

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: P561142

Luminaire Tested: **SDL-PA1-80-760-U-T4W-HSS**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P561142  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: SDL-PA1-80-760-U-T4W-HSS  
Description: Springdale  
(1) 70 CRI, 5700K, 1050mA LIGHT ENGINE WITH 24 LEDS AND TYPE IV WIDE OPTICS AND HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6758.5 lumens  
Efficiency: N/A  
Efficacy: 82.4 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): 82  
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

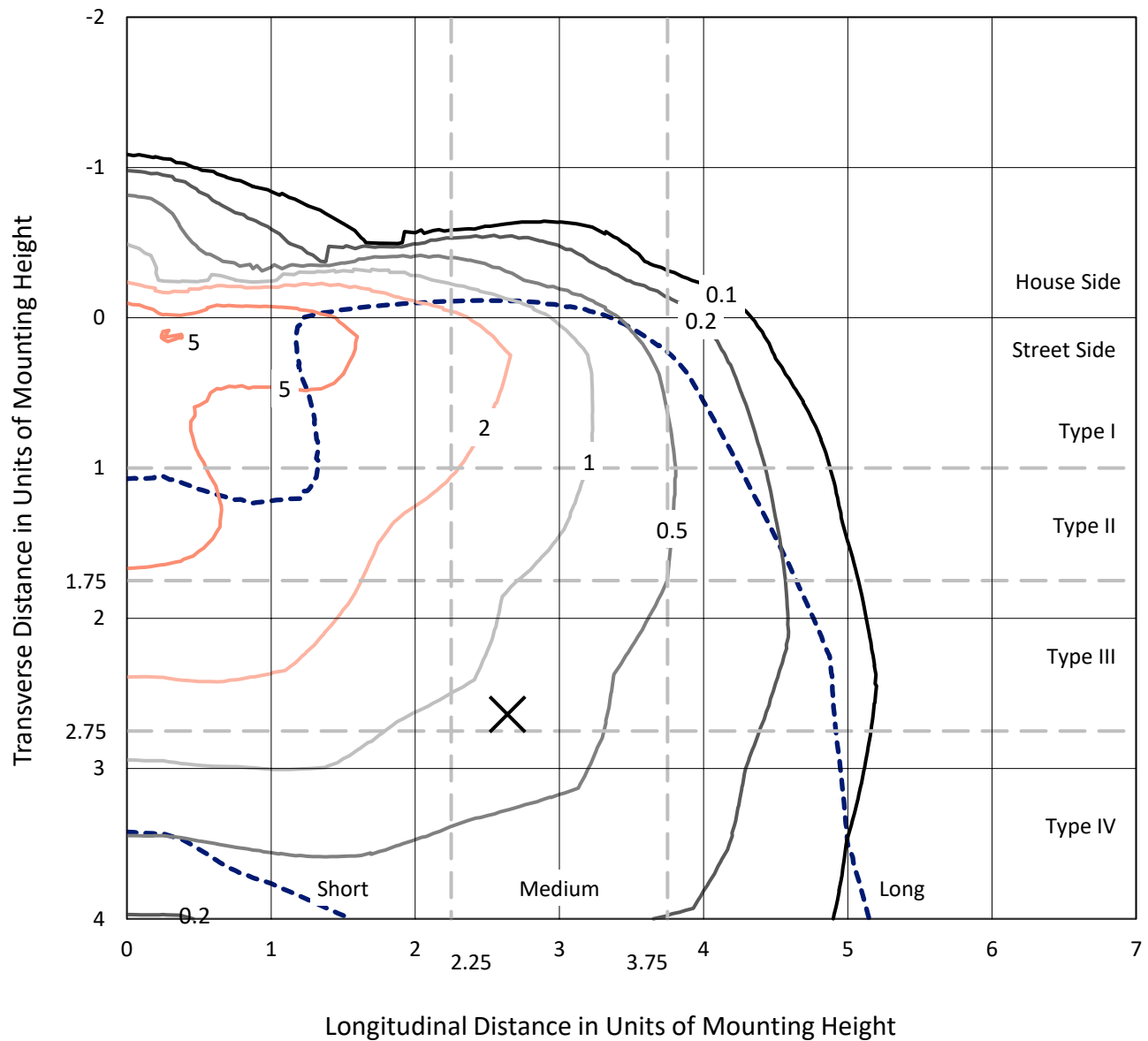


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## Iso-Footcandle Lines of Horizontal Illumination

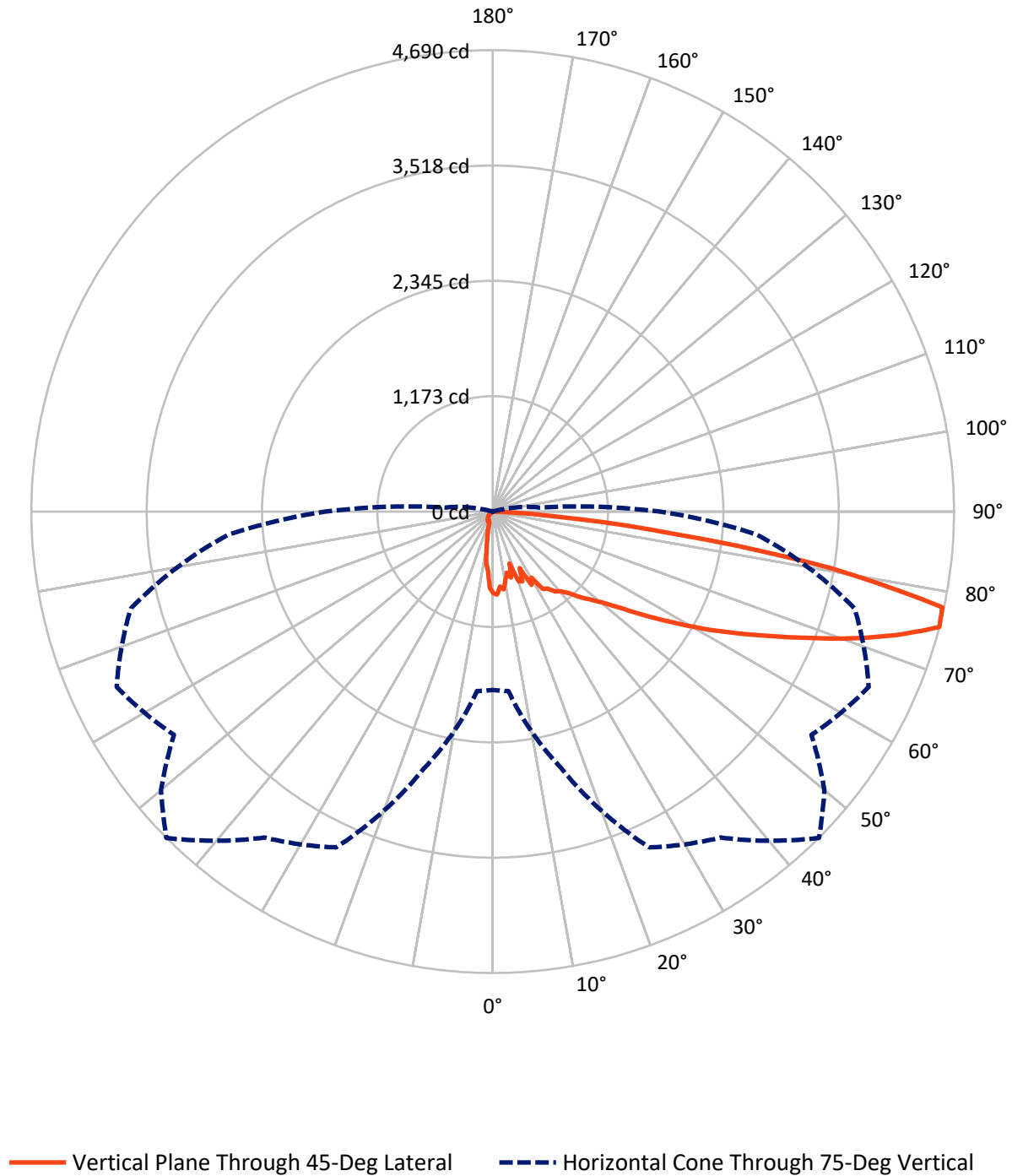
× Max cd  
- - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 8.6 fc  
Type IV - Medium - N/A

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## Luminous Intensity Polar Plot



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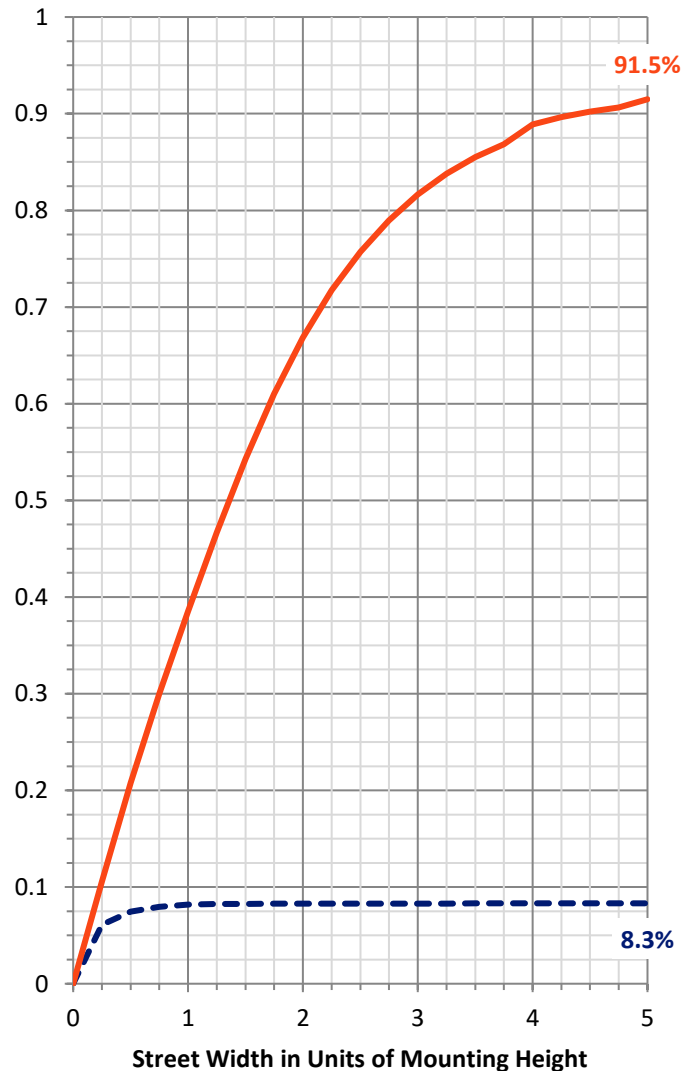
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 567.4    | 0.0    | 567.4  |
|                    | % Fixture | 8.4      | 0.0    | 8.4    |
| <b>Street Side</b> | Lumens    | 6191.1   | 0.0    | 6191.1 |
|                    | % Fixture | 91.6     | 0.0    | 91.6   |
| <b>Total</b>       | Lumens    | 6758.5   | 0.0    | 6758.5 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 64.4   | 1.0       |
| 10°-20°   | 141.5  | 2.1       |
| 20°-30°   | 239.2  | 3.5       |
| 30°-40°   | 440.5  | 6.5       |
| 40°-50°   | 722.9  | 10.7      |
| 50°-60°   | 1286.7 | 19.0      |
| 60°-70°   | 1925.3 | 28.5      |
| 70°-80°   | 1714.1 | 25.4      |
| 80°-90°   | 223.9  | 3.3       |
| 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°    | 6758.5 | 100.0     |
| 0°-180°   | 6758.5 | 100.0     |



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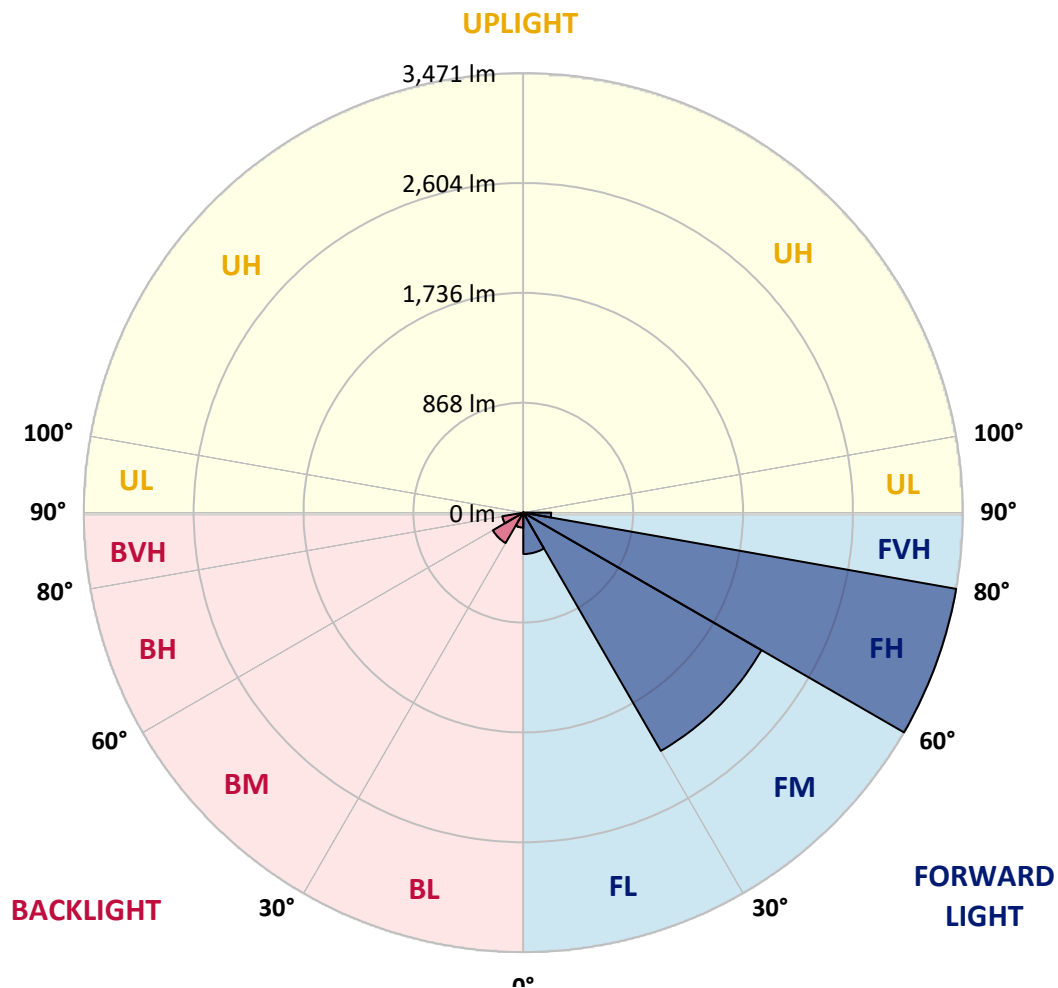
