

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: P561119

Luminaire Tested: **SDL-PA1-80-750-U-T4W-HSS-A**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P561119  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: SDL-PA1-80-750-U-T4W-HSS-A  
Description: Springdale  
(1) 70 CRI, 5000K, 1050mA LIGHT ENGINE WITH 24 LEDS AND TYPE IV WIDE OPTICS, HOUSE SIDE SHEILD AND CLEAR PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6328.5 lumens  
Efficiency: N/A  
Efficacy: 77.2 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 - G3

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

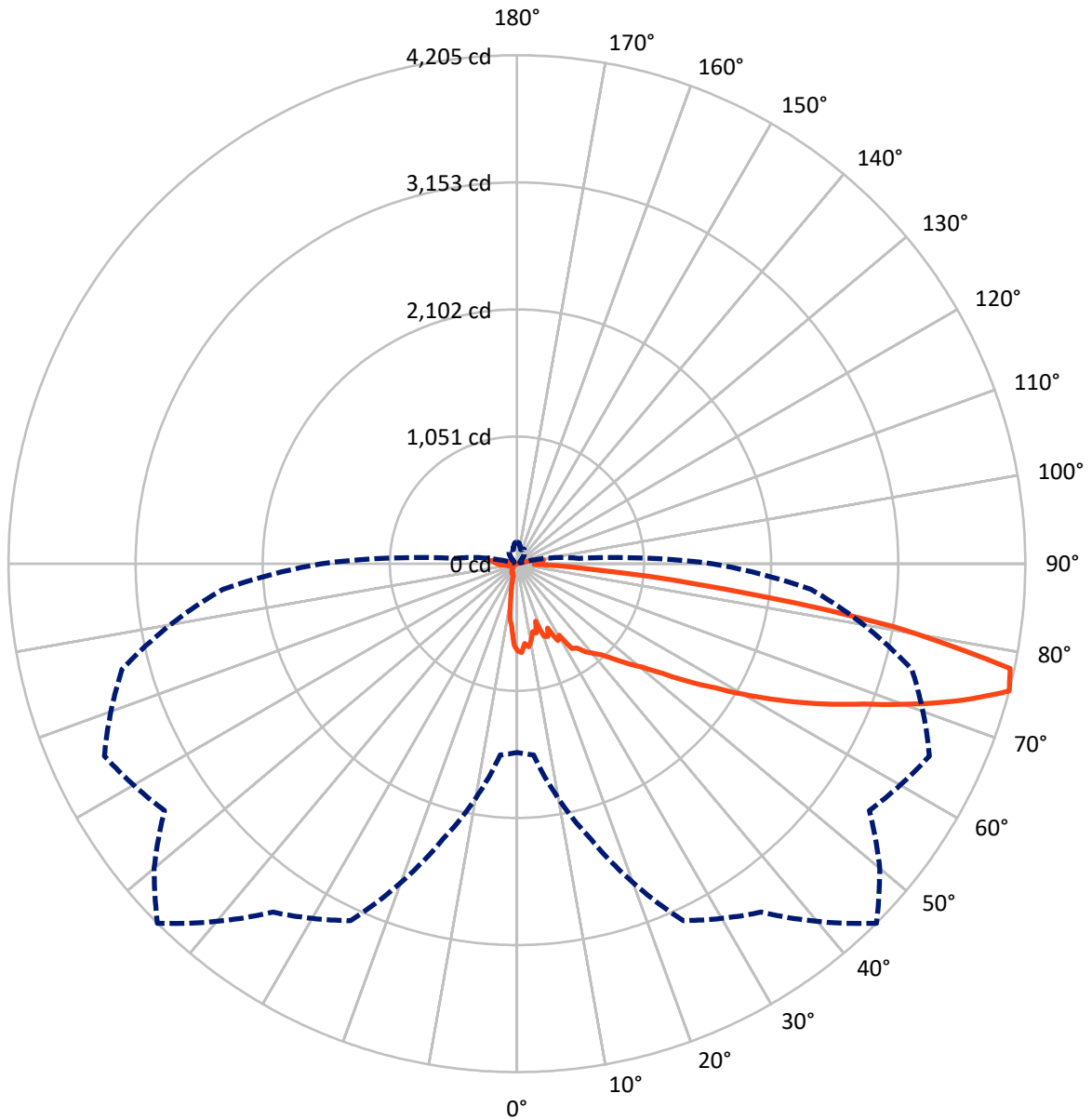




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## Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral    - - - Horizontal Cone Through 75-Deg Vertical

