

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: P561093

Luminaire Tested: **SDL-PA1-80-740-U-T3-HSS-A**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P561093  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: SDL-PA1-80-740-U-T3-HSS-A  
Description: Springdale  
(1) 70 CRI, 4000K, 1050mA LIGHT ENGINE WITH 24 LEDS AND TYPE III OPTICS,  
HOUSE SIDE SHIELD AND CLEAR PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6508 lumens  
Efficiency: N/A  
Efficacy: 79.4 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 - U3 - G2

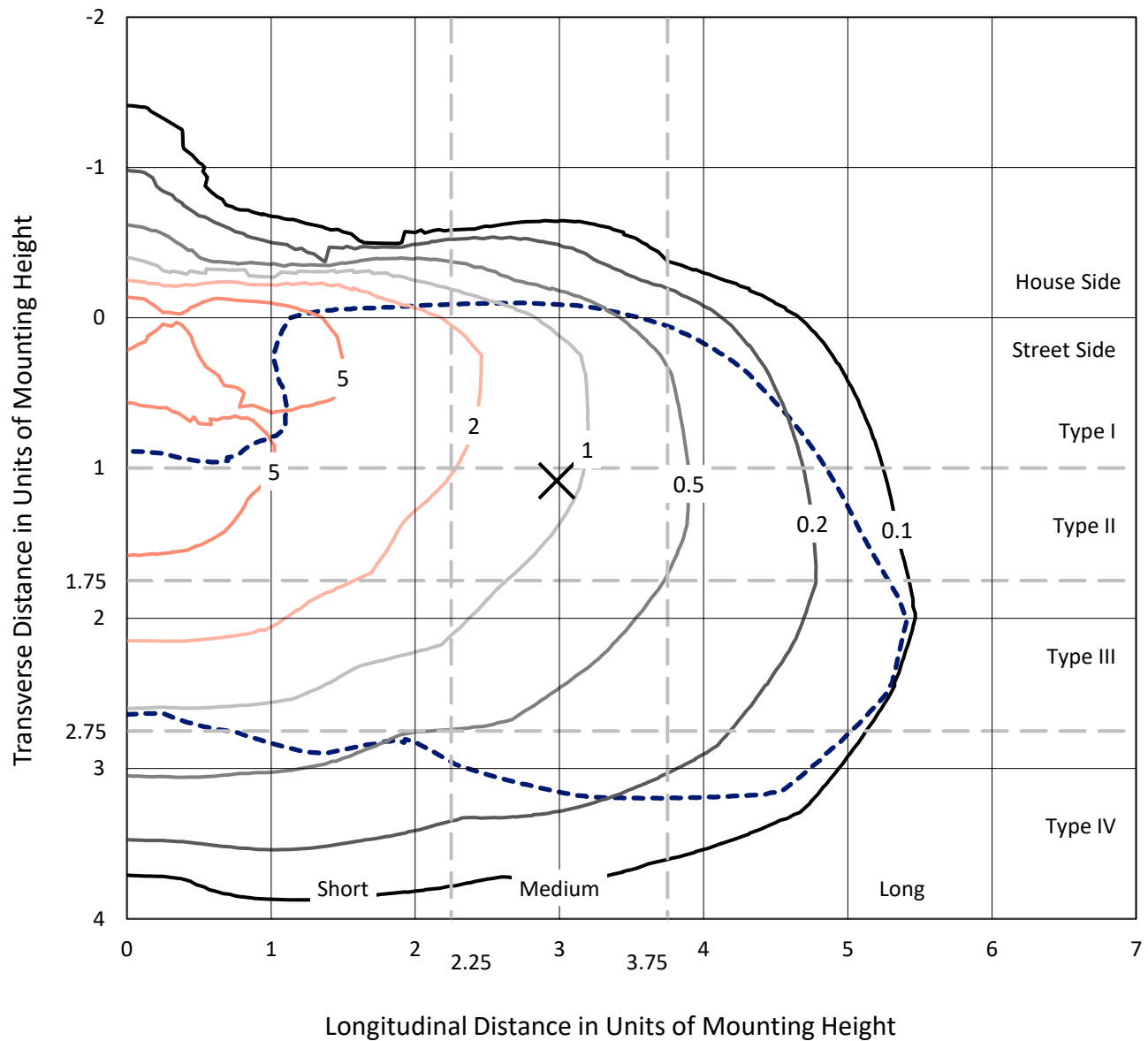
Input Watts (W): 82  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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## Iso-Footcandle Lines of Horizontal Illumination

