 | 495.88 | 485.10 | 475.30 | 466.48 |
| 167.5 | 560.56 | 549.78 | 539.00 | 528.22 | 517.44 | 506.66 | 497.84 | 488.04 | 480.20 | 472.36 |
| 170.0 | 548.80 | 540.96 | 532.14 | 523.32 | 515.48 | 506.66 | 498.82 | 491.96 | 485.10 | 479.22 |
| 172.5 | 536.06 | 531.16 | 524.30 | 518.42 | 512.54 | 505.68 | 500.78 | 494.90 | 490.00 | 486.08 |
| 175.0 | 524.30 | 521.36 | 517.44 | 513.52 | 509.60 | 504.70 | 501.76 | 497.84 | 494.90 | 491.96 |
| 177.5 | 511.56 | 509.60 | 507.64 | 505.68 | 503.72 | 501.76 | 500.78 | 498.82 | 496.86 | 495.88 |
| 180.0 | 498.82 | 498.82 | 498.82 | 498.82 | 498.82 | 498.82 | 498.82 | 498.82 | 498.82 | 498.82 |

**Vert.
Angles**

Horizontal Angles

| | <u>100</u> | <u>105</u> | <u>110</u> | <u>115</u> | <u>120</u> | <u>125</u> | <u>130</u> | <u>135</u> | <u>140</u> | <u>145</u> |
|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 12.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 15.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 17.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 20.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 27.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MC-LED35-MO.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 30.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 32.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 35.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 37.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 42.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 45.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 47.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 52.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 55.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 57.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 62.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 65.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 67.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 70.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 72.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 75.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 77.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 80.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 82.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 85.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 87.5 | 3.92 | 3.92 | 3.92 | 3.92 | 4.90 | 4.90 | 4.90 | 5.88 | 5.88 | 5.88 |
| 90.0 | 6.86 | 6.86 | 7.84 | 7.84 | 8.82 | 9.80 | 9.80 | 10.78 | 10.78 | 11.76 |
| 92.5 | 7.84 | 7.84 | 8.82 | 8.82 | 9.80 | 9.80 | 10.78 | 10.78 | 11.76 | 11.76 |
| 95.0 | 8.82 | 8.82 | 8.82 | 9.80 | 9.80 | 9.80 | 10.78 | 10.78 | 11.76 | 11.76 |
| 97.5 | 20.58 | 14.70 | 12.74 | 12.74 | 11.76 | 11.76 | 11.76 | 12.74 | 12.74 | 13.72 |
| 100.0 | 31.36 | 19.60 | 15.68 | 15.68 | 13.72 | 12.74 | 12.74 | 13.72 | 13.72 | 14.70 |
| 102.5 | 43.12 | 33.32 | 28.42 | 19.60 | 19.60 | 18.62 | 17.64 | 15.68 | 15.68 | 15.68 |
| 105.0 | 59.78 | 49.00 | 39.20 | 34.30 | 23.52 | 23.52 | 23.52 | 22.54 | 20.58 | 18.62 |
