

IES INDOOR REPORT

PHOTOMETRIC FILENAME : WV2-LED35-80-SO-4-SAL-TMW-D3-SYM.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] L112411501

[TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)

[ISSUE DATE] 12/2/2024

[MANUFAC] PRUDENTIAL LIGHTING

[LUMCAT] WV2-LED35-80-SO-4-SAL-D3-SYM-SC-UNV-DM01-ADC

[LUMINAIRE] (1) OSRAM OTi-50 PROGRAMMED @ 1192 mA (1) OSRAM OTi-50 PROGRAMMED @ 1246 mA"

[BALLASTCAT] OPTOTRONIC OTi 50/120-277/1A4 DIM-1 L G2 (2)

[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND

[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.

[TEST PROCEDURE] IESNA:LM-79-19

CHARACTERISTICS

| | |
|---------------------------------|---------------------|
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 9352 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 133 |
| Total Luminaire Watts | 70.4 |
| 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 | Rectangular w/Sides |
| Luminous Length (0-180) | 3.50 ft |
| Luminous Width (90-270) | 0.31 ft |
| Luminous Height | 0.21 ft |

LUMINANCE DATA (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45 | 12544 | 8740 | 7850 |
| 55 | 11312 | 7009 | 6134 |
| 65 | 9776 | 5226 | 4469 |
| 75 | 7637 | 3313 | 2808 |
| 85 | 3584 | 1321 | 1242 |

