

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: P559857

Luminaire Tested: **SDL-PA1-100-740-U-T2U-HSS-A**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559857  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: SDL-PA1-100-740-U-T2U-HSS-A  
Description: Springdale  
(1) 70 CRI, 4000K, 1200mA LIGHT ENGINE WITH 24 LEDS AND TYPE II U OPTICS,  
HOUSE SIDE SHIELD AND CLEARPANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7013.6 lumens  
Efficiency: N/A  
Efficacy: 74.8 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 - U3 - G2

Input Watts (W): 93.8  
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

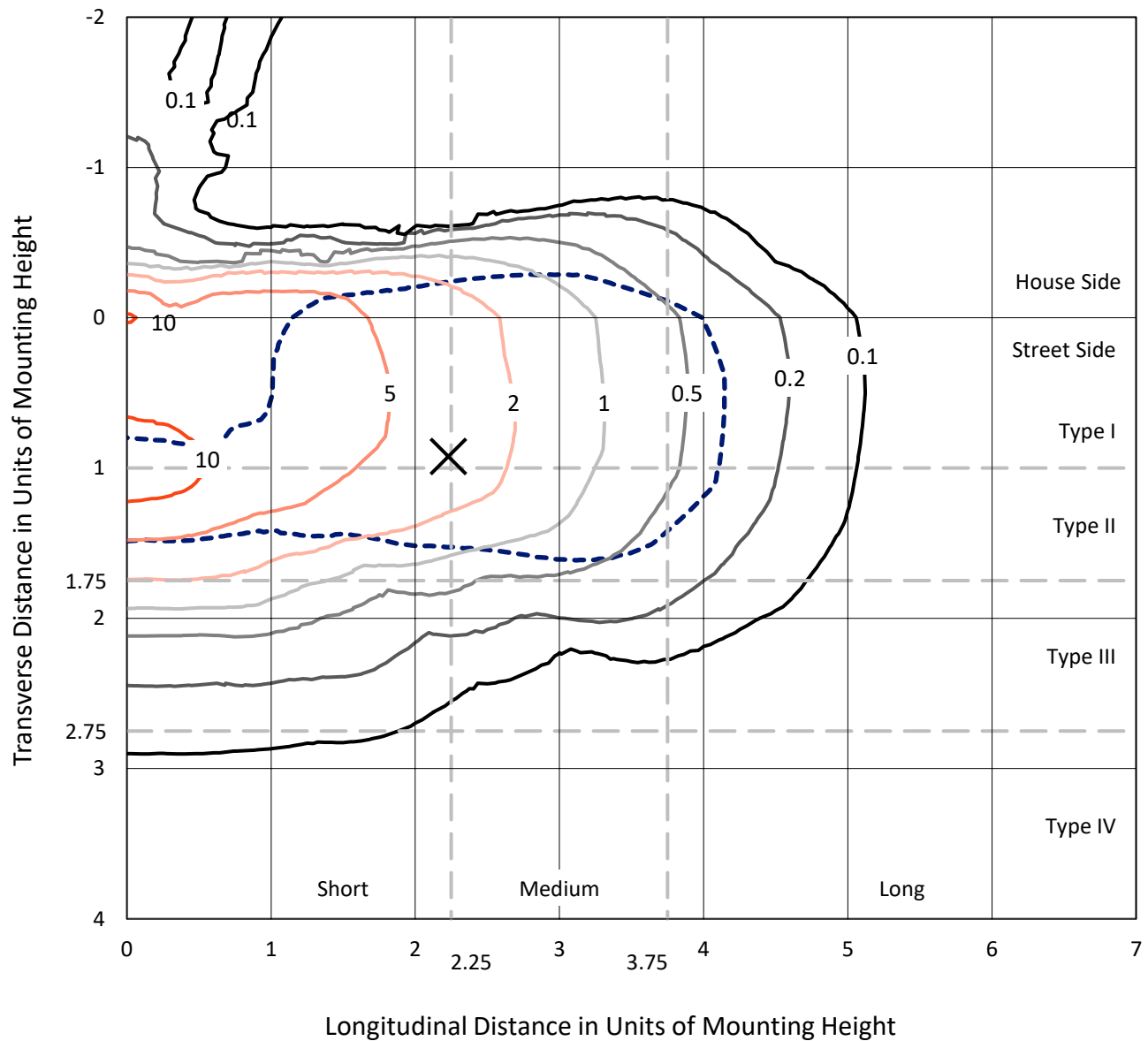


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## Iso-Footcandle Lines of Horizontal Illumination