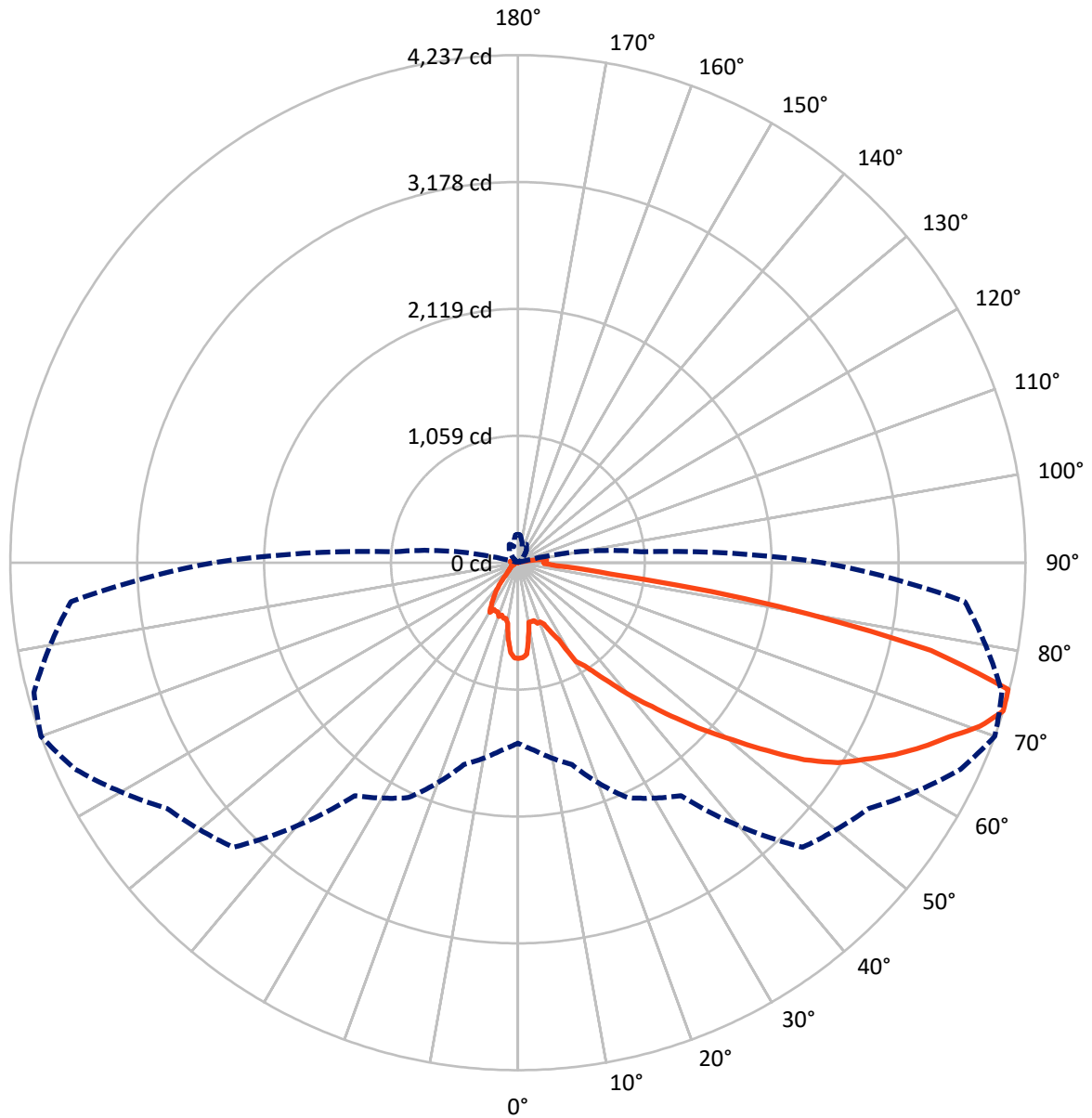
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 9.2 fc  
 Type IV - Medium - N/A

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## Luminous Intensity Polar Plot



— Vertical Plane Through 70-Deg Lateral    - - - Horizontal Cone Through 72.5-Deg Vertical

