

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: P139995

Luminaire Tested: **ENV-F02-LED-E1-SLL**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P139995  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33647)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ENV-F02-LED-E1-SLL  
Description: ENTRI LED LUMINAIRE  
(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT  
Light Source: (14) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4019.6 lumens  
Efficiency: N/A  
Efficacy: 81.5 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.33' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U0 - G2

Input Watts (W): 49.3  
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

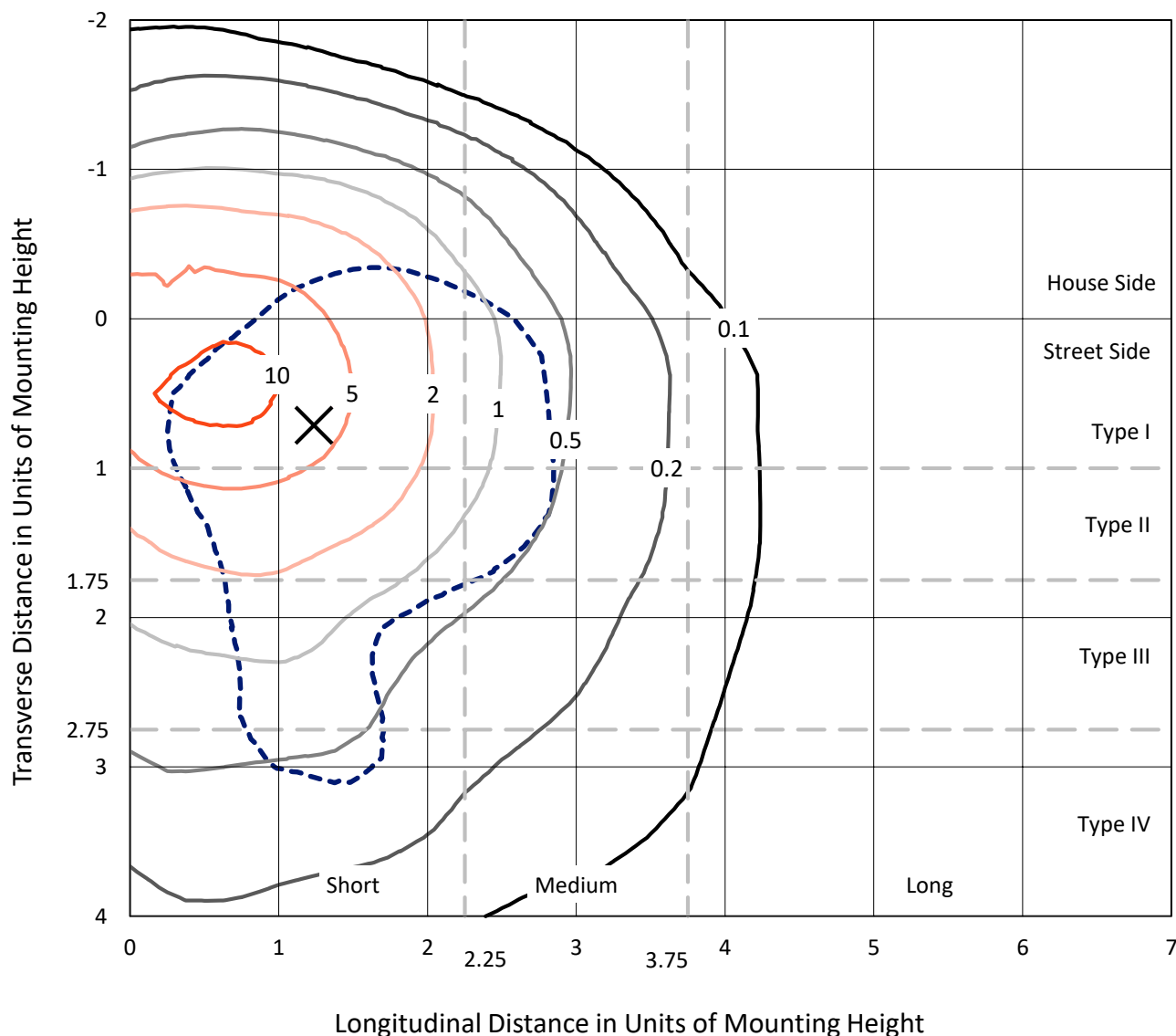


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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 --- 1/2 Max cd

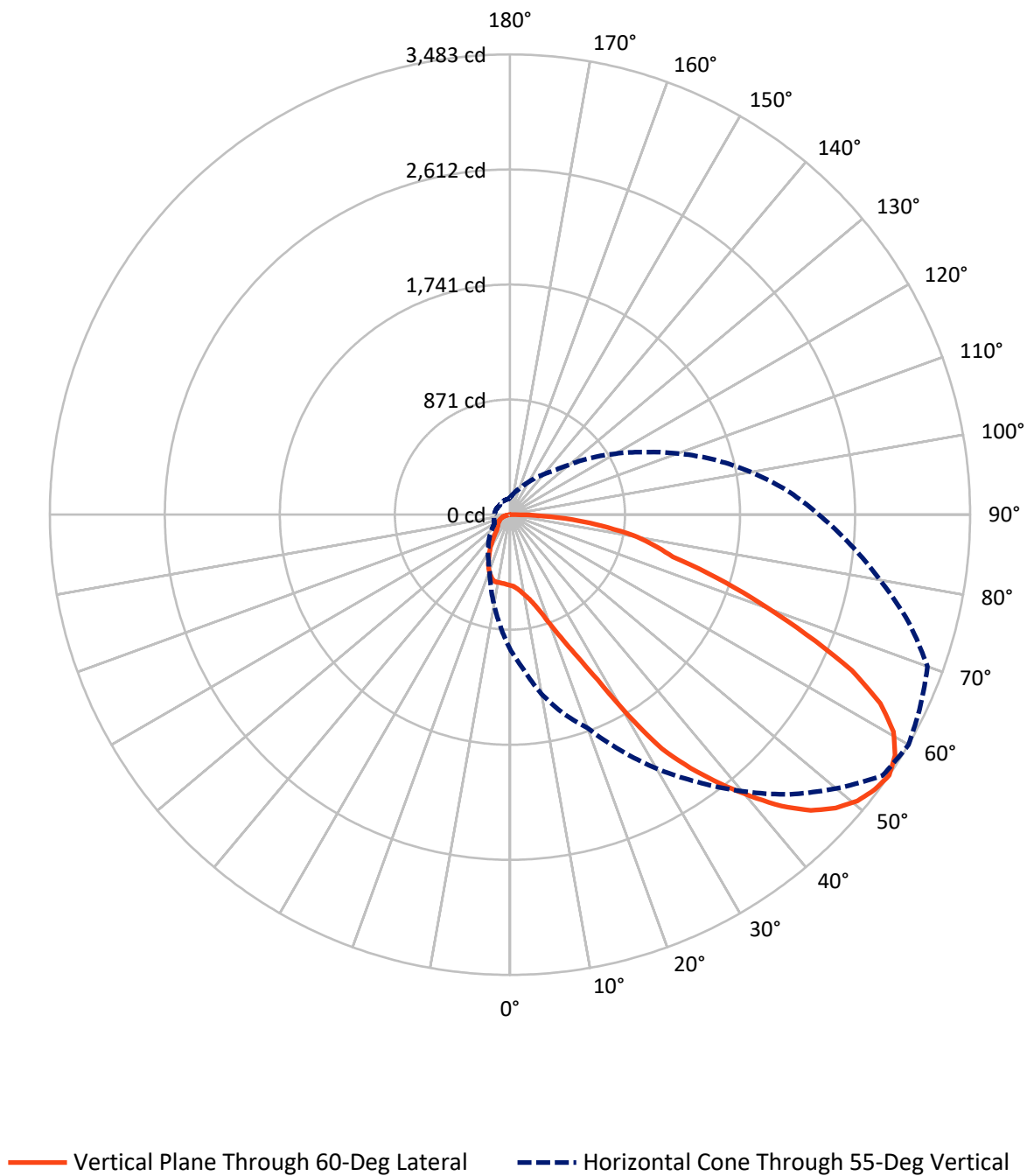


Based on 10 foot mounting height. Maximum calculated value = 13 fc  
 Type IV - Short - Non-Cutoff