| 107.5 | 78.40 | 65.66 | 55.86 | 46.06 | 37.24 | 28.42 | 26.46 | 26.46 | 26.46 | 26.46 |
| 110.0 | 98.00 | 84.28 | 72.52 | 61.74 | 52.92 | 44.10 | 35.28 | 30.38 | 29.40 | 30.38 |
| 112.5 | 117.60 | 102.90 | 90.16 | 79.38 | 69.58 | 60.76 | 51.94 | 43.12 | 36.26 | 34.30 |
| 115.0 | 138.18 | 122.50 | 108.78 | 97.02 | 87.22 | 77.42 | 68.60 | 59.78 | 51.94 | 45.08 |
| 117.5 | 157.78 | 142.10 | 128.38 | 115.64 | 104.86 | 95.06 | 85.26 | 77.42 | 69.58 | 61.74 |
| 120.0 | 177.38 | 161.70 | 147.00 | 134.26 | 122.50 | 112.70 | 102.90 | 94.08 | 86.24 | 79.38 |
| 122.5 | 189.14 | 179.34 | 164.64 | 150.92 | 139.16 | 128.38 | 119.56 | 109.76 | 101.92 | 95.06 |
| 125.0 | 211.68 | 189.14 | 180.32 | 166.60 | 154.84 | 143.08 | 133.28 | 124.46 | 115.64 | 107.80 |
| 127.5 | 229.32 | 213.64 | 193.06 | 184.24 | 172.48 | 160.72 | 149.94 | 141.12 | 132.30 | 124.46 |
| 130.0 | 247.94 | 232.26 | 216.58 | 196.98 | 190.12 | 178.36 | 166.60 | 157.78 | 148.96 | 141.12 |
| 132.5 | 266.56 | 249.90 | 234.22 | 219.52 | 203.84 | 196.00 | 184.24 | 174.44 | 166.60 | 157.78 |
| 135.0 | 284.20 | 267.54 | 252.84 | 237.16 | 225.40 | 213.64 | 197.96 | 192.08 | 183.26 | 176.40 |
| 137.5 | 301.84 | 284.20 | 270.48 | 255.78 | 242.06 | 231.28 | 220.50 | 209.72 | 197.96 | 193.06 |
| 140.0 | 318.50 | 301.84 | 288.12 | 273.42 | 259.70 | 248.92 | 238.14 | 228.34 | 218.54 | 210.70 |
| 142.5 | 335.16 | 319.48 | 304.78 | 292.04 | 277.34 | 265.58 | 256.76 | 245.98 | 237.16 | 229.32 |
| 145.0 | 350.84 | 336.14 | 321.44 | 309.68 | 295.96 | 283.22 | 272.44 | 264.60 | 254.80 | 247.94 |
| 147.5 | 365.54 | 351.82 | 338.10 | 326.34 | 313.60 | 301.84 | 292.04 | 283.22 | 273.42 | 266.56 |
| 150.0 | 380.24 | 366.52 | 353.78 | 343.00 | 331.24 | 320.46 | 311.64 | 301.84 | 292.04 | 284.20 |
| 152.5 | 394.94 | 382.20 | 370.44 | 360.64 | 349.86 | 340.06 | 331.24 | 320.46 | 310.66 | 302.82 |
| 155.0 | 409.64 | 397.88 | 387.10 | 377.30 | 367.50 | 358.68 | 350.84 | 339.08 | 329.28 | 321.44 |
| 157.5 | 421.40 | 410.62 | 399.84 | 391.02 | 382.20 | 374.36 | 367.50 | 357.70 | 348.88 | 342.02 |
| 160.0 | 433.16 | 423.36 | 413.56 | 404.74 | 397.88 | 391.02 | 384.16 | 375.34 | 368.48 | 361.62 |
| 162.5 | 445.90 | 436.10 | 426.30 | 419.44 | 412.58 | 406.70 | 401.80 | 393.96 | 388.08 | 382.20 |
| 165.0 | 457.66 | 448.84 | 440.02 | 433.16 | 428.26 | 423.36 | 418.46 | 412.58 | 407.68 | 402.78 |
| 167.5 | 465.50 | 457.66 | 450.80 | 444.92 | 440.02 | 436.10 | 432.18 | 427.28 | 422.38 | 418.46 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MC-LED35-MO.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 170.0 | 472.36 | 466.48 | 460.60 | 455.70 | 452.76 | 448.84 | 444.92 | 441.00 | 437.08 | 434.14 |
| 172.5 | 480.20 | 476.28 | 471.38 | 467.46 | 465.50 | 462.56 | 458.64 | 455.70 | 452.76 | 449.82 |
| 175.0 | 488.04 | 485.10 | 482.16 | 479.22 | 477.26 | 475.30 | 472.36 | 470.40 | 467.46 | 465.50 |
| 177.5 | 493.92 | 491.96 | 490.98 | 489.02 | 488.04 | 487.06 | 486.08 | 485.10 | 483.14 | 482.16 |
| 180.0 | 498.82 | 498.82 | 498.82 | 498.82 | 498.82 | 498.82 | 498.82 | 498.82 | 498.82 | 498.82 |

