

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: P146995

Luminaire Tested: **CNC-F02-LED-E1-T4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P146995
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33696)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: CNC-F02-LED-E1-T4
Description: CONCISE LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 4
Light Source: (14) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4851.8 lumens
Efficiency: N/A
Efficacy: 88.2 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 1' x H: 0')
IES Classification: Type IV - Short - Semi-Cutoff
BUG Rating: B1 - U0 - G2

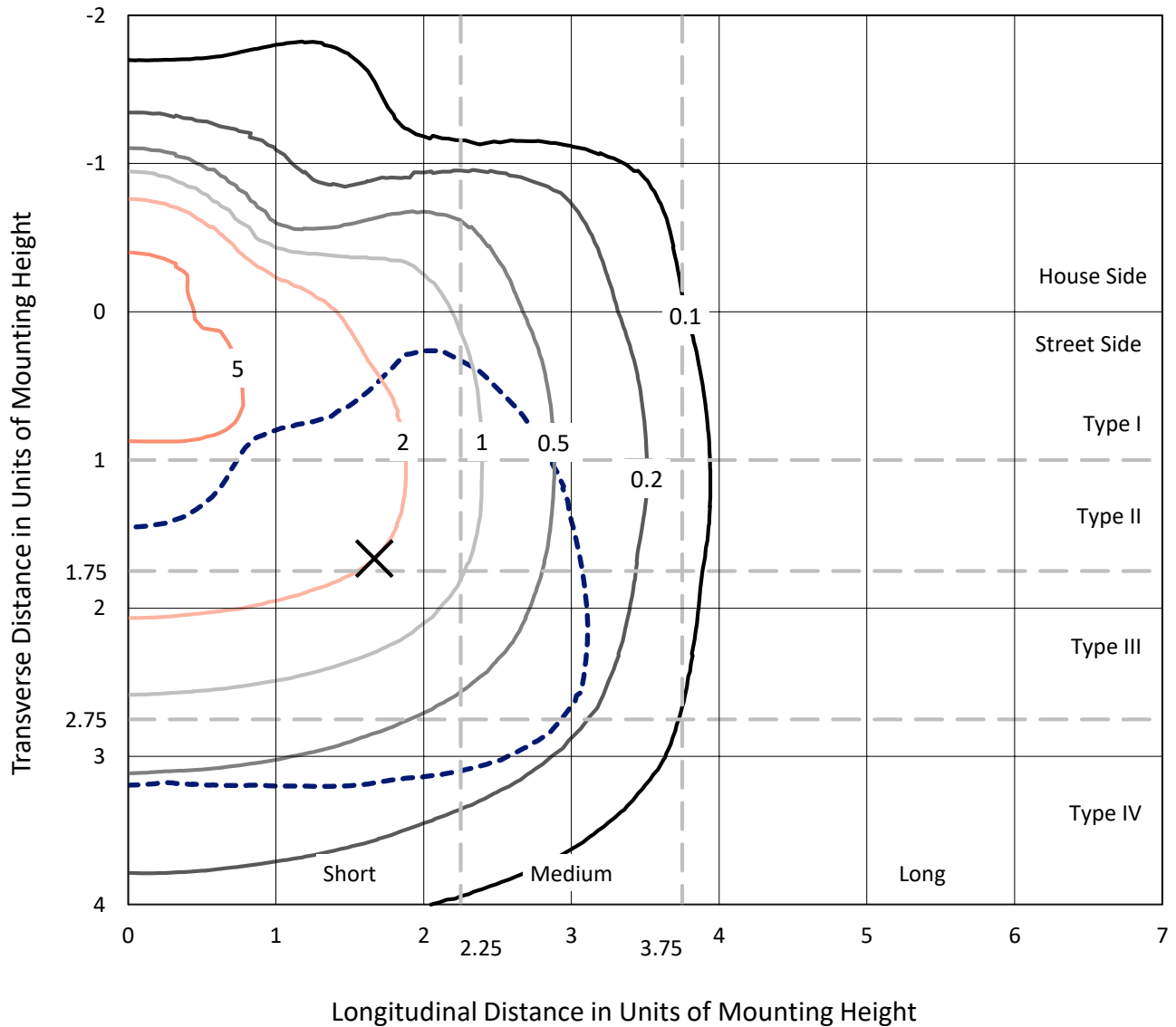
Input Watts (W): 55
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P146995
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Iso-Footcandle Lines of Horizontal Illumination

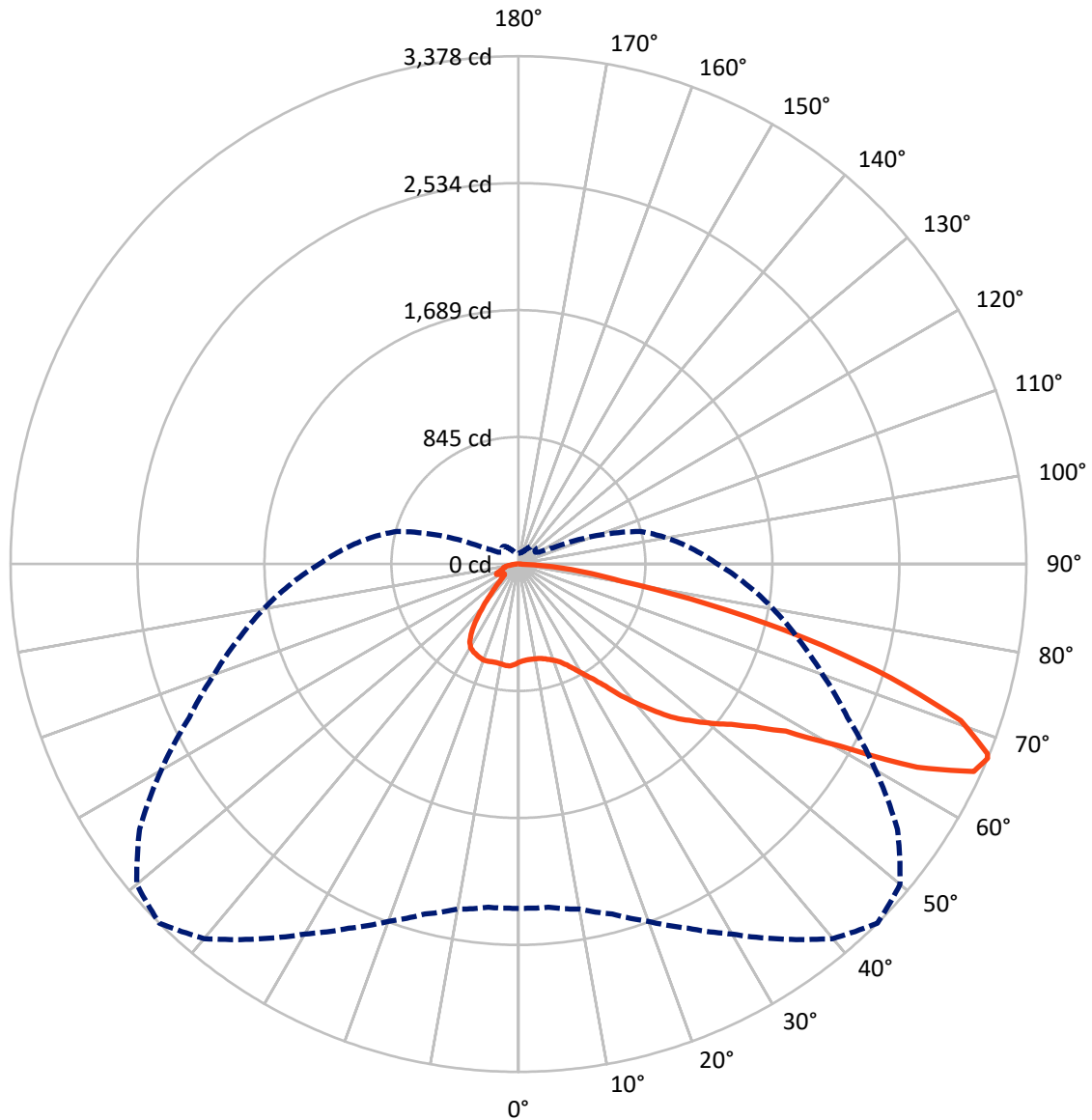
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 6.7 fc
 Type IV - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 983.1 | 0.0 | 983.1 |
| | % Fixture | 20.3 | 0.0 | 20.3 |
| Street Side | Lumens | 3868.7 | 0.0 | 3868.7 |
| | % Fixture | 79.7 | 0.0 | 79.7 |
| Total | Lumens | 4851.8 | 0.0 | 4851.8 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 63.0 | 1.3 |
| 10°-20° | 189.0 | 3.9 |
| 20°-30° | 321.3 | 6.6 |
| 30°-40° | 482.8 | 10.0 |
| 40°-50° | 627.8 | 12.9 |
| 50°-60° | 862.0 | 17.8 |
| 60°-70° | 1359.8 | 28.0 |
| 70°-80° | 821.6 | 16.9 |
| 80°-90° | 124.5 | 2.6 |
| 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° | 4851.8 | 100.0 |
| 0°-180° | 4851.8 | 100.0 |



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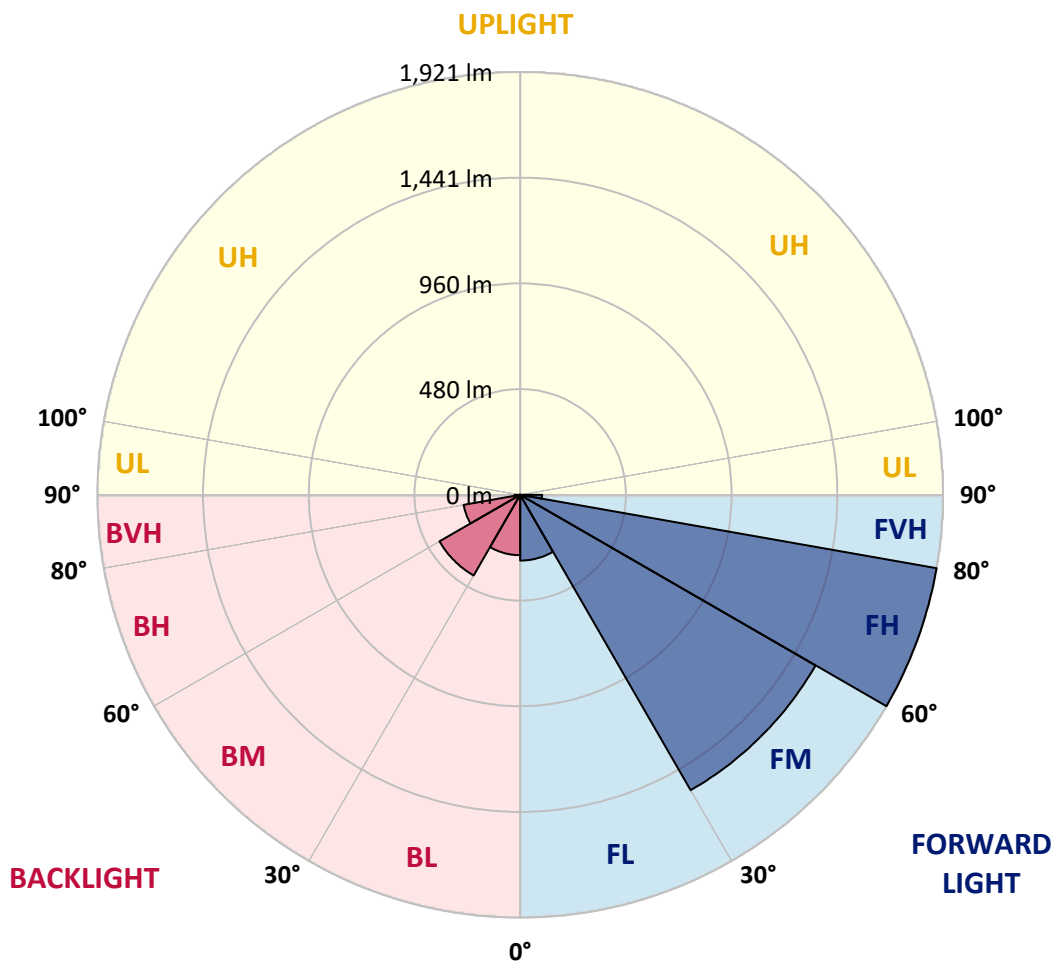
CATALOG NUMBER: CNC-F02-LED-E1-T4

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 298.8 | 6.2 | | | |
| FM | (30°-60°) | 1549.6 | 31.9 | | | |
| FH | (60°-80°) | 1920.9 | 39.6 | | | G2/5000 |
