

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: P560478

Luminaire Tested: **SDL-PA1-40-830-U-T3-HSS**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P560478  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: SDL-PA1-40-830-U-T3-HSS  
Description: Springdale  
(1) 80 CRI, 3000K, 500mA LIGHT ENGINE WITH 24 LEDS AND TYPE III OPTICS  
WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2921.3 lumens  
Efficiency: N/A  
Efficacy: 74.1 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: B0 - U0 - G1

Input Watts (W): 39.4  
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

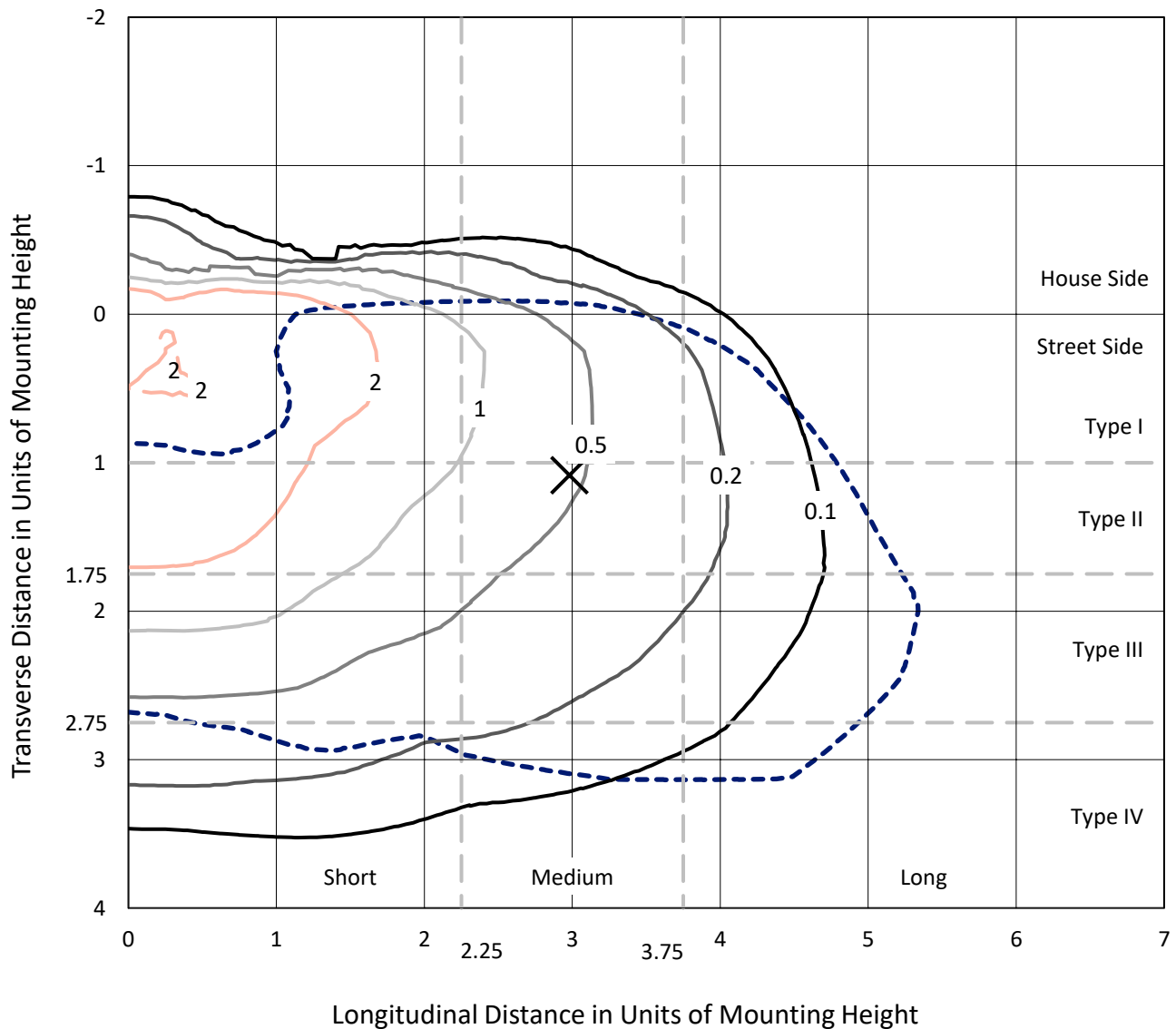


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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

