

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: P560222

Luminaire Tested: **SDL-PA1-30-750-U-SL3-A**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P560222  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: SDL-PA1-30-750-U-SL3-A  
Description: Springdale  
(1) 70 CRI, 5000K, 375mA LIGHT ENGINE WITH 24 LEDS AND TYPE III SPILL  
LIGHT ELIMINATOR OPTICS AND CLEAR PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3537.6 lumens  
Efficiency: N/A  
Efficacy: 117.5 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')  
IES Classification: Type III - Medium  
BUG Rating: B1 - U3 - G2

Input Watts (W): 30.1  
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

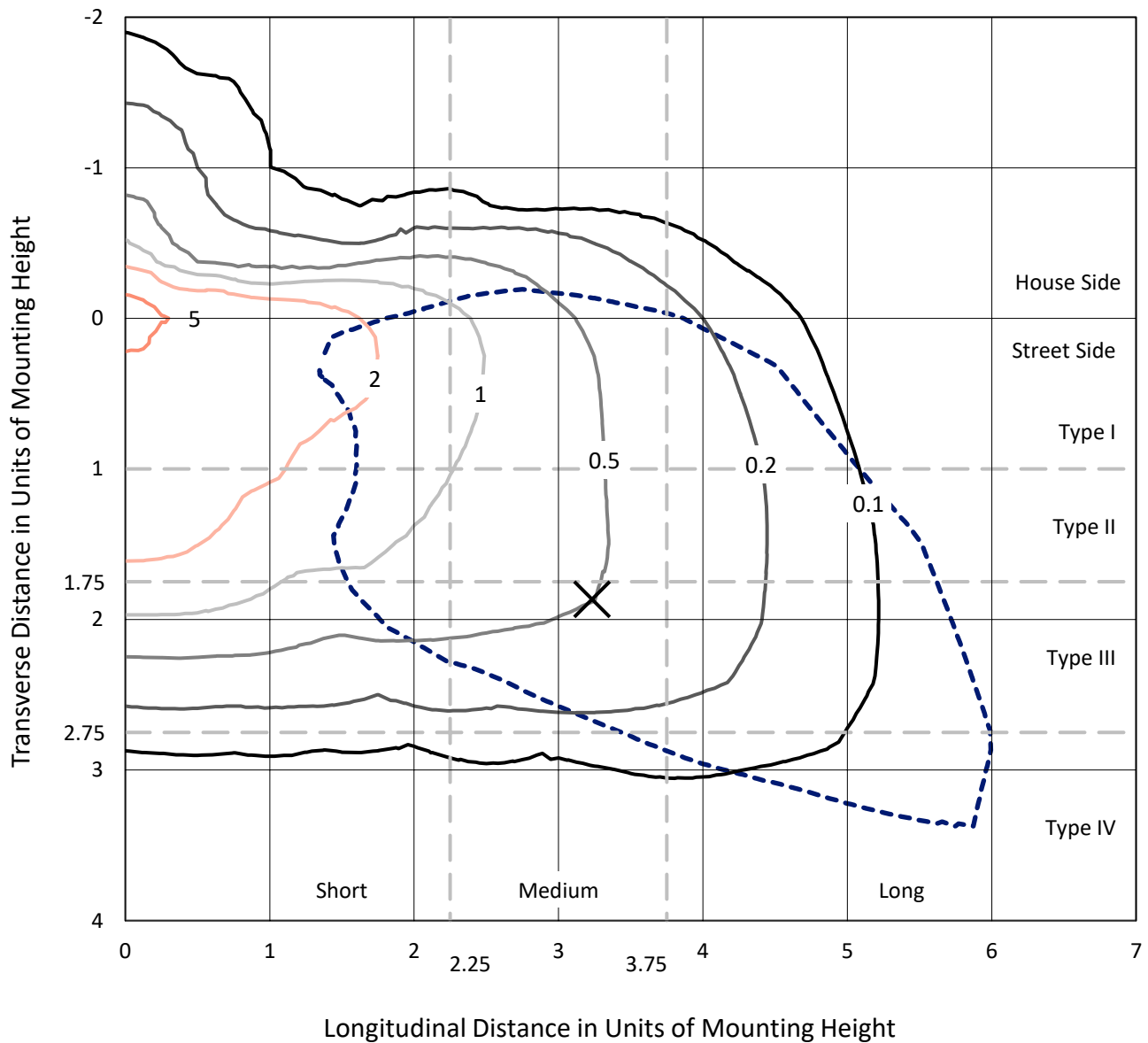


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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 --- 1/2 Max cd

