

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: P560974

Luminaire Tested: **SDL-PA1-70-827-U-T2R-A**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P560974  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-19)  
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-T2R-A  
Description: Springdale  
(1) 80 CRI, 2700K, 930mA LIGHT ENGINE WITH 24 LEDS AND TYPE II R OPTICS  
AND CLEAR PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5121.8 lumens  
Efficiency: N/A  
Efficacy: 70.9 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')  
IES Classification: Type II - Medium  
BUG Rating: B1 - U3 - 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

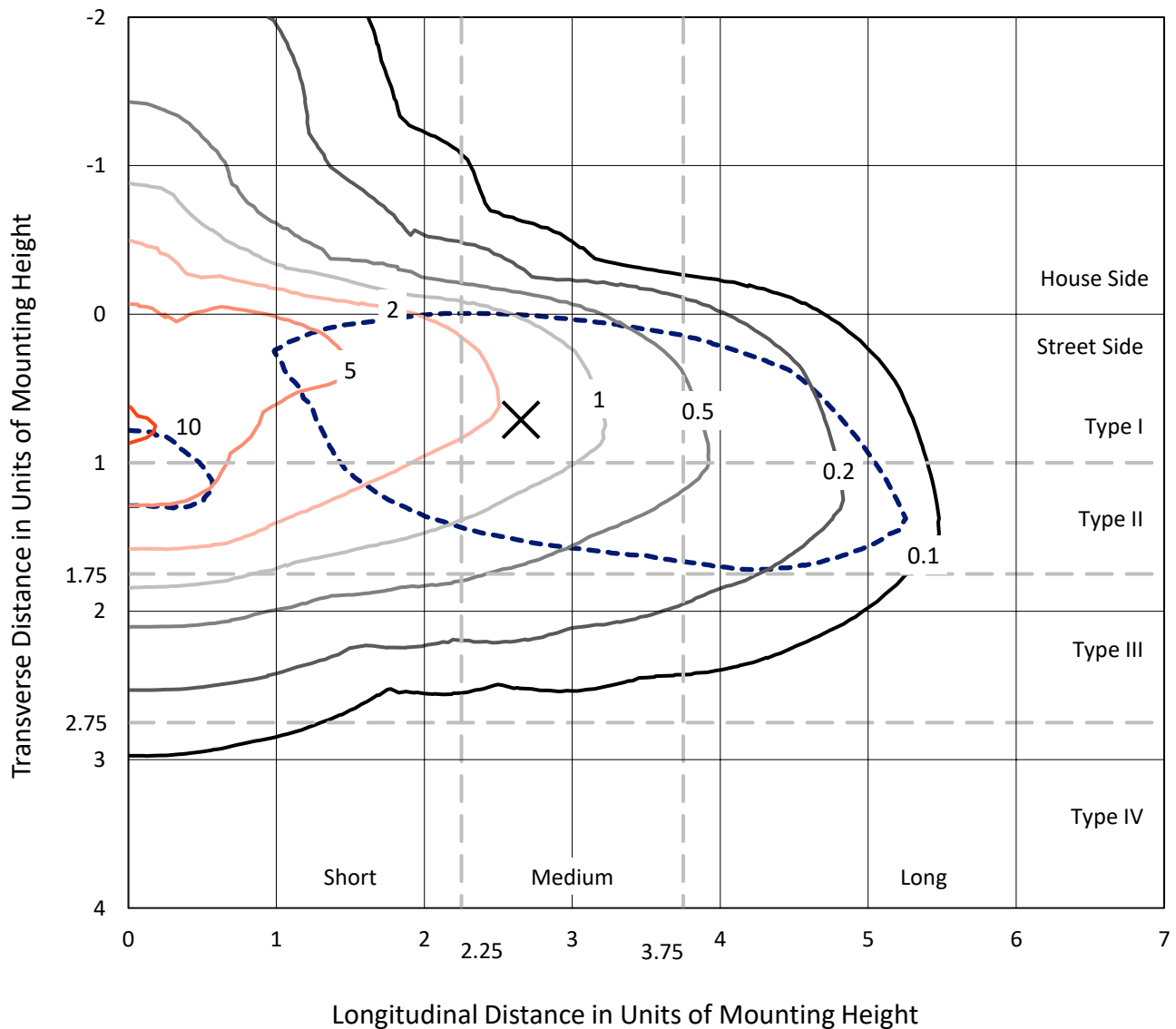


REPORT NUMBER: P560974

CATALOG NUMBER: SDL-PA1-70-827-U-T2R-A

## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

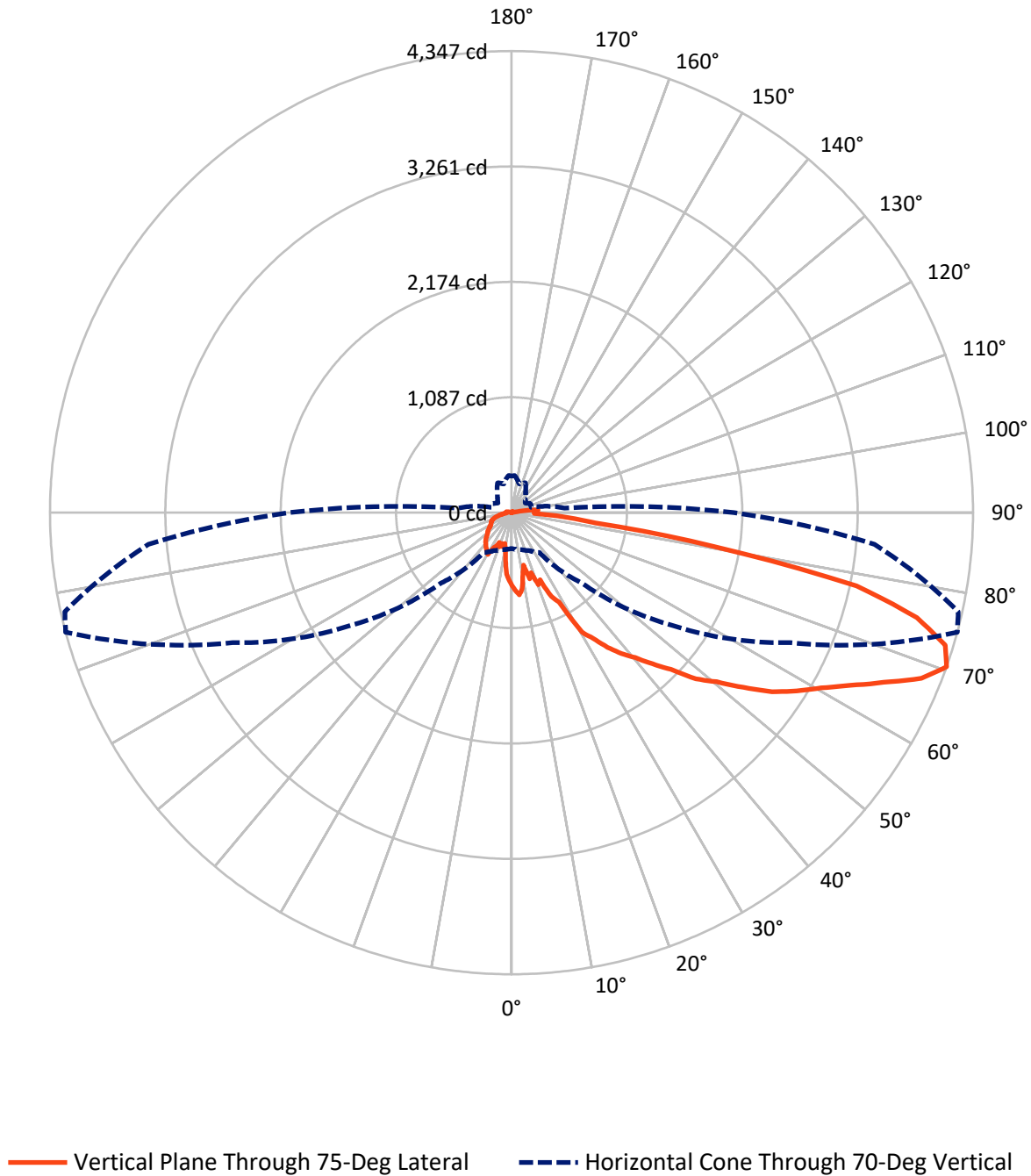


Based on 10 foot mounting height. Maximum calculated value = 10.7 fc  
 Type II - Medium - N/A