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 326.7  | 4.8       |                         |      |         |
| FM   | (30°-60°)   | 2172.6 | 32.1      |                         |      |         |
| FH   | (60°-80°)   | 3471.3 | 51.4      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 220.5  | 3.3       |                         |      | G2/225  |
| BL   | (0°-30°)    | 118.4  | 1.8       | B1/500                  |      |         |
| BM   | (30°-60°)   | 277.6  | 4.1       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 168.0  | 2.5       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 3.4    | 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-G2**

Type IV Medium



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 828.7  | 828.7  | 828.7  | 828.7  | 828.7  | 828.7  | 828.7  | 828.7  | 828.7  | 828.7  | 828.7  |
| 2.5°  | 770.9  | 828.7  | 835.5  | 838.9  | 845.7  | 849.1  | 849.1  | 849.1  | 849.1  | 845.7  | 845.7  |
| 5°    | 815.1  | 811.7  | 808.3  | 804.9  | 801.5  | 794.7  | 787.9  | 777.7  | 770.9  | 764.2  | 757.4  |
| 7.5°  | 798.1  | 801.5  | 811.7  | 818.5  | 815.1  | 811.7  | 818.5  | 821.9  | 811.7  | 798.1  | 784.5  |
| 10°   | 930.6  | 923.8  | 917.0  | 910.2  | 900.0  | 889.8  | 808.3  | 726.8  | 720.0  | 709.8  | 703.0  |
| 12.5° | 815.1  | 917.0  | 917.0  | 917.0  | 917.0  | 917.0  | 862.6  | 808.3  | 723.4  | 638.5  | 540.0  |
| 15°   | 1018.9 | 1015.5 | 1001.9 | 988.3  | 896.6  | 801.5  | 750.6  | 699.6  | 699.6  | 696.2  | 655.5  |
| 17.5° | 845.7  | 845.7  | 913.6  | 978.1  | 940.8  | 903.4  | 832.1  | 760.8  | 658.9  | 553.6  | 594.3  |
| 20°   | 1069.8 | 1069.8 | 1056.2 | 1042.6 | 886.4  | 730.2  | 737.0  | 743.8  | 750.6  | 757.4  | 628.3  |
| 22.5° | 879.6  | 872.8  | 866.0  | 859.2  | 876.2  | 893.2  | 754.0  | 611.3  | 692.8  | 770.9  | 601.1  |
| 25°   | 1073.2 | 1083.4 | 1076.6 | 1066.4 | 927.2  | 787.9  | 818.5  | 845.7  | 740.4  | 635.1  | 737.0  |
| 27.5° | 920.4  | 910.2  | 896.6  | 879.6  | 889.8  | 900.0  | 835.5  | 767.6  | 804.9  | 842.3  | 675.9  |