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CANDELA TABULATION

| | <u>0.0</u> | <u>22.5</u> | <u>45.0</u> | <u>67.5</u> | <u>90.0</u> | <u>112.5</u> | <u>135.0</u> | <u>157.5</u> | <u>180.0</u> |
|----|------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|
| 0 | 1608.53 | 1608.53 | 1608.53 | 1608.53 | 1608.53 | 1608.53 | 1608.53 | 1608.53 | 1608.53 |
| 1 | 1606.22 | 1607.76 | 1608.53 | 1610.84 | 1609.30 | 1610.07 | 1608.53 | 1606.99 | 1606.22 |
| 2 | 1605.45 | 1606.99 | 1606.99 | 1610.07 | 1608.53 | 1608.53 | 1606.99 | 1604.68 | 1604.68 |
| 3 | 1603.91 | 1605.45 | 1605.45 | 1608.53 | 1606.22 | 1606.22 | 1605.45 | 1602.37 | 1602.37 |
| 4 | 1600.83 | 1602.37 | 1603.14 | 1606.22 | 1603.91 | 1603.91 | 1602.37 | 1600.06 | 1600.06 |
| 5 | 1596.98 | 1599.29 | 1599.29 | 1603.14 | 1600.06 | 1599.29 | 1598.52 | 1596.21 | 1596.98 |
| 6 | 1593.13 | 1595.44 | 1595.44 | 1598.52 | 1595.44 | 1594.67 | 1594.67 | 1591.59 | 1592.36 |
| 7 | 1587.74 | 1590.82 | 1590.05 | 1594.67 | 1590.82 | 1590.05 | 1590.05 | 1586.20 | 1586.20 |
| 8 | 1582.35 | 1585.43 | 1584.66 | 1589.28 | 1585.43 | 1583.89 | 1583.89 | 1579.27 | 1580.81 |
| 9 | 1576.19 | 1579.27 | 1578.50 | 1583.12 | 1578.50 | 1576.96 | 1576.96 | 1572.34 | 1573.11 |
| 10 | 1568.49 | 1571.57 | 1570.80 | 1576.19 | 1571.57 | 1570.03 | 1570.03 | 1564.64 | 1566.18 |
| 11 | 1560.79 | 1563.87 | 1563.10 | 1568.49 | 1563.10 | 1561.56 | 1561.56 | 1556.17 | 1557.71 |
| 12 | 1551.55 | 1555.40 | 1553.86 | 1560.02 | 1553.86 | 1553.09 | 1552.32 | 1546.93 | 1548.47 |
| 13 | 1542.31 | 1546.16 | 1544.62 | 1550.78 | 1544.62 | 1543.08 | 1543.08 | 1536.92 | 1539.23 |
| 14 | 1532.30 | 1536.15 | 1534.61 | 1540.77 | 1533.84 | 1533.07 | 1532.30 | 1526.91 | 1529.22 |
| 15 | 1519.98 | 1525.37 | 1523.83 | 1529.99 | 1523.83 | 1521.52 | 1522.29 | 1515.36 | 1517.67 |
| 16 | 1509.20 | 1513.82 | 1512.28 | 1519.21 | 1511.51 | 1509.20 | 1509.97 | 1503.04 | 1505.35 |
| 17 | 1496.11 | 1501.50 | 1499.96 | 1506.89 | 1499.19 | 1496.88 | 1497.65 | 1489.18 | 1493.03 |
| 18 | 1483.02 | 1489.18 | 1486.87 | 1494.57 | 1486.10 | 1483.02 | 1484.56 | 1476.86 | 1479.17 |
| 19 | 1469.93 | 1475.32 | 1473.01 | 1479.94 | 1472.24 | 1469.16 | 1470.70 | 1462.23 | 1465.31 |
| 20 | 1455.30 | 1461.46 | 1459.15 | 1466.85 | 1458.38 | 1454.53 | 1457.61 | 1448.37 | 1451.45 |
| 21 | 1439.90 | 1446.83 | 1443.75 | 1450.68 | 1442.98 | 1439.13 | 1441.44 | 1432.20 | 1436.82 |
| 22 | 1424.50 | 1431.43 | 1429.12 | 1436.05 | 1427.58 | 1423.73 | 1426.04 | 1417.57 | 1421.42 |
| 23 | 1409.10 | 1416.03 | 1412.18 | 1419.88 | 1411.41 | 1406.79 | 1409.10 | 1400.63 | 1405.25 |
| 24 | 1392.16 | 1399.86 | 1394.47 | 1403.71 | 1393.70 | 1388.31 | 1392.93 | 1383.69 | 1387.54 |
