

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: STREETWORKS

Report Number: P560853

Luminaire Tested: **SDL-PA1-70-722-U-T3**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P560853  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: SDL-PA1-70-722-U-T3  
Description: Springdale  
(1) 70 CRI, 2200K, 930mA LIGHT ENGINE WITH 24 LEDS AND TYPE III OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6223.8 lumens  
Efficiency: N/A  
Efficacy: 86.2 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')  
IES Classification: Type IV - Medium  
BUG Rating: B1 - U0 - G2

Input Watts (W): 72.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

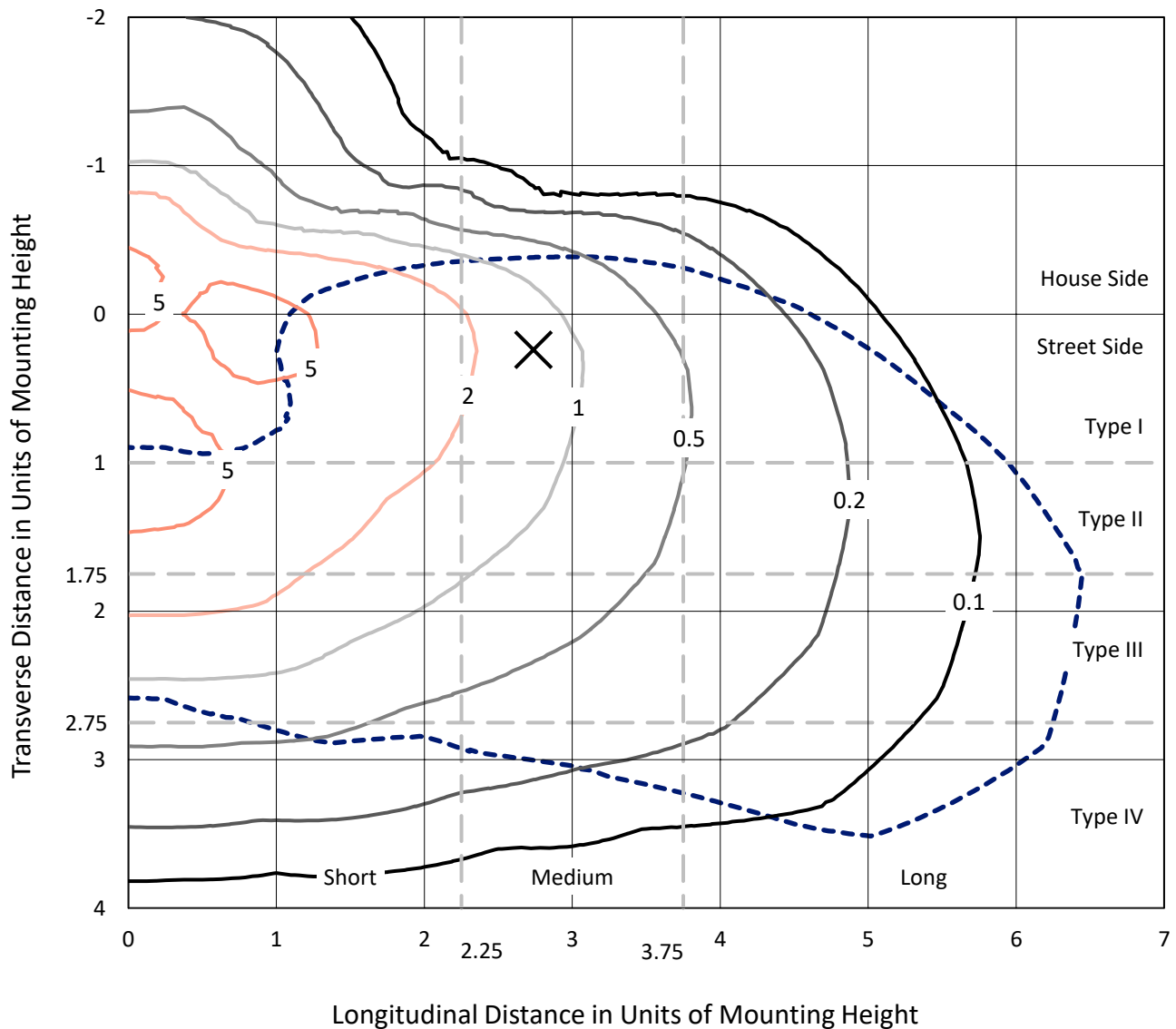


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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