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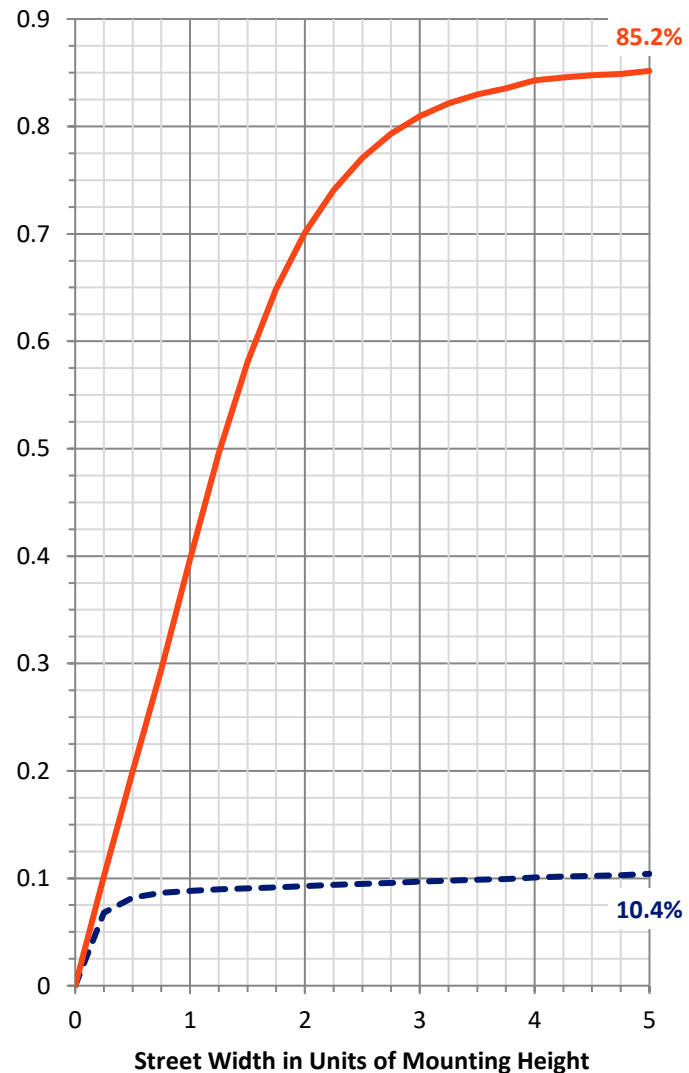
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 746.0    | 105.0  | 851.0  |
|                    | % Fixture | 11.5     | 1.6    | 13.1   |
| <b>Street Side</b> | Lumens    | 5572.1   | 84.9   | 5657.0 |
|                    | % Fixture | 85.6     | 1.3    | 86.9   |
| <b>Total</b>       | Lumens    | 6318.1   | 189.9  | 6508.0 |
|                    | % Fixture | 97.1     | 2.9    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 61.7   | 0.9       |
| 10°-20°   | 121.9  | 1.9       |
| 20°-30°   | 197.4  | 3.0       |
| 30°-40°   | 421.8  | 6.5       |
| 40°-50°   | 829.3  | 12.7      |
| 50°-60°   | 1384.8 | 21.3      |
| 60°-70°   | 1718.7 | 26.4      |
| 70°-80°   | 1323.7 | 20.3      |
| 80°-90°   | 258.8  | 4.0       |
| 90°-100°  | 140.4  | 2.2       |
| 100°-110° | 29.1   | 0.4       |
| 110°-120° | 8.3    | 0.1       |
| 120°-130° | 6.4    | 0.1       |
| 130°-140° | 3.0    | 0.0       |
| 140°-150° | 1.4    | 0.0       |
| 150°-160° | 1.3    | 0.0       |
| 160°-170° | 0.1    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 6318.1 | 97.1      |
| 0°-180°   | 6508.0 | 100.0     |



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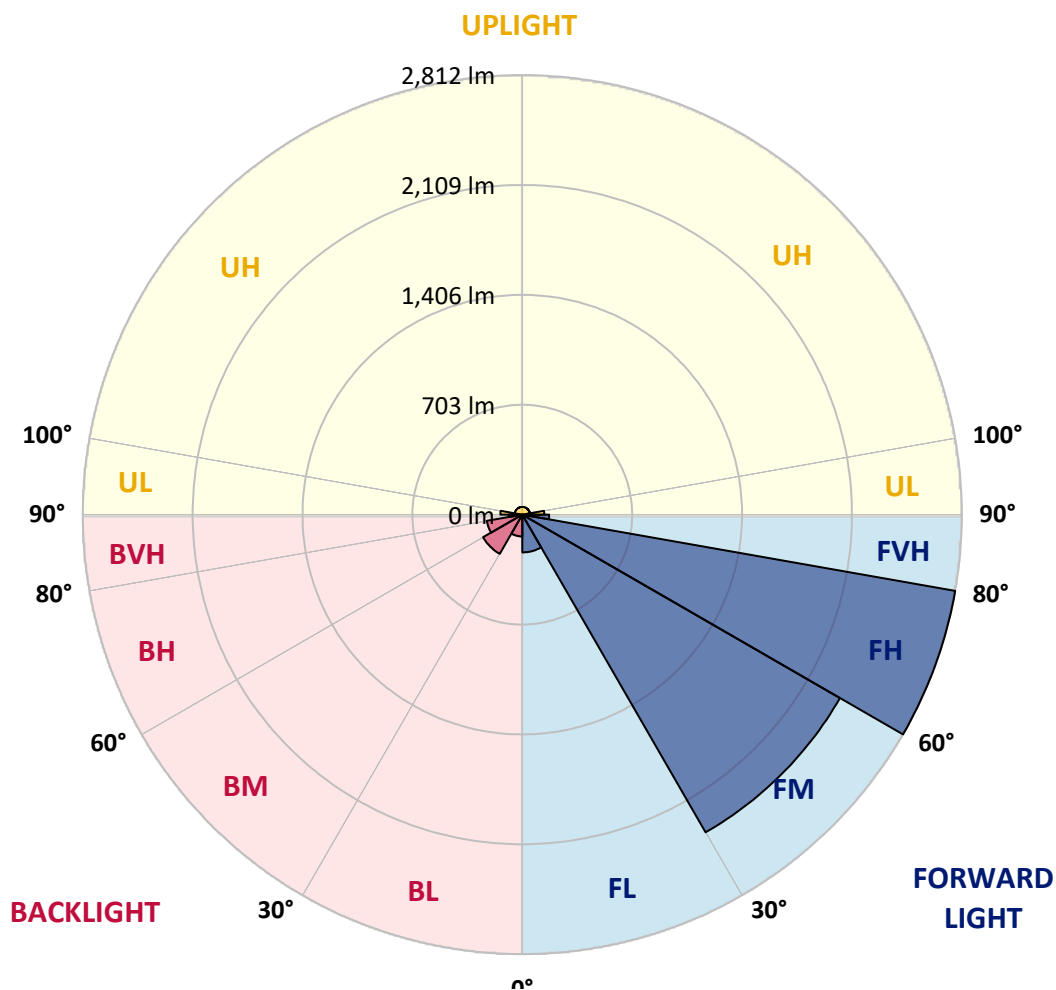
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 241.4  | 3.7       |                         |        |         |
| FM   | (30°-60°)   | 2346.6 | 36.1      |                         |        |         |
| FH   | (60°-80°)   | 2811.8 | 43.2      |                         |        | G2/5000 |
| FVH  | (80°-90°)   | 172.2  | 2.6       |                         |        | G2/225  |
| BL   | (0°-30°)    | 139.6  | 2.1       | B1/500                  |        |         |
| BM   | (30°-60°)   | 289.3  | 4.4       | B1/1000                 |        |         |
| BH   | (60°-80°)   | 230.5  | 3.5       | B1/500                  |        | G1/500  |
| BVH  | (80°-90°)   | 86.6   | 1.3       |                         |        | G1/100  |
| UL   | (90°-100°)  | 140.4  | 2.2       |                         | U3/500 |         |
| UH   | (100°-180°) | 49.5   | 0.8       |                         | U2/50  |         |