| 25 | 1374.45 | 1382.15 | 1378.30 | 1386.00 | 1377.53 | 1372.14 | 1375.22 | 1365.98 | 1369.83 |
| 26 | 1356.74 | 1364.44 | 1359.82 | 1368.29 | 1358.28 | 1352.89 | 1358.28 | 1347.50 | 1352.12 |
| 27 | 1339.03 | 1345.96 | 1342.11 | 1349.81 | 1340.57 | 1335.95 | 1339.03 | 1329.02 | 1333.64 |
| 28 | 1320.55 | 1326.71 | 1322.09 | 1331.33 | 1320.55 | 1314.39 | 1319.78 | 1309.77 | 1313.62 |
| 29 | 1301.30 | 1308.23 | 1304.38 | 1311.31 | 1302.07 | 1296.68 | 1301.30 | 1290.52 | 1295.91 |
| 30 | 1281.28 | 1288.21 | 1283.59 | 1292.06 | 1281.28 | 1275.12 | 1282.05 | 1271.27 | 1274.35 |
| 31 | 1259.72 | 1268.96 | 1263.57 | 1271.27 | 1261.26 | 1254.33 | 1262.03 | 1249.71 | 1256.64 |
| 32 | 1241.24 | 1248.17 | 1242.78 | 1251.25 | 1239.70 | 1234.31 | 1240.47 | 1230.46 | 1234.31 |
| 33 | 1218.14 | 1228.15 | 1221.99 | 1229.69 | 1218.14 | 1212.75 | 1219.68 | 1208.13 | 1215.06 |
| 34 | 1198.89 | 1205.82 | 1200.43 | 1208.13 | 1196.58 | 1191.19 | 1198.12 | 1188.11 | 1191.96 |
| 35 | 1175.79 | 1185.03 | 1178.87 | 1185.80 | 1175.02 | 1169.63 | 1175.02 | 1165.01 | 1170.40 |
| 36 | 1156.54 | 1163.47 | 1157.31 | 1164.24 | 1152.69 | 1146.53 | 1154.23 | 1144.22 | 1148.84 |
| 37 | 1131.90 | 1141.14 | 1134.98 | 1139.60 | 1128.82 | 1123.43 | 1131.13 | 1121.12 | 1126.51 |
| 38 | 1111.88 | 1118.81 | 1111.88 | 1119.58 | 1106.49 | 1100.33 | 1109.57 | 1099.56 | 1104.95 |
| 39 | 1087.24 | 1096.48 | 1089.55 | 1094.17 | 1082.62 | 1077.23 | 1085.70 | 1076.46 | 1081.85 |
| 40 | 1064.14 | 1074.15 | 1065.68 | 1073.38 | 1060.29 | 1054.13 | 1064.14 | 1052.59 | 1059.52 |
| 41 | 1041.81 | 1051.05 | 1043.35 | 1047.20 | 1035.65 | 1030.26 | 1040.27 | 1030.26 | 1036.42 |
| 42 | 1018.71 | 1027.95 | 1018.71 | 1026.41 | 1013.32 | 1006.39 | 1017.17 | 1005.62 | 1013.32 |
| 43 | 995.61 | 1004.85 | 996.38 | 1000.23 | 987.91 | 982.52 | 992.53 | 983.29 | 990.22 |
| 44 | 972.51 | 980.21 | 971.74 | 976.36 | 964.04 | 956.34 | 967.89 | 958.65 | 966.35 |
| 45 | 948.64 | 957.88 | 948.64 | 951.72 | 939.40 | 934.78 | 945.56 | 935.55 | 943.25 |
| 46 | 924.77 | 933.24 | 924.00 | 927.85 | 915.53 | 908.60 | 920.92 | 911.68 | 919.38 |
| 47 | 901.67 | 910.14 | 901.67 | 903.98 | 891.66 | 887.04 | 897.82 | 887.81 | 896.28 |
| 48 | 877.80 | 885.50 | 876.26 | 880.11 | 867.02 | 861.63 | 873.18 | 863.94 | 872.41 |
| 49 | 853.93 | 862.40 | 850.85 | 855.47 | 841.61 | 837.76 | 850.08 | 840.07 | 848.54 |
| 50 | 830.06 | 837.76 | 828.52 | 831.60 | 819.28 | 813.12 | 824.67 | 816.20 | 824.67 |
| 51 | 806.19 | 814.66 | 803.11 | 807.73 | 793.87 | 788.48 | 800.80 | 791.56 | 800.80 |
| 52 | 782.32 | 790.02 | 780.01 | 783.09 | 770.77 | 763.84 | 776.93 | 768.46 | 774.62 |
| 53 | 758.45 | 764.61 | 755.37 | 759.22 | 746.13 | 739.97 | 753.06 | 743.05 | 750.75 |