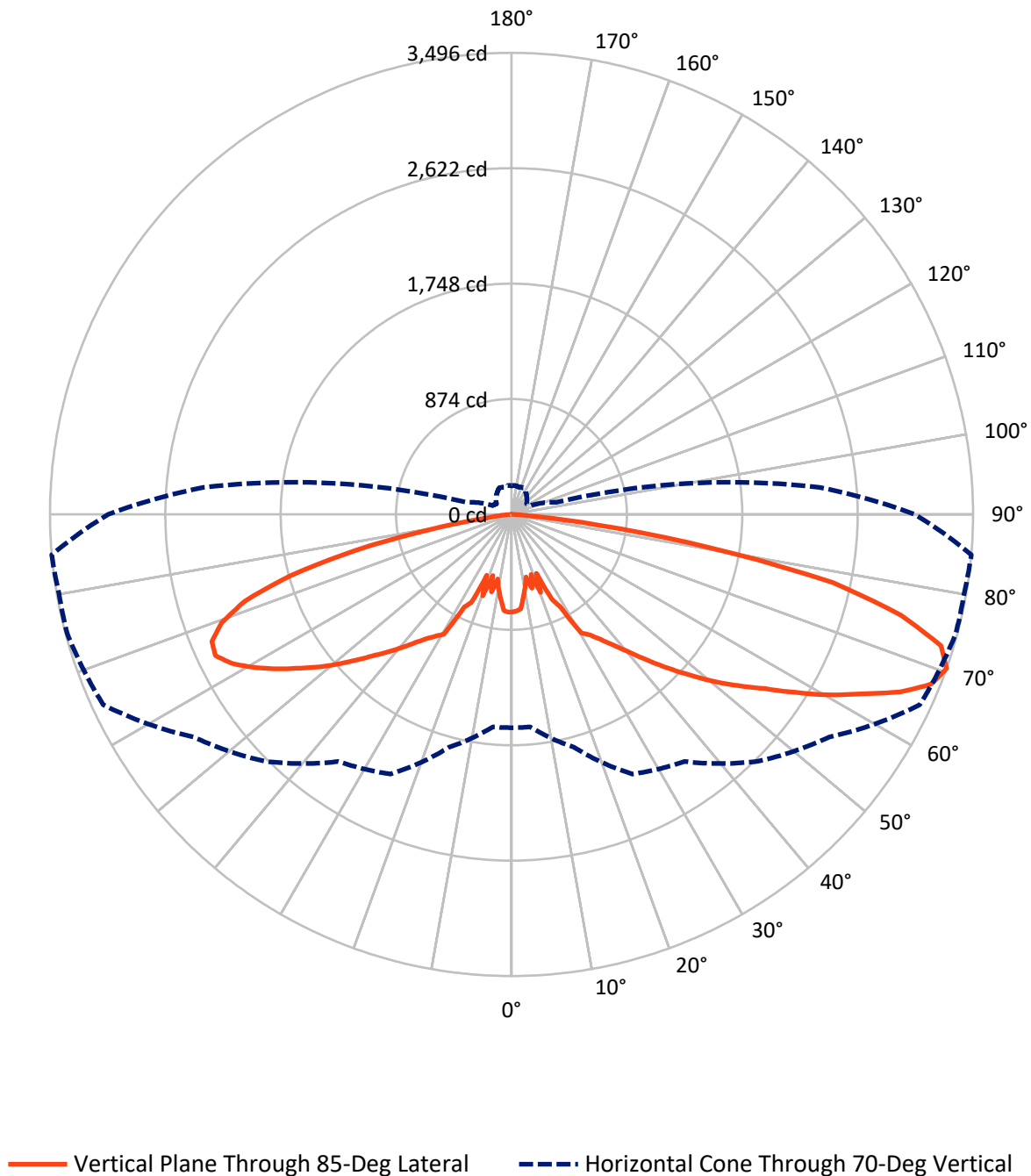


Based on 10 foot mounting height. Maximum calculated value = 7.6 fc  
 Type IV - Medium - N/A

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## Luminous Intensity Polar Plot



