

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: P560662

Luminaire Tested: **SDL-PA1-60-722-U-SL3-A**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P560662  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: SDL-PA1-60-722-U-SL3-A  
Description: Springdale  
(1) 70 CRI, 2200K, 800mA LIGHT ENGINE WITH 24 LEDS AND TYPE III SPILL  
LIGHT ELIMINATOR OPTICS AND CLEAR PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5126.9 lumens  
Efficiency: N/A  
Efficacy: 82.2 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')  
IES Classification: Type III - Medium  
BUG Rating: B1 - U3 - G2

Input Watts (W): 62.4  
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

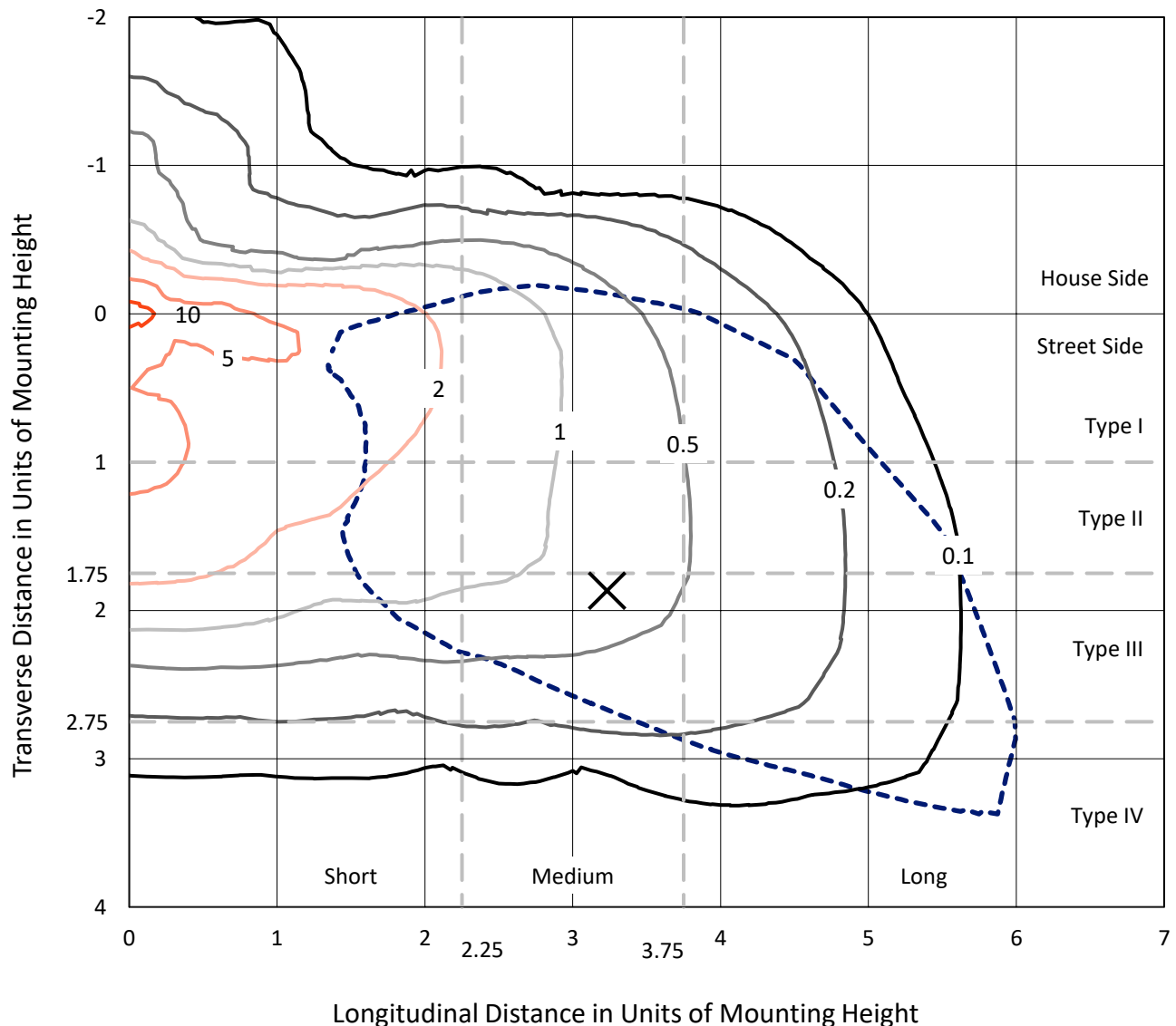


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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

