

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: P560498

Luminaire Tested: **SDL-PA1-50-722-U-T3-A**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P560498  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: SDL-PA1-50-722-U-T3-A  
Description: Springdale  
(1) 70 CRI, 2200K, 670mA LIGHT ENGINE WITH 24 LEDS AND TYPE III OPTICS  
AND CLEAR PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4428 lumens  
Efficiency: N/A  
Efficacy: 84.5 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): 52.4  
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

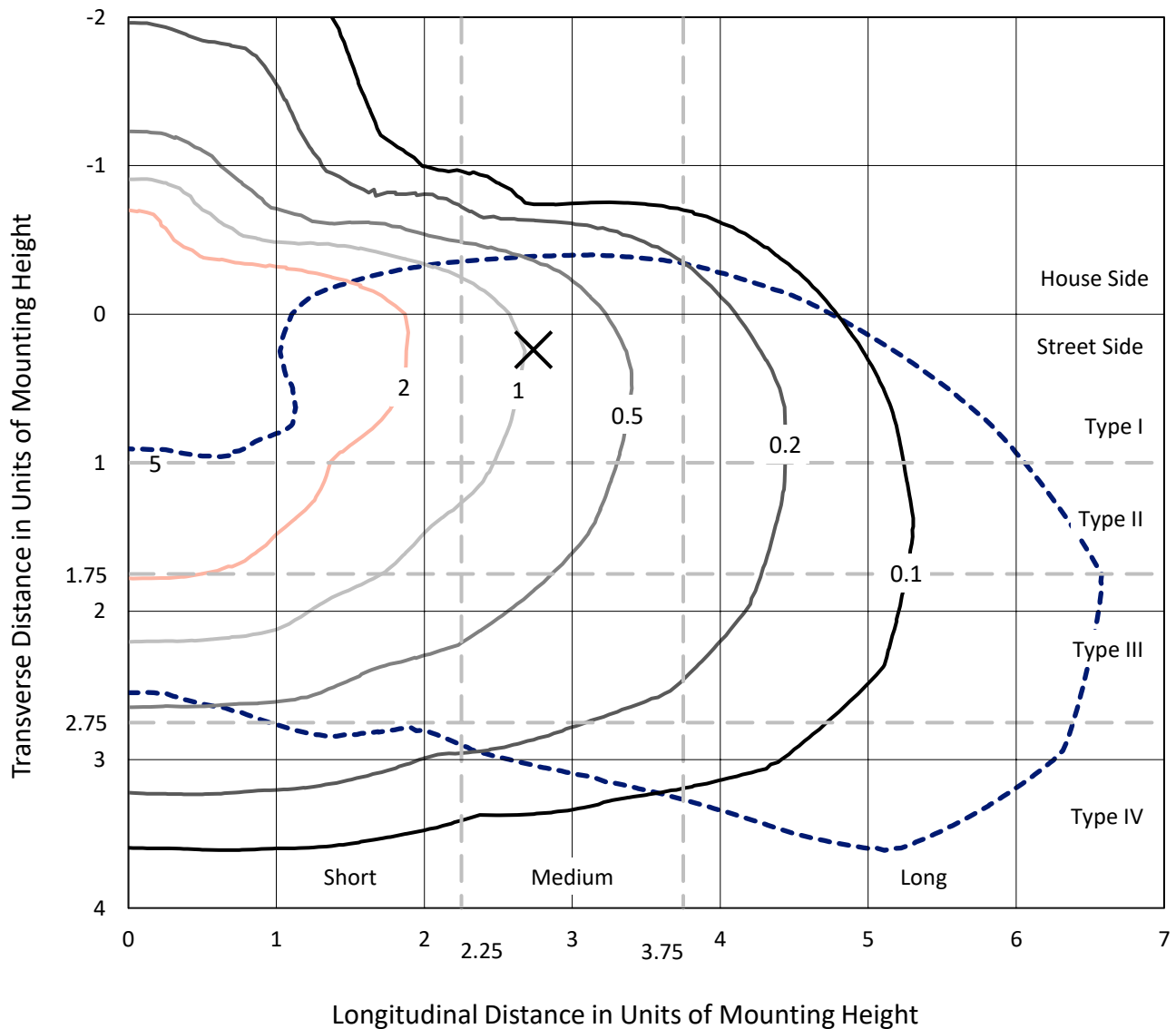


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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
--- 1/2 Max cd

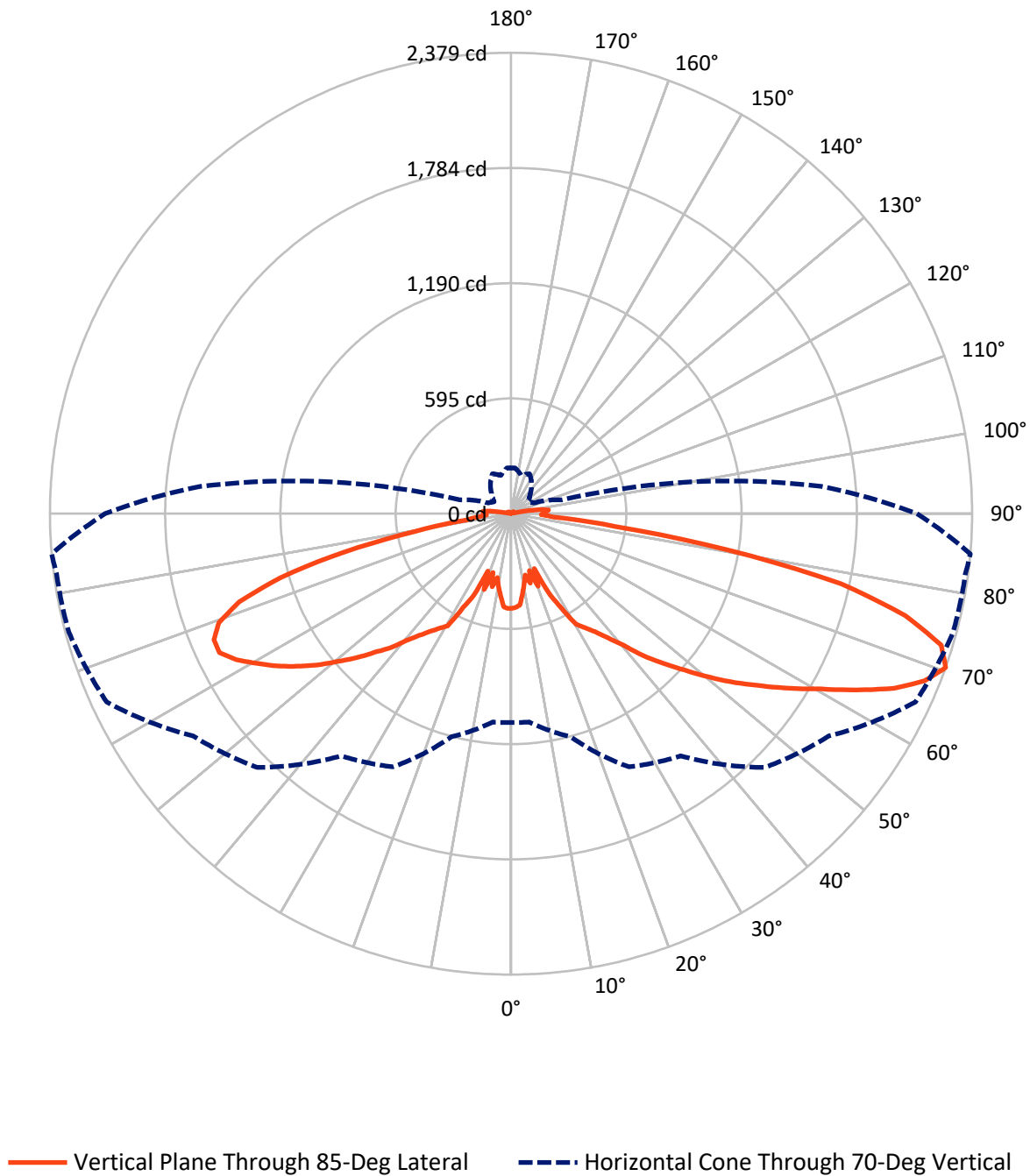


Based on 10 foot mounting height. Maximum calculated value = 5 fc  
Type IV - Medium - N/A

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## Luminous Intensity Polar Plot



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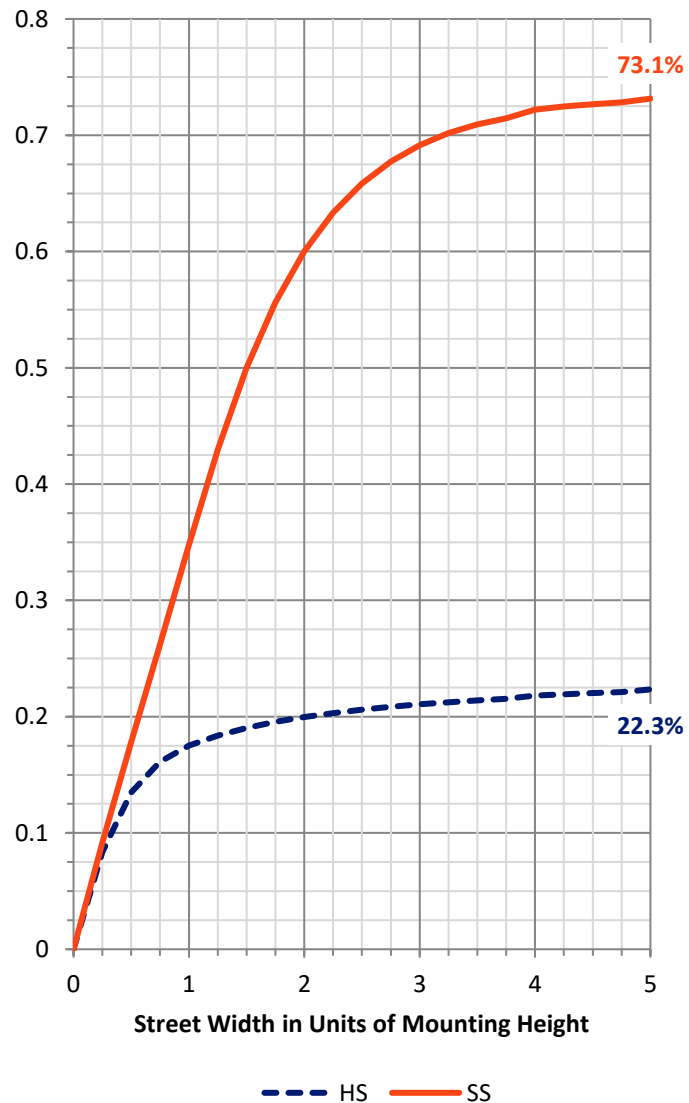
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1041.1   | 67.0   | 1108.1 |
|                    | % Fixture | 23.5     | 1.5    | 25.0   |
| <b>Street Side</b> | Lumens    | 3263.3   | 56.6   | 3319.9 |
|                    | % Fixture | 73.7     | 1.3    | 75.0   |
| <b>Total</b>       | Lumens    | 4304.3   | 123.6  | 4428.0 |
|                    | % Fixture | 97.2     | 2.8    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 39.9   | 0.9       |
| 10°-20°   | 97.7   | 2.2       |
| 20°-30°   | 178.0  | 4.0       |
| 30°-40°   | 336.4  | 7.6       |
| 40°-50°   | 562.2  | 12.7      |
| 50°-60°   | 877.5  | 19.8      |
| 60°-70°   | 1088.2 | 24.6      |
| 70°-80°   | 889.1  | 20.1      |
| 80°-90°   | 235.3  | 5.3       |
| 90°-100°  | 89.3   | 2.0       |
| 100°-110° | 19.0   | 0.4       |
| 110°-120° | 6.1    | 0.1       |
| 120°-130° | 4.8    | 0.1       |
| 130°-140° | 2.3    | 0.1       |
| 140°-150° | 1.1    | 0.0       |
| 150°-160° | 1.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 4304.3 | 97.2      |