| 30°   | 1127.6 | 1130.9 | 1124.2 | 1117.4 | 984.9  | 852.5  | 849.1  | 842.3  | 811.7  | 777.7  | 760.8  |
| 32.5° | 1395.9 | 1368.7 | 1273.6 | 1178.5 | 1097.0 | 1015.5 | 950.9  | 886.4  | 913.6  | 937.4  | 845.7  |
| 35°   | 1524.9 | 1474.0 | 1433.2 | 1389.1 | 1253.2 | 1114.0 | 1035.9 | 954.3  | 957.7  | 961.1  | 923.8  |
| 37.5° | 1650.6 | 1575.9 | 1524.9 | 1474.0 | 1311.0 | 1147.9 | 1063.0 | 978.1  | 1005.3 | 1029.1 | 988.3  |
| 40°   | 1694.7 | 1654.0 | 1623.4 | 1592.8 | 1419.6 | 1243.0 | 1144.5 | 1042.6 | 1056.2 | 1066.4 | 1052.8 |
| 42.5° | 1806.8 | 1800.0 | 1783.0 | 1762.7 | 1555.5 | 1344.9 | 1226.0 | 1107.2 | 1120.8 | 1130.9 | 1124.2 |
| 45°   | 2075.1 | 2064.9 | 2064.9 | 2061.5 | 1793.2 | 1521.5 | 1365.3 | 1209.1 | 1222.6 | 1236.2 | 1229.4 |
| 47.5° | 2421.5 | 2404.5 | 2384.2 | 2360.4 | 2075.1 | 1786.4 | 1562.3 | 1334.7 | 1334.7 | 1334.7 | 1344.9 |
| 50°   | 2784.9 | 2761.1 | 2717.0 | 2669.4 | 2380.8 | 2092.1 | 1806.8 | 1521.5 | 1491.0 | 1457.0 | 1494.3 |
| 52.5° | 3161.9 | 3121.1 | 3046.4 | 2968.3 | 2713.6 | 2458.9 | 2136.2 | 1810.2 | 1718.5 | 1623.4 | 1671.0 |
| 55°   | 3365.7 | 3321.5 | 3270.6 | 3216.2 | 3009.1 | 2798.5 | 2469.1 | 2139.6 | 1997.0 | 1851.0 | 1901.9 |
| 57.5° | 3532.1 | 3521.9 | 3498.1 | 3474.4 | 3314.7 | 3155.1 | 2825.7 | 2492.8 | 2299.3 | 2105.7 | 2149.8 |
| 60°   | 3759.6 | 3746.1 | 3756.2 | 3766.4 | 3644.2 | 3521.9 | 3209.5 | 2893.6 | 2645.7 | 2394.4 | 2380.8 |
| 62.5° | 3929.5 | 3926.1 | 3977.0 | 4027.9 | 3963.4 | 3895.5 | 3545.7 | 3192.5 | 2951.3 | 2706.8 | 2638.9 |
| 65°   | 3773.2 | 3817.4 | 4007.6 | 4197.8 | 4187.6 | 4174.0 | 3847.9 | 3518.5 | 3280.8 | 3039.6 | 2951.3 |
| 67.5° | 3443.8 | 3464.2 | 3746.1 | 4024.6 | 4146.8 | 4265.7 | 4034.7 | 3800.4 | 3613.6 | 3423.4 | 3260.4 |
| 70°   | 3134.7 | 3178.9 | 3426.8 | 3674.7 | 3990.6 | 4306.4 | 4123.0 | 3939.6 | 3902.3 | 3861.5 | 3651.0 |
| 72.5° | 2835.9 | 2914.0 | 3144.9 | 3375.9 | 3797.0 | 4214.7 | 4106.1 | 3997.4 | 4143.4 | 4289.5 | 4038.1 |
