

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: P560980

Luminaire Tested: **SDL-PA1-70-827-U-T2U-HSS**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P560980  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: SDL-PA1-70-827-U-T2U-HSS  
Description: Springdale  
(1) 80 CRI, 2700K, 930mA LIGHT ENGINE WITH 24 LEDS AND TYPE II U OPTICS  
AND HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4514.3 lumens  
Efficiency: N/A  
Efficacy: 62.5 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')  
IES Classification: Type II - Short  
BUG Rating: B1 - U0 - G1

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

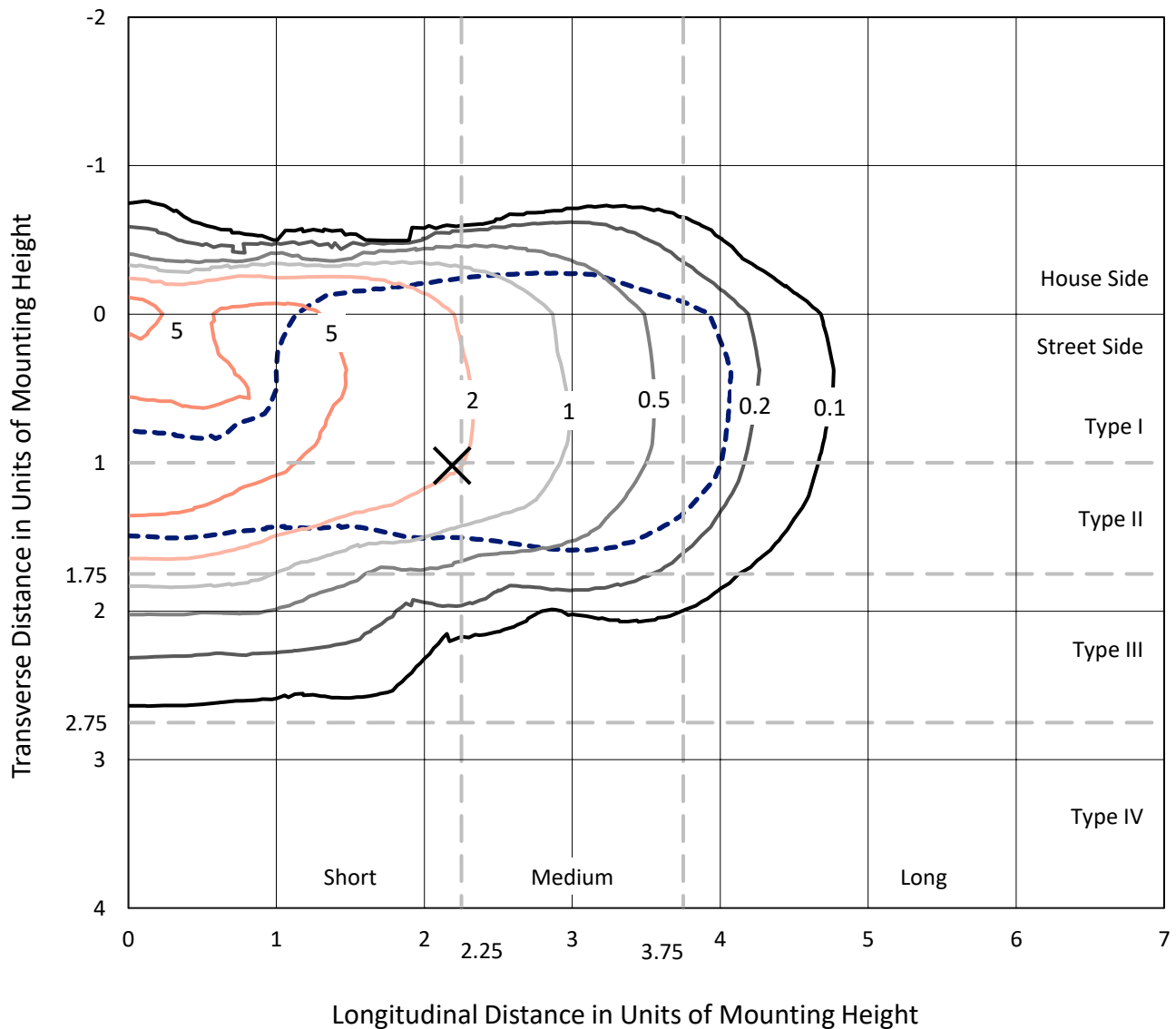


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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