| 0°-180°   | 4428.0 | 100.0     |



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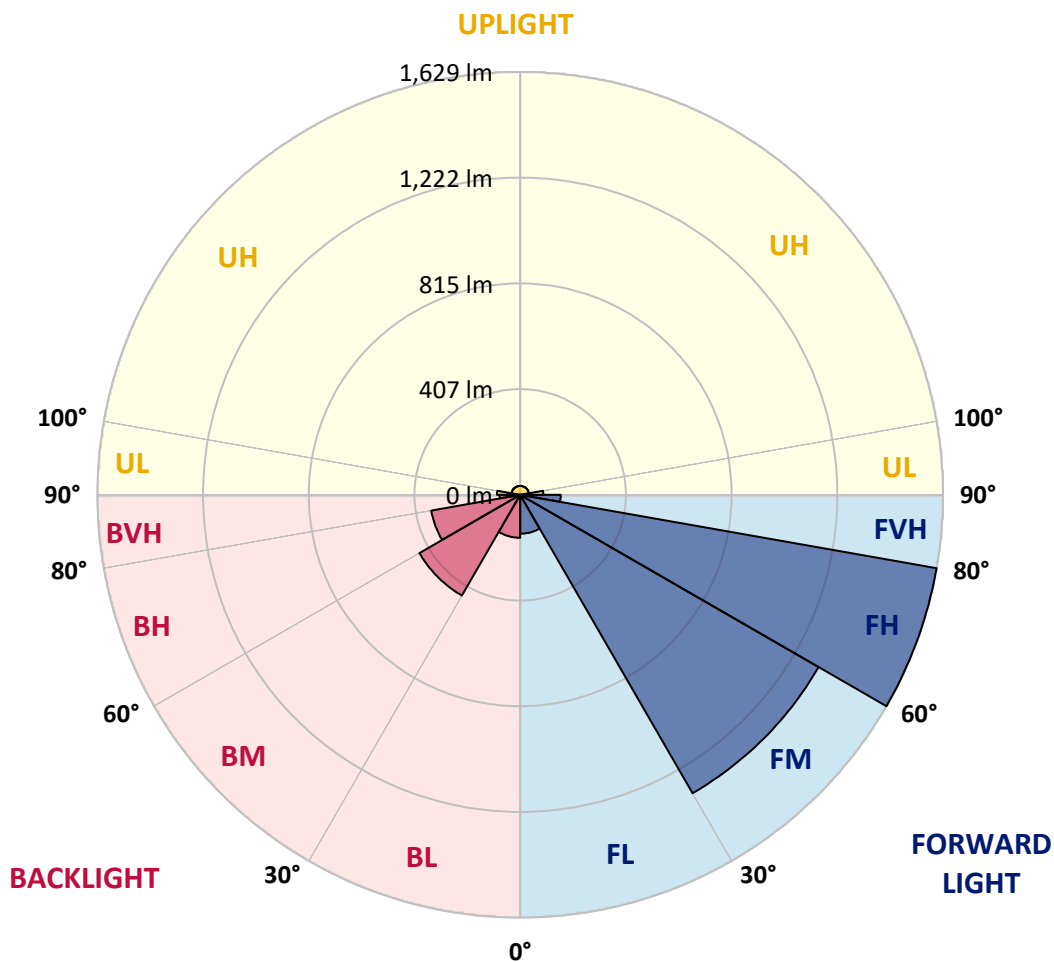
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 150.0  | 3.4       |                         |        |         |
| FM   | (30°-60°)   | 1327.7 | 30.0      |                         |        |         |
| FH   | (60°-80°)   | 1629.4 | 36.8      |                         |        | G1/1800 |
| FVH  | (80°-90°)   | 156.1  | 3.5       |                         |        | G2/225  |
| BL   | (0°-30°)    | 165.6  | 3.7       | B1/500                  |        |         |
| BM   | (30°-60°)   | 448.4  | 10.1      | B1/1000                 |        |         |
| BH   | (60°-80°)   | 347.9  | 7.9       | B1/500                  |        | G1/500  |
| BVH  | (80°-90°)   | 79.2   | 1.8       |                         |        | G1/100  |
| UL   | (90°-100°)  | 89.3   | 2.0       |                         | U3/500 |         |
| UH   | (100°-180°) | 34.3   | 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°    | 75°    | 82.5°  | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 489.2  | 489.2  | 489.2  | 489.2  | 489.2  | 489.2  | 489.2  | 489.2  | 489.2  | 489.2  | 489.2  |
| 2.5°   | 405.1  | 444.6  | 437.7  | 449.8  | 456.6  | 466.9  | 473.8  | 477.2  | 480.7  | 484.1  | 484.1  |
| 5°     | 375.9  | 377.7  | 379.4  | 381.1  | 384.5  | 389.7  | 394.8  | 449.8  | 466.9  | 473.8  | 473.8  |
| 7.5°   | 343.3  | 341.6  | 348.5  | 357.1  | 369.1  | 375.9  | 381.1  | 382.8  | 401.7  | 417.1  | 420.6  |
| 10°    | 341.6  | 343.3  | 343.3  | 346.8  | 326.2  | 324.4  | 300.4  | 302.1  | 327.9  | 367.4  | 369.1  |
| 12.5°  | 297.0  | 305.6  | 324.4  | 338.2  | 317.6  | 285.0  | 279.8  | 293.5  | 274.7  | 322.7  | 324.4  |
| 15°    | 331.3  | 329.6  | 329.6  | 315.9  | 267.8  | 281.5  | 250.6  | 260.9  | 319.3  | 363.9  | 372.5  |
| 17.5°  | 288.4  | 285.0  | 319.3  | 309.0  | 278.1  | 235.2  | 281.5  | 278.1  | 288.4  | 314.1  | 309.0  |
| 20°    | 362.2  | 358.8  | 351.9  | 267.8  | 281.5  | 295.3  | 286.7  | 267.8  | 338.2  | 377.7  | 400.0  |
