

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: P145278

Luminaire Tested: **CNC-E03-LED-E1-GL3-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P145278
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33702)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: CNC-E03-LED-E1-GL3-8030
Description: CONCISE LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ GLARE CONTROL
Light Source: (63) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7516.7 lumens
Efficiency: N/A
Efficacy: 100.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B1 - U0 - G2

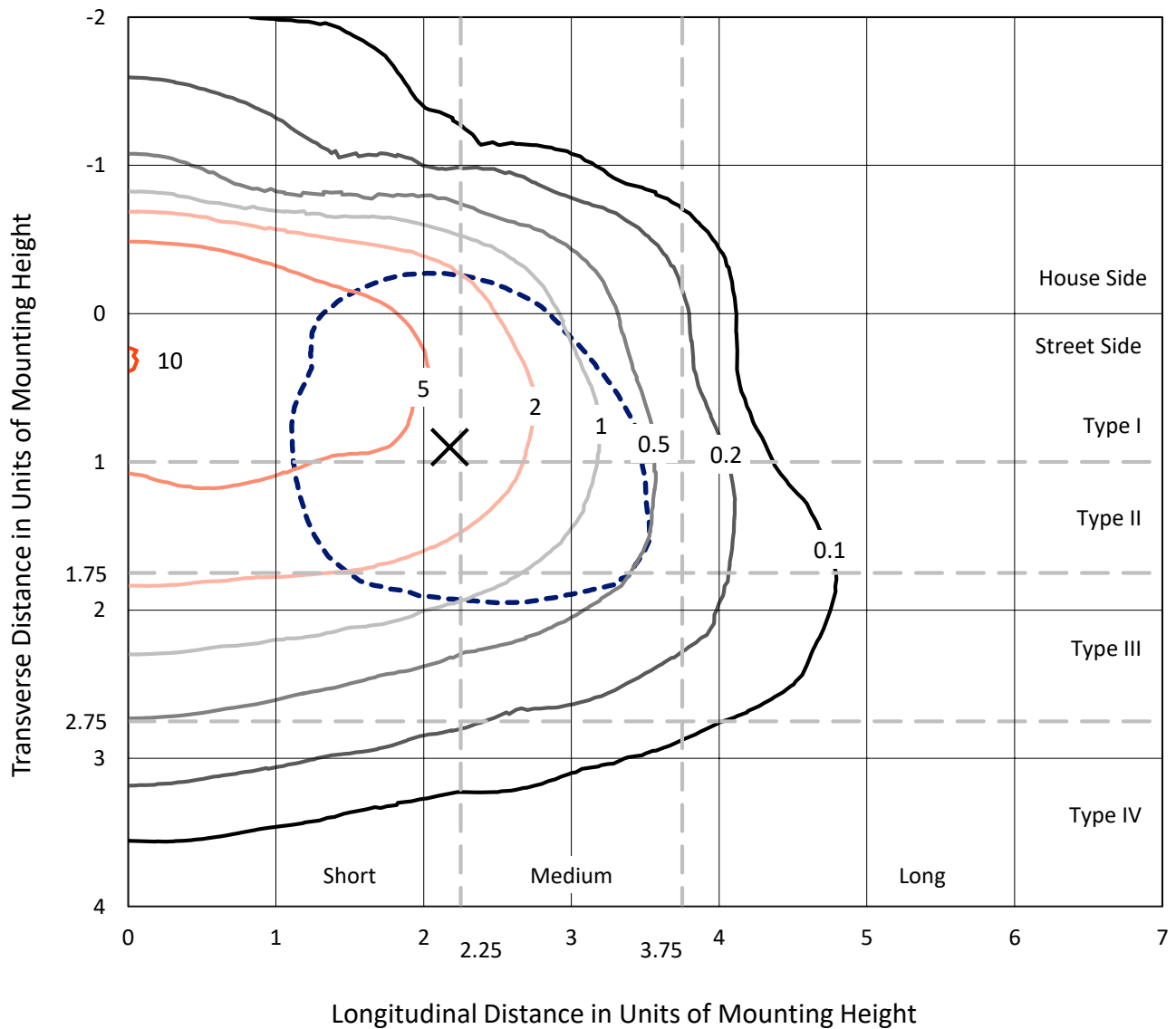
Input Watts (W): 75.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

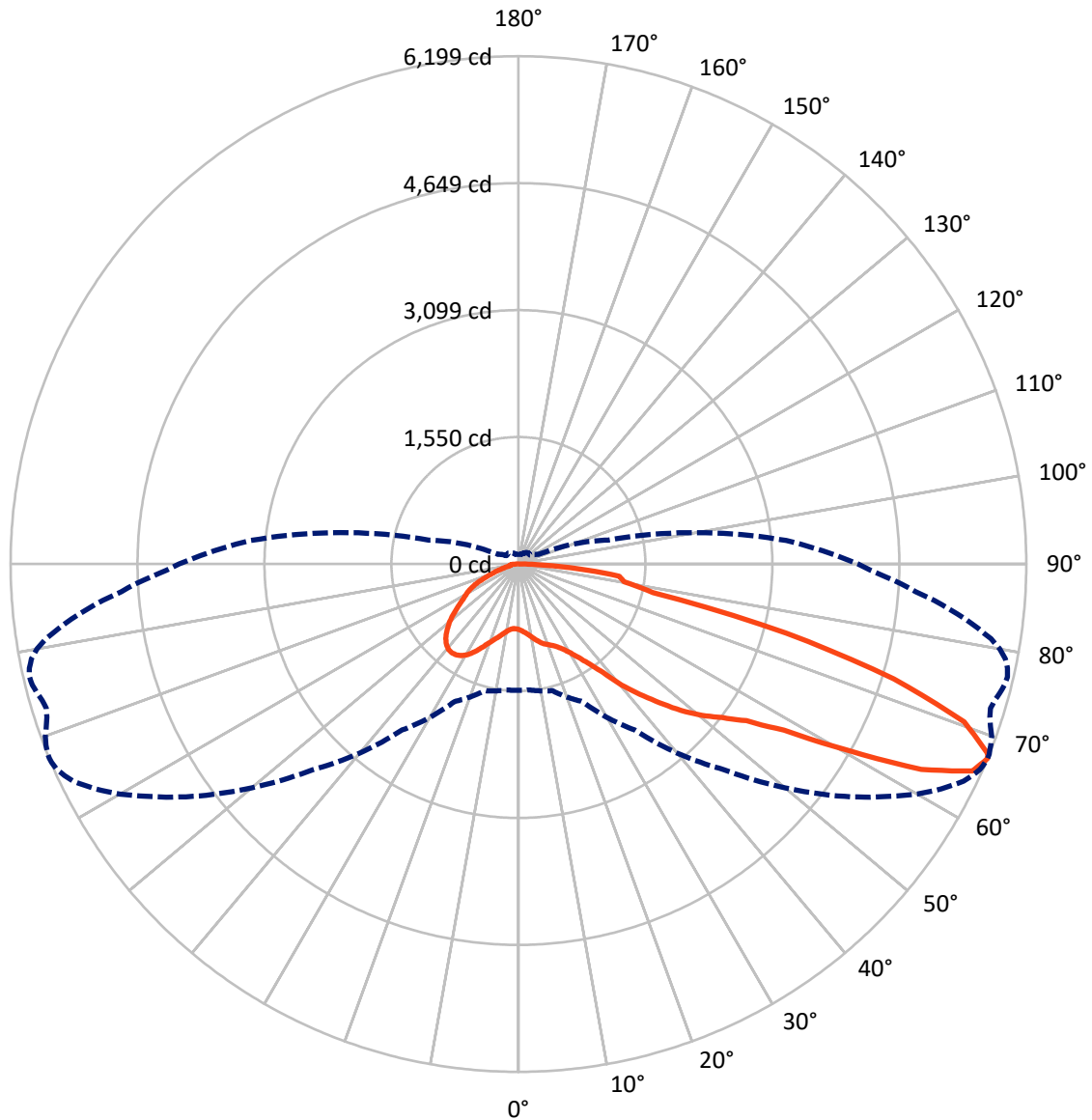
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 10.2 fc
 Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 67.5-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

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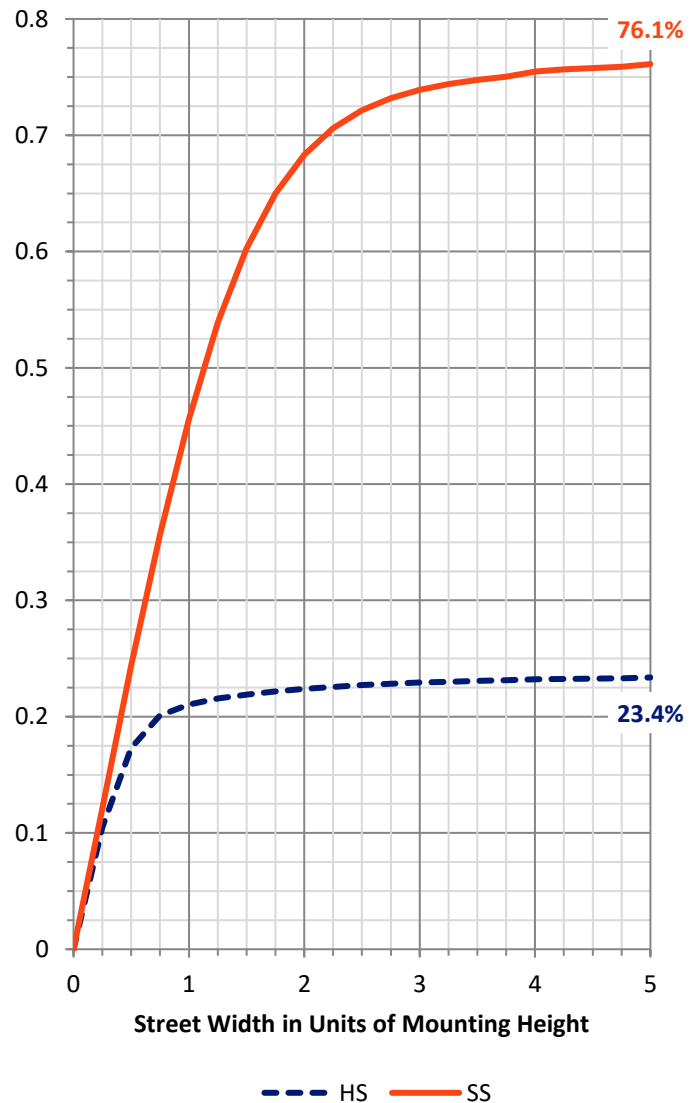
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1779.9 | 0.0 | 1779.9 |
| | % Fixture | 23.7 | 0.0 | 23.7 |
| Street Side | Lumens | 5736.7 | 0.0 | 5736.7 |
| | % Fixture | 76.3 | 0.0 | 76.3 |
| Total | Lumens | 7516.7 | 0.0 | 7516.7 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 79.8 | 1.1 |
| 10°-20° | 273.3 | 3.6 |
| 20°-30° | 486.5 | 6.5 |
| 30°-40° | 708.7 | 9.4 |
| 40°-50° | 1091.9 | 14.5 |
| 50°-60° | 1599.1 | 21.3 |
| 60°-70° | 2123.5 | 28.3 |
| 70°-80° | 1000.9 | 13.3 |
| 80°-90° | 153.0 | 2.0 |
| 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° | 7516.7 | 100.0 |
| 0°-180° | 7516.7 | 100.0 |



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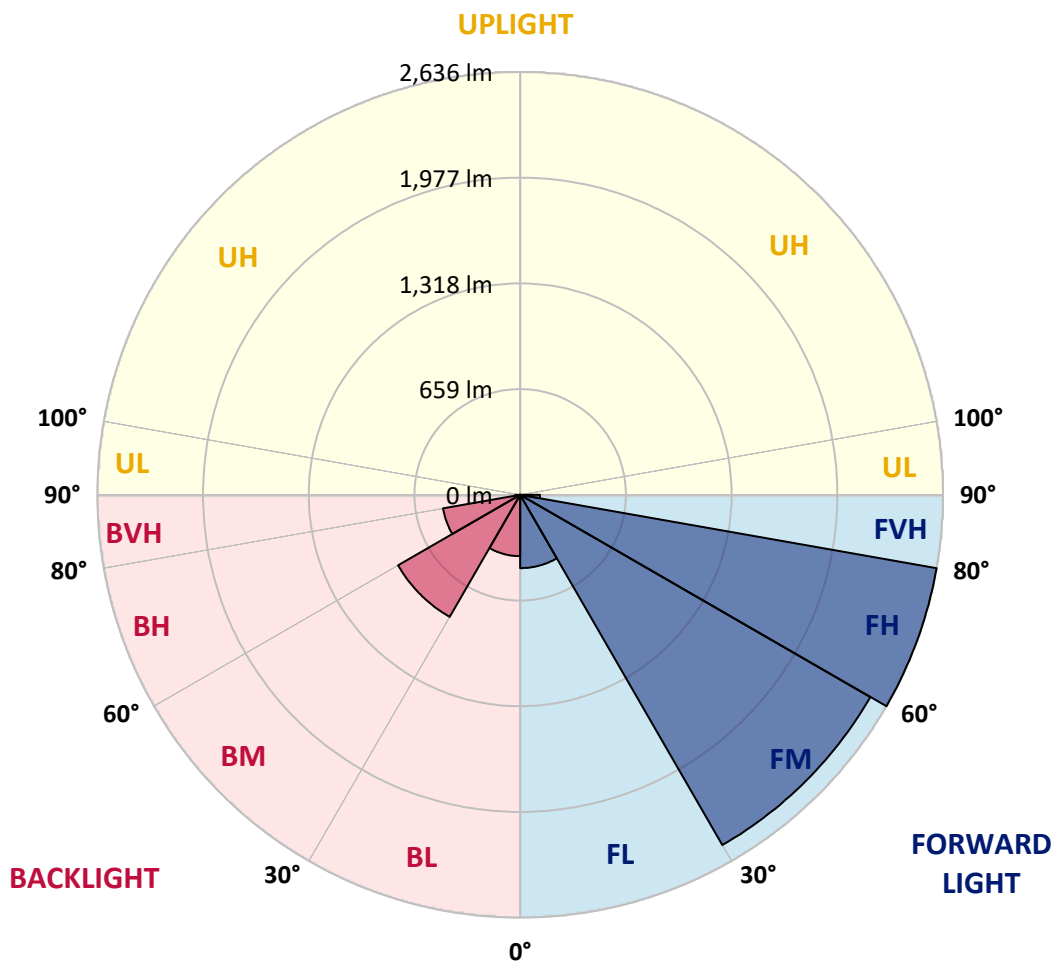
CATALOG NUMBER: CNC-E03-LED-E1-GL3-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 457.0 | 6.1 | | | |
| FM | (30°-60°) | 2520.7 | 33.5 | | | |
| FH | (60°-80°) | 2635.8 | 35.1 | | | G2/5000 |
| FVH | (80°-90°) | 123.3 | 1.6 | | | G2/225 |
| BL | (0°-30°) | 382.6 | 5.1 | B1/500 | | |
| BM | (30°-60°) | 878.9 | 11.7 | B1/1000 | | |
| BH | (60°-80°) | 488.6 | 6.5 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 29.7 | 0.4 | | | 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 III Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 60° | 61° | 62° | 64° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 |
| 2.5° | 839.6 | 836.1 | 836.6 | 838.1 | 833.0 | 830.5 | 824.9 | 821.4 | 820.9 | 820.4 | 818.3 |