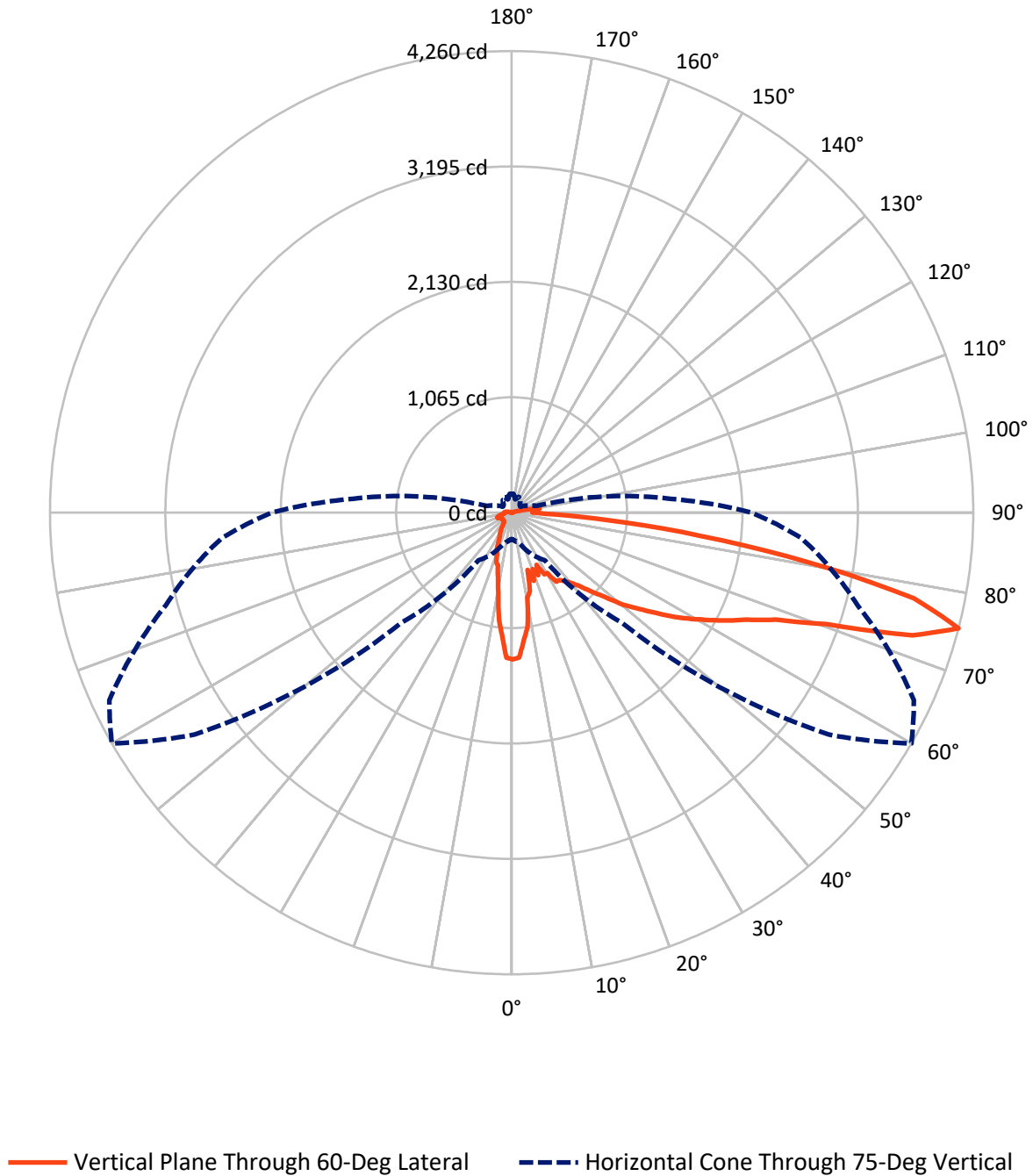


Based on 10 foot mounting height. Maximum calculated value = 13.5 fc  
 Type III - Medium - N/A

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## Luminous Intensity Polar Plot



