

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: P559987

Luminaire Tested: **SDL-PA1-20-727-U-T2R**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559987  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: SDL-PA1-20-727-U-T2R  
Description: Springdale  
(1) 70 CRI, 2700K, 260mA LIGHT ENGINE WITH 24 LEDS AND TYPE II R OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2283.1 lumens  
Efficiency: N/A  
Efficacy: 108.7 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')  
IES Classification: Type II - Medium  
BUG Rating: B0 - U0 - G1

Input Watts (W): 21  
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

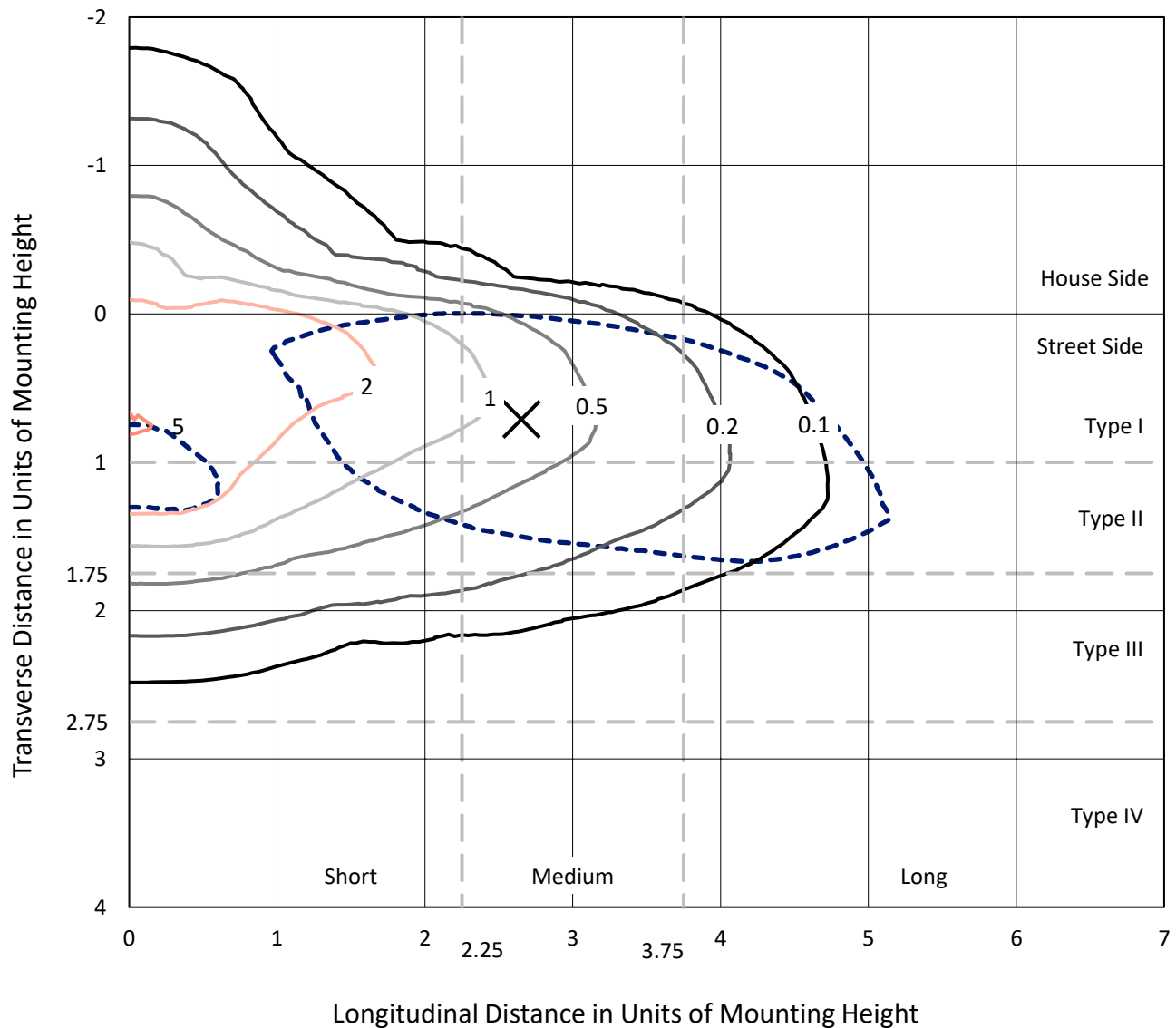


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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

