

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: INVUE

Report Number: P159899

Luminaire Tested: **ENC-E02-LED-E1-SLL-7050-ULG**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P159899  
REPORT IS FROM IESNA LM-79-08 TEST DATA - UPLIGHT (P20107) AND DOWNLIGHT  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ENC-E02-LED-E1-SLL-7050-ULG  
Description: ENTRI LED LUMINAIRE WITH UPLIGHT  
(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT  
Light Source: (42) 5000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5311.8 lumens  
Efficiency: N/A  
Efficacy: 96.8 lumens/watt  
Luminous Opening: Rectangular (W 0.33' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U3 - G2

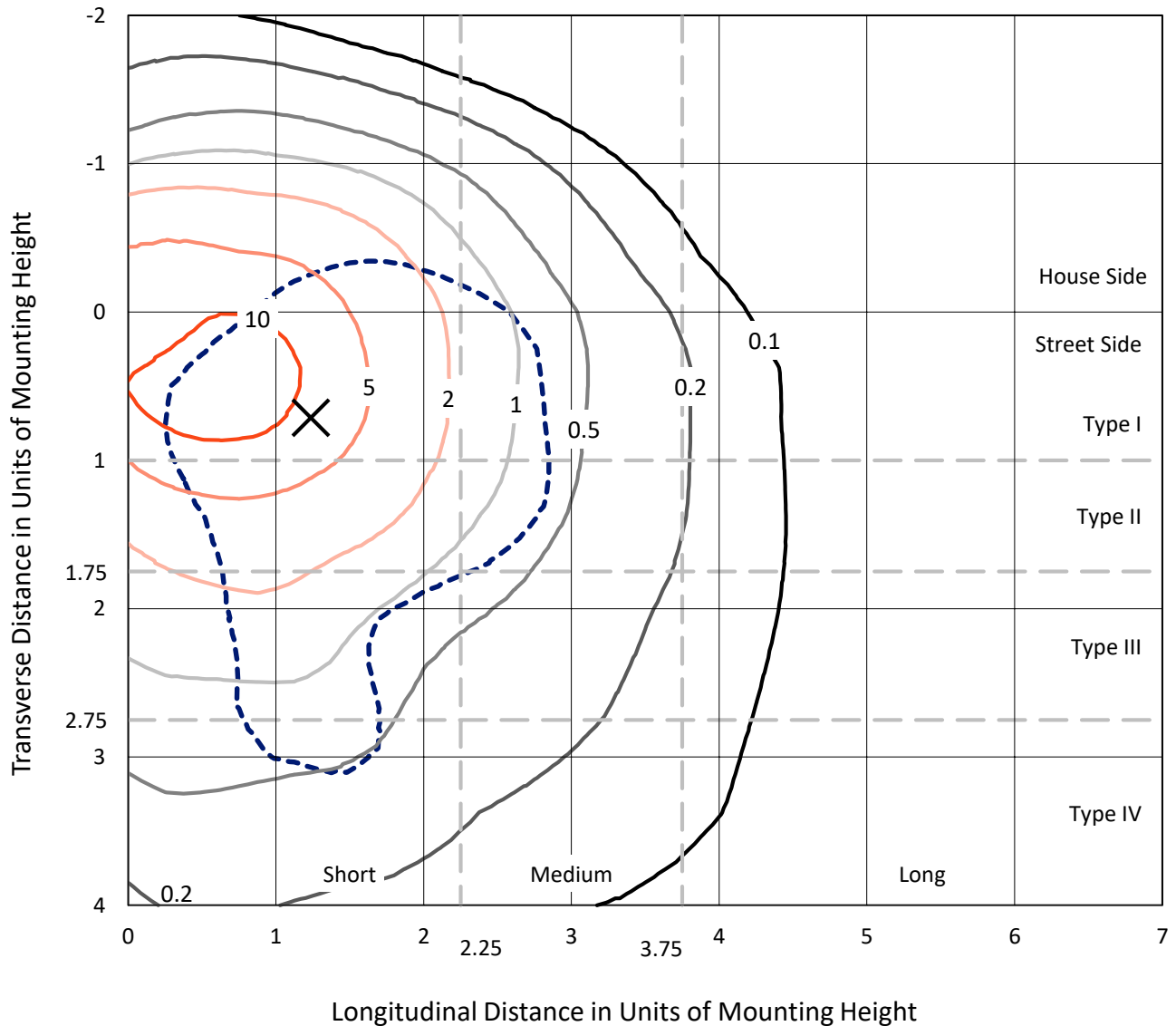
Input Watts (W): 54.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

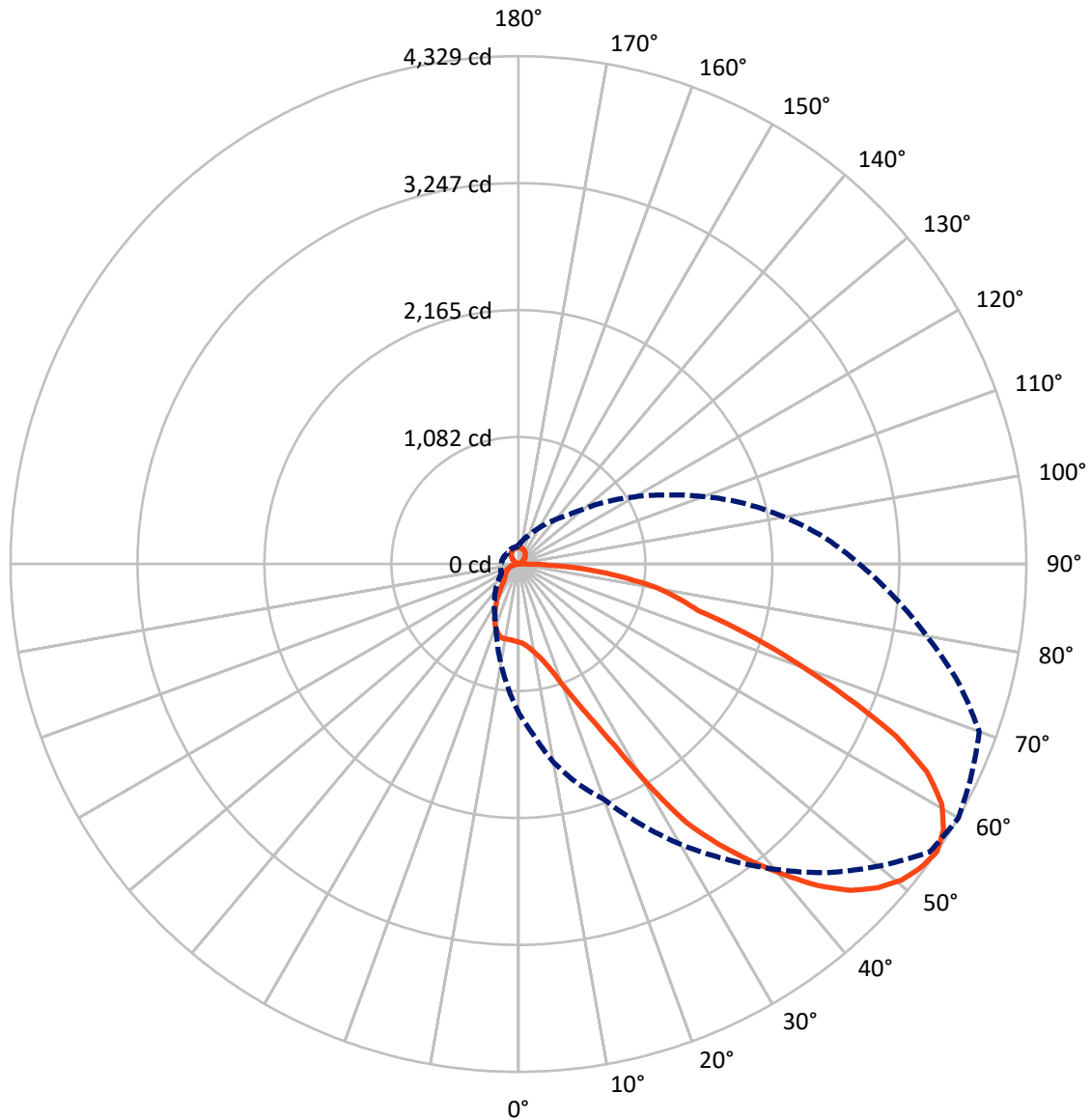
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 16.2 fc  
 Type IV - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral      - - - Horizontal Cone Through 55-Deg Vertical

