

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P145866

Luminaire Tested: **CNC-F01-LED-E1-CPL-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P145866
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33704)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: CNC-F01-LED-E1-CPL-7050
Description: CONCISE LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (7) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2281.6 lumens
Efficiency: N/A
Efficacy: 88.1 lumens/watt
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G1

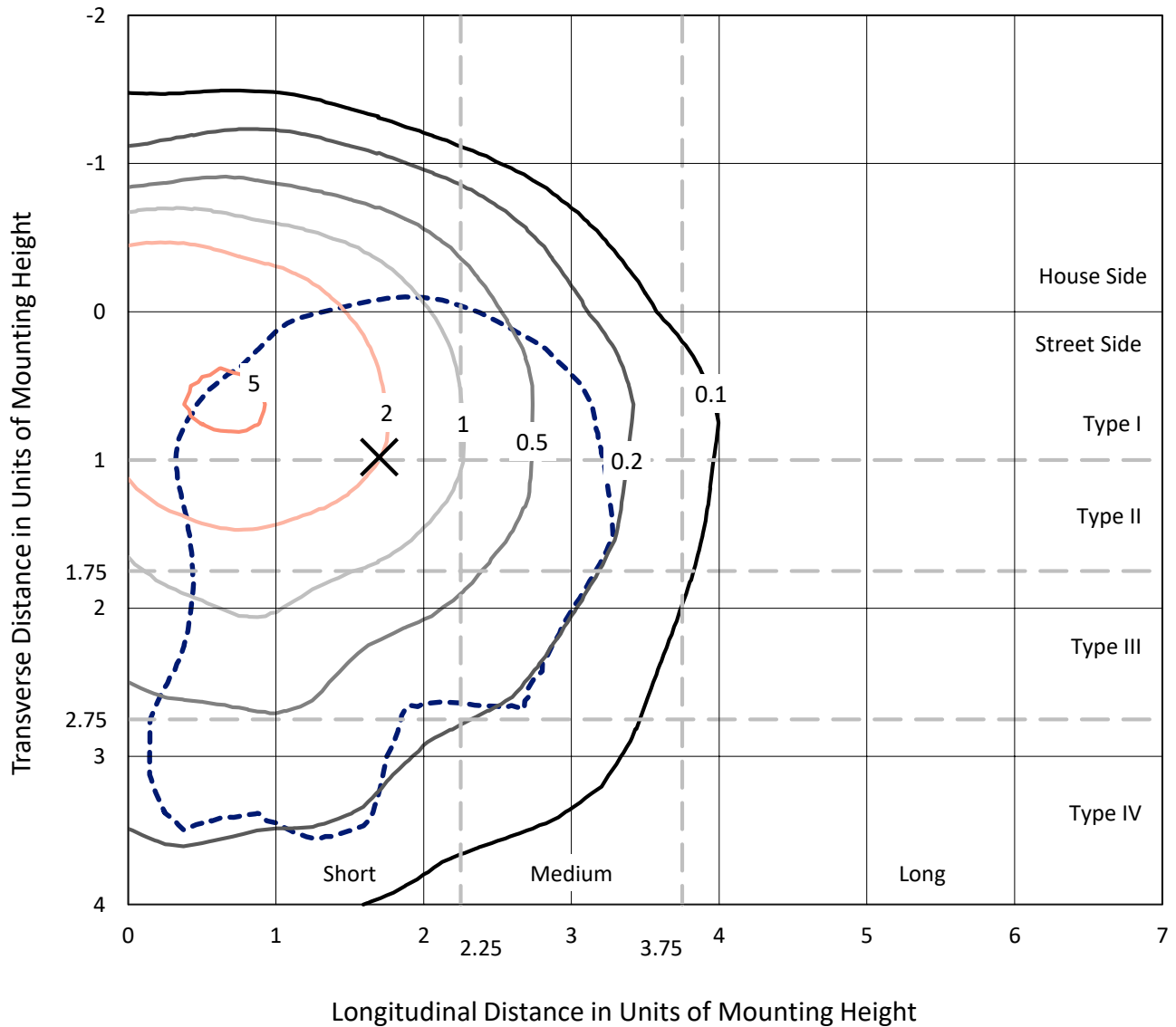
Input Watts (W): 25.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

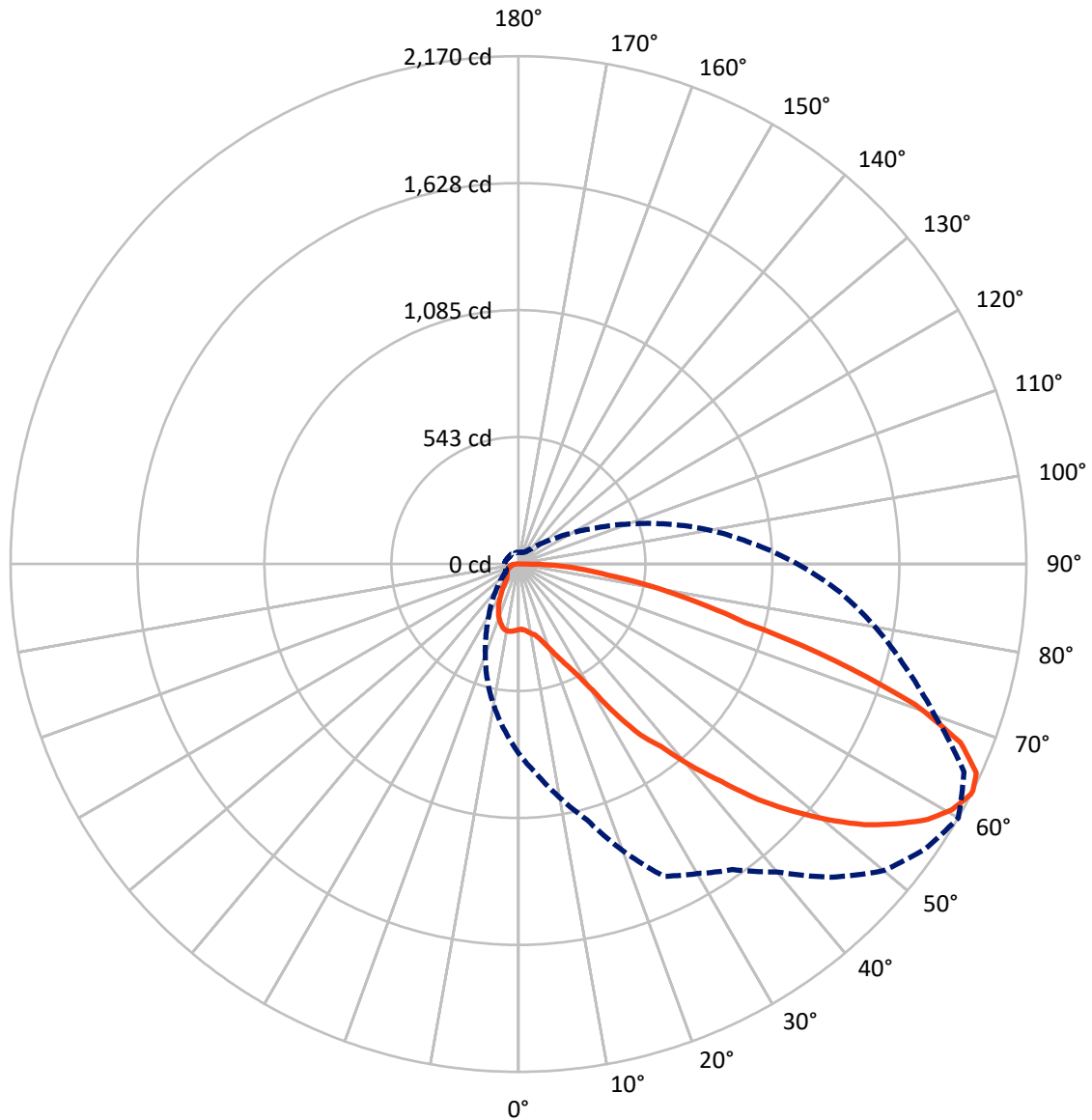
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 5.7 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 477.6 | 0.0 | 477.6 |
| | % Fixture | 20.9 | 0.0 | 20.9 |
| Street Side | Lumens | 1804.0 | 0.0 | 1804.0 |
| | % Fixture | 79.1 | 0.0 | 79.1 |
| Total | Lumens | 2281.6 | 0.0 | 2281.6 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 27.5 | 1.2 |
| 10°-20° | 85.9 | 3.8 |
| 20°-30° | 151.9 | 6.7 |
| 30°-40° | 239.8 | 10.5 |
| 40°-50° | 352.6 | 15.5 |
| 50°-60° | 464.5 | 20.4 |
| 60°-70° | 517.7 | 22.7 |
| 70°-80° | 340.2 | 14.9 |
| 80°-90° | 101.4 | 4.4 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 2281.6 | 100.0 |
| 0°-180° | 2281.6 | 100.0 |



