

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: P560777

Luminaire Tested: **SDL-PA1-60-760-U-T2R-HSS-A**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P560777  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: SDL-PA1-60-760-U-T2R-HSS-A  
Description: Springdale  
(1) 70 CRI, 5700K, 800mA LIGHT ENGINE WITH 24 LEDS AND TYPE II R OPTICS,  
HOUSE SIDE SHIELD AND CLEAR PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5698.4 lumens  
Efficiency: N/A  
Efficacy: 91.3 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 - G1

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



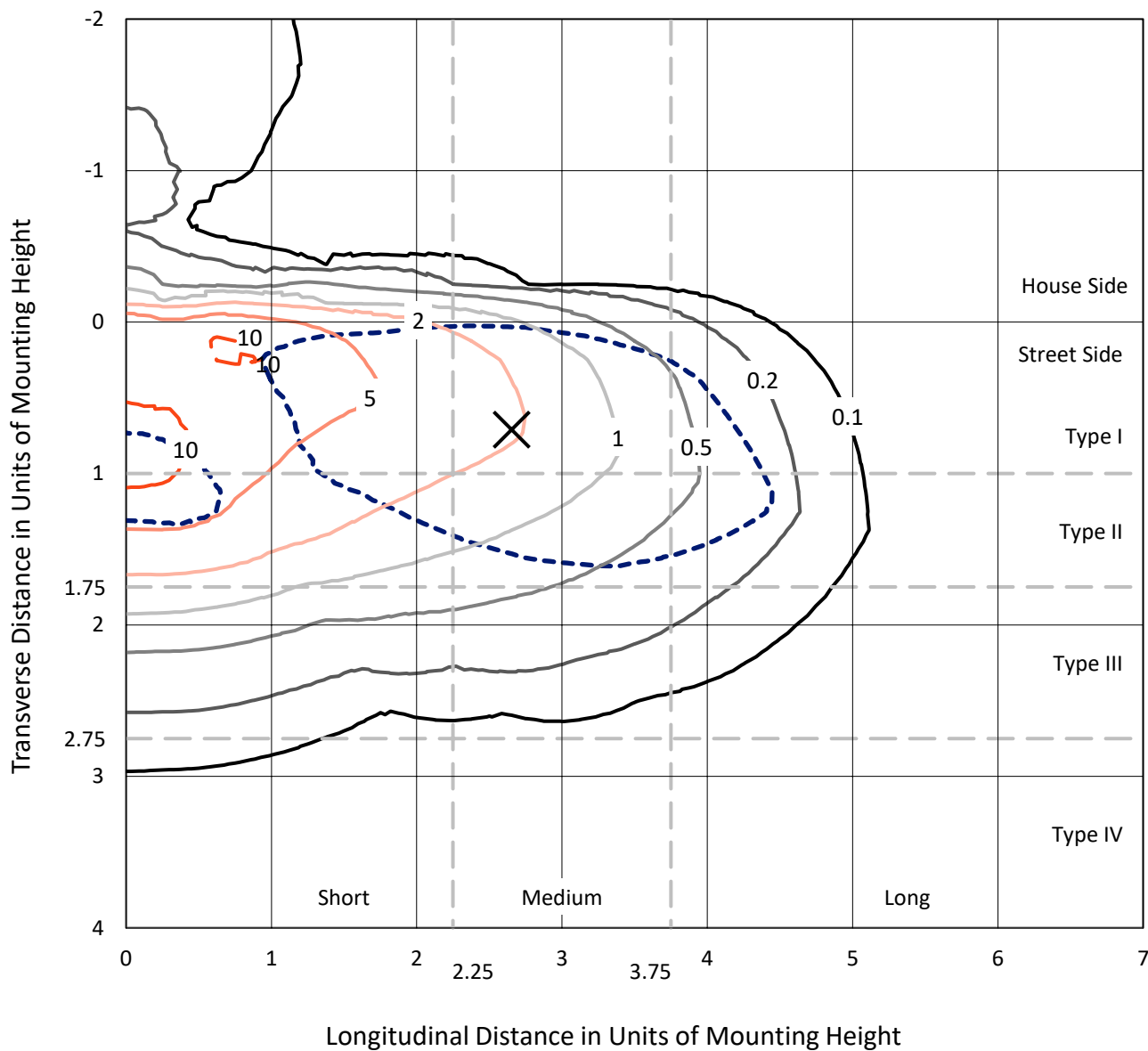
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## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd



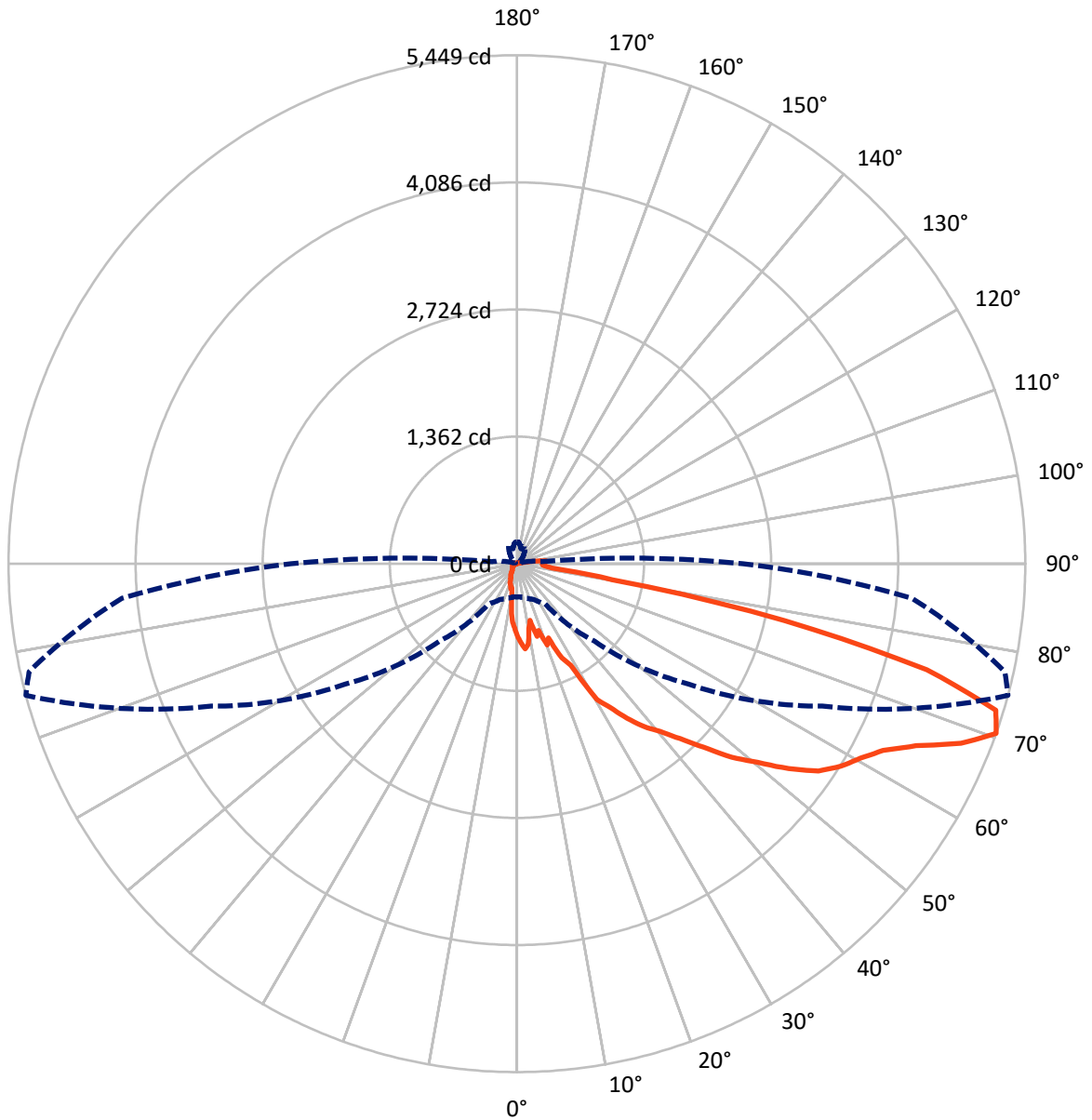
Based on 10 foot mounting height. Maximum calculated value = 14.2 fc

Type II - Medium - N/A

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## Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral      - - - Horizontal Cone Through 70-Deg Vertical

