

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: P560146

Luminaire Tested: **SDL-PA1-30-722-U-T3-A**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P560146  
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-PA1-30-722-U-T3-A  
Description: Springdale  
(1) 70 CRI, 2200K, 375mA 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: 2616.7 lumens  
Efficiency: N/A  
Efficacy: 86.9 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 - G1

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

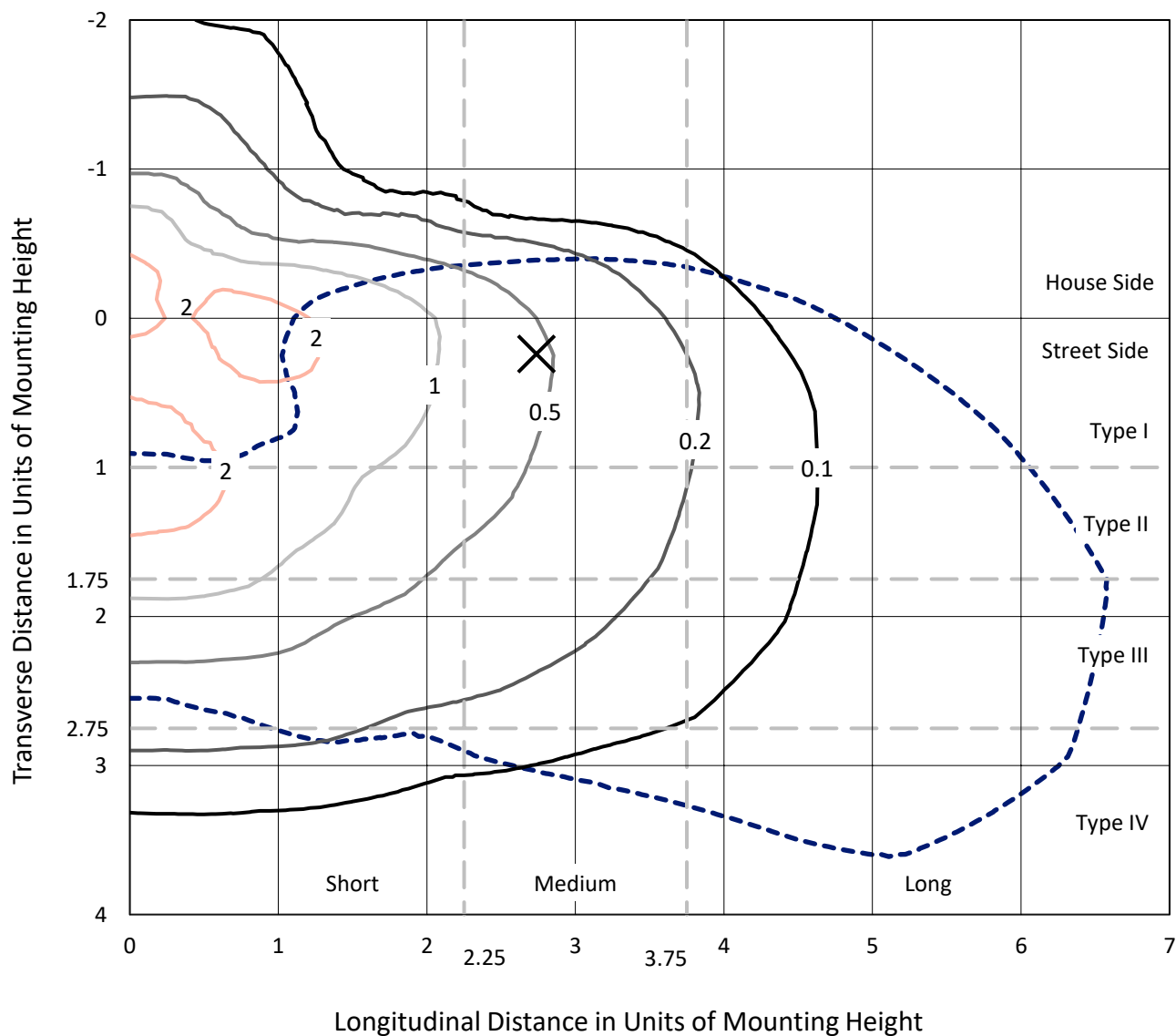


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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 --- 1/2 Max cd