REPORT NUMBER: P561119

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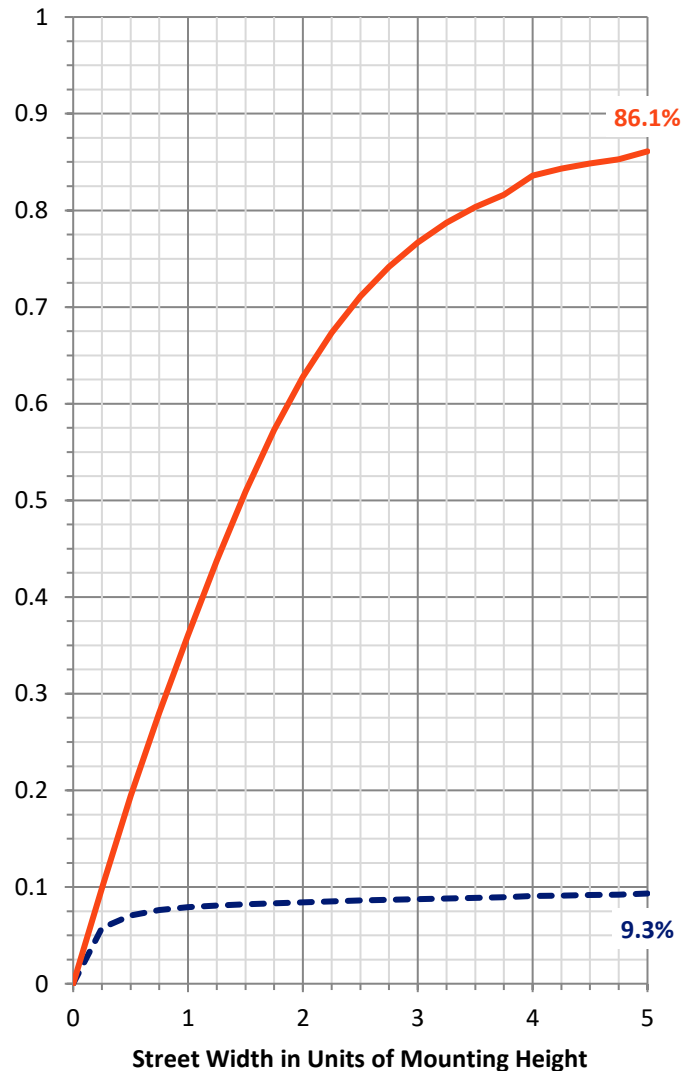
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 649.4    | 113.6  | 763.0  |
|                    | % Fixture | 10.3     | 1.8    | 12.1   |
| <b>Street Side</b> | Lumens    | 5477.7   | 87.8   | 5565.5 |
|                    | % Fixture | 86.6     | 1.4    | 87.9   |
| <b>Total</b>       | Lumens    | 6127.1   | 201.5  | 6328.5 |
|                    | % Fixture | 96.8     | 3.2    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 56.0   | 0.9       |
| 10°-20°   | 121.1  | 1.9       |
| 20°-30°   | 203.1  | 3.2       |
| 30°-40°   | 376.7  | 6.0       |
| 40°-50°   | 634.8  | 10.0      |
| 50°-60°   | 1139.4 | 18.0      |
| 60°-70°   | 1710.8 | 27.0      |
| 70°-80°   | 1565.2 | 24.7      |
| 80°-90°   | 320.0  | 5.1       |
| 90°-100°  | 153.1  | 2.4       |
| 100°-110° | 32.6   | 0.5       |
| 110°-120° | 6.2    | 0.1       |
| 120°-130° | 4.9    | 0.1       |
| 130°-140° | 2.2    | 0.0       |
| 140°-150° | 1.2    | 0.0       |
| 150°-160° | 1.1    | 0.0       |
| 160°-170° | 0.1    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 6127.1 | 96.8      |
| 0°-180°   | 6328.5 | 100.0     |