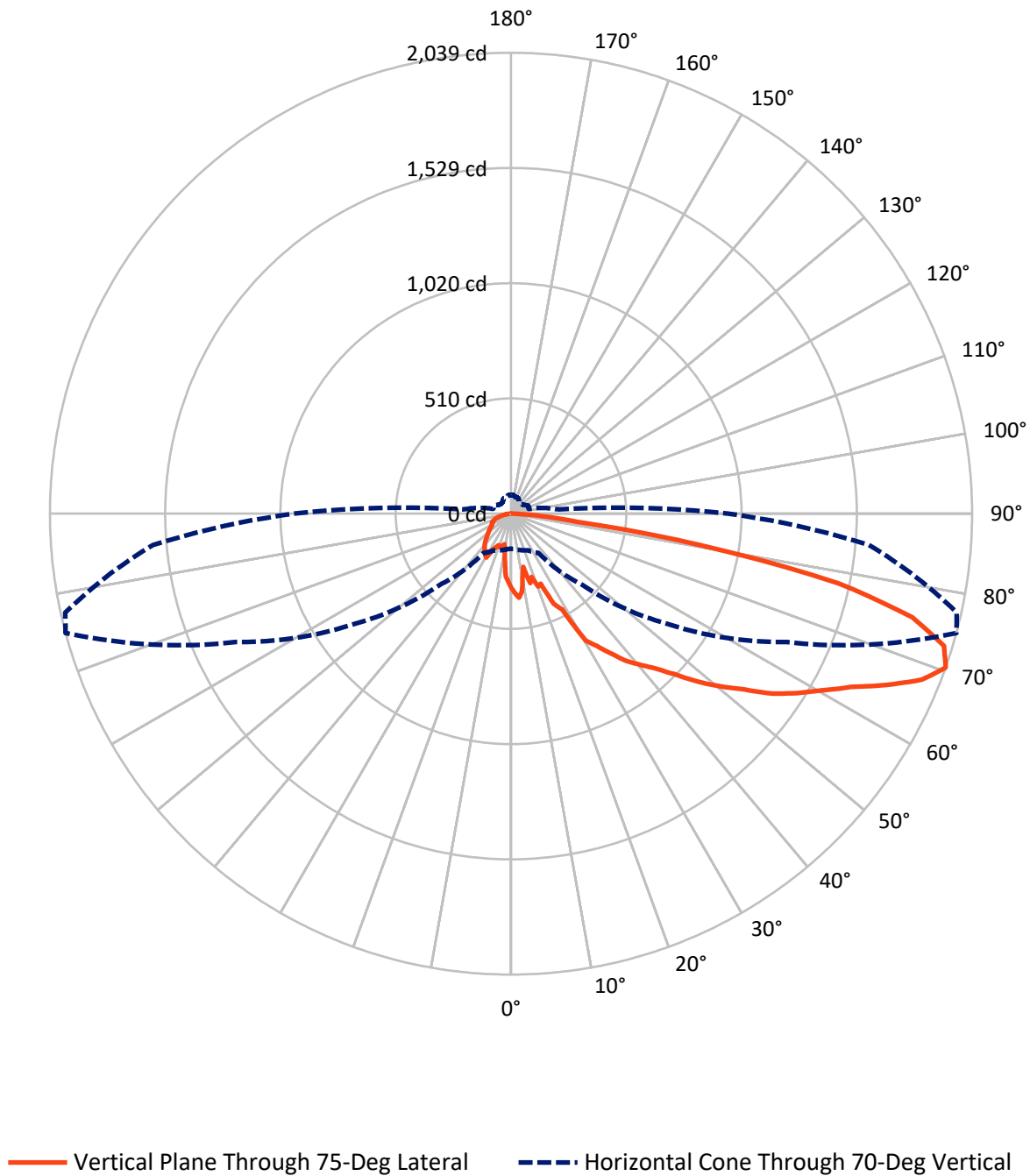


Based on 10 foot mounting height. Maximum calculated value = 5.2 fc  
 Type II - Medium - N/A

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## Luminous Intensity Polar Plot