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

Type IV Medium





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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 70°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 799.4  | 799.4  | 799.4  | 799.4  | 799.4  | 799.4  | 799.4  | 799.4  | 799.4  | 799.4  | 799.4  |
| 2.5°   | 674.1  | 748.6  | 752.0  | 758.7  | 765.5  | 775.7  | 792.6  | 792.6  | 792.6  | 792.6  | 796.0  |
| 5°     | 640.2  | 640.2  | 640.2  | 647.0  | 647.0  | 653.7  | 657.1  | 758.7  | 768.9  | 779.1  | 779.1  |
| 7.5°   | 531.8  | 582.6  | 586.0  | 606.3  | 630.0  | 640.2  | 647.0  | 640.2  | 630.0  | 670.7  | 687.6  |
| 10°    | 582.6  | 582.6  | 582.6  | 589.4  | 555.5  | 538.6  | 497.9  | 501.3  | 504.7  | 535.2  | 609.7  |
| 12.5°  | 484.4  | 514.9  | 545.3  | 579.2  | 535.2  | 481.0  | 470.8  | 497.9  | 504.7  | 450.5  | 535.2  |
| 15°    | 565.7  | 562.3  | 562.3  | 531.8  | 443.7  | 481.0  | 420.0  | 443.7  | 501.3  | 548.7  | 636.8  |
| 17.5°  | 467.4  | 453.9  | 528.4  | 521.6  | 474.2  | 379.4  | 484.4  | 481.0  | 531.8  | 491.1  | 548.7  |
| 20°    | 555.5  | 552.1  | 552.1  | 426.8  | 470.8  | 511.5  | 504.7  | 470.8  | 528.4  | 589.4  | 694.4  |
| 22.5°  | 467.4  | 460.7  | 474.2  | 511.5  | 467.4  | 528.4  | 460.7  | 582.6  | 555.5  | 538.6  | 504.7  |
| 25°    | 589.4  | 586.0  | 586.0  | 467.4  | 528.4  | 484.4  | 582.6  | 531.8  | 643.6  | 701.1  | 765.5  |
| 27.5°  | 528.4  | 528.4  | 504.7  | 542.0  | 504.7  | 609.7  | 558.9  | 670.7  | 728.2  | 765.5  | 924.7  |
| 30°    | 731.6  | 735.0  | 694.4  | 538.6  | 562.3  | 572.4  | 660.5  | 829.9  | 955.2  | 1046.6 | 1144.9 |
| 32.5°  | 1053.4 | 1033.1 | 863.7  | 735.0  | 596.1  | 707.9  | 731.6  | 965.4  | 1026.3 | 1124.5 | 1209.2 |
| 35°    | 1432.8 | 1422.6 | 1273.6 | 951.8  | 718.1  | 758.7  | 816.3  | 1050.0 | 1144.9 | 1243.1 | 1293.9 |
| 37.5°  | 1693.6 | 1683.4 | 1588.6 | 1212.6 | 867.1  | 884.1  | 890.8  | 1168.6 | 1290.5 | 1388.8 | 1412.5 |
| 40°    | 1907.0 | 1890.1 | 1832.5 | 1415.8 | 1067.0 | 1033.1 | 999.2  | 1331.2 | 1470.0 | 1551.3 | 1561.5 |
| 42.5°  | 2228.8 | 2201.7 | 2056.0 | 1649.6 | 1270.2 | 1232.9 | 1117.8 | 1473.4 | 1639.4 | 1747.8 | 1754.6 |
| 45°    | 2614.9 | 2591.2 | 2388.0 | 1974.7 | 1487.0 | 1476.8 | 1327.8 | 1656.3 | 1852.8 | 1981.5 | 1944.3 |
| 47.5°  | 2879.1 | 2814.8 | 2699.6 | 2286.4 | 1822.3 | 1734.2 | 1561.5 | 1842.6 | 2083.1 | 2276.2 | 2171.2 |
| 50°    | 3119.6 | 3072.2 | 2974.0 | 2631.9 | 2184.7 | 2066.2 | 1805.4 | 2056.0 | 2327.0 | 2503.1 | 2360.9 |
| 52.5°  | 3343.2 | 3272.0 | 3190.7 | 2889.3 | 2496.4 | 2438.8 | 2045.9 | 2269.4 | 2608.1 | 2753.8 | 2557.3 |
| 55°    | 3454.9 | 3343.2 | 3329.6 | 3123.0 | 2736.9 | 2689.4 | 2316.8 | 2533.6 | 2902.8 | 3004.4 | 2743.6 |
| 57.5°  | 3272.0 | 3268.6 | 3373.6 | 3265.3 | 2933.3 | 2909.6 | 2591.2 | 2818.1 | 3150.1 | 3197.5 | 2926.5 |