| 22.5°  | 338.2  | 341.6  | 358.8  | 339.9  | 290.1  | 303.8  | 271.2  | 329.6  | 319.3  | 303.8  | 307.3  |
| 25°    | 461.8  | 458.3  | 441.2  | 333.0  | 346.8  | 283.2  | 331.3  | 293.5  | 405.1  | 449.8  | 453.2  |
| 27.5°  | 425.7  | 420.6  | 408.6  | 418.9  | 351.9  | 370.8  | 322.7  | 384.5  | 448.0  | 527.0  | 551.0  |
| 30°    | 564.8  | 559.6  | 545.9  | 422.3  | 418.9  | 367.4  | 391.4  | 472.1  | 604.2  | 664.3  | 662.6  |
| 32.5°  | 727.8  | 690.1  | 606.0  | 540.7  | 448.0  | 477.2  | 448.0  | 556.2  | 643.7  | 702.1  | 702.1  |
| 35°    | 827.4  | 820.5  | 775.9  | 628.3  | 521.9  | 520.1  | 515.0  | 612.8  | 710.7  | 751.9  | 748.4  |
| 37.5°  | 911.5  | 923.5  | 890.9  | 727.8  | 588.8  | 602.5  | 576.8  | 690.1  | 793.1  | 817.1  | 813.7  |
| 40°    | 1028.3 | 1024.8 | 1007.7 | 813.7  | 671.2  | 669.5  | 650.6  | 782.8  | 884.1  | 901.2  | 892.6  |
| 42.5°  | 1201.6 | 1182.7 | 1131.2 | 928.7  | 758.7  | 758.7  | 724.4  | 870.3  | 995.6  | 997.4  | 1002.5 |
| 45°    | 1414.5 | 1405.9 | 1314.9 | 1107.2 | 872.0  | 870.3  | 813.7  | 963.0  | 1108.9 | 1117.5 | 1102.1 |
| 47.5°  | 1562.1 | 1536.4 | 1491.7 | 1270.3 | 1047.1 | 1007.7 | 921.8  | 1054.0 | 1244.5 | 1237.7 | 1206.8 |
| 50°    | 1708.0 | 1687.4 | 1646.2 | 1448.8 | 1229.1 | 1150.1 | 1023.1 | 1148.4 | 1375.0 | 1356.1 | 1326.9 |
| 52.5°  | 1833.3 | 1805.9 | 1761.2 | 1594.7 | 1388.7 | 1326.9 | 1139.8 | 1234.2 | 1507.2 | 1476.3 | 1448.8 |
| 55°    | 1905.4 | 1848.8 | 1852.2 | 1725.2 | 1508.9 | 1459.1 | 1270.3 | 1373.3 | 1635.9 | 1591.3 | 1569.0 |
| 57.5°  | 1816.2 | 1812.7 | 1869.4 | 1805.9 | 1618.8 | 1569.0 | 1409.3 | 1512.3 | 1769.8 | 1711.5 | 1701.2 |
| 60°    | 1726.9 | 1737.2 | 1817.9 | 1829.9 | 1704.6 | 1668.5 | 1529.5 | 1709.7 | 1900.3 | 1836.8 | 1836.8 |
| 62.5°  | 1603.3 | 1632.5 | 1745.8 | 1838.5 | 1713.2 | 1766.4 | 1654.8 | 1878.0 | 2042.8 | 1984.4 | 2003.3 |
| 65°    | 1462.6 | 1462.6 | 1593.0 | 1768.1 | 1685.7 | 1831.6 | 1793.9 | 2061.7 | 2168.1 | 2133.8 | 2173.2 |
| 67.5°  | 1270.3 | 1273.7 | 1409.3 | 1630.8 | 1635.9 | 1864.2 | 1905.4 | 2205.8 | 2298.5 | 2272.8 | 2302.0 |