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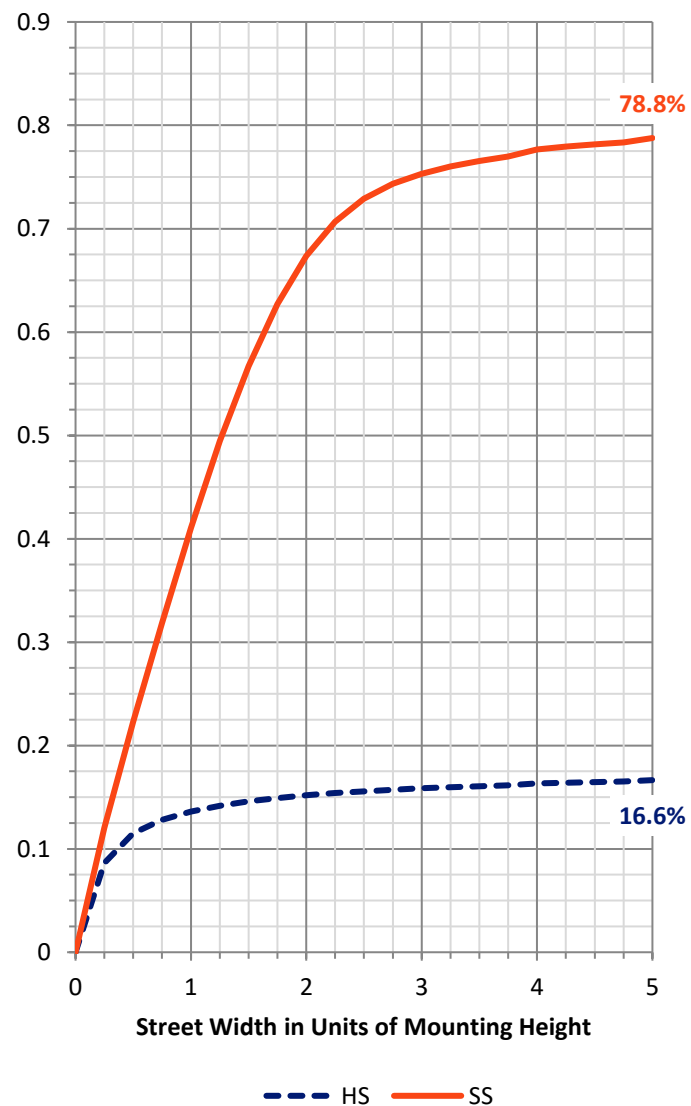
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 900.1    | 68.2   | 968.3  |
|                    | % Fixture | 17.6     | 1.3    | 18.9   |
| <b>Street Side</b> | Lumens    | 4086.4   | 72.2   | 4158.6 |
|                    | % Fixture | 79.7     | 1.4    | 81.1   |
| <b>Total</b>       | Lumens    | 4986.5   | 140.4  | 5126.9 |
|                    | % Fixture | 97.3     | 2.7    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 99.6   | 1.9       |
| 10°-20°   | 177.3  | 3.5       |
| 20°-30°   | 229.8  | 4.5       |
| 30°-40°   | 382.9  | 7.5       |
| 40°-50°   | 613.1  | 12.0      |
| 50°-60°   | 941.3  | 18.4      |
| 60°-70°   | 1176.2 | 22.9      |
| 70°-80°   | 1072.8 | 20.9      |
| 80°-90°   | 293.6  | 5.7       |
| 90°-100°  | 98.6   | 1.9       |
| 100°-110° | 22.4   | 0.4       |
| 110°-120° | 7.1    | 0.1       |
| 120°-130° | 6.6    | 0.1       |
| 130°-140° | 3.1    | 0.1       |
| 140°-150° | 1.3    | 0.0       |
| 150°-160° | 1.2    | 0.0       |
| 160°-170° | 0.1    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 4986.5 | 97.3      |
| 0°-180°   | 5126.9 | 100.0     |

**Coefficient of Utilization**



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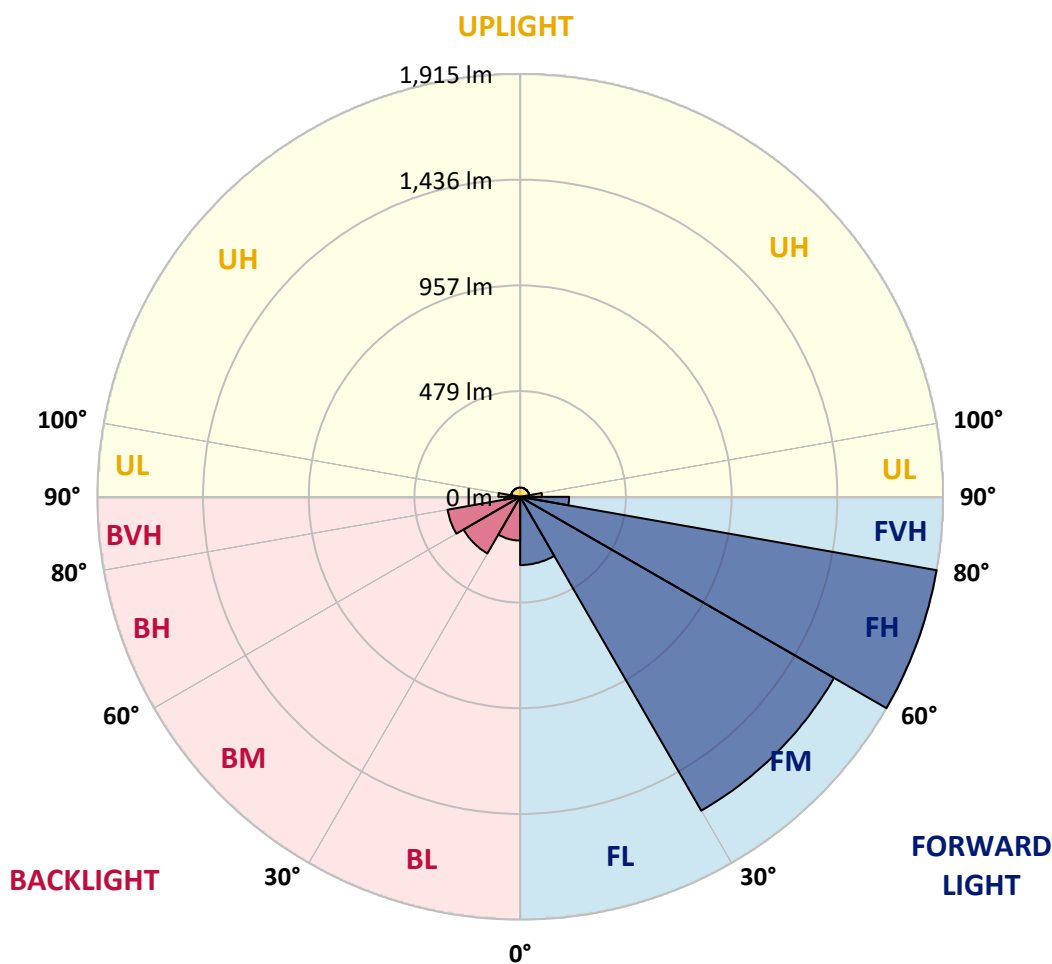
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 308.8  | 6.0       |                         |        |         |
| FM   | (30°-60°)   | 1641.1 | 32.0      |                         |        |         |
| FH   | (60°-80°)   | 1915.0 | 37.4      |                         |        | G2/5000 |
| FVH  | (80°-90°)   | 221.5  | 4.3       |                         |        | G2/225  |
| BL   | (0°-30°)    | 197.9  | 3.9       | B1/500                  |        |         |
| BM   | (30°-60°)   | 296.2  | 5.8       | B1/1000                 |        |         |
| BH   | (60°-80°)   | 334.0  | 6.5       | B1/500                  |        | G1/500  |
| BVH  | (80°-90°)   | 72.0   | 1.4       |                         |        | G1/100  |
| UL   | (90°-100°)  | 98.6   | 1.9       |                         | U3/500 |         |
| UH   | (100°-180°) | 41.8   | 0.8       |                         | U2/50  |         |