| 60°    | 3150.1 | 3153.5 | 3312.7 | 3319.5 | 3106.1 | 3119.6 | 2838.5 | 3146.7 | 3333.0 | 3363.5 | 3099.3 |
| 62.5°  | 2936.7 | 2960.4 | 3200.9 | 3356.7 | 3150.1 | 3319.5 | 3048.5 | 3373.6 | 3529.5 | 3539.6 | 3312.7 |
| 65°    | 2669.1 | 2692.8 | 2936.7 | 3255.1 | 3102.7 | 3451.6 | 3224.6 | 3627.7 | 3709.0 | 3715.8 | 3546.4 |
| 67.5°  | 2357.5 | 2367.7 | 2638.6 | 2990.9 | 2987.5 | 3499.0 | 3333.0 | 3797.0 | 3881.7 | 3902.1 | 3746.2 |
| 70°    | 2012.0 | 1998.4 | 2245.7 | 2652.2 | 2740.2 | 3475.3 | 3465.1 | 3963.0 | 4091.7 | 4088.3 | 3885.1 |
| 72.5°  | 1507.3 | 1571.7 | 1744.4 | 2164.4 | 2374.4 | 3360.1 | 3576.9 | 4078.2 | 4237.4 | 4183.2 | 3746.2 |
| 75°    | 514.9  | 548.7  | 1016.2 | 1378.6 | 1829.1 | 3051.9 | 3600.6 | 4085.0 | 4227.2 | 3986.7 | 3065.4 |
| 77.5°  | 169.4  | 159.2  | 226.9  | 548.7  | 1016.2 | 2113.6 | 3167.0 | 3563.3 | 3526.1 | 3099.3 | 1883.3 |
| 80°    | 81.3   | 84.7   | 101.6  | 193.1  | 372.6  | 958.6  | 1988.3 | 2255.9 | 2205.1 | 1625.9 | 816.3  |
| 82.5°  | 54.2   | 57.6   | 67.7   | 111.8  | 210.0  | 328.6  | 1056.8 | 1029.7 | 779.1  | 511.5  | 335.3  |
| 85°    | 23.7   | 23.7   | 33.9   | 57.6   | 128.7  | 216.8  | 403.1  | 352.3  | 318.4  | 294.7  | 274.4  |
| 87.5°  | 6.8    | 6.8    | 13.5   | 20.3   | 44.0   | 135.5  | 226.9  | 213.4  | 220.2  | 230.3  | 260.8  |
| 90°    | 6.8    | 6.8    | 6.8    | 6.8    | 33.9   | 142.3  | 230.3  | 216.8  | 216.8  | 230.3  | 274.4  |
| 92.5°  | 10.2   | 10.2   | 6.8    | 6.8    | 30.5   | 142.3  | 240.5  | 206.6  | 220.2  | 233.7  | 294.7  |
| 95°    | 10.2   | 13.5   | 6.8    | 3.4    | 23.7   | 145.6  | 247.3  | 220.2  | 240.5  | 237.1  | 315.0  |
| 97.5°  | 13.5   | 13.5   | 6.8    | 3.4    | 13.5   | 125.3  | 250.7  | 179.5  | 182.9  | 169.4  | 247.3  |
| 100°   | 16.9   | 16.9   | 6.8    | 6.8    | 10.2   | 64.4   | 186.3  | 115.2  | 71.1   | 54.2   | 81.3   |
| 102.5° | 20.3   | 20.3   | 6.8    | 6.8    | 6.8    | 23.7   | 84.7   | 67.7   | 37.3   | 10.2   | 20.3   |
| 105°   | 20.3   | 23.7   | 6.8    | 6.8    | 3.4    | 10.2   | 37.3   | 27.1   | 13.5   | 10.2   | 20.3   |
| 107.5° | 23.7   | 23.7   | 6.8    | 6.8    | 3.4    | 6.8    | 10.2   | 10.2   | 6.8    | 10.2   | 20.3   |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 15° | 25°  | 35° | 45° | 55° | 65° | 70° | 75°  | 85°  |
|--------|------|------|-----|------|-----|-----|-----|-----|-----|------|------|
| 112.5° | 16.9 | 16.9 | 6.8 | 10.2 | 3.4 | 3.4 | 3.4 | 6.8 | 6.8 | 10.2 | 20.3 |
| 115°   | 10.2 | 6.8  | 3.4 | 6.8  | 3.4 | 3.4 | 3.4 | 6.8 | 6.8 | 6.8  | 16.9 |
| 117.5° | 3.4  | 3.4  | 3.4 | 3.4  | 3.4 | 3.4 | 3.4 | 6.8 | 6.8 | 10.2 | 20.3 |
| 120°   | 3.4  | 3.4  | 3.4 | 3.4  | 3.4 | 3.4 | 3.4 | 6.8 | 6.8 | 13.5 | 23.7 |
| 122.5° | 3.4  | 3.4  | 3.4 | 3.4  | 3.4 | 3.4 | 3.4 | 3.4 | 6.8 | 13.5 | 27.1 |
| 125°   | 3.4  | 3.4  | 3.4 | 3.4  | 3.4 | 3.4 | 3.4 | 3.4 | 6.8 | 10.2 | 23.7 |
| 127.5° | 3.4  | 3.4  | 3.4 | 0.0  | 3.4 | 3.4 | 3.4 | 3.4 | 6.8 | 10.2 | 20.3 |