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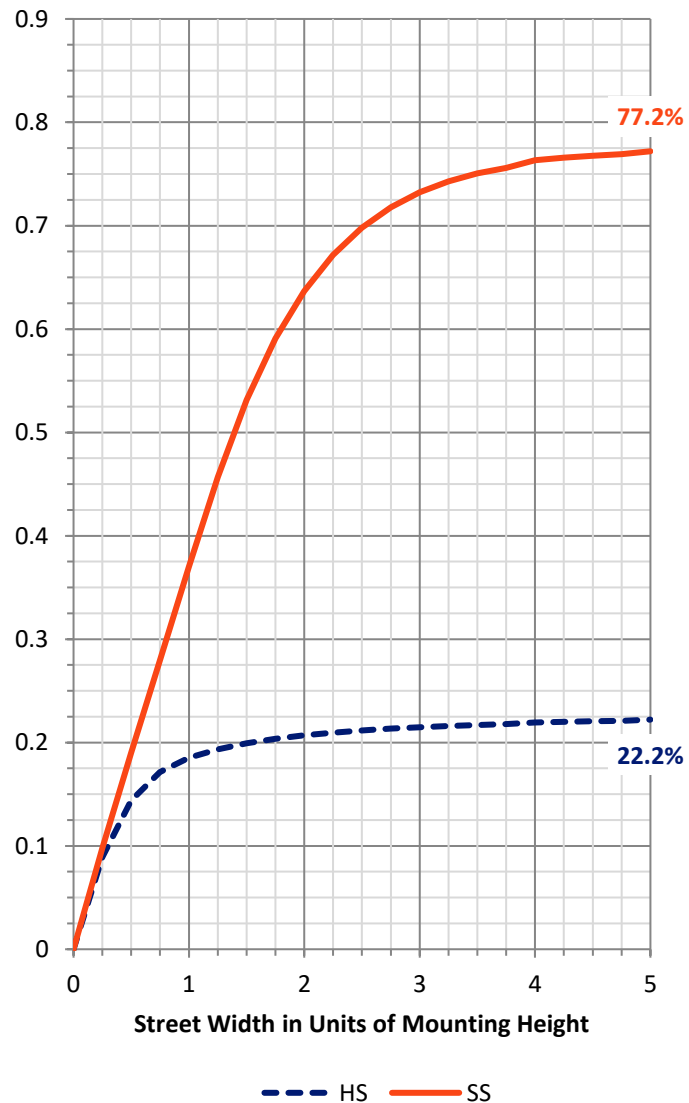
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1407.2   | 0.0    | 1407.2 |
|                    | % Fixture | 22.6     | 0.0    | 22.6   |
| <b>Street Side</b> | Lumens    | 4816.6   | 0.0    | 4816.6 |
|                    | % Fixture | 77.4     | 0.0    | 77.4   |
| <b>Total</b>       | Lumens    | 6223.8   | 0.0    | 6223.8 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 60.1   | 1.0       |
| 10°-20°   | 150.3  | 2.4       |
| 20°-30°   | 274.7  | 4.4       |
| 30°-40°   | 518.7  | 8.3       |
| 40°-50°   | 844.9  | 13.6      |
| 50°-60°   | 1303.5 | 20.9      |
| 60°-70°   | 1597.7 | 25.7      |
| 70°-80°   | 1251.2 | 20.1      |
| 80°-90°   | 222.8  | 3.6       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 6223.8 | 100.0     |
| 0°-180°   | 6223.8 | 100.0     |

**Coefficient of Utilization**



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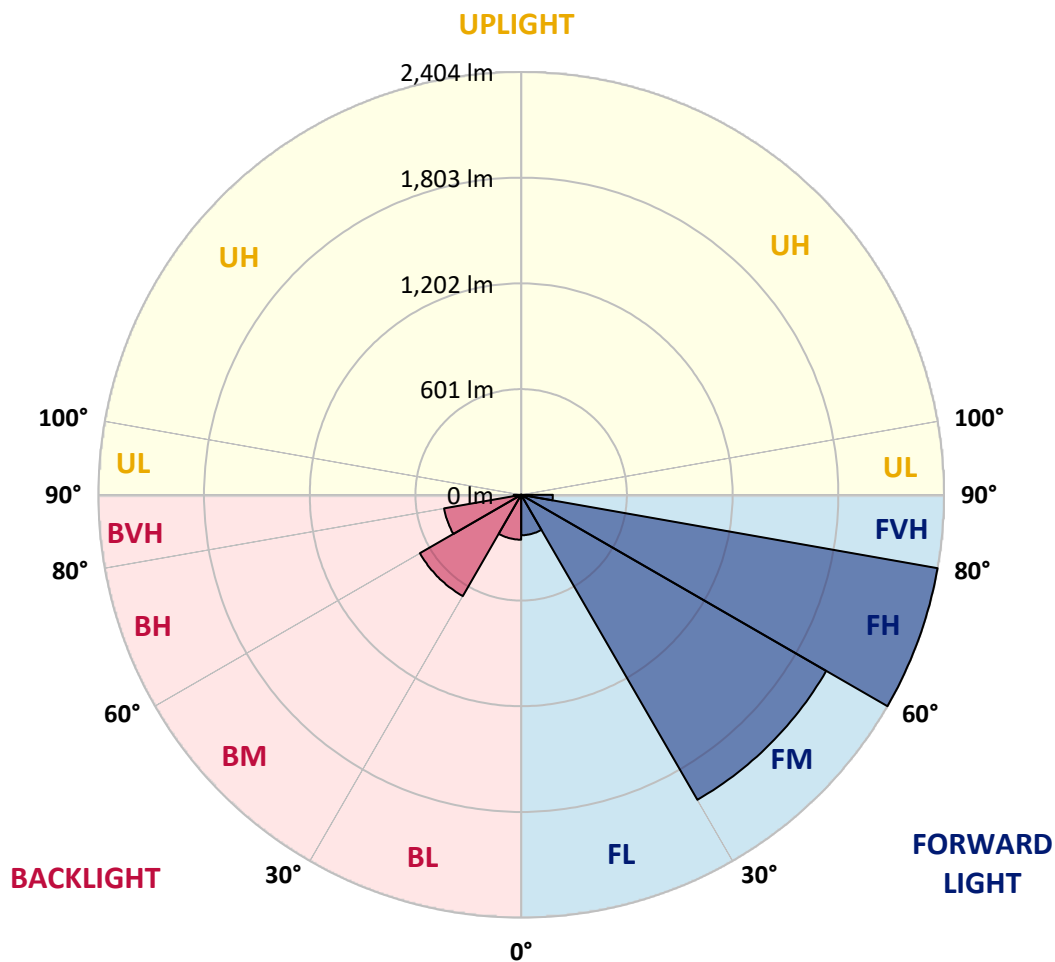
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 229.8  | 3.7       |                         |      |         |
| FM   | (30°-60°)   | 2002.3 | 32.2      |                         |      |         |
| FH   | (60°-80°)   | 2404.0 | 38.6      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 180.4  | 2.9       |                         |      | G2/225  |
| BL   | (0°-30°)    | 255.2  | 4.1       | B1/500                  |      |         |
| BM   | (30°-60°)   | 664.7  | 10.7      | B1/1000                 |      |         |
| BH   | (60°-80°)   | 444.9  | 7.1       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 42.4   | 0.7       |                         |      | 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 Medium