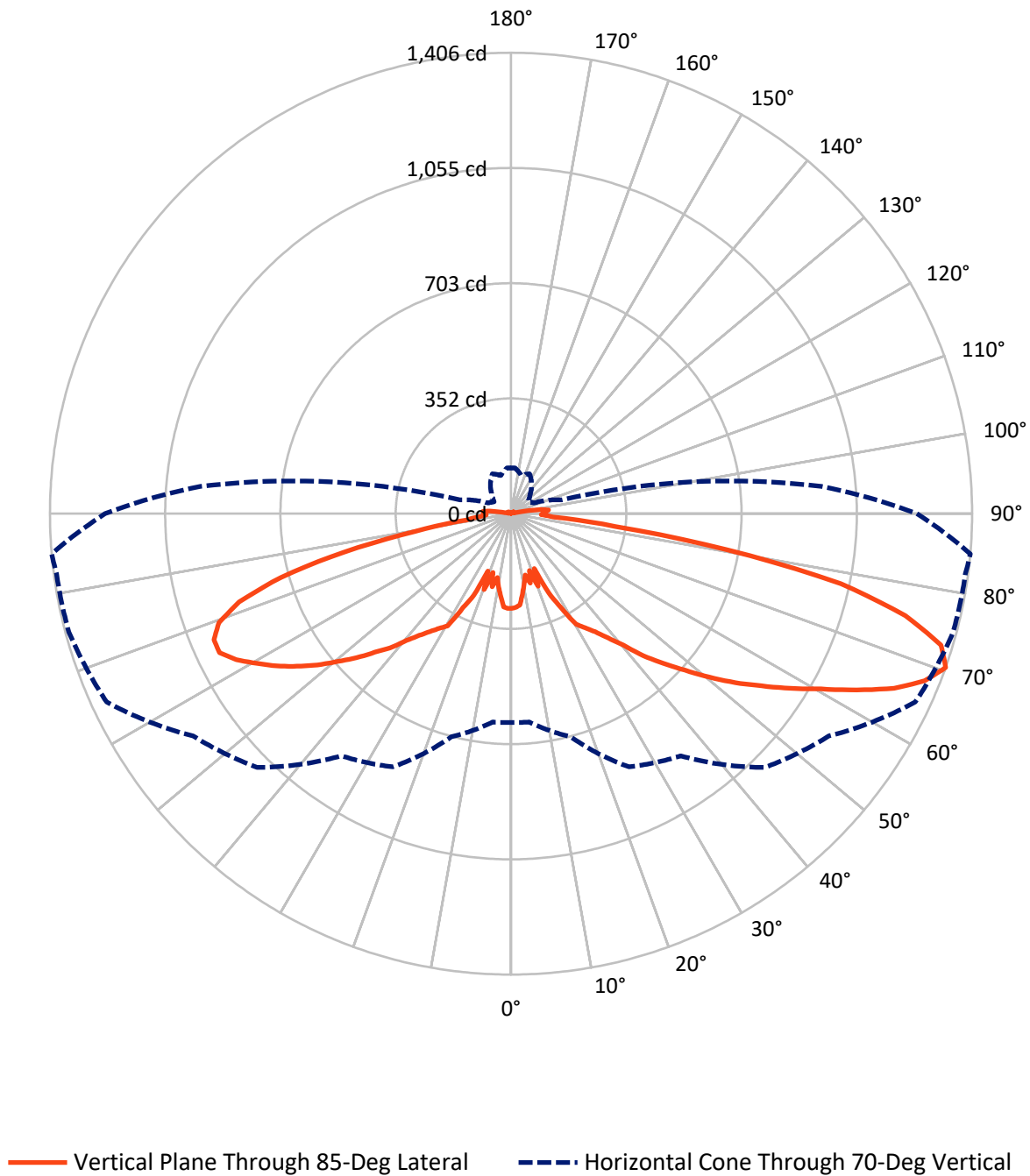


Based on 10 foot mounting height. Maximum calculated value = 3 fc  
 Type IV - Medium - N/A

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## Luminous Intensity Polar Plot