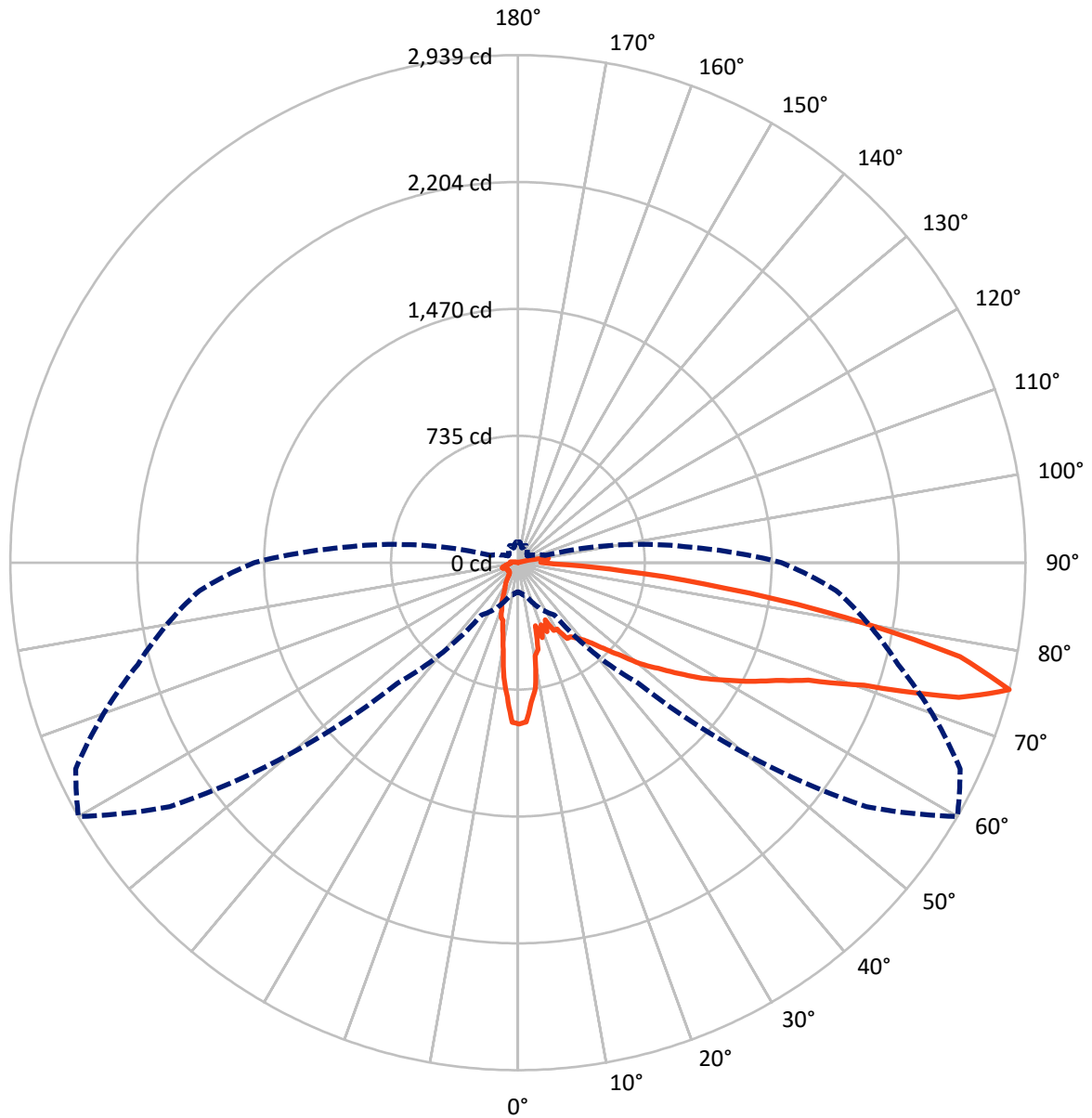


Based on 10 foot mounting height. Maximum calculated value = 9.3 fc  
 Type III - Medium - N/A

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## Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral      - - - Horizontal Cone Through 75-Deg Vertical