| FVH | (80°-90°) | 99.4 | 2.0 | | | G1/100 |
| BL | (0°-30°) | 274.5 | 5.7 | B1/500 | | |
| BM | (30°-60°) | 423.0 | 8.7 | B1/1000 | | |
| BH | (60°-80°) | 260.5 | 5.4 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 25.1 | 0.5 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G2

Type IV Short





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CATALOG NUMBER: CNC-F02-LED-E1-T4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 653.2 | 653.2 | 653.2 | 653.2 | 653.2 | 653.2 | 653.2 | 653.2 | 653.2 | 653.2 | 653.2 |
| 2.5° | 638.6 | 639.9 | 639.0 | 639.0 | 639.3 | 639.6 | 640.3 | 641.6 | 641.9 | 643.9 | 644.2 |
| 5° | 625.7 | 626.1 | 626.1 | 626.4 | 628.4 | 630.0 | 631.7 | 634.0 | 636.0 | 639.6 | 641.9 |
| 7.5° | 621.1 | 622.4 | 622.1 | 622.8 | 624.8 | 626.4 | 628.4 | 631.7 | 636.6 | 639.6 | 642.9 |
| 10° | 628.7 | 629.7 | 628.7 | 629.0 | 629.4 | 631.0 | 631.7 | 634.0 | 638.0 | 640.6 | 643.6 |
| 12.5° | 646.2 | 646.2 | 645.2 | 644.6 | 643.6 | 643.9 | 642.6 | 642.3 | 644.2 | 644.6 | 644.9 |
| 15° | 669.3 | 672.0 | 668.7 | 666.0 | 664.7 | 663.4 | 659.1 | 657.4 | 657.1 | 654.1 | 651.2 |
| 17.5° | 692.8 | 693.4 | 691.5 | 688.5 | 686.5 | 683.5 | 679.9 | 676.6 | 672.6 | 668.0 | 662.1 |
| 20° | 718.9 | 719.2 | 716.6 | 712.3 | 710.0 | 706.3 | 701.7 | 696.1 | 691.1 | 683.9 | 677.3 |
| 22.5° | 755.2 | 754.9 | 749.6 | 745.9 | 742.6 | 738.3 | 731.7 | 724.2 | 716.2 | 707.6 | 698.4 |
| 25° | 796.8 | 796.8 | 793.2 | 787.2 | 785.6 | 779.3 | 772.0 | 763.1 | 754.9 | 742.6 | 731.4 |
| 27.5° | 844.3 | 844.7 | 838.1 | 834.8 | 831.1 | 824.5 | 819.6 | 812.6 | 801.4 | 789.2 | 777.6 |
| 30° | 900.8 | 899.2 | 893.9 | 886.9 | 885.6 | 880.3 | 873.4 | 868.5 | 854.6 | 846.0 | 833.1 |
| 32.5° | 954.3 | 956.9 | 955.6 | 947.7 | 949.0 | 943.7 | 937.8 | 934.2 | 919.6 | 911.4 | 899.5 |
| 35° | 1034.2 | 1036.5 | 1038.5 | 1035.5 | 1037.2 | 1034.2 | 1029.3 | 1019.7 | 1007.8 | 996.9 | 980.4 |