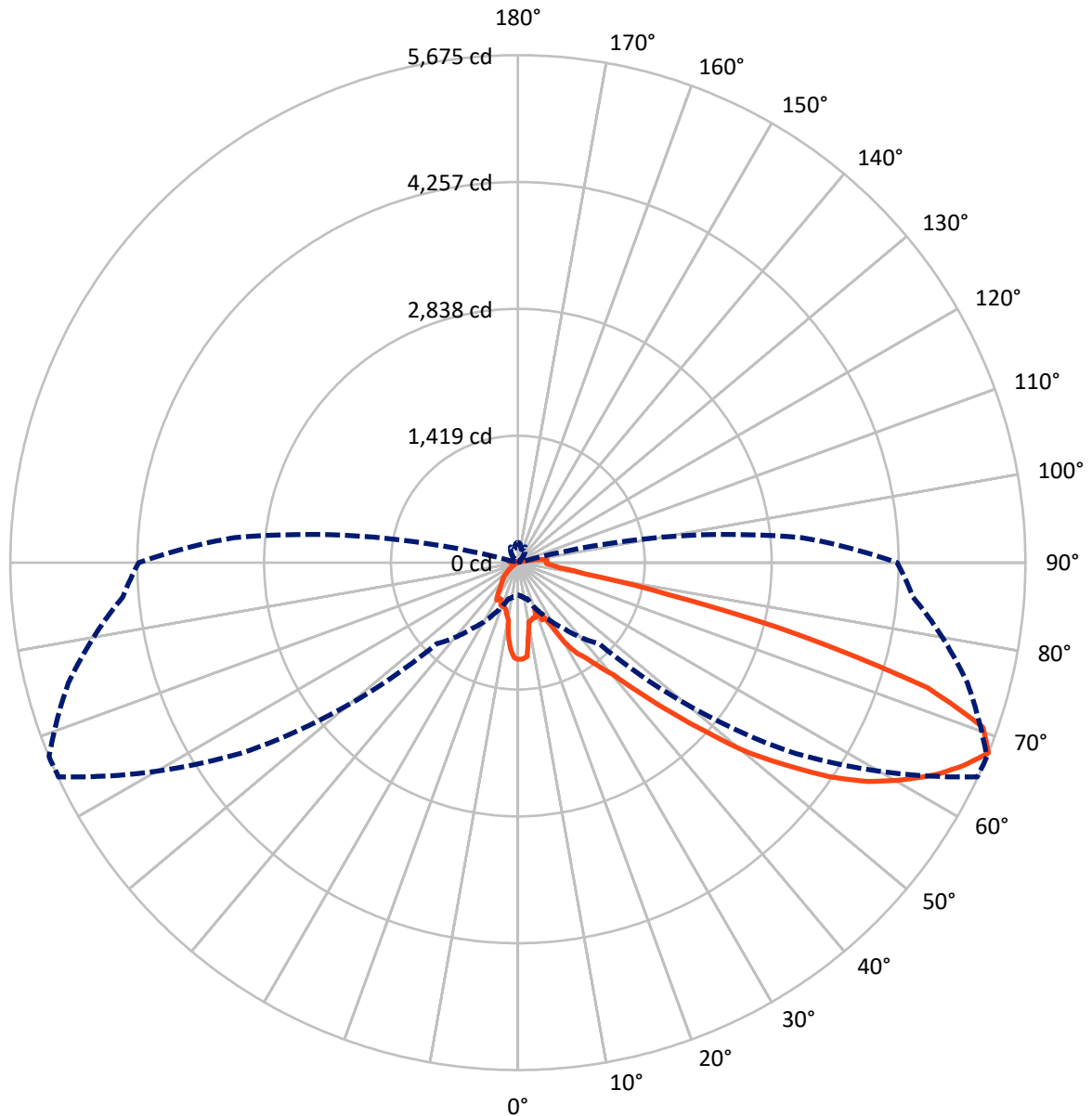
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 14.2 fc  
 Type II - Short - N/A

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## Luminous Intensity Polar Plot



— Vertical Plane Through 67.5-Deg Lateral    - - - Horizontal Cone Through 67.5-Deg Vertical