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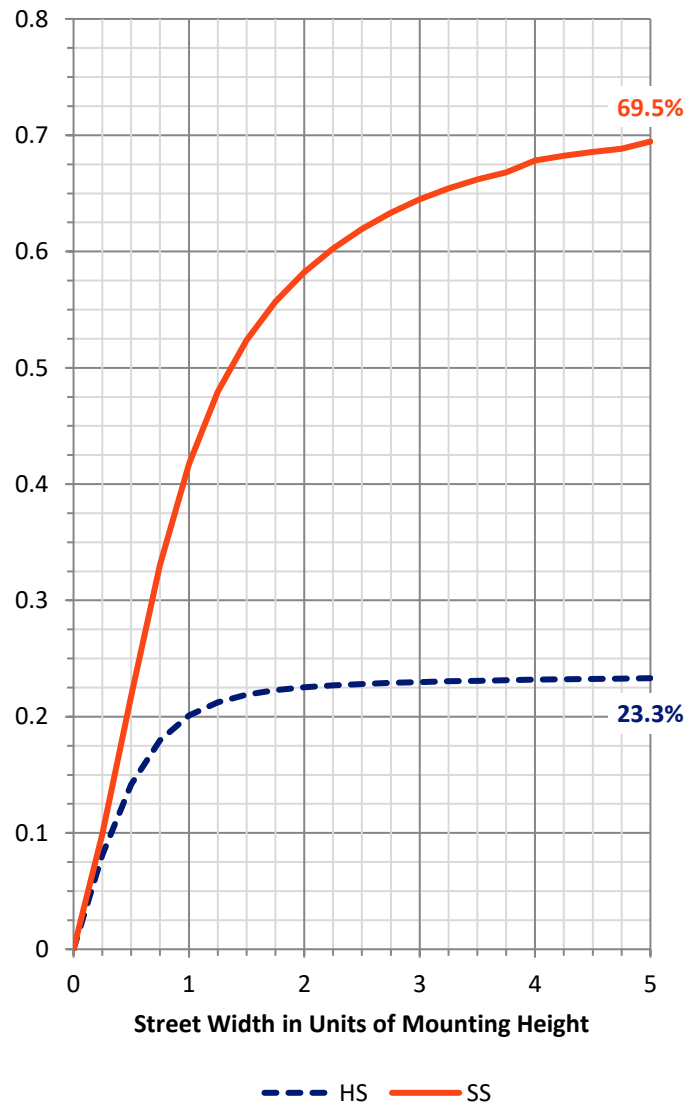
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1248.8   | 157.7  | 1406.6 |
|                    | % Fixture | 23.5     | 3.0    | 26.5   |
| <b>Street Side</b> | Lumens    | 3747.5   | 157.7  | 3905.2 |
|                    | % Fixture | 70.6     | 3.0    | 73.5   |
| <b>Total</b>       | Lumens    | 4996.3   | 315.5  | 5311.8 |
|                    | % Fixture | 94.1     | 5.9    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 65.6   | 1.2       |
| 10°-20°   | 215.6  | 4.1       |
| 20°-30°   | 418.4  | 7.9       |
| 30°-40°   | 657.5  | 12.4      |
| 40°-50°   | 879.0  | 16.5      |
| 50°-60°   | 1031.3 | 19.4      |
| 60°-70°   | 978.4  | 18.4      |
| 70°-80°   | 590.5  | 11.1      |
| 80°-90°   | 160.0  | 3.0       |
| 90°-100°  | 1.3    | 0.0       |
| 100°-110° | 12.3   | 0.2       |
| 110°-120° | 25.2   | 0.5       |
| 120°-130° | 43.0   | 0.8       |
| 130°-140° | 60.0   | 1.1       |
| 140°-150° | 65.4   | 1.2       |
| 150°-160° | 56.9   | 1.1       |
| 160°-170° | 38.2   | 0.7       |
| 170°-180° | 13.3   | 0.3       |
| 0°-90°    | 4996.3 | 94.1      |
| 0°-180°   | 5311.8 | 100.0     |



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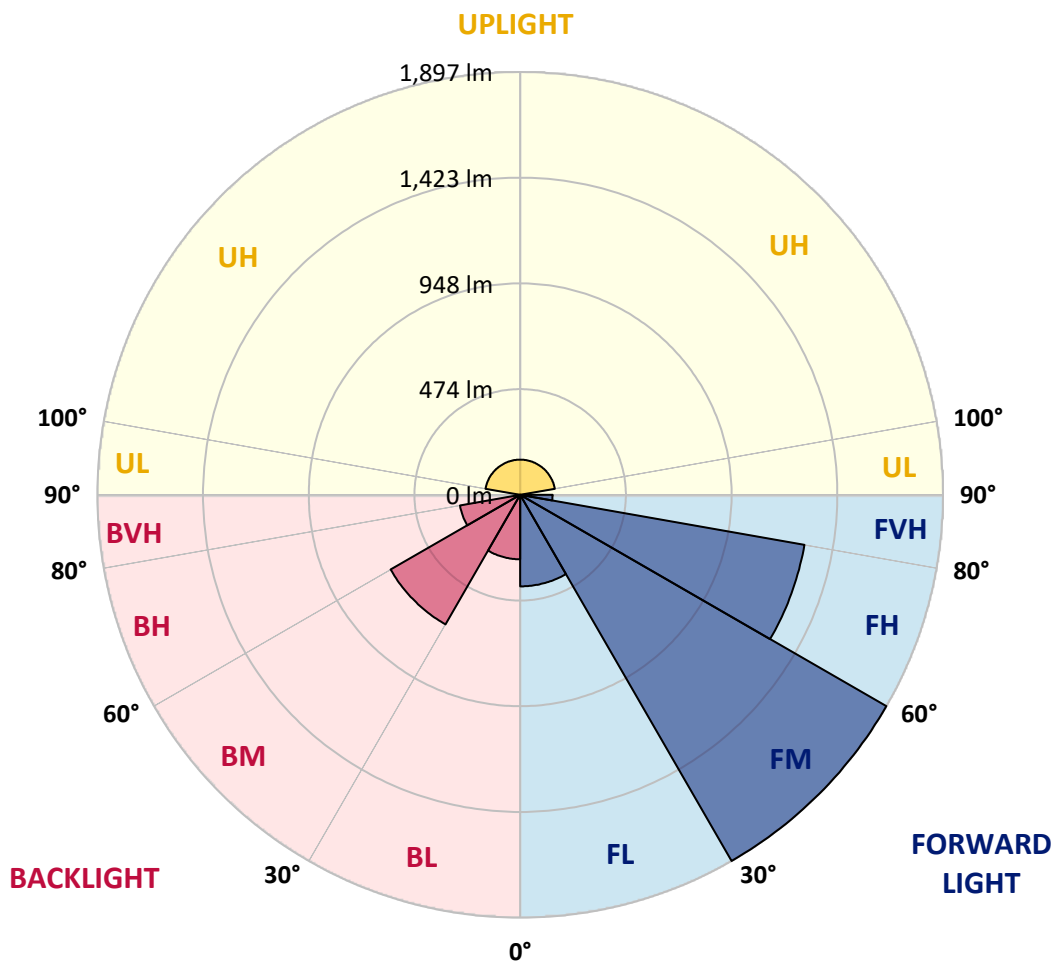
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 410.6  | 7.7       |                         |        |         |
| FM   | (30°-60°)   | 1896.7 | 35.7      |                         |        |         |
| FH   | (60°-80°)   | 1294.7 | 24.4      |                         |        | G1/1800 |
| FVH  | (80°-90°)   | 145.5  | 2.7       |                         |        | G2/225  |
| BL   | (0°-30°)    | 289.0  | 5.4       | B1/500                  |        |         |
| BM   | (30°-60°)   | 671.1  | 12.6      | B1/1000                 |        |         |
| BH   | (60°-80°)   | 274.2  | 5.2       | B1/500                  |        | G1/500  |
| BVH  | (80°-90°)   | 14.5   | 0.3       |                         |        | G1/100  |
| UL   | (90°-100°)  | 1.3    | 0.0       |                         | U1/10  |         |
| UH   | (100°-180°) | 157.7  | 3.0       |                         | U3/500 |         |