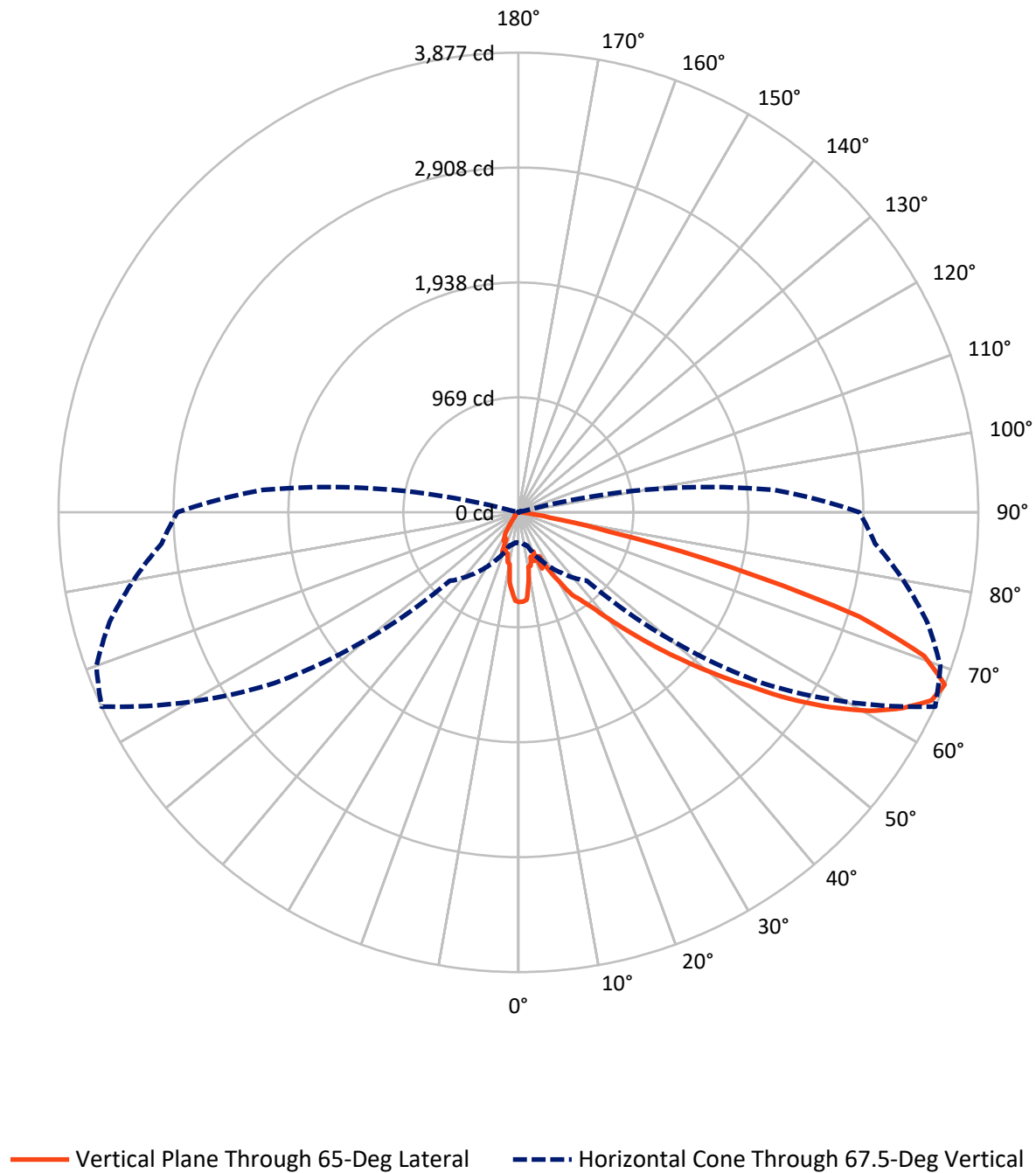


Based on 10 foot mounting height. Maximum calculated value = 10 fc  
 Type II - Short - N/A

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## Luminous Intensity Polar Plot