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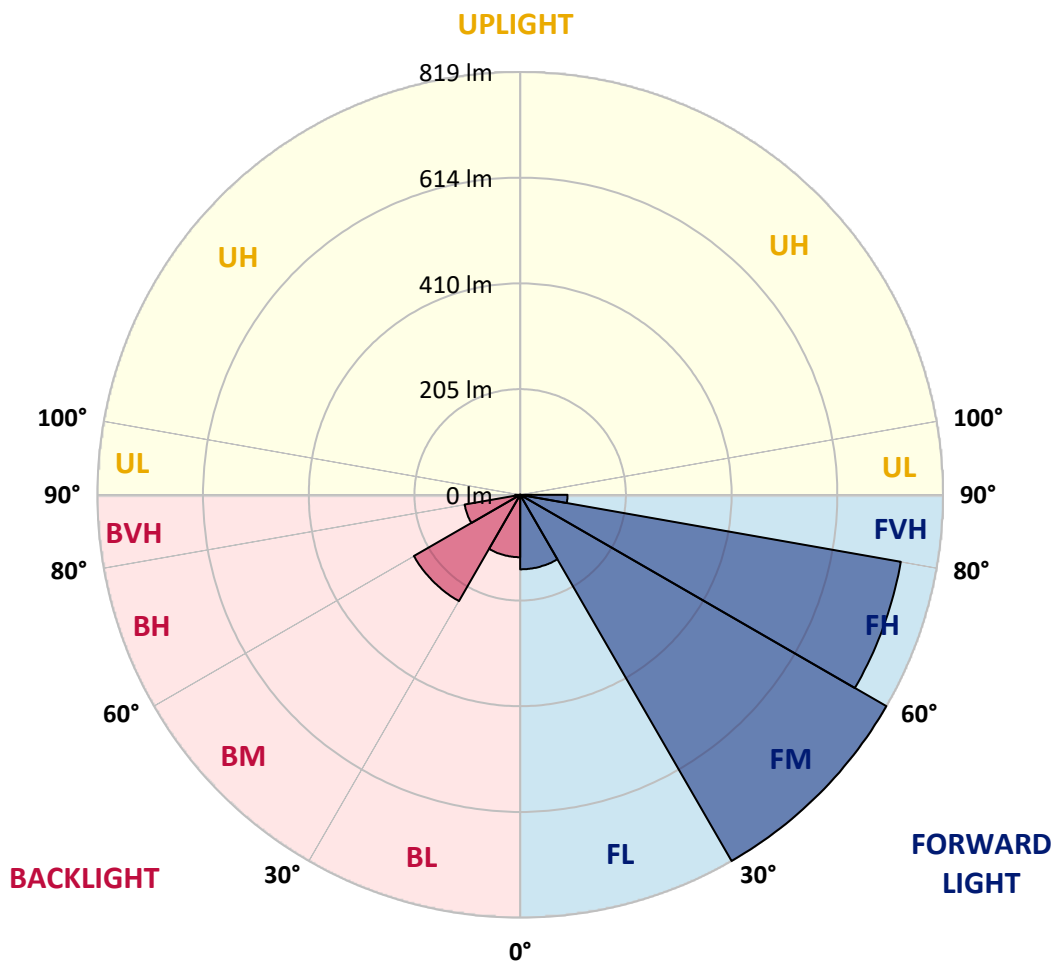
CATALOG NUMBER: CNC-F01-LED-E1-CPL-7050

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 144.4 | 6.3 | | | |
| FM | (30°-60°) | 819.1 | 35.9 | | | |
| FH | (60°-80°) | 748.7 | 32.8 | | | G1/1800 |
| FVH | (80°-90°) | 91.7 | 4.0 | | | G1/100 |
| BL | (0°-30°) | 120.9 | 5.3 | B1/500 | | |
| BM | (30°-60°) | 237.8 | 10.4 | B1/1000 | | |
| BH | (60°-80°) | 109.2 | 4.8 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 9.8 | 0.4 | | | G0/10 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G1