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | |
|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 54 | 734.58 | 742.28 | 732.27 | 735.35 | 723.03 | 715.33 | 729.19 | 720.72 | 726.88 |
| 55 | 710.71 | 716.87 | 707.63 | 711.48 | 698.39 | 692.23 | 703.78 | 695.31 | 703.01 |
| 56 | 684.53 | 693.77 | 683.76 | 687.61 | 674.52 | 668.36 | 680.68 | 670.67 | 679.14 |
| 57 | 662.20 | 669.13 | 659.89 | 663.74 | 651.42 | 644.49 | 656.04 | 647.57 | 655.27 |
| 58 | 636.79 | 646.03 | 636.02 | 640.64 | 627.55 | 621.39 | 633.71 | 622.93 | 631.40 |
| 59 | 615.23 | 621.39 | 612.15 | 616.77 | 604.45 | 598.29 | 609.07 | 600.60 | 608.30 |
| 60 | 589.05 | 597.52 | 589.05 | 591.36 | 580.58 | 575.19 | 585.20 | 575.19 | 584.43 |
| 61 | 567.49 | 573.65 | 565.18 | 570.57 | 557.48 | 552.09 | 562.10 | 552.86 | 560.56 |
| 62 | 541.31 | 550.55 | 542.08 | 545.16 | 534.38 | 528.99 | 538.23 | 528.22 | 536.69 |
| 63 | 519.75 | 526.68 | 518.98 | 525.14 | 512.82 | 506.66 | 515.90 | 505.89 | 513.59 |
| 64 | 494.34 | 503.58 | 496.65 | 500.50 | 490.49 | 484.33 | 492.03 | 482.02 | 489.72 |
| 65 | 470.47 | 479.71 | 472.01 | 479.71 | 467.39 | 459.69 | 470.47 | 458.15 | 465.85 |
| 66 | 447.37 | 456.61 | 450.45 | 455.84 | 445.83 | 439.67 | 446.60 | 435.05 | 442.75 |
| 67 | 424.27 | 433.51 | 427.35 | 435.82 | 423.50 | 416.57 | 425.04 | 412.72 | 419.65 |
| 68 | 400.40 | 410.41 | 405.02 | 411.95 | 403.48 | 396.55 | 401.94 | 389.62 | 396.55 |
| 69 | 378.07 | 387.31 | 383.46 | 391.16 | 381.15 | 373.45 | 380.38 | 367.29 | 371.14 |
| 70 | 354.97 | 364.98 | 361.13 | 369.60 | 361.13 | 354.20 | 358.05 | 344.96 | 351.12 |
| 71 | 331.87 | 341.88 | 338.80 | 348.81 | 339.57 | 331.87 | 336.49 | 322.63 | 325.71 |
| 72 | 309.54 | 320.32 | 317.24 | 328.02 | 319.55 | 311.08 | 315.70 | 299.53 | 305.69 |
| 73 | 287.21 | 297.22 | 296.45 | 307.23 | 299.53 | 291.06 | 294.14 | 278.74 | 281.05 |
| 74 | 256.41 | 275.66 | 273.35 | 287.21 | 280.28 | 265.65 | 273.35 | 254.87 | 261.03 |
| 75 | 244.09 | 253.33 | 254.87 | 267.96 | 258.72 | 253.33 | 253.33 | 237.93 | 237.16 |
| 76 | 222.53 | 232.54 | 237.16 | 248.71 | 242.55 | 234.08 | 233.31 | 215.60 | 215.60 |
| 77 | 201.74 | 211.75 | 217.14 | 229.46 | 224.07 | 215.60 | 214.06 | 196.35 | 194.81 |
| 78 | 180.18 | 191.73 | 197.89 | 210.98 | 205.59 | 197.12 | 194.04 | 175.56 | 174.02 |
| 79 | 160.16 | 171.71 | 179.41 | 193.27 | 188.65 | 179.41 | 176.33 | 157.08 | 154.00 |
| 80 | 140.91 | 152.46 | 160.93 | 174.79 | 170.94 | 162.47 | 157.08 | 137.06 | 134.75 |
| 81 | 120.89 | 134.75 | 143.99 | 157.08 | 154.77 | 146.30 | 139.37 | 119.35 | 116.27 |
| 82 | 103.18 | 115.50 | 126.28 | 140.91 | 138.60 | 130.13 | 122.43 | 103.18 | 97.02 |
| 83 | 84.70 | 98.56 | 110.11 | 126.28 | 123.20 | 114.73 | 107.03 | 85.47 | 80.08 |
| 84 | 69.30 | 82.39 | 94.71 | 110.11 | 108.57 | 100.10 | 90.86 | 70.07 | 65.45 |
| 85 | 53.13 | 67.76 | 80.85 | 95.48 | 95.48 | 87.01 | 76.23 | 55.44 | 48.51 |
| 86 | 39.27 | 52.36 | 66.99 | 82.39 | 82.39 | 74.69 | 64.68 | 42.35 | 34.65 |
| 87 | 26.18 | 39.27 | 55.44 | 70.84 | 70.84 | 63.14 | 52.36 | 30.80 | 23.10 |
| 88 | 15.40 | 28.49 | 44.66 | 60.06 | 60.06 | 53.13 | 41.58 | 21.56 | 12.32 |
| 89 | 6.16 | 19.25 | 35.42 | 49.28 | 50.82 | 42.35 | 32.34 | 13.86 | 4.62 |
| 90 | 4.62 | 3.85 | 3.08 | 3.08 | 3.08 | 4.62 | 6.93 | 6.16 | 3.85 |
| 91 | 13.09 | 7.70 | 6.16 | 6.93 | 10.01 | 14.63 | 18.48 | 16.17 | 12.32 |
| 92 | 26.18 | 18.48 | 16.17 | 17.71 | 23.87 | 29.26 | 32.34 | 30.80 | 26.18 |
| 93 | 40.81 | 33.11 | 30.80 | 33.11 | 39.27 | 45.43 | 49.28 | 47.74 | 41.58 |
| 94 | 58.52 | 54.67 | 46.97 | 50.82 | 56.21 | 62.37 | 66.99 | 64.68 | 61.60 |
| 95 | 75.46 | 70.84 | 66.99 | 66.99 | 73.92 | 80.08 | 84.70 | 83.93 | 77.00 |
| 96 | 93.17 | 88.55 | 83.16 | 86.24 | 93.17 | 100.10 | 103.95 | 103.18 | 95.48 |
| 97 | 113.96 | 107.80 | 107.80 | 104.72 | 112.42 | 119.35 | 123.97 | 122.43 | 116.27 |
| 98 | 133.21 | 126.28 | 135.52 | 124.74 | 132.44 | 140.14 | 145.53 | 141.68 | 135.52 |
| 99 | 154.77 | 147.07 | 150.15 | 170.17 | 153.23 | 160.93 | 167.09 | 164.78 | 157.08 |
| 100 | 174.02 | 167.86 | 173.25 | 175.56 | 177.87 | 183.26 | 191.73 | 186.34 | 179.41 |
| 101 | 199.43 | 190.96 | 193.27 | 196.35 | 197.89 | 210.21 | 215.60 | 209.44 | 202.51 |
| 102 | 220.22 | 212.52 | 212.52 | 220.99 | 227.15 | 234.85 | 234.85 | 231.77 | 225.61 |
| 103 | 244.86 | 237.16 | 234.08 | 246.40 | 250.25 | 257.95 | 255.64 | 257.18 | 249.48 |
| 104 | 257.18 | 259.49 | 252.56 | 264.88 | 274.89 | 274.89 | 281.82 | 273.35 | 275.66 |
| 105 | 293.37 | 281.82 | 281.05 | 287.21 | 294.91 | 301.84 | 308.77 | 305.69 | 298.76 |
| 106 | 317.24 | 309.54 | 304.92 | 309.54 | 318.01 | 326.48 | 334.18 | 331.87 | 324.94 |
| 107 | 344.19 | 334.95 | 331.10 | 334.18 | 343.42 | 353.43 | 360.36 | 358.82 | 351.12 |
| 108 | 372.68 | 361.13 | 358.05 | 360.36 | 370.37 | 380.38 | 388.08 | 386.54 | 380.38 |
| 109 | 398.09 | 389.62 | 382.69 | 387.31 | 397.32 | 408.10 | 415.80 | 412.72 | 405.79 |