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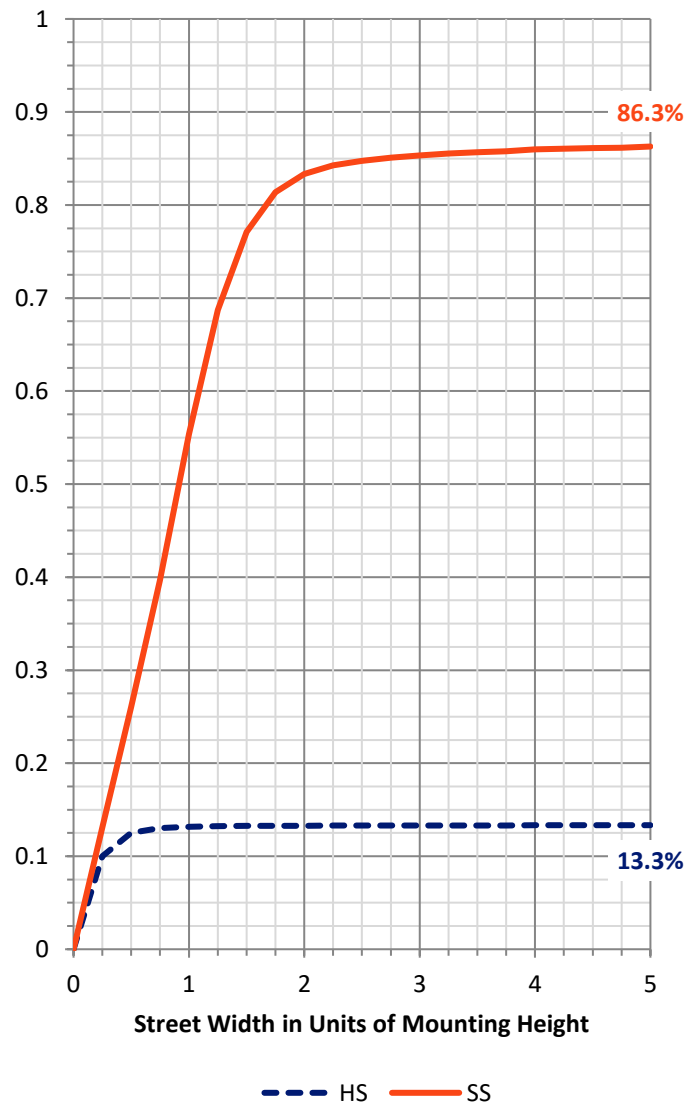
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 610.4    | 0.0    | 610.4  |
|                    | % Fixture | 13.5     | 0.0    | 13.5   |
| <b>Street Side</b> | Lumens    | 3903.9   | 0.0    | 3903.9 |
|                    | % Fixture | 86.5     | 0.0    | 86.5   |
| <b>Total</b>       | Lumens    | 4514.3   | 0.0    | 4514.3 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 58.0   | 1.3       |
| 10°-20°   | 112.2  | 2.5       |
| 20°-30°   | 169.4  | 3.8       |
| 30°-40°   | 390.3  | 8.6       |
| 40°-50°   | 856.1  | 19.0      |
| 50°-60°   | 1256.8 | 27.8      |
| 60°-70°   | 1091.6 | 24.2      |
| 70°-80°   | 541.3  | 12.0      |
| 80°-90°   | 38.5   | 0.9       |
| 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°    | 4514.3 | 100.0     |