| 70°    | 1078.0 | 1079.8 | 1193.0 | 1442.0 | 1526.1 | 1852.2 | 2001.6 | 2302.0 | 2362.1 | 2365.5 | 2379.2 |
| 72.5°  | 806.8  | 836.0  | 942.4  | 1170.7 | 1335.5 | 1802.4 | 2051.4 | 2329.4 | 2360.3 | 2365.5 | 2320.9 |
| 75°    | 434.3  | 448.0  | 566.5  | 762.2  | 992.2  | 1598.2 | 2035.9 | 2300.3 | 2277.9 | 2217.9 | 2101.1 |
| 77.5°  | 151.1  | 157.9  | 199.1  | 333.0  | 563.0  | 1131.2 | 1888.3 | 2173.2 | 2101.1 | 1912.3 | 1740.6 |
| 80°    | 97.8   | 97.8   | 108.1  | 159.6  | 255.8  | 535.6  | 1466.0 | 1862.5 | 1692.6 | 1289.2 | 1129.5 |
| 82.5°  | 68.7   | 70.4   | 79.0   | 106.4  | 164.8  | 230.0  | 762.2  | 945.9  | 932.1  | 642.0  | 540.7  |
| 85°    | 49.8   | 51.5   | 54.9   | 61.8   | 113.3  | 142.5  | 297.0  | 454.9  | 420.6  | 230.0  | 216.3  |
| 87.5°  | 22.3   | 25.7   | 22.3   | 27.5   | 44.6   | 87.5   | 142.5  | 140.8  | 133.9  | 152.8  | 156.2  |
| 90°    | 17.2   | 17.2   | 13.7   | 15.4   | 30.9   | 79.0   | 132.2  | 127.0  | 135.6  | 166.5  | 164.8  |
| 92.5°  | 17.2   | 17.2   | 13.7   | 15.4   | 29.2   | 79.0   | 139.0  | 123.6  | 140.8  | 178.5  | 180.2  |
| 95°    | 17.2   | 18.9   | 13.7   | 13.7   | 24.0   | 80.7   | 147.6  | 132.2  | 149.3  | 194.0  | 194.0  |
| 97.5°  | 15.4   | 15.4   | 10.3   | 12.0   | 18.9   | 73.8   | 147.6  | 113.3  | 109.9  | 156.2  | 154.5  |
| 100°   | 12.0   | 13.7   | 6.9    | 10.3   | 13.7   | 44.6   | 109.9  | 70.4   | 30.9   | 36.0   | 54.9   |
| 102.5° | 12.0   | 12.0   | 6.9    | 8.6    | 10.3   | 18.9   | 58.4   | 41.2   | 8.6    | 12.0   | 12.0   |
| 105°   | 12.0   | 13.7   | 6.9    | 6.9    | 6.9    | 8.6    | 27.5   | 20.6   | 6.9    | 10.3   | 12.0   |
| 107.5° | 13.7   | 13.7   | 5.1    | 5.1    | 5.1    | 5.1    | 10.3   | 8.6    | 6.9    | 12.0   | 13.7   |
| 110°   | 13.7   | 13.7   | 5.1    | 5.1    | 3.4    | 3.4    | 5.1    | 5.1    | 6.9    | 12.0   | 13.7   |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 82.5° | 85°  |
|--------|------|------|-----|-----|-----|-----|-----|-----|-----|-------|------|
| 112.5° | 12.0 | 12.0 | 5.1 | 5.1 | 3.4 | 3.4 | 3.4 | 5.1 | 6.9 | 10.3  | 12.0 |