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 110 | 425.81 | 415.80 | 410.41 | 414.26 | 425.04 | 435.82 | 442.75 | 442.75 | 433.51 |
| 111 | 455.84 | 443.52 | 437.36 | 441.98 | 452.76 | 463.54 | 471.24 | 469.70 | 462.00 |
| 112 | 482.79 | 473.55 | 466.62 | 470.47 | 481.25 | 492.03 | 499.73 | 499.73 | 491.26 |
| 113 | 511.28 | 501.27 | 495.11 | 498.96 | 509.74 | 521.29 | 528.99 | 529.76 | 523.60 |
| 114 | 540.54 | 528.99 | 524.37 | 527.45 | 539.00 | 550.55 | 559.02 | 560.56 | 550.55 |
| 115 | 569.03 | 559.79 | 553.63 | 556.71 | 568.26 | 580.58 | 589.05 | 589.05 | 584.43 |
| 116 | 597.52 | 588.28 | 583.66 | 586.74 | 598.29 | 610.61 | 619.85 | 619.08 | 613.69 |
| 117 | 628.32 | 622.16 | 614.46 | 619.08 | 629.86 | 642.18 | 651.42 | 649.88 | 644.49 |
| 118 | 659.12 | 650.65 | 644.49 | 647.57 | 659.12 | 672.21 | 681.45 | 680.68 | 672.21 |
| 119 | 689.92 | 683.76 | 675.29 | 679.91 | 691.46 | 704.55 | 713.79 | 712.25 | 706.86 |
| 120 | 721.49 | 713.79 | 706.86 | 709.94 | 721.49 | 734.58 | 743.82 | 744.59 | 735.35 |
| 121 | 753.06 | 746.90 | 738.43 | 743.05 | 754.60 | 767.69 | 777.70 | 776.16 | 770.77 |
| 122 | 785.40 | 778.47 | 770.00 | 774.62 | 786.17 | 800.03 | 810.04 | 808.50 | 802.34 |
| 123 | 817.74 | 810.81 | 802.34 | 806.96 | 818.51 | 832.37 | 843.15 | 840.84 | 834.68 |
| 124 | 850.08 | 843.15 | 836.22 | 839.30 | 850.85 | 865.48 | 874.72 | 873.95 | 867.79 |
| 125 | 882.42 | 875.49 | 867.79 | 872.41 | 883.19 | 897.82 | 909.37 | 906.29 | 900.90 |
| 126 | 918.61 | 908.60 | 903.21 | 906.29 | 917.84 | 932.47 | 942.48 | 940.94 | 934.01 |
| 127 | 947.87 | 941.71 | 934.78 | 937.86 | 948.64 | 963.27 | 974.82 | 972.51 | 966.35 |
| 128 | 984.06 | 974.05 | 969.43 | 972.51 | 984.06 | 998.69 | 1008.70 | 1007.16 | 1000.23 |
| 129 | 1014.86 | 1007.16 | 1001.00 | 1004.08 | 1015.63 | 1030.26 | 1041.81 | 1038.73 | 1033.34 |
| 130 | 1051.05 | 1041.04 | 1035.65 | 1038.73 | 1049.51 | 1064.91 | 1074.92 | 1073.38 | 1066.45 |
| 131 | 1080.31 | 1073.38 | 1068.76 | 1071.84 | 1083.39 | 1098.02 | 1108.03 | 1107.26 | 1099.56 |
| 132 | 1116.50 | 1106.49 | 1102.64 | 1104.95 | 1116.50 | 1131.90 | 1141.91 | 1140.37 | 1132.67 |
| 133 | 1149.61 | 1141.91 | 1135.75 | 1138.06 | 1149.61 | 1164.24 | 1174.25 | 1175.02 | 1166.55 |
| 134 | 1182.72 | 1173.48 | 1168.09 | 1171.94 | 1182.72 | 1197.35 | 1207.36 | 1207.36 | 1198.89 |
| 135 | 1215.06 | 1207.36 | 1201.20 | 1204.28 | 1215.83 | 1230.46 | 1239.70 | 1240.47 | 1232.00 |
| 136 | 1248.17 | 1238.16 | 1234.31 | 1237.39 | 1248.17 | 1263.57 | 1272.81 | 1272.81 | 1264.34 |
| 137 | 1280.51 | 1272.04 | 1266.65 | 1269.73 | 1281.28 | 1295.14 | 1306.69 | 1305.15 | 1296.68 |
| 138 | 1312.08 | 1304.38 | 1298.99 | 1302.07 | 1313.62 | 1327.48 | 1338.26 | 1336.72 | 1331.33 |
| 139 | 1343.65 | 1335.95 | 1330.56 | 1334.41 | 1345.19 | 1359.05 | 1369.83 | 1368.29 | 1360.59 |
| 140 | 1375.22 | 1367.52 | 1362.13 | 1365.98 | 1376.76 | 1390.62 | 1400.63 | 1399.09 | 1393.70 |
| 141 | 1406.02 | 1398.32 | 1393.70 | 1396.78 | 1407.56 | 1421.42 | 1431.43 | 1430.66 | 1422.19 |
| 142 | 1436.82 | 1430.66 | 1425.27 | 1429.89 | 1439.90 | 1452.99 | 1463.00 | 1459.92 | 1455.30 |
| 143 | 1466.85 | 1459.15 | 1453.76 | 1457.61 | 1468.39 | 1481.48 | 1491.49 | 1489.95 | 1482.25 |
| 144 | 1496.88 | 1489.95 | 1485.33 | 1490.72 | 1499.19 | 1512.28 | 1522.29 | 1519.21 | 1514.59 |
| 145 | 1525.37 | 1517.67 | 1513.05 | 1516.90 | 1527.68 | 1540.00 | 1549.24 | 1546.93 | 1540.77 |
| 146 | 1553.09 | 1547.70 | 1543.08 | 1547.70 | 1556.94 | 1569.26 | 1578.50 | 1575.42 | 1571.57 |