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## Luminous Intensity Polar Plot



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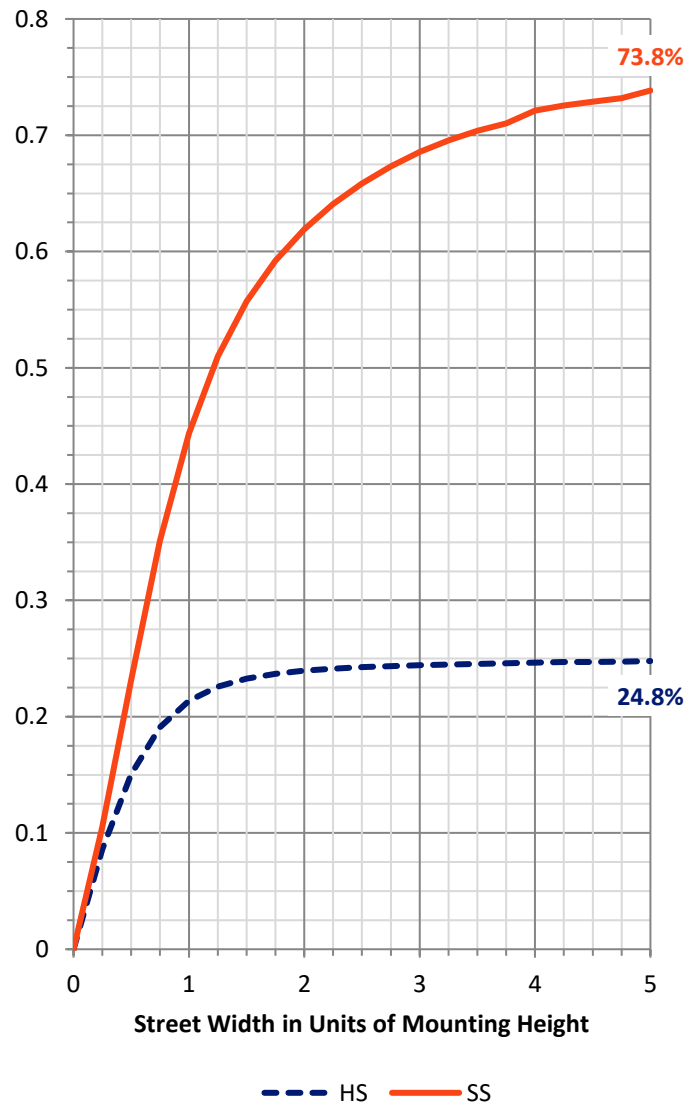
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1004.7   | 0.0    | 1004.7 |
|                    | % Fixture | 25.0     | 0.0    | 25.0   |
| <b>Street Side</b> | Lumens    | 3014.9   | 0.0    | 3014.9 |
|                    | % Fixture | 75.0     | 0.0    | 75.0   |
| <b>Total</b>       | Lumens    | 4019.6   | 0.0    | 4019.6 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 52.8   | 1.3       |
| 10°-20°   | 173.5  | 4.3       |
| 20°-30°   | 336.6  | 8.4       |
| 30°-40°   | 529.0  | 13.2      |
| 40°-50°   | 707.2  | 17.6      |
| 50°-60°   | 829.7  | 20.6      |
| 60°-70°   | 787.1  | 19.6      |
| 70°-80°   | 475.1  | 11.8      |
| 80°-90°   | 128.7  | 3.2       |
| 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°    | 4019.6 | 100.0     |
| 0°-180°   | 4019.6 | 100.0     |

**Coefficient of Utilization**



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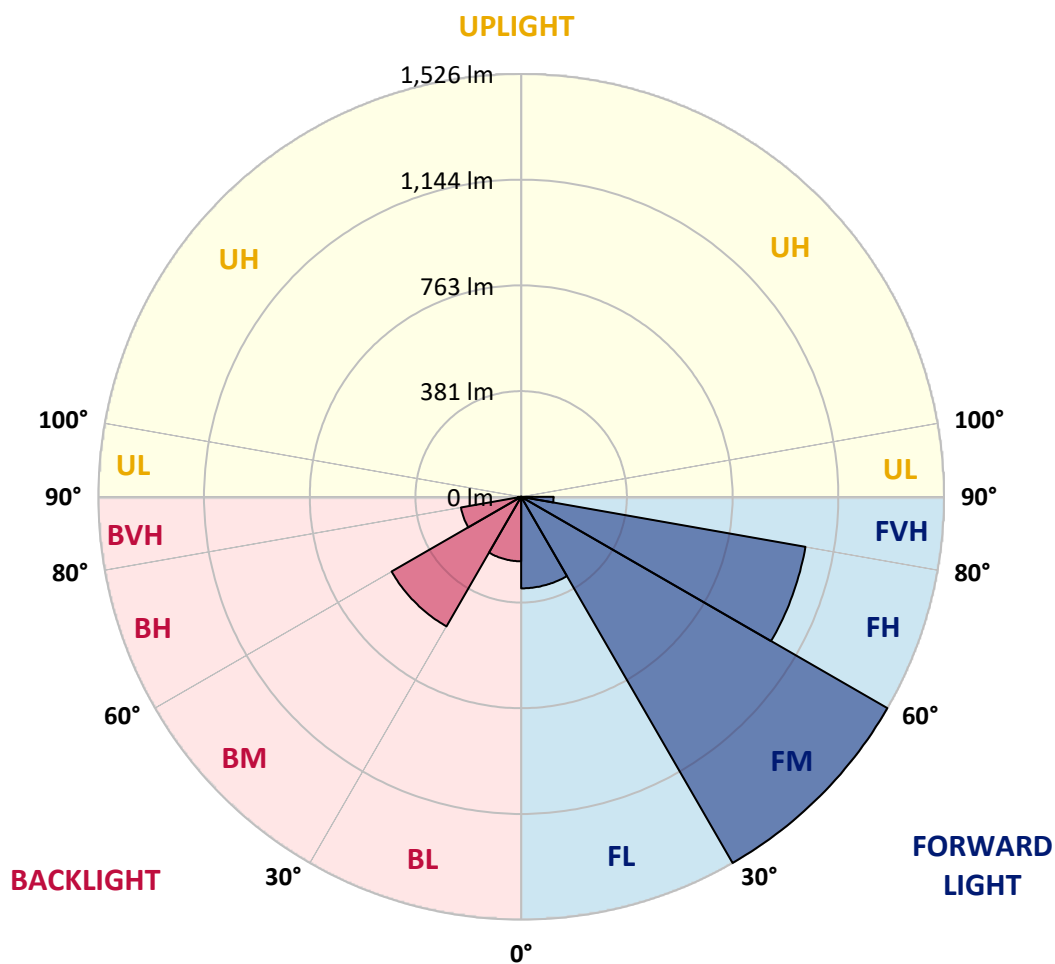
CATALOG NUMBER: ENV-F02-LED-E1-SLL