REPORT NUMBER: P561119

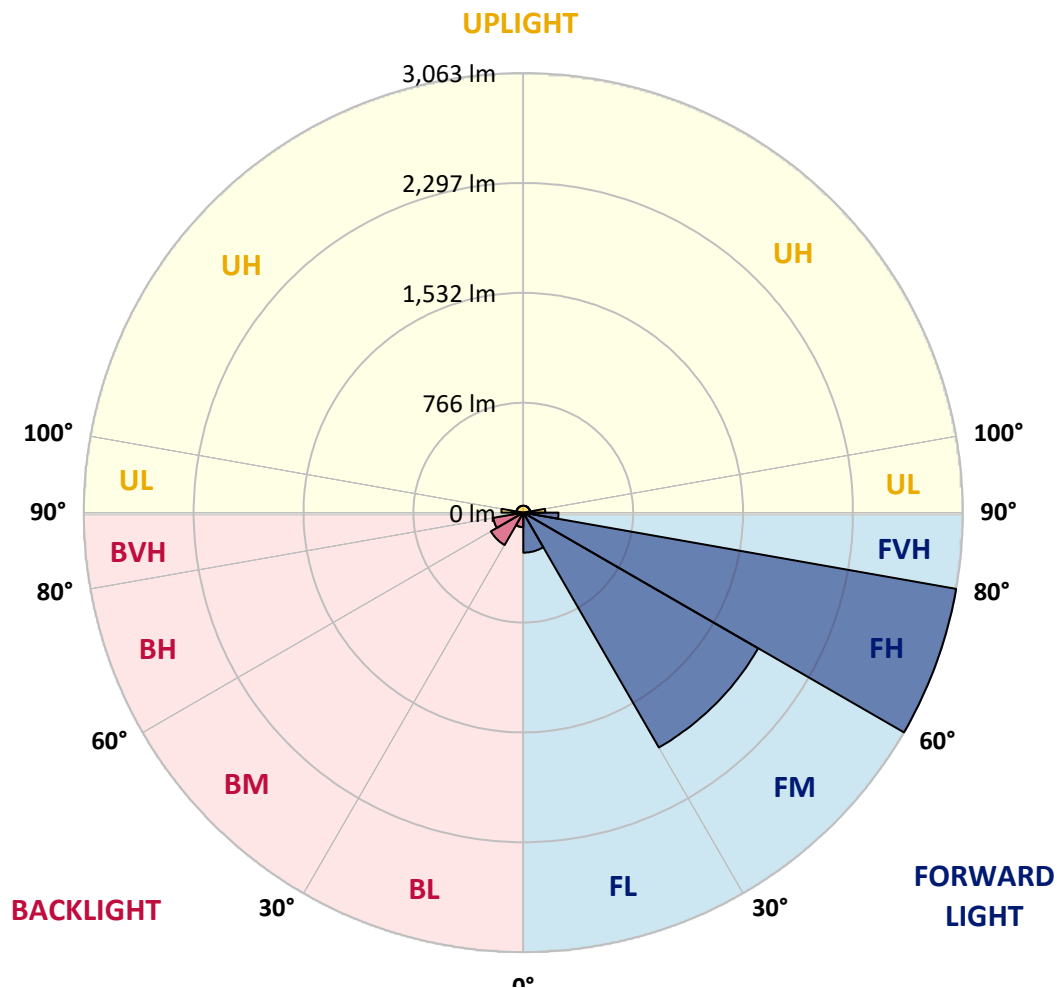
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 278.8  | 4.4       |                         |        |         |
| FM   | (30°-60°)   | 1890.3 | 29.9      |                         |        |         |
| FH   | (60°-80°)   | 3063.2 | 48.4      |                         |        | G2/5000 |
| FVH  | (80°-90°)   | 245.4  | 3.9       |                         |        | G3/500  |
| BL   | (0°-30°)    | 101.4  | 1.6       | B0/110                  |        |         |
| BM   | (30°-60°)   | 260.6  | 4.1       | B1/1000                 |        |         |
| BH   | (60°-80°)   | 212.8  | 3.4       | B1/500                  |        | G1/500  |
| BVH  | (80°-90°)   | 74.6   | 1.2       |                         |        | G1/100  |
| UL   | (90°-100°)  | 153.1  | 2.4       |                         | U3/500 |         |
| UH   | (100°-180°) | 48.3   | 0.8       |                         | U2/50  |         |