| 37.5° | 1096.3 | 1098.6 | 1099.9 | 1107.2 | 1117.8 | 1128.0 | 1132.6 | 1127.7 | 1128.3 | 1111.8 | 1089.7 |
| 40° | 1147.1 | 1152.8 | 1160.7 | 1174.6 | 1195.7 | 1215.2 | 1225.7 | 1234.0 | 1238.3 | 1222.8 | 1194.0 |
| 42.5° | 1198.0 | 1203.9 | 1214.8 | 1237.0 | 1266.0 | 1294.1 | 1316.2 | 1341.6 | 1346.3 | 1342.3 | 1317.9 |
| 45° | 1251.2 | 1258.1 | 1271.6 | 1296.7 | 1330.7 | 1367.4 | 1403.1 | 1439.1 | 1457.2 | 1460.2 | 1430.5 |
| 47.5° | 1315.2 | 1325.1 | 1337.7 | 1366.1 | 1399.1 | 1440.4 | 1485.0 | 1531.2 | 1559.6 | 1559.6 | 1525.2 |
| 50° | 1395.1 | 1406.4 | 1416.9 | 1445.3 | 1478.4 | 1520.9 | 1572.5 | 1624.0 | 1662.6 | 1664.9 | 1623.3 |
| 52.5° | 1507.1 | 1508.7 | 1515.0 | 1541.1 | 1569.8 | 1617.4 | 1666.2 | 1726.0 | 1770.6 | 1772.6 | 1724.7 |
| 55° | 1643.1 | 1643.1 | 1650.4 | 1672.2 | 1698.9 | 1738.2 | 1788.7 | 1855.1 | 1902.0 | 1912.2 | 1850.8 |
| 57.5° | 1822.1 | 1828.7 | 1832.3 | 1857.8 | 1875.9 | 1917.5 | 1959.8 | 2032.1 | 2091.9 | 2098.5 | 2036.1 |
| 60° | 2113.3 | 2100.8 | 2120.9 | 2143.4 | 2186.0 | 2216.4 | 2288.4 | 2361.0 | 2437.3 | 2455.4 | 2388.4 |
| 62.5° | 2400.3 | 2413.8 | 2438.6 | 2479.2 | 2552.2 | 2620.2 | 2723.2 | 2833.5 | 2952.1 | 2976.5 | 2925.3 |
| 65° | 2418.1 | 2426.4 | 2460.7 | 2530.7 | 2630.5 | 2751.6 | 2893.6 | 3059.7 | 3236.4 | 3327.9 | 3242.0 |
| 67° | 2290.0 | 2292.3 | 2331.3 | 2410.9 | 2530.4 | 2674.0 | 2842.1 | 3044.9 | 3252.2 | 3378.0 | 3314.0 |
| 67.5° | 2249.4 | 2253.7 | 2292.0 | 2373.2 | 2494.1 | 2641.0 | 2812.4 | 3020.8 | 3233.1 | 3364.5 | 3306.7 |
| 70° | 2011.0 | 2011.0 | 2052.3 | 2134.1 | 2247.4 | 2390.7 | 2570.0 | 2780.4 | 3011.2 | 3121.8 | 3072.6 |
| 72.5° | 1711.8 | 1700.9 | 1747.5 | 1809.6 | 1902.0 | 2027.2 | 2171.5 | 2337.6 | 2511.2 | 2591.8 | 2572.3 |
| 75° | 1244.2 | 1264.7 | 1288.8 | 1334.7 | 1414.9 | 1513.7 | 1598.2 | 1746.5 | 1882.9 | 1972.0 | 1948.6 |
| 77.5° | 678.9 | 686.8 | 753.5 | 780.9 | 851.3 | 924.6 | 1017.4 | 1121.4 | 1228.7 | 1284.8 | 1262.1 |