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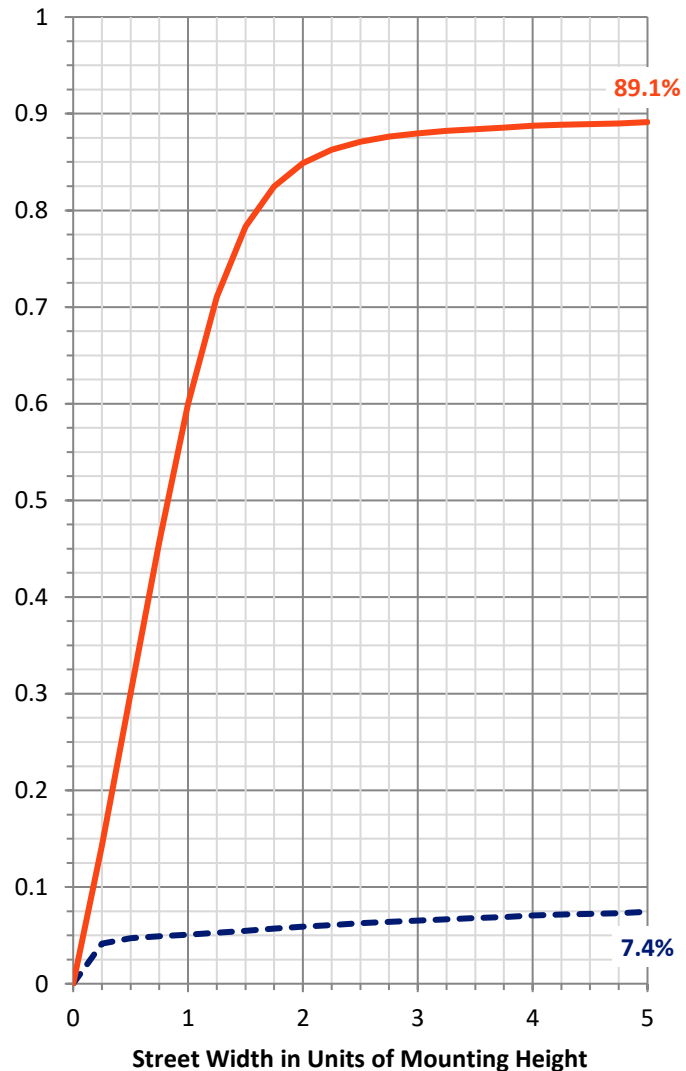
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 464.3    | 57.6   | 522.0  |
|                    | % Fixture | 8.1      | 1.0    | 9.2    |
| <b>Street Side</b> | Lumens    | 5103.9   | 72.6   | 5176.5 |
|                    | % Fixture | 89.6     | 1.3    | 90.8   |
| <b>Total</b>       | Lumens    | 5568.2   | 130.2  | 5698.4 |
|                    | % Fixture | 97.7     | 2.3    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 61.5   | 1.1       |
| 10°-20°   | 150.3  | 2.6       |
| 20°-30°   | 282.0  | 4.9       |
| 30°-40°   | 632.9  | 11.1      |
| 40°-50°   | 1041.5 | 18.3      |
| 50°-60°   | 1276.7 | 22.4      |
| 60°-70°   | 1195.8 | 21.0      |
| 70°-80°   | 778.7  | 13.7      |
| 80°-90°   | 148.7  | 2.6       |
| 90°-100°  | 85.3   | 1.5       |
| 100°-110° | 19.2   | 0.3       |
| 110°-120° | 9.7    | 0.2       |
| 120°-130° | 8.2    | 0.1       |
| 130°-140° | 4.0    | 0.1       |
| 140°-150° | 2.0    | 0.0       |
| 150°-160° | 1.7    | 0.0       |
| 160°-170° | 0.1    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 5568.2 | 97.7      |
| 0°-180°   | 5698.4 | 100.0     |



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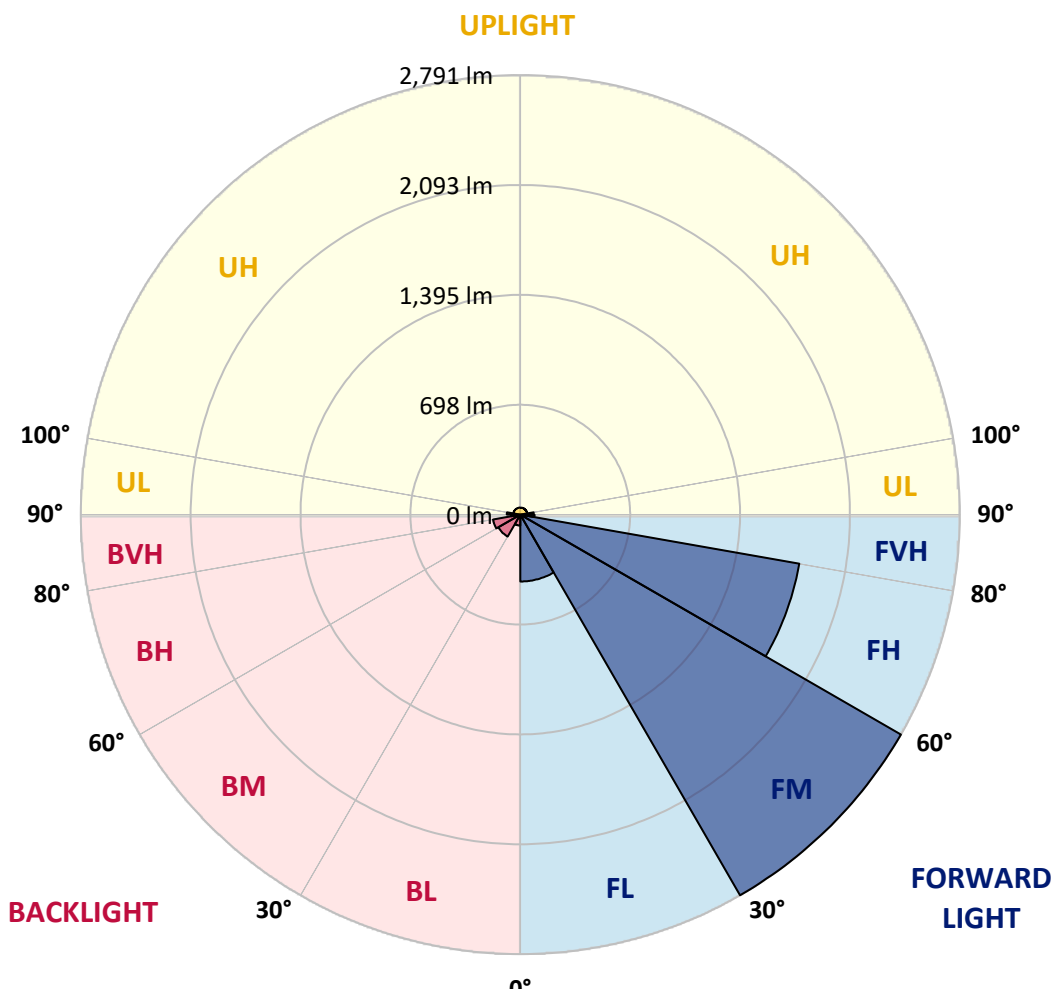
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 424.5  | 7.4       |                         |        |         |
| FM   | (30°-60°)   | 2790.7 | 49.0      |                         |        |         |
| FH   | (60°-80°)   | 1798.7 | 31.6      |                         |        | G1/1800 |
| FVH  | (80°-90°)   | 90.0   | 1.6       |                         |        | G1/100  |
| BL   | (0°-30°)    | 69.3   | 1.2       | B0/110                  |        |         |
| BM   | (30°-60°)   | 160.5  | 2.8       | B0/220                  |        |         |
| BH   | (60°-80°)   | 175.8  | 3.1       | B1/500                  |        | G1/500  |
| BVH  | (80°-90°)   | 58.7   | 1.0       |                         |        | G1/100  |
| UL   | (90°-100°)  | 85.3   | 1.5       |                         | U3/500 |         |
| UH   | (100°-180°) | 44.9   | 0.8       |                         | U2/50  |         |