**BUG Rating: B1-U3-G3**

Type IV Medium





REPORT NUMBER: P561119

CATALOG NUMBER: SDL-PA1-80-750-U-T4W-HSS-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 50°    | 55°    | 65°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 721.1  | 721.1  | 721.1  | 721.1  | 721.1  | 721.1  | 721.1  | 721.1  | 721.1  | 721.1  | 721.1  |
| 2.5°   | 700.8  | 734.6  | 724.5  | 741.4  | 738.0  | 734.6  | 734.6  | 738.0  | 734.6  | 727.8  | 721.1  |
| 5°     | 714.3  | 704.2  | 697.4  | 694.0  | 680.5  | 663.5  | 656.8  | 650.0  | 721.1  | 721.1  | 707.5  |
| 7.5°   | 734.6  | 734.6  | 721.1  | 710.9  | 710.9  | 694.0  | 677.1  | 663.5  | 629.7  | 619.5  | 619.5  |
| 10°    | 782.0  | 775.2  | 765.1  | 744.8  | 643.2  | 646.6  | 609.4  | 534.9  | 501.0  | 514.6  | 534.9  |
| 12.5°  | 792.2  | 788.8  | 775.2  | 771.9  | 677.1  | 575.5  | 477.3  | 534.9  | 511.2  | 426.6  | 473.9  |
| 15°    | 849.7  | 842.9  | 815.9  | 768.5  | 578.9  | 595.8  | 555.2  | 477.3  | 457.0  | 521.3  | 558.6  |
| 17.5°  | 724.5  | 724.5  | 812.5  | 744.8  | 629.7  | 501.0  | 497.6  | 555.2  | 501.0  | 467.2  | 463.8  |
| 20°    | 890.3  | 890.3  | 853.1  | 609.4  | 646.6  | 639.8  | 514.6  | 582.3  | 490.9  | 555.2  | 592.4  |
| 22.5°  | 741.4  | 738.0  | 765.1  | 754.9  | 619.5  | 653.4  | 528.1  | 531.5  | 585.7  | 501.0  | 429.9  |
| 25°    | 903.9  | 903.9  | 883.6  | 656.8  | 704.2  | 589.0  | 602.6  | 636.4  | 521.3  | 633.1  | 639.8  |
| 27.5°  | 778.6  | 775.2  | 738.0  | 751.5  | 656.8  | 721.1  | 548.4  | 599.2  | 639.8  | 683.8  | 751.5  |
| 30°    | 951.3  | 958.1  | 941.1  | 714.3  | 731.2  | 687.2  | 653.4  | 694.0  | 775.2  | 910.7  | 954.7  |
| 32.5°  | 1174.7 | 1181.5 | 1002.1 | 859.9  | 734.6  | 836.2  | 700.8  | 765.1  | 890.3  | 954.7  | 1002.1 |
| 35°    | 1306.7 | 1256.0 | 1178.1 | 961.4  | 792.2  | 856.5  | 805.7  | 815.9  | 927.6  | 1029.1 | 1063.0 |
| 37.5°  | 1418.5 | 1350.8 | 1259.3 | 991.9  | 836.2  | 924.2  | 839.6  | 853.1  | 1005.4 | 1096.9 | 1140.9 |
| 40°    | 1455.7 | 1415.1 | 1364.3 | 1059.6 | 890.3  | 975.0  | 880.2  | 910.7  | 1079.9 | 1184.9 | 1252.6 |
| 42.5°  | 1547.1 | 1550.5 | 1520.0 | 1154.4 | 947.9  | 1029.1 | 947.9  | 968.2  | 1178.1 | 1306.7 | 1404.9 |
| 45°    | 1790.8 | 1797.6 | 1763.8 | 1316.9 | 1019.0 | 1123.9 | 1056.2 | 1066.4 | 1289.8 | 1492.9 | 1618.2 |
| 47.5°  | 2102.3 | 2078.6 | 2044.7 | 1533.6 | 1127.3 | 1232.3 | 1181.5 | 1171.3 | 1421.8 | 1736.7 | 1848.4 |
| 50°    | 2417.1 | 2373.1 | 2302.0 | 1831.5 | 1313.5 | 1344.0 | 1310.1 | 1303.4 | 1581.0 | 1987.2 | 2109.1 |