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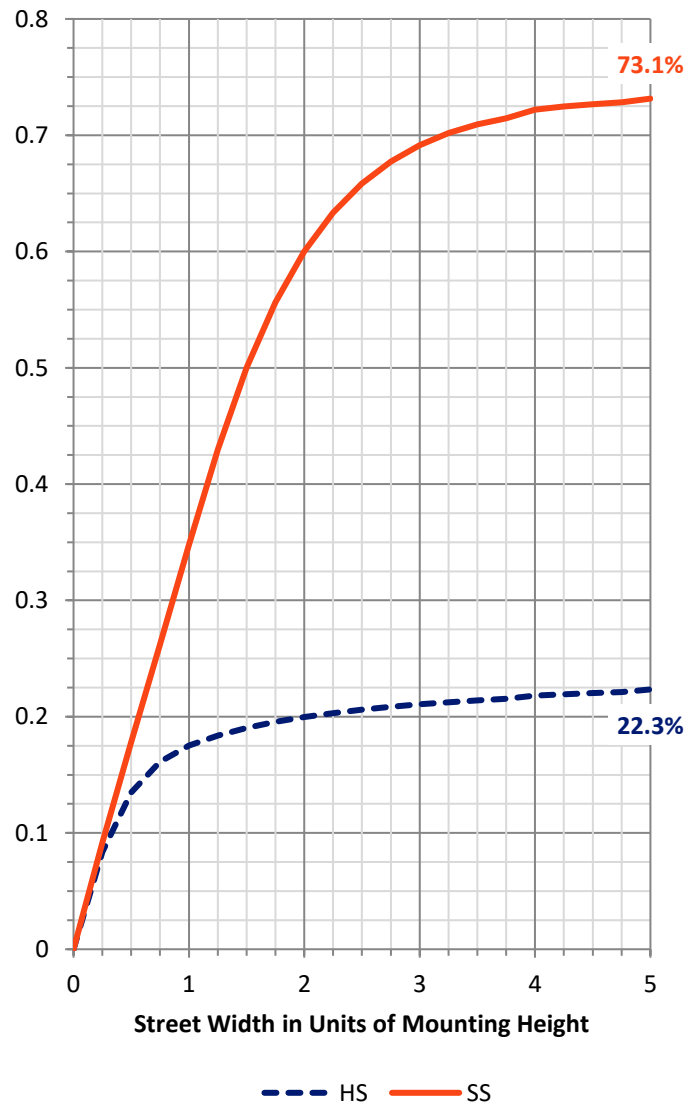
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 615.2    | 39.6   | 654.8  |
|                    | % Fixture | 23.5     | 1.5    | 25.0   |
| <b>Street Side</b> | Lumens    | 1928.4   | 33.5   | 1961.9 |
|                    | % Fixture | 73.7     | 1.3    | 75.0   |
| <b>Total</b>       | Lumens    | 2543.6   | 73.1   | 2616.7 |
|                    | % Fixture | 97.2     | 2.8    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 23.6   | 0.9       |
| 10°-20°   | 57.7   | 2.2       |
| 20°-30°   | 105.2  | 4.0       |
| 30°-40°   | 198.8  | 7.6       |
| 40°-50°   | 332.3  | 12.7      |
| 50°-60°   | 518.6  | 19.8      |
| 60°-70°   | 643.1  | 24.6      |
| 70°-80°   | 525.4  | 20.1      |
| 80°-90°   | 139.1  | 5.3       |
| 90°-100°  | 52.8   | 2.0       |
| 100°-110° | 11.3   | 0.4       |
| 110°-120° | 3.6    | 0.1       |
| 120°-130° | 2.8    | 0.1       |
| 130°-140° | 1.3    | 0.1       |
| 140°-150° | 0.6    | 0.0       |
| 150°-160° | 0.6    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 2543.6 | 97.2      |
| 0°-180°   | 2616.7 | 100.0     |