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 739.3  | 739.3  | 739.3  | 739.3  | 739.3  | 739.3  | 739.3  | 739.3  | 739.3  | 739.3  | 739.3  |
| 2.5°  | 609.6  | 664.2  | 664.2  | 664.2  | 675.6  | 684.7  | 689.3  | 691.5  | 700.6  | 707.5  | 712.0  |
| 5°    | 568.7  | 571.0  | 571.0  | 571.0  | 573.2  | 575.5  | 577.8  | 580.1  | 584.6  | 586.9  | 593.7  |
| 7.5°  | 477.7  | 486.8  | 505.0  | 520.9  | 532.3  | 543.7  | 552.8  | 559.6  | 564.1  | 568.7  | 571.0  |
| 10°   | 532.3  | 532.3  | 532.3  | 532.3  | 532.3  | 532.3  | 505.0  | 477.7  | 480.0  | 480.0  | 466.3  |
| 12.5° | 445.9  | 459.5  | 480.0  | 498.2  | 514.1  | 527.7  | 509.5  | 491.3  | 457.2  | 423.1  | 423.1  |
| 15°   | 516.4  | 516.4  | 514.1  | 511.8  | 482.2  | 452.7  | 425.4  | 398.1  | 416.3  | 434.5  | 402.6  |
| 17.5° | 443.6  | 445.9  | 473.2  | 498.2  | 493.6  | 486.8  | 461.8  | 434.5  | 391.3  | 345.8  | 391.3  |
| 20°   | 568.7  | 561.9  | 548.2  | 534.6  | 470.9  | 407.2  | 418.6  | 429.9  | 441.3  | 450.4  | 450.4  |
| 22.5° | 523.2  | 527.7  | 536.8  | 545.9  | 539.1  | 530.0  | 464.1  | 398.1  | 436.8  | 475.4  | 441.3  |
| 25°   | 716.5  | 716.5  | 689.3  | 662.0  | 593.7  | 523.2  | 534.6  | 543.7  | 477.7  | 409.5  | 466.3  |
| 27.5° | 662.0  | 657.4  | 646.0  | 632.4  | 646.0  | 657.4  | 598.3  | 536.8  | 555.0  | 573.2  | 525.5  |
| 30°   | 880.3  | 880.3  | 869.0  | 857.6  | 759.8  | 659.7  | 652.9  | 643.8  | 605.1  | 564.1  | 591.4  |
| 32.5° | 1055.5 | 1053.2 | 1000.9 | 948.6  | 894.0  | 837.1  | 778.0  | 716.5  | 712.0  | 707.5  | 702.9  |
| 35°   | 1264.8 | 1264.8 | 1235.2 | 1205.6 | 1085.1 | 962.2  | 891.7  | 821.2  | 800.7  | 780.2  | 796.2  |
| 37.5° | 1383.1 | 1399.0 | 1387.6 | 1374.0 | 1242.0 | 1107.8 | 1010.0 | 909.9  | 889.4  | 869.0  | 875.8  |
| 40°   | 1546.8 | 1542.3 | 1540.0 | 1535.5 | 1383.1 | 1230.6 | 1126.0 | 1019.1 | 1005.4 | 991.8  | 991.8  |
| 42.5° | 1794.8 | 1769.8 | 1742.5 | 1712.9 | 1558.2 | 1403.5 | 1287.5 | 1169.2 | 1144.2 | 1116.9 | 1119.2 |
| 45°   | 2136.0 | 2108.7 | 2045.0 | 1979.0 | 1822.1 | 1665.1 | 1510.4 | 1355.8 | 1312.5 | 1267.0 | 1262.5 |
| 47.5° | 2345.3 | 2315.7 | 2283.9 | 2249.7 | 2081.4 | 1913.1 | 1753.8 | 1592.3 | 1528.6 | 1464.9 | 1439.9 |
| 50°   | 2561.4 | 2534.1 | 2509.1 | 2484.0 | 2336.2 | 2188.3 | 2029.1 | 1869.9 | 1769.8 | 1669.7 | 1626.5 |
| 52.5° | 2766.1 | 2716.1 | 2691.0 | 2666.0 | 2540.9 | 2413.5 | 2247.5 | 2081.4 | 2006.3 | 1931.3 | 1838.0 |
| 55°   | 2866.2 | 2804.8 | 2795.7 | 2784.3 | 2691.0 | 2595.5 | 2436.3 | 2277.0 | 2192.9 | 2106.4 | 2013.2 |
| 57.5° | 2725.2 | 2729.7 | 2779.8 | 2829.8 | 2777.5 | 2725.2 | 2575.0 | 2424.9 | 2340.7 | 2256.6 | 2186.0 |