**Vert.
Angles**

Horizontal Angles

| | <u>150</u> | <u>155</u> | <u>160</u> | <u>165</u> | <u>170</u> | <u>175</u> | <u>180</u> |
|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 12.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 15.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 17.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 20.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 27.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 32.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 35.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 37.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 42.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 45.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 47.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 52.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 55.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 57.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 62.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 65.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 67.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 70.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 72.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 75.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 77.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 80.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 82.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 85.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 87.5 | 5.88 | 6.86 | 6.86 | 0.00 | 0.00 | 0.00 | 0.00 |
| 90.0 | 11.76 | 12.74 | 12.74 | 0.00 | 0.00 | 0.00 | 0.00 |
| 92.5 | 12.74 | 12.74 | 13.72 | 6.86 | 6.86 | 6.86 | 6.86 |
| 95.0 | 12.74 | 12.74 | 13.72 | 13.72 | 13.72 | 13.72 | 13.72 |
| 97.5 | 13.72 | 13.72 | 14.70 | 14.70 | 14.70 | 14.70 | 14.70 |
| 100.0 | 14.70 | 14.70 | 15.68 | 15.68 | 15.68 | 15.68 | 15.68 |
| 102.5 | 15.68 | 16.66 | 16.66 | 16.66 | 16.66 | 16.66 | 16.66 |
| 105.0 | 17.64 | 17.64 | 17.64 | 17.64 | 17.64 | 17.64 | 17.64 |
| 107.5 | 25.48 | 24.50 | 22.54 | 21.56 | 21.56 | 20.58 | 20.58 |
| 110.0 | 30.38 | 29.40 | 29.40 | 29.40 | 28.42 | 28.42 | 28.42 |
| 112.5 | 33.32 | 33.32 | 33.32 | 33.32 | 33.32 | 33.32 | 33.32 |
| 115.0 | 40.18 | 37.24 | 37.24 | 36.26 | 36.26 | 35.28 | 35.28 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MC-LED35-MO.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | |
|--------------|--------|--------|--------|--------|--------|--------|--------|
| 117.5 | 54.88 | 49.98 | 47.04 | 44.10 | 42.14 | 41.16 | 40.18 |
| 120.0 | 72.52 | 66.64 | 61.74 | 58.80 | 56.84 | 55.86 | 54.88 |
| 122.5 | 88.20 | 83.30 | 78.40 | 75.46 | 72.52 | 70.56 | 70.56 |
| 125.0 | 101.92 | 97.02 | 93.10 | 89.18 | 87.22 | 85.26 | 85.26 |
| 127.5 | 117.60 | 111.72 | 107.80 | 104.86 | 102.90 | 100.94 | 100.94 |
| 130.0 | 134.26 | 128.38 | 123.48 | 119.56 | 117.60 | 116.62 | 115.64 |
| 132.5 | 150.92 | 145.04 | 140.14 | 136.22 | 134.26 | 132.30 | 132.30 |
| 135.0 | 168.56 | 162.68 | 157.78 | 153.86 | 150.92 | 149.94 | 148.96 |
| 137.5 | 186.20 | 180.32 | 175.42 | 171.50 | 168.56 | 166.60 | 166.60 |
| 140.0 | 201.88 | 198.94 | 194.04 | 189.14 | 186.20 | 185.22 | 185.22 |
| 142.5 | 222.46 | 216.58 | 211.68 | 206.78 | 204.82 | 203.84 | 203.84 |
| 145.0 | 241.08 | 235.20 | 230.30 | 226.38 | 224.42 | 222.46 | 222.46 |
| 147.5 | 259.70 | 253.82 | 249.90 | 245.98 | 244.02 | 242.06 | 242.06 |
| 150.0 | 278.32 | 273.42 | 269.50 | 266.56 | 263.62 | 262.64 | 262.64 |
| 152.5 | 296.94 | 292.04 | 290.08 | 286.16 | 284.20 | 282.24 | 282.24 |
| 155.0 | 315.56 | 311.64 | 309.68 | 306.74 | 303.80 | 302.82 | 302.82 |
| 157.5 | 336.14 | 332.22 | 330.26 | 327.32 | 325.36 | 324.38 | 324.38 |
| 160.0 | 356.72 | 352.80 | 350.84 | 348.88 | 345.94 | 344.96 | 344.96 |
| 162.5 | 378.28 | 374.36 | 372.40 | 369.46 | 367.50 | 366.52 | 366.52 |
| 165.0 | 398.86 | 394.94 | 392.98 | 391.02 | 389.06 | 388.08 | 388.08 |
| 167.5 | 414.54 | 411.60 | 409.64 | 407.68 | 406.70 | 405.72 | 405.72 |
| 170.0 | 431.20 | 428.26 | 426.30 | 425.32 | 423.36 | 423.36 | 423.36 |
| 172.5 | 447.86 | 444.92 | 443.94 | 442.96 | 441.00 | 441.00 | 441.98 |
| 175.0 | 463.54 | 461.58 | 460.60 | 459.62 | 458.64 | 458.64 | 459.62 |
| 177.5 | 481.18 | 480.20 | 480.20 | 479.22 | 479.22 | 479.22 | 479.22 |
| 180.0 | 498.82 | 498.82 | 498.82 | 498.82 | 498.82 | 498.82 | 498.82 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MC-LED35-MO.IES