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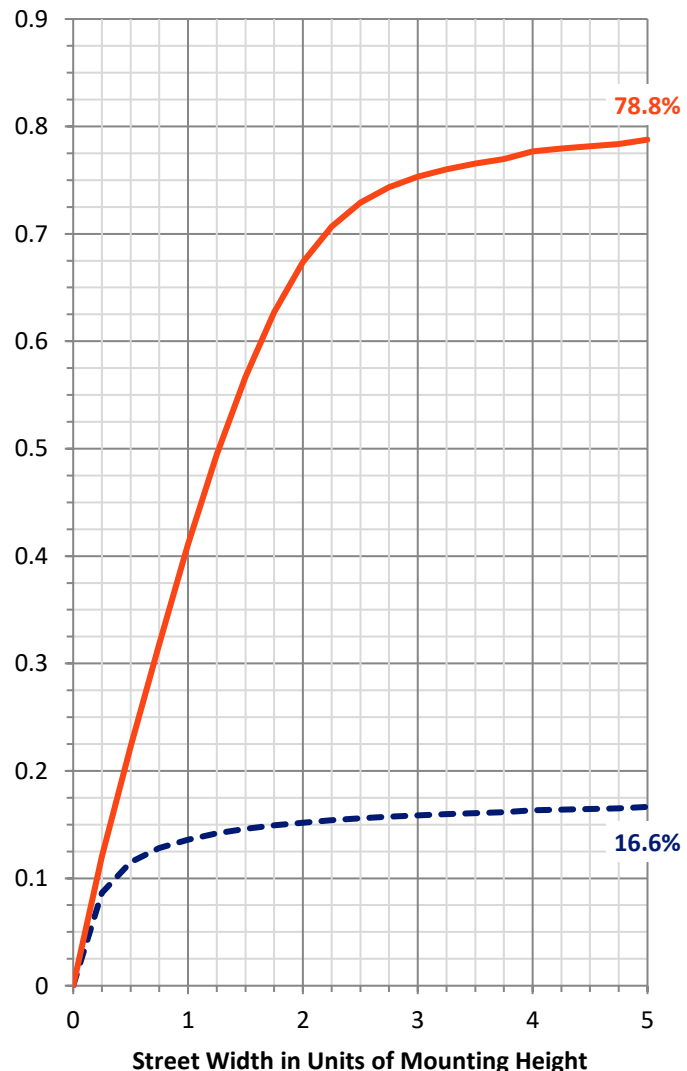
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 621.1    | 47.1   | 668.2  |
|                    | % Fixture | 17.6     | 1.3    | 18.9   |
| <b>Street Side</b> | Lumens    | 2819.6   | 49.8   | 2869.5 |
|                    | % Fixture | 79.7     | 1.4    | 81.1   |
| <b>Total</b>       | Lumens    | 3440.7   | 96.9   | 3537.6 |
|                    | % Fixture | 97.3     | 2.7    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 68.7   | 1.9       |
| 10°-20°   | 122.3  | 3.5       |
| 20°-30°   | 158.5  | 4.5       |
| 30°-40°   | 264.2  | 7.5       |
| 40°-50°   | 423.0  | 12.0      |
| 50°-60°   | 649.5  | 18.4      |
| 60°-70°   | 811.6  | 22.9      |
| 70°-80°   | 740.2  | 20.9      |
| 80°-90°   | 202.6  | 5.7       |
| 90°-100°  | 68.0   | 1.9       |
| 100°-110° | 15.5   | 0.4       |
| 110°-120° | 4.9    | 0.1       |
| 120°-130° | 4.6    | 0.1       |
| 130°-140° | 2.2    | 0.1       |
| 140°-150° | 0.9    | 0.0       |
| 150°-160° | 0.8    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 3440.7 | 97.3      |
| 0°-180°   | 3537.6 | 100.0     |



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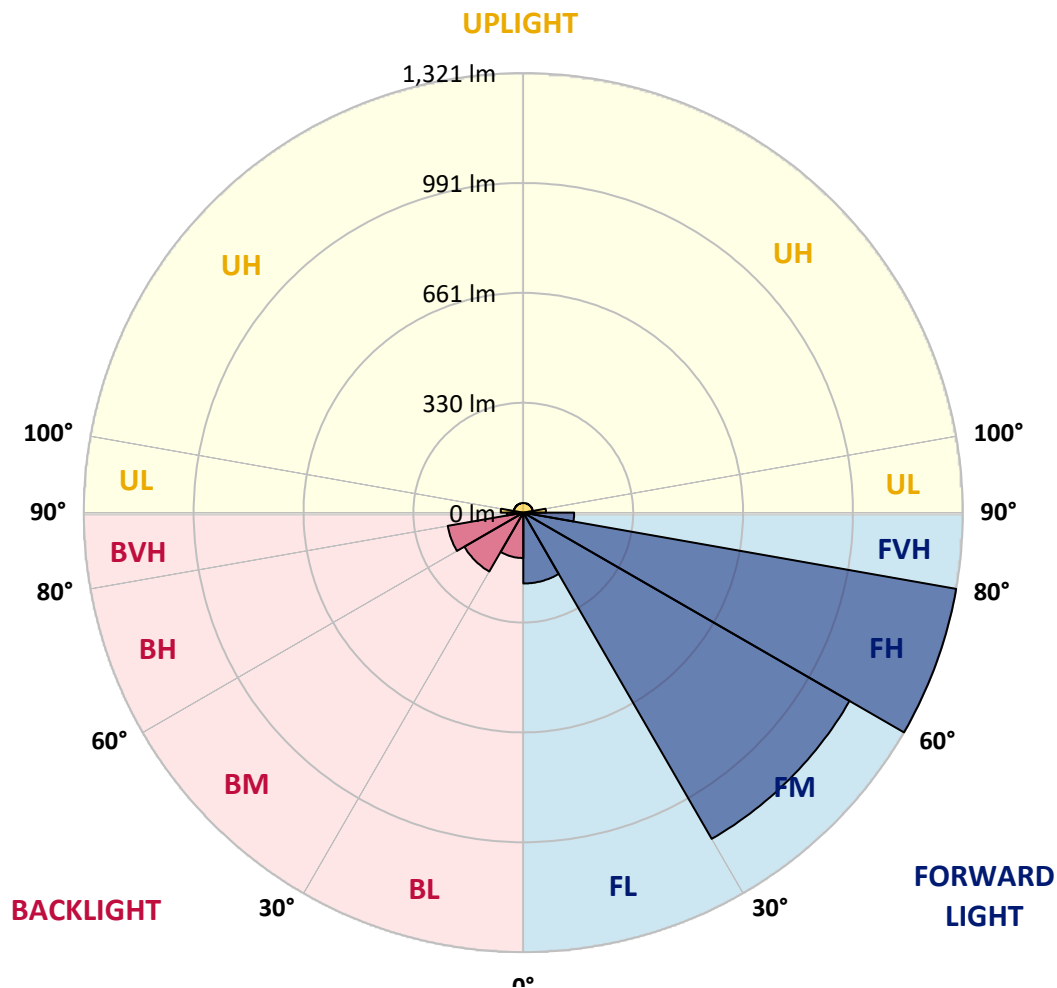
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 213.1  | 6.0       |                         |        |         |
| FM   | (30°-60°)   | 1132.4 | 32.0      |                         |        |         |
| FH   | (60°-80°)   | 1321.3 | 37.4      |                         |        | G1/1800 |
| FVH  | (80°-90°)   | 152.8  | 4.3       |                         |        | G2/225  |
| BL   | (0°-30°)    | 136.5  | 3.9       | B1/500                  |        |         |
| BM   | (30°-60°)   | 204.4  | 5.8       | B0/220                  |        |         |
| BH   | (60°-80°)   | 230.4  | 6.5       | B1/500                  |        | G1/500  |
| BVH  | (80°-90°)   | 49.7   | 1.4       |                         |        | G1/100  |
| UL   | (90°-100°)  | 68.0   | 1.9       |                         | U3/500 |         |
| UH   | (100°-180°) | 28.9   | 0.8       |                         | U2/50  |         |