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

Type III Medium



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 60°    | 65°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1353.9 | 1353.9 | 1353.9 | 1353.9 | 1353.9 | 1353.9 | 1353.9 | 1353.9 | 1353.9 | 1353.9 | 1353.9 |
| 2.5°   | 1135.9 | 1241.9 | 1231.9 | 1313.9 | 1313.9 | 1331.9 | 1339.9 | 1337.9 | 1345.9 | 1353.9 | 1351.9 |
| 5°     | 1046.0 | 1048.0 | 1055.9 | 1073.9 | 1079.9 | 1085.9 | 1105.9 | 1175.9 | 1293.9 | 1321.9 | 1321.9 |
| 7.5°   | 864.0  | 912.0  | 972.0  | 982.0  | 1018.0 | 1036.0 | 1057.9 | 1061.9 | 982.0  | 1125.9 | 1139.9 |
| 10°    | 876.0  | 878.0  | 874.0  | 896.0  | 870.0  | 860.0  | 790.0  | 794.0  | 802.0  | 856.0  | 964.0  |
| 12.5°  | 686.0  | 726.0  | 812.0  | 852.0  | 788.0  | 718.0  | 714.0  | 748.0  | 762.0  | 682.0  | 850.0  |
| 15°    | 784.0  | 788.0  | 790.0  | 792.0  | 588.0  | 682.0  | 596.0  | 548.0  | 614.0  | 774.0  | 880.0  |
| 17.5°  | 614.0  | 618.0  | 712.0  | 710.0  | 648.0  | 524.0  | 648.0  | 662.0  | 636.0  | 658.0  | 736.0  |
| 20°    | 720.0  | 722.0  | 716.0  | 556.0  | 568.0  | 642.0  | 558.0  | 556.0  | 588.0  | 758.0  | 856.0  |
| 22.5°  | 592.0  | 584.0  | 582.0  | 636.0  | 578.0  | 618.0  | 542.0  | 628.0  | 682.0  | 676.0  | 646.0  |
| 25°    | 742.0  | 740.0  | 710.0  | 554.0  | 592.0  | 524.0  | 634.0  | 532.0  | 590.0  | 818.0  | 856.0  |
| 27.5°  | 694.0  | 666.0  | 616.0  | 640.0  | 552.0  | 614.0  | 564.0  | 644.0  | 680.0  | 840.0  | 992.0  |
| 30°    | 898.0  | 878.0  | 820.0  | 646.0  | 610.0  | 566.0  | 604.0  | 646.0  | 774.0  | 1081.9 | 1133.9 |
| 32.5°  | 1185.9 | 1163.9 | 956.0  | 792.0  | 640.0  | 670.0  | 636.0  | 758.0  | 854.0  | 1103.9 | 1143.9 |
| 35°    | 1273.9 | 1243.9 | 1141.9 | 960.0  | 734.0  | 712.0  | 678.0  | 764.0  | 866.0  | 1161.9 | 1161.9 |
| 37.5°  | 1323.9 | 1321.9 | 1273.9 | 1059.9 | 828.0  | 816.0  | 730.0  | 802.0  | 914.0  | 1217.9 | 1205.9 |
| 40°    | 1331.9 | 1341.9 | 1363.9 | 1147.9 | 940.0  | 914.0  | 798.0  | 854.0  | 982.0  | 1285.9 | 1261.9 |
| 42.5°  | 1397.9 | 1415.9 | 1465.9 | 1263.9 | 1051.9 | 1028.0 | 878.0  | 930.0  | 1055.9 | 1385.9 | 1379.9 |
| 45°    | 1503.9 | 1521.9 | 1565.9 | 1391.9 | 1149.9 | 1133.9 | 1008.0 | 1040.0 | 1175.9 | 1561.9 | 1505.9 |
| 47.5°  | 1723.9 | 1727.9 | 1709.9 | 1497.9 | 1255.9 | 1255.9 | 1133.9 | 1163.9 | 1283.9 | 1723.9 | 1669.9 |
| 50°    | 1943.9 | 1919.9 | 1839.9 | 1623.9 | 1361.9 | 1391.9 | 1263.9 | 1333.9 | 1405.9 | 1887.9 | 1813.9 |
| 52.5°  | 2065.9 | 2061.9 | 1953.9 | 1719.9 | 1453.9 | 1511.9 | 1413.9 | 1473.9 | 1517.9 | 2053.9 | 1949.9 |
| 55°    | 2069.9 | 2063.9 | 1989.9 | 1765.9 | 1539.9 | 1635.9 | 1563.9 | 1641.9 | 1673.9 | 2183.9 | 2135.9 |
| 57.5°  | 2003.9 | 2019.9 | 1981.9 | 1791.9 | 1581.9 | 1755.9 | 1745.9 | 1829.9 | 1845.9 | 2337.9 | 2263.9 |
| 60°    | 1899.9 | 1897.9 | 1943.9 | 1815.9 | 1645.9 | 1869.9 | 1913.9 | 1999.9 | 2085.9 | 2455.9 | 2377.9 |
| 62.5°  | 1639.9 | 1657.9 | 1787.9 | 1815.9 | 1715.9 | 2017.9 | 2101.9 | 2191.9 | 2297.9 | 2563.9 | 2479.9 |
| 65°    | 1283.9 | 1293.9 | 1497.9 | 1683.9 | 1735.9 | 2215.9 | 2291.9 | 2381.9 | 2493.9 | 2673.9 | 2593.9 |
| 67.5°  | 776.0  | 842.0  | 1018.0 | 1385.9 | 1633.9 | 2453.9 | 2593.9 | 2631.9 | 2695.9 | 2797.9 | 2761.9 |
| 70°    | 442.0  | 462.0  | 546.0  | 872.0  | 1363.9 | 2529.9 | 3149.9 | 3081.9 | 3015.9 | 3039.9 | 2971.9 |
| 72.5°  | 336.0  | 348.0  | 386.0  | 516.0  | 816.0  | 2233.9 | 3617.8 | 3869.8 | 3585.8 | 3291.8 | 2965.9 |
| 75°    | 244.0  | 256.0  | 294.0  | 416.0  | 536.0  | 1431.9 | 3569.8 | 4259.8 | 4095.8 | 3303.8 | 2681.9 |