| 52.5°  | 2745.5 | 2711.7 | 2562.7 | 2112.5 | 1591.1 | 1506.5 | 1469.2 | 1506.5 | 1787.5 | 2264.8 | 2376.5 |
| 55°    | 2918.2 | 2884.3 | 2789.5 | 2413.7 | 1858.6 | 1716.4 | 1652.0 | 1719.8 | 2105.7 | 2525.5 | 2671.0 |
| 57.5°  | 3060.3 | 3050.2 | 3006.2 | 2728.6 | 2183.5 | 1939.8 | 1875.5 | 1939.8 | 2359.6 | 2769.2 | 2941.9 |
| 60°    | 3263.5 | 3222.8 | 3263.5 | 3033.3 | 2498.4 | 2214.0 | 2126.0 | 2193.7 | 2671.0 | 2982.5 | 3239.8 |
| 62.5°  | 3409.0 | 3398.9 | 3480.1 | 3375.2 | 2762.4 | 2501.8 | 2373.1 | 2437.4 | 2945.2 | 3209.3 | 3534.3 |
| 65°    | 3253.3 | 3304.1 | 3629.1 | 3598.6 | 3060.3 | 2796.3 | 2660.9 | 2640.6 | 3168.7 | 3453.0 | 3849.1 |
| 67.5°  | 2975.7 | 3009.6 | 3483.5 | 3713.7 | 3321.0 | 3094.2 | 2931.7 | 2836.9 | 3375.2 | 3673.1 | 4099.6 |
| 70°    | 2711.7 | 2752.3 | 3185.6 | 3720.5 | 3446.3 | 3476.7 | 3249.9 | 3073.9 | 3581.7 | 3920.2 | 4153.8 |
| 72.5°  | 2501.8 | 2539.0 | 2928.3 | 3639.2 | 3490.3 | 3859.3 | 3598.6 | 3324.4 | 3781.4 | 3927.0 | 3629.1 |
| 75°    | 1560.6 | 1587.7 | 2356.2 | 3256.7 | 3517.4 | 4204.6 | 3916.8 | 3558.0 | 3764.5 | 3382.0 | 2440.8 |
| 77.5°  | 480.7  | 490.9  | 1008.8 | 2149.7 | 3057.0 | 4170.7 | 3862.7 | 3344.7 | 3155.1 | 2146.3 | 1113.8 |
| 80°    | 165.9  | 169.3  | 260.7  | 765.1  | 1828.1 | 3165.3 | 2945.2 | 2461.1 | 1885.6 | 792.2  | 419.8  |
| 82.5°  | 77.9   | 84.6   | 121.9  | 257.3  | 744.8  | 1729.9 | 1740.1 | 1462.5 | 792.2  | 352.1  | 284.4  |
| 85°    | 27.1   | 27.1   | 50.8   | 111.7  | 287.8  | 666.9  | 633.1  | 589.0  | 416.4  | 318.2  | 264.1  |
| 87.5°  | 10.2   | 10.2   | 16.9   | 30.5   | 71.1   | 142.2  | 179.4  | 220.0  | 220.0  | 223.4  | 267.4  |
| 90°    | 10.2   | 10.2   | 6.8    | 6.8    | 50.8   | 149.0  | 179.4  | 199.7  | 182.8  | 203.1  | 291.1  |
| 92.5°  | 10.2   | 10.2   | 6.8    | 6.8    | 54.2   | 172.7  | 199.7  | 216.7  | 193.0  | 216.7  | 321.6  |
| 95°    | 10.2   | 10.2   | 6.8    | 6.8    | 60.9   | 209.9  | 233.6  | 230.2  | 193.0  | 226.8  | 345.3  |
| 97.5°  | 13.5   | 13.5   | 6.8    | 3.4    | 54.2   | 223.4  | 250.5  | 243.7  | 165.9  | 172.7  | 270.8  |
| 100°   | 13.5   | 13.5   | 6.8    | 3.4    | 33.9   | 165.9  | 199.7  | 196.3  | 108.3  | 27.1   | 77.9   |
| 102.5° | 13.5   | 13.5   | 6.8    | 3.4    | 6.8    | 77.9   | 94.8   | 98.2   | 64.3   | 10.2   | 13.5   |
| 105°   | 16.9   | 16.9   | 6.8    | 3.4    | 3.4    | 13.5   | 30.5   | 40.6   | 23.7   | 6.8    | 13.5   |
| 107.5° | 16.9   | 16.9   | 6.8    | 3.4    | 3.4    | 6.8    | 6.8    | 10.2   | 10.2   | 6.8    | 16.9   |