| 5° | 888.7 | 885.2 | 886.7 | 882.6 | 873.0 | 866.4 | 854.8 | 848.7 | 847.7 | 846.7 | 844.2 |
| 7.5° | 939.9 | 935.3 | 930.2 | 925.7 | 915.1 | 904.4 | 889.2 | 880.1 | 879.1 | 877.6 | 876.1 |
| 10° | 1000.6 | 994.1 | 990.0 | 975.8 | 957.6 | 942.9 | 927.7 | 918.1 | 917.6 | 916.1 | 913.0 |
| 12.5° | 1069.0 | 1061.9 | 1054.3 | 1035.6 | 1007.2 | 985.4 | 967.7 | 962.1 | 957.6 | 958.1 | 955.1 |
| 15° | 1136.9 | 1129.3 | 1119.1 | 1095.3 | 1057.9 | 1025.4 | 1002.7 | 994.6 | 995.1 | 992.5 | 994.1 |
| 17.5° | 1194.1 | 1187.5 | 1172.8 | 1142.4 | 1098.9 | 1054.3 | 1025.4 | 1021.9 | 1022.9 | 1022.4 | 1023.9 |
| 20° | 1231.6 | 1227.5 | 1205.2 | 1168.8 | 1119.6 | 1070.5 | 1041.1 | 1041.1 | 1041.7 | 1043.7 | 1047.2 |
| 22.5° | 1254.3 | 1248.3 | 1218.9 | 1167.7 | 1119.1 | 1078.1 | 1055.3 | 1060.4 | 1063.4 | 1064.9 | 1070.5 |
| 25° | 1267.0 | 1259.4 | 1219.4 | 1151.5 | 1101.9 | 1083.7 | 1076.6 | 1089.3 | 1094.3 | 1096.9 | 1106.0 |
| 27.5° | 1267.0 | 1257.9 | 1212.8 | 1131.3 | 1082.2 | 1100.4 | 1117.1 | 1138.9 | 1142.4 | 1150.0 | 1160.7 |
| 30° | 1252.8 | 1245.7 | 1202.7 | 1116.1 | 1077.1 | 1131.8 | 1182.4 | 1207.2 | 1215.9 | 1224.5 | 1238.1 |
| 32.5° | 1237.6 | 1231.6 | 1197.6 | 1124.2 | 1105.5 | 1197.6 | 1282.2 | 1316.1 | 1321.2 | 1328.3 | 1342.5 |
| 35° | 1236.6 | 1234.6 | 1219.9 | 1175.8 | 1191.0 | 1318.1 | 1432.6 | 1455.9 | 1470.1 | 1473.6 | 1479.7 |
| 37.5° | 1247.2 | 1251.3 | 1264.0 | 1259.4 | 1314.1 | 1497.4 | 1629.6 | 1676.2 | 1687.3 | 1681.2 | 1686.8 |
| 40° | 1272.1 | 1282.2 | 1329.3 | 1387.5 | 1502.0 | 1714.1 | 1898.0 | 1951.6 | 1963.8 | 1960.3 | 1958.7 |
| 42.5° | 1350.6 | 1364.2 | 1433.6 | 1558.2 | 1697.4 | 1938.5 | 2147.1 | 2204.8 | 2208.9 | 2210.9 | 2197.8 |
| 45° | 1473.6 | 1481.2 | 1573.4 | 1732.4 | 1909.1 | 2180.0 | 2395.8 | 2460.1 | 2457.5 | 2447.4 | 2437.8 |
| 47.5° | 1613.4 | 1629.1 | 1739.5 | 1931.9 | 2127.9 | 2403.3 | 2647.4 | 2710.2 | 2715.8 | 2706.7 | 2689.0 |
| 50° | 1740.5 | 1752.6 | 1877.2 | 2105.6 | 2320.8 | 2589.2 | 2859.6 | 2922.9 | 2921.9 | 2927.0 | 2932.0 |
| 52.5° | 1840.7 | 1851.9 | 1970.4 | 2221.6 | 2462.6 | 2745.2 | 3019.6 | 3097.6 | 3109.8 | 3117.9 | 3128.0 |
| 55° | 1892.4 | 1904.0 | 2013.4 | 2269.7 | 2548.7 | 2897.6 | 3204.5 | 3316.4 | 3337.1 | 3355.4 | 3372.1 |
| 57.5° | 1893.4 | 1908.6 | 2008.9 | 2266.1 | 2593.2 | 3033.8 | 3449.1 | 3650.1 | 3679.5 | 3726.1 | 3783.3 |
| 60° | 1862.5 | 1883.8 | 1973.9 | 2233.2 | 2644.4 | 3206.5 | 3852.1 | 4237.0 | 4294.7 | 4376.3 | 4449.7 |
| 62.5° | 1782.0 | 1803.3 | 1883.8 | 2149.6 | 2704.1 | 3427.8 | 4434.5 | 4998.6 | 5121.7 | 5211.8 | 5357.1 |