| 60°   | 2597.8 | 2631.9 | 2693.3 | 2754.7 | 2759.3 | 2761.6 | 2681.9 | 2602.3 | 2509.1 | 2415.8 | 2361.2 |
| 62.5° | 2422.6 | 2447.6 | 2543.2 | 2636.4 | 2707.0 | 2775.2 | 2693.3 | 2611.4 | 2579.6 | 2545.5 | 2511.3 |
| 65°   | 2186.0 | 2192.9 | 2302.1 | 2409.0 | 2536.4 | 2661.5 | 2597.8 | 2534.1 | 2588.7 | 2641.0 | 2645.5 |
| 67.5° | 1897.2 | 1917.6 | 2024.5 | 2131.5 | 2286.1 | 2438.5 | 2436.3 | 2434.0 | 2550.0 | 2663.7 | 2743.4 |
| 70°   | 1615.1 | 1615.1 | 1719.7 | 1824.4 | 1997.2 | 2170.1 | 2227.0 | 2283.9 | 2463.6 | 2643.3 | 2791.1 |
| 72.5° | 1217.0 | 1273.9 | 1328.5 | 1383.1 | 1576.4 | 1767.5 | 1892.6 | 2017.7 | 2286.1 | 2552.3 | 2777.5 |
| 75°   | 671.1  | 675.6  | 723.4  | 771.1  | 964.5  | 1157.9 | 1346.7 | 1535.5 | 1894.9 | 2254.3 | 2609.2 |
| 77.5° | 220.7  | 213.8  | 241.1  | 266.1  | 379.9  | 491.3  | 650.6  | 809.8  | 1205.6 | 1601.4 | 2172.4 |
| 80°   | 122.8  | 125.1  | 134.2  | 143.3  | 179.7  | 213.8  | 291.2  | 368.5  | 536.8  | 702.9  | 1380.8 |
| 82.5° | 81.9   | 84.2   | 93.3   | 102.4  | 118.3  | 134.2  | 177.4  | 218.4  | 234.3  | 247.9  | 623.3  |
| 85°   | 52.3   | 54.6   | 59.1   | 63.7   | 68.2   | 70.5   | 100.1  | 129.7  | 118.3  | 106.9  | 186.5  |
| 87.5° | 11.4   | 11.4   | 13.6   | 13.6   | 15.9   | 18.2   | 22.7   | 27.3   | 25.0   | 20.5   | 27.3   |
| 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°    | 739.3  | 739.3  | 739.3  | 739.3  | 739.3  | 739.3  | 739.3  | 739.3  | 739.3  | 739.3  | 739.3  |
| 2.5°  | 714.3  | 718.8  | 721.1  | 723.4  | 725.6  | 730.2  | 732.5  | 734.7  | 739.3  | 741.6  | 741.6  |
| 5°    | 600.5  | 641.5  | 680.2  | 693.8  | 707.5  | 714.3  | 718.8  | 725.6  | 730.2  | 734.7  | 739.3  |
| 7.5°  | 573.2  | 575.5  | 577.8  | 593.7  | 609.6  | 623.3  | 636.9  | 641.5  | 652.9  | 646.0  | 636.9  |
| 10°   | 450.4  | 452.7  | 452.7  | 468.6  | 484.5  | 532.3  | 564.1  | 571.0  | 577.8  | 550.5  | 520.9  |
| 12.5° | 420.8  | 432.2  | 443.6  | 436.8  | 429.9  | 464.1  | 486.8  | 495.9  | 500.4  | 482.2  | 464.1  |
| 15°   | 368.5  | 379.9  | 389.0  | 441.3  | 493.6  | 539.1  | 580.1  | 591.4  | 605.1  | 575.5  | 543.7  |
| 17.5° | 436.8  | 432.2  | 425.4  | 434.5  | 443.6  | 455.0  | 477.7  | 484.5  | 484.5  | 493.6  | 502.7  |
| 20°   | 450.4  | 400.4  | 350.3  | 443.6  | 536.8  | 577.8  | 630.1  | 648.3  | 652.9  | 627.8  | 602.8  |
| 22.5° | 404.9  | 461.8  | 518.6  | 507.3  | 495.9  | 484.5  | 484.5  | 491.3  | 498.2  | 502.7  | 507.3  |
| 25°   | 520.9  | 473.2  | 425.4  | 534.6  | 643.8  | 687.0  | 712.0  | 723.4  | 732.5  | 700.6  | 666.5  |
| 27.5° | 477.7  | 541.4  | 602.8  | 650.6  | 698.4  | 746.1  | 798.4  | 848.5  | 787.1  | 757.5  | 727.9  |