| 80° | 403.5 | 419.0 | 458.7 | 491.4 | 529.3 | 585.1 | 652.5 | 675.3 | 696.4 | 695.1 | 653.8 |
| 82.5° | 254.9 | 273.7 | 316.7 | 344.7 | 364.6 | 396.9 | 433.6 | 462.3 | 468.6 | 437.5 | 389.6 |
| 85° | 41.3 | 68.4 | 178.6 | 210.0 | 222.6 | 240.1 | 267.1 | 279.4 | 260.9 | 227.8 | 236.1 |
| 87.5° | 16.2 | 19.5 | 54.5 | 69.0 | 73.0 | 38.3 | 66.4 | 77.9 | 39.6 | 20.1 | 45.6 |
| 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: P146995

CATALOG NUMBER: CNC-F02-LED-E1-T4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0° | 653.2 | 653.2 | 653.2 | 653.2 | 653.2 | 653.2 | 653.2 | 653.2 | 653.2 | 653.2 | 653.2 |
| 2.5° | 646.2 | 647.9 | 649.5 | 651.5 | 652.2 | 653.8 | 656.8 | 656.5 | 658.8 | 659.8 | 661.4 |
| 5° | 644.9 | 648.5 | 651.2 | 654.8 | 656.1 | 659.8 | 663.7 | 665.0 | 668.0 | 670.3 | 672.3 |
| 7.5° | 647.5 | 651.5 | 654.8 | 659.1 | 662.1 | 665.0 | 668.0 | 671.6 | 674.3 | 675.9 | 677.3 |
| 10° | 648.5 | 652.8 | 656.8 | 660.4 | 663.7 | 666.0 | 669.3 | 672.3 | 674.9 | 675.9 | 676.3 |
| 12.5° | 648.9 | 651.8 | 655.8 | 659.8 | 662.7 | 665.7 | 668.0 | 671.3 | 673.3 | 673.6 | 673.0 |
| 15° | 651.5 | 651.8 | 654.5 | 659.1 | 662.1 | 665.0 | 666.7 | 668.3 | 669.7 | 668.7 | 667.7 |
| 17.5° | 659.4 | 657.1 | 657.1 | 659.4 | 661.1 | 662.4 | 662.7 | 662.4 | 661.1 | 659.1 | 657.4 |
| 20° | 672.3 | 667.7 | 664.1 | 662.7 | 660.1 | 656.8 | 652.5 | 648.5 | 643.6 | 641.3 | 640.9 |
| 22.5° | 692.5 | 685.5 | 678.9 | 672.3 | 663.7 | 654.1 | 644.2 | 635.7 | 628.7 | 625.1 | 625.4 |
| 25° | 726.8 | 716.6 | 709.0 | 697.4 | 683.5 | 670.0 | 657.1 | 645.6 | 637.3 | 630.7 | 632.0 |
| 27.5° | 773.0 | 761.5 | 754.9 | 741.7 | 725.8 | 708.6 | 693.4 | 677.6 | 665.7 | 657.4 | 659.1 |
| 30° | 827.2 | 823.9 | 813.0 | 799.8 | 784.9 | 765.4 | 742.6 | 718.9 | 697.4 | 683.9 | 681.2 |
| 32.5° | 892.6 | 888.9 | 877.0 | 865.8 | 846.7 | 825.2 | 795.5 | 757.8 | 724.2 | 698.4 | 687.2 |