| 65° | 1654.9 | 1675.2 | 1743.0 | 2011.4 | 2656.5 | 3602.5 | 4868.5 | 5545.0 | 5670.6 | 5783.5 | 5954.2 |
| 67° | 1541.5 | 1543.5 | 1600.7 | 1852.9 | 2471.2 | 3548.3 | 4955.6 | 5617.9 | 5733.9 | 5848.4 | 6046.4 |
| 67.5° | 1501.5 | 1512.6 | 1557.2 | 1800.2 | 2400.8 | 3508.3 | 4921.1 | 5578.4 | 5690.9 | 5812.9 | 6015.0 |
| 70° | 1213.8 | 1216.9 | 1259.9 | 1436.1 | 1905.1 | 2908.7 | 4420.3 | 5074.6 | 5151.6 | 5330.3 | 5528.8 |
| 72.5° | 740.3 | 735.3 | 749.0 | 879.6 | 1253.8 | 2014.4 | 3539.2 | 4177.8 | 4283.1 | 4435.5 | 4569.7 |
| 75° | 407.6 | 432.0 | 448.7 | 539.3 | 704.4 | 1184.5 | 2409.9 | 3022.7 | 3177.1 | 3267.8 | 3294.6 |
| 77.5° | 249.1 | 247.1 | 254.7 | 347.9 | 577.8 | 810.2 | 1331.3 | 1773.4 | 1859.5 | 1885.3 | 1785.5 |
| 80° | 118.5 | 123.1 | 121.5 | 143.3 | 280.0 | 683.6 | 930.8 | 1138.9 | 1182.4 | 1207.2 | 1239.7 |
| 82.5° | 64.8 | 67.4 | 76.5 | 85.6 | 110.4 | 294.2 | 803.1 | 1050.3 | 1079.6 | 1122.2 | 1169.8 |
| 85° | 40.5 | 42.5 | 58.7 | 61.8 | 67.9 | 90.6 | 334.7 | 613.8 | 638.6 | 723.1 | 750.0 |
| 87.5° | 16.7 | 18.2 | 31.9 | 28.9 | 34.4 | 31.9 | 101.3 | 156.0 | 165.6 | 176.2 | 195.5 |
| 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-E03-LED-E1-GL3-8030

CANDELA DISTRIBUTION (continued):

| | 65° | 66° | 67° | 67.5° | 68° | 69° | 70° | 71° | 72° | 73° | 74° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 |
| 2.5° | 818.8 | 818.3 | 816.3 | 815.8 | 816.8 | 816.8 | 815.8 | 814.3 | 813.8 | 813.3 | 812.3 |
| 5° | 843.1 | 842.1 | 840.6 | 839.6 | 839.1 | 839.1 | 837.6 | 836.1 | 834.5 | 832.5 | 832.0 |
| 7.5° | 872.0 | 872.0 | 871.5 | 870.0 | 868.5 | 866.4 | 864.9 | 863.4 | 861.9 | 860.9 | 859.4 |
| 10° | 910.0 | 912.0 | 908.5 | 907.5 | 907.0 | 903.9 | 903.4 | 901.9 | 900.9 | 898.3 | 898.3 |
| 12.5° | 955.1 | 953.0 | 952.5 | 950.5 | 950.5 | 949.0 | 948.5 | 948.0 | 947.0 | 944.9 | 944.4 |
| 15° | 992.5 | 992.5 | 992.0 | 991.0 | 992.0 | 991.0 | 989.5 | 990.5 | 989.0 | 989.5 | 988.0 |
| 17.5° | 1022.9 | 1024.9 | 1024.4 | 1024.9 | 1024.4 | 1024.4 | 1025.4 | 1025.4 | 1026.5 | 1024.4 | 1024.9 |
| 20° | 1048.2 | 1051.3 | 1052.8 | 1051.8 | 1052.8 | 1053.3 | 1055.8 | 1056.8 | 1058.4 | 1059.4 | 1059.4 |
| 22.5° | 1074.6 | 1078.6 | 1081.7 | 1081.7 | 1083.7 | 1085.7 | 1090.3 | 1091.3 | 1094.8 | 1094.3 | 1096.9 |
| 25° | 1111.5 | 1118.1 | 1120.1 | 1123.2 | 1125.7 | 1129.3 | 1134.8 | 1137.4 | 1138.9 | 1142.4 | 1146.5 |
| 27.5° | 1168.3 | 1176.4 | 1177.9 | 1181.4 | 1188.0 | 1190.0 | 1196.1 | 1198.6 | 1204.2 | 1211.8 | 1213.3 |