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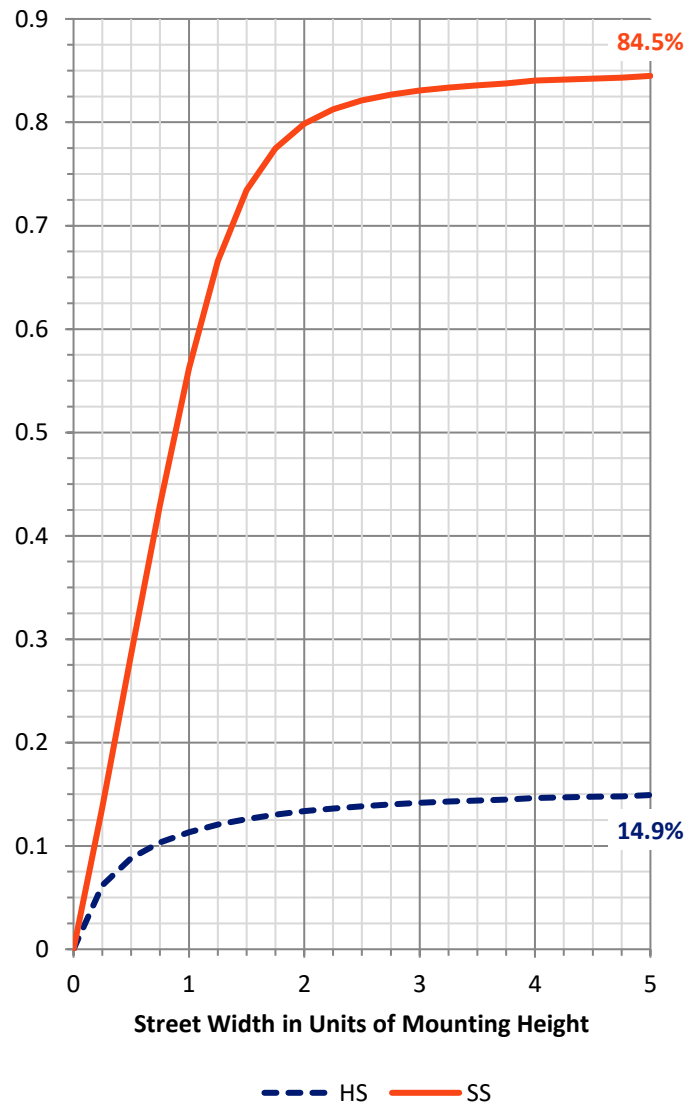
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 347.3    | 0.0    | 347.3  |
|                    | % Fixture | 15.2     | 0.0    | 15.2   |
| <b>Street Side</b> | Lumens    | 1935.8   | 0.0    | 1935.8 |
|                    | % Fixture | 84.8     | 0.0    | 84.8   |
| <b>Total</b>       | Lumens    | 2283.1   | 0.0    | 2283.1 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 27.3   | 1.2       |
| 10°-20°   | 72.5   | 3.2       |
| 20°-30°   | 132.6  | 5.8       |
| 30°-40°   | 269.2  | 11.8      |
| 40°-50°   | 413.1  | 18.1      |
| 50°-60°   | 498.1  | 21.8      |
| 60°-70°   | 481.7  | 21.1      |
| 70°-80°   | 334.1  | 14.6      |
| 80°-90°   | 54.6   | 2.4       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 2283.1 | 100.0     |
| 0°-180°   | 2283.1 | 100.0     |