| 35° | 973.1 | 964.2 | 949.7 | 938.8 | 917.3 | 889.6 | 851.3 | 800.4 | 749.2 | 710.6 | 682.5 |
| 37.5° | 1073.5 | 1051.4 | 1027.3 | 998.9 | 967.2 | 933.5 | 889.3 | 829.8 | 766.4 | 711.6 | 661.7 |
| 40° | 1169.3 | 1133.6 | 1093.7 | 1048.7 | 1010.1 | 969.5 | 923.6 | 855.6 | 778.0 | 704.7 | 630.4 |
| 42.5° | 1275.9 | 1220.5 | 1166.3 | 1104.6 | 1053.7 | 1005.5 | 953.0 | 873.7 | 780.3 | 685.8 | 589.8 |
| 45° | 1378.6 | 1307.3 | 1234.7 | 1158.4 | 1093.7 | 1040.2 | 980.4 | 889.3 | 779.6 | 666.0 | 549.5 |
| 47.5° | 1470.1 | 1384.9 | 1295.1 | 1209.2 | 1133.9 | 1075.2 | 1009.8 | 910.4 | 788.5 | 660.4 | 522.7 |
| 50° | 1555.6 | 1457.2 | 1351.9 | 1256.4 | 1174.6 | 1114.5 | 1047.1 | 943.7 | 815.9 | 673.3 | 518.8 |
| 52.5° | 1643.8 | 1536.8 | 1416.3 | 1313.6 | 1228.1 | 1158.4 | 1090.4 | 986.3 | 854.3 | 699.7 | 527.7 |
| 55° | 1758.7 | 1635.9 | 1507.4 | 1393.5 | 1295.4 | 1220.5 | 1141.9 | 1037.8 | 895.5 | 730.4 | 544.5 |
| 57.5° | 1929.7 | 1786.1 | 1640.2 | 1517.6 | 1404.4 | 1310.9 | 1224.7 | 1105.5 | 963.9 | 776.7 | 581.5 |
| 60° | 2236.8 | 2077.7 | 1908.6 | 1748.5 | 1618.0 | 1508.7 | 1399.1 | 1251.2 | 1090.0 | 881.7 | 666.4 |
| 62.5° | 2738.4 | 2518.2 | 2284.4 | 2073.7 | 1894.4 | 1746.5 | 1591.9 | 1414.3 | 1226.4 | 1009.1 | 794.8 |
| 65° | 3039.9 | 2736.1 | 2438.6 | 2194.2 | 1982.3 | 1792.7 | 1605.8 | 1414.9 | 1233.0 | 1043.1 | 852.6 |
| 67° | 3077.2 | 2744.0 | 2414.8 | 2154.6 | 1927.4 | 1721.1 | 1518.3 | 1323.2 | 1160.4 | 1001.2 | 836.8 |
| 67.5° | 3066.0 | 2728.2 | 2392.4 | 2129.5 | 1900.0 | 1700.3 | 1500.8 | 1301.0 | 1142.5 | 983.4 | 824.9 |
| 70° | 2844.8 | 2514.2 | 2182.0 | 1926.4 | 1706.5 | 1502.1 | 1313.6 | 1113.5 | 991.0 | 877.0 | 740.0 |
| 72.5° | 2361.0 | 2103.1 | 1824.7 | 1611.8 | 1421.9 | 1244.9 | 1079.1 | 911.7 | 813.3 | 732.7 | 636.3 |
| 75° | 1750.8 | 1514.3 | 1278.9 | 1150.8 | 1003.5 | 861.8 | 733.7 | 609.9 | 571.9 | 552.8 | 496.0 |