**BUG Rating: B1-U3-G2**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 665.9  | 665.9  | 665.9  | 665.9  | 665.9  | 665.9  | 665.9  | 665.9  | 665.9  | 665.9  | 665.9  |
| 2.5°   | 680.3  | 679.3  | 680.3  | 679.3  | 679.3  | 679.3  | 680.3  | 679.3  | 676.2  | 676.2  | 677.2  |
| 5°     | 696.7  | 696.7  | 696.7  | 697.8  | 697.8  | 698.8  | 700.8  | 698.8  | 697.8  | 702.9  | 698.8  |
| 7.5°   | 716.2  | 716.2  | 719.3  | 720.3  | 723.4  | 723.4  | 727.5  | 726.5  | 730.6  | 733.7  | 730.6  |
| 10°    | 746.0  | 742.9  | 750.1  | 750.1  | 758.3  | 759.3  | 763.4  | 764.4  | 771.6  | 777.8  | 772.7  |
| 12.5°  | 789.1  | 791.1  | 803.4  | 805.5  | 815.8  | 815.8  | 815.8  | 819.9  | 825.0  | 829.1  | 824.0  |
| 15°    | 866.0  | 870.1  | 886.6  | 887.6  | 905.0  | 897.8  | 906.1  | 907.1  | 906.1  | 909.1  | 901.9  |
| 17.5°  | 965.6  | 976.9  | 1000.5 | 1005.6 | 1013.8 | 1028.2 | 1028.2 | 1026.1 | 1031.2 | 1034.3 | 1014.8 |
| 20°    | 1087.7 | 1107.2 | 1133.8 | 1144.1 | 1166.7 | 1191.3 | 1190.3 | 1186.2 | 1187.2 | 1179.0 | 1157.4 |
| 22.5°  | 1225.2 | 1269.3 | 1313.4 | 1329.8 | 1346.3 | 1377.0 | 1396.5 | 1390.4 | 1395.5 | 1377.0 | 1357.5 |
| 25°    | 1382.2 | 1454.0 | 1520.7 | 1545.3 | 1604.8 | 1659.2 | 1667.4 | 1663.3 | 1640.7 | 1623.3 | 1603.8 |
| 27.5°  | 1478.6 | 1573.0 | 1664.3 | 1726.9 | 1828.5 | 1915.7 | 1933.2 | 1961.9 | 1969.1 | 1983.5 | 1936.3 |
| 30°    | 1499.1 | 1617.1 | 1731.0 | 1826.5 | 1948.6 | 2052.2 | 2167.1 | 2252.3 | 2309.8 | 2354.9 | 2324.1 |
| 32.5°  | 1513.5 | 1646.9 | 1773.1 | 1893.2 | 1993.7 | 2144.6 | 2289.2 | 2415.5 | 2583.7 | 2645.3 | 2703.8 |
| 35°    | 1517.6 | 1670.5 | 1813.1 | 1948.6 | 2078.9 | 2228.7 | 2383.6 | 2522.2 | 2750.0 | 2932.6 | 3057.8 |
| 37.5°  | 1511.5 | 1687.9 | 1855.2 | 2020.4 | 2175.3 | 2340.5 | 2503.7 | 2639.1 | 2860.8 | 3096.8 | 3265.1 |
| 40°    | 1486.8 | 1681.8 | 1872.6 | 2058.4 | 2246.1 | 2450.3 | 2637.1 | 2783.8 | 2991.1 | 3270.2 | 3493.9 |
| 42.5°  | 1455.0 | 1656.1 | 1866.5 | 2070.7 | 2282.1 | 2522.2 | 2747.9 | 2926.5 | 3155.3 | 3437.5 | 3691.9 |
| 45°    | 1415.0 | 1624.3 | 1841.9 | 2057.3 | 2285.1 | 2551.9 | 2809.5 | 3038.3 | 3281.5 | 3595.5 | 3840.7 |
| 47.5°  | 1365.7 | 1579.2 | 1809.0 | 2027.6 | 2264.6 | 2553.0 | 2838.2 | 3099.9 | 3366.7 | 3704.2 | 3969.0 |
| 50°    | 1319.6 | 1532.0 | 1772.1 | 1987.6 | 2225.6 | 2527.3 | 2835.1 | 3127.6 | 3419.0 | 3767.9 | 4045.9 |
| 52.5°  | 1283.7 | 1492.0 | 1740.3 | 1955.8 | 2180.5 | 2485.2 | 2804.3 | 3114.2 | 3427.2 | 3776.1 | 4060.3 |
| 55°    | 1261.1 | 1459.1 | 1713.6 | 1934.2 | 2135.3 | 2440.1 | 2757.1 | 3068.1 | 3396.4 | 3721.7 | 4006.9 |
| 57.5°  | 1264.2 | 1453.0 | 1698.2 | 1930.1 | 2102.5 | 2401.1 | 2703.8 | 3002.4 | 3301.0 | 3610.9 | 3905.4 |
| 60°    | 1296.0 | 1466.3 | 1690.0 | 1901.4 | 2123.0 | 2405.2 | 2680.2 | 2929.5 | 3168.6 | 3453.9 | 3728.9 |
| 62.5°  | 1376.0 | 1522.7 | 1703.3 | 1920.9 | 2165.1 | 2444.2 | 2664.8 | 2816.7 | 2959.3 | 3244.5 | 3524.7 |
| 65°    | 1527.9 | 1655.1 | 1799.8 | 1990.6 | 2229.7 | 2498.6 | 2602.2 | 2633.0 | 2724.3 | 2996.2 | 3274.3 |
| 67.5°  | 1676.7 | 1827.5 | 1909.6 | 2031.7 | 2255.4 | 2514.0 | 2527.3 | 2394.9 | 2392.9 | 2657.6 | 2858.7 |
| 70°    | 1820.3 | 2038.9 | 2071.7 | 2139.4 | 2292.3 | 2497.5 | 2449.3 | 2193.8 | 2077.9 | 2113.8 | 2230.8 |
| 72.5°  | 1725.9 | 2053.2 | 2076.8 | 2097.4 | 2188.7 | 2379.5 | 2324.1 | 1979.4 | 1719.8 | 1673.6 | 1805.9 |
| 75°    | 1317.5 | 1733.1 | 1788.5 | 1752.6 | 1802.9 | 1948.6 | 1938.3 | 1668.4 | 1580.2 | 1611.0 | 1662.3 |
| 77.5°  | 948.1  | 1336.0 | 1456.0 | 1339.1 | 1325.7 | 1420.1 | 1393.5 | 1416.0 | 1583.3 | 1628.4 | 1616.1 |
| 80°    | 550.0  | 848.6  | 1019.9 | 908.1  | 868.1  | 927.6  | 1032.3 | 1190.3 | 1372.9 | 1470.4 | 1488.9 |
| 82.5°  | 343.7  | 500.7  | 681.3  | 638.2  | 583.9  | 688.5  | 850.6  | 961.5  | 1051.8 | 1141.0 | 1146.2 |
| 85°    | 148.8  | 214.5  | 332.5  | 348.9  | 432.0  | 525.4  | 654.7  | 686.5  | 785.0  | 853.7  | 794.2  |
| 87.5°  | 5.1    | 5.1    | 80.0   | 119.0  | 211.4  | 379.7  | 514.1  | 459.7  | 465.9  | 408.4  | 380.7  |
| 90°    | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    |
| 92.5°  | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    |
| 95°    | 0.5    | 0.5    | 0.5    | 0.5    | 0.5    | 0.5    | 0.5    | 0.5    | 0.5    | 0.5    | 0.5    |
| 97.5°  | 1.5    | 1.5    | 1.5    | 1.5    | 1.5    | 1.5    | 1.5    | 1.5    | 1.5    | 1.5    | 1.5    |
| 100°   | 5.0    | 5.0    | 5.0    | 5.0    | 5.0    | 5.0    | 5.0    | 5.0    | 5.0    | 5.0    | 5.0    |
| 102.5° | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    |
| 105°   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   |
| 107.5° | 14.7   | 14.7   | 14.7   | 14.7   | 14.7   | 14.7   | 14.7   | 14.7   | 14.7   | 14.7   | 14.7   |
| 110°   | 17.8   | 17.8   | 17.8   | 17.8   | 17.8   | 17.8   | 17.8   | 17.8   | 17.8   | 17.8   | 17.8   |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  |
| 115°   | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
| 117.5° | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  |
| 120°   | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  |
| 122.5° | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  |
| 125°   | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  |
| 127.5° | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  |
| 130°   | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  |
| 132.5° | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  |
| 135°   | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  |
| 137.5° | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  |
| 140°   | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  |
| 142.5° | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  |
| 145°   | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 |
| 147.5° | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 |
| 150°   | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 |
| 152.5° | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 |
| 155°   | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 |
| 157.5° | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 |
| 160°   | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 |
| 162.5° | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 |
| 165°   | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 |
| 167.5° | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 |
| 170°   | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 |
| 172.5° | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 |
| 175°   | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 |
| 177.5° | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 |
| 180°   | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 |





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**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 665.9  | 665.9  | 665.9  | 665.9  | 665.9  | 665.9  | 665.9  | 665.9  | 665.9  | 665.9  | 665.9  |
| 2.5°   | 677.2  | 675.2  | 676.2  | 673.1  | 673.1  | 674.2  | 674.2  | 671.1  | 671.1  | 671.1  | 670.0  |
| 5°     | 700.8  | 698.8  | 697.8  | 695.7  | 692.6  | 694.7  | 691.6  | 689.5  | 686.5  | 685.4  | 682.4  |
| 7.5°   | 731.6  | 728.5  | 727.5  | 722.4  | 718.3  | 716.2  | 714.2  | 707.0  | 703.9  | 701.9  | 697.8  |
| 10°    | 767.5  | 767.5  | 765.5  | 755.2  | 752.1  | 745.0  | 737.8  | 729.6  | 723.4  | 714.2  | 709.0  |
| 12.5°  | 813.7  | 816.8  | 809.6  | 800.4  | 793.2  | 778.8  | 765.5  | 754.2  | 741.9  | 728.5  | 720.3  |
| 15°    | 882.5  | 884.5  | 870.1  | 861.9  | 850.6  | 834.2  | 813.7  | 795.2  | 776.8  | 758.3  | 742.9  |
| 17.5°  | 984.0  | 981.0  | 960.4  | 952.2  | 932.7  | 905.0  | 877.3  | 852.7  | 825.0  | 799.3  | 779.8  |
| 20°    | 1130.8 | 1118.5 | 1065.1 | 1062.0 | 1037.4 | 998.4  | 958.4  | 922.5  | 885.5  | 852.7  | 819.9  |
| 22.5°  | 1309.3 | 1281.6 | 1242.6 | 1198.5 | 1151.3 | 1108.2 | 1061.0 | 1010.7 | 964.5  | 923.5  | 887.6  |
| 25°    | 1542.2 | 1480.7 | 1444.8 | 1385.2 | 1344.2 | 1268.3 | 1202.6 | 1162.6 | 1100.0 | 1052.8 | 1006.6 |
| 27.5°  | 1853.1 | 1755.7 | 1703.3 | 1638.7 | 1547.4 | 1494.0 | 1404.7 | 1327.8 | 1261.1 | 1183.1 | 1131.8 |
| 30°    | 2256.4 | 2184.6 | 2053.2 | 1962.9 | 1836.7 | 1707.4 | 1597.6 | 1497.1 | 1409.9 | 1316.5 | 1240.6 |
| 32.5°  | 2671.0 | 2625.8 | 2471.9 | 2303.6 | 2111.7 | 1921.9 | 1760.8 | 1636.6 | 1522.7 | 1418.1 | 1330.9 |
| 35°    | 3022.9 | 2929.5 | 2778.7 | 2602.2 | 2355.9 | 2136.4 | 1932.2 | 1774.1 | 1632.5 | 1502.2 | 1392.4 |
| 37.5°  | 3249.7 | 3208.6 | 3055.7 | 2855.7 | 2585.8 | 2348.8 | 2137.4 | 1950.6 | 1774.1 | 1603.8 | 1462.2 |
| 40°    | 3502.1 | 3478.5 | 3350.2 | 3105.0 | 2855.7 | 2565.3 | 2324.1 | 2127.1 | 1937.3 | 1734.1 | 1548.4 |
| 42.5°  | 3727.8 | 3749.4 | 3618.0 | 3402.6 | 3114.2 | 2786.9 | 2530.4 | 2311.8 | 2095.3 | 1888.0 | 1673.6 |
| 45°    | 3930.0 | 3969.0 | 3872.5 | 3672.4 | 3356.4 | 2998.3 | 2730.5 | 2492.4 | 2256.4 | 2029.6 | 1790.6 |
| 47.5°  | 4081.8 | 4123.9 | 4042.9 | 3885.9 | 3556.5 | 3174.8 | 2905.9 | 2639.1 | 2391.9 | 2131.2 | 1877.8 |
| 50°    | 4209.1 | 4233.7 | 4172.1 | 4034.6 | 3718.6 | 3346.1 | 3046.5 | 2766.4 | 2492.4 | 2211.3 | 1934.2 |
| 52.5°  | 4283.0 | 4297.3 | 4236.8 | 4137.3 | 3841.7 | 3473.4 | 3156.3 | 2854.6 | 2563.2 | 2266.7 | 1971.1 |
| 55°    | 4278.9 | 4329.1 | 4260.4 | 4180.4 | 3879.7 | 3533.9 | 3213.8 | 2904.9 | 2615.5 | 2302.6 | 1992.7 |
| 57.5°  | 4198.8 | 4272.7 | 4240.9 | 4141.4 | 3847.9 | 3529.8 | 3222.0 | 2933.6 | 2649.4 | 2314.9 | 1982.4 |
| 60°    | 4044.9 | 4146.5 | 4169.1 | 4027.5 | 3720.7 | 3416.9 | 3144.0 | 2900.8 | 2617.6 | 2260.5 | 1919.8 |
| 62.5°  | 3827.4 | 3909.5 | 3967.9 | 3775.0 | 3471.3 | 3183.0 | 2969.5 | 2777.7 | 2489.3 | 2099.4 | 1790.6 |
| 65°    | 3499.0 | 3537.0 | 3553.4 | 3374.9 | 3077.3 | 2885.4 | 2745.9 | 2580.7 | 2260.5 | 1870.6 | 1590.5 |
| 67.5°  | 3010.6 | 3005.5 | 3021.9 | 2938.8 | 2719.2 | 2618.6 | 2526.3 | 2346.7 | 1973.2 | 1608.9 | 1329.8 |
| 70°    | 2393.9 | 2500.6 | 2590.9 | 2502.7 | 2366.2 | 2265.6 | 2188.7 | 1976.3 | 1576.1 | 1242.6 | 1010.7 |
| 72.5°  | 1948.6 | 2035.8 | 2085.0 | 2008.1 | 1875.7 | 1803.9 | 1702.3 | 1490.9 | 1109.2 | 883.5  | 693.6  |
| 75°    | 1645.9 | 1582.3 | 1612.0 | 1563.8 | 1441.7 | 1338.0 | 1279.6 | 1046.6 | 727.5  | 584.9  | 432.0  |
| 77.5°  | 1486.8 | 1385.2 | 1320.6 | 1217.0 | 1077.4 | 959.4  | 899.9  | 650.6  | 458.7  | 344.8  | 249.3  |
| 80°    | 1314.4 | 1173.9 | 1005.6 | 838.3  | 718.3  | 645.4  | 604.4  | 371.5  | 252.4  | 200.1  | 143.7  |
| 82.5°  | 999.4  | 867.1  | 703.9  | 582.8  | 479.2  | 417.6  | 370.4  | 212.4  | 142.6  | 105.7  | 82.1   |
| 85°    | 640.3  | 590.0  | 538.7  | 479.2  | 401.2  | 322.2  | 248.3  | 154.9  | 104.7  | 60.5   | 45.1   |
| 87.5°  | 308.9  | 256.5  | 254.5  | 235.0  | 223.7  | 176.5  | 104.7  | 35.9   | 22.6   | 19.5   | 12.3   |
| 90°    | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    |
| 92.5°  | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    | 0.1    |
| 95°    | 0.5    | 0.5    | 0.5    | 0.5    | 0.5    | 0.5    | 0.5    | 0.5    | 0.5    | 0.5    | 0.5    |
| 97.5°  | 1.5    | 1.5    | 1.5    | 1.5    | 1.5    | 1.5    | 1.5    | 1.5    | 1.5    | 1.5    | 1.5    |
| 100°   | 5.0    | 5.0    | 5.0    | 5.0    | 5.0    | 5.0    | 5.0    | 5.0    | 5.0    | 5.0    | 5.0    |
| 102.5° | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    |
| 105°   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   |
| 107.5° | 14.7   | 14.7   | 14.7   | 14.7   | 14.7   | 14.7   | 14.7   | 14.7   | 14.7   | 14.7   | 14.7   |
| 110°   | 17.8   | 17.8   | 17.8   | 17.8   | 17.8   | 17.8   | 17.8   | 17.8   | 17.8   | 17.8   | 17.8   |