| 75°   | 1813.6 | 1830.6 | 2268.7 | 2703.4 | 3236.6 | 3766.4 | 3905.7 | 4044.9 | 4367.6 | 4690.2 | 4401.5 |
| 77.5° | 529.8  | 587.6  | 917.0  | 1246.4 | 1857.7 | 2465.7 | 2941.1 | 3416.6 | 4044.9 | 4673.2 | 4320.0 |
| 80°   | 180.0  | 193.6  | 241.1  | 285.3  | 611.3  | 937.4  | 1487.6 | 2034.4 | 2764.5 | 3494.7 | 3246.8 |
| 82.5° | 88.3   | 91.7   | 115.5  | 135.8  | 207.2  | 278.5  | 560.4  | 838.9  | 1355.1 | 1867.9 | 1912.1 |
| 85°   | 27.2   | 27.2   | 40.8   | 54.3   | 88.3   | 122.3  | 210.6  | 295.5  | 468.7  | 638.5  | 540.0  |
| 87.5° | 6.8    | 6.8    | 10.2   | 13.6   | 20.4   | 27.2   | 27.2   | 27.2   | 20.4   | 13.6   | 17.0   |
| 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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**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°  | 105°  |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 0°    | 828.7  | 828.7  | 828.7  | 828.7  | 828.7  | 828.7  | 828.7  | 828.7  | 828.7  | 828.7 | 828.7 |
| 2.5°  | 849.1  | 849.1  | 849.1  | 845.7  | 838.9  | 835.5  | 828.7  | 821.9  | 815.1  | 811.7 | 804.9 |
| 5°    | 747.2  | 791.3  | 832.1  | 835.5  | 835.5  | 825.3  | 815.1  | 804.9  | 794.7  | 784.5 | 774.3 |
| 7.5°  | 767.6  | 743.8  | 720.0  | 723.4  | 726.8  | 723.4  | 716.6  | 699.6  | 686.0  | 658.9 | 628.3 |
| 10°   | 614.7  | 597.7  | 577.4  | 584.2  | 590.9  | 607.9  | 624.9  | 611.3  | 590.9  | 540.0 | 485.7 |
| 12.5° | 604.5  | 601.1  | 594.3  | 543.4  | 489.1  | 516.2  | 540.0  | 526.4  | 506.0  | 455.1 | 400.8 |
| 15°   | 516.2  | 519.6  | 519.6  | 570.6  | 621.5  | 641.9  | 658.9  | 641.9  | 618.1  | 550.2 | 478.9 |
| 17.5° | 665.7  | 631.7  | 597.7  | 577.4  | 553.6  | 560.4  | 567.2  | 492.5  | 516.2  | 472.1 | 424.5 |
| 20°   | 689.4  | 577.4  | 465.3  | 557.0  | 648.7  | 679.2  | 709.8  | 692.8  | 662.3  | 553.6 | 441.5 |
| 22.5° | 628.3  | 669.1  | 709.8  | 652.1  | 594.3  | 557.0  | 516.2  | 499.2  | 478.9  | 431.3 | 383.8 |
| 25°   | 777.7  | 665.7  | 550.2  | 658.9  | 764.2  | 770.9  | 777.7  | 747.2  | 713.2  | 577.4 | 441.5 |