REPORT NUMBER: P560974

CATALOG NUMBER: SDL-PA1-70-827-U-T2R-A

## Luminous Intensity Polar Plot



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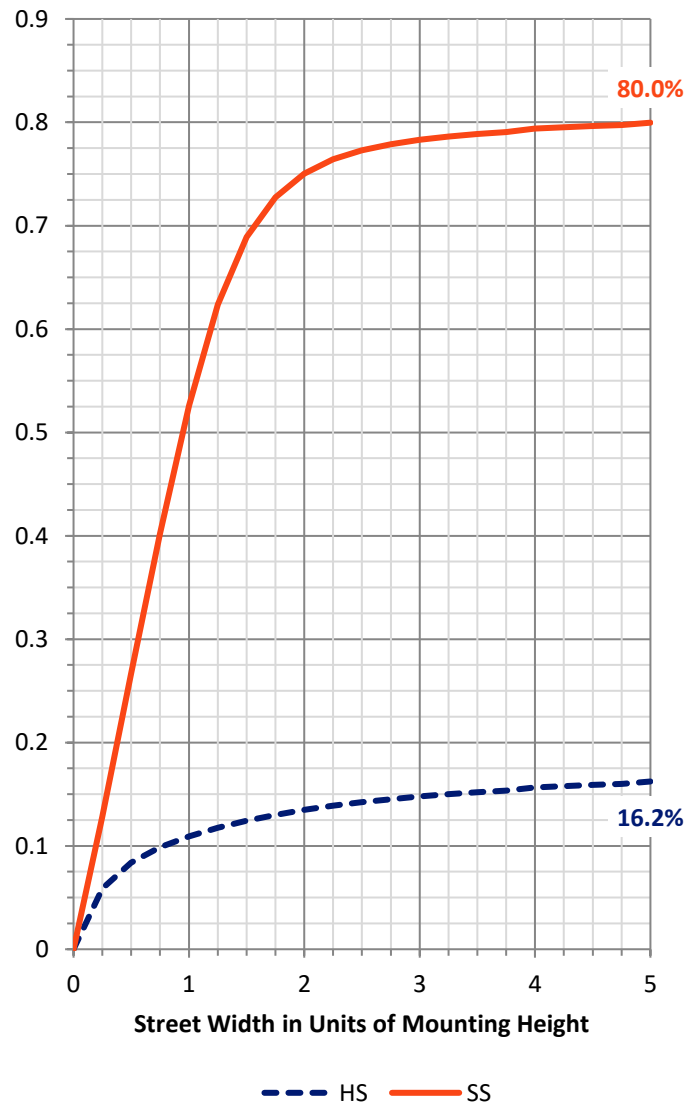
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 875.6    | 52.3   | 927.9  |
|                    | % Fixture | 17.1     | 1.0    | 18.1   |
| <b>Street Side</b> | Lumens    | 4127.7   | 66.2   | 4193.9 |
|                    | % Fixture | 80.6     | 1.3    | 81.9   |
| <b>Total</b>       | Lumens    | 5003.3   | 118.5  | 5121.8 |
|                    | % Fixture | 97.7     | 2.3    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 57.2   | 1.1       |
| 10°-20°   | 149.4  | 2.9       |
| 20°-30°   | 269.7  | 5.3       |
| 30°-40°   | 551.1  | 10.8      |
| 40°-50°   | 865.5  | 16.9      |
| 50°-60°   | 1062.8 | 20.7      |
| 60°-70°   | 1057.0 | 20.6      |
| 70°-80°   | 781.8  | 15.3      |
| 80°-90°   | 208.9  | 4.1       |
| 90°-100°  | 77.2   | 1.5       |
| 100°-110° | 18.0   | 0.4       |
| 110°-120° | 8.5    | 0.2       |
| 120°-130° | 7.6    | 0.1       |
| 130°-140° | 3.7    | 0.1       |
| 140°-150° | 1.8    | 0.0       |
| 150°-160° | 1.6    | 0.0       |
| 160°-170° | 0.1    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 5003.3 | 97.7      |
| 0°-180°   | 5121.8 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P560974