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 330.3  | 8.2       |                         |      |         |
| FM   | (30°-60°)   | 1525.9 | 38.0      |                         |      |         |
| FH   | (60°-80°)   | 1041.6 | 25.9      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 117.0  | 2.9       |                         |      | G2/225  |
| BL   | (0°-30°)    | 232.5  | 5.8       | B1/500                  |      |         |
| BM   | (30°-60°)   | 539.9  | 13.4      | B1/1000                 |      |         |
| BH   | (60°-80°)   | 220.6  | 5.5       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 11.7   | 0.3       |                         |      | 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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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 535.8  | 535.8  | 535.8  | 535.8  | 535.8  | 535.8  | 535.8  | 535.8  | 535.8  | 535.8  | 535.8  |
| 2.5°  | 547.3  | 546.5  | 547.3  | 546.5  | 546.5  | 546.5  | 547.3  | 546.5  | 544.0  | 544.0  | 544.8  |
| 5°    | 560.5  | 560.5  | 560.5  | 561.4  | 561.4  | 562.2  | 563.8  | 562.2  | 561.4  | 565.5  | 562.2  |
| 7.5°  | 576.2  | 576.2  | 578.7  | 579.5  | 582.0  | 582.0  | 585.3  | 584.5  | 587.8  | 590.3  | 587.8  |
| 10°   | 600.2  | 597.7  | 603.5  | 603.5  | 610.1  | 610.9  | 614.2  | 615.0  | 620.8  | 625.7  | 621.6  |
| 12.5° | 634.8  | 636.5  | 646.4  | 648.0  | 656.3  | 656.3  | 656.3  | 659.6  | 663.7  | 667.0  | 662.9  |
| 15°   | 696.7  | 700.0  | 713.3  | 714.1  | 728.1  | 722.3  | 728.9  | 729.8  | 728.9  | 731.4  | 725.6  |
| 17.5° | 776.8  | 785.9  | 804.9  | 809.0  | 815.6  | 827.2  | 827.2  | 825.5  | 829.7  | 832.1  | 816.4  |
| 20°   | 875.1  | 890.7  | 912.2  | 920.5  | 938.6  | 958.4  | 957.6  | 954.3  | 955.1  | 948.5  | 931.2  |
| 22.5° | 985.7  | 1021.2 | 1056.7 | 1069.9 | 1083.1 | 1107.9 | 1123.5 | 1118.6 | 1122.7 | 1107.9 | 1092.2 |
| 25°   | 1112.0 | 1169.8 | 1223.4 | 1243.2 | 1291.1 | 1334.9 | 1341.5 | 1338.2 | 1320.0 | 1306.0 | 1290.3 |
| 27.5° | 1189.6 | 1265.5 | 1339.0 | 1389.4 | 1471.1 | 1541.3 | 1555.3 | 1578.4 | 1584.2 | 1595.7 | 1557.8 |
| 30°   | 1206.1 | 1301.0 | 1392.7 | 1469.4 | 1567.7 | 1651.0 | 1743.5 | 1812.0 | 1858.3 | 1894.6 | 1869.8 |
| 32.5° | 1217.6 | 1325.0 | 1426.5 | 1523.1 | 1604.0 | 1725.3 | 1841.7 | 1943.3 | 2078.7 | 2128.2 | 2175.3 |
| 35°   | 1221.0 | 1344.0 | 1458.7 | 1567.7 | 1672.5 | 1793.0 | 1917.7 | 2029.1 | 2212.4 | 2359.4 | 2460.1 |
| 37.5° | 1216.0 | 1358.0 | 1492.5 | 1625.5 | 1750.1 | 1883.0 | 2014.3 | 2123.3 | 2301.6 | 2491.4 | 2626.8 |
| 40°   | 1196.2 | 1353.0 | 1506.6 | 1656.0 | 1807.1 | 1971.4 | 2121.6 | 2239.6 | 2406.4 | 2630.9 | 2810.9 |
| 42.5° | 1170.6 | 1332.4 | 1501.6 | 1665.9 | 1836.0 | 2029.1 | 2210.8 | 2354.4 | 2538.5 | 2765.5 | 2970.2 |
| 45°   | 1138.4 | 1306.8 | 1481.8 | 1655.2 | 1838.4 | 2053.1 | 2260.3 | 2444.4 | 2640.0 | 2892.6 | 3089.9 |
| 47.5° | 1098.8 | 1270.5 | 1455.4 | 1631.2 | 1821.9 | 2053.9 | 2283.4 | 2493.9 | 2708.5 | 2980.1 | 3193.1 |
| 50°   | 1061.6 | 1232.5 | 1425.7 | 1599.0 | 1790.6 | 2033.3 | 2280.9 | 2516.2 | 2750.6 | 3031.3 | 3255.0 |
| 52.5° | 1032.7 | 1200.3 | 1400.1 | 1573.5 | 1754.2 | 1999.4 | 2256.2 | 2505.5 | 2757.3 | 3037.9 | 3266.6 |
| 55°   | 1014.6 | 1173.9 | 1378.6 | 1556.1 | 1717.9 | 1963.1 | 2218.2 | 2468.3 | 2732.5 | 2994.2 | 3223.7 |
| 57.5° | 1017.0 | 1168.9 | 1366.2 | 1552.8 | 1691.5 | 1931.7 | 2175.3 | 2415.5 | 2655.7 | 2905.0 | 3141.9 |
| 60°   | 1042.6 | 1179.7 | 1359.6 | 1529.7 | 1708.0 | 1935.0 | 2156.3 | 2356.9 | 2549.2 | 2778.7 | 3000.0 |
| 62.5° | 1107.0 | 1225.1 | 1370.4 | 1545.4 | 1741.9 | 1966.4 | 2143.9 | 2266.1 | 2380.8 | 2610.3 | 2835.7 |
| 65°   | 1229.2 | 1331.6 | 1448.0 | 1601.5 | 1793.9 | 2010.2 | 2093.5 | 2118.3 | 2191.8 | 2410.5 | 2634.3 |
| 67.5° | 1348.9 | 1470.3 | 1536.3 | 1634.5 | 1814.5 | 2022.5 | 2033.3 | 1926.8 | 1925.1 | 2138.1 | 2299.9 |
| 70°   | 1464.5 | 1640.3 | 1666.7 | 1721.2 | 1844.2 | 2009.3 | 1970.5 | 1765.0 | 1671.7 | 1700.6 | 1794.7 |
| 72.5° | 1388.5 | 1651.9 | 1670.9 | 1687.4 | 1760.8 | 1914.4 | 1869.8 | 1592.4 | 1383.6 | 1346.4 | 1452.9 |
| 75°   | 1060.0 | 1394.3 | 1438.9 | 1410.0 | 1450.4 | 1567.7 | 1559.4 | 1342.3 | 1271.3 | 1296.1 | 1337.4 |
| 77.5° | 762.8  | 1074.8 | 1171.4 | 1077.3 | 1066.6 | 1142.5 | 1121.1 | 1139.2 | 1273.8 | 1310.1 | 1300.2 |
| 80°   | 442.5  | 682.7  | 820.6  | 730.6  | 698.4  | 746.3  | 830.5  | 957.6  | 1104.6 | 1183.0 | 1197.8 |
| 82.5° | 276.6  | 402.9  | 548.1  | 513.5  | 469.7  | 553.9  | 684.4  | 773.5  | 846.2  | 918.0  | 922.1  |