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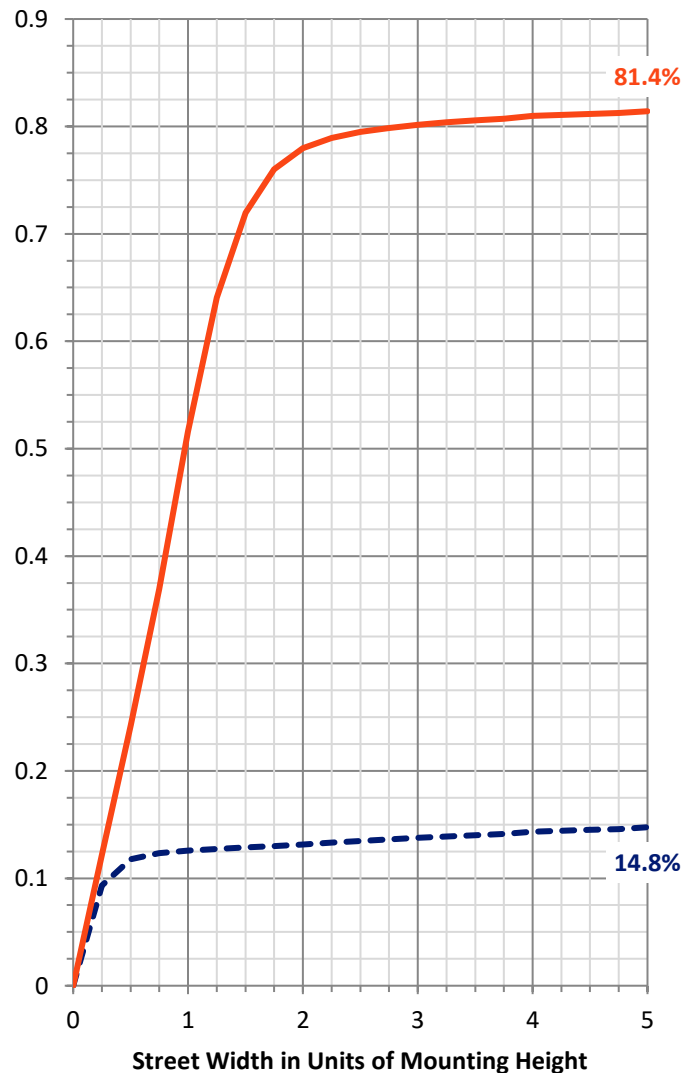
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1097.5   | 81.7   | 1179.3 |
|                    | % Fixture | 15.6     | 1.2    | 16.8   |
| <b>Street Side</b> | Lumens    | 5747.4   | 86.9   | 5834.3 |
|                    | % Fixture | 81.9     | 1.2    | 83.2   |
| <b>Total</b>       | Lumens    | 6845.0   | 168.7  | 7013.6 |
|                    | % Fixture | 97.6     | 2.4    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 83.1   | 1.2       |
| 10°-20°   | 158.5  | 2.3       |
| 20°-30°   | 239.2  | 3.4       |
| 30°-40°   | 550.9  | 7.9       |
| 40°-50°   | 1228.0 | 17.5      |
| 50°-60°   | 1827.2 | 26.1      |
| 60°-70°   | 1629.6 | 23.2      |
| 70°-80°   | 914.8  | 13.0      |
| 80°-90°   | 213.6  | 3.0       |
| 90°-100°  | 117.3  | 1.7       |
| 100°-110° | 27.0   | 0.4       |
| 110°-120° | 10.6   | 0.2       |
| 120°-130° | 7.0    | 0.1       |
| 130°-140° | 3.6    | 0.1       |
| 140°-150° | 1.7    | 0.0       |
| 150°-160° | 1.4    | 0.0       |
| 160°-170° | 0.1    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 6845.0 | 97.6      |
| 0°-180°   | 7013.6 | 100.0     |

**Coefficient of Utilization**



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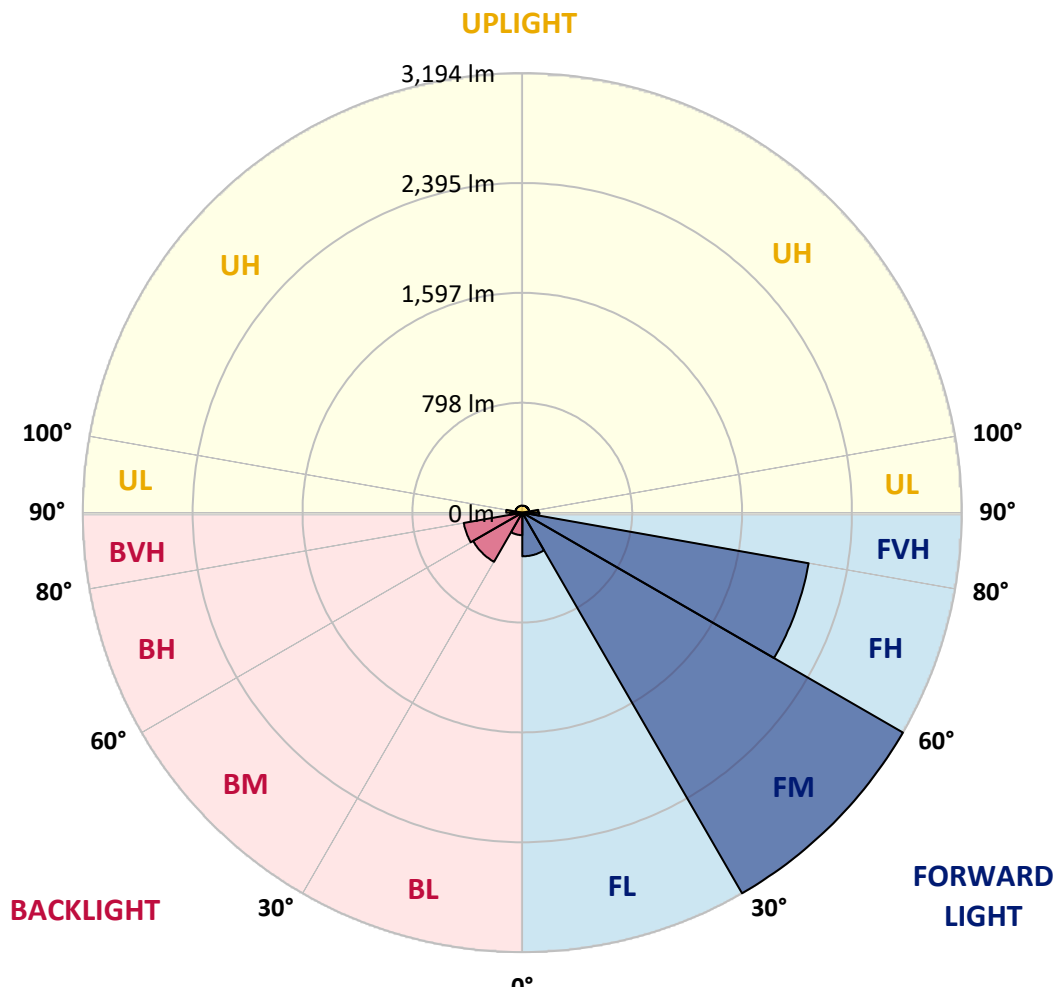
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 317.3  | 4.5       |                         |        |         |
| FM   | (30°-60°)   | 3193.6 | 45.5      |                         |        |         |
| FH   | (60°-80°)   | 2112.6 | 30.1      |                         |        | G2/5000 |
| FVH  | (80°-90°)   | 124.0  | 1.8       |                         |        | G2/225  |
| BL   | (0°-30°)    | 163.6  | 2.3       | B1/500                  |        |         |
| BM   | (30°-60°)   | 412.5  | 5.9       | B1/1000                 |        |         |
| BH   | (60°-80°)   | 431.8  | 6.2       | B1/500                  |        | G1/500  |
| BVH  | (80°-90°)   | 89.6   | 1.3       |                         |        | G1/100  |
| UL   | (90°-100°)  | 117.3  | 1.7       |                         | U3/500 |         |
| UH   | (100°-180°) | 51.4   | 0.7       |                         | U3/500 |         |