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|---------|-------|--------|
| 0-20 | 0.00 | N.A. | 0.00 |
| 0-30 | 0.00 | N.A. | 0.00 |
| 0-40 | 0.00 | N.A. | 0.00 |
| 0-60 | 0.00 | N.A. | 0.00 |
| 0-80 | 4.17 | N.A. | 0.10 |
| 0-90 | 38.59 | N.A. | 1.30 |
| 10-90 | 38.59 | N.A. | 1.30 |
| 20-40 | 0.00 | N.A. | 0.00 |
| 20-50 | 0.00 | N.A. | 0.00 |
| 40-70 | 0.78 | N.A. | 0.00 |
| 60-80 | 4.17 | N.A. | 0.10 |
| 70-80 | 3.39 | N.A. | 0.10 |
| 80-90 | 34.43 | N.A. | 1.20 |
| 90-110 | 788.44 | N.A. | 26.70 |
| 90-120 | 1342.95 | N.A. | 45.50 |
| 90-130 | 1805.38 | N.A. | 61.20 |
| 90-150 | 2498.25 | N.A. | 84.60 |
| 90-180 | 2912.84 | N.A. | 98.70 |
| 110-180 | 2124.39 | N.A. | 72.00 |
| 0-180 | 2951.43 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 0.00 |
| 10-20 | 0.00 |
| 20-30 | 0.00 |
| 30-40 | 0.00 |
| 40-50 | 0.00 |
| 50-60 | 0.00 |
| 60-70 | 0.78 |
| 70-80 | 3.39 |
| 80-90 | 34.43 |
| 90-100 | 255.41 |
| 100-110 | 533.03 |
| 110-120 | 554.51 |
| 120-130 | 462.43 |
| 130-140 | 385.83 |
| 140-150 | 307.04 |
| 150-160 | 226.59 |
| 160-170 | 140.46 |
| 170-180 | 47.53 |