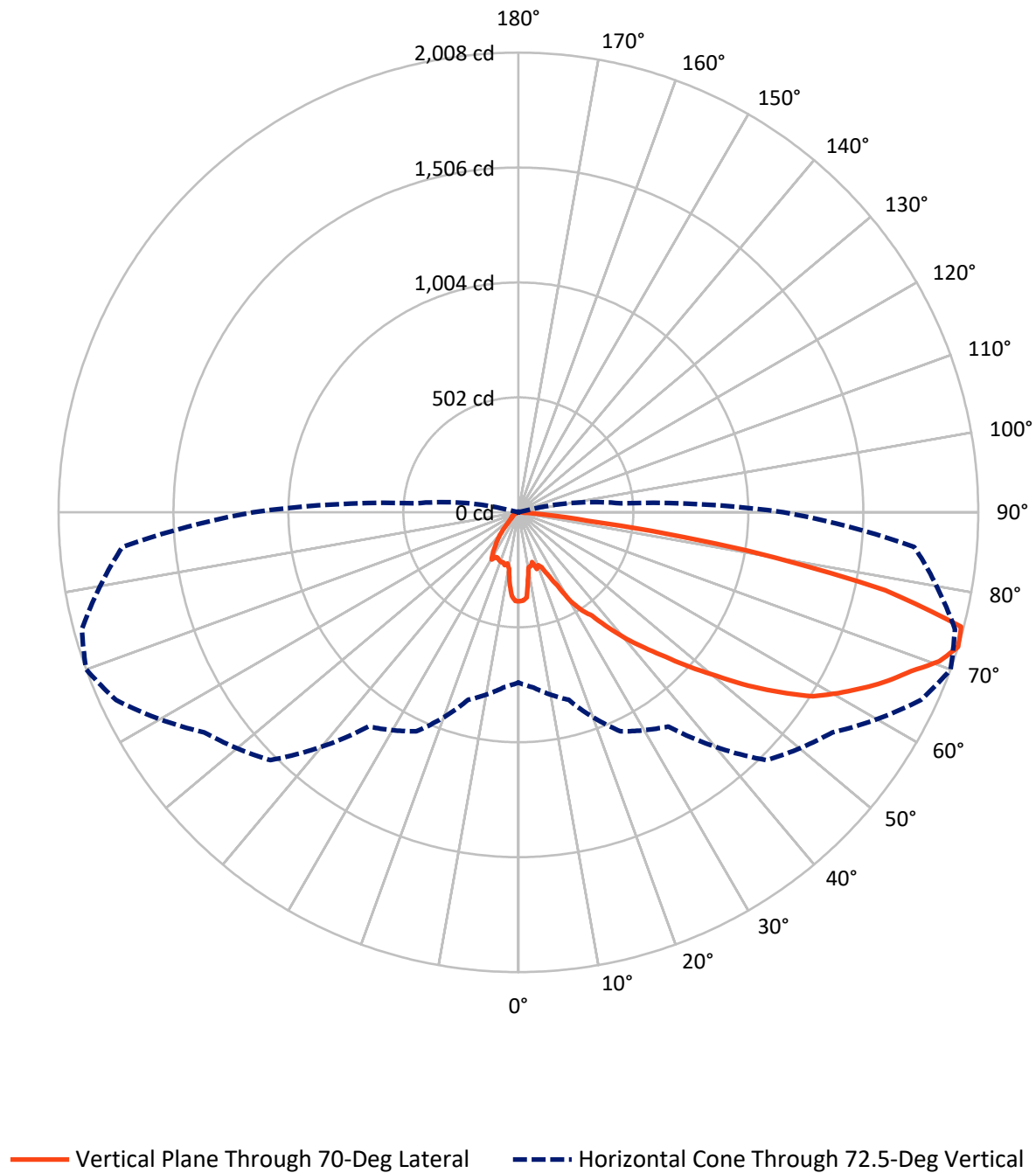


Based on 10 foot mounting height. Maximum calculated value = 4.6 fc  
 Type IV - Medium - N/A