Type IV Short





REPORT NUMBER: P145866

CATALOG NUMBER: CNC-F01-LED-E1-CPL-7050

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 |
| 2.5° | 279.9 | 280.0 | 279.5 | 279.4 | 279.0 | 279.2 | 279.2 | 278.9 | 278.9 | 279.0 | 278.5 |
| 5° | 278.5 | 278.9 | 278.7 | 279.0 | 279.4 | 279.9 | 280.4 | 280.9 | 281.4 | 282.1 | 282.2 |
| 7.5° | 277.0 | 278.0 | 278.2 | 279.2 | 280.4 | 281.7 | 283.4 | 285.3 | 287.8 | 288.5 | 290.0 |
| 10° | 277.8 | 279.7 | 280.7 | 282.8 | 284.6 | 287.2 | 290.2 | 292.1 | 295.3 | 296.5 | 298.7 |
| 12.5° | 284.4 | 285.8 | 287.2 | 289.5 | 292.2 | 295.5 | 298.8 | 301.7 | 305.1 | 306.3 | 307.1 |
| 15° | 297.0 | 298.3 | 299.9 | 302.2 | 305.1 | 309.0 | 313.9 | 317.5 | 321.5 | 324.6 | 326.8 |
| 17.5° | 314.4 | 314.4 | 318.0 | 318.7 | 324.3 | 330.2 | 336.3 | 343.2 | 347.5 | 350.0 | 354.1 |
| 20° | 339.5 | 339.5 | 344.3 | 346.5 | 351.2 | 358.8 | 367.1 | 374.7 | 380.8 | 385.9 | 389.7 |
| 22.5° | 382.9 | 381.0 | 385.1 | 384.6 | 390.3 | 401.7 | 409.8 | 414.1 | 422.2 | 425.2 | 430.1 |
| 25° | 433.2 | 439.8 | 444.2 | 444.2 | 446.6 | 458.3 | 465.0 | 468.3 | 475.7 | 473.5 | 478.6 |
| 27.5° | 494.9 | 512.7 | 529.1 | 535.9 | 532.6 | 545.5 | 547.9 | 550.9 | 550.1 | 544.8 | 543.3 |
| 30° | 555.5 | 586.9 | 612.4 | 628.0 | 646.0 | 670.9 | 670.9 | 674.9 | 666.1 | 651.6 | 642.9 |
| 32.5° | 597.5 | 637.8 | 677.0 | 709.3 | 739.8 | 778.0 | 794.0 | 816.4 | 820.1 | 825.7 | 806.4 |
| 35° | 632.1 | 688.7 | 730.7 | 779.3 | 816.6 | 855.2 | 898.1 | 936.9 | 962.6 | 958.4 | 950.8 |
| 37.5° | 655.8 | 728.5 | 787.1 | 844.2 | 900.9 | 945.2 | 985.8 | 1036.5 | 1085.8 | 1095.6 | 1074.9 |
| 40° | 672.4 | 756.6 | 837.2 | 907.4 | 978.7 | 1045.1 | 1094.6 | 1149.0 | 1226.2 | 1258.9 | 1242.0 |
| 42.5° | 680.4 | 778.6 | 868.6 | 957.9 | 1048.2 | 1132.0 | 1194.0 | 1268.6 | 1360.2 | 1416.1 | 1397.5 |
| 45° | 683.8 | 792.2 | 894.0 | 995.7 | 1104.1 | 1207.6 | 1287.6 | 1372.1 | 1475.3 | 1565.1 | 1568.4 |
| 47.5° | 682.9 | 799.5 | 911.5 | 1022.6 | 1148.0 | 1268.4 | 1375.7 | 1471.5 | 1588.4 | 1682.8 | 1717.9 |
| 50° | 680.5 | 802.0 | 922.0 | 1038.9 | 1175.6 | 1313.0 | 1433.8 | 1547.8 | 1678.4 | 1797.8 | 1851.2 |
| 52.5° | 680.4 | 802.5 | 927.2 | 1047.8 | 1191.8 | 1340.2 | 1470.2 | 1604.9 | 1748.0 | 1872.9 | 1956.1 |
| 55° | 684.4 | 805.6 | 933.0 | 1054.1 | 1200.6 | 1355.7 | 1490.7 | 1640.6 | 1778.4 | 1920.2 | 2027.6 |
| 57.5° | 700.9 | 819.8 | 946.7 | 1064.8 | 1210.5 | 1367.9 | 1506.6 | 1651.0 | 1787.3 | 1939.8 | 2069.1 |
| 60° | 737.0 | 846.4 | 970.6 | 1084.4 | 1236.1 | 1399.9 | 1521.7 | 1636.4 | 1770.4 | 1934.2 | 2075.0 |
| 62.5° | 793.2 | 889.1 | 1004.0 | 1120.7 | 1288.1 | 1460.7 | 1528.0 | 1603.0 | 1728.5 | 1902.0 | 2049.4 |
| 63° | 807.6 | 900.4 | 1012.8 | 1130.7 | 1303.1 | 1472.2 | 1527.4 | 1594.2 | 1717.0 | 1892.5 | 2037.9 |
| 65° | 867.7 | 953.0 | 1053.8 | 1178.5 | 1371.8 | 1508.8 | 1509.0 | 1542.4 | 1658.2 | 1840.2 | 1990.6 |
| 67.5° | 958.2 | 1039.5 | 1117.5 | 1241.5 | 1447.7 | 1527.1 | 1454.3 | 1429.0 | 1531.5 | 1729.4 | 1870.7 |
| 70° | 1018.5 | 1119.0 | 1162.7 | 1258.1 | 1458.0 | 1504.9 | 1367.7 | 1283.5 | 1368.5 | 1533.9 | 1659.4 |
| 72.5° | 1020.0 | 1134.6 | 1147.3 | 1187.3 | 1361.3 | 1398.9 | 1218.6 | 1104.6 | 1155.7 | 1294.5 | 1360.6 |
| 75° | 911.1 | 1055.1 | 1029.0 | 1014.3 | 1108.5 | 1124.6 | 985.7 | 938.2 | 1003.8 | 1085.8 | 1052.7 |
| 77.5° | 677.3 | 868.8 | 815.7 | 753.1 | 787.3 | 789.6 | 794.0 | 883.5 | 964.0 | 997.5 | 949.4 |
| 80° | 420.3 | 638.2 | 597.5 | 494.2 | 507.4 | 546.4 | 663.3 | 821.3 | 909.4 | 933.5 | 837.2 |
| 82.5° | 253.4 | 469.4 | 447.8 | 377.1 | 393.7 | 490.8 | 620.1 | 663.8 | 693.4 | 691.2 | 591.8 |
| 85° | 185.7 | 318.8 | 348.3 | 353.6 | 412.5 | 476.6 | 473.9 | 441.5 | 423.4 | 372.5 | 318.0 |
| 87.5° | 58.4 | 164.5 | 195.2 | 227.5 | 249.2 | 235.8 | 231.9 | 200.4 | 143.5 | 121.3 | 133.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CATALOG NUMBER: CNC-F01-LED-E1-CPL-7050