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**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  |
| 115°   | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
| 117.5° | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  |
| 120°   | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  |
| 122.5° | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  |
| 125°   | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  |
| 127.5° | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  |
| 130°   | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  |
| 132.5° | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  |
| 135°   | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  |
| 137.5° | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  |
| 140°   | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  |
| 142.5° | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  |
| 145°   | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 |
| 147.5° | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 |
| 150°   | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 |
| 152.5° | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 |
| 155°   | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 |
| 157.5° | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 |
| 160°   | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 |
| 162.5° | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 |
| 165°   | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 |
| 167.5° | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 |
| 170°   | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 |
| 172.5° | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 |
| 175°   | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 |
| 177.5° | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 |
| 180°   | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 |



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CATALOG NUMBER: ENC-E02-LED-E1-SLL-7050-ULG

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 665.9  | 665.9  | 665.9  | 665.9 | 665.9 | 665.9 | 665.9 | 665.9 | 665.9 | 665.9 | 665.9 |
| 2.5°   | 668.0  | 667.0  | 664.9  | 664.9 | 663.9 | 662.9 | 661.8 | 661.8 | 662.9 | 660.8 | 659.8 |
| 5°     | 679.3  | 678.3  | 675.2  | 674.2 | 673.1 | 671.1 | 671.1 | 670.0 | 670.0 | 668.0 | 667.0 |
| 7.5°   | 692.6  | 690.6  | 688.5  | 687.5 | 684.4 | 684.4 | 684.4 | 686.5 | 686.5 | 686.5 | 687.5 |
| 10°    | 706.0  | 700.8  | 698.8  | 698.8 | 697.8 | 698.8 | 701.9 | 703.9 | 707.0 | 709.0 | 711.1 |
| 12.5°  | 713.1  | 708.0  | 706.0  | 703.9 | 707.0 | 707.0 | 712.1 | 718.3 | 723.4 | 728.5 | 730.6 |
| 15°    | 731.6  | 722.4  | 718.3  | 713.1 | 713.1 | 713.1 | 718.3 | 723.4 | 729.6 | 735.7 | 736.7 |
| 17.5°  | 763.4  | 747.0  | 738.8  | 727.5 | 724.4 | 720.3 | 720.3 | 722.4 | 726.5 | 731.6 | 731.6 |
| 20°    | 795.2  | 778.8  | 765.5  | 753.2 | 745.0 | 733.7 | 725.5 | 718.3 | 715.2 | 717.2 | 717.2 |
| 22.5°  | 852.7  | 833.2  | 816.8  | 796.3 | 777.8 | 763.4 | 742.9 | 725.5 | 712.1 | 708.0 | 704.9 |
| 25°    | 956.3  | 928.6  | 900.9  | 870.1 | 849.6 | 822.9 | 794.2 | 765.5 | 738.8 | 720.3 | 703.9 |
| 27.5°  | 1071.3 | 1033.3 | 993.3  | 945.0 | 912.2 | 872.2 | 834.2 | 793.2 | 760.3 | 732.6 | 702.9 |
| 30°    | 1181.0 | 1110.2 | 1052.8 | 992.2 | 938.9 | 884.5 | 837.3 | 789.1 | 753.2 | 720.3 | 684.4 |
| 32.5°  | 1235.4 | 1151.3 | 1073.3 | 997.4 | 932.7 | 870.1 | 818.8 | 764.4 | 726.5 | 689.5 | 646.4 |
| 35°    | 1273.4 | 1172.8 | 1079.5 | 991.2 | 918.4 | 849.6 | 791.1 | 734.7 | 689.5 | 647.5 | 598.2 |
| 37.5°  | 1320.6 | 1194.4 | 1084.6 | 986.1 | 900.9 | 822.9 | 757.3 | 693.6 | 642.3 | 597.2 | 545.9 |
| 40°    | 1382.2 | 1227.2 | 1090.8 | 971.7 | 874.2 | 786.0 | 718.3 | 649.5 | 595.1 | 546.9 | 499.7 |
| 42.5°  | 1467.3 | 1272.4 | 1097.9 | 954.3 | 844.5 | 752.1 | 682.4 | 615.7 | 558.2 | 506.9 | 459.7 |
| 45°    | 1551.5 | 1324.7 | 1116.4 | 949.1 | 825.0 | 730.6 | 656.7 | 585.9 | 525.4 | 471.0 | 416.6 |
| 47.5°  | 1614.1 | 1363.7 | 1135.9 | 952.2 | 813.7 | 708.0 | 629.0 | 550.0 | 482.3 | 422.8 | 367.3 |
| 50°    | 1654.1 | 1388.3 | 1153.3 | 960.4 | 803.4 | 678.3 | 584.9 | 504.8 | 435.1 | 376.6 | 321.2 |
| 52.5°  | 1674.6 | 1395.5 | 1159.5 | 957.4 | 776.8 | 631.1 | 537.7 | 460.7 | 394.0 | 336.6 | 287.3 |
| 55°    | 1680.8 | 1388.3 | 1146.2 | 928.6 | 730.6 | 583.9 | 494.6 | 421.7 | 357.1 | 302.7 | 258.6 |
| 57.5°  | 1659.2 | 1357.5 | 1099.0 | 870.1 | 669.0 | 538.7 | 448.4 | 377.6 | 316.0 | 267.8 | 227.8 |
| 60°    | 1589.4 | 1286.7 | 1015.8 | 778.8 | 600.3 | 478.2 | 387.9 | 318.1 | 267.8 | 225.7 | 198.0 |
| 62.5°  | 1462.2 | 1166.7 | 903.0  | 664.9 | 505.9 | 395.1 | 309.9 | 249.3 | 208.3 | 178.5 | 164.2 |
| 65°    | 1303.2 | 1002.5 | 733.7  | 528.4 | 386.8 | 294.5 | 222.7 | 182.6 | 153.9 | 136.5 | 129.3 |
| 67.5°  | 1065.1 | 783.9  | 549.0  | 376.6 | 266.8 | 200.1 | 150.8 | 129.3 | 117.0 | 111.8 | 109.8 |
| 70°    | 766.5  | 543.8  | 363.2  | 244.2 | 173.4 | 136.5 | 109.8 | 100.6 | 95.4  | 95.4  | 96.5  |
| 72.5°  | 504.8  | 335.5  | 221.6  | 156.0 | 123.1 | 102.6 | 89.3  | 85.2  | 85.2  | 87.2  | 88.2  |
| 75°    | 295.5  | 195.0  | 136.5  | 113.9 | 97.5  | 86.2  | 79.0  | 75.9  | 75.9  | 77.0  | 77.0  |
| 77.5°  | 174.4  | 120.1  | 97.5   | 86.2  | 79.0  | 73.9  | 69.8  | 65.7  | 64.6  | 64.6  | 67.7  |
| 80°    | 107.7  | 85.2   | 75.9   | 68.7  | 63.6  | 59.5  | 55.4  | 55.4  | 55.4  | 54.4  | 56.4  |
| 82.5°  | 69.8   | 60.5   | 59.5   | 57.5  | 51.3  | 47.2  | 43.1  | 43.1  | 45.1  | 43.1  | 44.1  |
| 85°    | 42.1   | 40.0   | 39.0   | 39.0  | 36.9  | 34.9  | 31.8  | 31.8  | 34.9  | 33.9  | 29.8  |
| 87.5°  | 11.3   | 10.3   | 13.3   | 12.3  | 14.4  | 14.4  | 14.4  | 16.4  | 21.5  | 27.7  | 20.5  |
| 90°    | 0.1    | 0.1    | 0.1    | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   |
| 92.5°  | 0.1    | 0.1    | 0.1    | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   |
| 95°    | 0.5    | 0.5    | 0.5    | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   |
| 97.5°  | 1.5    | 1.5    | 1.5    | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   |
| 100°   | 5.0    | 5.0    | 5.0    | 5.0   | 5.0   | 5.0   | 5.0   | 5.0   | 5.0   | 5.0   | 5.0   |
| 102.5° | 8.8    | 8.8    | 8.8    | 8.8   | 8.8   | 8.8   | 8.8   | 8.8   | 8.8   | 8.8   | 8.8   |
| 105°   | 11.8   | 11.8   | 11.8   | 11.8  | 11.8  | 11.8  | 11.8  | 11.8  | 11.8  | 11.8  | 11.8  |
| 107.5° | 14.7   | 14.7   | 14.7   | 14.7  | 14.7  | 14.7  | 14.7  | 14.7  | 14.7  | 14.7  | 14.7  |
| 110°   | 17.8   | 17.8   | 17.8   | 17.8  | 17.8  | 17.8  | 17.8  | 17.8  | 17.8  | 17.8  | 17.8  |