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

Type II Short



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 67.5°  | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1081.9 | 1081.9 | 1081.9 | 1081.9 | 1081.9 | 1081.9 | 1081.9 | 1081.9 | 1081.9 | 1081.9 | 1081.9 |
| 2.5°   | 917.2  | 969.6  | 1025.8 | 1063.2 | 1070.7 | 1081.9 | 1081.9 | 1078.2 | 1078.2 | 1074.4 | 1074.4 |
| 5°     | 891.0  | 887.3  | 891.0  | 898.5  | 894.7  | 894.7  | 894.7  | 1044.5 | 1055.7 | 1063.2 | 1063.2 |
| 7.5°   | 767.5  | 786.2  | 846.1  | 868.5  | 876.0  | 883.5  | 883.5  | 872.3  | 831.1  | 920.9  | 932.2  |
| 10°    | 834.8  | 831.1  | 831.1  | 838.6  | 782.4  | 760.0  | 685.1  | 673.9  | 673.9  | 703.8  | 801.2  |
| 12.5°  | 700.1  | 741.3  | 797.4  | 819.9  | 756.2  | 670.1  | 651.4  | 666.4  | 662.6  | 580.3  | 677.6  |
| 15°    | 793.7  | 793.7  | 786.2  | 771.2  | 595.2  | 666.4  | 561.6  | 561.6  | 640.2  | 688.8  | 774.9  |
| 17.5°  | 643.9  | 662.6  | 756.2  | 745.0  | 655.1  | 501.7  | 655.1  | 602.7  | 647.7  | 606.5  | 651.4  |
| 20°    | 789.9  | 786.2  | 789.9  | 602.7  | 666.4  | 688.8  | 655.1  | 587.8  | 535.3  | 703.8  | 778.7  |
| 22.5°  | 651.4  | 643.9  | 681.4  | 745.0  | 628.9  | 715.0  | 599.0  | 715.0  | 696.3  | 625.2  | 561.6  |
| 25°    | 842.3  | 838.6  | 846.1  | 658.9  | 737.5  | 640.2  | 737.5  | 640.2  | 670.1  | 801.2  | 819.9  |
| 27.5°  | 760.0  | 756.2  | 745.0  | 804.9  | 700.1  | 808.6  | 696.3  | 782.4  | 804.9  | 868.5  | 1007.1 |
| 30°    | 1070.7 | 1055.7 | 1018.3 | 808.6  | 823.6  | 778.7  | 823.6  | 962.1  | 1037.0 | 1164.3 | 1205.5 |
| 32.5°  | 1561.1 | 1482.5 | 1235.4 | 1070.7 | 872.3  | 995.8  | 932.2  | 1130.6 | 1201.7 | 1265.4 | 1299.1 |
| 35°    | 2017.9 | 1984.2 | 1804.5 | 1415.1 | 1063.2 | 1100.6 | 1052.0 | 1265.4 | 1306.5 | 1441.3 | 1433.8 |
| 37.5°  | 2643.0 | 2586.9 | 2309.9 | 1826.9 | 1336.5 | 1321.5 | 1198.0 | 1441.3 | 1471.3 | 1665.9 | 1628.5 |
| 40°    | 3111.0 | 3066.1 | 2849.0 | 2268.7 | 1699.6 | 1568.6 | 1400.1 | 1684.7 | 1651.0 | 1913.0 | 1860.6 |
| 42.5°  | 3560.3 | 3534.0 | 3365.6 | 2774.1 | 2100.2 | 1950.5 | 1609.8 | 1984.2 | 1976.7 | 2205.0 | 2160.1 |
| 45°    | 3923.4 | 3893.4 | 3784.9 | 3227.1 | 2560.7 | 2564.4 | 1939.2 | 2313.6 | 2366.0 | 2583.1 | 2467.1 |
| 47.5°  | 4136.8 | 4073.1 | 3994.5 | 3586.5 | 3024.9 | 3152.2 | 2425.9 | 2688.0 | 2815.3 | 3002.4 | 2826.5 |
| 50°    | 4088.1 | 4024.5 | 4032.0 | 3814.8 | 3451.7 | 3657.6 | 2946.3 | 3084.8 | 3339.4 | 3485.4 | 3137.2 |
| 52.5°  | 3698.8 | 3661.3 | 3784.9 | 3773.6 | 3668.8 | 4121.8 | 3552.8 | 3515.3 | 3766.2 | 3863.5 | 3455.4 |
| 55°    | 3144.7 | 3092.3 | 3324.4 | 3489.1 | 3668.8 | 4410.1 | 4114.3 | 3994.5 | 4222.9 | 4207.9 | 3672.6 |
| 57.5°  | 2388.5 | 2407.2 | 2669.3 | 2927.6 | 3369.3 | 4466.2 | 4529.9 | 4514.9 | 4619.7 | 4492.4 | 3844.8 |
| 60°    | 1632.3 | 1643.5 | 2014.1 | 2306.1 | 2762.8 | 4170.5 | 4664.6 | 4945.4 | 4934.2 | 4732.0 | 4039.4 |