| 85°   | 119.7  | 172.5  | 267.5  | 280.7  | 347.5  | 422.7  | 526.7  | 552.3  | 631.5  | 686.8  | 639.0  |
| 87.5° | 4.1    | 4.1    | 64.4   | 95.8   | 170.1  | 305.4  | 413.6  | 369.8  | 374.8  | 328.6  | 306.3  |
| 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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**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 535.8  | 535.8  | 535.8  | 535.8  | 535.8  | 535.8  | 535.8  | 535.8  | 535.8  | 535.8  | 535.8  |
| 2.5°  | 544.8  | 543.2  | 544.0  | 541.5  | 541.5  | 542.4  | 542.4  | 539.9  | 539.9  | 539.9  | 539.1  |
| 5°    | 563.8  | 562.2  | 561.4  | 559.7  | 557.2  | 558.9  | 556.4  | 554.8  | 552.3  | 551.5  | 549.0  |
| 7.5°  | 588.6  | 586.1  | 585.3  | 581.2  | 577.9  | 576.2  | 574.6  | 568.8  | 566.3  | 564.7  | 561.4  |
| 10°   | 617.5  | 617.5  | 615.8  | 607.6  | 605.1  | 599.3  | 593.6  | 586.9  | 582.0  | 574.6  | 570.4  |
| 12.5° | 654.6  | 657.1  | 651.3  | 643.9  | 638.1  | 626.6  | 615.8  | 606.8  | 596.9  | 586.1  | 579.5  |
| 15°   | 710.0  | 711.6  | 700.0  | 693.4  | 684.4  | 671.2  | 654.6  | 639.8  | 624.9  | 610.1  | 597.7  |
| 17.5° | 791.7  | 789.2  | 772.7  | 766.1  | 750.4  | 728.1  | 705.8  | 686.0  | 663.7  | 643.1  | 627.4  |
| 20°   | 909.7  | 899.8  | 856.9  | 854.4  | 834.6  | 803.2  | 771.0  | 742.1  | 712.4  | 686.0  | 659.6  |
| 22.5° | 1053.4 | 1031.1 | 999.7  | 964.2  | 926.2  | 891.6  | 853.6  | 813.1  | 776.0  | 743.0  | 714.1  |
| 25°   | 1240.8 | 1191.2 | 1162.3 | 1114.5 | 1081.4 | 1020.3 | 967.5  | 935.3  | 885.0  | 847.0  | 809.8  |
| 27.5° | 1490.9 | 1412.5 | 1370.4 | 1318.4 | 1244.9 | 1202.0 | 1130.1 | 1068.2 | 1014.6 | 951.8  | 910.6  |
| 30°   | 1815.3 | 1757.5 | 1651.9 | 1579.2 | 1477.7 | 1373.7 | 1285.3 | 1204.4 | 1134.3 | 1059.1 | 998.1  |
| 32.5° | 2148.8 | 2112.5 | 1988.7 | 1853.3 | 1698.9 | 1546.2 | 1416.6 | 1316.7 | 1225.1 | 1140.9 | 1070.7 |
| 35°   | 2432.0 | 2356.9 | 2235.5 | 2093.5 | 1895.4 | 1718.7 | 1554.5 | 1427.3 | 1313.4 | 1208.6 | 1120.2 |
| 37.5° | 2614.4 | 2581.4 | 2458.4 | 2297.4 | 2080.3 | 1889.6 | 1719.6 | 1569.3 | 1427.3 | 1290.3 | 1176.4 |
| 40°   | 2817.5 | 2798.5 | 2695.3 | 2498.0 | 2297.4 | 2063.8 | 1869.8 | 1711.3 | 1558.6 | 1395.1 | 1245.7 |
| 42.5° | 2999.1 | 3016.5 | 2910.8 | 2737.4 | 2505.5 | 2242.1 | 2035.7 | 1859.9 | 1685.7 | 1519.0 | 1346.4 |
| 45°   | 3161.8 | 3193.1 | 3115.5 | 2954.6 | 2700.3 | 2412.2 | 2196.7 | 2005.2 | 1815.3 | 1632.9 | 1440.5 |
| 47.5° | 3283.9 | 3317.8 | 3252.6 | 3126.3 | 2861.3 | 2554.2 | 2337.9 | 2123.3 | 1924.3 | 1714.6 | 1510.7 |
| 50°   | 3386.3 | 3406.1 | 3356.6 | 3246.0 | 2991.7 | 2692.0 | 2451.0 | 2225.6 | 2005.2 | 1779.0 | 1556.1 |
| 52.5° | 3445.7 | 3457.3 | 3408.6 | 3328.5 | 3090.8 | 2794.4 | 2539.3 | 2296.6 | 2062.2 | 1823.6 | 1585.8 |
| 55°   | 3442.4 | 3482.9 | 3427.6 | 3363.2 | 3121.3 | 2843.1 | 2585.5 | 2337.1 | 2104.3 | 1852.5 | 1603.2 |
| 57.5° | 3378.0 | 3437.5 | 3411.9 | 3331.8 | 3095.7 | 2839.8 | 2592.1 | 2360.2 | 2131.5 | 1862.4 | 1594.9 |
| 60°   | 3254.2 | 3335.9 | 3354.1 | 3240.2 | 2993.4 | 2749.0 | 2529.4 | 2333.8 | 2105.9 | 1818.6 | 1544.6 |
| 62.5° | 3079.2 | 3145.2 | 3192.3 | 3037.1 | 2792.8 | 2560.8 | 2389.1 | 2234.7 | 2002.7 | 1689.0 | 1440.5 |
| 65°   | 2815.0 | 2845.6 | 2858.8 | 2715.2 | 2475.7 | 2321.4 | 2209.1 | 2076.2 | 1818.6 | 1504.9 | 1279.6 |
| 67.5° | 2422.1 | 2418.0 | 2431.2 | 2364.3 | 2187.6 | 2106.7 | 2032.4 | 1888.0 | 1587.5 | 1294.4 | 1069.9 |
| 70°   | 1925.9 | 2011.8 | 2084.5 | 2013.5 | 1903.7 | 1822.8 | 1760.8 | 1590.0 | 1268.0 | 999.7  | 813.1  |
| 72.5° | 1567.7 | 1637.8 | 1677.5 | 1615.6 | 1509.1 | 1451.3 | 1369.5 | 1199.5 | 892.4  | 710.8  | 558.1  |
| 75°   | 1324.1 | 1273.0 | 1296.9 | 1258.1 | 1159.9 | 1076.5 | 1029.4 | 842.0  | 585.3  | 470.5  | 347.5  |
| 77.5° | 1196.2 | 1114.5 | 1062.5 | 979.1  | 866.8  | 771.9  | 724.0  | 523.4  | 369.0  | 277.4  | 200.6  |
| 80°   | 1057.5 | 944.4  | 809.0  | 674.5  | 577.9  | 519.3  | 486.2  | 298.8  | 203.1  | 161.0  | 115.6  |
| 82.5° | 804.1  | 697.6  | 566.3  | 468.9  | 385.5  | 336.0  | 298.0  | 170.9  | 114.7  | 85.0   | 66.0   |
| 85°   | 515.1  | 474.7  | 433.4  | 385.5  | 322.8  | 259.2  | 199.8  | 124.7  | 84.2   | 48.7   | 36.3   |
| 87.5° | 248.5  | 206.4  | 204.7  | 189.0  | 180.0  | 142.0  | 84.2   | 28.9   | 18.2   | 15.7   | 9.9    |
| 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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**CANDELA DISTRIBUTION (continued):**