| 27.5° | 696.2  | 733.6  | 767.6  | 791.3  | 815.1  | 845.7  | 876.2  | 842.3  | 760.8  | 601.1 | 438.1 |
| 30°   | 828.7  | 879.6  | 930.6  | 1008.7 | 1086.8 | 1110.6 | 1130.9 | 1093.6 | 1029.1 | 760.8 | 489.1 |
| 32.5° | 866.0  | 967.9  | 1069.8 | 1100.4 | 1127.6 | 1158.1 | 1188.7 | 1158.1 | 1080.0 | 754.0 | 424.5 |
| 35°   | 967.9  | 1039.3 | 1107.2 | 1154.7 | 1202.3 | 1229.4 | 1256.6 | 1236.2 | 1130.9 | 743.8 | 356.6 |
| 37.5° | 998.5  | 1093.6 | 1185.3 | 1239.6 | 1290.6 | 1314.3 | 1334.7 | 1334.7 | 1185.3 | 737.0 | 285.3 |
| 40°   | 1046.0 | 1164.9 | 1283.8 | 1334.7 | 1382.3 | 1419.6 | 1453.6 | 1467.2 | 1246.4 | 733.6 | 217.4 |
| 42.5° | 1141.1 | 1246.4 | 1351.7 | 1433.2 | 1511.3 | 1565.7 | 1620.0 | 1630.2 | 1317.7 | 743.8 | 166.4 |
| 45°   | 1243.0 | 1355.1 | 1467.2 | 1575.9 | 1684.5 | 1762.7 | 1837.4 | 1830.6 | 1402.6 | 770.9 | 135.8 |
| 47.5° | 1389.1 | 1494.3 | 1599.6 | 1783.0 | 1963.0 | 2037.7 | 2109.1 | 2061.5 | 1491.0 | 804.9 | 118.9 |
| 50°   | 1538.5 | 1667.6 | 1796.6 | 2031.0 | 2261.9 | 2329.8 | 2394.4 | 2295.9 | 1575.9 | 845.7 | 112.1 |
| 52.5° | 1732.1 | 1884.9 | 2037.7 | 2306.1 | 2574.4 | 2635.5 | 2696.6 | 2496.2 | 1640.4 | 872.8 | 105.3 |
| 55°   | 1959.6 | 2156.6 | 2353.6 | 2608.3 | 2859.6 | 2931.0 | 3002.3 | 2693.2 | 1671.0 | 886.4 | 101.9 |
| 57.5° | 2234.7 | 2462.3 | 2686.4 | 2920.8 | 3151.7 | 3250.2 | 3345.3 | 2886.8 | 1684.5 | 889.8 | 95.1  |
| 60°   | 2503.0 | 2754.4 | 3005.7 | 3206.1 | 3406.4 | 3559.3 | 3708.7 | 3077.0 | 1677.7 | 883.0 | 84.9  |
| 62.5° | 2751.0 | 3029.5 | 3304.5 | 3491.3 | 3678.1 | 3861.5 | 4044.9 | 3229.8 | 1633.6 | 852.5 | 67.9  |
| 65°   | 3009.1 | 3304.5 | 3596.6 | 3759.6 | 3922.7 | 4160.4 | 4394.7 | 3362.3 | 1572.5 | 811.7 | 47.5  |
| 67.5° | 3243.4 | 3525.3 | 3807.2 | 3990.6 | 4174.0 | 4408.3 | 4639.3 | 3396.2 | 1484.2 | 760.8 | 34.0  |
| 70°   | 3440.4 | 3746.1 | 4048.3 | 4235.1 | 4421.9 | 4540.8 | 4656.3 | 3246.8 | 1307.6 | 665.7 | 23.8  |
| 72.5° | 3712.1 | 3987.2 | 4258.9 | 4354.0 | 4445.7 | 4238.5 | 4027.9 | 2706.8 | 981.5  | 502.6 | 20.4  |