| 62.5°  | 1025.8 | 1022.0 | 1302.8 | 1763.3 | 1987.9 | 3395.5 | 4612.2 | 5271.1 | 5229.9 | 4911.7 | 4189.2 |
| 65°    | 591.5  | 606.5  | 707.6  | 1168.0 | 1381.4 | 2317.3 | 4309.0 | 5589.3 | 5473.3 | 5072.7 | 4350.2 |
| 67.5°  | 363.1  | 374.4  | 423.0  | 632.7  | 902.2  | 1280.3 | 3665.1 | 5668.0 | 5675.4 | 5203.7 | 4436.3 |
| 70°    | 307.0  | 310.7  | 333.2  | 389.3  | 628.9  | 718.8  | 2467.1 | 5301.1 | 5518.2 | 5233.7 | 4410.1 |
| 72.5°  | 258.3  | 262.1  | 295.8  | 340.7  | 468.0  | 509.1  | 1108.1 | 4380.1 | 4791.9 | 5005.3 | 4219.1 |
| 75°    | 190.9  | 194.7  | 243.3  | 310.7  | 340.7  | 408.1  | 606.5  | 2901.4 | 3290.7 | 3957.1 | 3597.7 |
| 77.5°  | 123.5  | 127.3  | 172.2  | 250.8  | 288.3  | 322.0  | 490.4  | 1355.2 | 1714.6 | 2287.4 | 2272.4 |
| 80°    | 82.4   | 82.4   | 101.1  | 176.0  | 228.4  | 262.1  | 426.8  | 670.1  | 763.7  | 943.4  | 883.5  |
| 82.5°  | 52.4   | 52.4   | 63.6   | 108.6  | 146.0  | 262.1  | 400.6  | 479.2  | 464.2  | 471.7  | 419.3  |
| 85°    | 22.5   | 22.5   | 33.7   | 59.9   | 78.6   | 172.2  | 359.4  | 411.8  | 393.1  | 393.1  | 374.4  |
| 87.5°  | 7.5    | 7.5    | 11.2   | 18.7   | 26.2   | 52.4   | 277.0  | 329.4  | 318.2  | 329.4  | 355.7  |
| 90°    | 7.5    | 7.5    | 3.7    | 7.5    | 7.5    | 37.4   | 224.6  | 325.7  | 318.2  | 333.2  | 366.9  |
| 92.5°  | 11.2   | 11.2   | 3.7    | 3.7    | 7.5    | 29.9   | 176.0  | 336.9  | 325.7  | 348.2  | 381.9  |
| 95°    | 18.7   | 18.7   | 7.5    | 3.7    | 11.2   | 26.2   | 108.6  | 299.5  | 325.7  | 344.4  | 389.3  |
| 97.5°  | 22.5   | 22.5   | 7.5    | 7.5    | 11.2   | 22.5   | 56.2   | 243.3  | 250.8  | 262.1  | 307.0  |
| 100°   | 29.9   | 29.9   | 7.5    | 7.5    | 7.5    | 18.7   | 29.9   | 127.3  | 131.0  | 93.6   | 149.7  |
| 102.5° | 29.9   | 29.9   | 7.5    | 7.5    | 7.5    | 11.2   | 15.0   | 56.2   | 52.4   | 18.7   | 18.7   |
| 105°   | 33.7   | 33.7   | 11.2   | 7.5    | 7.5    | 7.5    | 7.5    | 18.7   | 18.7   | 11.2   | 22.5   |
| 107.5° | 33.7   | 33.7   | 11.2   | 11.2   | 7.5    | 7.5    | 3.7    | 7.5    | 11.2   | 11.2   | 22.5   |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 15° | 25°  | 35° | 45° | 55° | 65° | 67.5° | 75°  | 85°  |
|--------|------|------|-----|------|-----|-----|-----|-----|-------|------|------|
| 112.5° | 18.7 | 18.7 | 7.5 | 11.2 | 7.5 | 3.7 | 3.7 | 3.7 | 7.5   | 15.0 | 37.4 |
| 115°   | 7.5  | 7.5  | 3.7 | 7.5  | 3.7 | 3.7 | 3.7 | 7.5 | 7.5   | 11.2 | 29.9 |
| 117.5° | 3.7  | 3.7  | 3.7 | 3.7  | 3.7 | 3.7 | 3.7 | 7.5 | 3.7   | 11.2 | 26.2 |
| 120°   | 3.7  | 3.7  | 0.0 | 3.7  | 3.7 | 3.7 | 3.7 | 3.7 | 3.7   | 15.0 | 26.2 |
| 122.5° | 3.7  | 3.7  | 3.7 | 3.7  | 3.7 | 0.0 | 3.7 | 3.7 | 3.7   | 15.0 | 26.2 |
| 125°   | 3.7  | 3.7  | 3.7 | 3.7  | 3.7 | 0.0 | 3.7 | 3.7 | 3.7   | 11.2 | 22.5 |
| 127.5° | 3.7  | 3.7  | 3.7 | 3.7  | 3.7 | 0.0 | 3.7 | 3.7 | 3.7   | 7.5  | 22.5 |
| 130°   | 3.7  | 3.7  | 3.7 | 3.7  | 3.7 | 0.0 | 3.7 | 3.7 | 3.7   | 7.5  | 15.0 |