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## Luminous Intensity Polar Plot



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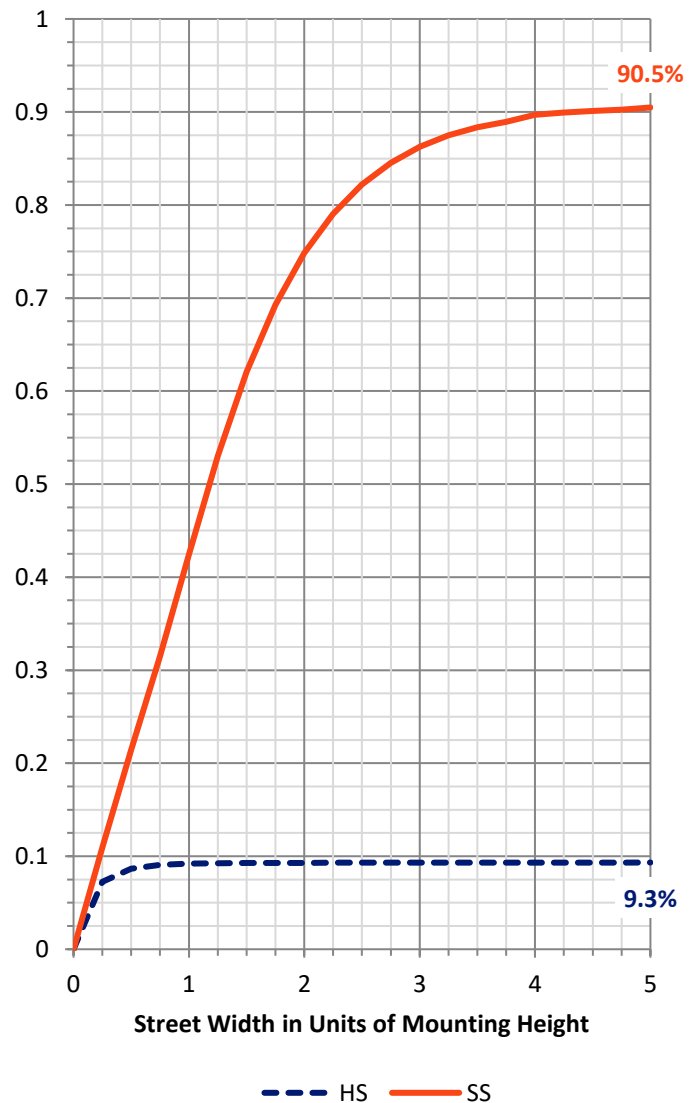
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 275.4    | 0.0    | 275.4  |
|                    | % Fixture | 9.4      | 0.0    | 9.4    |
| <b>Street Side</b> | Lumens    | 2645.9   | 0.0    | 2645.9 |
|                    | % Fixture | 90.6     | 0.0    | 90.6   |
| <b>Total</b>       | Lumens    | 2921.3   | 0.0    | 2921.3 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 29.9   | 1.0       |
| 10°-20°   | 59.8   | 2.0       |
| 20°-30°   | 97.5   | 3.3       |
| 30°-40°   | 208.0  | 7.1       |
| 40°-50°   | 400.7  | 13.7      |
| 50°-60°   | 662.8  | 22.7      |
| 60°-70°   | 811.2  | 27.8      |
| 70°-80°   | 594.3  | 20.3      |
| 80°-90°   | 57.1   | 2.0       |
| 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°    | 2921.3 | 100.0     |
| 0°-180°   | 2921.3 | 100.0     |