| 30° | 1245.7 | 1255.9 | 1256.4 | 1260.4 | 1268.0 | 1270.5 | 1275.6 | 1282.2 | 1286.7 | 1294.3 | 1294.9 |
| 32.5° | 1351.1 | 1361.2 | 1359.7 | 1367.3 | 1366.8 | 1374.4 | 1372.8 | 1383.0 | 1387.0 | 1391.1 | 1402.2 |
| 35° | 1491.3 | 1490.3 | 1497.9 | 1500.4 | 1498.9 | 1505.0 | 1504.0 | 1508.5 | 1512.6 | 1512.6 | 1524.8 |
| 37.5° | 1693.4 | 1691.9 | 1690.9 | 1680.2 | 1677.7 | 1678.2 | 1676.2 | 1680.2 | 1673.6 | 1673.6 | 1686.8 |
| 40° | 1964.3 | 1955.2 | 1948.1 | 1941.0 | 1933.9 | 1924.3 | 1916.2 | 1914.2 | 1903.0 | 1902.5 | 1897.5 |
| 42.5° | 2199.8 | 2191.2 | 2186.1 | 2172.4 | 2165.3 | 2163.8 | 2144.1 | 2138.5 | 2135.5 | 2137.5 | 2132.4 |
| 45° | 2446.9 | 2437.8 | 2418.5 | 2412.5 | 2410.4 | 2399.8 | 2396.8 | 2383.1 | 2379.0 | 2386.1 | 2383.6 |
| 47.5° | 2701.6 | 2688.4 | 2677.8 | 2670.7 | 2668.2 | 2659.1 | 2645.9 | 2657.1 | 2651.5 | 2647.4 | 2639.8 |
| 50° | 2930.5 | 2915.8 | 2915.8 | 2903.2 | 2905.2 | 2899.1 | 2885.4 | 2888.5 | 2872.8 | 2878.9 | 2874.8 |
| 52.5° | 3122.4 | 3123.4 | 3128.5 | 3114.3 | 3116.9 | 3116.9 | 3112.3 | 3097.6 | 3101.7 | 3099.6 | 3109.3 |
| 55° | 3366.5 | 3383.2 | 3374.1 | 3376.6 | 3379.7 | 3393.9 | 3404.0 | 3395.4 | 3381.2 | 3392.3 | 3423.2 |
| 57.5° | 3793.4 | 3808.6 | 3817.7 | 3824.8 | 3836.4 | 3843.0 | 3897.7 | 3905.3 | 3889.1 | 3922.5 | 3991.4 |
| 60° | 4535.8 | 4554.0 | 4581.4 | 4617.3 | 4624.9 | 4671.0 | 4699.3 | 4732.8 | 4744.9 | 4773.8 | 4847.7 |
| 62.5° | 5428.5 | 5469.6 | 5474.6 | 5520.2 | 5555.7 | 5512.6 | 5523.8 | 5564.8 | 5518.2 | 5582.0 | 5585.0 |
| 65° | 6012.9 | 6072.7 | 6074.7 | 6091.4 | 6104.6 | 6064.1 | 6045.8 | 6027.6 | 5983.6 | 5981.0 | 6025.1 |
| 67° | 6113.2 | 6167.9 | 6190.7 | 6198.8 | 6196.8 | 6176.0 | 6146.1 | 6093.4 | 6050.9 | 6026.6 | 6044.8 |
| 67.5° | 6084.8 | 6138.5 | 6170.4 | 6178.0 | 6178.5 | 6158.3 | 6130.9 | 6073.7 | 6033.7 | 6006.3 | 6025.6 |
| 70° | 5619.0 | 5744.5 | 5799.2 | 5770.9 | 5787.1 | 5787.1 | 5786.1 | 5733.4 | 5713.6 | 5687.3 | 5677.2 |
| 72.5° | 4672.0 | 4759.1 | 4828.5 | 4791.5 | 4796.1 | 4830.5 | 4822.4 | 4828.0 | 4771.2 | 4765.2 | 4671.5 |
| 75° | 3346.8 | 3374.6 | 3351.3 | 3377.7 | 3235.9 | 3185.2 | 3099.1 | 2973.5 | 2940.6 | 2888.5 | 2732.5 |
| 77.5° | 1778.0 | 1746.6 | 1684.3 | 1679.2 | 1621.0 | 1575.9 | 1520.2 | 1483.7 | 1391.6 | 1340.4 | 1223.4 |
| 80° | 1255.9 | 1271.1 | 1294.9 | 1309.0 | 1322.2 | 1332.3 | 1311.6 | 1253.3 | 1176.4 | 1090.3 | 1008.7 |
| 82.5° | 1199.6 | 1220.4 | 1234.6 | 1241.7 | 1236.6 | 1220.4 | 1172.8 | 1117.1 | 1014.3 | 939.9 | 851.8 |