| 115°   | 8.6  | 8.6  | 3.4 | 5.1 | 3.4 | 3.4 | 3.4 | 5.1 | 5.1 | 8.6   | 10.3 |
| 117.5° | 8.6  | 6.9  | 3.4 | 3.4 | 1.7 | 3.4 | 3.4 | 5.1 | 6.9 | 12.0  | 12.0 |
| 120°   | 8.6  | 8.6  | 3.4 | 1.7 | 1.7 | 1.7 | 1.7 | 3.4 | 8.6 | 13.7  | 15.4 |
| 122.5° | 8.6  | 8.6  | 3.4 | 1.7 | 1.7 | 1.7 | 1.7 | 3.4 | 8.6 | 13.7  | 15.4 |
| 125°   | 10.3 | 8.6  | 5.1 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 6.9 | 12.0  | 13.7 |
| 127.5° | 8.6  | 8.6  | 5.1 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 5.1 | 10.3  | 12.0 |
| 130°   | 8.6  | 8.6  | 5.1 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 5.1 | 8.6   | 8.6  |
| 132.5° | 6.9  | 6.9  | 5.1 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 3.4 | 6.9   | 6.9  |
| 135°   | 6.9  | 6.9  | 3.4 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 5.1   | 5.1  |
| 137.5° | 3.4  | 3.4  | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7   | 1.7  |
| 140°   | 0.0  | 1.7  | 0.0 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7   | 1.7  |
| 142.5° | 0.0  | 0.0  | 0.0 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7   | 1.7  |
| 145°   | 0.0  | 0.0  | 0.0 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7   | 1.7  |
| 147.5° | 1.7  | 1.7  | 1.7 | 3.4 | 3.4 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7   | 1.7  |
| 150°   | 5.1  | 5.1  | 5.1 | 3.4 | 3.4 | 1.7 | 3.4 | 1.7 | 1.7 | 1.7   | 1.7  |
| 152.5° | 5.1  | 5.1  | 6.9 | 3.4 | 1.7 | 1.7 | 1.7 | 3.4 | 1.7 | 1.7   | 1.7  |
| 155°   | 3.4  | 3.4  | 3.4 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 3.4 | 3.4   | 5.1  |
| 157.5° | 1.7  | 1.7  | 1.7 | 0.0 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7   | 1.7  |
| 160°   | 0.0  | 0.0  | 0.0 | 0.0 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7   | 1.7  |
| 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°     | 489.2  | 489.2  | 489.2 | 489.2 | 489.2 | 489.2 | 489.2 | 489.2 | 489.2 | 489.2 | 489.2 |
| 2.5°   | 485.8  | 489.2  | 491.0 | 496.1 | 496.1 | 496.1 | 484.1 | 454.9 | 454.9 | 456.6 | 458.3 |