**BUG Rating: B1-U3-G1**

Type II Medium



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 77.5°  | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 775.2  | 775.2  | 775.2  | 775.2  | 775.2  | 775.2  | 775.2  | 775.2  | 775.2  | 775.2  | 775.2  |
| 2.5°   | 865.0  | 919.4  | 935.7  | 962.9  | 976.5  | 960.2  | 930.3  | 892.2  | 851.4  | 840.5  | 805.2  |
| 5°     | 982.0  | 971.1  | 962.9  | 962.9  | 946.6  | 911.3  | 878.6  | 979.3  | 916.7  | 903.1  | 832.4  |
| 7.5°   | 892.2  | 976.5  | 1039.1 | 1044.5 | 1036.4 | 1009.2 | 962.9  | 859.6  | 873.2  | 856.9  | 769.8  |
| 10°    | 1079.9 | 1082.6 | 1071.7 | 1079.9 | 1003.7 | 965.7  | 816.1  | 753.5  | 704.5  | 769.8  | 690.9  |
| 12.5°  | 894.9  | 1028.2 | 1104.4 | 1131.6 | 1036.4 | 911.3  | 835.1  | 802.5  | 622.9  | 606.6  | 625.6  |
| 15°    | 1093.5 | 1099.0 | 1107.1 | 1079.9 | 840.5  | 954.8  | 775.2  | 715.4  | 807.9  | 786.1  | 772.5  |
| 17.5°  | 865.0  | 875.9  | 1060.9 | 1050.0 | 973.8  | 756.2  | 922.1  | 821.5  | 750.8  | 723.6  | 704.5  |
| 20°    | 1101.7 | 1104.4 | 1101.7 | 835.1  | 908.5  | 1017.3 | 867.7  | 840.5  | 930.3  | 919.4  | 870.5  |
| 22.5°  | 924.9  | 924.9  | 987.4  | 1071.7 | 954.8  | 1020.1 | 884.1  | 1047.3 | 865.0  | 859.6  | 647.4  |
| 25°    | 1278.5 | 1278.5 | 1235.0 | 946.6  | 1082.6 | 960.2  | 1050.0 | 941.2  | 1118.0 | 1079.9 | 971.1  |
| 27.5°  | 1243.1 | 1205.0 | 1137.0 | 1194.2 | 1047.3 | 1202.3 | 1017.3 | 1147.9 | 1232.2 | 1267.6 | 1210.5 |
| 30°    | 1727.3 | 1727.3 | 1653.9 | 1278.5 | 1226.8 | 1161.5 | 1175.1 | 1373.7 | 1689.2 | 1694.7 | 1463.5 |
| 32.5°  | 2339.3 | 2295.8 | 1906.8 | 1648.4 | 1341.0 | 1458.0 | 1327.4 | 1615.8 | 1836.1 | 1828.0 | 1555.9 |
| 35°    | 2589.6 | 2576.0 | 2456.3 | 2023.8 | 1553.2 | 1596.7 | 1496.1 | 1708.3 | 2034.7 | 1980.3 | 1667.5 |
| 37.5°  | 2845.3 | 2823.5 | 2701.1 | 2236.0 | 1776.3 | 1833.4 | 1621.2 | 1844.3 | 2216.9 | 2138.1 | 1789.9 |
| 40°    | 3003.1 | 3005.8 | 2918.7 | 2404.6 | 1953.1 | 1983.0 | 1770.8 | 2010.2 | 2363.8 | 2380.2 | 1896.0 |
| 42.5°  | 3169.0 | 3166.3 | 3095.6 | 2603.2 | 2100.0 | 2138.1 | 1890.5 | 2168.0 | 2562.4 | 2581.4 | 2075.5 |
| 45°    | 3258.8 | 3253.3 | 3212.5 | 2739.2 | 2216.9 | 2244.1 | 2075.5 | 2361.1 | 2804.5 | 2799.1 | 2222.4 |
| 47.5°  | 3280.5 | 3288.7 | 3286.0 | 2872.5 | 2339.3 | 2350.2 | 2241.4 | 2502.6 | 3098.3 | 3038.4 | 2415.5 |
| 50°    | 3158.1 | 3163.6 | 3201.6 | 2978.6 | 2429.1 | 2440.0 | 2372.0 | 2663.1 | 3345.8 | 3275.1 | 2589.6 |
| 52.5°  | 2818.1 | 2850.7 | 3011.2 | 2913.3 | 2467.2 | 2508.0 | 2494.4 | 2785.5 | 3647.8 | 3560.7 | 2804.5 |
| 55°    | 2094.5 | 2170.7 | 2537.9 | 2668.5 | 2448.2 | 2510.7 | 2603.2 | 3008.5 | 3922.5 | 3816.4 | 2978.6 |
| 57.5°  | 1670.2 | 1683.8 | 1901.4 | 2260.5 | 2293.1 | 2497.1 | 2717.5 | 3144.5 | 4093.9 | 3987.8 | 3103.7 |