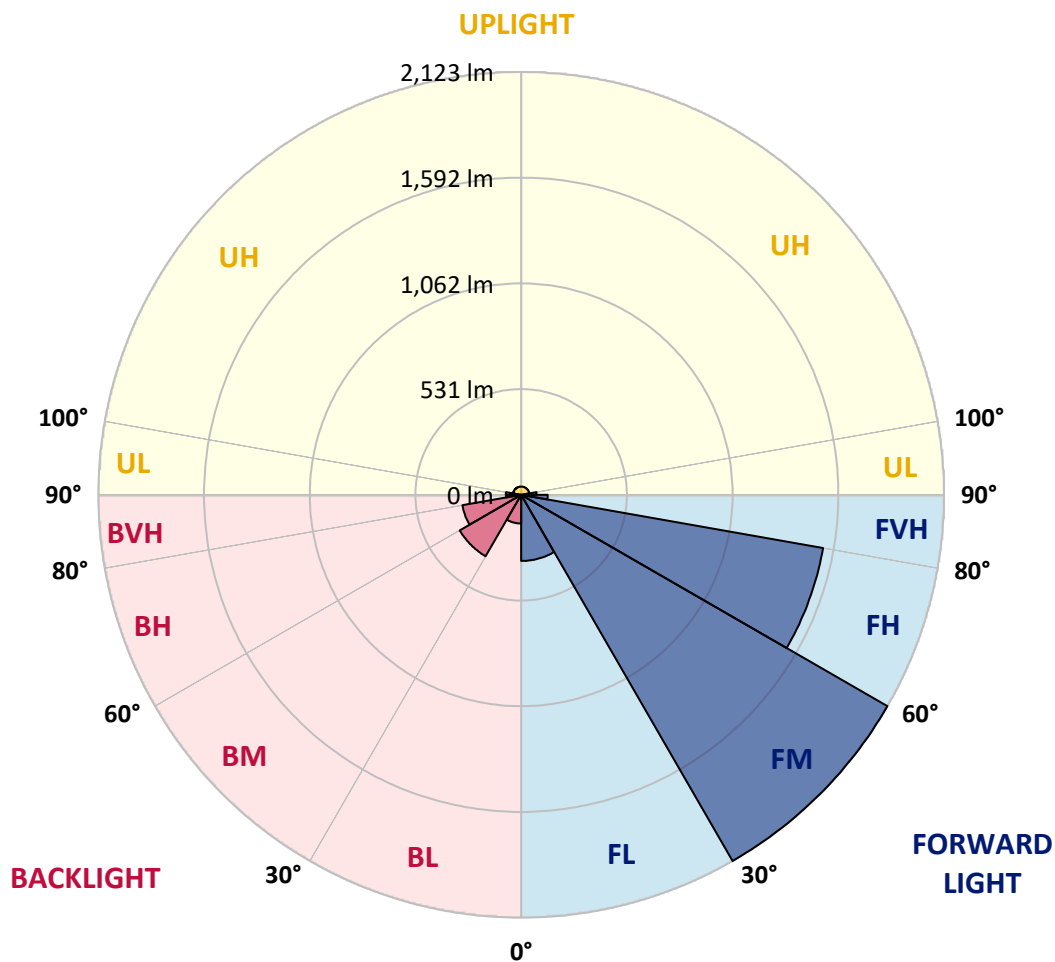
CATALOG NUMBER: SDL-PA1-70-827-U-T2R-A

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 332.0  | 6.5       |                         |        |         |
| FM   | (30°-60°)   | 2123.1 | 41.5      |                         |        |         |
| FH   | (60°-80°)   | 1539.3 | 30.1      |                         |        | G1/1800 |
| FVH  | (80°-90°)   | 133.3  | 2.6       |                         |        | G2/225  |
| BL   | (0°-30°)    | 144.3  | 2.8       | B1/500                  |        |         |
| BM   | (30°-60°)   | 356.3  | 7.0       | B1/1000                 |        |         |
| BH   | (60°-80°)   | 299.5  | 5.8       | B1/500                  |        | G1/500  |
| BVH  | (80°-90°)   | 75.5   | 1.5       |                         |        | G1/100  |
| UL   | (90°-100°)  | 77.2   | 1.5       |                         | U3/500 |         |
| UH   | (100°-180°) | 41.4   | 0.8       |                         | U2/50  |         |