|       | 110°   | 115°   | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 535.8  | 535.8  | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 |
| 2.5°  | 537.4  | 536.6  | 534.9 | 534.9 | 534.1 | 533.3 | 532.5 | 532.5 | 533.3 | 531.6 | 530.8 |
| 5°    | 546.5  | 545.7  | 543.2 | 542.4 | 541.5 | 539.9 | 539.9 | 539.1 | 539.1 | 537.4 | 536.6 |
| 7.5°  | 557.2  | 555.6  | 553.9 | 553.1 | 550.6 | 550.6 | 550.6 | 552.3 | 552.3 | 552.3 | 553.1 |
| 10°   | 568.0  | 563.8  | 562.2 | 562.2 | 561.4 | 562.2 | 564.7 | 566.3 | 568.8 | 570.4 | 572.1 |
| 12.5° | 573.7  | 569.6  | 568.0 | 566.3 | 568.8 | 568.8 | 572.9 | 577.9 | 582.0 | 586.1 | 587.8 |
| 15°   | 588.6  | 581.2  | 577.9 | 573.7 | 573.7 | 573.7 | 577.9 | 582.0 | 586.9 | 591.9 | 592.7 |
| 17.5° | 614.2  | 601.0  | 594.4 | 585.3 | 582.8 | 579.5 | 579.5 | 581.2 | 584.5 | 588.6 | 588.6 |
| 20°   | 639.8  | 626.6  | 615.8 | 605.9 | 599.3 | 590.3 | 583.6 | 577.9 | 575.4 | 577.0 | 577.0 |
| 22.5° | 686.0  | 670.3  | 657.1 | 640.6 | 625.7 | 614.2 | 597.7 | 583.6 | 572.9 | 569.6 | 567.1 |
| 25°   | 769.4  | 747.1  | 724.8 | 700.0 | 683.5 | 662.1 | 639.0 | 615.8 | 594.4 | 579.5 | 566.3 |
| 27.5° | 861.8  | 831.3  | 799.1 | 760.3 | 733.9 | 701.7 | 671.2 | 638.1 | 611.7 | 589.4 | 565.5 |
| 30°   | 950.2  | 893.2  | 847.0 | 798.3 | 755.4 | 711.6 | 673.6 | 634.8 | 605.9 | 579.5 | 550.6 |
| 32.5° | 993.9  | 926.2  | 863.5 | 802.4 | 750.4 | 700.0 | 658.8 | 615.0 | 584.5 | 554.8 | 520.1 |
| 35°   | 1024.5 | 943.6  | 868.5 | 797.5 | 738.8 | 683.5 | 636.5 | 591.1 | 554.8 | 520.9 | 481.3 |
| 37.5° | 1062.5 | 960.9  | 872.6 | 793.3 | 724.8 | 662.1 | 609.2 | 558.1 | 516.8 | 480.5 | 439.2 |
| 40°   | 1112.0 | 987.3  | 877.5 | 781.8 | 703.3 | 632.4 | 577.9 | 522.6 | 478.8 | 440.0 | 402.0 |
| 42.5° | 1180.5 | 1023.7 | 883.3 | 767.7 | 679.4 | 605.1 | 549.0 | 495.3 | 449.1 | 407.8 | 369.8 |
| 45°   | 1248.2 | 1065.8 | 898.2 | 763.6 | 663.7 | 587.8 | 528.3 | 471.4 | 422.7 | 378.9 | 335.2 |
| 47.5° | 1298.6 | 1097.1 | 913.9 | 766.1 | 654.6 | 569.6 | 506.0 | 442.5 | 388.0 | 340.1 | 295.5 |
| 50°   | 1330.7 | 1116.9 | 927.9 | 772.7 | 646.4 | 545.7 | 470.5 | 406.2 | 350.0 | 303.0 | 258.4 |
| 52.5° | 1347.3 | 1122.7 | 932.8 | 770.2 | 624.9 | 507.7 | 432.6 | 370.7 | 317.0 | 270.8 | 231.1 |
| 55°   | 1352.2 | 1116.9 | 922.1 | 747.1 | 587.8 | 469.7 | 397.9 | 339.3 | 287.3 | 243.5 | 208.0 |
| 57.5° | 1334.9 | 1092.2 | 884.1 | 700.0 | 538.2 | 433.4 | 360.8 | 303.8 | 254.3 | 215.5 | 183.3 |
| 60°   | 1278.7 | 1035.2 | 817.3 | 626.6 | 482.9 | 384.7 | 312.0 | 255.9 | 215.5 | 181.6 | 159.3 |
| 62.5° | 1176.4 | 938.6  | 726.5 | 534.9 | 407.0 | 317.8 | 249.3 | 200.6 | 167.6 | 143.6 | 132.1 |
| 65°   | 1048.4 | 806.5  | 590.3 | 425.1 | 311.2 | 236.9 | 179.1 | 146.9 | 123.8 | 109.8 | 104.0 |
| 67.5° | 856.9  | 630.7  | 441.7 | 303.0 | 214.6 | 161.0 | 121.4 | 104.0 | 94.1  | 90.0  | 88.3  |
| 70°   | 616.7  | 437.5  | 292.2 | 196.5 | 139.5 | 109.8 | 88.3  | 80.9  | 76.8  | 76.8  | 77.6  |
| 72.5° | 406.2  | 269.9  | 178.3 | 125.5 | 99.1  | 82.6  | 71.8  | 68.5  | 68.5  | 70.2  | 71.0  |
| 75°   | 237.8  | 156.8  | 109.8 | 91.6  | 78.4  | 69.3  | 63.6  | 61.1  | 61.1  | 61.9  | 61.9  |
| 77.5° | 140.3  | 96.6   | 78.4  | 69.3  | 63.6  | 59.4  | 56.1  | 52.8  | 52.0  | 52.0  | 54.5  |
| 80°   | 86.7   | 68.5   | 61.1  | 55.3  | 51.2  | 47.9  | 44.6  | 44.6  | 44.6  | 43.8  | 45.4  |
| 82.5° | 56.1   | 48.7   | 47.9  | 46.2  | 41.3  | 38.0  | 34.7  | 34.7  | 36.3  | 34.7  | 35.5  |
| 85°   | 33.8   | 32.2   | 31.4  | 31.4  | 29.7  | 28.1  | 25.6  | 25.6  | 28.1  | 27.2  | 23.9  |
| 87.5° | 9.1    | 8.3    | 10.7  | 9.9   | 11.6  | 11.6  | 11.6  | 13.2  | 17.3  | 22.3  | 16.5  |
| 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: ENV-F02-LED-E1-SLL