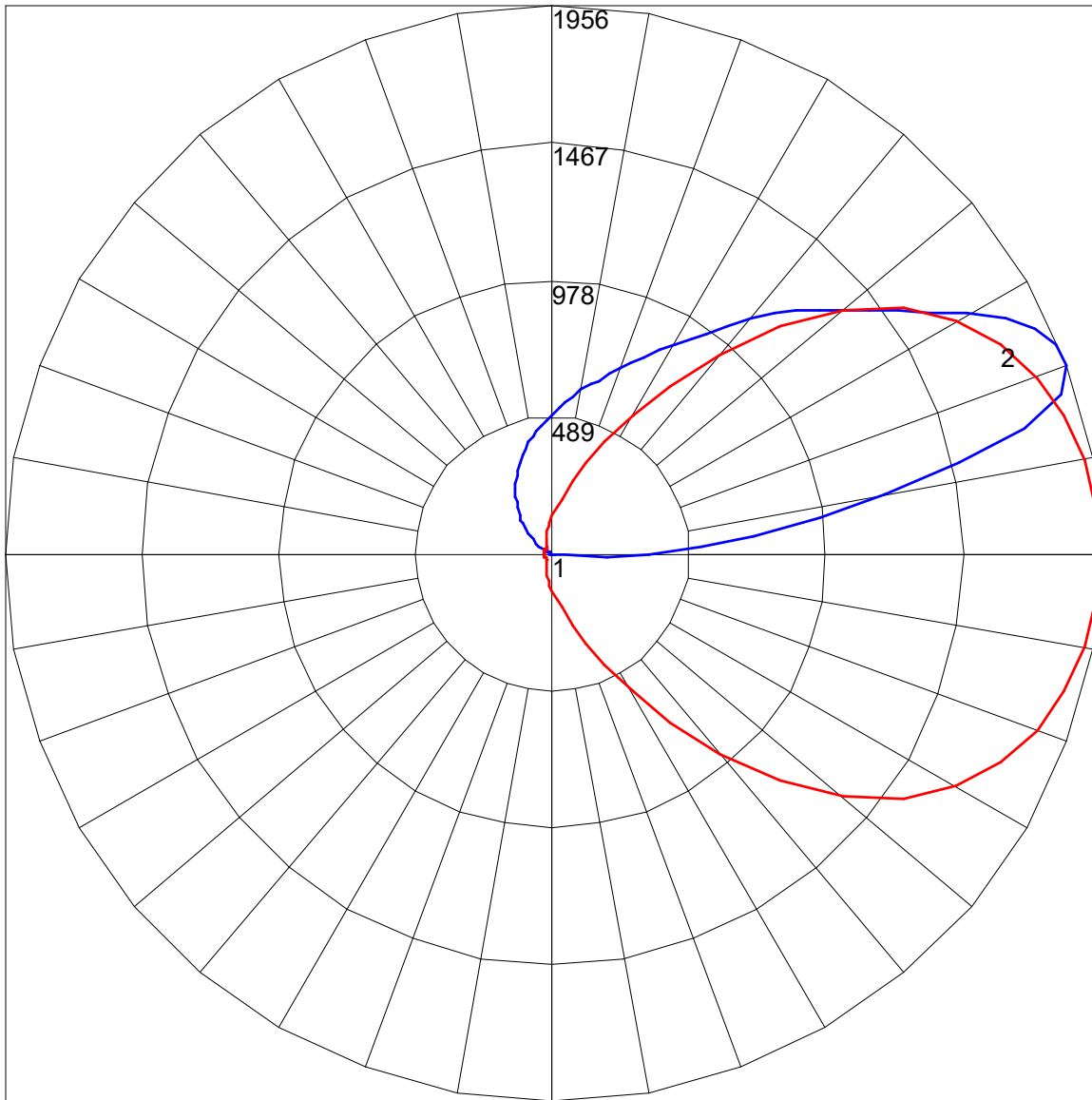
IES INDOOR REPORT
PHOTOMETRIC FILENAME : MC-LED35-MO.IES

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 | 96 | 96 | 96 | 96 | 82 | 82 | 82 | 82 | 56 | 56 | 56 | 33 | 33 | 33 | 11 | 11 | 11 | 1 |
| 1 | 86 | 82 | 79 | 75 | 74 | 70 | 67 | 65 | 48 | 47 | 45 | 28 | 27 | 26 | 9 | 9 | 9 | 0 |
| 2 | 79 | 72 | 66 | 61 | 67 | 61 | 57 | 53 | 42 | 39 | 37 | 24 | 23 | 22 | 8 | 8 | 7 | 0 |
| 3 | 72 | 63 | 56 | 51 | 61 | 54 | 48 | 44 | 37 | 34 | 31 | 22 | 20 | 18 | 7 | 7 | 6 | 0 |
| 4 | 65 | 55 | 48 | 42 | 56 | 48 | 42 | 37 | 33 | 29 | 26 | 19 | 17 | 15 | 6 | 6 | 5 | 0 |
| 5 | 60 | 49 | 42 | 36 | 51 | 42 | 36 | 31 | 29 | 25 | 22 | 17 | 15 | 13 | 6 | 5 | 4 | 0 |
| 6 | 55 | 44 | 36 | 31 | 47 | 38 | 31 | 27 | 26 | 22 | 19 | 15 | 13 | 11 | 5 | 4 | 4 | 0 |
| 7 | 50 | 39 | 32 | 27 | 43 | 34 | 28 | 23 | 23 | 19 | 16 | 14 | 11 | 10 | 5 | 4 | 3 | 0 |
| 8 | 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 | 7 | 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 = 1956.08 Located At Horizontal Angle = 0, Vertical Angle = 110
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (110) (Through Max. Cd.)