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REPORT N  
 CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |        |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 0°     |
| 115°   | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 2.5°   |
| 117.5° | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 5°     |
| 120°   | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 7.5°   |
| 122.5° | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 10°    |
| 125°   | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 12.5°  |
| 127.5° | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 15°    |
| 130°   | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 17.5°  |
| 132.5° | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 20°    |
| 135°   | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 22.5°  |
| 137.5° | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 25°    |
| 140°   | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 27.5°  |
| 142.5° | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 30°    |
| 145°   | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 32.5°  |
| 147.5° | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 35°    |
| 150°   | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 37.5°  |
| 152.5° | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 40°    |
| 155°   | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 42.5°  |
| 157.5° | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 45°    |
| 160°   | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 47.5°  |
| 162.5° | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 50°    |
| 165°   | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 52.5°  |
| 167.5° | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 55°    |
| 170°   | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 57.5°  |
| 172.5° | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 60°    |
| 175°   | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 62.5°  |
| 177.5° | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 65°    |
| 180°   | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 67.5°  |
|        |       |       |       |       |       |       |       |       |       |       |       | 70°    |
|        |       |       |       |       |       |       |       |       |       |       |       | 72.5°  |
|        |       |       |       |       |       |       |       |       |       |       |       | 75°    |
|        |       |       |       |       |       |       |       |       |       |       |       | 77.5°  |
|        |       |       |       |       |       |       |       |       |       |       |       | 80°    |
|        |       |       |       |       |       |       |       |       |       |       |       | 82.5°  |
|        |       |       |       |       |       |       |       |       |       |       |       | 85°    |
|        |       |       |       |       |       |       |       |       |       |       |       | 87.5°  |
|        |       |       |       |       |       |       |       |       |       |       |       | 90°    |
|        |       |       |       |       |       |       |       |       |       |       |       | 92.5°  |
|        |       |       |       |       |       |       |       |       |       |       |       | 95°    |
|        |       |       |       |       |       |       |       |       |       |       |       | 97.5°  |
|        |       |       |       |       |       |       |       |       |       |       |       | 100°   |
|        |       |       |       |       |       |       |       |       |       |       |       | 102.5° |
|        |       |       |       |       |       |       |       |       |       |       |       | 105°   |
|        |       |       |       |       |       |       |       |       |       |       |       | 107.5° |
|        |       |       |       |       |       |       |       |       |       |       |       | 110°   |

NUMBER: P159899  
 NUMBER: ENC-E02-LED-E1-SLL-7050-ULG

REPORT NUMBER: P  
 CATALOG NUMBER:

**DISTRIBUTION (continued):**

**CANDELA DISTRIBUTION**

| 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  | 165°   | 165°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 665.9 | 665.9 | 665.9 | 665.9 | 665.9 | 665.9 | 665.9 | 665.9 | 665.9 | 665.9 | 665.9 | 112.5° | 21.2  |
| 658.8 | 659.8 | 657.7 | 656.7 | 657.7 | 658.8 | 655.7 | 654.7 | 653.6 | 652.6 | 653.6 | 115°   | 25.0  |
| 665.9 | 665.9 | 662.9 | 660.8 | 660.8 | 659.8 | 656.7 | 655.7 | 651.6 | 650.6 | 653.6 | 117.5° | 29.5  |
| 686.5 | 685.4 | 682.4 | 679.3 | 678.3 | 678.3 | 671.1 | 668.0 | 665.9 | 659.8 | 660.8 | 120°   | 34.8  |
| 710.1 | 710.1 | 711.1 | 707.0 | 701.9 | 700.8 | 692.6 | 687.5 | 684.4 | 679.3 | 677.2 | 122.5° | 40.9  |
| 728.5 | 725.5 | 724.4 | 718.3 | 713.1 | 711.1 | 703.9 | 699.8 | 695.7 | 690.6 | 689.5 | 125°   | 47.8  |
| 734.7 | 728.5 | 724.4 | 717.2 | 711.1 | 707.0 | 700.8 | 696.7 | 691.6 | 688.5 | 686.5 | 127.5° | 55.3  |
| 728.5 | 722.4 | 716.2 | 708.0 | 699.8 | 694.7 | 687.5 | 681.3 | 679.3 | 675.2 | 669.0 | 130°   | 63.0  |
| 715.2 | 708.0 | 700.8 | 690.6 | 681.3 | 674.2 | 665.9 | 660.8 | 654.7 | 648.5 | 636.2 | 132.5° | 70.5  |
| 698.8 | 690.6 | 683.4 | 670.0 | 660.8 | 652.6 | 643.4 | 635.2 | 628.0 | 615.7 | 597.2 | 135°   | 77.9  |
| 687.5 | 670.0 | 657.7 | 639.3 | 629.0 | 618.7 | 614.6 | 606.4 | 596.2 | 574.6 | 552.0 | 137.5° | 85.3  |
| 671.1 | 639.3 | 616.7 | 598.2 | 583.9 | 571.5 | 564.4 | 555.1 | 544.9 | 524.3 | 500.7 | 140°   | 92.5  |
| 643.4 | 606.4 | 584.9 | 565.4 | 549.0 | 535.6 | 522.3 | 504.8 | 491.5 | 467.9 | 451.5 | 142.5° | 99.2  |
| 601.3 | 570.5 | 551.0 | 532.5 | 511.0 | 493.6 | 477.1 | 456.6 | 437.1 | 413.5 | 399.2 | 145°   | 104.9 |
| 554.1 | 526.4 | 501.8 | 482.3 | 459.7 | 442.3 | 424.8 | 401.2 | 382.7 | 361.2 | 347.8 | 147.5° | 110.1 |
| 504.8 | 475.1 | 446.4 | 423.8 | 403.3 | 383.8 | 368.4 | 345.8 | 326.3 | 305.8 | 298.6 | 150°   | 115.1 |
| 460.7 | 426.9 | 396.1 | 373.5 | 350.9 | 331.4 | 315.0 | 291.4 | 275.0 | 260.6 | 252.4 | 152.5° | 119.7 |
| 417.6 | 381.7 | 353.0 | 329.4 | 306.8 | 286.3 | 264.7 | 246.3 | 231.9 | 225.7 | 214.5 | 155°   | 123.7 |
| 369.4 | 332.5 | 304.8 | 279.1 | 260.6 | 239.1 | 222.7 | 210.4 | 201.1 | 196.0 | 188.8 | 157.5° | 127.0 |
| 320.1 | 289.4 | 260.6 | 237.0 | 214.5 | 196.0 | 185.7 | 179.6 | 176.5 | 172.4 | 169.3 | 160°   | 130.3 |
| 280.1 | 253.4 | 224.7 | 202.1 | 181.6 | 168.3 | 163.2 | 160.1 | 158.0 | 156.0 | 154.9 | 162.5° | 133.5 |
| 252.4 | 223.7 | 198.0 | 176.5 | 161.1 | 153.9 | 151.9 | 149.8 | 147.8 | 146.7 | 145.7 | 165°   | 136.0 |
| 230.9 | 202.1 | 178.5 | 160.1 | 148.8 | 146.7 | 145.7 | 143.7 | 141.6 | 141.6 | 139.6 | 167.5° | 137.1 |
| 205.2 | 180.6 | 160.1 | 146.7 | 140.6 | 139.6 | 138.5 | 137.5 | 136.5 | 136.5 | 135.4 | 170°   | 137.4 |
| 178.5 | 160.1 | 146.7 | 137.5 | 135.4 | 133.4 | 131.3 | 129.3 | 128.3 | 130.3 | 131.3 | 172.5° | 138.6 |
| 151.9 | 140.6 | 132.4 | 129.3 | 127.2 | 124.2 | 122.1 | 120.1 | 120.1 | 122.1 | 125.2 | 175°   | 140.5 |
| 126.2 | 122.1 | 120.1 | 118.0 | 117.0 | 115.9 | 113.9 | 111.8 | 111.8 | 111.8 | 113.9 | 177.5° | 141.1 |
| 108.8 | 106.7 | 106.7 | 105.7 | 104.7 | 104.7 | 102.6 | 100.6 | 100.6 | 100.6 | 100.6 | 180°   | 140.8 |
| 95.4  | 96.5  | 96.5  | 96.5  | 95.4  | 94.4  | 93.4  | 91.3  | 90.3  | 88.2  | 86.2  |        |       |
| 88.2  | 87.2  | 86.2  | 85.2  | 84.1  | 83.1  | 82.1  | 81.1  | 79.0  | 77.0  | 74.9  |        |       |
| 79.0  | 77.0  | 73.9  | 72.9  | 71.8  | 69.8  | 69.8  | 68.7  | 66.7  | 63.6  | 61.6  |        |       |
| 68.7  | 66.7  | 63.6  | 61.6  | 61.6  | 60.5  | 58.5  | 57.5  | 54.4  | 51.3  | 49.3  |        |       |
| 55.4  | 52.3  | 49.3  | 48.2  | 47.2  | 46.2  | 45.1  | 44.1  | 43.1  | 40.0  | 39.0  |        |       |
| 41.0  | 38.0  | 34.9  | 33.9  | 32.8  | 30.8  | 29.8  | 29.8  | 29.8  | 26.7  | 24.6  |        |       |
| 26.7  | 22.6  | 19.5  | 16.4  | 16.4  | 15.4  | 13.3  | 11.3  | 9.2   | 6.2   | 4.1   |        |       |
| 13.3  | 7.2   | 4.1   | 1.0   | 1.0   | 1.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |        |       |
| 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   |        |       |
| 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   |        |       |
| 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   |        |       |
| 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   |        |       |
| 5.0   | 5.0   | 5.0   | 5.0   | 5.0   | 5.0   | 5.0   | 5.0   | 5.0   | 5.0   | 5.0   |        |       |
| 8.8   | 8.8   | 8.8   | 8.8   | 8.8   | 8.8   | 8.8   | 8.8   | 8.8   | 8.8   | 8.8   |        |       |
| 11.8  | 11.8  | 11.8  | 11.8  | 11.8  | 11.8  | 11.8  | 11.8  | 11.8  | 11.8  | 11.8  |        |       |
| 14.7  | 14.7  | 14.7  | 14.7  | 14.7  | 14.7  | 14.7  | 14.7  | 14.7  | 14.7  | 14.7  |        |       |
| 17.8  | 17.8  | 17.8  | 17.8  | 17.8  | 17.8  | 17.8  | 17.8  | 17.8  | 17.8  | 17.8  |        |       |