| 132.5° | 3.7  | 3.7  | 3.7 | 3.7  | 3.7 | 0.0 | 3.7 | 3.7 | 3.7   | 7.5  | 11.2 |
| 135°   | 3.7  | 3.7  | 3.7 | 3.7  | 3.7 | 0.0 | 3.7 | 3.7 | 3.7   | 3.7  | 7.5  |
| 137.5° | 3.7  | 3.7  | 3.7 | 3.7  | 3.7 | 0.0 | 3.7 | 3.7 | 3.7   | 3.7  | 3.7  |
| 140°   | 0.0  | 0.0  | 0.0 | 3.7  | 3.7 | 3.7 | 3.7 | 3.7 | 3.7   | 3.7  | 3.7  |
| 142.5° | 0.0  | 0.0  | 0.0 | 3.7  | 3.7 | 3.7 | 3.7 | 3.7 | 3.7   | 3.7  | 3.7  |
| 145°   | 0.0  | 0.0  | 0.0 | 3.7  | 3.7 | 3.7 | 3.7 | 3.7 | 3.7   | 3.7  | 3.7  |
| 147.5° | 0.0  | 0.0  | 0.0 | 3.7  | 3.7 | 3.7 | 3.7 | 3.7 | 3.7   | 3.7  | 3.7  |
| 150°   | 3.7  | 3.7  | 7.5 | 7.5  | 3.7 | 0.0 | 7.5 | 3.7 | 3.7   | 3.7  | 3.7  |
| 152.5° | 7.5  | 7.5  | 7.5 | 7.5  | 3.7 | 0.0 | 3.7 | 7.5 | 3.7   | 3.7  | 3.7  |
| 155°   | 7.5  | 7.5  | 3.7 | 3.7  | 3.7 | 0.0 | 3.7 | 3.7 | 3.7   | 7.5  | 11.2 |
| 157.5° | 0.0  | 0.0  | 0.0 | 0.0  | 3.7 | 0.0 | 3.7 | 3.7 | 0.0   | 0.0  | 3.7  |
| 160°   | 0.0  | 0.0  | 0.0 | 0.0  | 3.7 | 0.0 | 3.7 | 3.7 | 0.0   | 0.0  | 0.0  |
| 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°     | 1081.9 | 1081.9 | 1081.9 | 1081.9 | 1081.9 | 1081.9 | 1081.9 | 1081.9 | 1081.9 | 1081.9 | 1081.9 |
| 2.5°   | 1070.7 | 1070.7 | 1067.0 | 1067.0 | 1055.7 | 1052.0 | 1003.3 | 950.9  | 909.7  | 913.5  | 913.5  |
| 5°     | 1059.5 | 1052.0 | 1040.7 | 965.9  | 872.3  | 857.3  | 857.3  | 849.8  | 846.1  | 849.8  | 849.8  |
| 7.5°   | 924.7  | 917.2  | 872.3  | 834.8  | 838.6  | 831.1  | 816.1  | 812.4  | 748.7  | 685.1  | 681.4  |
| 10°    | 797.4  | 786.2  | 666.4  | 640.2  | 636.4  | 662.6  | 726.3  | 703.8  | 681.4  | 655.1  | 666.4  |
| 12.5°  | 666.4  | 662.6  | 554.1  | 614.0  | 535.3  | 550.3  | 565.3  | 542.8  | 464.2  | 374.4  | 385.6  |
| 15°    | 771.2  | 760.0  | 628.9  | 509.1  | 456.7  | 460.5  | 303.2  | 292.0  | 235.9  | 213.4  | 202.2  |
| 17.5°  | 572.8  | 628.9  | 550.3  | 509.1  | 460.5  | 239.6  | 194.7  | 149.7  | 134.8  | 108.6  | 112.3  |
| 20°    | 767.5  | 752.5  | 628.9  | 475.4  | 355.7  | 202.2  | 108.6  | 86.1   | 104.8  | 108.6  | 108.6  |
| 22.5°  | 542.8  | 527.9  | 531.6  | 505.4  | 250.8  | 116.1  | 82.4   | 86.1   | 78.6   | 74.9   | 74.9   |
| 25°    | 797.4  | 771.2  | 643.9  | 385.6  | 187.2  | 74.9   | 78.6   | 59.9   | 71.1   | 71.1   | 71.1   |
| 27.5°  | 969.6  | 879.8  | 677.6  | 374.4  | 104.8  | 74.9   | 56.2   | 59.9   | 48.7   | 48.7   | 48.7   |
| 30°    | 1160.5 | 1108.1 | 887.3  | 348.2  | 82.4   | 59.9   | 52.4   | 41.2   | 44.9   | 44.9   | 44.9   |
| 32.5°  | 1246.6 | 1175.5 | 887.3  | 277.0  | 71.1   | 56.2   | 41.2   | 37.4   | 37.4   | 41.2   | 41.2   |
| 35°    | 1370.2 | 1295.3 | 883.5  | 183.4  | 59.9   | 44.9   | 33.7   | 33.7   | 33.7   | 33.7   | 33.7   |
| 37.5°  | 1557.4 | 1448.8 | 898.5  | 116.1  | 48.7   | 37.4   | 26.2   | 29.9   | 29.9   | 63.6   | 63.6   |
| 40°    | 1767.0 | 1643.5 | 857.3  | 82.4   | 41.2   | 29.9   | 22.5   | 37.4   | 52.4   | 56.2   | 56.2   |