| 0°-180°   | 4514.3 | 100.0     |



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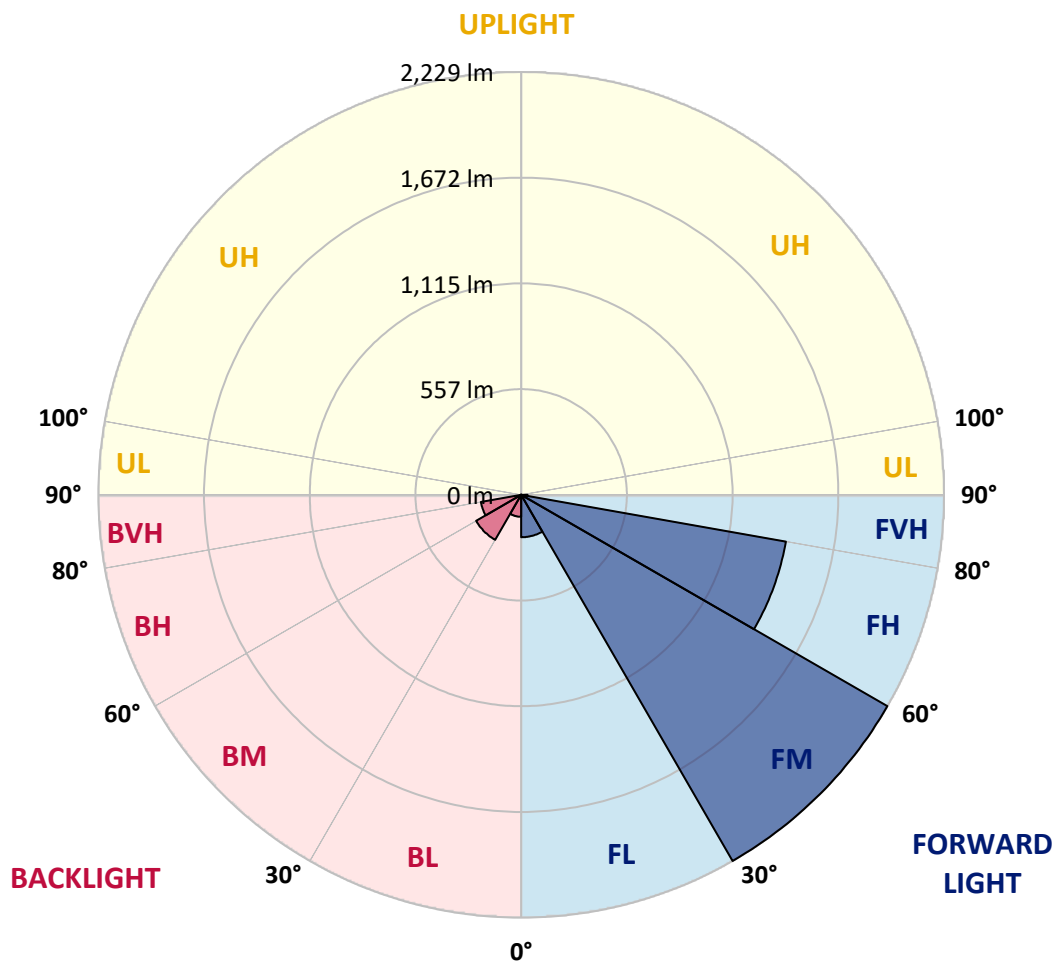
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 223.7  | 5.0       |                         |      |         |
| FM   | (30°-60°)   | 2229.0 | 49.4      |                         |      |         |
| FH   | (60°-80°)   | 1417.3 | 31.4      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 33.8   | 0.7       |                         |      | G1/100  |
| BL   | (0°-30°)    | 115.9  | 2.6       | B1/500                  |      |         |
| BM   | (30°-60°)   | 274.2  | 6.1       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 215.7  | 4.8       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 4.6    | 0.1       |                         |      | G0/10   |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G1**