| 30°   | 616.5  | 668.8  | 721.1  | 834.8  | 948.6  | 1010.0 | 1041.8 | 1041.8 | 1041.8 | 998.6  | 953.1  |
| 32.5° | 698.4  | 789.3  | 880.3  | 941.8  | 1000.9 | 1062.3 | 1087.3 | 1087.3 | 1087.3 | 1035.0 | 980.4  |
| 35°   | 809.8  | 882.6  | 955.4  | 1025.9 | 1096.4 | 1144.2 | 1162.4 | 1155.6 | 1141.9 | 1071.4 | 1000.9 |
| 37.5° | 882.6  | 980.4  | 1078.2 | 1151.0 | 1221.5 | 1251.1 | 1257.9 | 1237.5 | 1217.0 | 1123.7 | 1028.2 |
| 40°   | 991.8  | 1098.7 | 1203.3 | 1280.7 | 1358.0 | 1383.1 | 1369.4 | 1342.1 | 1305.7 | 1180.6 | 1055.5 |
| 42.5° | 1119.2 | 1226.1 | 1333.0 | 1424.0 | 1512.7 | 1528.6 | 1508.2 | 1464.9 | 1401.3 | 1230.6 | 1057.8 |
| 45°   | 1257.9 | 1364.9 | 1469.5 | 1571.9 | 1674.2 | 1685.6 | 1658.3 | 1594.6 | 1501.3 | 1278.4 | 1055.5 |
| 47.5° | 1412.6 | 1496.8 | 1581.0 | 1726.5 | 1872.1 | 1858.5 | 1817.5 | 1744.7 | 1621.9 | 1335.3 | 1046.4 |
| 50°   | 1583.2 | 1649.2 | 1712.9 | 1894.9 | 2076.9 | 2035.9 | 1990.4 | 1910.8 | 1749.3 | 1401.3 | 1050.9 |
| 52.5° | 1742.5 | 1806.2 | 1869.9 | 2058.7 | 2245.2 | 2206.5 | 2156.5 | 2086.0 | 1879.0 | 1471.8 | 1062.3 |
| 55°   | 1919.9 | 1988.1 | 2056.4 | 2256.6 | 2456.7 | 2390.8 | 2327.1 | 2281.6 | 2006.3 | 1530.9 | 1055.5 |
| 57.5° | 2113.3 | 2199.7 | 2286.1 | 2470.4 | 2652.4 | 2581.9 | 2545.5 | 2486.3 | 2147.4 | 1601.4 | 1055.5 |
| 60°   | 2306.6 | 2411.2 | 2515.9 | 2677.4 | 2838.9 | 2782.0 | 2775.2 | 2693.3 | 2279.3 | 1653.8 | 1025.9 |
| 62.5° | 2477.2 | 2634.2 | 2791.1 | 2918.5 | 3043.6 | 2989.0 | 2991.3 | 2895.8 | 2402.1 | 1665.1 | 925.8  |
| 65°   | 2650.1 | 2852.5 | 3052.7 | 3146.0 | 3239.3 | 3200.6 | 3239.3 | 3068.7 | 2484.0 | 1619.6 | 755.2  |
| 67.5° | 2820.7 | 3043.6 | 3266.6 | 3337.1 | 3407.6 | 3384.8 | 3430.3 | 3125.5 | 2465.8 | 1501.3 | 534.6  |
| 70°   | 2939.0 | 3175.6 | 3412.1 | 3448.5 | 3484.9 | 3480.4 | 3496.3 | 3055.0 | 2343.0 | 1348.9 | 352.6  |
| 72.5° | 3002.7 | 3225.6 | 3446.3 | 3462.2 | 3475.8 | 3469.0 | 3403.0 | 2834.4 | 2122.4 | 1182.9 | 243.4  |
| 75°   | 2961.7 | 3177.8 | 3393.9 | 3362.1 | 3330.2 | 3266.6 | 3045.9 | 2440.8 | 1740.2 | 959.9  | 179.7  |
| 77.5° | 2743.4 | 2977.7 | 3212.0 | 3130.1 | 3045.9 | 2859.4 | 2488.6 | 1828.9 | 1210.2 | 675.6  | 138.8  |
| 80°   | 2058.7 | 2347.6 | 2636.4 | 2538.6 | 2438.5 | 2045.0 | 1515.0 | 1023.6 | 625.6  | 366.2  | 106.9  |
| 82.5° | 996.3  | 1157.9 | 1319.4 | 1294.3 | 1269.3 | 939.5  | 655.1  | 368.5  | 179.7  | 131.9  | 84.2   |
| 85°   | 263.9  | 391.3  | 518.6  | 495.9  | 473.2  | 250.2  | 109.2  | 95.5   | 70.5   | 66.0   | 59.1   |
| 87.5° | 31.8   | 36.4   | 38.7   | 27.3   | 13.6   | 11.4   | 11.4   | 6.8    | 6.8    | 9.1    | 9.1    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