| 147 | 1580.81 | 1574.65 | 1570.80 | 1576.19 | 1584.66 | 1596.21 | 1605.45 | 1603.91 | 1599.29 |
| 148 | 1606.99 | 1602.37 | 1597.75 | 1603.14 | 1611.61 | 1623.16 | 1631.63 | 1628.55 | 1626.24 |
| 149 | 1635.48 | 1628.55 | 1626.24 | 1629.32 | 1639.33 | 1650.11 | 1657.81 | 1657.81 | 1651.65 |
| 150 | 1658.58 | 1653.96 | 1650.11 | 1654.73 | 1664.74 | 1673.98 | 1682.45 | 1680.91 | 1677.06 |
| 151 | 1685.53 | 1678.60 | 1676.29 | 1680.14 | 1689.38 | 1700.16 | 1706.32 | 1705.55 | 1700.93 |
| 152 | 1707.09 | 1702.47 | 1700.16 | 1704.01 | 1713.25 | 1722.49 | 1729.42 | 1728.65 | 1724.80 |
| 153 | 1732.50 | 1726.34 | 1724.03 | 1727.88 | 1736.35 | 1747.13 | 1752.52 | 1751.75 | 1747.13 |
| 154 | 1752.52 | 1748.67 | 1747.13 | 1750.21 | 1758.68 | 1768.69 | 1774.08 | 1774.08 | 1769.46 |
| 155 | 1777.16 | 1770.23 | 1768.69 | 1771.77 | 1780.24 | 1790.25 | 1795.64 | 1794.87 | 1791.02 |
| 156 | 1797.18 | 1791.79 | 1790.25 | 1793.33 | 1801.03 | 1811.04 | 1815.66 | 1814.89 | 1811.04 |
| 157 | 1818.74 | 1811.81 | 1810.27 | 1814.12 | 1821.82 | 1830.29 | 1834.91 | 1834.14 | 1831.06 |
| 158 | 1836.45 | 1831.83 | 1829.52 | 1834.14 | 1840.30 | 1849.54 | 1854.16 | 1852.62 | 1849.54 |
| 159 | 1854.93 | 1849.54 | 1848.00 | 1851.85 | 1858.78 | 1867.25 | 1870.33 | 1869.56 | 1866.48 |
| 160 | 1872.64 | 1868.02 | 1865.71 | 1870.33 | 1875.72 | 1884.19 | 1888.04 | 1886.50 | 1884.19 |
| 161 | 1888.04 | 1883.42 | 1883.42 | 1885.73 | 1892.66 | 1900.36 | 1903.44 | 1901.90 | 1899.59 |
| 162 | 1903.44 | 1900.36 | 1898.82 | 1902.67 | 1908.06 | 1916.53 | 1918.84 | 1916.53 | 1915.76 |
| 163 | 1918.84 | 1914.99 | 1914.22 | 1918.07 | 1923.46 | 1931.16 | 1932.70 | 1931.16 | 1930.39 |
| 164 | 1933.47 | 1929.62 | 1928.08 | 1931.93 | 1937.32 | 1944.25 | 1946.56 | 1945.02 | 1944.25 |
| 165 | 1945.02 | 1942.71 | 1942.71 | 1945.79 | 1951.18 | 1957.34 | 1958.88 | 1957.34 | 1956.57 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : WV2-LED35-80-SO-4-SAL-TMW-D3-SYM.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 166 | 1958.11 | 1955.03 | 1955.03 | 1958.11 | 1962.73 | 1968.89 | 1970.43 | 1968.89 | 1968.89 |
| 167 | 1969.66 | 1967.35 | 1967.35 | 1969.66 | 1975.82 | 1980.44 | 1981.21 | 1979.67 | 1978.90 |
| 168 | 1980.44 | 1978.13 | 1978.13 | 1980.44 | 1985.06 | 1990.45 | 1991.22 | 1988.91 | 1989.68 |
| 169 | 1990.45 | 1987.37 | 1988.14 | 1990.45 | 1995.84 | 1999.69 | 2001.23 | 1998.92 | 1998.92 |
| 170 | 1998.92 | 1996.61 | 1997.38 | 1999.69 | 2004.31 | 2007.39 | 2007.39 | 2007.39 | 2007.39 |
| 171 | 2008.16 | 2005.85 | 2005.85 | 2008.16 | 2012.01 | 2015.09 | 2015.86 | 2014.32 | 2013.55 |
| 172 | 2015.09 | 2012.01 | 2013.55 | 2015.09 | 2019.71 | 2022.02 | 2022.02 | 2021.25 | 2021.25 |
| 173 | 2022.79 | 2019.71 | 2019.71 | 2022.02 | 2026.64 | 2028.18 | 2028.18 | 2027.41 | 2025.87 |
| 174 | 2028.95 | 2025.87 | 2026.64 | 2027.41 | 2032.80 | 2032.80 | 2032.80 | 2032.03 | 2031.26 |
| 175 | 2032.80 | 2030.49 | 2030.49 | 2032.03 | 2036.65 | 2036.65 | 2036.65 | 2035.11 | 2035.88 |
| 176 | 2037.42 | 2035.11 | 2035.11 | 2036.65 | 2040.50 | 2040.50 | 2039.73 | 2038.96 | 2038.96 |
| 177 | 2040.50 | 2038.19 | 2038.96 | 2039.73 | 2043.58 | 2042.81 | 2042.04 | 2041.27 | 2042.04 |
| 178 | 2042.81 | 2040.50 | 2041.27 | 2042.04 | 2045.12 | 2044.35 | 2042.81 | 2042.81 | 2044.35 |
| 179 | 2044.35 | 2042.04 | 2042.81 | 2044.35 | 2046.66 | 2044.35 | 2043.58 | 2043.58 | 2045.12 |
| 180 | 2045.12 | 2045.12 | 2045.12 | 2045.12 | 2045.12 | 2045.12 | 2045.12 | 2045.12 | 2045.12 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : WV2-LED35-80-SO-4-SAL-TMW-D3-SYM.IES