**Coefficient of Utilization**



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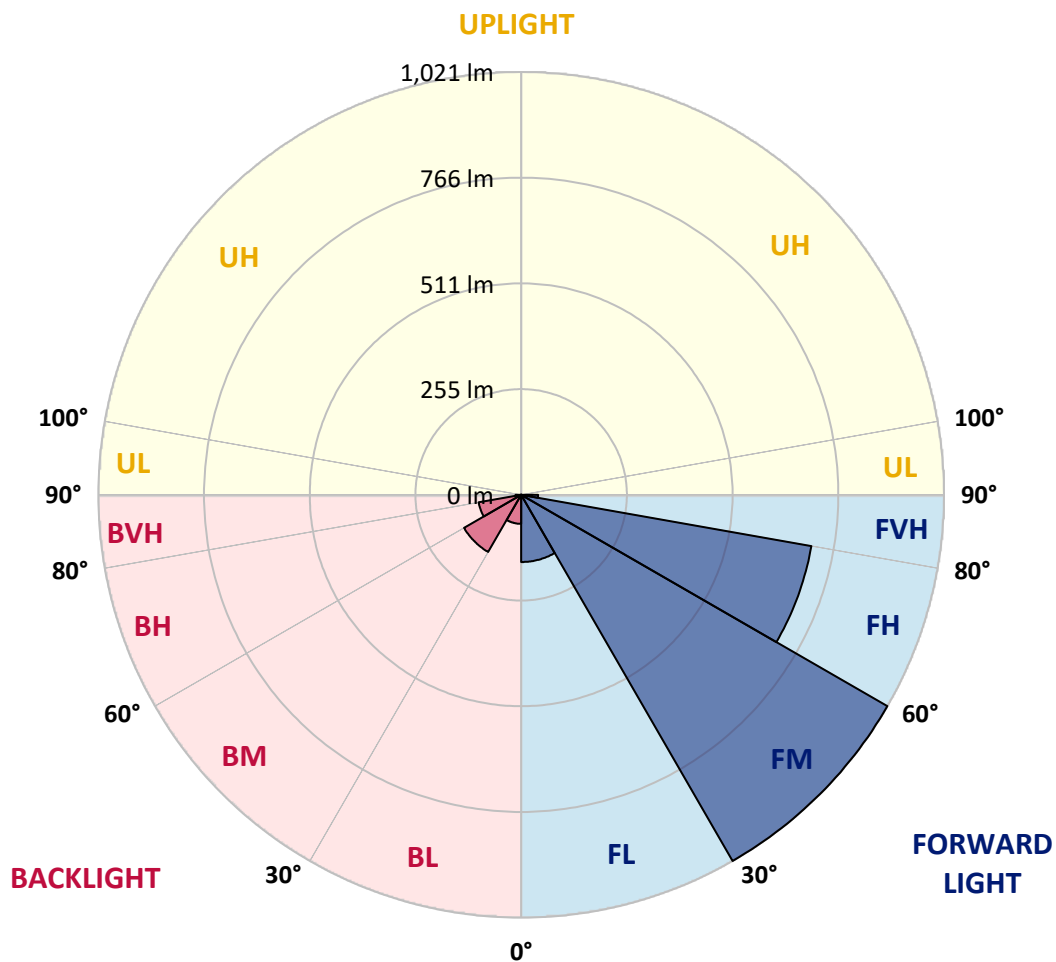
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 162.3  | 7.1       |                         |      |         |
| FM   | (30°-60°)   | 1021.1 | 44.7      |                         |      |         |
| FH   | (60°-80°)   | 711.6  | 31.2      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 40.9   | 1.8       |                         |      | G1/100  |
| BL   | (0°-30°)    | 70.1   | 3.1       | B0/110                  |      |         |
| BM   | (30°-60°)   | 159.3  | 7.0       | B0/220                  |      |         |
| BH   | (60°-80°)   | 104.2  | 4.6       | B0/110                  |      | G0/110  |
| BVH  | (80°-90°)   | 13.7   | 0.6       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B0-U0-G1**