| 77.5°  | 152.0  | 154.0  | 176.0  | 354.0  | 482.0  | 718.0  | 2793.9 | 3793.8 | 3865.8 | 3085.9 | 2223.9 |
| 80°    | 106.0  | 108.0  | 112.0  | 190.0  | 444.0  | 576.0  | 1875.9 | 2785.9 | 2887.9 | 2147.9 | 1133.9 |
| 82.5°  | 76.0   | 80.0   | 84.0   | 112.0  | 288.0  | 550.0  | 1167.9 | 1753.9 | 1545.9 | 778.0  | 460.0  |
| 85°    | 40.0   | 44.0   | 54.0   | 68.0   | 116.0  | 598.0  | 700.0  | 892.0  | 706.0  | 316.0  | 274.0  |
| 87.5°  | 16.0   | 14.0   | 12.0   | 18.0   | 32.0   | 230.0  | 272.0  | 300.0  | 232.0  | 178.0  | 218.0  |
| 90°    | 14.0   | 12.0   | 8.0    | 10.0   | 14.0   | 82.0   | 172.0  | 192.0  | 160.0  | 174.0  | 220.0  |
| 92.5°  | 14.0   | 12.0   | 8.0    | 8.0    | 14.0   | 82.0   | 206.0  | 210.0  | 166.0  | 178.0  | 230.0  |
| 95°    | 14.0   | 14.0   | 8.0    | 8.0    | 14.0   | 74.0   | 244.0  | 240.0  | 172.0  | 188.0  | 244.0  |
| 97.5°  | 14.0   | 14.0   | 6.0    | 8.0    | 14.0   | 50.0   | 252.0  | 260.0  | 168.0  | 134.0  | 202.0  |
| 100°   | 14.0   | 14.0   | 6.0    | 6.0    | 12.0   | 32.0   | 176.0  | 190.0  | 124.0  | 44.0   | 50.0   |
| 102.5° | 14.0   | 14.0   | 6.0    | 6.0    | 8.0    | 22.0   | 78.0   | 94.0   | 74.0   | 14.0   | 16.0   |
| 105°   | 14.0   | 16.0   | 4.0    | 4.0    | 6.0    | 12.0   | 34.0   | 38.0   | 30.0   | 10.0   | 18.0   |
| 107.5° | 16.0   | 18.0   | 4.0    | 4.0    | 4.0    | 6.0    | 12.0   | 14.0   | 8.0    | 8.0    | 18.0   |
| 110°   | 18.0   | 18.0   | 4.0    | 4.0    | 4.0    | 6.0    | 4.0    | 4.0    | 6.0    | 8.0    | 20.0   |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 15° | 25° | 35° | 45° | 55° | 60° | 65° | 75°  | 85°  |
|--------|------|------|-----|-----|-----|-----|-----|-----|-----|------|------|
| 112.5° | 14.0 | 12.0 | 2.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 8.0  | 20.0 |
| 115°   | 8.0  | 6.0  | 2.0 | 4.0 | 4.0 | 4.0 | 2.0 | 4.0 | 6.0 | 8.0  | 18.0 |
| 117.5° | 8.0  | 6.0  | 2.0 | 2.0 | 2.0 | 4.0 | 2.0 | 2.0 | 6.0 | 10.0 | 22.0 |
| 120°   | 6.0  | 6.0  | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.0 | 4.0 | 14.0 | 30.0 |
| 122.5° | 6.0  | 6.0  | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.0 | 4.0 | 14.0 | 30.0 |
| 125°   | 8.0  | 8.0  | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.0 | 4.0 | 12.0 | 28.0 |
| 127.5° | 6.0  | 6.0  | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.0 | 4.0 | 10.0 | 22.0 |
| 130°   | 6.0  | 6.0  | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.0 | 2.0 | 10.0 | 18.0 |
| 132.5° | 6.0  | 6.0  | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 6.0  | 14.0 |
| 135°   | 6.0  | 6.0  | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.0  | 10.0 |
| 137.5° | 4.0  | 4.0  | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0  | 4.0  |
| 140°   | 0.0  | 2.0  | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0  | 2.0  |
| 142.5° | 2.0  | 2.0  | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0  | 2.0  |
| 145°   | 2.0  | 2.0  | 2.0 | 2.0 | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0  | 2.0  |
| 147.5° | 2.0  | 2.0  | 2.0 | 4.0 | 4.0 | 4.0 | 2.0 | 2.0 | 2.0 | 2.0  | 2.0  |
| 150°   | 4.0  | 4.0  | 8.0 | 6.0 | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0  | 2.0  |
| 152.5° | 8.0  | 8.0  | 8.0 | 6.0 | 2.0 | 2.0 | 4.0 | 6.0 | 2.0 | 2.0  | 2.0  |
| 155°   | 6.0  | 6.0  | 6.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.0 | 6.0  | 6.0  |
| 157.5° | 0.0  | 0.0  | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 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  |