| 5°     | 478.9  | 482.4  | 489.2 | 465.2 | 441.2 | 439.5 | 448.0 | 453.2 | 454.9 | 456.6 | 453.2 |
| 7.5°   | 424.0  | 430.9  | 427.4 | 429.2 | 441.2 | 453.2 | 463.5 | 456.6 | 439.5 | 427.4 | 430.9 |
| 10°    | 377.7  | 384.5  | 346.8 | 350.2 | 363.9 | 398.3 | 454.9 | 473.8 | 485.8 | 491.0 | 491.0 |
| 12.5°  | 331.3  | 336.5  | 303.8 | 351.9 | 327.9 | 381.1 | 442.9 | 489.2 | 442.9 | 424.0 | 424.0 |
| 15°    | 379.4  | 389.7  | 350.2 | 312.4 | 319.3 | 386.2 | 339.9 | 466.9 | 480.7 | 484.1 | 487.5 |
| 17.5°  | 324.4  | 317.6  | 324.4 | 329.6 | 358.8 | 300.4 | 389.7 | 439.5 | 412.0 | 401.7 | 406.8 |
| 20°    | 408.6  | 415.4  | 379.4 | 324.4 | 327.9 | 382.8 | 346.8 | 393.1 | 468.6 | 470.4 | 473.8 |
| 22.5°  | 310.7  | 319.3  | 339.9 | 386.2 | 338.2 | 370.8 | 365.6 | 408.6 | 382.8 | 384.5 | 398.3 |
| 25°    | 456.6  | 463.5  | 427.4 | 345.0 | 369.1 | 334.7 | 369.1 | 363.9 | 429.2 | 432.6 | 432.6 |
| 27.5°  | 559.6  | 544.2  | 466.9 | 389.7 | 324.4 | 353.6 | 333.0 | 346.8 | 331.3 | 377.7 | 384.5 |
| 30°    | 666.0  | 666.0  | 606.0 | 434.3 | 343.3 | 300.4 | 303.8 | 329.6 | 367.4 | 374.2 | 374.2 |
| 32.5°  | 698.7  | 696.9  | 619.7 | 470.4 | 338.2 | 310.7 | 279.8 | 310.7 | 375.9 | 408.6 | 412.0 |
| 35°    | 745.0  | 738.1  | 643.7 | 458.3 | 326.2 | 283.2 | 264.4 | 312.4 | 360.5 | 365.6 | 362.2 |
| 37.5°  | 803.4  | 786.2  | 672.9 | 436.0 | 298.7 | 266.1 | 254.1 | 281.5 | 322.7 | 322.7 | 322.7 |
| 40°    | 875.5  | 848.0  | 683.2 | 405.1 | 269.5 | 243.8 | 231.7 | 260.9 | 288.4 | 272.9 | 267.8 |
| 42.5°  | 973.3  | 932.1  | 691.8 | 382.8 | 243.8 | 224.9 | 209.4 | 236.9 | 250.6 | 242.0 | 238.6 |
| 45°    | 1064.3 | 1002.5 | 705.5 | 358.8 | 223.2 | 207.7 | 194.0 | 218.0 | 228.3 | 219.7 | 218.0 |
| 47.5°  | 1172.4 | 1090.0 | 707.2 | 336.5 | 207.7 | 194.0 | 183.7 | 204.3 | 211.1 | 211.1 | 209.4 |
| 50°    | 1284.0 | 1174.2 | 721.0 | 317.6 | 192.3 | 180.2 | 178.5 | 194.0 | 199.1 | 195.7 | 194.0 |
| 52.5°  | 1411.1 | 1268.6 | 726.1 | 293.5 | 173.4 | 164.8 | 173.4 | 183.7 | 199.1 | 200.8 | 200.8 |
| 55°    | 1546.7 | 1356.1 | 722.7 | 260.9 | 159.6 | 156.2 | 168.2 | 190.5 | 204.3 | 194.0 | 192.3 |