Type II Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 755.8  | 755.8  | 755.8  | 755.8  | 755.8  | 755.8  | 755.8  | 755.8  | 755.8  | 755.8  | 755.8  |
| 2.5°  | 632.9  | 685.2  | 701.1  | 717.1  | 730.7  | 744.4  | 746.7  | 749.0  | 753.5  | 755.8  | 758.1  |
| 5°    | 619.2  | 621.5  | 621.5  | 619.2  | 621.5  | 623.7  | 623.7  | 623.7  | 623.7  | 623.7  | 626.0  |
| 7.5°  | 496.3  | 555.5  | 573.7  | 589.6  | 598.7  | 605.5  | 610.1  | 612.4  | 614.6  | 616.9  | 619.2  |
| 10°   | 598.7  | 596.4  | 598.7  | 598.7  | 601.0  | 601.0  | 548.6  | 496.3  | 514.5  | 530.4  | 503.1  |
| 12.5° | 475.8  | 523.6  | 544.1  | 564.6  | 578.2  | 589.6  | 566.8  | 541.8  | 494.0  | 443.9  | 446.2  |
| 15°   | 573.7  | 573.7  | 573.7  | 573.7  | 530.4  | 484.9  | 455.3  | 423.4  | 448.5  | 471.2  | 425.7  |
| 17.5° | 462.1  | 462.1  | 503.1  | 544.1  | 544.1  | 541.8  | 512.2  | 480.3  | 416.6  | 352.8  | 409.8  |
| 20°   | 571.4  | 571.4  | 573.7  | 575.9  | 500.8  | 425.7  | 450.7  | 473.5  | 482.6  | 491.7  | 471.2  |
| 22.5° | 466.7  | 466.7  | 473.5  | 478.1  | 505.4  | 532.7  | 459.8  | 387.0  | 446.2  | 505.4  | 464.4  |
| 25°   | 603.3  | 605.5  | 610.1  | 612.4  | 544.1  | 473.5  | 505.4  | 537.2  | 473.5  | 409.8  | 473.5  |
| 27.5° | 546.3  | 537.2  | 537.2  | 535.0  | 557.7  | 578.2  | 532.7  | 487.2  | 528.1  | 569.1  | 521.3  |
| 30°   | 767.2  | 760.3  | 751.2  | 742.1  | 655.6  | 569.1  | 571.4  | 571.4  | 555.5  | 539.5  | 566.8  |
| 32.5° | 1063.1 | 1051.7 | 974.3  | 896.9  | 833.2  | 769.4  | 703.4  | 637.4  | 660.2  | 680.7  | 667.0  |
| 35°   | 1427.3 | 1427.3 | 1354.5 | 1281.6 | 1138.2 | 994.8  | 883.3  | 769.4  | 760.3  | 751.2  | 764.9  |
| 37.5° | 1859.9 | 1814.3 | 1727.8 | 1641.3 | 1463.8 | 1283.9 | 1113.2 | 942.5  | 922.0  | 899.2  | 876.4  |
| 40°   | 2180.8 | 2174.0 | 2108.0 | 2042.0 | 1823.4 | 1604.9 | 1404.6 | 1202.0 | 1135.9 | 1067.7 | 1017.6 |
| 42.5° | 2515.5 | 2490.4 | 2438.1 | 2383.4 | 2162.6 | 1939.5 | 1725.5 | 1509.3 | 1418.2 | 1327.2 | 1238.4 |
| 45°   | 2756.8 | 2750.0 | 2704.4 | 2658.9 | 2479.1 | 2296.9 | 2073.8 | 1848.5 | 1789.3 | 1730.1 | 1563.9 |
| 47.5° | 2907.0 | 2868.3 | 2850.1 | 2829.6 | 2674.8 | 2520.0 | 2331.1 | 2139.9 | 2130.8 | 2119.4 | 1909.9 |
| 50°   | 2861.5 | 2827.4 | 2831.9 | 2836.5 | 2761.3 | 2686.2 | 2542.8 | 2397.1 | 2422.1 | 2447.2 | 2274.2 |
| 52.5° | 2620.2 | 2590.6 | 2631.6 | 2670.3 | 2668.0 | 2665.7 | 2613.4 | 2558.7 | 2649.8 | 2738.6 | 2620.2 |
| 55°   | 2137.6 | 2158.1 | 2240.0 | 2322.0 | 2376.6 | 2429.0 | 2504.1 | 2576.9 | 2750.0 | 2920.7 | 2897.9 |
| 57.5° | 1675.5 | 1721.0 | 1805.2 | 1887.2 | 1976.0 | 2062.5 | 2221.8 | 2381.2 | 2672.6 | 2961.7 | 3061.8 |
| 60°   | 1124.6 | 1154.2 | 1302.1 | 1447.8 | 1529.8 | 1611.7 | 1784.7 | 1955.5 | 2351.6 | 2745.4 | 3007.2 |
| 62.5° | 698.9  | 714.8  | 799.0  | 883.3  | 1049.4 | 1215.6 | 1302.1 | 1386.4 | 1814.3 | 2240.0 | 2724.9 |
| 65°   | 430.2  | 425.7  | 459.8  | 491.7  | 655.6  | 817.2  | 874.2  | 928.8  | 1213.3 | 1495.6 | 2249.1 |
| 67.5° | 257.2  | 255.0  | 273.2  | 291.4  | 366.5  | 441.6  | 530.4  | 619.2  | 719.4  | 817.2  | 1666.4 |
| 70°   | 209.4  | 214.0  | 220.8  | 227.6  | 248.1  | 268.6  | 350.6  | 432.5  | 430.2  | 428.0  | 1001.6 |
| 72.5° | 175.3  | 179.8  | 193.5  | 204.9  | 220.8  | 234.5  | 282.3  | 327.8  | 307.3  | 286.8  | 478.1  |
| 75°   | 129.8  | 132.0  | 150.2  | 166.2  | 191.2  | 214.0  | 225.4  | 234.5  | 225.4  | 216.3  | 241.3  |
| 77.5° | 86.5   | 86.5   | 102.4  | 118.4  | 143.4  | 168.5  | 182.1  | 195.8  | 179.8  | 163.9  | 170.7  |
| 80°   | 54.6   | 54.6   | 63.7   | 70.6   | 95.6   | 120.7  | 136.6  | 152.5  | 138.9  | 122.9  | 120.7  |
| 82.5° | 31.9   | 34.1   | 38.7   | 43.3   | 59.2   | 75.1   | 86.5   | 97.9   | 113.8  | 127.5  | 102.4  |
| 85°   | 13.7   | 15.9   | 20.5   | 22.8   | 31.9   | 38.7   | 45.5   | 52.4   | 66.0   | 79.7   | 66.0   |
| 87.5° | 2.3    | 2.3    | 4.6    | 6.8    | 9.1    | 11.4   | 11.4   | 11.4   | 11.4   | 9.1    | 11.4   |
| 90°   | 0.0    | 0.0    | 2.3    | 2.3    | 2.3    | 2.3    | 2.3    | 2.3    | 2.3    | 2.3    | 4.6    |