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

Type III Medium





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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 60°    | 65°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 934.2  | 934.2  | 934.2  | 934.2  | 934.2  | 934.2  | 934.2  | 934.2  | 934.2  | 934.2  | 934.2  |
| 2.5°   | 783.8  | 856.9  | 850.0  | 906.6  | 906.6  | 919.0  | 924.6  | 923.2  | 928.7  | 934.2  | 932.8  |
| 5°     | 721.7  | 723.1  | 728.6  | 741.0  | 745.2  | 749.3  | 763.1  | 811.4  | 892.8  | 912.1  | 912.1  |
| 7.5°   | 596.1  | 629.2  | 670.6  | 677.5  | 702.4  | 714.8  | 730.0  | 732.7  | 677.5  | 776.9  | 786.6  |
| 10°    | 604.4  | 605.8  | 603.0  | 618.2  | 600.3  | 593.4  | 545.1  | 547.8  | 553.4  | 590.6  | 665.1  |
| 12.5°  | 473.3  | 500.9  | 560.3  | 587.9  | 543.7  | 495.4  | 492.6  | 516.1  | 525.8  | 470.6  | 586.5  |
| 15°    | 540.9  | 543.7  | 545.1  | 546.5  | 405.7  | 470.6  | 411.2  | 378.1  | 423.6  | 534.0  | 607.2  |
| 17.5°  | 423.6  | 426.4  | 491.3  | 489.9  | 447.1  | 361.5  | 447.1  | 456.8  | 438.8  | 454.0  | 507.8  |
| 20°    | 496.8  | 498.2  | 494.0  | 383.6  | 391.9  | 443.0  | 385.0  | 383.6  | 405.7  | 523.0  | 590.6  |
| 22.5°  | 408.5  | 402.9  | 401.6  | 438.8  | 398.8  | 426.4  | 374.0  | 433.3  | 470.6  | 466.4  | 445.7  |
| 25°    | 512.0  | 510.6  | 489.9  | 382.2  | 408.5  | 361.5  | 437.4  | 367.1  | 407.1  | 564.4  | 590.6  |
| 27.5°  | 478.8  | 459.5  | 425.0  | 441.6  | 380.9  | 423.6  | 389.1  | 444.3  | 469.2  | 579.6  | 684.4  |
| 30°    | 619.6  | 605.8  | 565.8  | 445.7  | 420.9  | 390.5  | 416.7  | 445.7  | 534.0  | 746.5  | 782.4  |
| 32.5°  | 818.3  | 803.1  | 659.6  | 546.5  | 441.6  | 462.3  | 438.8  | 523.0  | 589.2  | 761.7  | 789.3  |
| 35°    | 879.0  | 858.3  | 787.9  | 662.4  | 506.4  | 491.3  | 467.8  | 527.1  | 597.5  | 801.7  | 801.7  |
| 37.5°  | 913.5  | 912.1  | 879.0  | 731.4  | 571.3  | 563.0  | 503.7  | 553.4  | 630.6  | 840.4  | 832.1  |
| 40°    | 919.0  | 925.9  | 941.1  | 792.1  | 648.6  | 630.6  | 550.6  | 589.2  | 677.5  | 887.3  | 870.7  |
| 42.5°  | 964.6  | 977.0  | 1011.5 | 872.1  | 725.8  | 709.3  | 605.8  | 641.7  | 728.6  | 956.3  | 952.2  |
| 45°    | 1037.7 | 1050.1 | 1080.5 | 960.4  | 793.5  | 782.4  | 695.5  | 717.6  | 811.4  | 1077.7 | 1039.1 |
| 47.5°  | 1189.5 | 1192.3 | 1179.8 | 1033.6 | 866.6  | 866.6  | 782.4  | 803.1  | 885.9  | 1189.5 | 1152.2 |
| 50°    | 1341.3 | 1324.7 | 1269.5 | 1120.5 | 939.7  | 960.4  | 872.1  | 920.4  | 970.1  | 1302.7 | 1251.6 |
| 52.5°  | 1425.5 | 1422.7 | 1348.2 | 1186.7 | 1003.2 | 1043.2 | 975.6  | 1017.0 | 1047.4 | 1417.2 | 1345.4 |
| 55°    | 1428.2 | 1424.1 | 1373.0 | 1218.5 | 1062.5 | 1128.8 | 1079.1 | 1132.9 | 1155.0 | 1506.9 | 1473.8 |
| 57.5°  | 1382.7 | 1393.7 | 1367.5 | 1236.4 | 1091.5 | 1211.6 | 1204.7 | 1262.6 | 1273.7 | 1613.1 | 1562.1 |