'159899  
 ENC-E02-LED-E1-SLL-7050-ULG

REPORT NUMBER: P159899  
 CATALOG NUMBER: ENC-E02-I

**TION (continued):**

**CANDELA DISTRIBUTION (con**

| 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |        | 220°  | 225°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 0°     | 665.9 | 665.9 |
| 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 2.5°   | 653.6 | 652.6 |
| 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 5°     | 653.6 | 647.5 |
| 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 7.5°   | 656.7 | 651.6 |
| 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 10°    | 670.0 | 661.8 |
| 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 12.5°  | 681.3 | 672.1 |
| 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 15°    | 680.3 | 667.0 |
| 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 17.5°  | 658.8 | 643.4 |
| 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 20°    | 622.8 | 602.3 |
| 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 22.5°  | 576.7 | 557.2 |
| 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 25°    | 531.5 | 508.9 |
| 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 27.5°  | 481.2 | 461.7 |
| 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 30°    | 429.9 | 412.5 |
| 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 32.5°  | 380.7 | 364.3 |
| 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 35°    | 331.4 | 315.0 |
| 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 37.5°  | 284.2 | 268.8 |
| 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 40°    | 240.1 | 228.8 |
| 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 42.5°  | 208.3 | 198.0 |
| 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 45°    | 182.6 | 174.4 |
| 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 47.5°  | 164.2 | 158.0 |
| 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 50°    | 150.8 | 145.7 |
| 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 52.5°  | 142.6 | 138.5 |
| 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 55°    | 136.5 | 133.4 |
| 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 57.5°  | 132.4 | 128.3 |
| 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 60°    | 127.2 | 124.2 |
| 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 62.5°  | 122.1 | 118.0 |
| 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 65°    | 112.9 | 107.7 |
| 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 67.5°  | 99.5  | 95.4  |
|       |       |       |       |       |       |       |       |       |       | 70°    | 84.1  | 83.1  |
|       |       |       |       |       |       |       |       |       |       | 72.5°  | 70.8  | 69.8  |
|       |       |       |       |       |       |       |       |       |       | 75°    | 59.5  | 59.5  |
|       |       |       |       |       |       |       |       |       |       | 77.5°  | 49.3  | 48.2  |
|       |       |       |       |       |       |       |       |       |       | 80°    | 38.0  | 35.9  |
|       |       |       |       |       |       |       |       |       |       | 82.5°  | 21.5  | 20.5  |
|       |       |       |       |       |       |       |       |       |       | 85°    | 3.1   | 2.1   |
|       |       |       |       |       |       |       |       |       |       | 87.5°  | 0.0   | 0.0   |
|       |       |       |       |       |       |       |       |       |       | 90°    | 0.1   | 0.1   |
|       |       |       |       |       |       |       |       |       |       | 92.5°  | 0.1   | 0.1   |
|       |       |       |       |       |       |       |       |       |       | 95°    | 0.5   | 0.5   |
|       |       |       |       |       |       |       |       |       |       | 97.5°  | 1.5   | 1.5   |
|       |       |       |       |       |       |       |       |       |       | 100°   | 5.0   | 5.0   |
|       |       |       |       |       |       |       |       |       |       | 102.5° | 8.8   | 8.8   |
|       |       |       |       |       |       |       |       |       |       | 105°   | 11.8  | 11.8  |
|       |       |       |       |       |       |       |       |       |       | 107.5° | 14.7  | 14.7  |
|       |       |       |       |       |       |       |       |       |       | 110°   | 17.8  | 17.8  |

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CATALOG NUMBER: ENC-E02-LED-E1-SLL

LED-E1-SLL-7050-ULG

**tinued):**

**CANDELA DISTRIBUTION (continued):**

| 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |        | 220°  | 225°  | 230°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| 665.9 | 665.9 | 665.9 | 665.9 | 665.9 | 665.9 | 665.9 | 665.9 | 665.9 | 112.5° | 21.2  | 21.2  | 21.2  |
| 653.6 | 654.7 | 658.8 | 660.8 | 661.8 | 661.8 | 662.9 | 664.9 | 665.9 | 115°   | 25.0  | 25.0  | 25.0  |
| 647.5 | 649.5 | 651.6 | 654.7 | 655.7 | 655.7 | 656.7 | 659.8 | 662.9 | 117.5° | 29.5  | 29.5  | 29.5  |
| 648.5 | 647.5 | 648.5 | 650.6 | 650.6 | 650.6 | 651.6 | 654.7 | 657.7 | 120°   | 34.8  | 34.8  | 34.8  |
| 656.7 | 650.6 | 646.4 | 645.4 | 644.4 | 644.4 | 646.4 | 650.6 | 653.6 | 122.5° | 40.9  | 40.9  | 40.9  |
| 663.9 | 655.7 | 647.5 | 642.3 | 638.2 | 636.2 | 637.2 | 641.3 | 647.5 | 125°   | 47.8  | 47.8  | 47.8  |
| 657.7 | 645.4 | 636.2 | 629.0 | 622.8 | 620.8 | 621.8 | 624.9 | 632.1 | 127.5° | 55.3  | 55.3  | 55.3  |
| 631.1 | 617.7 | 607.5 | 602.3 | 599.2 | 598.2 | 600.3 | 606.4 | 612.6 | 130°   | 63.0  | 63.0  | 63.0  |
| 593.1 | 585.9 | 576.7 | 573.6 | 567.4 | 567.4 | 566.4 | 566.4 | 569.5 | 132.5° | 70.5  | 70.5  | 70.5  |
| 551.0 | 546.9 | 537.7 | 530.5 | 523.3 | 522.3 | 515.1 | 516.1 | 515.1 | 135°   | 77.9  | 77.9  | 77.9  |
| 502.8 | 497.7 | 486.4 | 476.1 | 467.9 | 462.8 | 454.6 | 453.5 | 450.5 | 137.5° | 85.3  | 85.3  | 85.3  |
| 454.6 | 446.4 | 433.0 | 422.8 | 412.5 | 405.3 | 398.1 | 390.9 | 388.9 | 140°   | 92.5  | 92.5  | 92.5  |
| 405.3 | 398.1 | 382.7 | 373.5 | 359.1 | 348.9 | 342.7 | 332.5 | 327.3 | 142.5° | 99.2  | 99.2  | 99.2  |
| 357.1 | 348.9 | 331.4 | 314.0 | 303.7 | 291.4 | 282.2 | 268.8 | 262.7 | 145°   | 104.9 | 104.9 | 104.9 |
| 303.7 | 298.6 | 281.2 | 262.7 | 253.4 | 237.0 | 225.7 | 214.5 | 212.4 | 147.5° | 110.1 | 110.1 | 110.1 |
| 260.6 | 249.3 | 236.0 | 221.6 | 206.2 | 197.0 | 191.9 | 189.8 | 188.8 | 150°   | 115.1 | 115.1 | 115.1 |
| 220.6 | 213.4 | 201.1 | 190.9 | 183.7 | 181.6 | 181.6 | 181.6 | 182.6 | 152.5° | 119.7 | 119.7 | 119.7 |
| 193.9 | 184.7 | 178.5 | 175.5 | 175.5 | 176.5 | 177.5 | 179.6 | 181.6 | 155°   | 123.7 | 123.7 | 123.7 |
| 171.4 | 168.3 | 168.3 | 167.3 | 169.3 | 171.4 | 174.4 | 177.5 | 179.6 | 157.5° | 127.0 | 127.0 | 127.0 |
| 156.0 | 157.0 | 159.0 | 160.1 | 164.2 | 167.3 | 170.3 | 172.4 | 174.4 | 160°   | 130.3 | 130.3 | 130.3 |
| 143.7 | 144.7 | 146.7 | 149.8 | 152.9 | 157.0 | 160.1 | 162.1 | 163.2 | 162.5° | 133.5 | 133.5 | 133.5 |
| 136.5 | 136.5 | 139.6 | 142.6 | 146.7 | 149.8 | 152.9 | 153.9 | 156.0 | 165°   | 136.0 | 136.0 | 136.0 |
| 130.3 | 131.3 | 134.4 | 136.5 | 138.5 | 140.6 | 142.6 | 143.7 | 147.8 | 167.5° | 137.1 | 137.1 | 137.1 |
| 126.2 | 127.2 | 128.3 | 126.2 | 128.3 | 130.3 | 132.4 | 134.4 | 136.5 | 170°   | 137.4 | 137.4 | 137.4 |
| 121.1 | 119.0 | 117.0 | 117.0 | 118.0 | 120.1 | 124.2 | 127.2 | 130.3 | 172.5° | 138.6 | 138.6 | 138.6 |
| 114.9 | 111.8 | 108.8 | 107.7 | 108.8 | 110.8 | 114.9 | 119.0 | 121.1 | 175°   | 140.5 | 140.5 | 140.5 |
| 104.7 | 103.6 | 102.6 | 101.6 | 102.6 | 104.7 | 108.8 | 111.8 | 114.9 | 177.5° | 141.1 | 141.1 | 141.1 |
| 94.4  | 93.4  | 92.3  | 93.4  | 94.4  | 96.5  | 100.6 | 103.6 | 106.7 | 180°   | 140.8 | 140.8 | 140.8 |
| 82.1  | 82.1  | 82.1  | 83.1  | 84.1  | 88.2  | 91.3  | 95.4  | 96.5  |        |       |       |       |
| 68.7  | 70.8  | 70.8  | 70.8  | 72.9  | 78.0  | 82.1  | 86.2  | 88.2  |        |       |       |       |
| 58.5  | 57.5  | 59.5  | 59.5  | 61.6  | 65.7  | 68.7  | 71.8  | 72.9  |        |       |       |       |
| 47.2  | 47.2  | 48.2  | 48.2  | 48.2  | 50.3  | 52.3  | 52.3  | 52.3  |        |       |       |       |
| 34.9  | 33.9  | 32.8  | 30.8  | 30.8  | 31.8  | 31.8  | 31.8  | 33.9  |        |       |       |       |
| 16.4  | 13.3  | 13.3  | 12.3  | 11.3  | 11.3  | 11.3  | 13.3  | 14.4  |        |       |       |       |
| 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 2.1   | 2.1   |        |       |       |       |
| 0.0   | 1.0   | 1.0   | 1.0   | 2.1   | 2.1   | 2.1   | 3.1   | 3.1   |        |       |       |       |
| 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   |        |       |       |       |
| 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   |        |       |       |       |
| 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   |        |       |       |       |
| 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   |        |       |       |       |
| 5.0   | 5.0   | 5.0   | 5.0   | 5.0   | 5.0   | 5.0   | 5.0   | 5.0   |        |       |       |       |
| 8.8   | 8.8   | 8.8   | 8.8   | 8.8   | 8.8   | 8.8   | 8.8   | 8.8   |        |       |       |       |
| 11.8  | 11.8  | 11.8  | 11.8  | 11.8  | 11.8  | 11.8  | 11.8  | 11.8  |        |       |       |       |
| 14.7  | 14.7  | 14.7  | 14.7  | 14.7  | 14.7  | 14.7  | 14.7  | 14.7  |        |       |       |       |
| 17.8  | 17.8  | 17.8  | 17.8  | 17.8  | 17.8  | 17.8  | 17.8  | 17.8  |        |       |       |       |