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

Type II Medium



REPORT NUMBER: P560974

CATALOG NUMBER: SDL-PA1-70-827-U-T2R-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 77.5°  | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 686.5  | 686.5  | 686.5  | 686.5  | 686.5  | 686.5  | 686.5  | 686.5  | 686.5  | 686.5  | 686.5  |
| 2.5°   | 712.6  | 752.6  | 770.6  | 790.6  | 808.6  | 798.6  | 782.6  | 758.6  | 736.6  | 728.6  | 704.5  |
| 5°     | 786.6  | 782.6  | 780.6  | 774.6  | 764.6  | 746.6  | 724.6  | 810.6  | 776.6  | 762.6  | 722.6  |
| 7.5°   | 692.5  | 802.6  | 814.6  | 826.6  | 822.6  | 800.6  | 772.6  | 694.5  | 724.6  | 706.5  | 656.5  |
| 10°    | 846.7  | 846.7  | 842.7  | 846.7  | 800.6  | 764.6  | 654.5  | 608.5  | 586.5  | 634.5  | 588.5  |
| 12.5°  | 720.6  | 784.6  | 864.7  | 880.7  | 810.6  | 710.6  | 664.5  | 642.5  | 506.4  | 500.4  | 536.4  |
| 15°    | 838.7  | 848.7  | 850.7  | 854.7  | 690.5  | 744.6  | 614.5  | 570.4  | 646.5  | 628.5  | 634.5  |
| 17.5°  | 674.5  | 684.5  | 814.6  | 806.6  | 742.6  | 594.5  | 718.6  | 644.5  | 594.5  | 572.4  | 564.4  |
| 20°    | 848.7  | 850.7  | 844.7  | 682.5  | 716.6  | 776.6  | 672.5  | 652.5  | 724.6  | 722.6  | 692.5  |
| 22.5°  | 722.6  | 724.6  | 746.6  | 822.6  | 740.6  | 784.6  | 676.5  | 814.6  | 686.5  | 688.5  | 534.4  |
| 25°    | 966.8  | 968.8  | 948.7  | 732.6  | 832.6  | 736.6  | 820.6  | 732.6  | 876.7  | 848.7  | 782.6  |
| 27.5°  | 1014.8 | 940.7  | 864.7  | 908.7  | 794.6  | 914.7  | 780.6  | 886.7  | 952.7  | 946.7  | 956.7  |
| 30°    | 1287.0 | 1291.0 | 1239.0 | 994.8  | 930.7  | 902.7  | 900.7  | 1052.8 | 1305.0 | 1315.0 | 1148.9 |
| 32.5°  | 1743.4 | 1719.3 | 1463.1 | 1227.0 | 1002.8 | 1100.9 | 1010.8 | 1218.9 | 1411.1 | 1405.1 | 1231.0 |
| 35°    | 1951.5 | 1927.5 | 1831.4 | 1515.2 | 1158.9 | 1188.9 | 1140.9 | 1297.0 | 1557.2 | 1511.2 | 1313.0 |
| 37.5°  | 2127.7 | 2123.6 | 2043.6 | 1669.3 | 1317.0 | 1361.1 | 1218.9 | 1393.1 | 1683.3 | 1635.3 | 1397.1 |
| 40°    | 2279.8 | 2265.8 | 2195.7 | 1807.4 | 1479.1 | 1481.1 | 1317.0 | 1509.2 | 1795.4 | 1807.4 | 1479.1 |
| 42.5°  | 2405.9 | 2393.9 | 2335.8 | 1945.5 | 1575.2 | 1587.2 | 1421.1 | 1627.3 | 1945.5 | 1967.5 | 1607.2 |
| 45°    | 2457.9 | 2463.9 | 2423.9 | 2069.6 | 1661.3 | 1683.3 | 1545.2 | 1747.4 | 2105.6 | 2123.6 | 1721.3 |
| 47.5°  | 2495.9 | 2497.9 | 2487.9 | 2171.7 | 1753.4 | 1763.4 | 1667.3 | 1855.4 | 2337.8 | 2301.8 | 1855.4 |
| 50°    | 2409.9 | 2401.9 | 2411.9 | 2249.7 | 1833.4 | 1845.4 | 1769.4 | 1967.5 | 2503.9 | 2457.9 | 1995.5 |