| 77.5° | 1081.1 | 868.8 | 691.5 | 575.6 | 457.7 | 358.6 | 285.3 | 232.1 | 242.0 | 281.7 | 299.8 |
| 80° | 538.2 | 397.6 | 307.8 | 244.7 | 197.8 | 159.8 | 117.2 | 85.9 | 102.7 | 121.8 | 138.0 |
| 82.5° | 323.9 | 255.9 | 202.4 | 171.4 | 139.3 | 107.6 | 76.3 | 58.1 | 64.4 | 86.5 | 95.1 |
| 85° | 201.1 | 161.1 | 128.8 | 107.6 | 89.2 | 66.0 | 43.3 | 42.9 | 45.6 | 57.5 | 65.7 |
| 87.5° | 59.1 | 40.0 | 31.7 | 33.0 | 36.7 | 30.4 | 22.8 | 19.5 | 24.1 | 33.0 | 37.0 |
| 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-F02-LED-E1-T4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 653.2 | 653.2 | 653.2 | 653.2 | 653.2 | 653.2 | 653.2 | 653.2 | 653.2 | 653.2 | 653.2 |
| 2.5° | 661.7 | 664.1 | 665.0 | 665.4 | 665.7 | 667.7 | 667.7 | 669.7 | 670.3 | 670.3 | 671.0 |
| 5° | 674.3 | 676.6 | 677.6 | 677.9 | 678.6 | 679.6 | 679.2 | 680.6 | 681.2 | 680.9 | 680.9 |
| 7.5° | 678.9 | 679.6 | 679.6 | 680.6 | 681.6 | 680.6 | 679.9 | 680.6 | 680.2 | 680.6 | 680.6 |
| 10° | 677.3 | 676.6 | 676.6 | 675.9 | 676.9 | 674.9 | 674.9 | 675.6 | 675.3 | 675.9 | 676.9 |
| 12.5° | 673.3 | 673.0 | 672.0 | 671.6 | 673.0 | 671.6 | 672.0 | 673.0 | 673.6 | 674.9 | 676.6 |
| 15° | 667.7 | 666.7 | 666.7 | 668.0 | 671.3 | 672.3 | 673.6 | 675.3 | 675.6 | 676.3 | 676.9 |
| 17.5° | 658.1 | 659.8 | 663.7 | 668.3 | 674.6 | 676.9 | 677.6 | 676.6 | 673.3 | 670.7 | 668.0 |
| 20° | 644.9 | 652.2 | 662.4 | 672.3 | 679.9 | 679.6 | 675.3 | 669.0 | 661.1 | 655.5 | 651.8 |
| 22.5° | 633.7 | 647.9 | 663.7 | 675.6 | 680.6 | 674.3 | 664.4 | 654.8 | 645.6 | 637.3 | 630.0 |
| 25° | 641.6 | 655.1 | 668.7 | 675.9 | 675.6 | 664.7 | 651.5 | 640.9 | 628.4 | 616.8 | 604.6 |
| 27.5° | 667.4 | 675.6 | 679.6 | 677.3 | 670.3 | 655.8 | 641.3 | 626.4 | 610.2 | 596.4 | 582.2 |
| 30° | 684.9 | 684.9 | 680.9 | 671.6 | 659.4 | 643.2 | 625.4 | 606.3 | 587.1 | 570.9 | 554.8 |
| 32.5° | 679.2 | 666.4 | 654.8 | 642.3 | 628.4 | 610.9 | 590.4 | 569.6 | 547.8 | 529.0 | 515.1 |