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CATALOG NUMBER: ENC-E02-LED-E1-SLL-7050-ULC

.-7050-ULG

**CANDELA DISTRIBUTION (continued):**

| 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |        | 275°  | 280°  | 285°  | 290°  |
|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|
| 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 0°     | 665.9 | 665.9 | 665.9 | 665.9 |
| 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 2.5°   | 664.9 | 667.0 | 667.0 | 669.0 |
| 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 5°     | 662.9 | 664.9 | 665.9 | 669.0 |
| 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 7.5°   | 659.8 | 663.9 | 665.9 | 670.0 |
| 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 10°    | 656.7 | 662.9 | 667.0 | 674.2 |
| 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 12.5°  | 653.6 | 659.8 | 667.0 | 674.2 |
| 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 15°    | 638.2 | 644.4 | 654.7 | 664.9 |
| 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 17.5°  | 615.7 | 621.8 | 630.0 | 639.3 |
| 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 20°    | 572.6 | 574.6 | 582.8 | 593.1 |
| 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 22.5°  | 512.0 | 511.0 | 515.1 | 526.4 |
| 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 25°    | 443.3 | 447.4 | 444.3 | 457.6 |
| 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 27.5°  | 379.7 | 382.7 | 386.8 | 393.0 |
| 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 30°    | 319.1 | 318.1 | 321.2 | 326.3 |
| 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 32.5°  | 256.5 | 255.5 | 256.5 | 261.7 |
| 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 35°    | 210.4 | 207.3 | 210.4 | 217.5 |
| 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 37.5°  | 189.8 | 189.8 | 192.9 | 198.0 |
| 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 40°    | 183.7 | 184.7 | 186.8 | 190.9 |
| 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 42.5°  | 182.6 | 182.6 | 182.6 | 184.7 |
| 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 45°    | 180.6 | 179.6 | 179.6 | 179.6 |
| 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 47.5°  | 175.5 | 174.4 | 174.4 | 174.4 |
| 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 50°    | 164.2 | 165.2 | 165.2 | 166.2 |
| 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 52.5°  | 157.0 | 159.0 | 160.1 | 162.1 |
| 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 55°    | 149.8 | 153.9 | 157.0 | 159.0 |
| 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 57.5°  | 138.5 | 142.6 | 145.7 | 150.8 |
| 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 60°    | 132.4 | 134.4 | 135.4 | 138.5 |
| 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 62.5°  | 124.2 | 126.2 | 128.3 | 129.3 |
| 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 65°    | 117.0 | 119.0 | 122.1 | 123.1 |
| 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 67.5°  | 108.8 | 111.8 | 113.9 | 114.9 |
|       |       |       |       |       |       |       |       | 70°    | 99.5  | 103.6 | 104.7 | 106.7 |
|       |       |       |       |       |       |       |       | 72.5°  | 90.3  | 92.3  | 93.4  | 95.4  |
|       |       |       |       |       |       |       |       | 75°    | 75.9  | 79.0  | 81.1  | 82.1  |
|       |       |       |       |       |       |       |       | 77.5°  | 56.4  | 59.5  | 62.6  | 65.7  |
|       |       |       |       |       |       |       |       | 80°    | 35.9  | 39.0  | 41.0  | 43.1  |
|       |       |       |       |       |       |       |       | 82.5°  | 16.4  | 19.5  | 20.5  | 22.6  |
|       |       |       |       |       |       |       |       | 85°    | 3.1   | 3.1   | 3.1   | 4.1   |
|       |       |       |       |       |       |       |       | 87.5°  | 3.1   | 4.1   | 4.1   | 4.1   |
|       |       |       |       |       |       |       |       | 90°    | 0.1   | 0.1   | 0.1   | 0.1   |
|       |       |       |       |       |       |       |       | 92.5°  | 0.1   | 0.1   | 0.1   | 0.1   |
|       |       |       |       |       |       |       |       | 95°    | 0.5   | 0.5   | 0.5   | 0.5   |
|       |       |       |       |       |       |       |       | 97.5°  | 1.5   | 1.5   | 1.5   | 1.5   |
|       |       |       |       |       |       |       |       | 100°   | 5.0   | 5.0   | 5.0   | 5.0   |
|       |       |       |       |       |       |       |       | 102.5° | 8.8   | 8.8   | 8.8   | 8.8   |
|       |       |       |       |       |       |       |       | 105°   | 11.8  | 11.8  | 11.8  | 11.8  |
|       |       |       |       |       |       |       |       | 107.5° | 14.7  | 14.7  | 14.7  | 14.7  |
|       |       |       |       |       |       |       |       | 110°   | 17.8  | 17.8  | 17.8  | 17.8  |





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**CANDELA DISTRIBUTION (continued):**

| 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |        | 275°  | 280°  | 285°  | 290°  | 295°  |
|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 665.9 | 665.9 | 665.9 | 665.9 | 665.9 | 665.9 | 665.9 | 112.5° | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  |
| 669.0 | 670.0 | 672.1 | 672.1 | 674.2 | 674.2 | 676.2 | 115°   | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
| 671.1 | 673.1 | 676.2 | 677.2 | 681.3 | 683.4 | 685.4 | 117.5° | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  |
| 674.2 | 677.2 | 681.3 | 684.4 | 689.5 | 692.6 | 695.7 | 120°   | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  |
| 679.3 | 684.4 | 691.6 | 694.7 | 698.8 | 706.0 | 711.1 | 122.5° | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  |
| 686.5 | 693.6 | 702.9 | 711.1 | 716.2 | 726.5 | 734.7 | 125°   | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  |
| 676.2 | 691.6 | 702.9 | 718.3 | 731.6 | 749.1 | 763.4 | 127.5° | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  |
| 651.6 | 665.9 | 685.4 | 704.9 | 725.5 | 755.2 | 783.9 | 130°   | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  |
| 606.4 | 622.8 | 645.4 | 670.0 | 699.8 | 738.8 | 779.8 | 132.5° | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  |
| 540.8 | 555.1 | 579.7 | 607.5 | 641.3 | 689.5 | 749.1 | 135°   | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  |
| 471.0 | 490.5 | 514.1 | 543.8 | 581.8 | 639.3 | 702.9 | 137.5° | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  |
| 404.3 | 424.8 | 450.5 | 483.3 | 527.4 | 589.0 | 661.8 | 140°   | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  |
| 335.5 | 359.1 | 382.7 | 423.8 | 467.9 | 532.5 | 613.6 | 142.5° | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  |
| 274.0 | 291.4 | 320.1 | 357.1 | 408.4 | 472.0 | 558.2 | 145°   | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 |
| 224.7 | 239.1 | 266.8 | 302.7 | 348.9 | 411.5 | 486.4 | 147.5° | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 |
| 205.2 | 216.5 | 236.0 | 261.7 | 302.7 | 363.2 | 426.9 | 150°   | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 |
| 198.0 | 208.3 | 222.7 | 245.2 | 277.0 | 323.2 | 377.6 | 152.5° | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 |
| 190.9 | 201.1 | 217.5 | 238.1 | 264.7 | 297.6 | 343.7 | 155°   | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 |
| 184.7 | 196.0 | 213.4 | 236.0 | 260.6 | 289.4 | 325.3 | 157.5° | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 |
| 178.5 | 188.8 | 206.2 | 231.9 | 258.6 | 289.4 | 325.3 | 160°   | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 |
| 169.3 | 179.6 | 198.0 | 224.7 | 254.5 | 288.3 | 329.4 | 162.5° | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 |
| 164.2 | 173.4 | 192.9 | 222.7 | 254.5 | 291.4 | 335.5 | 165°   | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 |
| 161.1 | 169.3 | 191.9 | 225.7 | 262.7 | 305.8 | 354.0 | 167.5° | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 |
| 156.0 | 165.2 | 188.8 | 226.8 | 272.9 | 326.3 | 386.8 | 170°   | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 |
| 141.6 | 152.9 | 178.5 | 219.6 | 269.9 | 335.5 | 415.6 | 172.5° | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 |
| 130.3 | 137.5 | 159.0 | 202.1 | 254.5 | 325.3 | 420.7 | 175°   | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 |
| 125.2 | 129.3 | 143.7 | 178.5 | 229.8 | 305.8 | 405.3 | 177.5° | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 |
| 118.0 | 120.1 | 130.3 | 158.0 | 197.0 | 270.9 | 367.3 | 180°   | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 |
| 108.8 | 109.8 | 118.0 | 135.4 | 164.2 | 215.5 | 306.8 |        |       |       |       |       |       |
| 97.5  | 99.5  | 104.7 | 117.0 | 135.4 | 165.2 | 222.7 |        |       |       |       |       |       |
| 84.1  | 85.2  | 87.2  | 95.4  | 106.7 | 127.2 | 158.0 |        |       |       |       |       |       |
| 67.7  | 67.7  | 69.8  | 73.9  | 80.0  | 94.4  | 112.9 |        |       |       |       |       |       |
| 44.1  | 47.2  | 49.3  | 56.4  | 58.5  | 68.7  | 80.0  |        |       |       |       |       |       |
| 25.7  | 27.7  | 28.7  | 30.8  | 35.9  | 41.0  | 49.3  |        |       |       |       |       |       |
| 4.1   | 6.2   | 6.2   | 8.2   | 10.3  | 11.3  | 13.3  |        |       |       |       |       |       |
| 5.1   | 5.1   | 5.1   | 5.1   | 6.2   | 6.2   | 6.2   |        |       |       |       |       |       |
| 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   |        |       |       |       |       |       |
| 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   |        |       |       |       |       |       |
| 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   |        |       |       |       |       |       |
| 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   |        |       |       |       |       |       |
| 5.0   | 5.0   | 5.0   | 5.0   | 5.0   | 5.0   | 5.0   |        |       |       |       |       |       |
| 8.8   | 8.8   | 8.8   | 8.8   | 8.8   | 8.8   | 8.8   |        |       |       |       |       |       |
| 11.8  | 11.8  | 11.8  | 11.8  | 11.8  | 11.8  | 11.8  |        |       |       |       |       |       |
| 14.7  | 14.7  | 14.7  | 14.7  | 14.7  | 14.7  | 14.7  |        |       |       |       |       |       |
| 17.8  | 17.8  | 17.8  | 17.8  | 17.8  | 17.8  | 17.8  |        |       |       |       |       |       |