**Coefficient of Utilization**



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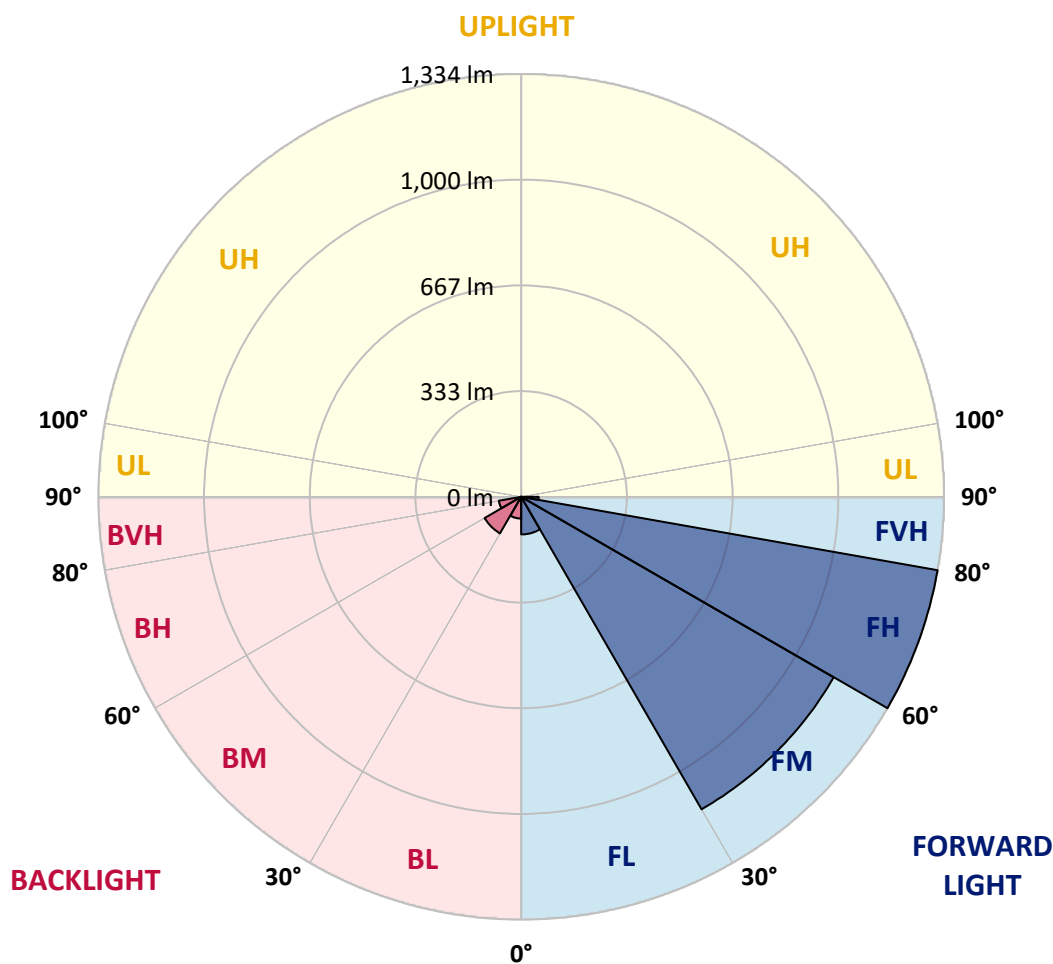
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 118.6  | 4.1       |                         |      |         |
| FM   | (30°-60°)   | 1138.4 | 39.0      |                         |      |         |
| FH   | (60°-80°)   | 1333.9 | 45.7      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 55.1   | 1.9       |                         |      | G1/100  |
| BL   | (0°-30°)    | 68.6   | 2.3       | B0/110                  |      |         |
| BM   | (30°-60°)   | 133.1  | 4.6       | B0/220                  |      |         |
| BH   | (60°-80°)   | 71.7   | 2.5       | B0/110                  |      | G0/110  |
| BVH  | (80°-90°)   | 2.0    | 0.1       |                         |      | G0/10   |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