| 60°    | 1310.9 | 1309.6 | 1341.3 | 1253.0 | 1135.7 | 1290.2 | 1320.6 | 1379.9 | 1439.3 | 1694.6 | 1640.7 |
| 62.5°  | 1131.5 | 1144.0 | 1233.7 | 1253.0 | 1184.0 | 1392.4 | 1450.3 | 1512.4 | 1585.5 | 1769.1 | 1711.1 |
| 65°    | 885.9  | 892.8  | 1033.6 | 1161.9 | 1197.8 | 1529.0 | 1581.4 | 1643.5 | 1720.8 | 1845.0 | 1789.8 |
| 67.5°  | 535.4  | 581.0  | 702.4  | 956.3  | 1127.4 | 1693.2 | 1789.8 | 1816.0 | 1860.1 | 1930.5 | 1905.7 |
| 70°    | 305.0  | 318.8  | 376.7  | 601.7  | 941.1  | 1745.6 | 2173.4 | 2126.5 | 2080.9 | 2097.5 | 2050.6 |
| 72.5°  | 231.8  | 240.1  | 266.3  | 356.0  | 563.0  | 1541.4 | 2496.3 | 2670.2 | 2474.2 | 2271.4 | 2046.4 |
| 75°    | 168.4  | 176.6  | 202.9  | 287.0  | 369.8  | 988.0  | 2463.2 | 2939.3 | 2826.1 | 2279.6 | 1850.5 |
| 77.5°  | 104.9  | 106.3  | 121.4  | 244.2  | 332.6  | 495.4  | 1927.8 | 2617.7 | 2667.4 | 2129.2 | 1534.5 |
| 80°    | 73.1   | 74.5   | 77.3   | 131.1  | 306.3  | 397.4  | 1294.4 | 1922.2 | 1992.6 | 1482.0 | 782.4  |
| 82.5°  | 52.4   | 55.2   | 58.0   | 77.3   | 198.7  | 379.5  | 805.9  | 1210.2 | 1066.7 | 536.8  | 317.4  |
| 85°    | 27.6   | 30.4   | 37.3   | 46.9   | 80.0   | 412.6  | 483.0  | 615.4  | 487.1  | 218.0  | 189.1  |
| 87.5°  | 11.0   | 9.7    | 8.3    | 12.4   | 22.1   | 158.7  | 187.7  | 207.0  | 160.1  | 122.8  | 150.4  |
| 90°    | 9.7    | 8.3    | 5.5    | 6.9    | 9.7    | 56.6   | 118.7  | 132.5  | 110.4  | 120.1  | 151.8  |
| 92.5°  | 9.7    | 8.3    | 5.5    | 5.5    | 9.7    | 56.6   | 142.1  | 144.9  | 114.5  | 122.8  | 158.7  |
| 95°    | 9.7    | 9.7    | 5.5    | 5.5    | 9.7    | 51.1   | 168.4  | 165.6  | 118.7  | 129.7  | 168.4  |
| 97.5°  | 9.7    | 9.7    | 4.1    | 5.5    | 9.7    | 34.5   | 173.9  | 179.4  | 115.9  | 92.5   | 139.4  |
| 100°   | 9.7    | 9.7    | 4.1    | 4.1    | 8.3    | 22.1   | 121.4  | 131.1  | 85.6   | 30.4   | 34.5   |
| 102.5° | 9.7    | 9.7    | 4.1    | 4.1    | 5.5    | 15.2   | 53.8   | 64.9   | 51.1   | 9.7    | 11.0   |
| 105°   | 9.7    | 11.0   | 2.8    | 2.8    | 4.1    | 8.3    | 23.5   | 26.2   | 20.7   | 6.9    | 12.4   |
| 107.5° | 11.0   | 12.4   | 2.8    | 2.8    | 2.8    | 4.1    | 8.3    | 9.7    | 5.5    | 5.5    | 12.4   |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45° | 55° | 60° | 65° | 75° | 85°  |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 112.5° | 9.7 | 8.3 | 1.4 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 5.5 | 13.8 |
| 115°   | 5.5 | 4.1 | 1.4 | 2.8 | 2.8 | 2.8 | 1.4 | 2.8 | 4.1 | 5.5 | 12.4 |
| 117.5° | 5.5 | 4.1 | 1.4 | 1.4 | 1.4 | 2.8 | 1.4 | 1.4 | 4.1 | 6.9 | 15.2 |
| 120°   | 4.1 | 4.1 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 2.8 | 2.8 | 9.7 | 20.7 |
| 122.5° | 4.1 | 4.1 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 2.8 | 2.8 | 9.7 | 20.7 |
| 125°   | 5.5 | 5.5 | 2.8 | 1.4 | 1.4 | 1.4 | 1.4 | 2.8 | 2.8 | 8.3 | 19.3 |