| 85° | 756.6 | 773.3 | 744.4 | 738.3 | 751.0 | 648.7 | 592.5 | 546.9 | 443.1 | 412.2 | 364.1 |
| 87.5° | 203.1 | 214.2 | 214.7 | 208.1 | 204.1 | 179.8 | 159.0 | 140.8 | 116.5 | 109.4 | 88.6 |
| 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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CANDELA DISTRIBUTION (continued):

| | 75° | 76° | 77° | 78° | 79° | 80° | 81° | 82° | 83° | 84° | 85° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 |
| 2.5° | 812.3 | 811.8 | 811.8 | 810.2 | 809.2 | 808.7 | 808.2 | 806.7 | 805.7 | 805.7 | 805.2 |
| 5° | 831.5 | 830.5 | 829.0 | 828.5 | 826.4 | 825.4 | 823.4 | 822.4 | 820.9 | 819.9 | 819.3 |
| 7.5° | 858.8 | 856.3 | 853.3 | 853.8 | 850.7 | 849.2 | 848.2 | 846.2 | 844.7 | 843.1 | 842.6 |
| 10° | 895.3 | 894.8 | 891.8 | 892.8 | 887.2 | 889.7 | 884.7 | 885.2 | 882.1 | 879.1 | 878.6 |
| 12.5° | 941.9 | 941.4 | 938.3 | 934.8 | 933.8 | 934.3 | 931.3 | 931.8 | 928.2 | 927.2 | 926.2 |
| 15° | 986.5 | 985.4 | 983.9 | 981.4 | 979.9 | 979.4 | 978.4 | 977.3 | 974.3 | 974.3 | 970.8 |
| 17.5° | 1024.9 | 1025.4 | 1023.4 | 1021.4 | 1020.4 | 1018.9 | 1018.4 | 1018.4 | 1015.8 | 1013.3 | 1013.8 |
| 20° | 1058.9 | 1059.9 | 1059.9 | 1058.4 | 1058.9 | 1057.9 | 1057.4 | 1058.4 | 1055.8 | 1054.8 | 1053.3 |
| 22.5° | 1096.9 | 1096.9 | 1097.4 | 1098.4 | 1099.9 | 1100.4 | 1100.4 | 1099.4 | 1097.9 | 1097.4 | 1094.3 |
| 25° | 1149.5 | 1147.5 | 1150.0 | 1151.0 | 1151.0 | 1153.6 | 1152.6 | 1153.1 | 1153.6 | 1152.0 | 1150.5 |
| 27.5° | 1215.9 | 1213.8 | 1218.9 | 1222.4 | 1221.9 | 1223.4 | 1226.5 | 1222.9 | 1225.0 | 1226.5 | 1222.9 |
| 30° | 1297.4 | 1302.4 | 1306.0 | 1308.5 | 1307.5 | 1312.1 | 1313.6 | 1313.1 | 1311.6 | 1314.1 | 1314.1 |
| 32.5° | 1401.2 | 1398.7 | 1407.8 | 1413.3 | 1413.9 | 1412.8 | 1415.4 | 1418.4 | 1415.9 | 1419.9 | 1417.9 |
| 35° | 1524.8 | 1526.3 | 1528.3 | 1534.4 | 1536.9 | 1532.9 | 1536.9 | 1540.5 | 1539.4 | 1539.9 | 1542.0 |
| 37.5° | 1684.3 | 1686.8 | 1684.8 | 1685.3 | 1684.3 | 1703.5 | 1706.5 | 1709.6 | 1706.0 | 1703.0 | 1712.1 |
| 40° | 1905.6 | 1905.6 | 1905.1 | 1911.6 | 1900.5 | 1912.7 | 1909.1 | 1917.7 | 1926.8 | 1921.8 | 1935.4 |
| 42.5° | 2123.3 | 2135.5 | 2136.5 | 2126.9 | 2135.0 | 2148.1 | 2148.1 | 2153.7 | 2161.8 | 2153.7 | 2166.9 |
| 45° | 2373.0 | 2388.2 | 2385.6 | 2401.8 | 2389.7 | 2404.9 | 2407.4 | 2400.3 | 2418.0 | 2420.1 | 2415.0 |
| 47.5° | 2645.4 | 2648.4 | 2648.9 | 2654.5 | 2657.1 | 2669.2 | 2668.7 | 2681.9 | 2677.8 | 2657.6 | 2664.6 |