Type II Medium



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°   | 45°   | 55°    | 65°    | 75°    | 77.5°  | 85°    |
|--------|--------|--------|--------|--------|-------|-------|--------|--------|--------|--------|--------|
| 0°     | 330.0  | 330.0  | 330.0  | 330.0  | 330.0 | 330.0 | 330.0  | 330.0  | 330.0  | 330.0  | 330.0  |
| 2.5°   | 342.5  | 375.3  | 359.3  | 377.8  | 387.0 | 381.2 | 376.1  | 363.5  | 352.6  | 348.4  | 337.5  |
| 5°     | 377.8  | 377.0  | 372.8  | 371.1  | 363.5 | 354.3 | 346.7  | 388.7  | 373.6  | 366.1  | 346.7  |
| 7.5°   | 335.0  | 363.5  | 384.5  | 395.4  | 395.4 | 384.5 | 372.8  | 321.6  | 347.6  | 340.9  | 313.2  |
| 10°    | 420.6  | 420.6  | 419.8  | 420.6  | 345.1 | 363.5 | 312.3  | 290.5  | 281.3  | 303.1  | 281.3  |
| 12.5°  | 357.7  | 388.7  | 424.0  | 436.6  | 402.2 | 343.4 | 319.9  | 307.3  | 241.0  | 235.9  | 249.4  |
| 15°    | 420.6  | 423.1  | 426.5  | 375.3  | 319.0 | 364.4 | 278.7  | 276.2  | 319.0  | 311.5  | 314.8  |
| 17.5°  | 337.5  | 340.9  | 413.9  | 404.7  | 371.1 | 276.2 | 347.6  | 310.6  | 294.7  | 284.6  | 283.8  |
| 20°    | 425.7  | 427.3  | 426.5  | 319.9  | 342.5 | 376.1 | 360.2  | 273.7  | 343.4  | 347.6  | 351.8  |
| 22.5°  | 360.2  | 361.0  | 365.2  | 407.2  | 346.7 | 392.1 | 324.9  | 408.0  | 336.7  | 346.7  | 261.9  |
| 25°    | 484.4  | 484.4  | 469.3  | 366.9  | 419.8 | 357.7 | 395.4  | 350.9  | 441.6  | 429.9  | 393.8  |
| 27.5°  | 451.7  | 448.3  | 430.7  | 454.2  | 378.6 | 452.5 | 391.2  | 440.8  | 479.4  | 462.6  | 477.7  |
| 30°    | 634.7  | 638.9  | 616.2  | 471.8  | 460.9 | 434.1 | 450.9  | 522.2  | 652.3  | 643.1  | 574.3  |
| 32.5°  | 849.6  | 810.2  | 706.9  | 611.2  | 503.7 | 529.8 | 503.7  | 616.2  | 698.5  | 700.2  | 607.9  |
| 35°    | 953.8  | 950.4  | 905.9  | 721.2  | 579.3 | 579.3 | 565.0  | 643.1  | 758.1  | 747.2  | 644.0  |
| 37.5°  | 1036.9 | 1031.8 | 1000.8 | 815.2  | 647.3 | 644.0 | 597.8  | 684.3  | 826.1  | 798.4  | 683.4  |
| 40°    | 1107.4 | 1100.7 | 1073.8 | 880.7  | 721.2 | 705.2 | 638.1  | 731.3  | 879.0  | 881.6  | 721.2  |
| 42.5°  | 1154.4 | 1151.9 | 1132.6 | 940.3  | 782.5 | 753.9 | 691.8  | 791.7  | 935.3  | 949.6  | 768.2  |
| 45°    | 1191.4 | 1190.5 | 1173.7 | 1005.8 | 826.1 | 798.4 | 748.9  | 837.1  | 1012.5 | 1020.9 | 818.6  |
| 47.5°  | 1195.6 | 1198.9 | 1198.9 | 1038.6 | 856.4 | 837.9 | 807.7  | 877.4  | 1110.8 | 1093.1 | 877.4  |
| 50°    | 1151.9 | 1155.3 | 1176.2 | 1093.1 | 882.4 | 870.6 | 858.0  | 926.1  | 1200.6 | 1174.6 | 939.5  |