**Coefficient of Utilization**



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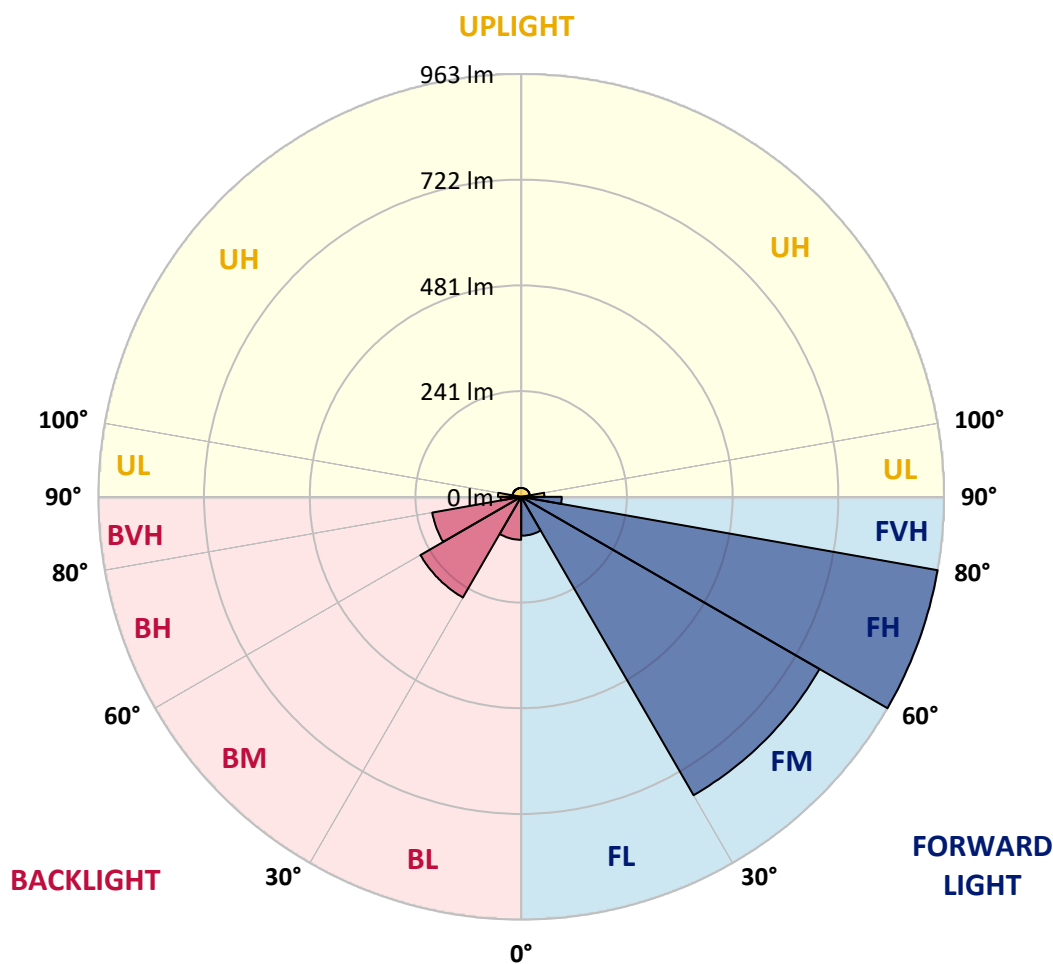
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 88.6   | 3.4       |                         |        |         |
| FM   | (30°-60°)   | 784.6  | 30.0      |                         |        |         |
| FH   | (60°-80°)   | 962.9  | 36.8      |                         |        | G1/1800 |
| FVH  | (80°-90°)   | 92.3   | 3.5       |                         |        | G1/100  |
| BL   | (0°-30°)    | 97.8   | 3.7       | B0/110                  |        |         |
| BM   | (30°-60°)   | 265.0  | 10.1      | B1/1000                 |        |         |
| BH   | (60°-80°)   | 205.6  | 7.9       | B1/500                  |        | G1/500  |
| BVH  | (80°-90°)   | 46.8   | 1.8       |                         |        | G1/100  |
| UL   | (90°-100°)  | 52.8   | 2.0       |                         | U3/500 |         |
| UH   | (100°-180°) | 20.3   | 0.8       |                         | U2/50  |         |