| 52.5°  | 2183.7 | 2193.7 | 2297.8 | 2209.7 | 1859.4 | 1883.5 | 1865.4 | 2065.6 | 2734.1 | 2698.1 | 2195.7 |
| 55°    | 1615.3 | 1659.3 | 1959.5 | 2045.6 | 1857.4 | 1899.5 | 1953.5 | 2251.7 | 2976.3 | 2922.3 | 2365.8 |
| 57.5°  | 1307.0 | 1307.0 | 1483.2 | 1765.4 | 1755.4 | 1889.5 | 2043.6 | 2377.8 | 3168.5 | 3130.4 | 2536.0 |
| 60°    | 1048.8 | 1048.8 | 1144.9 | 1401.1 | 1557.2 | 1839.4 | 2135.7 | 2564.0 | 3350.6 | 3328.6 | 2686.1 |
| 62.5°  | 822.6  | 820.6  | 900.7  | 1044.8 | 1277.0 | 1729.3 | 2183.7 | 2724.1 | 3578.8 | 3574.8 | 2926.3 |
| 65°    | 594.5  | 602.5  | 670.5  | 760.6  | 1002.8 | 1523.2 | 2181.7 | 2868.2 | 3853.0 | 3865.0 | 3196.5 |
| 67.5°  | 440.3  | 444.3  | 482.4  | 548.4  | 688.5  | 1263.0 | 2085.6 | 2968.3 | 4163.2 | 4143.2 | 3368.6 |
| 70°    | 338.3  | 344.3  | 360.3  | 394.3  | 458.4  | 938.7  | 1853.4 | 2898.2 | 4347.4 | 4309.3 | 3432.7 |
| 72.5°  | 284.2  | 286.2  | 284.2  | 302.2  | 306.2  | 636.5  | 1485.2 | 2632.0 | 4271.3 | 4211.3 | 3256.5 |
| 75°    | 242.2  | 240.2  | 238.2  | 242.2  | 226.2  | 420.3  | 1064.8 | 2227.7 | 3943.1 | 3839.0 | 2876.2 |
| 77.5°  | 208.2  | 206.2  | 198.2  | 200.2  | 180.1  | 310.2  | 726.6  | 1747.4 | 3322.6 | 3078.4 | 2161.7 |
| 80°    | 172.1  | 172.1  | 166.1  | 166.1  | 152.1  | 236.2  | 464.4  | 1204.9 | 1935.5 | 1741.4 | 1124.9 |
| 82.5°  | 134.1  | 132.1  | 132.1  | 136.1  | 130.1  | 184.1  | 304.2  | 600.5  | 798.6  | 748.6  | 526.4  |
| 85°    | 72.1   | 72.1   | 82.1   | 92.1   | 90.1   | 112.1  | 232.2  | 354.3  | 472.4  | 456.4  | 294.2  |
| 87.5°  | 22.0   | 22.0   | 24.0   | 30.0   | 32.0   | 60.0   | 146.1  | 172.1  | 214.2  | 236.2  | 232.2  |
| 90°    | 24.0   | 22.0   | 16.0   | 18.0   | 20.0   | 44.0   | 136.1  | 166.1  | 216.2  | 240.2  | 246.2  |
| 92.5°  | 28.0   | 26.0   | 16.0   | 16.0   | 20.0   | 36.0   | 130.1  | 162.1  | 236.2  | 260.2  | 266.2  |
| 95°    | 30.0   | 28.0   | 16.0   | 16.0   | 20.0   | 32.0   | 116.1  | 160.1  | 252.2  | 284.2  | 284.2  |
| 97.5°  | 28.0   | 26.0   | 12.0   | 14.0   | 18.0   | 28.0   | 90.1   | 132.1  | 176.1  | 194.2  | 224.2  |
| 100°   | 24.0   | 24.0   | 8.0    | 12.0   | 16.0   | 20.0   | 52.0   | 72.1   | 52.0   | 50.0   | 50.0   |
| 102.5° | 22.0   | 22.0   | 8.0    | 10.0   | 12.0   | 14.0   | 24.0   | 38.0   | 12.0   | 14.0   | 18.0   |
| 105°   | 22.0   | 24.0   | 6.0    | 8.0    | 8.0    | 8.0    | 12.0   | 20.0   | 10.0   | 12.0   | 18.0   |
| 107.5° | 22.0   | 24.0   | 6.0    | 6.0    | 8.0    | 6.0    | 6.0    | 8.0    | 10.0   | 12.0   | 20.0   |
| 110°   | 20.0   | 20.0   | 4.0    | 6.0    | 6.0    | 6.0    | 4.0    | 6.0    | 10.0   | 14.0   | 20.0   |