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**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°  |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0°    | 755.8  | 755.8  | 755.8  | 755.8  | 755.8  | 755.8  | 755.8  | 755.8  | 755.8  | 755.8  | 755.8 |
| 2.5°  | 758.1  | 755.8  | 753.5  | 753.5  | 753.5  | 751.2  | 749.0  | 749.0  | 749.0  | 746.7  | 744.4 |
| 5°    | 626.0  | 682.9  | 739.8  | 742.1  | 746.7  | 744.4  | 742.1  | 739.8  | 737.6  | 735.3  | 730.7 |
| 7.5°  | 619.2  | 614.6  | 610.1  | 594.2  | 648.8  | 648.8  | 646.5  | 646.5  | 642.0  | 623.7  | 605.5 |
| 10°   | 473.5  | 471.2  | 466.7  | 473.5  | 484.9  | 523.6  | 560.0  | 557.7  | 550.9  | 507.6  | 464.4 |
| 12.5° | 448.5  | 455.3  | 462.1  | 439.4  | 396.1  | 432.5  | 468.9  | 464.4  | 459.8  | 421.1  | 380.2 |
| 15°   | 380.2  | 384.7  | 389.3  | 425.7  | 491.7  | 525.9  | 557.7  | 553.2  | 548.6  | 503.1  | 455.3 |
| 17.5° | 466.7  | 448.5  | 430.2  | 455.3  | 432.5  | 448.5  | 464.4  | 446.2  | 432.5  | 414.3  | 396.1 |
| 20°   | 448.5  | 400.7  | 352.8  | 425.7  | 509.9  | 537.2  | 564.6  | 557.7  | 544.1  | 500.8  | 455.3 |
| 22.5° | 421.1  | 468.9  | 514.5  | 491.7  | 450.7  | 425.7  | 400.7  | 389.3  | 380.2  | 382.4  | 384.7 |
| 25°   | 535.0  | 473.5  | 409.8  | 519.0  | 585.0  | 594.2  | 601.0  | 580.5  | 557.7  | 509.9  | 459.8 |
| 27.5° | 471.2  | 516.8  | 560.0  | 603.3  | 626.0  | 632.9  | 637.4  | 667.0  | 619.2  | 555.5  | 491.7 |
| 30°   | 594.2  | 632.9  | 671.6  | 767.2  | 844.6  | 858.2  | 871.9  | 837.7  | 799.0  | 721.6  | 644.2 |
| 32.5° | 653.3  | 742.1  | 828.6  | 874.2  | 906.0  | 917.4  | 928.8  | 883.3  | 840.0  | 739.8  | 637.4 |
| 35°   | 776.3  | 842.3  | 908.3  | 960.7  | 1022.1 | 1024.4 | 1026.7 | 976.6  | 922.0  | 776.3  | 630.6 |
| 37.5° | 851.4  | 937.9  | 1022.1 | 1081.3 | 1176.9 | 1170.1 | 1163.3 | 1104.1 | 1038.1 | 833.2  | 628.3 |
| 40°   | 965.2  | 1076.8 | 1186.0 | 1242.9 | 1359.0 | 1338.6 | 1318.1 | 1249.8 | 1176.9 | 894.6  | 612.4 |
| 42.5° | 1149.6 | 1268.0 | 1386.4 | 1434.2 | 1561.6 | 1538.9 | 1513.8 | 1422.8 | 1329.4 | 944.7  | 560.0 |
| 45°   | 1395.5 | 1502.5 | 1609.5 | 1693.7 | 1793.8 | 1757.4 | 1721.0 | 1623.1 | 1486.5 | 988.0  | 489.4 |
| 47.5° | 1698.2 | 1777.9 | 1857.6 | 2023.8 | 2096.6 | 2023.8 | 1948.6 | 1830.3 | 1657.3 | 1024.4 | 391.5 |
| 50°   | 2101.2 | 2119.4 | 2135.3 | 2342.5 | 2415.3 | 2303.8 | 2192.2 | 2039.7 | 1832.5 | 1065.4 | 295.9 |
| 52.5° | 2499.5 | 2465.4 | 2429.0 | 2652.1 | 2679.4 | 2531.4 | 2381.2 | 2221.8 | 1962.3 | 1088.1 | 211.7 |
| 55°   | 2875.2 | 2827.4 | 2777.3 | 2936.6 | 2918.4 | 2722.6 | 2526.9 | 2333.4 | 2042.0 | 1095.0 | 148.0 |
| 57.5° | 3162.0 | 3132.4 | 3100.5 | 3173.4 | 3105.1 | 2875.2 | 2645.2 | 2451.7 | 2101.2 | 1106.4 | 109.3 |
| 60°   | 3266.7 | 3332.7 | 3398.7 | 3389.6 | 3264.4 | 3020.8 | 2777.3 | 2572.4 | 2137.6 | 1110.9 | 82.0  |
| 62.5° | 3209.8 | 3423.8 | 3635.5 | 3549.0 | 3396.5 | 3139.2 | 2879.7 | 2681.7 | 2153.5 | 1108.6 | 63.7  |
| 65°   | 3002.6 | 3414.7 | 3824.4 | 3681.0 | 3489.8 | 3232.6 | 2975.3 | 2797.8 | 2171.7 | 1110.9 | 50.1  |
| 67.5° | 2513.2 | 3196.1 | 3876.8 | 3785.7 | 3567.2 | 3294.0 | 3018.6 | 2875.2 | 2162.6 | 1101.8 | 41.0  |
| 70°   | 1573.0 | 2602.0 | 3630.9 | 3701.5 | 3567.2 | 3266.7 | 2966.2 | 2852.4 | 2080.7 | 1056.3 | 31.9  |
| 72.5° | 667.0  | 1837.1 | 3007.2 | 3314.5 | 3407.8 | 3116.5 | 2825.1 | 2683.9 | 1905.4 | 965.2  | 25.0  |
| 75°   | 264.1  | 1056.3 | 1848.5 | 2335.6 | 2622.5 | 2499.5 | 2374.3 | 2185.4 | 1249.8 | 635.1  | 18.2  |
| 77.5° | 177.6  | 482.6  | 787.7  | 1147.3 | 1368.1 | 1416.0 | 1463.8 | 1247.5 | 498.5  | 257.2  | 13.7  |
| 80°   | 118.4  | 193.5  | 268.6  | 412.0  | 491.7  | 464.4  | 434.8  | 357.4  | 152.5  | 82.0   | 11.4  |
| 82.5° | 75.1   | 100.2  | 125.2  | 141.1  | 145.7  | 104.7  | 63.7   | 52.4   | 18.2   | 13.7   | 6.8   |
| 85°   | 50.1   | 59.2   | 68.3   | 70.6   | 70.6   | 50.1   | 27.3   | 13.7   | 6.8    | 6.8    | 4.6   |
| 87.5° | 13.7   | 15.9   | 15.9   | 15.9   | 11.4   | 9.1    | 6.8    | 4.6    | 4.6    | 4.6    | 4.6   |
| 90°   | 6.8    | 9.1    | 9.1    | 9.1    | 6.8    | 6.8    | 4.6    | 4.6    | 4.6    | 4.6    | 4.6   |