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|---------|-------|--------|
| 0-20 | 580.72 | N.A. | 6.20 |
| 0-30 | 1214.08 | N.A. | 13.00 |
| 0-40 | 1949.27 | N.A. | 20.80 |
| 0-60 | 3307.98 | N.A. | 35.40 |
| 0-80 | 4041.39 | N.A. | 43.20 |
| 0-90 | 4128.47 | N.A. | 44.10 |
| 10-90 | 3976.73 | N.A. | 42.50 |
| 20-40 | 1368.55 | N.A. | 14.60 |
| 20-50 | 2097.36 | N.A. | 22.40 |
| 40-70 | 1824.12 | N.A. | 19.50 |
| 60-80 | 733.41 | N.A. | 7.80 |
| 70-80 | 268.00 | N.A. | 2.90 |
| 80-90 | 87.07 | N.A. | 0.90 |
| 90-110 | 401.40 | N.A. | 4.30 |
| 90-120 | 968.55 | N.A. | 10.40 |
| 90-130 | 1763.09 | N.A. | 18.90 |
| 90-150 | 3660.56 | N.A. | 39.10 |
| 90-180 | 5223.94 | N.A. | 55.90 |
| 110-180 | 4822.54 | N.A. | 51.60 |
| 0-180 | 9352.41 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 151.73 |
| 10-20 | 428.99 |
| 20-30 | 633.35 |
| 30-40 | 735.19 |
| 40-50 | 728.81 |
| 50-60 | 629.90 |
| 60-70 | 465.41 |
| 70-80 | 268.00 |
| 80-90 | 87.07 |
| 90-100 | 87.36 |
| 100-110 | 314.04 |
| 110-120 | 567.15 |
| 120-130 | 794.54 |
| 130-140 | 940.77 |
| 140-150 | 956.70 |
| 150-160 | 820.18 |
| 160-170 | 550.01 |
| 170-180 | 193.19 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : WV2-LED35-80-SO-4-SAL-TMW-D3-SYM.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 | 106 | 106 | 106 | 106 | 97 | 97 | 97 | 97 | 80 | 80 | 80 | 65 | 65 | 65 | 51 | 51 | 51 | 44 |
| 1 | 96 | 92 | 88 | 85 | 88 | 84 | 81 | 78 | 70 | 68 | 66 | 57 | 55 | 54 | 45 | 44 | 43 | 37 |
| 2 | 88 | 80 | 74 | 69 | 80 | 74 | 69 | 64 | 61 | 58 | 54 | 50 | 47 | 45 | 39 | 38 | 36 | 31 |
| 3 | 80 | 71 | 63 | 58 | 73 | 65 | 59 | 54 | 54 | 50 | 46 | 44 | 41 | 38 | 35 | 33 | 31 | 26 |
| 4 | 73 | 63 | 55 | 49 | 67 | 58 | 51 | 45 | 48 | 43 | 39 | 39 | 36 | 33 | 31 | 29 | 26 | 23 |
| 5 | 67 | 56 | 48 | 42 | 61 | 51 | 44 | 39 | 43 | 38 | 34 | 35 | 31 | 28 | 28 | 25 | 23 | 20 |
| 6 | 62 | 50 | 42 | 36 | 56 | 46 | 39 | 34 | 39 | 33 | 29 | 32 | 28 | 25 | 26 | 23 | 20 | 17 |
| 7 | 57 | 45 | 37 | 32 | 52 | 42 | 35 | 30 | 35 | 30 | 26 | 29 | 25 | 22 | 23 | 20 | 18 | 15 |
| 8 | 53 | 41 | 33 | 28 | 48 | 38 | 31 | 26 | 32 | 27 | 23 | 27 | 22 | 19 | 21 | 18 | 16 | 14 |
| 9 | 49 | 37 | 30 | 25 | 45 | 35 | 28 | 23 | 29 | 24 | 20 | 24 | 20 | 17 | 20 | 17 | 15 | 12 |
| 10 | 46 | 34 | 27 | 22 | 42 | 32 | 25 | 21 | 27 | 22 | 18 | 23 | 19 | 16 | 18 | 15 | 13 | 11 |