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

Type IV Medium



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 388.8  | 388.8  | 388.8  | 388.8  | 388.8  | 388.8  | 388.8  | 388.8  | 388.8  | 388.8  | 388.8  |
| 2.5°  | 345.7  | 355.8  | 361.5  | 367.2  | 365.8  | 364.4  | 367.2  | 370.1  | 375.8  | 380.2  | 383.0  |
| 5°    | 311.3  | 311.3  | 311.3  | 311.3  | 312.7  | 312.7  | 312.7  | 312.7  | 314.2  | 315.6  | 317.0  |
| 7.5°  | 269.7  | 275.4  | 278.3  | 281.2  | 288.3  | 294.1  | 299.8  | 305.6  | 308.4  | 309.9  | 311.3  |
| 10°   | 292.6  | 292.6  | 292.6  | 292.6  | 294.1  | 294.1  | 275.4  | 255.3  | 256.8  | 258.2  | 249.6  |
| 12.5° | 242.4  | 241.0  | 256.8  | 271.1  | 281.2  | 289.8  | 279.7  | 268.3  | 251.0  | 232.4  | 229.5  |
| 15°   | 285.5  | 285.5  | 285.5  | 285.5  | 265.4  | 245.3  | 231.0  | 216.6  | 228.1  | 238.1  | 215.2  |
| 17.5° | 225.2  | 231.0  | 248.2  | 265.4  | 265.4  | 265.4  | 252.5  | 239.6  | 215.2  | 189.4  | 216.6  |
| 20°   | 279.7  | 279.7  | 279.7  | 278.3  | 245.3  | 212.3  | 223.8  | 233.8  | 243.9  | 253.9  | 249.6  |
| 22.5° | 232.4  | 229.5  | 233.8  | 238.1  | 248.2  | 256.8  | 228.1  | 198.0  | 231.0  | 262.5  | 246.7  |
| 25°   | 294.1  | 294.1  | 295.5  | 295.5  | 264.0  | 232.4  | 251.0  | 268.3  | 243.9  | 219.5  | 258.2  |
| 27.5° | 265.4  | 256.8  | 255.3  | 252.5  | 262.5  | 271.1  | 258.2  | 245.3  | 272.6  | 299.8  | 286.9  |
| 30°   | 368.7  | 368.7  | 358.6  | 348.6  | 309.9  | 269.7  | 274.0  | 276.9  | 276.9  | 276.9  | 305.6  |
| 32.5° | 512.1  | 513.6  | 474.8  | 434.7  | 400.2  | 364.4  | 332.8  | 299.8  | 317.0  | 334.2  | 352.9  |
| 35°   | 690.0  | 694.3  | 667.1  | 638.4  | 553.7  | 469.1  | 416.0  | 362.9  | 361.5  | 358.6  | 385.9  |
| 37.5° | 817.7  | 826.3  | 804.8  | 783.3  | 682.8  | 582.4  | 506.4  | 430.4  | 423.2  | 414.6  | 424.6  |
| 40°   | 938.2  | 932.5  | 919.5  | 905.2  | 799.0  | 691.4  | 608.2  | 523.6  | 505.0  | 484.9  | 486.3  |
| 42.5° | 1094.6 | 1077.3 | 1044.3 | 1011.4 | 909.5  | 807.6  | 718.7  | 629.8  | 599.6  | 569.5  | 563.8  |
| 45°   | 1296.8 | 1268.1 | 1220.8 | 1172.0 | 1071.6 | 971.2  | 862.2  | 751.7  | 714.4  | 675.7  | 667.1  |
| 47.5° | 1400.1 | 1380.0 | 1349.9 | 1318.3 | 1215.1 | 1111.8 | 1007.0 | 900.9  | 849.2  | 796.2  | 781.8  |