| 127.5° | 4.1 | 4.1 | 2.8 | 1.4 | 1.4 | 1.4 | 1.4 | 2.8 | 2.8 | 6.9 | 15.2 |
| 130°   | 4.1 | 4.1 | 2.8 | 1.4 | 1.4 | 1.4 | 1.4 | 2.8 | 1.4 | 6.9 | 12.4 |
| 132.5° | 4.1 | 4.1 | 2.8 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 4.1 | 9.7  |
| 135°   | 4.1 | 4.1 | 2.8 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 2.8 | 6.9  |
| 137.5° | 2.8 | 2.8 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 2.8  |
| 140°   | 0.0 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4  |
| 142.5° | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4  |
| 145°   | 1.4 | 1.4 | 1.4 | 1.4 | 2.8 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4  |
| 147.5° | 1.4 | 1.4 | 1.4 | 2.8 | 2.8 | 2.8 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4  |
| 150°   | 2.8 | 2.8 | 5.5 | 4.1 | 2.8 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4  |
| 152.5° | 5.5 | 5.5 | 5.5 | 4.1 | 1.4 | 1.4 | 2.8 | 4.1 | 1.4 | 1.4 | 1.4  |
| 155°   | 4.1 | 4.1 | 4.1 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 2.8 | 4.1 | 4.1  |
| 157.5° | 0.0 | 0.0 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4  |
| 160°   | 0.0 | 0.0 | 0.0 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4  |
| 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°     | 934.2  | 934.2  | 934.2 | 934.2 | 934.2 | 934.2 | 934.2 | 934.2 | 934.2 | 934.2 | 934.2 |
| 2.5°   | 928.7  | 931.5  | 928.7 | 925.9 | 923.2 | 914.9 | 858.3 | 789.3 | 783.8 | 789.3 | 786.6 |
| 5°     | 905.2  | 905.2  | 903.9 | 808.6 | 752.1 | 735.5 | 731.4 | 727.2 | 718.9 | 714.8 | 717.6 |
| 7.5°   | 781.0  | 776.9  | 728.6 | 643.0 | 696.9 | 677.5 | 666.5 | 661.0 | 578.2 | 547.8 | 550.6 |
| 10°    | 652.7  | 652.7  | 542.3 | 512.0 | 509.2 | 517.5 | 574.1 | 569.9 | 558.9 | 552.0 | 558.9 |
| 12.5°  | 563.0  | 586.5  | 430.5 | 460.9 | 374.0 | 414.0 | 452.6 | 480.2 | 396.0 | 372.6 | 376.7 |
| 15°    | 597.5  | 589.2  | 473.3 | 361.5 | 329.8 | 347.7 | 278.7 | 349.1 | 343.6 | 332.6 | 331.2 |
| 17.5°  | 521.6  | 478.8  | 394.7 | 339.5 | 325.7 | 245.6 | 238.7 | 247.0 | 226.3 | 207.0 | 216.6 |
| 20°    | 567.2  | 543.7  | 418.1 | 302.2 | 251.1 | 223.5 | 168.4 | 157.3 | 200.1 | 209.7 | 208.4 |
| 22.5°  | 473.3  | 394.7  | 342.2 | 300.8 | 202.9 | 160.1 | 127.0 | 139.4 | 149.0 | 158.7 | 162.8 |
| 25°    | 556.1  | 513.3  | 374.0 | 224.9 | 164.2 | 117.3 | 114.5 | 103.5 | 155.9 | 178.0 | 176.6 |
| 27.5°  | 641.7  | 581.0  | 360.2 | 211.1 | 118.7 | 100.7 | 92.5  | 104.9 | 109.0 | 122.8 | 131.1 |
| 30°    | 717.6  | 644.4  | 416.7 | 196.0 | 99.4  | 75.9  | 82.8  | 85.6  | 106.3 | 114.5 | 114.5 |
| 32.5°  | 714.8  | 626.5  | 372.6 | 167.0 | 81.4  | 69.0  | 69.0  | 81.4  | 93.8  | 113.2 | 114.5 |
| 35°    | 713.4  | 612.7  | 332.6 | 129.7 | 71.8  | 60.7  | 63.5  | 77.3  | 93.8  | 104.9 | 106.3 |
| 37.5°  | 730.0  | 608.6  | 292.5 | 104.9 | 64.9  | 58.0  | 60.7  | 73.1  | 100.7 | 111.8 | 111.8 |