| 60°    | 1319.3 | 1341.0 | 1482.5 | 1770.8 | 2002.0 | 2415.5 | 2750.1 | 3283.3 | 4229.9 | 4140.1 | 3242.4 |
| 62.5°  | 1022.8 | 1020.1 | 1128.9 | 1322.0 | 1613.1 | 2244.1 | 2706.6 | 3367.6 | 4404.0 | 4336.0 | 3490.0 |
| 65°    | 712.7  | 712.7  | 805.2  | 960.2  | 1221.4 | 1936.8 | 2619.5 | 3487.3 | 4700.5 | 4681.4 | 3797.4 |
| 67.5°  | 486.9  | 497.8  | 560.4  | 636.5  | 837.8  | 1575.0 | 2489.0 | 3609.7 | 5133.0 | 5043.2 | 4093.9 |
| 70°    | 356.3  | 356.3  | 380.8  | 421.6  | 522.3  | 1175.1 | 2255.0 | 3612.4 | 5448.5 | 5356.0 | 4248.9 |
| 72.5°  | 263.9  | 263.9  | 282.9  | 301.9  | 329.1  | 780.7  | 1849.7 | 3383.9 | 5366.9 | 5220.0 | 3933.4 |
| 75°    | 138.7  | 138.7  | 214.9  | 223.1  | 220.3  | 506.0  | 1365.5 | 2780.0 | 4537.3 | 4292.4 | 3079.2 |
| 77.5°  | 108.8  | 111.5  | 122.4  | 174.1  | 160.5  | 331.9  | 761.6  | 1711.0 | 2932.3 | 2633.1 | 1667.5 |
| 80°    | 78.9   | 76.2   | 95.2   | 111.5  | 95.2   | 193.1  | 359.1  | 750.8  | 1039.1 | 900.4  | 549.5  |
| 82.5°  | 46.2   | 49.0   | 57.1   | 81.6   | 81.6   | 136.0  | 233.9  | 329.1  | 372.7  | 369.9  | 329.1  |
| 85°    | 5.4    | 8.2    | 29.9   | 54.4   | 49.0   | 78.9   | 195.9  | 228.5  | 293.8  | 299.2  | 293.8  |
| 87.5°  | 5.4    | 5.4    | 8.2    | 10.9   | 13.6   | 51.7   | 165.9  | 198.6  | 272.0  | 291.1  | 293.8  |
| 90°    | 10.9   | 8.2    | 5.4    | 5.4    | 8.2    | 40.8   | 155.0  | 204.0  | 288.3  | 293.8  | 307.4  |
| 92.5°  | 13.6   | 10.9   | 5.4    | 2.7    | 8.2    | 32.6   | 146.9  | 204.0  | 299.2  | 318.3  | 331.9  |
| 95°    | 19.0   | 16.3   | 5.4    | 2.7    | 8.2    | 27.2   | 125.1  | 193.1  | 312.8  | 345.5  | 359.1  |
| 97.5°  | 24.5   | 21.8   | 5.4    | 5.4    | 8.2    | 21.8   | 97.9   | 152.3  | 206.7  | 233.9  | 253.0  |
| 100°   | 27.2   | 27.2   | 5.4    | 5.4    | 8.2    | 13.6   | 49.0   | 84.3   | 65.3   | 62.6   | 70.7   |
| 102.5° | 29.9   | 29.9   | 5.4    | 5.4    | 5.4    | 8.2    | 16.3   | 35.4   | 13.6   | 13.6   | 21.8   |
| 105°   | 29.9   | 29.9   | 5.4    | 5.4    | 5.4    | 5.4    | 5.4    | 13.6   | 10.9   | 13.6   | 24.5   |
| 107.5° | 27.2   | 29.9   | 5.4    | 8.2    | 8.2    | 5.4    | 5.4    | 5.4    | 10.9   | 16.3   | 24.5   |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 15°  | 25°  | 35° | 45° | 55° | 65° | 75°  | 77.5° | 85°  |
|--------|------|------|------|------|-----|-----|-----|-----|------|-------|------|
| 112.5° | 19.0 | 13.6 | 2.7  | 8.2  | 5.4 | 5.4 | 2.7 | 5.4 | 13.6 | 19.0  | 27.2 |
| 115°   | 8.2  | 5.4  | 2.7  | 5.4  | 5.4 | 5.4 | 2.7 | 5.4 | 13.6 | 21.8  | 27.2 |
| 117.5° | 5.4  | 2.7  | 2.7  | 2.7  | 2.7 | 5.4 | 2.7 | 8.2 | 19.0 | 24.5  | 32.6 |
| 120°   | 2.7  | 2.7  | 2.7  | 2.7  | 2.7 | 2.7 | 2.7 | 8.2 | 24.5 | 27.2  | 38.1 |
| 122.5° | 2.7  | 2.7  | 2.7  | 2.7  | 2.7 | 2.7 | 2.7 | 5.4 | 24.5 | 27.2  | 38.1 |
| 125°   | 2.7  | 2.7  | 2.7  | 2.7  | 2.7 | 2.7 | 2.7 | 5.4 | 19.0 | 24.5  | 32.6 |