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 0° | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 |
| 2.5° | 278.5 | 279.2 | 279.5 | 279.4 | 279.5 | 279.5 | 280.6 | 280.2 | 280.6 | 280.4 | 281.4 |
| 5° | 282.8 | 283.8 | 284.6 | 284.6 | 284.8 | 285.1 | 286.5 | 286.5 | 287.2 | 288.5 | 289.2 |
| 7.5° | 291.1 | 292.4 | 292.6 | 292.9 | 293.9 | 293.4 | 294.3 | 294.6 | 295.1 | 295.8 | 296.6 |
| 10° | 299.7 | 301.6 | 301.6 | 301.4 | 301.6 | 300.2 | 300.7 | 299.7 | 299.9 | 300.9 | 301.9 |
| 12.5° | 309.4 | 310.4 | 309.7 | 309.2 | 309.2 | 306.6 | 306.3 | 304.9 | 304.3 | 304.4 | 304.8 |
| 15° | 328.7 | 327.8 | 327.6 | 326.8 | 323.8 | 321.9 | 320.5 | 316.3 | 314.1 | 312.9 | 310.9 |
| 17.5° | 354.4 | 354.9 | 354.1 | 353.2 | 348.8 | 342.6 | 339.8 | 335.3 | 332.2 | 329.2 | 325.4 |
| 20° | 392.0 | 388.6 | 388.3 | 385.6 | 379.5 | 370.7 | 364.1 | 356.6 | 352.4 | 348.0 | 344.1 |
| 22.5° | 433.5 | 430.0 | 427.6 | 422.4 | 413.4 | 402.2 | 391.2 | 381.7 | 375.3 | 372.0 | 369.3 |
| 25° | 479.6 | 477.6 | 473.7 | 460.3 | 453.2 | 440.3 | 428.3 | 419.0 | 411.7 | 409.0 | 404.2 |
| 27.5° | 534.8 | 536.4 | 529.1 | 516.5 | 507.6 | 489.4 | 479.1 | 463.0 | 456.9 | 447.1 | 441.0 |
| 30° | 635.5 | 625.7 | 613.3 | 594.1 | 576.0 | 551.6 | 534.5 | 517.7 | 508.8 | 495.5 | 479.3 |
| 32.5° | 800.0 | 762.5 | 729.3 | 688.7 | 650.2 | 619.0 | 594.3 | 573.1 | 559.4 | 537.6 | 509.9 |
| 35° | 932.6 | 896.5 | 841.7 | 782.5 | 732.0 | 692.1 | 660.9 | 640.9 | 613.5 | 578.6 | 538.6 |
| 37.5° | 1029.9 | 988.4 | 937.0 | 891.8 | 836.7 | 792.2 | 750.0 | 708.5 | 669.9 | 617.0 | 566.0 |
| 40° | 1187.8 | 1131.5 | 1047.0 | 993.6 | 948.6 | 888.2 | 848.8 | 792.9 | 734.1 | 666.0 | 592.1 |
| 42.5° | 1344.0 | 1269.4 | 1192.9 | 1131.5 | 1067.5 | 1002.1 | 947.9 | 872.8 | 794.7 | 706.5 | 615.5 |
| 45° | 1525.4 | 1434.1 | 1334.0 | 1248.3 | 1182.5 | 1105.6 | 1036.1 | 944.0 | 844.4 | 739.7 | 635.8 |
| 47.5° | 1668.4 | 1577.9 | 1464.9 | 1378.5 | 1289.9 | 1203.2 | 1113.1 | 999.4 | 881.3 | 766.8 | 654.8 |
| 50° | 1805.5 | 1718.2 | 1598.1 | 1492.0 | 1390.2 | 1285.5 | 1176.6 | 1038.7 | 910.3 | 787.9 | 669.9 |
| 52.5° | 1928.5 | 1850.9 | 1721.1 | 1594.4 | 1480.5 | 1359.9 | 1224.9 | 1075.4 | 938.1 | 809.8 | 681.7 |
| 55° | 2032.6 | 1960.0 | 1843.6 | 1685.8 | 1556.6 | 1423.1 | 1270.4 | 1109.0 | 967.4 | 832.7 | 690.4 |
| 57.5° | 2102.6 | 2060.6 | 1936.2 | 1766.3 | 1619.1 | 1477.0 | 1304.8 | 1142.7 | 994.8 | 846.9 | 694.1 |
| 60° | 2135.1 | 2129.5 | 2024.3 | 1839.0 | 1674.7 | 1519.0 | 1348.2 | 1178.5 | 1012.9 | 853.3 | 688.8 |
| 62.5° | 2128.4 | 2168.3 | 2091.4 | 1888.8 | 1710.1 | 1545.2 | 1376.0 | 1193.9 | 1008.4 | 837.8 | 665.6 |
| 63° | 2122.1 | 2170.0 | 2100.9 | 1893.7 | 1713.0 | 1547.8 | 1378.7 | 1192.0 | 1004.1 | 830.8 | 657.7 |
| 65° | 2076.2 | 2150.0 | 2103.3 | 1884.9 | 1699.7 | 1540.5 | 1366.5 | 1162.7 | 961.9 | 787.1 | 612.6 |
| 67.5° | 1963.7 | 2037.7 | 2011.8 | 1787.8 | 1614.2 | 1462.2 | 1281.3 | 1062.9 | 858.6 | 694.3 | 529.1 |
| 70° | 1731.4 | 1797.7 | 1766.7 | 1569.6 | 1408.3 | 1300.6 | 1128.6 | 884.0 | 699.5 | 558.1 | 402.7 |
| 72.5° | 1369.6 | 1416.1 | 1422.9 | 1266.4 | 1142.9 | 1078.2 | 909.3 | 666.8 | 511.0 | 388.6 | 261.4 |
| 75° | 1014.1 | 1003.3 | 1005.5 | 918.1 | 867.7 | 840.5 | 679.7 | 457.4 | 344.3 | 237.5 | 155.0 |
| 77.5° | 852.3 | 774.4 | 708.0 | 683.8 | 625.1 | 608.2 | 448.3 | 280.7 | 200.9 | 142.1 | 88.3 |
| 80° | 693.1 | 575.0 | 478.4 | 435.6 | 412.7 | 416.1 | 248.0 | 149.6 | 105.2 | 77.4 | 55.2 |
| 82.5° | 473.9 | 384.1 | 302.9 | 263.1 | 259.0 | 262.9 | 128.9 | 73.4 | 55.6 | 44.6 | 34.7 |
| 85° | 280.2 | 263.8 | 235.5 | 209.1 | 199.9 | 188.7 | 95.9 | 52.5 | 28.6 | 23.7 | 19.5 |
| 87.5° | 121.1 | 148.7 | 152.3 | 151.6 | 141.1 | 113.3 | 35.2 | 13.6 | 12.0 | 6.1 | 4.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P145866