| 35° | 654.8 | 627.1 | 603.0 | 585.1 | 570.6 | 549.8 | 526.0 | 502.2 | 484.4 | 471.5 | 463.6 |
| 37.5° | 611.2 | 567.0 | 532.0 | 510.2 | 487.7 | 466.3 | 438.8 | 428.0 | 412.1 | 404.2 | 401.2 |
| 40° | 558.4 | 493.7 | 449.7 | 421.7 | 397.9 | 371.2 | 352.7 | 345.7 | 339.8 | 338.1 | 336.8 |
| 42.5° | 497.6 | 416.7 | 364.6 | 335.5 | 306.8 | 287.3 | 279.0 | 274.7 | 273.7 | 273.7 | 275.4 |
| 45° | 434.6 | 338.5 | 278.4 | 254.9 | 231.1 | 220.9 | 218.9 | 216.9 | 217.3 | 216.3 | 216.9 |
| 47.5° | 385.7 | 271.8 | 210.0 | 188.5 | 176.3 | 173.0 | 170.7 | 170.1 | 170.1 | 168.4 | 166.4 |
| 50° | 360.3 | 227.2 | 164.8 | 147.9 | 141.0 | 138.7 | 138.7 | 137.4 | 134.7 | 133.1 | 128.8 |
| 52.5° | 353.7 | 204.1 | 142.7 | 128.1 | 122.2 | 120.2 | 118.2 | 116.2 | 112.3 | 108.6 | 103.7 |
| 55° | 358.9 | 196.8 | 135.7 | 122.2 | 115.6 | 113.3 | 111.6 | 108.3 | 102.7 | 97.4 | 91.8 |
| 57.5° | 381.1 | 201.4 | 138.4 | 123.8 | 117.9 | 116.2 | 114.6 | 109.6 | 102.7 | 95.1 | 88.8 |
| 60° | 441.5 | 223.2 | 149.6 | 132.7 | 127.8 | 128.1 | 125.8 | 119.5 | 109.6 | 98.7 | 89.5 |
| 62.5° | 519.4 | 253.6 | 164.1 | 145.3 | 144.6 | 147.9 | 147.9 | 137.0 | 120.9 | 104.3 | 91.8 |
| 65° | 564.0 | 263.2 | 166.1 | 146.9 | 152.6 | 162.1 | 161.5 | 146.9 | 124.8 | 104.3 | 90.8 |
| 67° | 552.8 | 252.9 | 157.8 | 137.4 | 144.0 | 154.9 | 153.5 | 139.7 | 118.9 | 100.1 | 88.2 |
| 67.5° | 543.9 | 249.6 | 155.9 | 135.1 | 141.7 | 150.6 | 150.6 | 136.7 | 116.2 | 98.7 | 87.2 |
| 70° | 478.8 | 220.6 | 146.0 | 126.1 | 126.1 | 128.5 | 126.8 | 116.9 | 103.0 | 90.8 | 83.2 |
| 72.5° | 399.2 | 192.8 | 138.0 | 119.9 | 113.6 | 112.3 | 110.0 | 103.0 | 94.1 | 85.5 | 78.9 |
| 75° | 309.4 | 170.7 | 131.8 | 113.3 | 105.0 | 102.0 | 99.7 | 94.4 | 87.5 | 80.2 | 74.6 |
| 77.5° | 216.6 | 146.3 | 123.5 | 107.6 | 98.7 | 96.4 | 92.8 | 86.8 | 81.2 | 75.0 | 69.7 |
| 80° | 134.4 | 120.9 | 107.6 | 97.1 | 87.8 | 84.5 | 79.9 | 74.6 | 70.0 | 66.4 | 62.4 |