REPORT NUMBER: P561119

CATALOG NUMBER: SDL-PA1-80-750-U-T4W-HSS-A

**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 15°  | 25° | 35° | 45° | 50° | 55° | 65° | 75°  | 85°  |
|--------|------|------|------|-----|-----|-----|-----|-----|-----|------|------|
| 112.5° | 13.5 | 13.5 | 3.4  | 6.8 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 6.8  | 16.9 |
| 115°   | 6.8  | 6.8  | 3.4  | 3.4 | 0.0 | 3.4 | 3.4 | 3.4 | 3.4 | 6.8  | 13.5 |
| 117.5° | 3.4  | 3.4  | 0.0  | 3.4 | 0.0 | 3.4 | 3.4 | 3.4 | 6.8 | 6.8  | 16.9 |
| 120°   | 3.4  | 3.4  | 0.0  | 0.0 | 0.0 | 0.0 | 3.4 | 3.4 | 3.4 | 10.2 | 20.3 |
| 122.5° | 3.4  | 3.4  | 0.0  | 0.0 | 0.0 | 0.0 | 3.4 | 3.4 | 3.4 | 10.2 | 20.3 |
| 125°   | 3.4  | 3.4  | 0.0  | 0.0 | 0.0 | 0.0 | 3.4 | 3.4 | 3.4 | 10.2 | 20.3 |
| 127.5° | 3.4  | 3.4  | 0.0  | 0.0 | 0.0 | 0.0 | 3.4 | 3.4 | 3.4 | 10.2 | 16.9 |
| 130°   | 3.4  | 3.4  | 0.0  | 0.0 | 0.0 | 0.0 | 3.4 | 3.4 | 3.4 | 6.8  | 13.5 |
| 132.5° | 3.4  | 3.4  | 0.0  | 0.0 | 0.0 | 0.0 | 3.4 | 3.4 | 3.4 | 6.8  | 10.2 |
| 135°   | 3.4  | 3.4  | 0.0  | 0.0 | 0.0 | 0.0 | 3.4 | 3.4 | 3.4 | 3.4  | 6.8  |
| 137.5° | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 3.4 | 3.4 | 3.4 | 3.4  | 3.4  |
| 140°   | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 3.4 | 3.4 | 3.4 | 3.4  | 3.4  |
| 142.5° | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 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°   | 10.2 | 10.2 | 6.8  | 3.4 | 0.0 | 0.0 | 3.4 | 3.4 | 3.4 | 3.4  | 3.4  |
| 152.5° | 6.8  | 6.8  | 10.2 | 3.4 | 0.0 | 0.0 | 3.4 | 3.4 | 6.8 | 3.4  | 3.4  |
| 155°   | 6.8  | 6.8  | 3.4  | 0.0 | 0.0 | 0.0 | 0.0 | 3.4 | 3.4 | 6.8  | 6.8  |
| 157.5° | 3.4  | 3.4  | 3.4  | 0.0 | 0.0 | 0.0 | 0.0 | 3.4 | 3.4 | 3.4  | 3.4  |
| 160°   | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 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  |