**BUG Rating: B1-U3-G1**

Type IV Medium



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 82.5°  | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 289.1  | 289.1  | 289.1  | 289.1  | 289.1  | 289.1  | 289.1  | 289.1  | 289.1  | 289.1  | 289.1  |
| 2.5°   | 239.4  | 262.7  | 258.7  | 265.8  | 269.8  | 275.9  | 280.0  | 282.0  | 284.0  | 286.1  | 286.1  |
| 5°     | 222.2  | 223.2  | 224.2  | 225.2  | 227.2  | 230.3  | 233.3  | 265.8  | 275.9  | 280.0  | 280.0  |
| 7.5°   | 202.9  | 201.9  | 205.9  | 211.0  | 218.1  | 222.2  | 225.2  | 226.2  | 237.4  | 246.5  | 248.5  |
| 10°    | 201.9  | 202.9  | 202.9  | 204.9  | 192.7  | 191.7  | 177.5  | 178.5  | 193.8  | 217.1  | 218.1  |
| 12.5°  | 175.5  | 180.6  | 191.7  | 199.8  | 187.7  | 168.4  | 165.4  | 173.5  | 162.3  | 190.7  | 191.7  |
| 15°    | 195.8  | 194.8  | 194.8  | 186.7  | 158.2  | 166.4  | 148.1  | 154.2  | 188.7  | 215.1  | 220.1  |
| 17.5°  | 170.4  | 168.4  | 188.7  | 182.6  | 164.3  | 139.0  | 166.4  | 164.3  | 170.4  | 185.6  | 182.6  |
| 20°    | 214.0  | 212.0  | 208.0  | 158.2  | 166.4  | 174.5  | 169.4  | 158.2  | 199.8  | 223.2  | 236.4  |
| 22.5°  | 199.8  | 201.9  | 212.0  | 200.9  | 171.4  | 179.6  | 160.3  | 194.8  | 188.7  | 179.6  | 181.6  |
| 25°    | 272.9  | 270.9  | 260.7  | 196.8  | 204.9  | 167.4  | 195.8  | 173.5  | 239.4  | 265.8  | 267.8  |
| 27.5°  | 251.6  | 248.5  | 241.4  | 247.5  | 208.0  | 219.1  | 190.7  | 227.2  | 264.8  | 311.4  | 325.6  |
| 30°    | 333.7  | 330.7  | 322.6  | 249.5  | 247.5  | 217.1  | 231.3  | 279.0  | 357.1  | 392.6  | 391.6  |
| 32.5°  | 430.1  | 407.8  | 358.1  | 319.5  | 264.8  | 282.0  | 264.8  | 328.7  | 380.4  | 414.9  | 414.9  |
| 35°    | 489.0  | 484.9  | 458.5  | 371.3  | 308.4  | 307.4  | 304.3  | 362.1  | 420.0  | 444.3  | 442.3  |
| 37.5°  | 538.7  | 545.8  | 526.5  | 430.1  | 347.9  | 356.1  | 340.8  | 407.8  | 468.7  | 482.9  | 480.8  |
| 40°    | 607.6  | 605.6  | 595.5  | 480.8  | 396.6  | 395.6  | 384.5  | 462.6  | 522.4  | 532.6  | 527.5  |
| 42.5°  | 710.1  | 698.9  | 668.5  | 548.8  | 448.4  | 448.4  | 428.1  | 514.3  | 588.4  | 589.4  | 592.4  |
| 45°    | 835.9  | 830.8  | 777.0  | 654.3  | 515.3  | 514.3  | 480.8  | 569.1  | 655.3  | 660.4  | 651.3  |
| 47.5°  | 923.1  | 907.9  | 881.5  | 750.7  | 618.8  | 595.5  | 544.7  | 622.9  | 735.5  | 731.4  | 713.1  |
| 50°    | 1009.3 | 997.2  | 972.8  | 856.2  | 726.3  | 679.7  | 604.6  | 678.6  | 812.6  | 801.4  | 784.1  |
| 52.5°  | 1083.4 | 1067.2 | 1040.8 | 942.4  | 820.7  | 784.1  | 673.6  | 729.4  | 890.7  | 872.4  | 856.2  |
| 55°    | 1126.0 | 1092.5 | 1094.6 | 1019.5 | 891.7  | 862.3  | 750.7  | 811.5  | 966.7  | 940.4  | 927.2  |
| 57.5°  | 1073.3 | 1071.2 | 1104.7 | 1067.2 | 956.6  | 927.2  | 832.8  | 893.7  | 1045.9 | 1011.4 | 1005.3 |
| 60°    | 1020.5 | 1026.6 | 1074.3 | 1081.4 | 1007.3 | 986.0  | 903.8  | 1010.4 | 1123.0 | 1085.4 | 1085.4 |
| 62.5°  | 947.5  | 964.7  | 1031.7 | 1086.4 | 1012.4 | 1043.8 | 977.9  | 1109.8 | 1207.2 | 1172.7 | 1183.8 |
| 65°    | 864.3  | 864.3  | 941.4  | 1044.9 | 996.2  | 1082.4 | 1060.1 | 1218.3 | 1281.2 | 1260.9 | 1284.3 |
| 67.5°  | 750.7  | 752.7  | 832.8  | 963.7  | 966.7  | 1101.7 | 1126.0 | 1303.5 | 1358.3 | 1343.1 | 1360.3 |
| 70°    | 637.1  | 638.1  | 705.0  | 852.1  | 901.8  | 1094.6 | 1182.8 | 1360.3 | 1395.8 | 1397.9 | 1406.0 |
| 72.5°  | 476.8  | 494.0  | 556.9  | 691.8  | 789.2  | 1065.1 | 1212.2 | 1376.6 | 1394.8 | 1397.9 | 1371.5 |
| 75°    | 256.6  | 264.8  | 334.8  | 450.4  | 586.3  | 944.4  | 1203.1 | 1359.3 | 1346.1 | 1310.6 | 1241.7 |
| 77.5°  | 89.3   | 93.3   | 117.7  | 196.8  | 332.7  | 668.5  | 1115.9 | 1284.3 | 1241.7 | 1130.1 | 1028.6 |
| 80°    | 57.8   | 57.8   | 63.9   | 94.3   | 151.1  | 316.5  | 866.3  | 1100.6 | 1000.2 | 761.8  | 667.5  |