REPORT NUMBER: P560974

CATALOG NUMBER: SDL-PA1-70-827-U-T2R-A

**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 15°  | 25° | 35° | 45° | 55° | 65° | 75°  | 77.5° | 85°  |
|--------|------|------|------|-----|-----|-----|-----|-----|------|-------|------|
| 112.5° | 14.0 | 14.0 | 4.0  | 6.0 | 6.0 | 6.0 | 4.0 | 6.0 | 10.0 | 14.0  | 20.0 |
| 115°   | 10.0 | 8.0  | 4.0  | 6.0 | 4.0 | 6.0 | 4.0 | 6.0 | 10.0 | 14.0  | 18.0 |
| 117.5° | 8.0  | 6.0  | 4.0  | 4.0 | 4.0 | 4.0 | 2.0 | 6.0 | 12.0 | 16.0  | 22.0 |
| 120°   | 8.0  | 8.0  | 4.0  | 4.0 | 4.0 | 4.0 | 2.0 | 6.0 | 18.0 | 20.0  | 28.0 |
| 122.5° | 8.0  | 8.0  | 4.0  | 4.0 | 4.0 | 4.0 | 2.0 | 4.0 | 16.0 | 22.0  | 30.0 |
| 125°   | 8.0  | 8.0  | 4.0  | 4.0 | 4.0 | 4.0 | 2.0 | 4.0 | 14.0 | 20.0  | 26.0 |
| 127.5° | 8.0  | 8.0  | 4.0  | 2.0 | 4.0 | 4.0 | 4.0 | 4.0 | 12.0 | 16.0  | 22.0 |
| 130°   | 8.0  | 8.0  | 4.0  | 2.0 | 4.0 | 4.0 | 4.0 | 4.0 | 10.0 | 12.0  | 18.0 |
| 132.5° | 6.0  | 6.0  | 4.0  | 2.0 | 4.0 | 2.0 | 2.0 | 4.0 | 8.0  | 10.0  | 14.0 |
| 135°   | 4.0  | 4.0  | 4.0  | 2.0 | 4.0 | 2.0 | 2.0 | 2.0 | 4.0  | 6.0   | 10.0 |
| 137.5° | 2.0  | 4.0  | 2.0  | 2.0 | 4.0 | 2.0 | 2.0 | 2.0 | 2.0  | 2.0   | 4.0  |
| 140°   | 2.0  | 2.0  | 2.0  | 2.0 | 4.0 | 2.0 | 2.0 | 2.0 | 2.0  | 2.0   | 2.0  |
| 142.5° | 2.0  | 2.0  | 2.0  | 2.0 | 4.0 | 4.0 | 2.0 | 2.0 | 2.0  | 2.0   | 2.0  |
| 145°   | 2.0  | 2.0  | 2.0  | 2.0 | 6.0 | 4.0 | 2.0 | 2.0 | 2.0  | 2.0   | 2.0  |
| 147.5° | 2.0  | 2.0  | 2.0  | 8.0 | 6.0 | 4.0 | 2.0 | 2.0 | 2.0  | 2.0   | 2.0  |
| 150°   | 10.0 | 10.0 | 10.0 | 8.0 | 6.0 | 4.0 | 6.0 | 2.0 | 2.0  | 2.0   | 2.0  |
| 152.5° | 10.0 | 10.0 | 12.0 | 6.0 | 4.0 | 2.0 | 2.0 | 8.0 | 6.0  | 4.0   | 4.0  |
| 155°   | 8.0  | 6.0  | 6.0  | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 6.0  | 8.0   | 8.0  |
| 157.5° | 2.0  | 2.0  | 4.0  | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.0  | 2.0   | 2.0  |
| 160°   | 0.0  | 0.0  | 0.0  | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0  | 2.0   | 2.0  |
| 162.5° | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0   | 0.0  |
| 165°   | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0   | 0.0  |
| 167.5° | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0   | 0.0  |
| 170°   | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0   | 0.0  |
| 172.5° | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0   | 0.0  |
| 175°   | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0   | 0.0  |
| 177.5° | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0   | 0.0  |
| 180°   | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0   | 0.0  |