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**CANDELA DISTRIBUTION (continued):**

|        | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1353.9 | 1353.9 | 1353.9 | 1353.9 | 1353.9 | 1353.9 | 1353.9 | 1353.9 | 1353.9 | 1353.9 | 1353.9 |
| 2.5°   | 1345.9 | 1349.9 | 1345.9 | 1341.9 | 1337.9 | 1325.9 | 1243.9 | 1143.9 | 1135.9 | 1143.9 | 1139.9 |
| 5°     | 1311.9 | 1311.9 | 1309.9 | 1171.9 | 1089.9 | 1065.9 | 1059.9 | 1053.9 | 1042.0 | 1036.0 | 1040.0 |
| 7.5°   | 1131.9 | 1125.9 | 1055.9 | 932.0  | 1010.0 | 982.0  | 966.0  | 958.0  | 838.0  | 794.0  | 798.0  |
| 10°    | 946.0  | 946.0  | 786.0  | 742.0  | 738.0  | 750.0  | 832.0  | 826.0  | 810.0  | 800.0  | 810.0  |
| 12.5°  | 816.0  | 850.0  | 624.0  | 668.0  | 542.0  | 600.0  | 656.0  | 696.0  | 574.0  | 540.0  | 546.0  |
| 15°    | 866.0  | 854.0  | 686.0  | 524.0  | 478.0  | 504.0  | 404.0  | 506.0  | 498.0  | 482.0  | 480.0  |
| 17.5°  | 756.0  | 694.0  | 572.0  | 492.0  | 472.0  | 356.0  | 346.0  | 358.0  | 328.0  | 300.0  | 314.0  |
| 20°    | 822.0  | 788.0  | 606.0  | 438.0  | 364.0  | 324.0  | 244.0  | 228.0  | 290.0  | 304.0  | 302.0  |
| 22.5°  | 686.0  | 572.0  | 496.0  | 436.0  | 294.0  | 232.0  | 184.0  | 202.0  | 216.0  | 230.0  | 236.0  |
| 25°    | 806.0  | 744.0  | 542.0  | 326.0  | 238.0  | 170.0  | 166.0  | 150.0  | 226.0  | 258.0  | 256.0  |
| 27.5°  | 930.0  | 842.0  | 522.0  | 306.0  | 172.0  | 146.0  | 134.0  | 152.0  | 158.0  | 178.0  | 190.0  |
| 30°    | 1040.0 | 934.0  | 604.0  | 284.0  | 144.0  | 110.0  | 120.0  | 124.0  | 154.0  | 166.0  | 166.0  |
| 32.5°  | 1036.0 | 908.0  | 540.0  | 242.0  | 118.0  | 100.0  | 100.0  | 118.0  | 136.0  | 164.0  | 166.0  |
| 35°    | 1034.0 | 888.0  | 482.0  | 188.0  | 104.0  | 88.0   | 92.0   | 112.0  | 136.0  | 152.0  | 154.0  |
| 37.5°  | 1057.9 | 882.0  | 424.0  | 152.0  | 94.0   | 84.0   | 88.0   | 106.0  | 146.0  | 162.0  | 162.0  |
| 40°    | 1093.9 | 886.0  | 366.0  | 130.0  | 90.0   | 82.0   | 84.0   | 112.0  | 132.0  | 146.0  | 146.0  |
| 42.5°  | 1203.9 | 944.0  | 316.0  | 120.0  | 90.0   | 80.0   | 80.0   | 104.0  | 134.0  | 158.0  | 160.0  |
| 45°    | 1285.9 | 990.0  | 278.0  | 120.0  | 88.0   | 76.0   | 84.0   | 104.0  | 118.0  | 174.0  | 186.0  |
| 47.5°  | 1417.9 | 1073.9 | 242.0  | 120.0  | 88.0   | 74.0   | 78.0   | 102.0  | 124.0  | 200.0  | 208.0  |
| 50°    | 1549.9 | 1157.9 | 226.0  | 120.0  | 88.0   | 72.0   | 88.0   | 98.0   | 124.0  | 208.0  | 214.0  |
| 52.5°  | 1689.9 | 1261.9 | 216.0  | 120.0  | 88.0   | 76.0   | 96.0   | 118.0  | 134.0  | 186.0  | 184.0  |