CATALOG NUMBER: CNC-F01-LED-E1-CPL-7050

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 |
| 2.5° | 281.4 | 281.6 | 281.2 | 281.6 | 282.8 | 282.8 | 282.6 | 282.9 | 283.1 | 284.1 | 283.8 |
| 5° | 289.9 | 290.0 | 290.2 | 291.4 | 292.2 | 293.3 | 292.9 | 293.3 | 293.9 | 294.1 | 294.4 |
| 7.5° | 297.7 | 298.7 | 300.0 | 300.5 | 302.1 | 302.4 | 303.9 | 304.1 | 304.4 | 303.8 | 303.1 |
| 10° | 303.1 | 304.1 | 305.8 | 306.6 | 309.4 | 309.7 | 310.9 | 311.2 | 311.9 | 311.4 | 310.9 |
| 12.5° | 305.8 | 306.6 | 308.5 | 310.2 | 313.9 | 315.1 | 317.1 | 318.3 | 319.2 | 318.7 | 317.0 |
| 15° | 311.4 | 311.2 | 312.2 | 313.6 | 317.0 | 319.2 | 322.1 | 323.6 | 324.6 | 323.8 | 321.5 |
| 17.5° | 324.3 | 321.9 | 321.9 | 321.0 | 323.6 | 324.1 | 325.3 | 326.1 | 325.8 | 323.2 | 319.7 |
| 20° | 342.0 | 338.5 | 336.3 | 334.3 | 333.4 | 329.2 | 327.0 | 323.9 | 321.2 | 316.6 | 312.6 |
| 22.5° | 365.1 | 362.5 | 357.5 | 352.9 | 346.5 | 337.8 | 328.5 | 320.5 | 314.6 | 308.3 | 301.4 |
| 25° | 400.0 | 394.2 | 386.9 | 376.1 | 367.8 | 352.6 | 337.0 | 321.9 | 309.2 | 299.4 | 287.7 |
| 27.5° | 432.9 | 420.7 | 406.9 | 390.0 | 374.7 | 354.4 | 334.6 | 317.1 | 300.5 | 284.8 | 271.4 |
| 30° | 460.3 | 439.1 | 416.8 | 393.0 | 371.4 | 346.8 | 323.8 | 303.9 | 285.1 | 266.5 | 253.8 |
| 32.5° | 481.0 | 450.5 | 420.7 | 390.3 | 363.6 | 334.8 | 308.3 | 287.2 | 265.8 | 246.2 | 231.4 |
| 35° | 499.6 | 458.4 | 419.5 | 383.0 | 351.4 | 319.5 | 291.1 | 267.3 | 244.0 | 223.0 | 206.0 |
| 37.5° | 513.0 | 461.1 | 414.4 | 372.5 | 335.8 | 300.9 | 270.0 | 244.8 | 219.7 | 198.4 | 179.7 |
| 40° | 523.3 | 459.8 | 404.7 | 356.4 | 314.4 | 278.2 | 248.0 | 221.6 | 196.5 | 175.2 | 155.7 |
| 42.5° | 530.3 | 454.7 | 390.2 | 338.2 | 296.6 | 258.7 | 229.2 | 201.4 | 176.4 | 154.0 | 132.5 |
| 45° | 539.2 | 452.7 | 381.2 | 324.4 | 280.6 | 242.3 | 210.8 | 183.6 | 157.6 | 134.2 | 113.7 |
| 47.5° | 547.7 | 451.5 | 373.9 | 313.1 | 266.0 | 227.4 | 196.2 | 167.7 | 141.5 | 118.6 | 100.0 |
| 50° | 552.8 | 449.6 | 366.3 | 299.4 | 249.7 | 212.1 | 182.3 | 153.5 | 127.1 | 105.2 | 88.6 |
| 52.5° | 554.3 | 445.9 | 356.3 | 283.8 | 235.7 | 199.1 | 168.1 | 139.3 | 113.8 | 94.2 | 78.8 |
| 55° | 553.1 | 438.6 | 342.7 | 271.1 | 221.3 | 184.7 | 153.7 | 125.7 | 102.7 | 84.2 | 71.8 |
| 57.5° | 547.4 | 424.0 | 325.3 | 255.0 | 204.8 | 166.5 | 136.0 | 110.5 | 90.0 | 75.2 | 65.7 |
| 60° | 534.5 | 403.0 | 303.9 | 232.4 | 181.3 | 145.0 | 116.2 | 94.2 | 76.9 | 66.2 | 60.0 |
| 62.5° | 506.4 | 372.7 | 272.9 | 200.6 | 149.8 | 116.4 | 91.3 | 75.1 | 63.4 | 57.8 | 54.0 |
| 63° | 498.1 | 362.2 | 263.8 | 192.1 | 144.3 | 110.0 | 85.7 | 71.0 | 60.5 | 55.9 | 52.9 |
| 65° | 454.4 | 313.8 | 223.0 | 154.5 | 111.8 | 83.4 | 65.4 | 55.7 | 50.1 | 48.5 | 47.6 |
| 67.5° | 372.4 | 244.1 | 156.9 | 103.7 | 75.1 | 57.6 | 48.3 | 44.6 | 42.5 | 42.4 | 42.9 |
| 70° | 263.1 | 162.0 | 97.1 | 66.4 | 51.7 | 43.5 | 40.0 | 38.3 | 37.3 | 37.6 | 38.6 |
| 72.5° | 171.1 | 95.0 | 61.3 | 48.6 | 42.0 | 38.3 | 35.7 | 35.2 | 34.9 | 34.6 | 34.9 |
| 75° | 90.5 | 59.5 | 46.4 | 40.7 | 36.8 | 33.7 | 32.0 | 31.3 | 31.5 | 31.5 | 31.5 |
| 77.5° | 56.1 | 45.2 | 39.6 | 35.9 | 32.9 | 29.8 | 28.1 | 27.6 | 27.8 | 28.1 | 28.3 |
| 80° | 43.0 | 39.5 | 34.9 | 32.2 | 27.8 | 25.2 | 24.4 | 24.2 | 24.6 | 24.6 | 25.1 |
| 82.5° | 31.5 | 30.5 | 28.8 | 25.4 | 22.0 | 20.3 | 20.2 | 20.8 | 20.2 | 20.0 | 20.3 |
| 85° | 18.5 | 17.3 | 18.8 | 16.1 | 14.7 | 13.7 | 14.4 | 15.8 | 16.4 | 15.6 | 15.2 |
| 87.5° | 5.9 | 4.1 | 5.9 | 6.6 | 5.9 | 5.1 | 6.4 | 7.6 | 7.8 | 7.5 | 8.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P145866