| 127.5° | 2.7  | 2.7  | 2.7  | 2.7  | 2.7 | 2.7 | 2.7 | 5.4 | 13.6 | 19.0  | 27.2 |
| 130°   | 2.7  | 2.7  | 2.7  | 2.7  | 2.7 | 2.7 | 2.7 | 2.7 | 13.6 | 16.3  | 21.8 |
| 132.5° | 2.7  | 2.7  | 2.7  | 2.7  | 2.7 | 2.7 | 2.7 | 2.7 | 8.2  | 10.9  | 16.3 |
| 135°   | 2.7  | 2.7  | 2.7  | 2.7  | 2.7 | 2.7 | 2.7 | 2.7 | 5.4  | 5.4   | 10.9 |
| 137.5° | 2.7  | 2.7  | 2.7  | 2.7  | 2.7 | 2.7 | 2.7 | 2.7 | 2.7  | 2.7   | 2.7  |
| 140°   | 2.7  | 0.0  | 2.7  | 2.7  | 2.7 | 2.7 | 2.7 | 2.7 | 2.7  | 2.7   | 2.7  |
| 142.5° | 2.7  | 2.7  | 2.7  | 2.7  | 2.7 | 2.7 | 2.7 | 2.7 | 2.7  | 2.7   | 2.7  |
| 145°   | 2.7  | 2.7  | 2.7  | 2.7  | 5.4 | 2.7 | 2.7 | 2.7 | 2.7  | 2.7   | 2.7  |
| 147.5° | 2.7  | 2.7  | 2.7  | 5.4  | 5.4 | 5.4 | 2.7 | 2.7 | 2.7  | 2.7   | 2.7  |
| 150°   | 5.4  | 8.2  | 13.6 | 10.9 | 5.4 | 2.7 | 5.4 | 2.7 | 2.7  | 2.7   | 2.7  |
| 152.5° | 13.6 | 13.6 | 10.9 | 10.9 | 2.7 | 2.7 | 5.4 | 5.4 | 2.7  | 2.7   | 2.7  |
| 155°   | 10.9 | 10.9 | 8.2  | 2.7  | 2.7 | 2.7 | 2.7 | 5.4 | 8.2  | 10.9  | 8.2  |
| 157.5° | 0.0  | 0.0  | 0.0  | 0.0  | 2.7 | 2.7 | 2.7 | 2.7 | 2.7  | 2.7   | 2.7  |
| 160°   | 0.0  | 0.0  | 0.0  | 0.0  | 2.7 | 2.7 | 2.7 | 2.7 | 2.7  | 2.7   | 2.7  |
| 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°     | 775.2  | 775.2 | 775.2 | 775.2 | 775.2 | 775.2 | 775.2 | 775.2 | 775.2 | 775.2 | 775.2 |
| 2.5°   | 778.0  | 750.8 | 690.9 | 644.7 | 595.7 | 568.5 | 516.8 | 473.3 | 440.7 | 435.2 | 435.2 |
| 5°     | 778.0  | 723.6 | 617.5 | 503.2 | 397.1 | 342.7 | 312.8 | 293.8 | 280.2 | 274.7 | 272.0 |
| 7.5°   | 696.4  | 625.6 | 484.2 | 350.9 | 304.7 | 255.7 | 220.3 | 193.1 | 168.7 | 160.5 | 152.3 |
| 10°    | 609.3  | 522.3 | 329.1 | 242.1 | 193.1 | 160.5 | 144.2 | 136.0 | 127.8 | 125.1 | 125.1 |
| 12.5°  | 541.3  | 451.5 | 263.9 | 198.6 | 136.0 | 114.2 | 108.8 | 103.4 | 100.6 | 97.9  | 95.2  |
| 15°    | 661.0  | 541.3 | 274.7 | 136.0 | 95.2  | 81.6  | 76.2  | 78.9  | 84.3  | 84.3  | 84.3  |
| 17.5°  | 612.0  | 476.0 | 228.5 | 103.4 | 78.9  | 59.8  | 65.3  | 70.7  | 76.2  | 68.0  | 65.3  |
| 20°    | 731.7  | 560.4 | 223.1 | 81.6  | 65.3  | 59.8  | 57.1  | 49.0  | 62.6  | 62.6  | 62.6  |
| 22.5°  | 530.4  | 424.3 | 168.7 | 76.2  | 54.4  | 51.7  | 43.5  | 49.0  | 51.7  | 43.5  | 43.5  |
| 25°    | 786.1  | 552.2 | 165.9 | 59.8  | 54.4  | 40.8  | 43.5  | 35.4  | 43.5  | 43.5  | 43.5  |
| 27.5°  | 973.8  | 652.8 | 146.9 | 62.6  | 46.2  | 40.8  | 32.6  | 35.4  | 32.6  | 32.6  | 32.6  |
| 30°    | 1158.8 | 734.4 | 133.3 | 62.6  | 43.5  | 32.6  | 29.9  | 27.2  | 32.6  | 32.6  | 32.6  |
| 32.5°  | 1213.2 | 715.4 | 106.1 | 65.3  | 40.8  | 29.9  | 24.5  | 27.2  | 27.2  | 29.9  | 29.9  |
| 35°    | 1275.8 | 699.1 | 89.8  | 57.1  | 38.1  | 27.2  | 21.8  | 24.5  | 27.2  | 29.9  | 29.9  |
| 37.5°  | 1335.6 | 671.9 | 81.6  | 51.7  | 32.6  | 24.5  | 19.0  | 21.8  | 57.1  | 62.6  | 62.6  |