REPORT NUMBER: P560974

CATALOG NUMBER: SDL-PA1-70-827-U-T2R-A

**CANDELA DISTRIBUTION (continued):**

|        | 90°    | 95°   | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 686.5  | 686.5 | 686.5 | 686.5 | 686.5 | 686.5 | 686.5 | 686.5 | 686.5 | 686.5 | 686.5 |
| 2.5°   | 690.5  | 674.5 | 636.5 | 608.5 | 574.4 | 544.4 | 518.4 | 460.4 | 450.3 | 444.3 | 442.3 |
| 5°     | 690.5  | 656.5 | 582.5 | 492.4 | 422.3 | 406.3 | 398.3 | 398.3 | 394.3 | 396.3 | 398.3 |
| 7.5°   | 612.5  | 566.4 | 454.4 | 384.3 | 396.3 | 396.3 | 398.3 | 388.3 | 356.3 | 360.3 | 354.3 |
| 10°    | 536.4  | 478.4 | 342.3 | 312.2 | 342.3 | 344.3 | 390.3 | 408.3 | 414.3 | 416.3 | 416.3 |
| 12.5°  | 494.4  | 412.3 | 296.2 | 306.2 | 276.2 | 316.2 | 372.3 | 416.3 | 378.3 | 358.3 | 358.3 |
| 15°    | 568.4  | 488.4 | 332.3 | 268.2 | 272.2 | 316.2 | 282.2 | 394.3 | 408.3 | 412.3 | 412.3 |
| 17.5°  | 510.4  | 430.3 | 304.2 | 276.2 | 304.2 | 260.2 | 318.2 | 362.3 | 346.3 | 328.3 | 326.3 |
| 20°    | 612.5  | 508.4 | 340.3 | 270.2 | 268.2 | 308.2 | 282.2 | 296.2 | 370.3 | 372.3 | 370.3 |
| 22.5°  | 476.4  | 406.3 | 302.2 | 306.2 | 268.2 | 294.2 | 278.2 | 306.2 | 292.2 | 290.2 | 292.2 |
| 25°    | 660.5  | 526.4 | 348.3 | 264.2 | 280.2 | 260.2 | 280.2 | 258.2 | 310.2 | 314.2 | 316.2 |
| 27.5°  | 808.6  | 628.5 | 370.3 | 286.2 | 244.2 | 266.2 | 250.2 | 258.2 | 240.2 | 250.2 | 254.2 |
| 30°    | 962.7  | 732.6 | 452.4 | 316.2 | 258.2 | 228.2 | 232.2 | 230.2 | 260.2 | 258.2 | 254.2 |
| 32.5°  | 1012.8 | 746.6 | 432.3 | 330.3 | 256.2 | 230.2 | 212.2 | 226.2 | 248.2 | 266.2 | 268.2 |
| 35°    | 1062.8 | 756.6 | 416.3 | 316.2 | 250.2 | 216.2 | 208.2 | 232.2 | 250.2 | 252.2 | 258.2 |
| 37.5°  | 1120.9 | 764.6 | 400.3 | 296.2 | 232.2 | 212.2 | 206.2 | 216.2 | 256.2 | 252.2 | 246.2 |
| 40°    | 1174.9 | 768.6 | 380.3 | 278.2 | 212.2 | 208.2 | 192.1 | 216.2 | 226.2 | 234.2 | 238.2 |
| 42.5°  | 1271.0 | 792.6 | 364.3 | 262.2 | 198.2 | 198.2 | 184.1 | 202.2 | 232.2 | 236.2 | 234.2 |
| 45°    | 1341.0 | 784.6 | 342.3 | 248.2 | 184.1 | 176.1 | 180.1 | 220.2 | 234.2 | 258.2 | 254.2 |
| 47.5°  | 1441.1 | 804.6 | 316.2 | 226.2 | 172.1 | 162.1 | 170.1 | 214.2 | 240.2 | 258.2 | 262.2 |
| 50°    | 1539.2 | 800.6 | 294.2 | 208.2 | 164.1 | 154.1 | 188.1 | 208.2 | 236.2 | 266.2 | 266.2 |
| 52.5°  | 1667.3 | 806.6 | 284.2 | 192.1 | 154.1 | 154.1 | 194.2 | 210.2 | 242.2 | 262.2 | 262.2 |
| 55°    | 1781.4 | 784.6 | 260.2 | 186.1 | 152.1 | 148.1 | 196.2 | 218.2 | 244.2 | 262.2 | 264.2 |
| 57.5°  | 1865.4 | 740.6 | 242.2 | 180.1 | 150.1 | 152.1 | 196.2 | 236.2 | 228.2 | 262.2 | 268.2 |
| 60°    | 1957.5 | 692.5 | 226.2 | 180.1 | 150.1 | 158.1 | 202.2 | 250.2 | 250.2 | 274.2 | 274.2 |
| 62.5°  | 2083.6 | 662.5 | 218.2 | 182.1 | 146.1 | 164.1 | 220.2 | 272.2 | 252.2 | 290.2 | 292.2 |
| 65°    | 2189.7 | 622.5 | 212.2 | 190.1 | 148.1 | 172.1 | 230.2 | 290.2 | 264.2 | 308.2 | 306.2 |
| 67.5°  | 2191.7 | 562.4 | 204.2 | 198.2 | 150.1 | 178.1 | 230.2 | 302.2 | 278.2 | 324.3 | 318.2 |
| 70°    | 2095.6 | 502.4 | 192.1 | 198.2 | 156.1 | 184.1 | 230.2 | 310.2 | 280.2 | 350.3 | 344.3 |
| 72.5°  | 1889.5 | 410.3 | 174.1 | 190.1 | 166.1 | 192.1 | 242.2 | 308.2 | 280.2 | 378.3 | 372.3 |
| 75°    | 1607.2 | 328.3 | 150.1 | 174.1 | 166.1 | 202.2 | 250.2 | 306.2 | 270.2 | 360.3 | 348.3 |
| 77.5°  | 1222.9 | 268.2 | 126.1 | 152.1 | 158.1 | 206.2 | 250.2 | 302.2 | 262.2 | 336.3 | 328.3 |
| 80°    | 630.5  | 188.1 | 102.1 | 130.1 | 148.1 | 202.2 | 248.2 | 286.2 | 234.2 | 298.2 | 294.2 |
| 82.5°  | 346.3  | 138.1 | 82.1  | 96.1  | 124.1 | 190.1 | 240.2 | 258.2 | 206.2 | 244.2 | 234.2 |
| 85°    | 224.2  | 100.1 | 66.1  | 78.1  | 104.1 | 158.1 | 202.2 | 204.2 | 146.1 | 176.1 | 166.1 |
| 87.5°  | 168.1  | 58.0  | 42.0  | 48.0  | 72.1  | 88.1  | 128.1 | 132.1 | 92.1  | 108.1 | 102.1 |
| 90°    | 176.1  | 58.0  | 44.0  | 50.0  | 64.0  | 66.1  | 94.1  | 100.1 | 72.1  | 82.1  | 82.1  |
| 92.5°  | 188.1  | 58.0  | 46.0  | 52.0  | 58.0  | 52.0  | 74.1  | 82.1  | 60.0  | 66.1  | 64.0  |
| 95°    | 192.1  | 56.0  | 50.0  | 54.0  | 52.0  | 42.0  | 60.0  | 66.1  | 50.0  | 50.0  | 50.0  |
| 97.5°  | 140.1  | 40.0  | 50.0  | 54.0  | 48.0  | 34.0  | 46.0  | 52.0  | 32.0  | 26.0  | 26.0  |
| 100°   | 38.0   | 20.0  | 48.0  | 52.0  | 42.0  | 28.0  | 40.0  | 40.0  | 20.0  | 14.0  | 14.0  |
| 102.5° | 16.0   | 16.0  | 42.0  | 46.0  | 32.0  | 18.0  | 28.0  | 28.0  | 14.0  | 6.0   | 6.0   |
| 105°   | 16.0   | 12.0  | 30.0  | 34.0  | 22.0  | 10.0  | 14.0  | 16.0  | 10.0  | 6.0   | 6.0   |
| 107.5° | 16.0   | 12.0  | 14.0  | 18.0  | 10.0  | 8.0   | 8.0   | 8.0   | 6.0   | 6.0   | 6.0   |
| 110°   | 18.0   | 12.0  | 8.0   | 10.0  | 8.0   | 6.0   | 6.0   | 6.0   | 6.0   | 8.0   | 10.0  |