|       | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 739.3 | 739.3 | 739.3 | 739.3 | 739.3 | 739.3 | 739.3 | 739.3 | 739.3 | 739.3 | 739.3 |
| 2.5°  | 746.1 | 748.4 | 748.4 | 748.4 | 748.4 | 748.4 | 730.2 | 712.0 | 707.5 | 702.9 | 693.8 |
| 5°    | 718.8 | 696.1 | 680.2 | 664.2 | 664.2 | 662.0 | 668.8 | 675.6 | 680.2 | 682.4 | 684.7 |
| 7.5°  | 639.2 | 641.5 | 655.1 | 666.5 | 677.9 | 687.0 | 693.8 | 698.4 | 693.8 | 687.0 | 659.7 |
| 10°   | 523.2 | 525.5 | 536.8 | 545.9 | 561.9 | 575.5 | 614.2 | 650.6 | 693.8 | 737.0 | 748.4 |
| 12.5° | 498.2 | 530.0 | 511.8 | 493.6 | 543.7 | 591.4 | 641.5 | 689.3 | 723.4 | 755.2 | 732.5 |
| 15°   | 507.3 | 470.9 | 477.7 | 484.5 | 545.9 | 607.4 | 571.0 | 532.3 | 623.3 | 714.3 | 734.7 |
| 17.5° | 505.0 | 505.0 | 539.1 | 573.2 | 516.4 | 457.2 | 541.4 | 623.3 | 659.7 | 693.8 | 666.5 |
| 20°   | 539.1 | 473.2 | 498.2 | 520.9 | 566.4 | 609.6 | 573.2 | 536.8 | 550.5 | 564.1 | 652.9 |
| 22.5° | 561.9 | 614.2 | 557.3 | 498.2 | 539.1 | 580.1 | 573.2 | 566.4 | 607.4 | 648.3 | 625.6 |
| 25°   | 586.9 | 505.0 | 545.9 | 584.6 | 539.1 | 491.3 | 527.7 | 561.9 | 550.5 | 539.1 | 609.6 |
| 27.5° | 673.3 | 616.5 | 564.1 | 511.8 | 539.1 | 564.1 | 536.8 | 507.3 | 518.6 | 530.0 | 525.5 |
| 30°   | 814.4 | 673.3 | 607.4 | 541.4 | 507.3 | 470.9 | 473.2 | 475.4 | 489.1 | 502.7 | 541.4 |
| 32.5° | 850.8 | 721.1 | 625.6 | 530.0 | 507.3 | 484.5 | 464.1 | 441.3 | 461.8 | 482.2 | 527.7 |
| 35°   | 859.9 | 716.5 | 614.2 | 511.8 | 475.4 | 439.0 | 425.4 | 411.7 | 445.9 | 480.0 | 520.9 |
| 37.5° | 855.3 | 680.2 | 571.0 | 461.8 | 434.5 | 407.2 | 400.4 | 391.3 | 414.0 | 434.5 | 464.1 |
| 40°   | 843.9 | 632.4 | 523.2 | 414.0 | 391.3 | 368.5 | 364.0 | 359.4 | 375.3 | 391.3 | 409.5 |
| 42.5° | 823.5 | 586.9 | 477.7 | 368.5 | 352.6 | 336.7 | 332.1 | 325.3 | 338.9 | 352.6 | 359.4 |
| 45°   | 798.4 | 541.4 | 439.0 | 334.4 | 323.0 | 309.4 | 302.5 | 293.4 | 307.1 | 318.5 | 320.7 |
| 47.5° | 773.4 | 498.2 | 404.9 | 309.4 | 300.3 | 288.9 | 282.1 | 273.0 | 284.3 | 293.4 | 295.7 |
| 50°   | 752.9 | 452.7 | 368.5 | 284.3 | 275.2 | 266.1 | 259.3 | 252.5 | 263.9 | 273.0 | 273.0 |
| 52.5° | 741.6 | 418.6 | 336.7 | 254.8 | 250.2 | 245.7 | 243.4 | 238.8 | 247.9 | 257.0 | 259.3 |
| 55°   | 714.3 | 370.8 | 300.3 | 227.5 | 229.8 | 229.8 | 227.5 | 222.9 | 241.1 | 257.0 | 263.9 |
| 57.5° | 684.7 | 313.9 | 261.6 | 207.0 | 211.6 | 216.1 | 218.4 | 220.7 | 241.1 | 259.3 | 268.4 |
| 60°   | 646.0 | 266.1 | 227.5 | 188.8 | 195.6 | 200.2 | 211.6 | 220.7 | 238.8 | 257.0 | 261.6 |
| 62.5° | 577.8 | 227.5 | 200.2 | 172.9 | 182.0 | 191.1 | 204.7 | 218.4 | 232.0 | 245.7 | 245.7 |
| 65°   | 477.7 | 197.9 | 179.7 | 159.2 | 172.9 | 184.3 | 200.2 | 216.1 | 227.5 | 236.6 | 234.3 |
| 67.5° | 357.1 | 177.4 | 163.8 | 147.9 | 163.8 | 177.4 | 191.1 | 204.7 | 218.4 | 232.0 | 227.5 |
| 70°   | 257.0 | 159.2 | 150.1 | 138.8 | 152.4 | 166.1 | 179.7 | 193.4 | 207.0 | 220.7 | 218.4 |
| 72.5° | 195.6 | 145.6 | 136.5 | 127.4 | 141.0 | 152.4 | 168.3 | 184.3 | 197.9 | 211.6 | 207.0 |
| 75°   | 157.0 | 131.9 | 125.1 | 116.0 | 129.7 | 143.3 | 159.2 | 172.9 | 186.5 | 200.2 | 195.6 |
| 77.5° | 129.7 | 118.3 | 111.5 | 104.6 | 116.0 | 127.4 | 143.3 | 159.2 | 172.9 | 184.3 | 179.7 |
| 80°   | 104.6 | 100.1 | 95.5  | 88.7  | 102.4 | 113.7 | 129.7 | 143.3 | 154.7 | 166.1 | 159.2 |
| 82.5° | 81.9  | 79.6  | 77.3  | 72.8  | 84.2  | 95.5  | 111.5 | 127.4 | 136.5 | 145.6 | 141.0 |
| 85°   | 61.4  | 61.4  | 59.1  | 56.9  | 66.0  | 72.8  | 81.9  | 88.7  | 97.8  | 104.6 | 100.1 |
| 87.5° | 9.1   | 9.1   | 13.6  | 15.9  | 15.9  | 15.9  | 22.7  | 29.6  | 29.6  | 27.3  | 22.7  |
| 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):**