| 50° | 2878.9 | 2886.4 | 2890.5 | 2894.0 | 2906.7 | 2915.3 | 2927.0 | 2929.0 | 2925.9 | 2919.9 | 2914.3 |
| 52.5° | 3112.3 | 3130.5 | 3142.2 | 3173.6 | 3193.3 | 3209.0 | 3228.3 | 3235.4 | 3231.8 | 3230.3 | 3208.0 |
| 55° | 3424.7 | 3468.3 | 3535.6 | 3579.2 | 3626.8 | 3654.6 | 3676.9 | 3688.1 | 3680.0 | 3684.0 | 3637.9 |
| 57.5° | 4013.2 | 4115.5 | 4174.2 | 4248.7 | 4332.7 | 4367.7 | 4377.3 | 4416.8 | 4373.2 | 4329.7 | 4294.7 |
| 60° | 4887.7 | 4981.9 | 5088.8 | 5165.2 | 5193.6 | 5290.3 | 5244.7 | 5193.6 | 5147.0 | 5056.9 | 4955.1 |
| 62.5° | 5677.2 | 5798.7 | 5853.4 | 5924.8 | 5905.6 | 5897.5 | 5867.1 | 5785.6 | 5685.8 | 5551.6 | 5415.9 |
| 65° | 6066.6 | 6135.0 | 6168.9 | 6192.2 | 6170.4 | 6114.2 | 6013.9 | 5893.4 | 5750.6 | 5576.9 | 5398.7 |
| 67° | 6082.3 | 6113.7 | 6124.8 | 6102.6 | 6053.9 | 5966.3 | 5839.7 | 5669.1 | 5493.4 | 5294.4 | 5093.8 |
| 67.5° | 6056.5 | 6077.2 | 6082.8 | 6047.9 | 5990.1 | 5895.4 | 5760.2 | 5577.9 | 5391.1 | 5184.5 | 4982.9 |
| 70° | 5704.0 | 5688.8 | 5639.7 | 5591.6 | 5411.3 | 5284.2 | 5048.8 | 4854.3 | 4595.0 | 4405.1 | 4189.9 |
| 72.5° | 4634.0 | 4564.6 | 4517.0 | 4304.4 | 4086.6 | 3960.5 | 3707.3 | 3474.9 | 3238.4 | 3057.6 | 2925.4 |
| 75° | 2601.3 | 2550.7 | 2418.5 | 2306.1 | 2126.4 | 1961.8 | 1843.8 | 1695.9 | 1554.1 | 1470.1 | 1408.3 |
| 77.5° | 1175.3 | 1030.5 | 930.8 | 804.7 | 650.2 | 522.6 | 387.9 | 358.5 | 305.9 | 292.7 | 263.8 |
| 80° | 917.1 | 813.3 | 682.6 | 538.3 | 379.8 | 255.2 | 187.4 | 159.0 | 149.4 | 143.3 | 140.3 |
| 82.5° | 765.2 | 630.5 | 530.7 | 376.8 | 241.0 | 162.0 | 122.0 | 110.4 | 103.3 | 98.2 | 93.7 |
| 85° | 327.1 | 258.8 | 213.2 | 152.4 | 108.4 | 85.6 | 74.9 | 68.4 | 61.8 | 56.2 | 52.7 |
| 87.5° | 76.5 | 58.7 | 53.7 | 45.6 | 43.0 | 42.5 | 42.0 | 40.0 | 37.5 | 34.4 | 30.9 |
| 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-E03-LED-E1-GL3-8030

CANDELA DISTRIBUTION (continued):

| | 86° | 87° | 88° | 89° | 90° | 95° | 105° | 115° | 125° | 135° | 145° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 0° | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 | 799.6 |
| 2.5° | 804.7 | 804.2 | 803.1 | 801.6 | 801.6 | 799.6 | 793.0 | 788.5 | 783.4 | 780.4 | 777.3 |
| 5° | 818.3 | 817.8 | 815.3 | 813.8 | 812.8 | 808.7 | 797.6 | 789.0 | 779.8 | 773.3 | 768.2 |
| 7.5° | 841.1 | 839.6 | 837.6 | 836.6 | 833.5 | 828.5 | 812.3 | 800.1 | 786.9 | 776.3 | 767.7 |
| 10° | 878.1 | 875.6 | 872.5 | 869.5 | 870.5 | 862.4 | 843.7 | 825.9 | 806.7 | 790.0 | 778.3 |