| 130°   | 3.4  | 3.4  | 3.4 | 0.0  | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 6.8  | 13.5 |
| 132.5° | 3.4  | 3.4  | 3.4 | 0.0  | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 6.8  | 13.5 |
| 135°   | 3.4  | 3.4  | 3.4 | 0.0  | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4  | 6.8  |
| 137.5° | 3.4  | 3.4  | 0.0 | 0.0  | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4  | 3.4  |
| 140°   | 0.0  | 0.0  | 0.0 | 0.0  | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4  | 3.4  |
| 142.5° | 0.0  | 0.0  | 0.0 | 0.0  | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4  | 3.4  |
| 145°   | 0.0  | 0.0  | 0.0 | 0.0  | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4  | 3.4  |
| 147.5° | 0.0  | 0.0  | 0.0 | 3.4  | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4  | 3.4  |
| 150°   | 6.8  | 6.8  | 6.8 | 3.4  | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4  | 3.4  |
| 152.5° | 6.8  | 6.8  | 6.8 | 3.4  | 3.4 | 3.4 | 3.4 | 6.8 | 6.8 | 3.4  | 3.4  |
| 155°   | 3.4  | 3.4  | 3.4 | 0.0  | 0.0 | 3.4 | 3.4 | 3.4 | 3.4 | 6.8  | 6.8  |
| 157.5° | 0.0  | 3.4  | 3.4 | 0.0  | 0.0 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4  | 3.4  |
| 160°   | 0.0  | 0.0  | 0.0 | 0.0  | 0.0 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4  | 3.4  |
| 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°     | 799.4  | 799.4  | 799.4 | 799.4 | 799.4 | 799.4 | 799.4 | 799.4 | 799.4 | 799.4 | 799.4 |
| 2.5°   | 796.0  | 796.0  | 792.6 | 799.4 | 796.0 | 796.0 | 752.0 | 707.9 | 697.8 | 701.1 | 707.9 |
| 5°     | 782.4  | 782.4  | 782.4 | 728.2 | 667.3 | 647.0 | 653.7 | 653.7 | 653.7 | 650.3 | 657.1 |
| 7.5°   | 691.0  | 687.6  | 677.4 | 616.5 | 643.6 | 640.2 | 636.8 | 630.0 | 548.7 | 528.4 | 528.4 |
| 10°    | 613.1  | 613.1  | 525.0 | 501.3 | 501.3 | 521.6 | 535.2 | 514.9 | 504.7 | 487.8 | 484.4 |
| 12.5°  | 538.6  | 538.6  | 450.5 | 501.3 | 423.4 | 420.0 | 409.9 | 376.0 | 318.4 | 277.8 | 281.1 |
| 15°    | 640.2  | 640.2  | 531.8 | 426.8 | 355.7 | 335.3 | 210.0 | 196.5 | 189.7 | 186.3 | 182.9 |
| 17.5°  | 545.3  | 548.7  | 491.1 | 423.4 | 331.9 | 176.1 | 149.0 | 149.0 | 149.0 | 142.3 | 128.7 |
| 20°    | 691.0  | 691.0  | 572.4 | 379.4 | 250.7 | 138.9 | 115.2 | 101.6 | 138.9 | 138.9 | 138.9 |
| 22.5°  | 501.3  | 494.5  | 504.7 | 386.1 | 155.8 | 111.8 | 94.8  | 118.6 | 125.3 | 105.0 | 105.0 |
| 25°    | 758.7  | 748.6  | 613.1 | 277.8 | 128.7 | 88.1  | 105.0 | 91.5  | 118.6 | 118.6 | 118.6 |
| 27.5°  | 934.9  | 867.1  | 623.2 | 254.0 | 94.8  | 101.6 | 84.7  | 101.6 | 91.5  | 88.1  | 88.1  |
| 30°    | 1124.5 | 1094.1 | 752.0 | 199.8 | 91.5  | 84.7  | 88.1  | 81.3  | 94.8  | 88.1  | 88.1  |
| 32.5°  | 1185.5 | 1155.0 | 680.8 | 155.8 | 88.1  | 81.3  | 74.5  | 77.9  | 74.5  | 77.9  | 77.9  |
| 35°    | 1263.4 | 1232.9 | 602.9 | 118.6 | 81.3  | 71.1  | 67.7  | 67.7  | 64.4  | 61.0  | 61.0  |