IES INDOOR REPORT

PHOTOMETRIC FILENAME : WV2-LED35-80-SO-4-SAL-TMW-D3-SYM.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

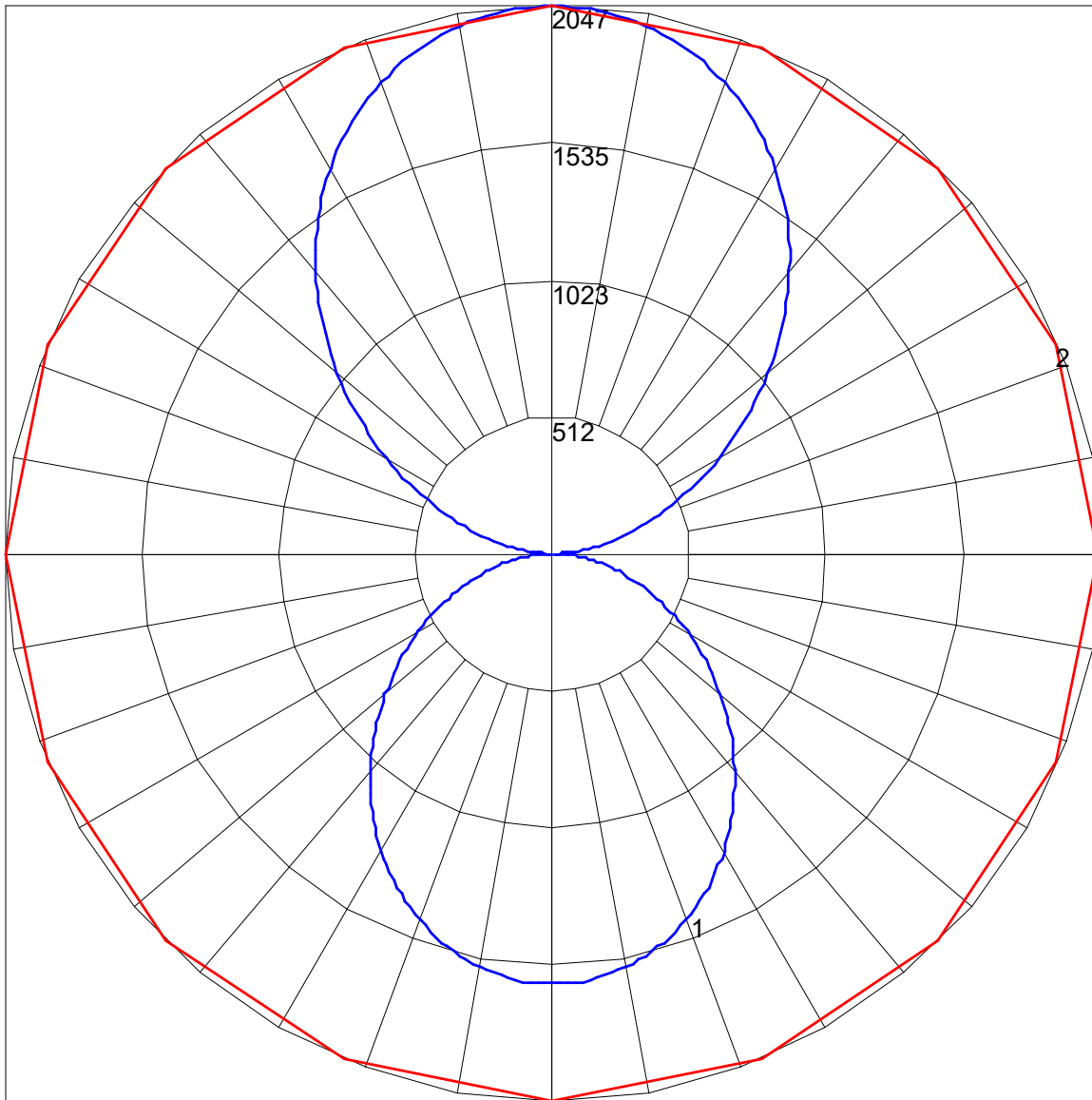
| | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|
| X=2H | Y=2H | 13.9 | 14.7 | 14.9 | 15.7 | 17.1 | 15.0 | 15.8 | 16.0 | 16.8 | 18.2 |
| | 3H | 15.2 | 15.9 | 16.2 | 16.9 | 18.3 | 16.6 | 17.3 | 17.6 | 18.4 | 19.8 |
| | 4H | 15.5 | 16.2 | 16.6 | 17.2 | 18.6 | 17.2 | 17.9 | 18.3 | 19.0 | 20.3 |
| | 6H | 15.7 | 16.3 | 16.8 | 17.4 | 18.8 | 17.7 | 18.3 | 18.8 | 19.4 | 20.8 |
| | 8H | 15.7 | 16.3 | 16.8 | 17.4 | 18.8 | 17.9 | 18.5 | 18.9 | 19.5 | 20.9 |
| | 12H | 15.7 | 16.3 | 16.8 | 17.3 | 18.7 | 18.0 | 18.6 | 19.0 | 19.6 | 21.0 |

UGR Viewed Endwise

| | | | | | | | | | | | |
|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 4H | 2H | 14.4 | 15.0 | 15.4 | 16.1 | 17.5 | 15.3 | 16.0 | 16.3 | 17.0 | 18.4 |
| | 3H | 15.8 | 16.4 | 16.9 | 17.5 | 18.9 | 17.1 | 17.6 | 18.1 | 18.7 | 20.1 |
| | 4H | 16.3 | 16.8 | 17.3 | 17.9 | 19.3 | 17.8 | 18.3 | 18.8 | 19.4 | 20.8 |
| | 6H | 16.6 | 17.0 | 17.6 | 18.1 | 19.5 | 18.4 | 18.8 | 19.4 | 19.9 | 21.3 |
| | 8H | 16.6 | 17.0 | 17.7 | 18.1 | 19.5 | 18.6 | 19.0 | 19.6 | 20.1 | 21.5 |
| | 12H | 16.6 | 17.0 | 17.7 | 18.1 | 19.5 | 18.7 | 19.1 | 19.8 | 20.2 | 21.6 |
| 8H | 4H | 16.5 | 16.9 | 17.6 | 18.0 | 19.4 | 17.9 | 18.3 | 18.9 | 19.3 | 20.8 |
| | 6H | 16.9 | 17.2 | 17.9 | 18.3 | 19.7 | 18.5 | 18.9 | 19.6 | 20.0 | 21.4 |
| | 8H | 17.0 | 17.3 | 18.0 | 18.4 | 19.8 | 18.8 | 19.1 | 19.9 | 20.2 | 21.6 |
| | 12H | 17.0 | 17.2 | 18.1 | 18.3 | 19.8 | 19.0 | 19.3 | 20.1 | 20.4 | 21.9 |
| 12H | 4H | 16.5 | 16.9 | 17.6 | 18.0 | 19.4 | 17.8 | 18.2 | 18.9 | 19.3 | 20.7 |
| | 6H | 16.9 | 17.2 | 18.0 | 18.3 | 19.7 | 18.5 | 18.8 | 19.6 | 19.9 | 21.4 |
| | 8H | 17.0 | 17.3 | 18.1 | 18.4 | 19.8 | 18.8 | 19.1 | 19.9 | 20.2 | 21.6 |

Maximum UGR = 21.9

POLAR GRAPH



Maximum Candela = 2046.66 Located At Horizontal Angle = 90, Vertical Angle = 179
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (179) (Through Max. Cd.)