CATALOG NUMBER: CNC-F01-LED-E1-CPL-7050

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 |
| 2.5° | 283.6 | 284.8 | 283.6 | 284.1 | 283.9 | 283.6 | 284.1 | 283.4 | 283.1 | 284.1 | 283.9 |
| 5° | 294.3 | 294.4 | 292.9 | 293.1 | 292.9 | 291.6 | 291.6 | 290.9 | 290.0 | 290.2 | 289.9 |
| 7.5° | 302.9 | 302.6 | 301.4 | 300.9 | 299.4 | 298.3 | 297.7 | 296.6 | 296.0 | 295.3 | 295.0 |
| 10° | 309.5 | 308.7 | 307.8 | 306.3 | 304.8 | 303.9 | 302.1 | 300.5 | 300.0 | 299.0 | 298.3 |
| 12.5° | 315.3 | 313.8 | 312.4 | 310.5 | 308.7 | 307.3 | 305.1 | 303.9 | 303.1 | 301.7 | 300.7 |
| 15° | 318.5 | 315.6 | 313.1 | 310.2 | 308.2 | 306.1 | 303.6 | 303.1 | 301.9 | 300.5 | 298.7 |
| 17.5° | 314.6 | 310.5 | 305.8 | 302.7 | 299.7 | 296.6 | 294.1 | 294.1 | 293.6 | 292.1 | 288.9 |
| 20° | 306.6 | 300.5 | 295.0 | 290.0 | 287.0 | 282.6 | 281.1 | 278.7 | 277.0 | 274.3 | 270.2 |
| 22.5° | 293.6 | 287.2 | 279.9 | 275.0 | 269.7 | 264.8 | 261.7 | 258.0 | 256.7 | 252.3 | 246.8 |
| 25° | 279.0 | 269.7 | 261.9 | 255.5 | 248.2 | 242.4 | 238.2 | 233.1 | 229.7 | 225.5 | 218.7 |
| 27.5° | 261.7 | 252.1 | 243.3 | 236.2 | 228.5 | 220.6 | 212.8 | 206.9 | 200.8 | 195.8 | 191.9 |
| 30° | 243.1 | 233.1 | 222.3 | 214.0 | 205.2 | 195.2 | 188.7 | 180.8 | 176.0 | 170.6 | 165.5 |
| 32.5° | 218.7 | 209.9 | 197.2 | 187.5 | 176.7 | 168.9 | 163.7 | 156.0 | 150.4 | 145.9 | 143.0 |
| 35° | 191.9 | 178.7 | 166.0 | 158.7 | 151.3 | 145.0 | 137.7 | 131.8 | 128.1 | 123.3 | 120.8 |
| 37.5° | 162.8 | 147.4 | 136.5 | 130.1 | 122.5 | 119.4 | 114.9 | 111.3 | 107.9 | 104.7 | 102.7 |
| 40° | 136.7 | 122.5 | 112.7 | 107.2 | 102.2 | 98.8 | 95.9 | 94.4 | 92.2 | 89.6 | 88.1 |
| 42.5° | 115.0 | 103.7 | 94.0 | 88.9 | 85.0 | 84.7 | 82.8 | 81.7 | 80.8 | 79.3 | 76.9 |
| 45° | 98.1 | 87.8 | 79.5 | 75.4 | 73.7 | 73.9 | 73.9 | 72.8 | 72.8 | 72.3 | 70.8 |
| 47.5° | 86.7 | 77.4 | 71.3 | 68.6 | 67.9 | 68.1 | 67.6 | 67.3 | 67.4 | 67.3 | 66.4 |
| 50° | 77.9 | 70.0 | 64.9 | 63.9 | 63.7 | 63.5 | 62.9 | 62.3 | 62.2 | 62.5 | 62.3 |
| 52.5° | 69.0 | 62.3 | 59.5 | 59.1 | 59.3 | 59.3 | 59.1 | 59.0 | 59.3 | 59.6 | 59.1 |
| 55° | 63.9 | 59.1 | 57.3 | 57.3 | 57.3 | 57.3 | 57.1 | 56.9 | 57.4 | 57.9 | 57.1 |
| 57.5° | 59.1 | 55.7 | 55.1 | 55.1 | 55.1 | 54.7 | 54.7 | 54.9 | 55.6 | 56.6 | 55.6 |
| 60° | 55.6 | 53.9 | 53.9 | 54.0 | 53.9 | 53.2 | 52.7 | 52.7 | 53.5 | 54.9 | 54.0 |
| 62.5° | 52.2 | 51.3 | 51.7 | 51.5 | 51.2 | 50.3 | 49.6 | 49.6 | 50.7 | 52.0 | 52.3 |
| 63° | 51.3 | 50.7 | 51.0 | 50.8 | 50.5 | 49.8 | 49.1 | 49.1 | 50.0 | 51.3 | 51.8 |
| 65° | 47.6 | 47.8 | 47.9 | 48.1 | 47.9 | 47.8 | 46.9 | 46.6 | 47.3 | 48.3 | 49.0 |
| 67.5° | 43.2 | 43.5 | 43.9 | 44.7 | 44.4 | 44.4 | 43.9 | 43.5 | 43.7 | 44.2 | 44.7 |
| 70° | 39.1 | 39.5 | 40.0 | 40.3 | 40.5 | 40.7 | 40.3 | 39.8 | 40.0 | 40.2 | 40.5 |
| 72.5° | 35.2 | 35.6 | 35.9 | 36.6 | 36.6 | 36.6 | 36.3 | 35.9 | 36.1 | 36.4 | 36.8 |
| 75° | 31.7 | 31.9 | 32.2 | 32.7 | 32.9 | 32.5 | 32.5 | 32.2 | 32.4 | 32.9 | 33.2 |
| 77.5° | 28.1 | 27.8 | 28.0 | 28.3 | 28.8 | 28.8 | 29.0 | 28.8 | 29.1 | 29.5 | 29.8 |
| 80° | 24.1 | 23.7 | 23.4 | 23.5 | 24.2 | 25.1 | 25.9 | 25.9 | 26.4 | 26.6 | 27.1 |
| 82.5° | 19.1 | 18.8 | 18.6 | 19.1 | 19.0 | 20.2 | 22.0 | 23.0 | 23.7 | 24.4 | 24.7 |
| 85° | 14.9 | 14.1 | 14.4 | 14.4 | 14.1 | 15.9 | 17.6 | 19.0 | 19.1 | 20.2 | 20.3 |
| 87.5° | 8.8 | 8.5 | 8.1 | 7.8 | 9.0 | 10.8 | 12.4 | 12.9 | 13.2 | 13.7 | 14.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P145866