**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 |
| 2.5°  | 530.0 | 530.8 | 529.2 | 528.3 | 529.2 | 530.0 | 527.5 | 526.7 | 525.9 | 525.0 | 525.9 |
| 5°    | 535.8 | 535.8 | 533.3 | 531.6 | 531.6 | 530.8 | 528.3 | 527.5 | 524.2 | 523.4 | 525.9 |
| 7.5°  | 552.3 | 551.5 | 549.0 | 546.5 | 545.7 | 545.7 | 539.9 | 537.4 | 535.8 | 530.8 | 531.6 |
| 10°   | 571.3 | 571.3 | 572.1 | 568.8 | 564.7 | 563.8 | 557.2 | 553.1 | 550.6 | 546.5 | 544.8 |
| 12.5° | 586.1 | 583.6 | 582.8 | 577.9 | 573.7 | 572.1 | 566.3 | 563.0 | 559.7 | 555.6 | 554.8 |
| 15°   | 591.1 | 586.1 | 582.8 | 577.0 | 572.1 | 568.8 | 563.8 | 560.5 | 556.4 | 553.9 | 552.3 |
| 17.5° | 586.1 | 581.2 | 576.2 | 569.6 | 563.0 | 558.9 | 553.1 | 548.1 | 546.5 | 543.2 | 538.2 |
| 20°   | 575.4 | 569.6 | 563.8 | 555.6 | 548.1 | 542.4 | 535.8 | 531.6 | 526.7 | 521.7 | 511.8 |
| 22.5° | 562.2 | 555.6 | 549.8 | 539.1 | 531.6 | 525.0 | 517.6 | 511.0 | 505.2 | 495.3 | 480.5 |
| 25°   | 553.1 | 539.1 | 529.2 | 514.3 | 506.0 | 497.8 | 494.5 | 487.9 | 479.6 | 462.3 | 444.1 |
| 27.5° | 539.9 | 514.3 | 496.1 | 481.3 | 469.7 | 459.8 | 454.0 | 446.6 | 438.4 | 421.8 | 402.9 |
| 30°   | 517.6 | 487.9 | 470.5 | 454.9 | 441.7 | 430.9 | 420.2 | 406.2 | 395.4 | 376.4 | 363.2 |
| 32.5° | 483.8 | 459.0 | 443.3 | 428.4 | 411.1 | 397.1 | 383.9 | 367.4 | 351.7 | 332.7 | 321.1 |
| 35°   | 445.8 | 423.5 | 403.7 | 388.0 | 369.8 | 355.8 | 341.8 | 322.8 | 307.9 | 290.6 | 279.9 |
| 37.5° | 406.2 | 382.2 | 359.1 | 340.9 | 324.4 | 308.7 | 296.4 | 278.2 | 262.5 | 246.0 | 240.2 |
| 40°   | 370.7 | 343.4 | 318.7 | 300.5 | 282.3 | 266.6 | 253.4 | 234.4 | 221.2 | 209.7 | 203.1 |
| 42.5° | 336.0 | 307.1 | 284.0 | 265.0 | 246.8 | 230.3 | 213.0 | 198.1 | 186.6 | 181.6 | 172.5 |
| 45°   | 297.2 | 267.5 | 245.2 | 224.5 | 209.7 | 192.3 | 179.1 | 169.2 | 161.8 | 157.7 | 151.9 |
| 47.5° | 257.6 | 232.8 | 209.7 | 190.7 | 172.5 | 157.7 | 149.4 | 144.5 | 142.0 | 138.7 | 136.2 |
| 50°   | 225.4 | 203.9 | 180.8 | 162.6 | 146.1 | 135.4 | 131.3 | 128.8 | 127.1 | 125.5 | 124.7 |
| 52.5° | 203.1 | 180.0 | 159.3 | 142.0 | 129.6 | 123.8 | 122.2 | 120.5 | 118.9 | 118.1 | 117.2 |
| 55°   | 185.7 | 162.6 | 143.6 | 128.8 | 119.7 | 118.1 | 117.2 | 115.6 | 113.9 | 113.9 | 112.3 |
| 57.5° | 165.1 | 145.3 | 128.8 | 118.1 | 113.1 | 112.3 | 111.4 | 110.6 | 109.8 | 109.8 | 109.0 |
| 60°   | 143.6 | 128.8 | 118.1 | 110.6 | 109.0 | 107.3 | 105.7 | 104.0 | 103.2 | 104.8 | 105.7 |
| 62.5° | 122.2 | 113.1 | 106.5 | 104.0 | 102.4 | 99.9  | 98.2  | 96.6  | 96.6  | 98.2  | 100.7 |
| 65°   | 101.5 | 98.2  | 96.6  | 94.9  | 94.1  | 93.3  | 91.6  | 90.0  | 90.0  | 90.0  | 91.6  |
| 67.5° | 87.5  | 85.9  | 85.9  | 85.0  | 84.2  | 84.2  | 82.6  | 80.9  | 80.9  | 80.9  | 80.9  |
| 70°   | 76.8  | 77.6  | 77.6  | 77.6  | 76.8  | 75.9  | 75.1  | 73.5  | 72.6  | 71.0  | 69.3  |
| 72.5° | 71.0  | 70.2  | 69.3  | 68.5  | 67.7  | 66.9  | 66.0  | 65.2  | 63.6  | 61.9  | 60.3  |
| 75°   | 63.6  | 61.9  | 59.4  | 58.6  | 57.8  | 56.1  | 56.1  | 55.3  | 53.7  | 51.2  | 49.5  |
| 77.5° | 55.3  | 53.7  | 51.2  | 49.5  | 49.5  | 48.7  | 47.1  | 46.2  | 43.8  | 41.3  | 39.6  |
| 80°   | 44.6  | 42.1  | 39.6  | 38.8  | 38.0  | 37.1  | 36.3  | 35.5  | 34.7  | 32.2  | 31.4  |
| 82.5° | 33.0  | 30.5  | 28.1  | 27.2  | 26.4  | 24.8  | 23.9  | 23.9  | 23.9  | 21.5  | 19.8  |
| 85°   | 21.5  | 18.2  | 15.7  | 13.2  | 13.2  | 12.4  | 10.7  | 9.1   | 7.4   | 5.0   | 3.3   |
| 87.5° | 10.7  | 5.8   | 3.3   | 0.8   | 0.8   | 0.8   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 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: ENV-F02-LED-E1-SLL