| 82.5°  | 40.6   | 41.6   | 46.7   | 62.9   | 97.4   | 135.9  | 450.4  | 558.9  | 550.8  | 379.4  | 319.5  |
| 85°    | 29.4   | 30.4   | 32.5   | 36.5   | 67.0   | 84.2   | 175.5  | 268.8  | 248.5  | 135.9  | 127.8  |
| 87.5°  | 13.2   | 15.2   | 13.2   | 16.2   | 26.4   | 51.7   | 84.2   | 83.2   | 79.1   | 90.3   | 92.3   |
| 90°    | 10.1   | 10.1   | 8.1    | 9.1    | 18.3   | 46.7   | 78.1   | 75.1   | 80.1   | 98.4   | 97.4   |
| 92.5°  | 10.1   | 10.1   | 8.1    | 9.1    | 17.2   | 46.7   | 82.2   | 73.0   | 83.2   | 105.5  | 106.5  |
| 95°    | 10.1   | 11.2   | 8.1    | 8.1    | 14.2   | 47.7   | 87.2   | 78.1   | 88.3   | 114.6  | 114.6  |
| 97.5°  | 9.1    | 9.1    | 6.1    | 7.1    | 11.2   | 43.6   | 87.2   | 67.0   | 64.9   | 92.3   | 91.3   |
| 100°   | 7.1    | 8.1    | 4.1    | 6.1    | 8.1    | 26.4   | 64.9   | 41.6   | 18.3   | 21.3   | 32.5   |
| 102.5° | 7.1    | 7.1    | 4.1    | 5.1    | 6.1    | 11.2   | 34.5   | 24.3   | 5.1    | 7.1    | 7.1    |
| 105°   | 7.1    | 8.1    | 4.1    | 4.1    | 4.1    | 5.1    | 16.2   | 12.2   | 4.1    | 6.1    | 7.1    |
| 107.5° | 8.1    | 8.1    | 3.0    | 3.0    | 3.0    | 3.0    | 6.1    | 5.1    | 4.1    | 7.1    | 8.1    |
| 110°   | 8.1    | 8.1    | 3.0    | 3.0    | 2.0    | 2.0    | 3.0    | 3.0    | 4.1    | 7.1    | 8.1    |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 82.5° | 85° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|
| 112.5° | 7.1 | 7.1 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.1 | 6.1   | 7.1 |
| 115°   | 5.1 | 5.1 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 5.1   | 6.1 |
| 117.5° | 5.1 | 4.1 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 3.0 | 4.1 | 7.1   | 7.1 |
| 120°   | 5.1 | 5.1 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 5.1 | 8.1   | 9.1 |
| 122.5° | 5.1 | 5.1 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 5.1 | 8.1   | 9.1 |
| 125°   | 6.1 | 5.1 | 3.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 4.1 | 7.1   | 8.1 |
| 127.5° | 5.1 | 5.1 | 3.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 6.1   | 7.1 |
| 130°   | 5.1 | 5.1 | 3.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 5.1   | 5.1 |
| 132.5° | 4.1 | 4.1 | 3.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 4.1   | 4.1 |
| 135°   | 4.1 | 4.1 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0   | 3.0 |
| 137.5° | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0   | 1.0 |
| 140°   | 0.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0   | 1.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0   | 1.0 |
| 145°   | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0   | 1.0 |
| 147.5° | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0   | 1.0 |
| 150°   | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0   | 1.0 |
| 152.5° | 3.0 | 3.0 | 4.1 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 | 1.0   | 1.0 |
| 155°   | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0   | 3.0 |
| 157.5° | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0   | 1.0 |
| 160°   | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0   | 1.0 |
| 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°     | 289.1  | 289.1 | 289.1 | 289.1 | 289.1 | 289.1 | 289.1 | 289.1 | 289.1 | 289.1 | 289.1 |
| 2.5°   | 287.1  | 289.1 | 290.1 | 293.2 | 293.2 | 293.2 | 286.1 | 268.8 | 268.8 | 269.8 | 270.9 |
| 5°     | 283.0  | 285.1 | 289.1 | 274.9 | 260.7 | 259.7 | 264.8 | 267.8 | 268.8 | 269.8 | 267.8 |
| 7.5°   | 250.6  | 254.6 | 252.6 | 253.6 | 260.7 | 267.8 | 273.9 | 269.8 | 259.7 | 252.6 | 254.6 |
| 10°    | 223.2  | 227.2 | 204.9 | 206.9 | 215.1 | 235.3 | 268.8 | 280.0 | 287.1 | 290.1 | 290.1 |
| 12.5°  | 195.8  | 198.8 | 179.6 | 208.0 | 193.8 | 225.2 | 261.7 | 289.1 | 261.7 | 250.6 | 250.6 |
| 15°    | 224.2  | 230.3 | 206.9 | 184.6 | 188.7 | 228.2 | 200.9 | 275.9 | 284.0 | 286.1 | 288.1 |