| 40°    | 1411.8 | 639.2 | 76.2  | 46.2  | 27.2  | 19.0  | 16.3  | 43.5  | 51.7  | 59.8  | 59.8  |
| 42.5°  | 1520.6 | 620.2 | 70.7  | 43.5  | 24.5  | 16.3  | 16.3  | 38.1  | 73.4  | 81.6  | 81.6  |
| 45°    | 1610.3 | 587.6 | 68.0  | 38.1  | 21.8  | 13.6  | 27.2  | 51.7  | 59.8  | 76.2  | 73.4  |
| 47.5°  | 1721.9 | 557.6 | 65.3  | 35.4  | 19.0  | 13.6  | 29.9  | 54.4  | 76.2  | 87.0  | 87.0  |
| 50°    | 1841.6 | 541.3 | 62.6  | 32.6  | 19.0  | 13.6  | 51.7  | 51.7  | 62.6  | 97.9  | 97.9  |
| 52.5°  | 1993.9 | 530.4 | 57.1  | 27.2  | 16.3  | 27.2  | 70.7  | 62.6  | 76.2  | 100.6 | 100.6 |
| 55°    | 2067.3 | 495.1 | 54.4  | 24.5  | 13.6  | 27.2  | 76.2  | 70.7  | 78.9  | 106.1 | 106.1 |
| 57.5°  | 2132.6 | 459.7 | 49.0  | 24.5  | 13.6  | 35.4  | 81.6  | 89.8  | 76.2  | 92.5  | 103.4 |
| 60°    | 2192.5 | 424.3 | 43.5  | 21.8  | 13.6  | 43.5  | 89.8  | 125.1 | 106.1 | 125.1 | 125.1 |
| 62.5°  | 2331.2 | 397.1 | 38.1  | 24.5  | 10.9  | 49.0  | 117.0 | 152.3 | 119.7 | 152.3 | 149.6 |
| 65°    | 2461.8 | 364.5 | 35.4  | 21.8  | 13.6  | 57.1  | 127.8 | 176.8 | 130.6 | 176.8 | 176.8 |
| 67.5°  | 2513.4 | 323.7 | 32.6  | 21.8  | 13.6  | 65.3  | 127.8 | 195.9 | 155.0 | 198.6 | 201.3 |
| 70°    | 2423.7 | 266.6 | 29.9  | 24.5  | 16.3  | 73.4  | 133.3 | 209.5 | 165.9 | 231.2 | 231.2 |
| 72.5°  | 2059.2 | 182.3 | 29.9  | 27.2  | 32.6  | 81.6  | 157.8 | 217.6 | 174.1 | 277.5 | 280.2 |
| 75°    | 1536.9 | 103.4 | 32.6  | 29.9  | 35.4  | 92.5  | 174.1 | 225.8 | 182.3 | 280.2 | 280.2 |
| 77.5°  | 875.9  | 70.7  | 32.6  | 35.4  | 43.5  | 92.5  | 182.3 | 233.9 | 179.5 | 274.7 | 269.3 |
| 80°    | 304.7  | 51.7  | 32.6  | 40.8  | 54.4  | 92.5  | 185.0 | 231.2 | 174.1 | 255.7 | 255.7 |
| 82.5°  | 206.7  | 43.5  | 32.6  | 40.8  | 65.3  | 97.9  | 182.3 | 217.6 | 155.0 | 214.9 | 206.7 |
| 85°    | 193.1  | 35.4  | 35.4  | 43.5  | 70.7  | 97.9  | 165.9 | 187.7 | 130.6 | 160.5 | 157.8 |
| 87.5°  | 190.4  | 32.6  | 40.8  | 46.2  | 76.2  | 89.8  | 141.4 | 155.0 | 106.1 | 130.6 | 127.8 |
| 90°    | 198.6  | 32.6  | 43.5  | 49.0  | 70.7  | 73.4  | 114.2 | 130.6 | 87.0  | 103.4 | 100.6 |
| 92.5°  | 212.2  | 32.6  | 46.2  | 54.4  | 62.6  | 54.4  | 92.5  | 103.4 | 73.4  | 78.9  | 76.2  |
| 95°    | 225.8  | 32.6  | 51.7  | 57.1  | 51.7  | 40.8  | 70.7  | 84.3  | 59.8  | 57.1  | 57.1  |
| 97.5°  | 149.6  | 24.5  | 54.4  | 57.1  | 43.5  | 29.9  | 54.4  | 65.3  | 35.4  | 29.9  | 29.9  |
| 100°   | 49.0   | 19.0  | 57.1  | 59.8  | 40.8  | 21.8  | 46.2  | 49.0  | 27.2  | 13.6  | 13.6  |
| 102.5° | 21.8   | 19.0  | 51.7  | 51.7  | 35.4  | 16.3  | 32.6  | 35.4  | 19.0  | 5.4   | 5.4   |
| 105°   | 19.0   | 10.9  | 29.9  | 38.1  | 24.5  | 8.2   | 16.3  | 19.0  | 10.9  | 5.4   | 5.4   |
| 107.5° | 21.8   | 10.9  | 16.3  | 21.8  | 10.9  | 8.2   | 8.2   | 8.2   | 5.4   | 5.4   | 5.4   |