CATALOG NUMBER: CNC-F01-LED-E1-CPL-7050

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 |
| 2.5° | 282.6 | 283.9 | 283.6 | 283.4 | 283.6 | 283.4 | 282.9 | 283.1 | 282.8 | 282.9 | 282.6 |
| 5° | 288.0 | 288.7 | 288.2 | 287.3 | 287.3 | 286.1 | 285.3 | 284.6 | 283.8 | 283.4 | 282.8 |
| 7.5° | 293.3 | 292.7 | 292.1 | 290.5 | 289.7 | 288.2 | 287.0 | 285.6 | 284.8 | 283.8 | 282.6 |
| 10° | 296.5 | 295.5 | 294.1 | 292.2 | 289.9 | 288.5 | 286.8 | 284.8 | 283.8 | 283.3 | 282.1 |
| 12.5° | 298.0 | 295.3 | 293.1 | 289.7 | 286.3 | 283.8 | 281.9 | 279.9 | 279.4 | 278.7 | 277.8 |
| 15° | 294.4 | 290.5 | 285.0 | 280.4 | 276.0 | 272.4 | 270.9 | 268.7 | 268.2 | 268.0 | 267.8 |
| 17.5° | 282.4 | 276.5 | 271.1 | 265.0 | 261.1 | 257.8 | 256.5 | 256.0 | 255.1 | 254.8 | 255.0 |
| 20° | 263.1 | 258.0 | 252.6 | 250.6 | 246.0 | 245.1 | 243.1 | 241.8 | 240.2 | 239.7 | 238.9 |
| 22.5° | 240.6 | 234.3 | 230.9 | 229.4 | 227.5 | 223.1 | 222.1 | 220.7 | 218.7 | 217.2 | 216.9 |
| 25° | 214.3 | 209.2 | 209.1 | 205.5 | 204.0 | 201.6 | 198.9 | 197.2 | 196.0 | 194.1 | 192.8 |
| 27.5° | 187.5 | 185.7 | 182.5 | 179.7 | 178.7 | 177.4 | 173.3 | 172.5 | 171.1 | 169.6 | 168.1 |
| 30° | 162.6 | 161.3 | 158.2 | 155.7 | 154.2 | 151.5 | 147.6 | 147.9 | 145.2 | 143.2 | 141.8 |
| 32.5° | 138.4 | 137.4 | 134.5 | 133.8 | 128.9 | 127.6 | 123.5 | 120.5 | 117.7 | 115.7 | 114.0 |
| 35° | 116.6 | 113.8 | 114.0 | 111.0 | 108.3 | 104.2 | 100.0 | 96.1 | 93.9 | 92.8 | 91.3 |
| 37.5° | 100.8 | 98.3 | 95.7 | 92.3 | 89.3 | 86.4 | 83.9 | 82.7 | 81.3 | 81.7 | 81.8 |
| 40° | 86.6 | 84.7 | 82.8 | 80.5 | 78.6 | 77.4 | 76.7 | 76.7 | 76.9 | 77.8 | 78.4 |
| 42.5° | 76.4 | 74.9 | 73.9 | 73.0 | 73.4 | 73.4 | 73.9 | 74.7 | 75.6 | 76.7 | 77.4 |
| 45° | 69.6 | 68.8 | 68.4 | 68.8 | 69.8 | 70.6 | 71.8 | 73.2 | 74.5 | 75.7 | 76.2 |
| 47.5° | 65.6 | 65.1 | 65.1 | 65.9 | 67.4 | 68.8 | 70.6 | 72.0 | 73.5 | 74.5 | 74.9 |
| 50° | 61.2 | 61.0 | 61.0 | 61.7 | 63.0 | 64.7 | 66.6 | 67.9 | 69.3 | 70.1 | 70.5 |
| 52.5° | 58.6 | 58.1 | 57.9 | 58.8 | 60.0 | 61.7 | 63.5 | 64.9 | 65.9 | 66.6 | 66.7 |
| 55° | 56.4 | 55.9 | 55.6 | 56.6 | 57.9 | 59.5 | 61.7 | 63.2 | 64.2 | 65.1 | 65.7 |
| 57.5° | 54.6 | 54.0 | 53.7 | 54.9 | 56.2 | 58.1 | 60.0 | 61.7 | 63.0 | 64.0 | 64.7 |
| 60° | 53.0 | 52.3 | 52.0 | 53.4 | 54.7 | 56.6 | 58.4 | 60.3 | 62.2 | 63.4 | 63.7 |
| 62.5° | 51.2 | 50.7 | 50.1 | 51.0 | 51.7 | 53.0 | 54.7 | 56.6 | 58.3 | 59.5 | 59.5 |
| 63° | 50.7 | 50.5 | 49.8 | 50.5 | 51.2 | 52.3 | 54.0 | 55.7 | 57.4 | 58.8 | 58.6 |
| 65° | 48.5 | 48.5 | 48.1 | 48.8 | 49.5 | 50.7 | 52.0 | 53.9 | 55.4 | 56.4 | 56.6 |
| 67.5° | 44.9 | 45.1 | 45.4 | 46.1 | 47.4 | 48.6 | 50.1 | 51.8 | 53.2 | 53.9 | 54.2 |
| 70° | 40.8 | 41.2 | 41.8 | 42.9 | 44.0 | 45.1 | 46.1 | 47.8 | 49.0 | 49.6 | 50.0 |
| 72.5° | 36.9 | 37.8 | 38.3 | 39.1 | 39.8 | 40.8 | 41.7 | 43.4 | 44.4 | 44.9 | 45.7 |
| 75° | 33.4 | 34.1 | 34.4 | 34.9 | 35.6 | 35.9 | 36.9 | 37.6 | 39.0 | 39.6 | 40.7 |
| 77.5° | 30.0 | 30.3 | 30.8 | 31.7 | 31.9 | 32.4 | 32.7 | 33.7 | 34.4 | 35.1 | 35.9 |
| 80° | 26.9 | 27.3 | 28.0 | 28.5 | 28.6 | 29.0 | 29.1 | 29.0 | 28.8 | 28.3 | 29.0 |
| 82.5° | 24.2 | 24.6 | 25.4 | 25.9 | 26.4 | 26.4 | 26.3 | 24.4 | 23.5 | 23.9 | 24.4 |
| 85° | 20.0 | 20.3 | 21.2 | 22.2 | 22.4 | 22.2 | 22.4 | 20.5 | 19.3 | 18.8 | 19.3 |
| 87.5° | 12.5 | 12.2 | 15.1 | 16.4 | 15.4 | 15.8 | 15.9 | 14.9 | 13.9 | 11.9 | 12.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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 CATALOG NUMBER: CNC-F01-LED-E1-CPL-7050

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 0° |
| 2.5° | 282.9 | 281.7 | 281.9 | 282.2 | 282.2 | 282.8 | 282.1 | 281.2 | 281.7 | 280.9 | 280.7 | 2.5° |
| 5° | 282.8 | 281.2 | 281.2 | 281.6 | 281.2 | 281.6 | 281.1 | 280.2 | 280.7 | 279.7 | 279.5 | 5° |
| 7.5° | 282.1 | 281.2 | 281.6 | 281.9 | 281.4 | 281.6 | 281.4 | 280.2 | 280.4 | 279.9 | 278.7 | 7.5° |
| 10° | 281.7 | 281.2 | 281.9 | 282.9 | 282.9 | 283.1 | 282.6 | 281.2 | 280.4 | 279.9 | 278.9 | 10° |
| 12.5° | 278.2 | 278.9 | 280.2 | 282.6 | 283.4 | 284.8 | 285.5 | 284.8 | 285.1 | 284.4 | 284.1 | 12.5° |
| 15° | 268.0 | 269.7 | 271.9 | 275.5 | 278.0 | 281.1 | 284.8 | 286.5 | 289.7 | 292.2 | 293.9 | 15° |
| 17.5° | 255.8 | 257.0 | 259.4 | 263.4 | 266.7 | 272.8 | 277.8 | 283.6 | 289.9 | 296.6 | 302.6 | 17.5° |
| 20° | 240.7 | 239.9 | 243.6 | 248.0 | 253.6 | 260.4 | 267.8 | 276.5 | 286.8 | 297.7 | 308.0 | 20° |
| 22.5° | 218.5 | 218.5 | 222.4 | 227.7 | 234.5 | 242.3 | 252.6 | 261.9 | 275.5 | 291.2 | 306.5 | 22.5° |
| 25° | 193.1 | 193.6 | 196.4 | 202.3 | 207.0 | 218.2 | 227.9 | 239.9 | 256.2 | 273.4 | 293.8 | 25° |
| 27.5° | 166.0 | 169.4 | 168.7 | 175.0 | 181.3 | 192.3 | 205.5 | 217.7 | 235.8 | 254.3 | 277.5 | 27.5° |
| 30° | 141.5 | 141.0 | 140.8 | 148.2 | 154.5 | 164.5 | 175.3 | 190.8 | 209.1 | 232.8 | 259.5 | 30° |
| 32.5° | 111.0 | 112.8 | 114.2 | 118.6 | 125.4 | 134.7 | 146.4 | 162.5 | 184.5 | 208.4 | 238.5 | 32.5° |
| 35° | 91.7 | 92.2 | 94.0 | 96.6 | 102.5 | 110.3 | 122.5 | 136.7 | 156.0 | 180.8 | 212.8 | 35° |
| 37.5° | 82.2 | 82.7 | 84.7 | 87.1 | 91.3 | 97.1 | 105.4 | 116.4 | 134.2 | 157.2 | 187.0 | 37.5° |
| 40° | 79.1 | 79.6 | 80.8 | 83.0 | 86.9 | 91.8 | 98.4 | 106.9 | 119.8 | 137.7 | 163.8 | 40° |
| 42.5° | 77.8 | 77.8 | 77.9 | 79.6 | 83.5 | 89.3 | 96.4 | 104.0 | 113.5 | 127.1 | 148.2 | 42.5° |
| 45° | 76.2 | 76.2 | 76.1 | 77.3 | 80.3 | 86.9 | 95.6 | 104.9 | 115.2 | 126.9 | 143.5 | 45° |
| 47.5° | 74.9 | 74.5 | 74.2 | 74.7 | 77.3 | 84.0 | 94.0 | 105.4 | 118.6 | 133.2 | 149.9 | 47.5° |
| 50° | 70.1 | 70.1 | 70.0 | 70.1 | 72.5 | 79.6 | 91.1 | 104.9 | 121.6 | 140.4 | 160.8 | 50° |
| 52.5° | 66.7 | 66.9 | 67.1 | 67.1 | 69.0 | 76.2 | 88.9 | 105.0 | 125.0 | 147.6 | 173.3 | 52.5° |
| 55° | 65.9 | 66.2 | 66.2 | 65.9 | 67.4 | 74.0 | 86.9 | 104.5 | 127.4 | 155.5 | 186.7 | 55° |
| 57.5° | 64.9 | 65.1 | 65.2 | 64.9 | 65.9 | 71.7 | 84.0 | 102.2 | 126.7 | 158.6 | 196.7 | 57.5° |
| 60° | 63.5 | 62.9 | 62.7 | 62.2 | 62.9 | 67.4 | 78.9 | 97.1 | 122.7 | 157.2 | 200.1 | 60° |
| 62.5° | 59.8 | 59.3 | 58.8 | 58.3 | 58.8 | 62.2 | 73.4 | 90.8 | 115.9 | 151.8 | 197.4 | 62.5° |
| 63° | 59.0 | 58.6 | 58.1 | 57.6 | 57.6 | 61.3 | 71.5 | 89.3 | 114.2 | 150.3 | 196.4 | 63° |
| 65° | 56.6 | 56.4 | 56.1 | 55.6 | 55.4 | 58.3 | 67.3 | 82.3 | 106.2 | 143.5 | 189.9 | 65° |
| 67.5° | 53.9 | 53.9 | 53.7 | 53.0 | 52.2 | 53.9 | 60.1 | 72.0 | 92.3 | 126.0 | 174.0 | 67.5° |
| 70° | 50.0 | 50.0 | 49.8 | 49.5 | 48.5 | 49.6 | 53.7 | 61.5 | 76.1 | 103.0 | 145.9 | 70° |
| 72.5° | 46.1 | 46.1 | 46.6 | 46.4 | 46.6 | 46.8 | 48.8 | 53.0 | 61.8 | 80.1 | 110.3 | 72.5° |
| 75° | 41.0 | 41.8 | 42.0 | 42.4 | 42.5 | 42.4 | 43.4 | 45.9 | 51.0 | 61.5 | 80.5 | 75° |
| 77.5° | 36.8 | 37.9 | 37.8 | 37.4 | 37.3 | 37.4 | 37.3 | 38.5 | 42.2 | 48.8 | 59.6 | 77.5° |
| 80° | 30.3 | 31.5 | 31.5 | 31.3 | 31.0 | 31.3 | 31.0 | 32.2 | 35.2 | 41.0 | 47.4 | 80° |
| 82.5° | 24.9 | 25.8 | 26.3 | 26.6 | 26.3 | 27.6 | 27.6 | 27.3 | 29.6 | 34.7 | 40.0 | 82.5° |
| 85° | 20.0 | 20.8 | 21.3 | 22.0 | 22.4 | 22.0 | 21.9 | 21.5 | 22.9 | 26.9 | 30.5 | 85° |
| 87.5° | 12.7 | 13.4 | 13.4 | 13.6 | 13.6 | 14.1 | 13.0 | 11.9 | 10.8 | 15.4 | 16.1 | 87.5° |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 90° |