| 42.5°  | 2032.8 | 1898.1 | 797.4  | 71.1   | 37.4   | 22.5   | 18.7   | 29.9   | 44.9   | 71.1   | 71.1   |
| 45°    | 2351.0 | 2148.9 | 715.0  | 63.6   | 29.9   | 18.7   | 18.7   | 37.4   | 56.2   | 67.4   | 67.4   |
| 47.5°  | 2635.6 | 2392.2 | 572.8  | 59.9   | 26.2   | 15.0   | 26.2   | 41.2   | 48.7   | 78.6   | 78.6   |
| 50°    | 2968.7 | 2646.8 | 438.0  | 52.4   | 22.5   | 15.0   | 41.2   | 44.9   | 56.2   | 71.1   | 71.1   |
| 52.5°  | 3215.8 | 2860.2 | 333.2  | 48.7   | 22.5   | 11.2   | 41.2   | 41.2   | 63.6   | 82.4   | 82.4   |
| 55°    | 3414.2 | 2976.2 | 239.6  | 41.2   | 18.7   | 11.2   | 48.7   | 52.4   | 56.2   | 63.6   | 63.6   |
| 57.5°  | 3567.7 | 3058.6 | 187.2  | 37.4   | 18.7   | 26.2   | 59.9   | 67.4   | 59.9   | 63.6   | 63.6   |
| 60°    | 3743.7 | 3099.8 | 138.5  | 33.7   | 15.0   | 26.2   | 71.1   | 89.8   | 67.4   | 97.3   | 93.6   |
| 62.5°  | 3904.7 | 3129.7 | 112.3  | 33.7   | 15.0   | 29.9   | 78.6   | 112.3  | 89.8   | 131.0  | 134.8  |
| 65°    | 4106.8 | 3167.2 | 93.6   | 26.2   | 15.0   | 41.2   | 93.6   | 149.7  | 119.8  | 172.2  | 179.7  |
| 67.5°  | 4241.6 | 3189.6 | 78.6   | 26.2   | 15.0   | 48.7   | 131.0  | 194.7  | 149.7  | 217.1  | 224.6  |
| 70°    | 4256.6 | 3107.3 | 63.6   | 26.2   | 15.0   | 74.9   | 179.7  | 235.9  | 187.2  | 277.0  | 280.8  |
| 72.5°  | 4061.9 | 2871.4 | 52.4   | 29.9   | 15.0   | 82.4   | 209.6  | 273.3  | 220.9  | 366.9  | 370.6  |
| 75°    | 3283.2 | 2014.1 | 48.7   | 29.9   | 15.0   | 104.8  | 228.4  | 299.5  | 247.1  | 381.9  | 389.3  |
| 77.5°  | 2017.9 | 932.2  | 44.9   | 33.7   | 22.5   | 116.1  | 232.1  | 318.2  | 258.3  | 381.9  | 393.1  |
| 80°    | 782.4  | 460.5  | 41.2   | 37.4   | 52.4   | 131.0  | 250.8  | 322.0  | 258.3  | 355.7  | 370.6  |
| 82.5°  | 363.1  | 269.5  | 41.2   | 41.2   | 67.4   | 134.8  | 247.1  | 299.5  | 239.6  | 318.2  | 314.5  |
| 85°    | 325.7  | 265.8  | 44.9   | 44.9   | 71.1   | 116.1  | 194.7  | 254.6  | 205.9  | 250.8  | 250.8  |
| 87.5°  | 318.2  | 262.1  | 48.7   | 56.2   | 71.1   | 67.4   | 149.7  | 217.1  | 176.0  | 187.2  | 187.2  |
| 90°    | 325.7  | 273.3  | 52.4   | 63.6   | 59.9   | 37.4   | 119.8  | 179.7  | 134.8  | 119.8  | 116.1  |
| 92.5°  | 348.2  | 277.0  | 63.6   | 74.9   | 56.2   | 29.9   | 101.1  | 146.0  | 97.3   | 78.6   | 74.9   |
| 95°    | 366.9  | 284.5  | 78.6   | 89.8   | 59.9   | 26.2   | 89.8   | 116.1  | 71.1   | 48.7   | 44.9   |
| 97.5°  | 307.0  | 220.9  | 89.8   | 97.3   | 59.9   | 26.2   | 78.6   | 93.6   | 56.2   | 26.2   | 26.2   |
| 100°   | 131.0  | 97.3   | 93.6   | 104.8  | 56.2   | 22.5   | 67.4   | 74.9   | 37.4   | 11.2   | 15.0   |
| 102.5° | 26.2   | 29.9   | 82.4   | 97.3   | 44.9   | 15.0   | 44.9   | 44.9   | 26.2   | 3.7    | 7.5    |
| 105°   | 26.2   | 22.5   | 52.4   | 82.4   | 26.2   | 7.5    | 18.7   | 26.2   | 11.2   | 3.7    | 3.7    |
| 107.5° | 26.2   | 26.2   | 18.7   | 41.2   | 11.2   | 7.5    | 7.5    | 11.2   | 7.5    | 3.7    | 3.7    |