REPORT NUMBER: P561119

CATALOG NUMBER: SDL-PA1-80-750-U-T4W-HSS-A

**CANDELA DISTRIBUTION (continued):**

|        | 90°    | 95°    | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 721.1  | 721.1  | 721.1 | 721.1 | 721.1 | 721.1 | 721.1 | 721.1 | 721.1 | 721.1 | 721.1 |
| 2.5°   | 714.3  | 710.9  | 700.8 | 694.0 | 683.8 | 673.7 | 622.9 | 592.4 | 589.0 | 585.7 | 589.0 |
| 5°     | 700.8  | 690.6  | 673.7 | 595.8 | 558.6 | 524.7 | 514.6 | 507.8 | 490.9 | 490.9 | 494.3 |
| 7.5°   | 606.0  | 599.2  | 545.0 | 521.3 | 490.9 | 460.4 | 433.3 | 413.0 | 362.2 | 345.3 | 338.5 |
| 10°    | 531.5  | 518.0  | 423.2 | 375.8 | 345.3 | 311.5 | 311.5 | 284.4 | 270.8 | 260.7 | 257.3 |
| 12.5°  | 460.4  | 450.3  | 372.4 | 341.9 | 257.3 | 223.4 | 206.5 | 189.6 | 179.4 | 172.7 | 169.3 |
| 15°    | 538.3  | 521.3  | 399.5 | 274.2 | 189.6 | 159.1 | 125.3 | 121.9 | 152.3 | 159.1 | 162.5 |
| 17.5°  | 429.9  | 440.1  | 355.5 | 240.4 | 155.7 | 98.2  | 108.3 | 128.6 | 145.6 | 145.6 | 142.2 |
| 20°    | 572.1  | 548.4  | 385.9 | 193.0 | 111.7 | 98.2  | 104.9 | 94.8  | 135.4 | 145.6 | 145.6 |
| 22.5°  | 416.4  | 396.1  | 318.2 | 179.4 | 88.0  | 94.8  | 88.0  | 111.7 | 125.3 | 111.7 | 115.1 |
| 25°    | 619.5  | 589.0  | 369.0 | 125.3 | 91.4  | 81.2  | 101.6 | 88.0  | 121.9 | 132.0 | 135.4 |
| 27.5°  | 768.5  | 666.9  | 362.2 | 118.5 | 81.2  | 91.4  | 84.6  | 101.6 | 98.2  | 104.9 | 104.9 |
| 30°    | 917.4  | 859.9  | 409.6 | 108.3 | 81.2  | 77.9  | 88.0  | 88.0  | 111.7 | 121.9 | 121.9 |
| 32.5°  | 981.7  | 914.0  | 358.8 | 104.9 | 81.2  | 77.9  | 77.9  | 94.8  | 104.9 | 125.3 | 125.3 |
| 35°    | 1049.5 | 958.1  | 301.3 | 98.2  | 77.9  | 74.5  | 74.5  | 94.8  | 111.7 | 125.3 | 128.6 |
| 37.5°  | 1140.9 | 1005.4 | 243.7 | 94.8  | 74.5  | 71.1  | 64.3  | 84.6  | 118.5 | 132.0 | 135.4 |
| 40°    | 1256.0 | 1073.2 | 189.6 | 88.0  | 67.7  | 64.3  | 60.9  | 84.6  | 101.6 | 118.5 | 118.5 |
| 42.5°  | 1435.4 | 1147.6 | 149.0 | 84.6  | 64.3  | 57.6  | 57.6  | 71.1  | 98.2  | 111.7 | 111.7 |
| 45°    | 1618.2 | 1235.6 | 125.3 | 81.2  | 60.9  | 54.2  | 54.2  | 71.1  | 74.5  | 94.8  | 94.8  |
| 47.5°  | 1821.3 | 1323.7 | 115.1 | 77.9  | 60.9  | 47.4  | 47.4  | 64.3  | 64.3  | 88.0  | 91.4  |
| 50°    | 2031.2 | 1398.1 | 108.3 | 74.5  | 54.2  | 44.0  | 54.2  | 44.0  | 54.2  | 84.6  | 91.4  |
| 52.5°  | 2214.0 | 1459.1 | 101.6 | 67.7  | 50.8  | 40.6  | 50.8  | 44.0  | 54.2  | 77.9  | 77.9  |
| 55°    | 2400.2 | 1492.9 | 98.2  | 64.3  | 47.4  | 33.9  | 50.8  | 47.4  | 50.8  | 71.1  | 71.1  |