| 12.5° | 923.2 | 923.2 | 921.6 | 919.6 | 916.1 | 907.0 | 881.6 | 860.9 | 837.6 | 816.8 | 808.2 |
| 15° | 970.8 | 968.2 | 965.7 | 962.7 | 962.1 | 950.0 | 927.2 | 903.4 | 879.1 | 861.4 | 851.2 |
| 17.5° | 1009.8 | 1010.8 | 1007.2 | 1006.2 | 1005.2 | 993.0 | 968.7 | 947.5 | 929.7 | 911.0 | 894.8 |
| 20° | 1051.3 | 1049.2 | 1048.2 | 1046.7 | 1046.2 | 1036.1 | 1016.8 | 1003.7 | 988.0 | 959.6 | 917.1 |
| 22.5° | 1095.8 | 1093.3 | 1094.3 | 1091.3 | 1090.8 | 1083.7 | 1069.5 | 1065.5 | 1042.2 | 982.4 | 908.5 |
| 25° | 1153.6 | 1149.0 | 1150.5 | 1150.5 | 1151.0 | 1144.5 | 1142.9 | 1135.8 | 1077.1 | 976.8 | 874.0 |
| 27.5° | 1222.4 | 1224.5 | 1224.5 | 1224.0 | 1220.4 | 1222.4 | 1229.5 | 1205.2 | 1089.3 | 947.5 | 822.4 |
| 30° | 1312.1 | 1313.1 | 1314.1 | 1317.6 | 1310.0 | 1323.2 | 1331.8 | 1254.3 | 1080.1 | 907.0 | 757.6 |
| 32.5° | 1420.9 | 1416.9 | 1418.9 | 1420.9 | 1423.5 | 1437.1 | 1432.1 | 1279.2 | 1053.3 | 851.8 | 677.0 |
| 35° | 1541.0 | 1548.6 | 1550.6 | 1555.1 | 1560.2 | 1581.0 | 1522.7 | 1284.2 | 1012.3 | 777.8 | 574.3 |
| 37.5° | 1719.7 | 1731.9 | 1731.9 | 1748.1 | 1738.5 | 1763.8 | 1603.8 | 1272.1 | 950.0 | 675.0 | 458.3 |
| 40° | 1945.1 | 1950.6 | 1956.2 | 1958.2 | 1953.2 | 1950.1 | 1656.9 | 1242.2 | 862.4 | 545.9 | 335.2 |
| 42.5° | 2175.0 | 2172.9 | 2173.4 | 2177.0 | 2163.3 | 2106.1 | 1689.8 | 1190.0 | 753.5 | 407.6 | 240.5 |
| 45° | 2422.6 | 2414.0 | 2411.5 | 2404.4 | 2392.2 | 2271.7 | 1708.6 | 1116.6 | 610.2 | 286.6 | 188.9 |
| 47.5° | 2663.6 | 2653.0 | 2636.8 | 2617.0 | 2593.8 | 2404.9 | 1706.5 | 1021.4 | 467.9 | 205.1 | 166.6 |
| 50° | 2910.8 | 2892.0 | 2857.1 | 2837.8 | 2798.3 | 2537.0 | 1694.9 | 915.6 | 336.8 | 169.6 | 156.0 |
| 52.5° | 3193.3 | 3159.9 | 3127.5 | 3089.0 | 3023.7 | 2699.6 | 1677.2 | 796.6 | 245.6 | 155.5 | 148.9 |
| 55° | 3614.6 | 3560.0 | 3506.8 | 3426.8 | 3363.5 | 2917.3 | 1647.3 | 668.4 | 193.9 | 149.9 | 144.8 |
| 57.5° | 4195.5 | 4102.3 | 4035.0 | 3927.1 | 3825.8 | 3218.6 | 1615.4 | 552.0 | 173.2 | 148.4 | 142.8 |
| 60° | 4849.2 | 4709.0 | 4583.4 | 4450.7 | 4335.2 | 3594.9 | 1598.7 | 460.8 | 168.6 | 149.9 | 143.3 |
| 62.5° | 5259.4 | 5093.8 | 4936.8 | 4774.8 | 4608.7 | 3774.7 | 1526.3 | 398.0 | 170.7 | 156.5 | 147.4 |
| 65° | 5207.8 | 5025.0 | 4854.3 | 4656.8 | 4500.3 | 3605.0 | 1341.9 | 336.8 | 174.2 | 168.1 | 158.5 |
| 67° | 4859.4 | 4682.1 | 4487.7 | 4294.2 | 4142.3 | 3282.4 | 1132.8 | 283.6 | 178.3 | 181.3 | 170.7 |
| 67.5° | 4766.2 | 4566.7 | 4370.7 | 4192.9 | 4028.4 | 3182.7 | 1078.1 | 270.4 | 179.3 | 184.8 | 174.7 |