REPORT NUMBER: P560974

CATALOG NUMBER: SDL-PA1-70-827-U-T2R-A

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 20.0 | 14.0 | 8.0  | 10.0 | 8.0  | 6.0  | 6.0  | 6.0  | 8.0  | 18.0 | 18.0 |
| 115°   | 18.0 | 12.0 | 8.0  | 8.0  | 6.0  | 6.0  | 4.0  | 4.0  | 8.0  | 22.0 | 22.0 |
| 117.5° | 20.0 | 14.0 | 8.0  | 8.0  | 6.0  | 4.0  | 4.0  | 4.0  | 10.0 | 26.0 | 26.0 |
| 120°   | 24.0 | 16.0 | 8.0  | 6.0  | 4.0  | 4.0  | 4.0  | 4.0  | 12.0 | 28.0 | 28.0 |
| 122.5° | 26.0 | 18.0 | 8.0  | 6.0  | 4.0  | 2.0  | 4.0  | 6.0  | 14.0 | 28.0 | 28.0 |
| 125°   | 22.0 | 16.0 | 8.0  | 6.0  | 4.0  | 2.0  | 4.0  | 6.0  | 14.0 | 26.0 | 28.0 |
| 127.5° | 20.0 | 14.0 | 8.0  | 4.0  | 4.0  | 2.0  | 2.0  | 6.0  | 12.0 | 20.0 | 24.0 |
| 130°   | 16.0 | 12.0 | 6.0  | 4.0  | 4.0  | 2.0  | 2.0  | 4.0  | 12.0 | 18.0 | 22.0 |
| 132.5° | 14.0 | 10.0 | 6.0  | 4.0  | 4.0  | 2.0  | 2.0  | 4.0  | 12.0 | 16.0 | 16.0 |
| 135°   | 10.0 | 8.0  | 4.0  | 4.0  | 4.0  | 2.0  | 4.0  | 2.0  | 8.0  | 14.0 | 14.0 |
| 137.5° | 6.0  | 4.0  | 4.0  | 4.0  | 4.0  | 2.0  | 2.0  | 2.0  | 6.0  | 8.0  | 8.0  |
| 140°   | 2.0  | 2.0  | 4.0  | 4.0  | 4.0  | 2.0  | 2.0  | 2.0  | 4.0  | 4.0  | 4.0  |
| 142.5° | 2.0  | 2.0  | 4.0  | 4.0  | 4.0  | 2.0  | 2.0  | 2.0  | 4.0  | 4.0  | 4.0  |
| 145°   | 2.0  | 2.0  | 2.0  | 4.0  | 4.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 4.0  |
| 147.5° | 2.0  | 2.0  | 2.0  | 4.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 4.0  |
| 150°   | 2.0  | 2.0  | 2.0  | 4.0  | 4.0  | 2.0  | 2.0  | 4.0  | 4.0  | 4.0  | 4.0  |
| 152.5° | 2.0  | 2.0  | 4.0  | 4.0  | 2.0  | 2.0  | 2.0  | 4.0  | 4.0  | 4.0  | 4.0  |
| 155°   | 6.0  | 6.0  | 4.0  | 4.0  | 2.0  | 2.0  | 0.0  | 2.0  | 4.0  | 4.0  | 4.0  |
| 157.5° | 2.0  | 2.0  | 4.0  | 2.0  | 2.0  | 2.0  | 0.0  | 2.0  | 2.0  | 2.0  | 2.0  |
| 160°   | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 0.0  | 2.0  | 2.0  | 2.0  | 2.0  |
| 162.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 180°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

(END OF REPORT)