| 75°   | 3956.6 | 4089.1 | 4218.1 | 4014.4 | 3810.6 | 3253.6 | 2696.6 | 1704.9 | 478.9  | 251.3 | 20.4  |
| 77.5° | 3708.7 | 3637.4 | 3566.1 | 2941.1 | 2312.8 | 1718.5 | 1120.8 | 669.1  | 149.4  | 81.5  | 13.6  |
| 80°   | 2686.4 | 2360.4 | 2031.0 | 1406.0 | 777.7  | 519.6  | 258.1  | 149.4  | 37.4   | 23.8  | 10.2  |
| 82.5° | 1446.8 | 1117.4 | 784.5  | 506.0  | 227.5  | 152.8  | 74.7   | 50.9   | 17.0   | 13.6  | 6.8   |
| 85°   | 523.0  | 414.3  | 302.3  | 234.3  | 166.4  | 98.5   | 27.2   | 17.0   | 10.2   | 10.2  | 6.8   |
| 87.5° | 47.5   | 54.3   | 61.1   | 47.5   | 30.6   | 20.4   | 6.8    | 6.8    | 6.8    | 6.8   | 3.4   |
| 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°    | 828.7 | 828.7 | 828.7 | 828.7 | 828.7 | 828.7 | 828.7 | 828.7 | 828.7 | 828.7 | 828.7 |
| 2.5°  | 801.5 | 798.1 | 794.7 | 787.9 | 784.5 | 781.1 | 757.4 | 733.6 | 706.4 | 679.2 | 679.2 |
| 5°    | 730.2 | 686.0 | 662.3 | 638.5 | 621.5 | 604.5 | 601.1 | 594.3 | 587.6 | 580.8 | 577.4 |
| 7.5°  | 611.3 | 594.3 | 580.8 | 567.2 | 550.2 | 533.2 | 516.2 | 499.2 | 485.7 | 472.1 | 441.5 |
| 10°   | 458.5 | 431.3 | 410.9 | 390.6 | 380.4 | 366.8 | 346.4 | 322.6 | 322.6 | 322.6 | 319.2 |
| 12.5° | 397.4 | 394.0 | 343.0 | 288.7 | 271.7 | 254.7 | 251.3 | 247.9 | 241.1 | 230.9 | 217.4 |
| 15°   | 394.0 | 305.7 | 261.5 | 214.0 | 203.8 | 190.2 | 169.8 | 146.0 | 142.6 | 135.8 | 152.8 |
| 17.5° | 356.6 | 288.7 | 237.7 | 186.8 | 149.4 | 112.1 | 118.9 | 122.3 | 139.2 | 152.8 | 163.0 |
| 20°   | 322.6 | 203.8 | 169.8 | 132.5 | 122.3 | 108.7 | 115.5 | 122.3 | 118.9 | 112.1 | 129.1 |
| 22.5° | 302.3 | 217.4 | 159.6 | 101.9 | 108.7 | 115.5 | 108.7 | 98.5  | 115.5 | 132.5 | 142.6 |
| 25°   | 292.1 | 139.2 | 125.7 | 108.7 | 101.9 | 95.1  | 108.7 | 118.9 | 112.1 | 105.3 | 125.7 |
| 27.5° | 288.7 | 139.2 | 118.9 | 95.1  | 101.9 | 108.7 | 105.3 | 98.5  | 112.1 | 122.3 | 118.9 |
| 30°   | 309.1 | 125.7 | 112.1 | 98.5  | 95.1  | 91.7  | 98.5  | 105.3 | 105.3 | 101.9 | 118.9 |