| 57.5°  | 1678.8 | 1443.7 | 724.4 | 224.9 | 145.9 | 152.8 | 169.9 | 199.1 | 209.4 | 197.4 | 192.3 |
| 60°    | 1797.3 | 1522.6 | 700.4 | 192.3 | 135.6 | 144.2 | 176.8 | 207.7 | 204.3 | 207.7 | 202.6 |
| 62.5°  | 1943.2 | 1605.0 | 631.7 | 171.7 | 127.0 | 140.8 | 176.8 | 212.9 | 199.1 | 212.9 | 212.9 |
| 65°    | 2063.4 | 1666.8 | 533.9 | 154.5 | 120.2 | 140.8 | 178.5 | 214.6 | 194.0 | 216.3 | 216.3 |
| 67.5°  | 2114.9 | 1665.1 | 386.2 | 140.8 | 111.6 | 137.3 | 178.5 | 221.4 | 199.1 | 223.2 | 221.4 |
| 70°    | 2094.3 | 1608.5 | 272.9 | 130.5 | 106.4 | 139.0 | 185.4 | 226.6 | 204.3 | 236.9 | 235.2 |
| 72.5°  | 1955.2 | 1474.6 | 197.4 | 121.9 | 99.6  | 132.2 | 190.5 | 233.5 | 209.4 | 257.5 | 257.5 |
| 75°    | 1721.8 | 1232.5 | 159.6 | 113.3 | 92.7  | 130.5 | 192.3 | 236.9 | 212.9 | 260.9 | 260.9 |
| 77.5°  | 1316.6 | 885.8  | 133.9 | 104.7 | 85.8  | 127.0 | 190.5 | 242.0 | 211.1 | 260.9 | 260.9 |
| 80°    | 789.6  | 504.7  | 111.6 | 94.4  | 87.5  | 125.3 | 194.0 | 242.0 | 211.1 | 257.5 | 257.5 |
| 82.5°  | 363.9  | 231.7  | 99.6  | 79.0  | 82.4  | 123.6 | 197.4 | 238.6 | 202.6 | 257.5 | 247.2 |
| 85°    | 202.6  | 163.1  | 85.8  | 66.9  | 73.8  | 116.7 | 187.1 | 214.6 | 182.0 | 212.9 | 209.4 |
| 87.5°  | 151.1  | 127.0  | 54.9  | 34.3  | 48.1  | 82.4  | 144.2 | 169.9 | 137.3 | 164.8 | 163.1 |
| 90°    | 161.4  | 133.9  | 49.8  | 34.3  | 51.5  | 75.5  | 135.6 | 151.1 | 127.0 | 152.8 | 151.1 |
| 92.5°  | 173.4  | 140.8  | 49.8  | 36.0  | 58.4  | 82.4  | 135.6 | 147.6 | 125.3 | 139.0 | 140.8 |
| 95°    | 182.0  | 145.9  | 48.1  | 39.5  | 61.8  | 89.3  | 132.2 | 135.6 | 115.0 | 120.2 | 125.3 |
| 97.5°  | 142.5  | 109.9  | 42.9  | 41.2  | 60.1  | 72.1  | 108.1 | 106.4 | 79.0  | 73.8  | 73.8  |
| 100°   | 44.6   | 30.9   | 37.8  | 42.9  | 36.0  | 34.3  | 63.5  | 75.5  | 46.3  | 30.9  | 29.2  |
| 102.5° | 13.7   | 12.0   | 34.3  | 41.2  | 27.5  | 15.4  | 34.3  | 48.1  | 34.3  | 5.1   | 6.9   |
| 105°   | 13.7   | 13.7   | 22.3  | 34.3  | 18.9  | 6.9   | 13.7  | 25.7  | 20.6  | 5.1   | 5.1   |
| 107.5° | 13.7   | 12.0   | 8.6   | 18.9  | 6.9   | 5.1   | 6.9   | 6.9   | 6.9   | 5.1   | 5.1   |