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**CANDELA DISTRIBUTION (continued):**

|       | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 755.8 | 755.8 | 755.8 | 755.8 | 755.8 | 755.8 | 755.8 | 755.8 | 755.8 | 755.8 | 755.8 |
| 2.5°  | 744.4 | 744.4 | 742.1 | 739.8 | 739.8 | 737.6 | 714.8 | 689.8 | 667.0 | 642.0 | 639.7 |
| 5°    | 701.1 | 669.3 | 639.7 | 610.1 | 605.5 | 598.7 | 598.7 | 596.4 | 596.4 | 594.2 | 594.2 |
| 7.5°  | 601.0 | 596.4 | 591.9 | 587.3 | 585.0 | 580.5 | 578.2 | 573.7 | 571.4 | 566.8 | 541.8 |
| 10°   | 455.3 | 443.9 | 443.9 | 441.6 | 446.2 | 450.7 | 448.5 | 443.9 | 473.5 | 503.1 | 500.8 |
| 12.5° | 405.2 | 428.0 | 407.5 | 384.7 | 391.5 | 396.1 | 402.9 | 409.8 | 407.5 | 402.9 | 368.8 |
| 15°   | 407.5 | 357.4 | 341.5 | 323.3 | 332.4 | 339.2 | 280.0 | 218.5 | 207.2 | 195.8 | 182.1 |
| 17.5° | 380.2 | 364.2 | 352.8 | 339.2 | 259.5 | 177.6 | 159.4 | 141.1 | 125.2 | 107.0 | 104.7 |
| 20°   | 384.7 | 311.9 | 291.4 | 268.6 | 207.2 | 145.7 | 111.5 | 77.4  | 68.3  | 59.2  | 68.3  |
| 22.5° | 375.6 | 364.2 | 266.3 | 168.5 | 125.2 | 82.0  | 68.3  | 52.4  | 56.9  | 61.5  | 61.5  |
| 25°   | 352.8 | 245.9 | 191.2 | 136.6 | 95.6  | 52.4  | 54.6  | 54.6  | 50.1  | 43.3  | 47.8  |
| 27.5° | 382.4 | 270.9 | 173.0 | 72.8  | 63.7  | 52.4  | 47.8  | 41.0  | 41.0  | 41.0  | 38.7  |
| 30°   | 441.6 | 236.8 | 148.0 | 59.2  | 50.1  | 41.0  | 38.7  | 36.4  | 34.1  | 29.6  | 31.9  |
| 32.5° | 418.9 | 200.3 | 125.2 | 50.1  | 43.3  | 36.4  | 31.9  | 27.3  | 27.3  | 27.3  | 27.3  |
| 35°   | 380.2 | 127.5 | 86.5  | 43.3  | 36.4  | 29.6  | 27.3  | 22.8  | 22.8  | 22.8  | 22.8  |
| 37.5° | 355.1 | 82.0  | 59.2  | 34.1  | 29.6  | 25.0  | 22.8  | 18.2  | 18.2  | 18.2  | 20.5  |
| 40°   | 334.6 | 56.9  | 43.3  | 29.6  | 25.0  | 18.2  | 15.9  | 13.7  | 15.9  | 15.9  | 15.9  |
| 42.5° | 305.0 | 47.8  | 36.4  | 25.0  | 20.5  | 15.9  | 13.7  | 11.4  | 13.7  | 13.7  | 13.7  |
| 45°   | 266.3 | 43.3  | 31.9  | 20.5  | 18.2  | 13.7  | 11.4  | 9.1   | 11.4  | 11.4  | 11.4  |
| 47.5° | 214.0 | 36.4  | 27.3  | 18.2  | 15.9  | 11.4  | 11.4  | 9.1   | 9.1   | 9.1   | 9.1   |
| 50°   | 166.2 | 34.1  | 25.0  | 15.9  | 13.7  | 9.1   | 9.1   | 6.8   | 9.1   | 9.1   | 9.1   |
| 52.5° | 120.7 | 29.6  | 22.8  | 13.7  | 11.4  | 6.8   | 6.8   | 6.8   | 6.8   | 6.8   | 6.8   |
| 55°   | 86.5  | 25.0  | 18.2  | 11.4  | 9.1   | 6.8   | 6.8   | 4.6   | 6.8   | 6.8   | 6.8   |
| 57.5° | 66.0  | 22.8  | 15.9  | 9.1   | 6.8   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   |
| 60°   | 52.4  | 20.5  | 15.9  | 9.1   | 6.8   | 4.6   | 4.6   | 2.3   | 4.6   | 4.6   | 4.6   |
| 62.5° | 41.0  | 15.9  | 13.7  | 9.1   | 6.8   | 4.6   | 4.6   | 2.3   | 4.6   | 4.6   | 4.6   |
| 65°   | 31.9  | 13.7  | 11.4  | 6.8   | 4.6   | 2.3   | 2.3   | 2.3   | 4.6   | 4.6   | 4.6   |
| 67.5° | 27.3  | 11.4  | 9.1   | 6.8   | 4.6   | 2.3   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   |
| 70°   | 22.8  | 11.4  | 9.1   | 6.8   | 4.6   | 2.3   | 4.6   | 4.6   | 6.8   | 6.8   | 4.6   |
| 72.5° | 18.2  | 9.1   | 6.8   | 4.6   | 4.6   | 2.3   | 4.6   | 4.6   | 6.8   | 6.8   | 4.6   |
| 75°   | 13.7  | 6.8   | 6.8   | 4.6   | 4.6   | 2.3   | 4.6   | 6.8   | 6.8   | 6.8   | 4.6   |
| 77.5° | 11.4  | 6.8   | 6.8   | 4.6   | 4.6   | 2.3   | 4.6   | 6.8   | 6.8   | 6.8   | 6.8   |
| 80°   | 9.1   | 4.6   | 4.6   | 4.6   | 2.3   | 0.0   | 4.6   | 9.1   | 9.1   | 6.8   | 6.8   |
| 82.5° | 6.8   | 4.6   | 4.6   | 4.6   | 2.3   | 0.0   | 4.6   | 9.1   | 9.1   | 6.8   | 6.8   |
| 85°   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 2.3   | 6.8   | 9.1   | 9.1   | 6.8   | 6.8   |
| 87.5° | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 2.3   | 4.6   | 6.8   | 6.8   | 6.8   | 6.8   |
| 90°   | 4.6   | 4.6   | 6.8   | 6.8   | 4.6   | 2.3   | 4.6   | 6.8   | 6.8   | 6.8   | 6.8   |