| 37.5°  | 1375.2 | 1324.4 | 514.9 | 101.6 | 74.5  | 64.4  | 54.2  | 50.8  | 54.2  | 67.7  | 71.1  |
| 40°    | 1503.9 | 1419.2 | 406.5 | 91.5  | 64.4  | 54.2  | 40.6  | 47.4  | 57.6  | 57.6  | 57.6  |
| 42.5°  | 1690.2 | 1534.4 | 301.5 | 84.7  | 57.6  | 44.0  | 30.5  | 37.3  | 44.0  | 61.0  | 61.0  |
| 45°    | 1852.8 | 1602.1 | 213.4 | 77.9  | 47.4  | 33.9  | 23.7  | 37.3  | 47.4  | 54.2  | 54.2  |
| 47.5°  | 2042.5 | 1666.5 | 159.2 | 74.5  | 44.0  | 23.7  | 27.1  | 37.3  | 37.3  | 57.6  | 57.6  |
| 50°    | 2201.7 | 1680.0 | 128.7 | 67.7  | 33.9  | 16.9  | 33.9  | 33.9  | 40.6  | 50.8  | 50.8  |
| 52.5°  | 2350.7 | 1693.6 | 115.2 | 61.0  | 27.1  | 13.5  | 33.9  | 33.9  | 47.4  | 61.0  | 61.0  |
| 55°    | 2448.9 | 1653.0 | 105.0 | 54.2  | 23.7  | 10.2  | 37.3  | 37.3  | 37.3  | 47.4  | 47.4  |
| 57.5°  | 2526.8 | 1602.1 | 98.2  | 47.4  | 20.3  | 20.3  | 40.6  | 47.4  | 40.6  | 47.4  | 47.4  |
| 60°    | 2577.7 | 1510.7 | 84.7  | 44.0  | 16.9  | 20.3  | 50.8  | 61.0  | 47.4  | 71.1  | 71.1  |
| 62.5°  | 2669.1 | 1439.6 | 74.5  | 40.6  | 13.5  | 20.3  | 50.8  | 77.9  | 61.0  | 94.8  | 98.2  |
| 65°    | 2743.6 | 1375.2 | 64.4  | 30.5  | 13.5  | 27.1  | 57.6  | 98.2  | 74.5  | 118.6 | 121.9 |
| 67.5°  | 2774.1 | 1297.3 | 54.2  | 27.1  | 13.5  | 30.5  | 74.5  | 121.9 | 94.8  | 138.9 | 138.9 |
| 70°    | 2750.4 | 1216.0 | 44.0  | 27.1  | 13.5  | 47.4  | 98.2  | 142.3 | 115.2 | 169.4 | 172.7 |
| 72.5°  | 2543.8 | 1036.5 | 33.9  | 27.1  | 10.2  | 50.8  | 121.9 | 169.4 | 138.9 | 230.3 | 237.1 |
| 75°    | 1947.6 | 657.1  | 33.9  | 27.1  | 13.5  | 57.6  | 142.3 | 196.5 | 166.0 | 257.4 | 267.6 |
| 77.5°  | 1188.9 | 304.8  | 33.9  | 30.5  | 16.9  | 71.1  | 155.8 | 226.9 | 182.9 | 277.8 | 284.5 |
| 80°    | 528.4  | 189.7  | 33.9  | 33.9  | 33.9  | 88.1  | 182.9 | 250.7 | 206.6 | 294.7 | 304.8 |
| 82.5°  | 264.2  | 142.3  | 30.5  | 33.9  | 50.8  | 105.0 | 216.8 | 267.6 | 213.4 | 304.8 | 308.2 |
| 85°    | 226.9  | 128.7  | 30.5  | 37.3  | 54.2  | 121.9 | 233.7 | 271.0 | 223.6 | 301.5 | 304.8 |
| 87.5°  | 216.8  | 121.9  | 37.3  | 37.3  | 61.0  | 128.7 | 240.5 | 284.5 | 230.3 | 291.3 | 287.9 |
| 90°    | 226.9  | 118.6  | 40.6  | 44.0  | 77.9  | 132.1 | 243.9 | 277.8 | 230.3 | 274.4 | 274.4 |
| 92.5°  | 233.7  | 115.2  | 44.0  | 50.8  | 94.8  | 149.0 | 240.5 | 271.0 | 230.3 | 254.0 | 254.0 |
| 95°    | 240.5  | 115.2  | 50.8  | 57.6  | 94.8  | 162.6 | 230.3 | 247.3 | 213.4 | 226.9 | 223.6 |
| 97.5°  | 182.9  | 84.7   | 61.0  | 64.4  | 88.1  | 125.3 | 186.3 | 193.1 | 138.9 | 135.5 | 132.1 |
| 100°   | 64.4   | 37.3   | 61.0  | 71.1  | 54.2  | 54.2  | 111.8 | 135.5 | 81.3  | 50.8  | 57.6  |
| 102.5° | 20.3   | 16.9   | 54.2  | 71.1  | 44.0  | 20.3  | 57.6  | 84.7  | 61.0  | 6.8   | 6.8   |
| 105°   | 20.3   | 20.3   | 30.5  | 57.6  | 30.5  | 6.8   | 20.3  | 47.4  | 37.3  | 6.8   | 6.8   |
| 107.5° | 20.3   | 16.9   | 13.5  | 33.9  | 10.2  | 6.8   | 10.2  | 10.2  | 10.2  | 3.4   | 6.8   |