REPORT NUMBER: P560777

CATALOG NUMBER: SDL-PA1-60-760-U-T2R-HSS-A

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 24.5 | 10.9 | 8.2  | 10.9 | 8.2  | 8.2  | 5.4  | 5.4  | 10.9 | 19.0 | 19.0 |
| 115°   | 24.5 | 10.9 | 8.2  | 10.9 | 8.2  | 8.2  | 5.4  | 2.7  | 10.9 | 27.2 | 29.9 |
| 117.5° | 27.2 | 13.6 | 5.4  | 8.2  | 5.4  | 5.4  | 5.4  | 2.7  | 13.6 | 35.4 | 35.4 |
| 120°   | 32.6 | 13.6 | 5.4  | 5.4  | 5.4  | 2.7  | 5.4  | 5.4  | 13.6 | 38.1 | 38.1 |
| 122.5° | 32.6 | 16.3 | 5.4  | 5.4  | 5.4  | 2.7  | 2.7  | 5.4  | 16.3 | 35.4 | 38.1 |
| 125°   | 27.2 | 13.6 | 5.4  | 5.4  | 5.4  | 2.7  | 2.7  | 5.4  | 16.3 | 32.6 | 38.1 |
| 127.5° | 21.8 | 13.6 | 5.4  | 5.4  | 5.4  | 2.7  | 2.7  | 5.4  | 16.3 | 27.2 | 29.9 |
| 130°   | 19.0 | 10.9 | 5.4  | 5.4  | 5.4  | 2.7  | 2.7  | 5.4  | 13.6 | 21.8 | 24.5 |
| 132.5° | 13.6 | 8.2  | 5.4  | 5.4  | 5.4  | 2.7  | 2.7  | 2.7  | 13.6 | 21.8 | 21.8 |
| 135°   | 10.9 | 8.2  | 5.4  | 5.4  | 5.4  | 2.7  | 2.7  | 2.7  | 10.9 | 16.3 | 16.3 |
| 137.5° | 5.4  | 2.7  | 5.4  | 5.4  | 5.4  | 2.7  | 2.7  | 2.7  | 8.2  | 8.2  | 8.2  |
| 140°   | 2.7  | 2.7  | 2.7  | 5.4  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 5.4  | 2.7  |
| 142.5° | 2.7  | 2.7  | 2.7  | 5.4  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  |
| 145°   | 2.7  | 2.7  | 2.7  | 5.4  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  |
| 147.5° | 2.7  | 2.7  | 2.7  | 5.4  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  |
| 150°   | 2.7  | 2.7  | 2.7  | 5.4  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  |
| 152.5° | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 0.0  | 2.7  | 2.7  | 2.7  | 2.7  |
| 155°   | 5.4  | 5.4  | 2.7  | 5.4  | 2.7  | 2.7  | 0.0  | 2.7  | 2.7  | 2.7  | 2.7  |
| 157.5° | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 0.0  | 2.7  | 2.7  | 2.7  | 2.7  |
| 160°   | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 0.0  | 2.7  | 2.7  | 2.7  | 2.7  |
| 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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|      |      |      |     |     |     |     |     |     |      |      |      |
|------|------|------|-----|-----|-----|-----|-----|-----|------|------|------|
| 110° | 24.5 | 24.5 | 5.4 | 8.2 | 8.2 | 5.4 | 2.7 | 5.4 | 10.9 | 16.3 | 27.2 |
|------|------|------|-----|-----|-----|-----|-----|-----|------|------|------|





|      |      |      |     |      |      |     |     |     |     |     |     |
|------|------|------|-----|------|------|-----|-----|-----|-----|-----|-----|
| 110° | 21.8 | 10.9 | 8.2 | 13.6 | 10.9 | 8.2 | 5.4 | 5.4 | 5.4 | 8.2 | 8.2 |
|------|------|------|-----|------|------|-----|-----|-----|-----|-----|-----|



(END OF REPORT)