| 110°   | 13.7   | 13.7   | 6.9   | 6.9   | 5.1   | 5.1   | 5.1   | 3.4   | 3.4   | 8.6   | 8.6   |



REPORT NUMBER: P560498

CATALOG NUMBER: SDL-PA1-50-722-U-T3-A

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 13.7 | 13.7 | 6.9  | 6.9  | 5.1  | 5.1  | 3.4  | 3.4  | 5.1  | 12.0 | 12.0 |
| 115°   | 12.0 | 12.0 | 6.9  | 5.1  | 3.4  | 5.1  | 3.4  | 3.4  | 5.1  | 13.7 | 13.7 |
| 117.5° | 13.7 | 13.7 | 6.9  | 5.1  | 3.4  | 3.4  | 3.4  | 1.7  | 5.1  | 15.4 | 17.2 |
| 120°   | 17.2 | 15.4 | 8.6  | 3.4  | 3.4  | 3.4  | 3.4  | 3.4  | 6.9  | 13.7 | 15.4 |
| 122.5° | 17.2 | 17.2 | 8.6  | 3.4  | 1.7  | 1.7  | 1.7  | 3.4  | 6.9  | 13.7 | 15.4 |
| 125°   | 15.4 | 15.4 | 8.6  | 3.4  | 1.7  | 1.7  | 1.7  | 1.7  | 6.9  | 12.0 | 12.0 |
| 127.5° | 13.7 | 13.7 | 6.9  | 3.4  | 1.7  | 1.7  | 1.7  | 1.7  | 5.1  | 10.3 | 12.0 |
| 130°   | 10.3 | 10.3 | 5.1  | 3.4  | 1.7  | 1.7  | 1.7  | 1.7  | 5.1  | 8.6  | 10.3 |
| 132.5° | 8.6  | 8.6  | 5.1  | 3.4  | 1.7  | 1.7  | 1.7  | 1.7  | 5.1  | 6.9  | 8.6  |
| 135°   | 5.1  | 5.1  | 3.4  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 3.4  | 5.1  | 6.9  |
| 137.5° | 3.4  | 3.4  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 3.4  | 3.4  |
| 140°   | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 0.0  | 1.7  | 1.7  | 1.7  | 1.7  |
| 142.5° | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 0.0  | 1.7  | 1.7  | 1.7  | 1.7  |
| 145°   | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  |
| 147.5° | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  |
| 150°   | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 3.4  | 3.4  | 5.1  | 3.4  |
| 152.5° | 1.7  | 1.7  | 1.7  | 3.4  | 1.7  | 0.0  | 0.0  | 3.4  | 3.4  | 5.1  | 5.1  |
| 155°   | 5.1  | 5.1  | 3.4  | 1.7  | 1.7  | 0.0  | 0.0  | 0.0  | 3.4  | 3.4  | 3.4  |
| 157.5° | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 0.0  | 0.0  | 0.0  | 1.7  | 1.7  | 1.7  |
| 160°   | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 0.0  | 0.0  | 0.0  | 0.0  | 1.7  | 1.7  |
| 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  |

(END OF REPORT)