| 57.5°  | 2566.1 | 1503.1 | 94.8  | 64.3  | 40.6  | 30.5  | 47.4  | 57.6  | 44.0  | 57.6  | 64.3  |
| 60°    | 2715.0 | 1492.9 | 84.6  | 57.6  | 30.5  | 30.5  | 50.8  | 67.7  | 60.9  | 67.7  | 67.7  |
| 62.5°  | 2853.8 | 1455.7 | 67.7  | 47.4  | 23.7  | 30.5  | 64.3  | 74.5  | 57.6  | 71.1  | 77.9  |
| 65°    | 2972.3 | 1404.9 | 50.8  | 37.2  | 16.9  | 33.9  | 67.7  | 84.6  | 67.7  | 81.2  | 88.0  |
| 67.5°  | 3026.5 | 1337.2 | 40.6  | 30.5  | 16.9  | 37.2  | 71.1  | 94.8  | 77.9  | 91.4  | 98.2  |
| 70°    | 2935.1 | 1198.4 | 33.9  | 30.5  | 13.5  | 44.0  | 74.5  | 101.6 | 88.0  | 115.1 | 118.5 |
| 72.5°  | 2437.4 | 941.1  | 30.5  | 30.5  | 23.7  | 54.2  | 94.8  | 115.1 | 108.3 | 155.7 | 152.3 |
| 75°    | 1614.8 | 514.6  | 30.5  | 27.1  | 30.5  | 64.3  | 115.1 | 135.4 | 118.5 | 176.0 | 176.0 |
| 77.5°  | 744.8  | 226.8  | 27.1  | 30.5  | 33.9  | 71.1  | 132.0 | 162.5 | 135.4 | 199.7 | 196.3 |
| 80°    | 325.0  | 138.8  | 27.1  | 27.1  | 37.2  | 77.9  | 149.0 | 182.8 | 149.0 | 220.0 | 220.0 |
| 82.5°  | 243.7  | 125.3  | 23.7  | 27.1  | 50.8  | 88.0  | 172.7 | 203.1 | 165.9 | 237.0 | 233.6 |
| 85°    | 226.8  | 118.5  | 27.1  | 30.5  | 57.6  | 111.7 | 203.1 | 220.0 | 172.7 | 243.7 | 243.7 |
| 87.5°  | 230.2  | 115.1  | 27.1  | 30.5  | 77.9  | 142.2 | 230.2 | 237.0 | 189.6 | 257.3 | 257.3 |
| 90°    | 237.0  | 118.5  | 30.5  | 33.9  | 88.0  | 155.7 | 257.3 | 253.9 | 213.3 | 270.8 | 270.8 |
| 92.5°  | 253.9  | 118.5  | 33.9  | 37.2  | 94.8  | 172.7 | 281.0 | 260.7 | 230.2 | 281.0 | 274.2 |
| 95°    | 264.1  | 118.5  | 37.2  | 40.6  | 111.7 | 189.6 | 297.9 | 253.9 | 243.7 | 260.7 | 253.9 |
| 97.5°  | 196.3  | 88.0   | 44.0  | 47.4  | 115.1 | 213.3 | 274.2 | 216.7 | 159.1 | 155.7 | 159.1 |
| 100°   | 64.3   | 30.5   | 47.4  | 50.8  | 74.5  | 149.0 | 203.1 | 155.7 | 84.6  | 64.3  | 64.3  |
| 102.5° | 16.9   | 16.9   | 44.0  | 47.4  | 40.6  | 64.3  | 118.5 | 101.6 | 57.6  | 3.4   | 6.8   |
| 105°   | 16.9   | 13.5   | 27.1  | 37.2  | 23.7  | 16.9  | 47.4  | 57.6  | 44.0  | 3.4   | 3.4   |
| 107.5° | 16.9   | 13.5   | 13.5  | 20.3  | 6.8   | 6.8   | 13.5  | 13.5  | 13.5  | 3.4   | 3.4   |



REPORT NUMBER: P561119

CATALOG NUMBER: SDL-PA1-80-750-U-T4W-HSS-A

**CANDELA DISTRIBUTION (continued):**

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





|      |      |      |     |     |     |     |     |     |     |     |     |
|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 110° | 16.9 | 13.5 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 3.4 | 3.4 | 6.8 | 6.8 |
|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|



(END OF REPORT)