| 17.5°  | 191.7  | 187.7 | 191.7 | 194.8 | 212.0 | 177.5 | 230.3 | 259.7 | 243.5 | 237.4 | 240.4 |
| 20°    | 241.4  | 245.5 | 224.2 | 191.7 | 193.8 | 226.2 | 204.9 | 232.3 | 276.9 | 278.0 | 280.0 |
| 22.5°  | 183.6  | 188.7 | 200.9 | 228.2 | 199.8 | 219.1 | 216.1 | 241.4 | 226.2 | 227.2 | 235.3 |
| 25°    | 269.8  | 273.9 | 252.6 | 203.9 | 218.1 | 197.8 | 218.1 | 215.1 | 253.6 | 255.6 | 255.6 |
| 27.5°  | 330.7  | 321.6 | 275.9 | 230.3 | 191.7 | 209.0 | 196.8 | 204.9 | 195.8 | 223.2 | 227.2 |
| 30°    | 393.6  | 393.6 | 358.1 | 256.6 | 202.9 | 177.5 | 179.6 | 194.8 | 217.1 | 221.1 | 221.1 |
| 32.5°  | 412.9  | 411.9 | 366.2 | 278.0 | 199.8 | 183.6 | 165.4 | 183.6 | 222.2 | 241.4 | 243.5 |
| 35°    | 440.3  | 436.2 | 380.4 | 270.9 | 192.7 | 167.4 | 156.2 | 184.6 | 213.0 | 216.1 | 214.0 |
| 37.5°  | 474.7  | 464.6 | 397.7 | 257.7 | 176.5 | 157.2 | 150.1 | 166.4 | 190.7 | 190.7 | 190.7 |
| 40°    | 517.4  | 501.1 | 403.7 | 239.4 | 159.3 | 144.0 | 136.9 | 154.2 | 170.4 | 161.3 | 158.2 |
| 42.5°  | 575.2  | 550.8 | 408.8 | 226.2 | 144.0 | 132.9 | 123.8 | 140.0 | 148.1 | 143.0 | 141.0 |
| 45°    | 628.9  | 592.4 | 416.9 | 212.0 | 131.9 | 122.7 | 114.6 | 128.8 | 134.9 | 129.8 | 128.8 |
| 47.5°  | 692.8  | 644.2 | 417.9 | 198.8 | 122.7 | 114.6 | 108.5 | 120.7 | 124.8 | 124.8 | 123.8 |
| 50°    | 758.8  | 693.9 | 426.1 | 187.7 | 113.6 | 106.5 | 105.5 | 114.6 | 117.7 | 115.6 | 114.6 |
| 52.5°  | 833.9  | 749.7 | 429.1 | 173.5 | 102.5 | 97.4  | 102.5 | 108.5 | 117.7 | 118.7 | 118.7 |
| 55°    | 914.0  | 801.4 | 427.1 | 154.2 | 94.3  | 92.3  | 99.4  | 112.6 | 120.7 | 114.6 | 113.6 |
| 57.5°  | 992.1  | 853.1 | 428.1 | 132.9 | 86.2  | 90.3  | 100.4 | 117.7 | 123.8 | 116.7 | 113.6 |
| 60°    | 1062.1 | 899.8 | 413.9 | 113.6 | 80.1  | 85.2  | 104.5 | 122.7 | 120.7 | 122.7 | 119.7 |
| 62.5°  | 1148.3 | 948.5 | 373.3 | 101.4 | 75.1  | 83.2  | 104.5 | 125.8 | 117.7 | 125.8 | 125.8 |
| 65°    | 1219.3 | 985.0 | 315.5 | 91.3  | 71.0  | 83.2  | 105.5 | 126.8 | 114.6 | 127.8 | 127.8 |
| 67.5°  | 1249.8 | 984.0 | 228.2 | 83.2  | 65.9  | 81.2  | 105.5 | 130.9 | 117.7 | 131.9 | 130.9 |
| 70°    | 1237.6 | 950.5 | 161.3 | 77.1  | 62.9  | 82.2  | 109.6 | 133.9 | 120.7 | 140.0 | 139.0 |
| 72.5°  | 1155.4 | 871.4 | 116.7 | 72.0  | 58.8  | 78.1  | 112.6 | 138.0 | 123.8 | 152.2 | 152.2 |
| 75°    | 1017.5 | 728.4 | 94.3  | 67.0  | 54.8  | 77.1  | 113.6 | 140.0 | 125.8 | 154.2 | 154.2 |
| 77.5°  | 778.1  | 523.4 | 79.1  | 61.9  | 50.7  | 75.1  | 112.6 | 143.0 | 124.8 | 154.2 | 154.2 |
| 80°    | 466.6  | 298.2 | 65.9  | 55.8  | 51.7  | 74.1  | 114.6 | 143.0 | 124.8 | 152.2 | 152.2 |
| 82.5°  | 215.1  | 136.9 | 58.8  | 46.7  | 48.7  | 73.0  | 116.7 | 141.0 | 119.7 | 152.2 | 146.1 |
| 85°    | 119.7  | 96.4  | 50.7  | 39.6  | 43.6  | 69.0  | 110.6 | 126.8 | 107.5 | 125.8 | 123.8 |
| 87.5°  | 89.3   | 75.1  | 32.5  | 20.3  | 28.4  | 48.7  | 85.2  | 100.4 | 81.2  | 97.4  | 96.4  |
| 90°    | 95.4   | 79.1  | 29.4  | 20.3  | 30.4  | 44.6  | 80.1  | 89.3  | 75.1  | 90.3  | 89.3  |
| 92.5°  | 102.5  | 83.2  | 29.4  | 21.3  | 34.5  | 48.7  | 80.1  | 87.2  | 74.1  | 82.2  | 83.2  |
| 95°    | 107.5  | 86.2  | 28.4  | 23.3  | 36.5  | 52.7  | 78.1  | 80.1  | 68.0  | 71.0  | 74.1  |
| 97.5°  | 84.2   | 64.9  | 25.4  | 24.3  | 35.5  | 42.6  | 63.9  | 62.9  | 46.7  | 43.6  | 43.6  |
| 100°   | 26.4   | 18.3  | 22.3  | 25.4  | 21.3  | 20.3  | 37.5  | 44.6  | 27.4  | 18.3  | 17.2  |
| 102.5° | 8.1    | 7.1   | 20.3  | 24.3  | 16.2  | 9.1   | 20.3  | 28.4  | 20.3  | 3.0   | 4.1   |
| 105°   | 8.1    | 8.1   | 13.2  | 20.3  | 11.2  | 4.1   | 8.1   | 15.2  | 12.2  | 3.0   | 3.0   |
| 107.5° | 8.1    | 7.1   | 5.1   | 11.2  | 4.1   | 3.0   | 4.1   | 4.1   | 4.1   | 3.0   | 3.0   |
| 110°   | 8.1    | 8.1   | 4.1   | 4.1   | 3.0   | 3.0   | 3.0   | 2.0   | 2.0   | 5.1   | 5.1   |