| 55°    | 1833.9 | 1353.9 | 210.0  | 124.0  | 88.0   | 76.0   | 104.0  | 110.0  | 114.0  | 144.0  | 148.0  |
| 57.5°  | 1967.9 | 1465.9 | 222.0  | 124.0  | 86.0   | 80.0   | 98.0   | 108.0  | 100.0  | 126.0  | 128.0  |
| 60°    | 2073.9 | 1567.9 | 252.0  | 120.0  | 84.0   | 80.0   | 100.0  | 118.0  | 112.0  | 138.0  | 142.0  |
| 62.5°  | 2195.9 | 1675.9 | 322.0  | 122.0  | 84.0   | 82.0   | 112.0  | 128.0  | 114.0  | 136.0  | 144.0  |
| 65°    | 2355.9 | 1839.9 | 400.0  | 134.0  | 86.0   | 86.0   | 114.0  | 138.0  | 114.0  | 134.0  | 134.0  |
| 67.5°  | 2535.9 | 1991.9 | 400.0  | 156.0  | 92.0   | 92.0   | 114.0  | 146.0  | 122.0  | 134.0  | 134.0  |
| 70°    | 2667.9 | 1999.9 | 330.0  | 172.0  | 100.0  | 98.0   | 118.0  | 152.0  | 124.0  | 148.0  | 146.0  |
| 72.5°  | 2521.9 | 1781.9 | 274.0  | 170.0  | 108.0  | 102.0  | 134.0  | 156.0  | 126.0  | 168.0  | 166.0  |
| 75°    | 2213.9 | 1469.9 | 238.0  | 152.0  | 98.0   | 104.0  | 140.0  | 160.0  | 128.0  | 176.0  | 172.0  |
| 77.5°  | 1745.9 | 1071.9 | 202.0  | 128.0  | 86.0   | 100.0  | 144.0  | 164.0  | 132.0  | 186.0  | 184.0  |
| 80°    | 846.0  | 538.0  | 164.0  | 108.0  | 78.0   | 96.0   | 144.0  | 162.0  | 130.0  | 192.0  | 192.0  |
| 82.5°  | 382.0  | 268.0  | 112.0  | 74.0   | 78.0   | 98.0   | 148.0  | 164.0  | 130.0  | 188.0  | 186.0  |
| 85°    | 248.0  | 184.0  | 72.0   | 58.0   | 78.0   | 112.0  | 150.0  | 156.0  | 124.0  | 174.0  | 174.0  |
| 87.5°  | 186.0  | 128.0  | 38.0   | 36.0   | 86.0   | 122.0  | 150.0  | 144.0  | 120.0  | 164.0  | 160.0  |
| 90°    | 190.0  | 136.0  | 40.0   | 36.0   | 92.0   | 124.0  | 150.0  | 142.0  | 116.0  | 148.0  | 148.0  |
| 92.5°  | 206.0  | 150.0  | 46.0   | 40.0   | 94.0   | 112.0  | 142.0  | 128.0  | 108.0  | 128.0  | 126.0  |
| 95°    | 224.0  | 168.0  | 54.0   | 46.0   | 82.0   | 82.0   | 112.0  | 104.0  | 92.0   | 98.0   | 98.0   |
| 97.5°  | 164.0  | 120.0  | 48.0   | 50.0   | 62.0   | 52.0   | 74.0   | 70.0   | 48.0   | 44.0   | 42.0   |
| 100°   | 48.0   | 40.0   | 44.0   | 48.0   | 44.0   | 38.0   | 56.0   | 54.0   | 32.0   | 16.0   | 16.0   |
| 102.5° | 18.0   | 20.0   | 40.0   | 44.0   | 34.0   | 28.0   | 40.0   | 44.0   | 26.0   | 4.0    | 6.0    |
| 105°   | 16.0   | 14.0   | 28.0   | 34.0   | 20.0   | 16.0   | 20.0   | 28.0   | 16.0   | 4.0    | 4.0    |
| 107.5° | 18.0   | 14.0   | 14.0   | 18.0   | 8.0    | 8.0    | 8.0    | 10.0   | 6.0    | 4.0    | 4.0    |
| 110°   | 18.0   | 14.0   | 8.0    | 8.0    | 6.0    | 6.0    | 6.0    | 4.0    | 4.0    | 4.0    | 4.0    |