| 40°    | 754.8  | 611.3  | 252.5 | 89.7  | 62.1  | 56.6  | 58.0  | 77.3  | 91.1  | 100.7 | 100.7 |
| 42.5°  | 830.7  | 651.3  | 218.0 | 82.8  | 62.1  | 55.2  | 55.2  | 71.8  | 92.5  | 109.0 | 110.4 |
| 45°    | 887.3  | 683.1  | 191.8 | 82.8  | 60.7  | 52.4  | 58.0  | 71.8  | 81.4  | 120.1 | 128.3 |
| 47.5°  | 978.4  | 741.0  | 167.0 | 82.8  | 60.7  | 51.1  | 53.8  | 70.4  | 85.6  | 138.0 | 143.5 |
| 50°    | 1069.4 | 799.0  | 155.9 | 82.8  | 60.7  | 49.7  | 60.7  | 67.6  | 85.6  | 143.5 | 147.7 |
| 52.5°  | 1166.0 | 870.7  | 149.0 | 82.8  | 60.7  | 52.4  | 66.2  | 81.4  | 92.5  | 128.3 | 127.0 |
| 55°    | 1265.4 | 934.2  | 144.9 | 85.6  | 60.7  | 52.4  | 71.8  | 75.9  | 78.7  | 99.4  | 102.1 |
| 57.5°  | 1357.9 | 1011.5 | 153.2 | 85.6  | 59.3  | 55.2  | 67.6  | 74.5  | 69.0  | 86.9  | 88.3  |
| 60°    | 1431.0 | 1081.9 | 173.9 | 82.8  | 58.0  | 55.2  | 69.0  | 81.4  | 77.3  | 95.2  | 98.0  |
| 62.5°  | 1515.2 | 1156.4 | 222.2 | 84.2  | 58.0  | 56.6  | 77.3  | 88.3  | 78.7  | 93.8  | 99.4  |
| 65°    | 1625.6 | 1269.5 | 276.0 | 92.5  | 59.3  | 59.3  | 78.7  | 95.2  | 78.7  | 92.5  | 92.5  |
| 67.5°  | 1749.8 | 1374.4 | 276.0 | 107.6 | 63.5  | 63.5  | 78.7  | 100.7 | 84.2  | 92.5  | 92.5  |
| 70°    | 1840.8 | 1379.9 | 227.7 | 118.7 | 69.0  | 67.6  | 81.4  | 104.9 | 85.6  | 102.1 | 100.7 |
| 72.5°  | 1740.1 | 1229.5 | 189.1 | 117.3 | 74.5  | 70.4  | 92.5  | 107.6 | 86.9  | 115.9 | 114.5 |
| 75°    | 1527.6 | 1014.3 | 164.2 | 104.9 | 67.6  | 71.8  | 96.6  | 110.4 | 88.3  | 121.4 | 118.7 |
| 77.5°  | 1204.7 | 739.6  | 139.4 | 88.3  | 59.3  | 69.0  | 99.4  | 113.2 | 91.1  | 128.3 | 127.0 |
| 80°    | 583.7  | 371.2  | 113.2 | 74.5  | 53.8  | 66.2  | 99.4  | 111.8 | 89.7  | 132.5 | 132.5 |
| 82.5°  | 263.6  | 184.9  | 77.3  | 51.1  | 53.8  | 67.6  | 102.1 | 113.2 | 89.7  | 129.7 | 128.3 |
| 85°    | 171.1  | 127.0  | 49.7  | 40.0  | 53.8  | 77.3  | 103.5 | 107.6 | 85.6  | 120.1 | 120.1 |
| 87.5°  | 128.3  | 88.3   | 26.2  | 24.8  | 59.3  | 84.2  | 103.5 | 99.4  | 82.8  | 113.2 | 110.4 |
| 90°    | 131.1  | 93.8   | 27.6  | 24.8  | 63.5  | 85.6  | 103.5 | 98.0  | 80.0  | 102.1 | 102.1 |
| 92.5°  | 142.1  | 103.5  | 31.7  | 27.6  | 64.9  | 77.3  | 98.0  | 88.3  | 74.5  | 88.3  | 86.9  |
| 95°    | 154.6  | 115.9  | 37.3  | 31.7  | 56.6  | 56.6  | 77.3  | 71.8  | 63.5  | 67.6  | 67.6  |
| 97.5°  | 113.2  | 82.8   | 33.1  | 34.5  | 42.8  | 35.9  | 51.1  | 48.3  | 33.1  | 30.4  | 29.0  |
| 100°   | 33.1   | 27.6   | 30.4  | 33.1  | 30.4  | 26.2  | 38.6  | 37.3  | 22.1  | 11.0  | 11.0  |
| 102.5° | 12.4   | 13.8   | 27.6  | 30.4  | 23.5  | 19.3  | 27.6  | 30.4  | 17.9  | 2.8   | 4.1   |
| 105°   | 11.0   | 9.7    | 19.3  | 23.5  | 13.8  | 11.0  | 13.8  | 19.3  | 11.0  | 2.8   | 2.8   |
| 107.5° | 12.4   | 9.7    | 9.7   | 12.4  | 5.5   | 5.5   | 5.5   | 6.9   | 4.1   | 2.8   | 2.8   |