| 82.5° | 95.8 | 88.8 | 80.2 | 74.6 | 65.1 | 55.1 | 59.1 | 59.4 | 56.5 | 54.2 | 53.2 |
| 85° | 64.1 | 57.8 | 53.5 | 48.5 | 42.9 | 38.6 | 39.6 | 42.6 | 42.9 | 41.9 | 41.9 |
| 87.5° | 35.0 | 29.7 | 28.7 | 29.7 | 25.8 | 24.4 | 24.8 | 27.4 | 27.7 | 27.7 | 28.1 |
| 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-F02-LED-E1-T4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° |
|-------|-------|-------|-------|-------|
| 0° | 653.2 | 653.2 | 653.2 | 653.2 |
| 2.5° | 671.3 | 672.3 | 672.0 | 672.6 |
| 5° | 681.6 | 682.2 | 681.9 | 682.2 |
| 7.5° | 679.9 | 681.2 | 681.9 | 680.9 |
| 10° | 677.3 | 679.2 | 680.6 | 680.6 |
| 12.5° | 677.9 | 681.2 | 683.2 | 683.2 |
| 15° | 677.3 | 679.9 | 680.6 | 680.6 |
| 17.5° | 667.0 | 667.0 | 667.4 | 666.0 |
| 20° | 649.2 | 647.2 | 646.6 | 644.2 |
| 22.5° | 623.8 | 619.1 | 616.2 | 614.5 |
| 25° | 594.7 | 587.4 | 582.8 | 580.2 |
| 27.5° | 570.6 | 564.3 | 559.7 | 557.1 |
| 30° | 543.9 | 536.6 | 533.9 | 532.0 |
| 32.5° | 505.2 | 498.3 | 496.3 | 494.7 |
| 35° | 455.0 | 452.7 | 447.4 | 443.8 |
| 37.5° | 396.9 | 393.9 | 392.0 | 390.6 |
| 40° | 336.2 | 336.5 | 334.8 | 331.9 |
| 42.5° | 275.4 | 278.7 | 275.4 | 274.7 |
| 45° | 216.3 | 219.9 | 219.9 | 220.9 |
| 47.5° | 166.8 | 166.1 | 167.4 | 167.7 |
| 50° | 126.1 | 124.2 | 123.5 | 122.5 |
| 52.5° | 100.1 | 97.7 | 96.4 | 94.8 |
| 55° | 88.2 | 85.5 | 84.2 | 83.9 |
| 57.5° | 84.2 | 80.9 | 78.9 | 78.6 |
| 60° | 83.2 | 78.6 | 75.9 | 75.3 |
| 62.5° | 83.2 | 77.6 | 74.6 | 73.6 |
| 65° | 82.2 | 76.6 | 74.0 | 73.0 |
| 67° | 80.9 | 75.9 | 73.3 | 72.6 |
| 67.5° | 80.2 | 75.6 | 73.3 | 72.3 |
| 70° | 78.6 | 74.6 | 72.0 | 71.0 |
| 72.5° | 75.0 | 71.7 | 69.0 | 68.4 |
| 75° | 71.0 | 68.0 | 66.4 | 65.7 |
| 77.5° | 66.4 | 63.7 | 61.7 | 60.1 |
| 80° | 59.4 | 56.5 | 53.5 | 52.8 |
| 82.5° | 50.5 | 47.2 | 44.9 | 44.6 |
| 85° | 40.6 | 38.0 | 35.3 | 35.3 |
| 87.5° | 28.4 | 26.7 | 25.1 | 23.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)