**CANDELA DISTRIBUTION (continued):**

|       | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 |
| 2.5°  | 525.9 | 525.0 | 525.9 | 526.7 | 530.0 | 531.6 | 532.5 | 532.5 | 533.3 | 534.9 | 535.8 |
| 5°    | 525.9 | 520.9 | 520.9 | 522.6 | 524.2 | 526.7 | 527.5 | 527.5 | 528.3 | 530.8 | 533.3 |
| 7.5°  | 528.3 | 524.2 | 521.7 | 520.9 | 521.7 | 523.4 | 523.4 | 523.4 | 524.2 | 526.7 | 529.2 |
| 10°   | 539.1 | 532.5 | 528.3 | 523.4 | 520.1 | 519.3 | 518.4 | 518.4 | 520.1 | 523.4 | 525.9 |
| 12.5° | 548.1 | 540.7 | 534.1 | 527.5 | 520.9 | 516.8 | 513.5 | 511.8 | 512.7 | 516.0 | 520.9 |
| 15°   | 547.3 | 536.6 | 529.2 | 519.3 | 511.8 | 506.0 | 501.1 | 499.4 | 500.3 | 502.7 | 508.5 |
| 17.5° | 530.0 | 517.6 | 507.7 | 497.0 | 488.7 | 484.6 | 482.1 | 481.3 | 482.9 | 487.9 | 492.8 |
| 20°   | 501.1 | 484.6 | 477.2 | 471.4 | 463.9 | 461.5 | 456.5 | 456.5 | 455.7 | 455.7 | 458.2 |
| 22.5° | 463.9 | 448.3 | 443.3 | 440.0 | 432.6 | 426.8 | 421.0 | 420.2 | 414.4 | 415.2 | 414.4 |
| 25°   | 427.6 | 409.5 | 404.5 | 400.4 | 391.3 | 383.0 | 376.4 | 372.3 | 365.7 | 364.9 | 362.4 |
| 27.5° | 387.2 | 371.5 | 365.7 | 359.1 | 348.4 | 340.1 | 331.9 | 326.1 | 320.3 | 314.5 | 312.9 |
| 30°   | 345.9 | 331.9 | 326.1 | 320.3 | 307.9 | 300.5 | 288.9 | 280.7 | 275.7 | 267.5 | 263.3 |
| 32.5° | 306.3 | 293.1 | 287.3 | 280.7 | 266.6 | 252.6 | 244.4 | 234.4 | 227.0 | 216.3 | 211.3 |
| 35°   | 266.6 | 253.4 | 244.4 | 240.2 | 226.2 | 211.3 | 203.9 | 190.7 | 181.6 | 172.5 | 170.9 |
| 37.5° | 228.7 | 216.3 | 209.7 | 200.6 | 189.9 | 178.3 | 165.9 | 158.5 | 154.4 | 152.7 | 151.9 |
| 40°   | 193.2 | 184.1 | 177.5 | 171.7 | 161.8 | 153.5 | 147.8 | 146.1 | 146.1 | 146.1 | 146.9 |
| 42.5° | 167.6 | 159.3 | 156.0 | 148.6 | 143.6 | 141.2 | 141.2 | 142.0 | 142.8 | 144.5 | 146.1 |
| 45°   | 146.9 | 140.3 | 137.9 | 135.4 | 135.4 | 134.6 | 136.2 | 137.9 | 140.3 | 142.8 | 144.5 |
| 47.5° | 132.1 | 127.1 | 125.5 | 126.3 | 128.0 | 128.8 | 132.1 | 134.6 | 137.0 | 138.7 | 140.3 |
| 50°   | 121.4 | 117.2 | 115.6 | 116.4 | 118.1 | 120.5 | 123.0 | 126.3 | 128.8 | 130.4 | 131.3 |
| 52.5° | 114.7 | 111.4 | 109.8 | 109.8 | 112.3 | 114.7 | 118.1 | 120.5 | 123.0 | 123.8 | 125.5 |
| 55°   | 109.8 | 107.3 | 104.8 | 105.7 | 108.1 | 109.8 | 111.4 | 113.1 | 114.7 | 115.6 | 118.9 |
| 57.5° | 106.5 | 103.2 | 101.5 | 102.4 | 103.2 | 101.5 | 103.2 | 104.8 | 106.5 | 108.1 | 109.8 |
| 60°   | 102.4 | 99.9  | 97.4  | 95.8  | 94.1  | 94.1  | 94.9  | 96.6  | 99.9  | 102.4 | 104.8 |
| 62.5° | 98.2  | 94.9  | 92.5  | 90.0  | 87.5  | 86.7  | 87.5  | 89.2  | 92.5  | 95.8  | 97.4  |
| 65°   | 90.8  | 86.7  | 84.2  | 83.4  | 82.6  | 81.7  | 82.6  | 84.2  | 87.5  | 90.0  | 92.5  |
| 67.5° | 80.1  | 76.8  | 75.9  | 75.1  | 74.3  | 75.1  | 75.9  | 77.6  | 80.9  | 83.4  | 85.9  |
| 70°   | 67.7  | 66.9  | 66.0  | 66.0  | 66.0  | 66.9  | 67.7  | 71.0  | 73.5  | 76.8  | 77.6  |
| 72.5° | 57.0  | 56.1  | 55.3  | 57.0  | 57.0  | 57.0  | 58.6  | 62.7  | 66.0  | 69.3  | 71.0  |
| 75°   | 47.9  | 47.9  | 47.1  | 46.2  | 47.9  | 47.9  | 49.5  | 52.8  | 55.3  | 57.8  | 58.6  |
| 77.5° | 39.6  | 38.8  | 38.0  | 38.0  | 38.8  | 38.8  | 38.8  | 40.5  | 42.1  | 42.1  | 42.1  |
| 80°   | 30.5  | 28.9  | 28.1  | 27.2  | 26.4  | 24.8  | 24.8  | 25.6  | 25.6  | 25.6  | 27.2  |
| 82.5° | 17.3  | 16.5  | 13.2  | 10.7  | 10.7  | 9.9   | 9.1   | 9.1   | 9.1   | 10.7  | 11.6  |
| 85°   | 2.5   | 1.7   | 0.8   | 0.8   | 0.8   | 0.8   | 0.8   | 0.8   | 0.8   | 1.7   | 1.7   |
| 87.5° | 0.0   | 0.0   | 0.0   | 0.8   | 0.8   | 0.8   | 1.7   | 1.7   | 1.7   | 2.5   | 2.5   |
| 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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REPORT N  
CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

|       | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 0°    |
| 2.5°  | 534.9 | 536.6 | 536.6 | 538.2 | 538.2 | 539.1 | 540.7 | 540.7 | 542.4 | 542.4 | 544.0 | 2.5°  |
| 5°    | 533.3 | 534.9 | 535.8 | 538.2 | 539.9 | 541.5 | 544.0 | 544.8 | 548.1 | 549.8 | 551.5 | 5°    |
| 7.5°  | 530.8 | 534.1 | 535.8 | 539.1 | 542.4 | 544.8 | 548.1 | 550.6 | 554.8 | 557.2 | 559.7 | 7.5°  |
| 10°   | 528.3 | 533.3 | 536.6 | 542.4 | 546.5 | 550.6 | 556.4 | 558.9 | 562.2 | 568.0 | 572.1 | 10°   |
| 12.5° | 525.9 | 530.8 | 536.6 | 542.4 | 552.3 | 558.1 | 565.5 | 572.1 | 576.2 | 584.5 | 591.1 | 12.5° |
| 15°   | 513.5 | 518.4 | 526.7 | 534.9 | 544.0 | 556.4 | 565.5 | 577.9 | 588.6 | 602.6 | 614.2 | 15°   |
| 17.5° | 495.3 | 500.3 | 506.9 | 514.3 | 524.2 | 535.8 | 551.5 | 567.1 | 583.6 | 607.6 | 630.7 | 17.5° |
| 20°   | 460.6 | 462.3 | 468.9 | 477.2 | 487.9 | 501.1 | 519.3 | 539.1 | 563.0 | 594.4 | 627.4 | 20°   |
| 22.5° | 411.9 | 411.1 | 414.4 | 423.5 | 435.1 | 446.6 | 466.4 | 488.7 | 516.0 | 554.8 | 602.6 | 22.5° |
| 25°   | 356.6 | 359.9 | 357.5 | 368.2 | 378.9 | 394.6 | 413.6 | 437.5 | 468.1 | 514.3 | 565.5 | 25°   |
| 27.5° | 305.4 | 307.9 | 311.2 | 316.2 | 325.3 | 341.8 | 362.4 | 388.8 | 424.3 | 473.9 | 532.5 | 27.5° |
| 30°   | 256.7 | 255.9 | 258.4 | 262.5 | 269.9 | 288.9 | 307.9 | 340.9 | 376.4 | 428.4 | 493.7 | 30°   |
| 32.5° | 206.4 | 205.6 | 206.4 | 210.5 | 220.4 | 234.4 | 257.6 | 287.3 | 328.6 | 379.7 | 449.1 | 32.5° |
| 35°   | 169.2 | 166.8 | 169.2 | 175.0 | 180.8 | 192.3 | 214.6 | 243.5 | 280.7 | 331.0 | 391.3 | 35°   |
| 37.5° | 152.7 | 152.7 | 155.2 | 159.3 | 165.1 | 174.2 | 189.9 | 210.5 | 243.5 | 292.2 | 343.4 | 37.5° |
| 40°   | 147.8 | 148.6 | 150.2 | 153.5 | 159.3 | 167.6 | 179.1 | 197.3 | 222.9 | 260.0 | 303.8 | 40°   |
| 42.5° | 146.9 | 146.9 | 146.9 | 148.6 | 153.5 | 161.8 | 175.0 | 191.5 | 213.0 | 239.4 | 276.6 | 42.5° |
| 45°   | 145.3 | 144.5 | 144.5 | 144.5 | 148.6 | 157.7 | 171.7 | 189.9 | 209.7 | 232.8 | 261.7 | 45°   |
| 47.5° | 141.2 | 140.3 | 140.3 | 140.3 | 143.6 | 151.9 | 165.9 | 186.6 | 208.0 | 232.8 | 261.7 | 47.5° |
| 50°   | 132.1 | 132.9 | 132.9 | 133.7 | 136.2 | 144.5 | 159.3 | 180.8 | 204.7 | 232.0 | 265.0 | 50°   |
| 52.5° | 126.3 | 128.0 | 128.8 | 130.4 | 132.1 | 139.5 | 155.2 | 179.1 | 204.7 | 234.4 | 269.9 | 52.5° |
| 55°   | 120.5 | 123.8 | 126.3 | 128.0 | 129.6 | 136.2 | 154.4 | 181.6 | 211.3 | 246.0 | 284.8 | 55°   |
| 57.5° | 111.4 | 114.7 | 117.2 | 121.4 | 125.5 | 132.9 | 151.9 | 182.4 | 219.6 | 262.5 | 311.2 | 57.5° |
| 60°   | 106.5 | 108.1 | 109.0 | 111.4 | 113.9 | 123.0 | 143.6 | 176.7 | 217.1 | 269.9 | 334.3 | 60°   |
| 62.5° | 99.9  | 101.5 | 103.2 | 104.0 | 104.8 | 110.6 | 128.0 | 162.6 | 204.7 | 261.7 | 338.5 | 62.5° |
| 65°   | 94.1  | 95.8  | 98.2  | 99.1  | 100.7 | 104.0 | 115.6 | 143.6 | 184.9 | 246.0 | 326.1 | 65°   |
| 67.5° | 87.5  | 90.0  | 91.6  | 92.5  | 94.9  | 96.6  | 104.8 | 127.1 | 158.5 | 217.9 | 295.5 | 67.5° |
| 70°   | 80.1  | 83.4  | 84.2  | 85.9  | 87.5  | 88.3  | 94.9  | 109.0 | 132.1 | 173.4 | 246.8 | 70°   |
| 72.5° | 72.6  | 74.3  | 75.1  | 76.8  | 78.4  | 80.1  | 84.2  | 94.1  | 109.0 | 132.9 | 179.1 | 72.5° |
| 75°   | 61.1  | 63.6  | 65.2  | 66.0  | 67.7  | 68.5  | 70.2  | 76.8  | 85.9  | 102.4 | 127.1 | 75°   |
| 77.5° | 45.4  | 47.9  | 50.4  | 52.8  | 54.5  | 54.5  | 56.1  | 59.4  | 64.4  | 75.9  | 90.8  | 77.5° |
| 80°   | 28.9  | 31.4  | 33.0  | 34.7  | 35.5  | 38.0  | 39.6  | 45.4  | 47.1  | 55.3  | 64.4  | 80°   |
| 82.5° | 13.2  | 15.7  | 16.5  | 18.2  | 20.6  | 22.3  | 23.1  | 24.8  | 28.9  | 33.0  | 39.6  | 82.5° |
| 85°   | 2.5   | 2.5   | 2.5   | 3.3   | 3.3   | 5.0   | 5.0   | 6.6   | 8.3   | 9.1   | 10.7  | 85°   |
| 87.5° | 2.5   | 3.3   | 3.3   | 3.3   | 4.1   | 4.1   | 4.1   | 4.1   | 5.0   | 5.0   | 5.0   | 87.5° |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 90°   |