REPORT NUMBER: P559857

CATALOG NUMBER: SDL-PA1-100-740-U-T2U-HSS-A

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 37.4 | 33.7 | 7.5  | 11.2 | 11.2 | 7.5  | 3.7  | 3.7  | 7.5  | 26.2 | 29.9 |
| 115°   | 33.7 | 29.9 | 11.2 | 11.2 | 7.5  | 7.5  | 3.7  | 3.7  | 7.5  | 29.9 | 33.7 |
| 117.5° | 26.2 | 26.2 | 11.2 | 7.5  | 7.5  | 7.5  | 3.7  | 3.7  | 7.5  | 29.9 | 29.9 |
| 120°   | 29.9 | 26.2 | 11.2 | 7.5  | 3.7  | 3.7  | 3.7  | 3.7  | 7.5  | 22.5 | 22.5 |
| 122.5° | 29.9 | 26.2 | 11.2 | 7.5  | 3.7  | 3.7  | 3.7  | 3.7  | 7.5  | 22.5 | 26.2 |
| 125°   | 26.2 | 22.5 | 11.2 | 7.5  | 3.7  | 3.7  | 3.7  | 3.7  | 11.2 | 22.5 | 22.5 |
| 127.5° | 22.5 | 18.7 | 7.5  | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 11.2 | 18.7 | 18.7 |
| 130°   | 15.0 | 15.0 | 7.5  | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 11.2 | 15.0 | 15.0 |
| 132.5° | 11.2 | 11.2 | 7.5  | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 7.5  | 15.0 | 15.0 |
| 135°   | 11.2 | 7.5  | 7.5  | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 7.5  | 11.2 | 11.2 |
| 137.5° | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 7.5  | 7.5  |
| 140°   | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 0.0  | 0.0  | 0.0  | 3.7  | 3.7  |
| 142.5° | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 0.0  | 0.0  | 0.0  | 3.7  | 3.7  |
| 145°   | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 0.0  | 0.0  | 0.0  | 3.7  | 3.7  |
| 147.5° | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 0.0  | 0.0  | 0.0  | 3.7  | 3.7  |
| 150°   | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 0.0  | 0.0  | 0.0  | 0.0  | 3.7  | 3.7  |
| 152.5° | 3.7  | 3.7  | 7.5  | 3.7  | 3.7  | 0.0  | 0.0  | 0.0  | 0.0  | 3.7  | 3.7  |
| 155°   | 11.2 | 11.2 | 11.2 | 3.7  | 3.7  | 0.0  | 0.0  | 0.0  | 0.0  | 3.7  | 3.7  |
| 157.5° | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 0.0  | 3.7  | 3.7  | 3.7  | 3.7  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 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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|      |      |      |      |      |     |     |     |     |     |      |      |
|------|------|------|------|------|-----|-----|-----|-----|-----|------|------|
| 110° | 26.2 | 26.2 | 11.2 | 11.2 | 7.5 | 3.7 | 3.7 | 3.7 | 7.5 | 11.2 | 26.2 |
|------|------|------|------|------|-----|-----|-----|-----|-----|------|------|





|      |  |      |      |     |      |     |     |     |     |     |      |      |
|------|--|------|------|-----|------|-----|-----|-----|-----|-----|------|------|
| 110° |  | 29.9 | 26.2 | 7.5 | 11.2 | 7.5 | 7.5 | 7.5 | 7.5 | 3.7 | 18.7 | 22.5 |
|------|--|------|------|-----|------|-----|-----|-----|-----|-----|------|------|



(END OF REPORT)