| 52.5°  | 1040.2 | 1047.8 | 1104.9 | 1066.3 | 895.8 | 895.0 | 905.1  | 989.0  | 1292.1 | 1264.4 | 1021.8 |
| 55°    | 800.1  | 805.2  | 947.0  | 987.3  | 891.6 | 900.9 | 940.3  | 1067.1 | 1405.4 | 1381.1 | 1108.2 |
| 57.5°  | 611.2  | 625.5  | 714.5  | 837.9  | 845.5 | 895.8 | 963.0  | 1121.7 | 1497.0 | 1472.6 | 1188.0 |
| 60°    | 492.0  | 502.1  | 554.1  | 662.4  | 746.4 | 874.0 | 994.1  | 1189.7 | 1586.0 | 1574.2 | 1273.6 |
| 62.5°  | 385.4  | 392.1  | 428.2  | 499.5  | 606.2 | 822.8 | 1013.4 | 1263.6 | 1688.4 | 1682.5 | 1385.3 |
| 65°    | 276.2  | 282.9  | 314.8  | 361.9  | 468.5 | 726.2 | 1004.1 | 1334.1 | 1826.1 | 1820.2 | 1493.6 |
| 67.5°  | 201.5  | 203.2  | 224.2  | 256.1  | 332.5 | 587.7 | 958.8  | 1378.6 | 1960.4 | 1948.7 | 1576.7 |
| 70°    | 155.3  | 157.0  | 167.1  | 178.8  | 212.4 | 445.0 | 853.0  | 1345.0 | 2039.3 | 2019.2 | 1589.3 |
| 72.5°  | 125.9  | 125.9  | 130.1  | 136.0  | 145.2 | 290.5 | 670.0  | 1213.2 | 2002.4 | 1962.9 | 1484.4 |
| 75°    | 105.8  | 105.8  | 108.3  | 106.6  | 101.6 | 181.3 | 466.0  | 1013.4 | 1833.6 | 1784.1 | 1292.1 |
| 77.5°  | 89.0   | 88.2   | 88.2   | 89.0   | 78.9  | 123.4 | 284.6  | 780.8  | 1481.8 | 1434.0 | 958.0  |
| 80°    | 73.0   | 73.0   | 73.0   | 73.0   | 64.6  | 88.2  | 169.6  | 518.0  | 851.3  | 743.0  | 439.1  |
| 82.5°  | 53.7   | 54.6   | 57.1   | 57.1   | 53.7  | 64.6  | 88.2   | 216.6  | 291.3  | 257.7  | 155.3  |
| 85°    | 25.2   | 26.0   | 33.6   | 35.3   | 34.4  | 31.9  | 46.2   | 97.4   | 136.0  | 123.4  | 36.1   |
| 87.5°  | 0.8    | 0.8    | 3.4    | 7.6    | 6.7   | 5.0   | 9.2    | 13.4   | 5.0    | 5.9    | 4.2    |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 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):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 77.5° | 85° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 115°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 120°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 125°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 130°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 135°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 140°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 145°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 150°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 155°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 160°   | 0.0 | 0.0 | 0.0 | 0.0 | 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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**CANDELA DISTRIBUTION (continued):**