REPORT NUMBER: P561093

CATALOG NUMBER: SDL-PA1-80-740-U-T3-HSS-A

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 23.7 | 16.9 | 6.8  | 10.2 | 6.8  | 6.8  | 6.8  | 3.4  | 6.8  | 16.9 | 20.3 |
| 115°   | 20.3 | 16.9 | 6.8  | 6.8  | 6.8  | 6.8  | 3.4  | 3.4  | 6.8  | 20.3 | 20.3 |
| 117.5° | 23.7 | 20.3 | 6.8  | 6.8  | 3.4  | 6.8  | 3.4  | 3.4  | 6.8  | 20.3 | 23.7 |
| 120°   | 27.1 | 23.7 | 6.8  | 6.8  | 3.4  | 3.4  | 3.4  | 3.4  | 6.8  | 16.9 | 20.3 |
| 122.5° | 27.1 | 27.1 | 6.8  | 3.4  | 3.4  | 3.4  | 3.4  | 3.4  | 10.2 | 16.9 | 16.9 |
| 125°   | 23.7 | 23.7 | 6.8  | 3.4  | 3.4  | 3.4  | 3.4  | 3.4  | 10.2 | 16.9 | 16.9 |
| 127.5° | 20.3 | 20.3 | 6.8  | 3.4  | 3.4  | 3.4  | 3.4  | 3.4  | 6.8  | 13.5 | 16.9 |
| 130°   | 16.9 | 16.9 | 6.8  | 3.4  | 3.4  | 3.4  | 0.0  | 3.4  | 6.8  | 13.5 | 13.5 |
| 132.5° | 13.5 | 10.2 | 6.8  | 3.4  | 3.4  | 3.4  | 0.0  | 3.4  | 6.8  | 10.2 | 13.5 |
| 135°   | 10.2 | 10.2 | 3.4  | 3.4  | 3.4  | 3.4  | 0.0  | 0.0  | 6.8  | 6.8  | 10.2 |
| 137.5° | 6.8  | 3.4  | 3.4  | 3.4  | 3.4  | 0.0  | 0.0  | 0.0  | 3.4  | 6.8  | 6.8  |
| 140°   | 3.4  | 3.4  | 3.4  | 3.4  | 3.4  | 0.0  | 0.0  | 0.0  | 0.0  | 3.4  | 3.4  |
| 142.5° | 3.4  | 3.4  | 3.4  | 3.4  | 3.4  | 0.0  | 0.0  | 0.0  | 0.0  | 3.4  | 3.4  |
| 145°   | 3.4  | 3.4  | 3.4  | 3.4  | 3.4  | 0.0  | 0.0  | 0.0  | 0.0  | 3.4  | 3.4  |
| 147.5° | 3.4  | 3.4  | 3.4  | 3.4  | 3.4  | 0.0  | 0.0  | 0.0  | 0.0  | 3.4  | 3.4  |
| 150°   | 3.4  | 3.4  | 3.4  | 3.4  | 3.4  | 0.0  | 0.0  | 0.0  | 0.0  | 3.4  | 3.4  |
| 152.5° | 3.4  | 3.4  | 3.4  | 3.4  | 3.4  | 0.0  | 0.0  | 0.0  | 3.4  | 3.4  | 3.4  |
| 155°   | 6.8  | 6.8  | 6.8  | 3.4  | 3.4  | 0.0  | 0.0  | 0.0  | 0.0  | 3.4  | 3.4  |
| 157.5° | 3.4  | 3.4  | 3.4  | 3.4  | 3.4  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 3.4  | 3.4  | 3.4  | 3.4  | 3.4  | 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° |    23.7    23.7    10.2    6.8    3.4    6.8    3.4    6.8    6.8    10.2    23.7





|      |      |      |     |      |     |     |     |     |     |      |      |
|------|------|------|-----|------|-----|-----|-----|-----|-----|------|------|
| 110° | 23.7 | 16.9 | 6.8 | 10.2 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 13.5 | 13.5 |
|------|------|------|-----|------|-----|-----|-----|-----|-----|------|------|

(END OF REPORT)