NUMBER: P139995

NUMBER: ENV-F02-LED-E1-SLL

**DISTRIBUTION (continued):**

| 330°  | 335°  | 340°  | 345°  | 350°   | 355°   | 360°   |
|-------|-------|-------|-------|--------|--------|--------|
| 535.8 | 535.8 | 535.8 | 535.8 | 535.8  | 535.8  | 535.8  |
| 544.8 | 544.0 | 545.7 | 547.3 | 546.5  | 551.5  | 547.3  |
| 553.9 | 553.1 | 555.6 | 557.2 | 558.1  | 561.4  | 560.5  |
| 563.0 | 563.8 | 568.0 | 568.8 | 571.3  | 575.4  | 576.2  |
| 573.7 | 577.9 | 582.8 | 584.5 | 588.6  | 593.6  | 600.2  |
| 595.2 | 601.0 | 607.6 | 612.5 | 620.8  | 630.7  | 634.8  |
| 624.9 | 639.0 | 649.7 | 659.6 | 672.0  | 683.5  | 696.7  |
| 651.3 | 678.6 | 701.7 | 722.3 | 742.1  | 760.3  | 776.8  |
| 663.7 | 706.6 | 743.0 | 780.9 | 818.9  | 844.5  | 875.1  |
| 652.2 | 712.4 | 768.6 | 829.7 | 887.4  | 939.4  | 985.7  |
| 627.4 | 701.7 | 785.1 | 872.6 | 960.1  | 1039.3 | 1112.0 |
| 604.3 | 695.1 | 791.7 | 891.6 | 995.6  | 1090.5 | 1189.6 |
| 573.7 | 672.8 | 778.5 | 881.7 | 994.8  | 1106.2 | 1206.1 |
| 528.3 | 629.0 | 740.5 | 852.8 | 978.2  | 1102.1 | 1217.6 |
| 474.7 | 575.4 | 689.3 | 807.4 | 946.9  | 1086.4 | 1221.0 |
| 416.1 | 515.1 | 634.0 | 760.3 | 904.8  | 1060.8 | 1216.0 |
| 366.5 | 454.9 | 577.9 | 714.9 | 866.8  | 1028.6 | 1196.2 |
| 326.9 | 407.0 | 523.4 | 662.1 | 824.7  | 991.5  | 1170.6 |
| 303.8 | 370.7 | 477.2 | 615.0 | 780.9  | 952.7  | 1138.4 |
| 298.8 | 352.5 | 445.8 | 579.5 | 738.8  | 911.4  | 1098.8 |
| 303.8 | 353.3 | 431.7 | 557.2 | 706.6  | 874.2  | 1061.6 |
| 313.7 | 361.6 | 433.4 | 549.0 | 693.4  | 851.9  | 1032.7 |
| 329.4 | 383.9 | 450.7 | 556.4 | 691.8  | 842.9  | 1014.6 |
| 360.8 | 422.7 | 490.4 | 586.9 | 711.6  | 852.8  | 1017.0 |
| 400.4 | 474.7 | 556.4 | 658.8 | 759.5  | 885.8  | 1042.6 |
| 424.3 | 525.9 | 638.1 | 757.0 | 860.2  | 963.4  | 1107.0 |
| 421.8 | 547.3 | 705.8 | 875.1 | 1003.8 | 1102.9 | 1229.2 |
| 394.6 | 531.6 | 689.3 | 881.7 | 1075.7 | 1215.2 | 1348.9 |
| 329.4 | 457.3 | 641.4 | 873.4 | 1112.0 | 1291.1 | 1464.5 |
| 262.5 | 375.6 | 551.5 | 770.2 | 1005.5 | 1188.8 | 1388.5 |
| 175.0 | 265.0 | 407.0 | 591.1 | 762.0  | 921.3  | 1060.0 |
| 118.9 | 167.6 | 254.3 | 388.0 | 529.2  | 659.6  | 762.8  |
| 79.3  | 104.8 | 145.3 | 213.8 | 296.4  | 379.7  | 442.5  |
| 46.2  | 57.8  | 74.3  | 105.7 | 156.8  | 221.2  | 276.6  |
| 12.4  | 15.7  | 20.6  | 27.2  | 48.7   | 85.9   | 119.7  |
| 5.0   | 4.1   | 4.1   | 4.1   | 4.1    | 4.1    | 4.1    |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0    | 0.0    |

(END OF REPORT)