REPORT NUMBER: P560980

CATALOG NUMBER: SDL-PA1-70-827-U-T2U-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|
| 0°    | 755.8 | 755.8 | 755.8 | 755.8 |
| 2.5°  | 635.1 | 639.7 | 642.0 | 637.4 |
| 5°    | 591.9 | 591.9 | 589.6 | 596.4 |
| 7.5°  | 514.5 | 500.8 | 484.9 | 473.5 |
| 10°   | 496.3 | 484.9 | 473.5 | 475.8 |
| 12.5° | 332.4 | 298.2 | 264.1 | 275.5 |
| 15°   | 168.5 | 159.4 | 150.2 | 150.2 |
| 17.5° | 100.2 | 91.1  | 79.7  | 82.0  |
| 20°   | 75.1  | 75.1  | 75.1  | 75.1  |
| 22.5° | 59.2  | 56.9  | 52.4  | 50.1  |
| 25°   | 50.1  | 50.1  | 50.1  | 50.1  |
| 27.5° | 36.4  | 36.4  | 34.1  | 31.9  |
| 30°   | 31.9  | 31.9  | 31.9  | 29.6  |
| 32.5° | 25.0  | 27.3  | 27.3  | 27.3  |
| 35°   | 22.8  | 22.8  | 22.8  | 22.8  |
| 37.5° | 20.5  | 20.5  | 18.2  | 18.2  |
| 40°   | 15.9  | 15.9  | 15.9  | 15.9  |
| 42.5° | 13.7  | 13.7  | 13.7  | 13.7  |
| 45°   | 11.4  | 11.4  | 11.4  | 11.4  |
| 47.5° | 9.1   | 9.1   | 9.1   | 9.1   |
| 50°   | 9.1   | 9.1   | 6.8   | 6.8   |
| 52.5° | 6.8   | 6.8   | 4.6   | 4.6   |
| 55°   | 4.6   | 4.6   | 4.6   | 4.6   |
| 57.5° | 4.6   | 4.6   | 2.3   | 2.3   |
| 60°   | 4.6   | 4.6   | 2.3   | 2.3   |
| 62.5° | 2.3   | 2.3   | 2.3   | 2.3   |
| 65°   | 2.3   | 2.3   | 0.0   | 0.0   |
| 67.5° | 2.3   | 2.3   | 0.0   | 0.0   |
| 70°   | 2.3   | 2.3   | 0.0   | 0.0   |
| 72.5° | 2.3   | 2.3   | 0.0   | 0.0   |
| 75°   | 2.3   | 2.3   | 0.0   | 0.0   |
| 77.5° | 4.6   | 2.3   | 0.0   | 0.0   |
| 80°   | 4.6   | 4.6   | 2.3   | 0.0   |
| 82.5° | 4.6   | 4.6   | 2.3   | 0.0   |
| 85°   | 4.6   | 4.6   | 2.3   | 0.0   |
| 87.5° | 4.6   | 4.6   | 2.3   | 0.0   |
| 90°   | 4.6   | 4.6   | 2.3   | 0.0   |

(END OF REPORT)