REPORT NUMBER: P560222

CATALOG NUMBER: SDL-PA1-30-750-U-SL3-A

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 12.4 | 9.7  | 5.5  | 5.5  | 4.1  | 4.1  | 2.8  | 2.8  | 4.1  | 6.9  | 6.9  |
| 115°   | 13.8 | 11.0 | 5.5  | 4.1  | 2.8  | 4.1  | 2.8  | 1.4  | 4.1  | 9.7  | 9.7  |
| 117.5° | 16.6 | 12.4 | 4.1  | 4.1  | 2.8  | 2.8  | 2.8  | 1.4  | 4.1  | 12.4 | 13.8 |
| 120°   | 20.7 | 15.2 | 5.5  | 2.8  | 2.8  | 2.8  | 2.8  | 1.4  | 5.5  | 13.8 | 15.2 |
| 122.5° | 20.7 | 16.6 | 5.5  | 2.8  | 2.8  | 1.4  | 1.4  | 2.8  | 5.5  | 13.8 | 15.2 |
| 125°   | 19.3 | 15.2 | 5.5  | 2.8  | 2.8  | 1.4  | 1.4  | 1.4  | 6.9  | 13.8 | 15.2 |
| 127.5° | 15.2 | 13.8 | 5.5  | 2.8  | 1.4  | 1.4  | 1.4  | 2.8  | 5.5  | 12.4 | 12.4 |
| 130°   | 12.4 | 11.0 | 4.1  | 2.8  | 1.4  | 1.4  | 1.4  | 1.4  | 5.5  | 9.7  | 11.0 |
| 132.5° | 9.7  | 8.3  | 4.1  | 2.8  | 1.4  | 1.4  | 1.4  | 1.4  | 5.5  | 9.7  | 9.7  |
| 135°   | 6.9  | 6.9  | 2.8  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 4.1  | 6.9  | 8.3  |
| 137.5° | 2.8  | 2.8  | 2.8  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 2.8  | 4.1  | 4.1  |
| 140°   | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 0.0  | 1.4  | 2.8  | 2.8  |
| 142.5° | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 0.0  | 1.4  | 1.4  | 1.4  | 2.8  |
| 145°   | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 0.0  | 1.4  | 1.4  | 1.4  | 1.4  |
| 147.5° | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 0.0  | 1.4  | 1.4  | 1.4  | 1.4  |
| 150°   | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 0.0  | 1.4  | 1.4  | 1.4  | 1.4  |
| 152.5° | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 0.0  | 1.4  | 1.4  | 2.8  | 2.8  |
| 155°   | 4.1  | 4.1  | 4.1  | 2.8  | 1.4  | 0.0  | 0.0  | 0.0  | 1.4  | 1.4  | 2.8  |
| 157.5° | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 0.0  | 0.0  | 1.4  | 1.4  | 1.4  |
| 160°   | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 0.0  | 0.0  | 0.0  | 1.4  | 1.4  | 1.4  |
| 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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|      |      |      |     |     |     |     |     |     |     |     |      |
|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 110° | 12.4 | 12.4 | 2.8 | 2.8 | 2.8 | 4.1 | 2.8 | 2.8 | 4.1 | 5.5 | 13.8 |
|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|





|      |      |     |     |     |     |     |     |     |     |     |     |
|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 110° | 12.4 | 9.7 | 5.5 | 5.5 | 4.1 | 4.1 | 4.1 | 2.8 | 2.8 | 2.8 | 2.8 |
|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|



(END OF REPORT)