NUMBER: P145866

NUMBER: CNC-F01-LED-E1-CPL-7050

DISTRIBUTION (continued):

| 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|-------|-------|-------|-------|-------|--------|
| 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 |
| 280.2 | 280.2 | 280.4 | 279.9 | 280.4 | 280.4 | 279.9 |
| 279.0 | 278.7 | 278.7 | 278.5 | 278.9 | 278.7 | 278.5 |
| 278.0 | 278.0 | 277.3 | 276.8 | 276.7 | 277.3 | 277.0 |
| 277.7 | 277.3 | 277.2 | 276.8 | 277.0 | 277.5 | 277.8 |
| 283.8 | 282.6 | 282.9 | 282.8 | 282.9 | 283.4 | 284.4 |
| 295.0 | 295.0 | 295.8 | 293.9 | 294.8 | 295.6 | 297.0 |
| 307.5 | 310.5 | 312.1 | 311.9 | 312.2 | 312.9 | 314.4 |
| 318.2 | 327.8 | 334.6 | 336.3 | 340.9 | 341.9 | 339.5 |
| 322.9 | 340.2 | 355.4 | 365.6 | 376.9 | 381.5 | 382.9 |
| 313.2 | 338.2 | 363.2 | 386.6 | 409.0 | 421.8 | 433.2 |
| 303.3 | 332.7 | 366.1 | 401.0 | 437.4 | 470.3 | 494.9 |
| 289.4 | 328.3 | 373.4 | 420.5 | 468.8 | 514.5 | 555.5 |
| 274.1 | 321.2 | 374.1 | 431.3 | 491.0 | 547.9 | 597.5 |
| 252.3 | 304.6 | 363.2 | 429.6 | 498.8 | 570.1 | 632.1 |
| 227.2 | 278.2 | 343.9 | 419.8 | 498.2 | 581.4 | 655.8 |
| 200.4 | 252.6 | 321.7 | 403.0 | 491.6 | 585.0 | 672.4 |
| 180.3 | 231.9 | 299.7 | 387.1 | 481.8 | 582.6 | 680.4 |
| 169.9 | 214.1 | 281.7 | 371.5 | 470.8 | 576.9 | 683.8 |
| 172.0 | 209.4 | 271.1 | 358.7 | 461.0 | 570.6 | 682.9 |
| 183.3 | 216.5 | 270.9 | 353.9 | 454.7 | 564.8 | 680.5 |
| 200.4 | 232.6 | 280.7 | 359.5 | 458.1 | 564.3 | 680.4 |
| 219.7 | 255.1 | 304.4 | 374.6 | 472.5 | 573.5 | 684.4 |
| 238.4 | 282.6 | 334.9 | 408.3 | 499.8 | 596.3 | 700.9 |
| 249.4 | 307.7 | 374.1 | 455.9 | 541.8 | 636.5 | 737.0 |
| 251.9 | 322.7 | 408.8 | 502.7 | 599.4 | 694.6 | 793.2 |
| 251.8 | 324.3 | 414.7 | 512.3 | 611.1 | 708.0 | 807.6 |
| 247.9 | 327.3 | 430.7 | 544.2 | 658.0 | 765.4 | 867.7 |
| 235.7 | 321.9 | 439.5 | 573.8 | 704.6 | 828.8 | 958.2 |
| 207.7 | 297.2 | 429.1 | 583.5 | 732.4 | 870.8 | 1018.5 |
| 162.6 | 245.1 | 370.5 | 533.3 | 694.8 | 833.2 | 1020.0 |
| 114.4 | 173.3 | 285.1 | 437.9 | 567.9 | 704.1 | 911.1 |
| 79.6 | 112.3 | 185.2 | 294.6 | 409.8 | 513.7 | 677.3 |
| 58.3 | 74.7 | 111.0 | 176.2 | 248.7 | 321.0 | 420.3 |
| 44.9 | 53.9 | 71.0 | 106.4 | 140.4 | 179.7 | 253.4 |
| 31.5 | 35.6 | 43.9 | 65.7 | 94.2 | 128.6 | 185.7 |
| 13.7 | 16.1 | 21.2 | 38.8 | 63.7 | 61.3 | 58.4 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)