REPORT NUMBER: P159899

CATALOG NUMBER: ENC-E02-LED-E1-SLL-7050-ULG

**CANDELA DISTRIBUTION (continued):**

| 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |        | 330°  | 335°  | 340°  | 345°   | 350°   | 355°   |
|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|--------|--------|--------|
| 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 0°     | 665.9 | 665.9 | 665.9 | 665.9  | 665.9  | 665.9  |
| 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 2.5°   | 677.2 | 676.2 | 678.3 | 680.3  | 679.3  | 685.4  |
| 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 5°     | 688.5 | 687.5 | 690.6 | 692.6  | 693.6  | 697.8  |
| 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 7.5°   | 699.8 | 700.8 | 706.0 | 707.0  | 710.1  | 715.2  |
| 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 10°    | 713.1 | 718.3 | 724.4 | 726.5  | 731.6  | 737.8  |
| 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 12.5°  | 739.8 | 747.0 | 755.2 | 761.4  | 771.6  | 783.9  |
| 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 15°    | 776.8 | 794.2 | 807.5 | 819.9  | 835.2  | 849.6  |
| 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 17.5°  | 809.6 | 843.5 | 872.2 | 897.8  | 922.5  | 945.0  |
| 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 20°    | 825.0 | 878.3 | 923.5 | 970.7  | 1017.9 | 1049.7 |
| 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 22.5°  | 810.6 | 885.5 | 955.3 | 1031.2 | 1103.1 | 1167.7 |
| 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 25°    | 779.8 | 872.2 | 975.8 | 1084.6 | 1193.4 | 1291.9 |
| 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 27.5°  | 751.1 | 864.0 | 984.0 | 1108.2 | 1237.5 | 1355.5 |
| 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 30°    | 713.1 | 836.3 | 967.6 | 1095.9 | 1236.5 | 1375.0 |
| 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 32.5°  | 656.7 | 781.9 | 920.4 | 1060.0 | 1215.9 | 1369.9 |
| 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 35°    | 590.0 | 715.2 | 856.8 | 1003.5 | 1176.9 | 1350.4 |
| 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 37.5°  | 517.2 | 640.3 | 788.0 | 945.0  | 1124.6 | 1318.5 |
| 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 40°    | 455.6 | 565.4 | 718.3 | 888.6  | 1077.4 | 1278.5 |
| 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 42.5°  | 406.3 | 505.9 | 650.6 | 822.9  | 1025.1 | 1232.4 |
| 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 45°    | 377.6 | 460.7 | 593.1 | 764.4  | 970.7  | 1184.1 |
| 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 47.5°  | 371.5 | 438.1 | 554.1 | 720.3  | 918.4  | 1132.8 |
| 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 50°    | 377.6 | 439.2 | 536.7 | 692.6  | 878.3  | 1086.6 |
| 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 52.5°  | 389.9 | 449.4 | 538.7 | 682.4  | 861.9  | 1058.9 |
| 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 55°    | 409.4 | 477.1 | 560.3 | 691.6  | 859.9  | 1047.7 |
| 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 57.5°  | 448.4 | 525.4 | 609.5 | 729.6  | 884.5  | 1060.0 |
| 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 60°    | 497.7 | 590.0 | 691.6 | 818.8  | 944.0  | 1101.0 |
| 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 62.5°  | 527.4 | 653.6 | 793.2 | 940.9  | 1069.2 | 1197.5 |
| 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 65°    | 524.3 | 680.3 | 877.3 | 1087.7 | 1247.7 | 1370.9 |
| 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 67.5°  | 490.5 | 660.8 | 856.8 | 1095.9 | 1337.0 | 1510.4 |
|       |       |       |       |       |       | 70°    | 409.4 | 568.5 | 797.3 | 1085.6 | 1382.2 | 1604.8 |
|       |       |       |       |       |       | 72.5°  | 326.3 | 466.9 | 685.4 | 957.4  | 1249.8 | 1477.6 |
|       |       |       |       |       |       | 75°    | 217.5 | 329.4 | 505.9 | 734.7  | 947.1  | 1145.1 |
|       |       |       |       |       |       | 77.5°  | 147.8 | 208.3 | 316.0 | 482.3  | 657.7  | 819.9  |
|       |       |       |       |       |       | 80°    | 98.5  | 130.3 | 180.6 | 265.8  | 368.4  | 472.0  |
|       |       |       |       |       |       | 82.5°  | 57.5  | 71.8  | 92.3  | 131.3  | 195.0  | 275.0  |
|       |       |       |       |       |       | 85°    | 15.4  | 19.5  | 25.7  | 33.9   | 60.5   | 106.7  |
|       |       |       |       |       |       | 87.5°  | 6.2   | 5.1   | 5.1   | 5.1    | 5.1    | 5.1    |
|       |       |       |       |       |       | 90°    | 0.1   | 0.1   | 0.1   | 0.1    | 0.1    | 0.1    |
|       |       |       |       |       |       | 92.5°  | 0.1   | 0.1   | 0.1   | 0.1    | 0.1    | 0.1    |
|       |       |       |       |       |       | 95°    | 0.5   | 0.5   | 0.5   | 0.5    | 0.5    | 0.5    |
|       |       |       |       |       |       | 97.5°  | 1.5   | 1.5   | 1.5   | 1.5    | 1.5    | 1.5    |
|       |       |       |       |       |       | 100°   | 5.0   | 5.0   | 5.0   | 5.0    | 5.0    | 5.0    |
|       |       |       |       |       |       | 102.5° | 8.8   | 8.8   | 8.8   | 8.8    | 8.8    | 8.8    |
|       |       |       |       |       |       | 105°   | 11.8  | 11.8  | 11.8  | 11.8   | 11.8   | 11.8   |
|       |       |       |       |       |       | 107.5° | 14.7  | 14.7  | 14.7  | 14.7   | 14.7   | 14.7   |
|       |       |       |       |       |       | 110°   | 17.8  | 17.8  | 17.8  | 17.8   | 17.8   | 17.8   |



REPORT NUMBER: P159899

CATALOG NUMBER: ENC-E02-LED-E1-SLL-7050-ULG

**CANDELA DISTRIBUTION (continued):**

| 360°   | 330°   | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|--------|-------|-------|-------|-------|-------|-------|
| 665.9  | 112.5° | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  | 21.2  |
| 680.3  | 115°   | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
| 696.7  | 117.5° | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  | 29.5  |
| 716.2  | 120°   | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  | 34.8  |
| 746.0  | 122.5° | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  | 40.9  |
| 789.1  | 125°   | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  | 47.8  |
| 866.0  | 127.5° | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  | 55.3  |
| 965.6  | 130°   | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  | 63.0  |
| 1087.7 | 132.5° | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  | 70.5  |
| 1225.2 | 135°   | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  | 77.9  |
| 1382.2 | 137.5° | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  | 85.3  |
| 1478.6 | 140°   | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  | 92.5  |
| 1499.1 | 142.5° | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  | 99.2  |
| 1513.5 | 145°   | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 |
| 1517.6 | 147.5° | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 |
| 1511.5 | 150°   | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 |
| 1486.8 | 152.5° | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 |
| 1455.0 | 155°   | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 |
| 1415.0 | 157.5° | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 |
| 1365.7 | 160°   | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 |
| 1319.6 | 162.5° | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 |
| 1283.7 | 165°   | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 |
| 1261.1 | 167.5° | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 |
| 1264.2 | 170°   | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 |
| 1296.0 | 172.5° | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 |
| 1376.0 | 175°   | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 |
| 1527.9 | 177.5° | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 |
| 1676.7 | 180°   | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 |
| 1820.3 |        |       |       |       |       |       |       |
| 1725.9 |        |       |       |       |       |       |       |
| 1317.5 |        |       |       |       |       |       |       |
| 948.1  |        |       |       |       |       |       |       |
| 550.0  |        |       |       |       |       |       |       |
| 343.7  |        |       |       |       |       |       |       |
| 148.8  |        |       |       |       |       |       |       |
| 5.1    |        |       |       |       |       |       |       |
| 0.1    |        |       |       |       |       |       |       |
| 0.1    |        |       |       |       |       |       |       |
| 0.5    |        |       |       |       |       |       |       |
| 1.5    |        |       |       |       |       |       |       |
| 5.0    |        |       |       |       |       |       |       |
| 8.8    |        |       |       |       |       |       |       |
| 11.8   |        |       |       |       |       |       |       |
| 14.7   |        |       |       |       |       |       |       |
| 17.8   |        |       |       |       |       |       |       |

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Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



(REPORT)