|       | 165°  | 170°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|
| 0°    | 739.3 | 739.3 | 739.3 | 739.3 |
| 2.5°  | 684.7 | 684.7 | 684.7 | 687.0 |
| 5°    | 687.0 | 689.3 | 689.3 | 693.8 |
| 7.5°  | 630.1 | 627.8 | 625.6 | 625.6 |
| 10°   | 757.5 | 762.0 | 764.3 | 768.9 |
| 12.5° | 707.5 | 680.2 | 652.9 | 652.9 |
| 15°   | 755.2 | 759.8 | 762.0 | 766.6 |
| 17.5° | 639.2 | 636.9 | 634.7 | 630.1 |
| 20°   | 739.3 | 743.8 | 746.1 | 746.1 |
| 22.5° | 602.8 | 602.8 | 600.5 | 600.5 |
| 25°   | 680.2 | 680.2 | 680.2 | 684.7 |
| 27.5° | 518.6 | 534.6 | 550.5 | 571.0 |
| 30°   | 580.1 | 582.3 | 584.6 | 584.6 |
| 32.5° | 573.2 | 602.8 | 632.4 | 636.9 |
| 35°   | 561.9 | 561.9 | 559.6 | 561.9 |
| 37.5° | 493.6 | 486.8 | 477.7 | 482.2 |
| 40°   | 425.4 | 409.5 | 393.5 | 391.3 |
| 42.5° | 366.2 | 352.6 | 336.7 | 336.7 |
| 45°   | 323.0 | 313.9 | 302.5 | 298.0 |
| 47.5° | 295.7 | 286.6 | 277.5 | 275.2 |
| 50°   | 270.7 | 261.6 | 252.5 | 252.5 |
| 52.5° | 261.6 | 254.8 | 245.7 | 243.4 |
| 55°   | 270.7 | 257.0 | 243.4 | 238.8 |
| 57.5° | 275.2 | 259.3 | 243.4 | 236.6 |
| 60°   | 263.9 | 254.8 | 243.4 | 234.3 |
| 62.5° | 243.4 | 238.8 | 234.3 | 229.8 |
| 65°   | 229.8 | 229.8 | 227.5 | 222.9 |
| 67.5° | 222.9 | 225.2 | 225.2 | 220.7 |
| 70°   | 213.8 | 218.4 | 220.7 | 216.1 |
| 72.5° | 202.5 | 204.7 | 204.7 | 197.9 |
| 75°   | 188.8 | 186.5 | 184.3 | 179.7 |
| 77.5° | 172.9 | 170.6 | 166.1 | 161.5 |
| 80°   | 152.4 | 150.1 | 147.9 | 141.0 |
| 82.5° | 134.2 | 138.8 | 141.0 | 116.0 |
| 85°   | 93.3  | 84.2  | 75.1  | 61.4  |
| 87.5° | 18.2  | 13.6  | 6.8   | 6.8   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)