REPORT NUMBER: P560662

CATALOG NUMBER: SDL-PA1-60-722-U-SL3-A

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 18.0 | 14.0 | 8.0  | 8.0  | 6.0  | 6.0  | 4.0  | 4.0  | 6.0  | 10.0 | 10.0 |
| 115°   | 20.0 | 16.0 | 8.0  | 6.0  | 4.0  | 6.0  | 4.0  | 2.0  | 6.0  | 14.0 | 14.0 |
| 117.5° | 24.0 | 18.0 | 6.0  | 6.0  | 4.0  | 4.0  | 4.0  | 2.0  | 6.0  | 18.0 | 20.0 |
| 120°   | 30.0 | 22.0 | 8.0  | 4.0  | 4.0  | 4.0  | 4.0  | 2.0  | 8.0  | 20.0 | 22.0 |
| 122.5° | 30.0 | 24.0 | 8.0  | 4.0  | 4.0  | 2.0  | 2.0  | 4.0  | 8.0  | 20.0 | 22.0 |
| 125°   | 28.0 | 22.0 | 8.0  | 4.0  | 4.0  | 2.0  | 2.0  | 2.0  | 10.0 | 20.0 | 22.0 |
| 127.5° | 22.0 | 20.0 | 8.0  | 4.0  | 2.0  | 2.0  | 2.0  | 4.0  | 8.0  | 18.0 | 18.0 |
| 130°   | 18.0 | 16.0 | 6.0  | 4.0  | 2.0  | 2.0  | 2.0  | 2.0  | 8.0  | 14.0 | 16.0 |
| 132.5° | 14.0 | 12.0 | 6.0  | 4.0  | 2.0  | 2.0  | 2.0  | 2.0  | 8.0  | 14.0 | 14.0 |
| 135°   | 10.0 | 10.0 | 4.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 6.0  | 10.0 | 12.0 |
| 137.5° | 4.0  | 4.0  | 4.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 4.0  | 6.0  | 6.0  |
| 140°   | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 0.0  | 2.0  | 4.0  | 4.0  |
| 142.5° | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 0.0  | 2.0  | 2.0  | 2.0  | 4.0  |
| 145°   | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 0.0  | 2.0  | 2.0  | 2.0  | 2.0  |
| 147.5° | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 0.0  | 2.0  | 2.0  | 2.0  | 2.0  |
| 150°   | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 0.0  | 2.0  | 2.0  | 2.0  | 2.0  |
| 152.5° | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 0.0  | 2.0  | 2.0  | 4.0  | 4.0  |
| 155°   | 6.0  | 6.0  | 6.0  | 4.0  | 2.0  | 0.0  | 0.0  | 0.0  | 2.0  | 2.0  | 4.0  |
| 157.5° | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 0.0  | 0.0  | 2.0  | 2.0  | 2.0  |
| 160°   | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 0.0  | 0.0  | 0.0  | 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)