|        | 90°    | 95°   | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 330.0  | 330.0 | 330.0 | 330.0 | 330.0 | 330.0 | 330.0 | 330.0 | 330.0 | 330.0 | 330.0 |
| 2.5°   | 330.0  | 322.4 | 304.8 | 289.7 | 273.7 | 262.8 | 238.4 | 220.8 | 211.6 | 209.9 | 212.4 |
| 5°     | 331.6  | 314.8 | 279.6 | 235.1 | 201.5 | 193.1 | 189.7 | 188.9 | 188.1 | 188.1 | 188.1 |
| 7.5°   | 292.2  | 270.3 | 217.4 | 184.7 | 189.7 | 189.7 | 189.7 | 187.2 | 172.1 | 165.4 | 165.4 |
| 10°    | 257.7  | 229.2 | 162.0 | 149.4 | 150.3 | 157.8 | 178.0 | 199.0 | 203.2 | 204.0 | 204.9 |
| 12.5°  | 223.3  | 195.6 | 137.7 | 145.2 | 131.0 | 155.3 | 183.9 | 204.9 | 184.7 | 174.6 | 174.6 |
| 15°    | 281.3  | 241.8 | 159.5 | 127.6 | 129.3 | 155.3 | 140.2 | 189.7 | 203.2 | 204.0 | 204.9 |
| 17.5°  | 253.6  | 213.3 | 148.6 | 134.3 | 141.9 | 118.4 | 160.4 | 179.7 | 165.4 | 163.7 | 162.0 |
| 20°    | 308.1  | 253.6 | 155.3 | 133.5 | 132.7 | 143.6 | 136.0 | 136.0 | 184.7 | 184.7 | 184.7 |
| 22.5°  | 228.4  | 188.1 | 151.1 | 150.3 | 126.8 | 141.9 | 135.2 | 151.1 | 145.2 | 142.7 | 142.7 |
| 25°    | 335.0  | 265.3 | 165.4 | 131.8 | 136.0 | 125.1 | 139.4 | 124.3 | 153.6 | 155.3 | 155.3 |
| 27.5°  | 402.2  | 311.5 | 179.7 | 146.1 | 125.1 | 134.3 | 115.0 | 125.1 | 118.4 | 119.2 | 119.2 |
| 30°    | 479.4  | 365.2 | 223.3 | 152.8 | 128.5 | 110.8 | 114.2 | 108.3 | 128.5 | 125.9 | 125.1 |
| 32.5°  | 500.4  | 368.6 | 214.9 | 162.0 | 125.1 | 111.7 | 103.3 | 111.7 | 119.2 | 130.1 | 130.1 |
| 35°    | 524.7  | 371.9 | 203.2 | 154.5 | 122.6 | 104.1 | 102.4 | 111.7 | 120.9 | 117.5 | 117.5 |
| 37.5°  | 547.4  | 374.5 | 193.9 | 145.2 | 112.5 | 101.6 | 101.6 | 103.3 | 112.5 | 107.5 | 107.5 |
| 40°    | 573.4  | 375.3 | 183.0 | 135.2 | 104.1 | 99.9  | 94.0  | 95.7  | 96.6  | 93.2  | 92.4  |
| 42.5°  | 602.8  | 374.5 | 170.4 | 125.9 | 96.6  | 93.2  | 89.0  | 89.0  | 91.5  | 90.7  | 89.8  |
| 45°    | 634.7  | 373.6 | 157.0 | 115.0 | 88.2  | 84.0  | 81.4  | 91.5  | 95.7  | 95.7  | 94.0  |
| 47.5°  | 673.3  | 373.6 | 144.4 | 102.4 | 82.3  | 75.6  | 73.9  | 84.8  | 93.2  | 94.9  | 96.6  |
| 50°    | 717.8  | 371.9 | 132.7 | 93.2  | 76.4  | 70.5  | 73.0  | 84.0  | 90.7  | 93.2  | 92.4  |
| 52.5°  | 775.8  | 368.6 | 122.6 | 85.6  | 72.2  | 64.6  | 68.8  | 81.4  | 89.8  | 90.7  | 89.8  |
| 55°    | 826.1  | 356.8 | 112.5 | 82.3  | 68.8  | 61.3  | 66.3  | 80.6  | 88.2  | 88.2  | 88.2  |
| 57.5°  | 869.0  | 340.0 | 104.1 | 79.8  | 68.0  | 60.4  | 65.5  | 79.8  | 84.8  | 87.3  | 87.3  |
| 60°    | 921.0  | 319.0 | 98.2  | 78.9  | 67.2  | 59.6  | 64.6  | 78.9  | 83.1  | 86.5  | 86.5  |
| 62.5°  | 974.7  | 301.4 | 94.9  | 78.9  | 64.6  | 60.4  | 64.6  | 78.9  | 82.3  | 86.5  | 85.6  |
| 65°    | 1018.4 | 278.7 | 91.5  | 80.6  | 63.8  | 60.4  | 64.6  | 78.9  | 81.4  | 85.6  | 85.6  |
| 67.5°  | 1015.9 | 247.7 | 87.3  | 84.8  | 64.6  | 61.3  | 64.6  | 78.1  | 79.8  | 85.6  | 84.0  |
| 70°    | 958.8  | 211.6 | 80.6  | 84.0  | 67.2  | 61.3  | 63.8  | 75.6  | 76.4  | 84.0  | 81.4  |
| 72.5°  | 855.5  | 171.3 | 71.4  | 78.9  | 67.2  | 62.1  | 62.1  | 72.2  | 72.2  | 80.6  | 75.6  |
| 75°    | 716.2  | 131.8 | 58.8  | 69.7  | 63.8  | 63.8  | 58.8  | 68.0  | 66.3  | 71.4  | 66.3  |
| 77.5°  | 534.0  | 99.9  | 45.3  | 57.9  | 57.9  | 63.0  | 56.3  | 63.0  | 60.4  | 61.3  | 58.8  |
| 80°    | 222.5  | 60.4  | 34.4  | 45.3  | 49.5  | 61.3  | 53.7  | 57.1  | 51.2  | 51.2  | 49.5  |
| 82.5°  | 92.4   | 38.6  | 23.5  | 28.5  | 33.6  | 54.6  | 51.2  | 48.7  | 42.0  | 38.6  | 36.1  |
| 85°    | 33.6   | 21.0  | 16.0  | 19.3  | 21.8  | 37.8  | 36.9  | 31.1  | 24.3  | 26.9  | 21.8  |
| 87.5°  | 2.5    | 3.4   | 3.4   | 4.2   | 4.2   | 5.0   | 8.4   | 8.4   | 5.0   | 4.2   | 2.5   |
| 90°    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 92.5°  | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 95°    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 97.5°  | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 100°   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 102.5° | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 105°   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 107.5° | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 110°   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |



REPORT NUMBER: P559987

CATALOG NUMBER: SDL-PA1-20-727-U-T2R

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)