| 32.5° | 275.1 | 125.7 | 112.1 | 95.1  | 95.1  | 91.7  | 91.7  | 91.7  | 101.9 | 112.1 | 118.9 |
| 35°   | 237.7 | 115.5 | 105.3 | 91.7  | 88.3  | 84.9  | 88.3  | 88.3  | 98.5  | 105.3 | 118.9 |
| 37.5° | 197.0 | 108.7 | 98.5  | 84.9  | 81.5  | 78.1  | 78.1  | 74.7  | 84.9  | 95.1  | 105.3 |
| 40°   | 159.6 | 101.9 | 91.7  | 78.1  | 74.7  | 71.3  | 71.3  | 71.3  | 78.1  | 81.5  | 88.3  |
| 42.5° | 132.5 | 95.1  | 84.9  | 71.3  | 67.9  | 64.5  | 64.5  | 61.1  | 64.5  | 67.9  | 71.3  |
| 45°   | 115.5 | 91.7  | 81.5  | 67.9  | 64.5  | 57.7  | 54.3  | 50.9  | 50.9  | 50.9  | 50.9  |
| 47.5° | 101.9 | 84.9  | 78.1  | 67.9  | 61.1  | 50.9  | 47.5  | 40.8  | 37.4  | 34.0  | 30.6  |
| 50°   | 95.1  | 78.1  | 71.3  | 61.1  | 54.3  | 44.2  | 37.4  | 30.6  | 27.2  | 20.4  | 20.4  |
| 52.5° | 88.3  | 71.3  | 64.5  | 54.3  | 44.2  | 34.0  | 27.2  | 17.0  | 17.0  | 13.6  | 13.6  |
| 55°   | 84.9  | 67.9  | 57.7  | 47.5  | 37.4  | 23.8  | 17.0  | 10.2  | 10.2  | 6.8   | 6.8   |
| 57.5° | 81.5  | 64.5  | 54.3  | 40.8  | 27.2  | 13.6  | 10.2  | 6.8   | 6.8   | 6.8   | 6.8   |
| 60°   | 71.3  | 57.7  | 44.2  | 27.2  | 17.0  | 6.8   | 6.8   | 3.4   | 6.8   | 6.8   | 6.8   |
| 62.5° | 57.7  | 44.2  | 30.6  | 17.0  | 10.2  | 3.4   | 3.4   | 3.4   | 6.8   | 6.8   | 6.8   |
| 65°   | 40.8  | 30.6  | 20.4  | 10.2  | 6.8   | 3.4   | 3.4   | 3.4   | 3.4   | 3.4   | 3.4   |
| 67.5° | 30.6  | 23.8  | 17.0  | 6.8   | 6.8   | 3.4   | 3.4   | 3.4   | 3.4   | 3.4   | 3.4   |
| 70°   | 20.4  | 17.0  | 13.6  | 6.8   | 6.8   | 3.4   | 3.4   | 3.4   | 3.4   | 3.4   | 3.4   |
| 72.5° | 17.0  | 13.6  | 10.2  | 3.4   | 3.4   | 0.0   | 3.4   | 3.4   | 3.4   | 3.4   | 3.4   |
| 75°   | 17.0  | 13.6  | 10.2  | 3.4   | 3.4   | 0.0   | 3.4   | 3.4   | 3.4   | 3.4   | 3.4   |
| 77.5° | 13.6  | 10.2  | 6.8   | 3.4   | 3.4   | 0.0   | 3.4   | 6.8   | 6.8   | 6.8   | 6.8   |
| 80°   | 10.2  | 6.8   | 6.8   | 3.4   | 3.4   | 0.0   | 3.4   | 6.8   | 6.8   | 6.8   | 6.8   |
| 82.5° | 6.8   | 6.8   | 6.8   | 3.4   | 3.4   | 0.0   | 6.8   | 10.2  | 10.2  | 6.8   | 6.8   |