REPORT NUMBER: P560146

CATALOG NUMBER: SDL-PA1-30-722-U-T3-A

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 8.1  | 8.1  | 4.1  | 4.1  | 3.0  | 3.0  | 2.0  | 2.0  | 3.0  | 7.1  | 7.1  |
| 115°   | 7.1  | 7.1  | 4.1  | 3.0  | 2.0  | 3.0  | 2.0  | 2.0  | 3.0  | 8.1  | 8.1  |
| 117.5° | 8.1  | 8.1  | 4.1  | 3.0  | 2.0  | 2.0  | 2.0  | 1.0  | 3.0  | 9.1  | 10.1 |
| 120°   | 10.1 | 9.1  | 5.1  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 4.1  | 8.1  | 9.1  |
| 122.5° | 10.1 | 10.1 | 5.1  | 2.0  | 1.0  | 1.0  | 1.0  | 2.0  | 4.1  | 8.1  | 9.1  |
| 125°   | 9.1  | 9.1  | 5.1  | 2.0  | 1.0  | 1.0  | 1.0  | 1.0  | 4.1  | 7.1  | 7.1  |
| 127.5° | 8.1  | 8.1  | 4.1  | 2.0  | 1.0  | 1.0  | 1.0  | 1.0  | 3.0  | 6.1  | 7.1  |
| 130°   | 6.1  | 6.1  | 3.0  | 2.0  | 1.0  | 1.0  | 1.0  | 1.0  | 3.0  | 5.1  | 6.1  |
| 132.5° | 5.1  | 5.1  | 3.0  | 2.0  | 1.0  | 1.0  | 1.0  | 1.0  | 3.0  | 4.1  | 5.1  |
| 135°   | 3.0  | 3.0  | 2.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 2.0  | 3.0  | 4.1  |
| 137.5° | 2.0  | 2.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 2.0  | 2.0  |
| 140°   | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 0.0  | 1.0  | 1.0  | 1.0  | 1.0  |
| 142.5° | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 0.0  | 1.0  | 1.0  | 1.0  | 1.0  |
| 145°   | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  |
| 147.5° | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  |
| 150°   | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 2.0  | 2.0  | 3.0  | 2.0  |
| 152.5° | 1.0  | 1.0  | 1.0  | 2.0  | 1.0  | 0.0  | 0.0  | 2.0  | 2.0  | 3.0  | 3.0  |
| 155°   | 3.0  | 3.0  | 2.0  | 1.0  | 1.0  | 0.0  | 0.0  | 0.0  | 2.0  | 2.0  | 2.0  |
| 157.5° | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 0.0  | 0.0  | 0.0  | 1.0  | 1.0  | 1.0  |
| 160°   | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 0.0  | 0.0  | 0.0  | 0.0  | 1.0  | 1.0  |
| 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)