| 70° | 3974.7 | 3816.7 | 3587.3 | 3455.6 | 3336.6 | 2580.1 | 804.2 | 210.2 | 182.3 | 200.5 | 193.9 |
| 72.5° | 2781.1 | 2628.2 | 2508.2 | 2436.3 | 2366.9 | 1874.7 | 565.6 | 167.6 | 177.7 | 209.1 | 202.6 |
| 75° | 1404.7 | 1369.8 | 1327.8 | 1304.5 | 1305.5 | 1089.8 | 340.8 | 142.8 | 167.1 | 200.5 | 183.8 |
| 77.5° | 277.5 | 270.4 | 273.5 | 299.3 | 294.7 | 335.7 | 169.1 | 121.0 | 142.3 | 154.5 | 132.2 |
| 80° | 134.2 | 129.6 | 125.6 | 124.6 | 122.0 | 117.0 | 106.3 | 100.8 | 115.5 | 101.8 | 87.6 |
| 82.5° | 87.1 | 82.0 | 80.0 | 76.0 | 76.5 | 83.0 | 92.7 | 96.7 | 93.7 | 70.4 | 59.2 |
| 85° | 49.1 | 48.6 | 47.6 | 48.6 | 50.6 | 66.3 | 99.3 | 90.6 | 75.5 | 49.6 | 44.6 |
| 87.5° | 29.4 | 27.9 | 28.4 | 28.9 | 29.9 | 49.1 | 78.5 | 65.3 | 48.1 | 25.8 | 26.3 |
| 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-E03-LED-E1-GL3-8030

CANDELA DISTRIBUTION (continued):

| | 155° | 165° | 175° | 180° |
|-------|-------|-------|-------|-------|
| 0° | 799.6 | 799.6 | 799.6 | 799.6 |
| 2.5° | 776.8 | 774.8 | 774.8 | 774.3 |
| 5° | 764.1 | 761.1 | 760.6 | 760.6 |
| 7.5° | 762.1 | 758.1 | 757.6 | 756.0 |
| 10° | 771.2 | 769.7 | 770.2 | 768.7 |
| 12.5° | 800.1 | 802.1 | 804.2 | 804.2 |
| 15° | 844.2 | 842.6 | 845.2 | 842.6 |
| 17.5° | 876.6 | 863.4 | 860.4 | 858.8 |
| 20° | 877.6 | 850.2 | 841.1 | 839.6 |
| 22.5° | 846.2 | 805.7 | 790.5 | 787.9 |
| 25° | 793.0 | 741.9 | 722.6 | 720.6 |
| 27.5° | 726.2 | 668.9 | 640.6 | 639.6 |
| 30° | 645.7 | 577.8 | 541.8 | 536.3 |
| 32.5° | 547.4 | 466.9 | 428.9 | 416.8 |
| 35° | 434.0 | 351.4 | 316.0 | 315.0 |
| 37.5° | 324.1 | 259.8 | 237.0 | 236.0 |
| 40° | 237.5 | 204.1 | 195.5 | 193.9 |
| 42.5° | 193.9 | 180.3 | 176.7 | 175.2 |
| 45° | 173.7 | 168.1 | 166.1 | 164.6 |
| 47.5° | 161.5 | 158.0 | 156.5 | 156.5 |
| 50° | 151.9 | 150.9 | 149.9 | 149.9 |
| 52.5° | 145.3 | 144.8 | 143.8 | 143.3 |
| 55° | 139.8 | 137.7 | 138.2 | 137.7 |
| 57.5° | 136.2 | 133.2 | 133.2 | 133.2 |
| 60° | 134.2 | 128.6 | 128.6 | 129.1 |
| 62.5° | 134.7 | 126.1 | 125.6 | 125.6 |
| 65° | 138.8 | 124.6 | 121.5 | 122.0 |
| 67° | 143.8 | 123.1 | 117.0 | 116.5 |
| 67.5° | 145.3 | 122.0 | 115.5 | 115.0 |
| 70° | 151.4 | 119.0 | 107.9 | 106.8 |
| 72.5° | 152.4 | 114.4 | 100.3 | 99.3 |
| 75° | 141.8 | 108.4 | 94.2 | 91.7 |
| 77.5° | 110.4 | 93.2 | 85.1 | 85.1 |
| 80° | 77.5 | 71.4 | 60.8 | 60.3 |
| 82.5° | 56.7 | 53.7 | 44.6 | 43.5 |
| 85° | 41.5 | 39.0 | 32.9 | 32.9 |
| 87.5° | 25.8 | 24.8 | 21.3 | 20.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)