| 85°   | 6.8   | 3.4   | 3.4   | 3.4   | 3.4   | 3.4   | 6.8   | 10.2  | 10.2  | 10.2  | 6.8   |
| 87.5° | 3.4   | 3.4   | 3.4   | 3.4   | 3.4   | 3.4   | 6.8   | 10.2  | 10.2  | 10.2  | 6.8   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |



REPORT NUMBER: P561142

CATALOG NUMBER: SDL-PA1-80-760-U-T4W-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|
| 0°    | 828.7 | 828.7 | 828.7 | 828.7 |
| 2.5°  | 675.9 | 675.9 | 672.5 | 672.5 |
| 5°    | 570.6 | 570.6 | 567.2 | 567.2 |
| 7.5°  | 410.9 | 404.2 | 394.0 | 397.4 |
| 10°   | 315.9 | 309.1 | 302.3 | 309.1 |
| 12.5° | 203.8 | 207.2 | 207.2 | 197.0 |
| 15°   | 166.4 | 180.0 | 190.2 | 190.2 |
| 17.5° | 173.2 | 173.2 | 169.8 | 169.8 |
| 20°   | 146.0 | 159.6 | 173.2 | 173.2 |
| 22.5° | 149.4 | 142.6 | 135.8 | 135.8 |
| 25°   | 142.6 | 152.8 | 159.6 | 159.6 |
| 27.5° | 115.5 | 118.9 | 122.3 | 122.3 |
| 30°   | 132.5 | 139.2 | 142.6 | 142.6 |
| 32.5° | 125.7 | 132.5 | 135.8 | 139.2 |
| 35°   | 129.1 | 135.8 | 139.2 | 139.2 |
| 37.5° | 115.5 | 118.9 | 122.3 | 122.3 |
| 40°   | 91.7  | 95.1  | 98.5  | 98.5  |
| 42.5° | 71.3  | 71.3  | 67.9  | 71.3  |
| 45°   | 47.5  | 47.5  | 44.2  | 47.5  |
| 47.5° | 27.2  | 27.2  | 27.2  | 27.2  |
| 50°   | 17.0  | 17.0  | 17.0  | 17.0  |
| 52.5° | 10.2  | 10.2  | 10.2  | 10.2  |
| 55°   | 6.8   | 6.8   | 6.8   | 6.8   |
| 57.5° | 6.8   | 6.8   | 3.4   | 3.4   |
| 60°   | 3.4   | 3.4   | 3.4   | 3.4   |
| 62.5° | 3.4   | 3.4   | 0.0   | 0.0   |
| 65°   | 0.0   | 0.0   | 0.0   | 0.0   |
| 67.5° | 0.0   | 0.0   | 0.0   | 0.0   |
| 70°   | 0.0   | 0.0   | 0.0   | 0.0   |
| 72.5° | 0.0   | 0.0   | 0.0   | 0.0   |
| 75°   | 3.4   | 3.4   | 0.0   | 0.0   |
| 77.5° | 3.4   | 3.4   | 0.0   | 0.0   |
| 80°   | 3.4   | 3.4   | 0.0   | 0.0   |
| 82.5° | 3.4   | 3.4   | 0.0   | 0.0   |
| 85°   | 3.4   | 3.4   | 3.4   | 0.0   |
| 87.5° | 3.4   | 3.4   | 3.4   | 0.0   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |



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