| 50°   | 1522.0 | 1496.2 | 1476.1 | 1454.6 | 1365.7 | 1275.3 | 1177.8 | 1078.8 | 1009.9 | 941.1  | 916.7  |
| 52.5° | 1638.2 | 1595.2 | 1576.6 | 1556.5 | 1486.2 | 1414.5 | 1312.6 | 1210.8 | 1166.3 | 1120.4 | 1061.6 |
| 55°   | 1679.8 | 1638.2 | 1629.6 | 1621.0 | 1570.8 | 1520.6 | 1427.4 | 1334.1 | 1282.5 | 1229.4 | 1182.1 |
| 57.5° | 1589.5 | 1595.2 | 1621.0 | 1646.9 | 1618.2 | 1589.5 | 1513.4 | 1436.0 | 1378.6 | 1321.2 | 1294.0 |
| 60°   | 1527.8 | 1540.7 | 1579.4 | 1618.2 | 1618.2 | 1618.2 | 1576.6 | 1535.0 | 1480.4 | 1425.9 | 1407.3 |
| 62.5° | 1428.8 | 1444.6 | 1503.4 | 1562.2 | 1599.5 | 1636.8 | 1592.3 | 1547.9 | 1529.2 | 1509.1 | 1491.9 |
| 65°   | 1298.3 | 1302.6 | 1368.6 | 1434.5 | 1512.0 | 1588.0 | 1546.4 | 1503.4 | 1539.3 | 1575.1 | 1557.9 |
| 67.5° | 1147.6 | 1154.8 | 1216.5 | 1276.7 | 1368.6 | 1460.4 | 1448.9 | 1436.0 | 1514.9 | 1593.8 | 1592.3 |
| 70°   | 968.3  | 981.2  | 1034.3 | 1085.9 | 1189.2 | 1291.1 | 1302.6 | 1314.0 | 1450.3 | 1585.2 | 1611.0 |
| 72.5° | 743.1  | 768.9  | 809.1  | 847.8  | 952.5  | 1055.8 | 1098.9 | 1141.9 | 1337.0 | 1530.7 | 1603.8 |
| 75°   | 246.7  | 264.0  | 375.8  | 486.3  | 592.5  | 698.6  | 793.3  | 886.5  | 1130.4 | 1372.9 | 1524.9 |
| 77.5° | 71.7   | 74.6   | 96.1   | 116.2  | 199.4  | 281.2  | 378.7  | 474.8  | 713.0  | 949.7  | 1202.1 |
| 80°   | 37.3   | 38.7   | 43.0   | 47.3   | 68.9   | 90.4   | 130.5  | 169.3  | 278.3  | 387.3  | 652.7  |
| 82.5° | 25.8   | 25.8   | 30.1   | 33.0   | 41.6   | 50.2   | 71.7   | 93.2   | 101.9  | 110.5  | 262.5  |
| 85°   | 8.6    | 8.6    | 11.5   | 14.3   | 20.1   | 25.8   | 38.7   | 50.2   | 50.2   | 48.8   | 70.3   |
| 87.5° | 1.4    | 1.4    | 2.9    | 4.3    | 7.2    | 8.6    | 7.2    | 5.7    | 4.3    | 2.9    | 5.7    |
| 90°   | 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):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°   | 100°  | 105°  |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 0°    | 388.8  | 388.8  | 388.8  | 388.8  | 388.8  | 388.8  | 388.8  | 388.8  | 388.8 | 388.8 | 388.8 |
| 2.5°  | 384.5  | 385.9  | 385.9  | 385.9  | 387.3  | 387.3  | 387.3  | 387.3  | 385.9 | 387.3 | 387.3 |
| 5°    | 317.0  | 342.9  | 367.2  | 374.4  | 378.7  | 380.2  | 380.2  | 380.2  | 378.7 | 378.7 | 378.7 |
| 7.5°  | 312.7  | 311.3  | 309.9  | 298.4  | 325.6  | 331.4  | 335.7  | 334.2  | 334.2 | 327.1 | 318.5 |
| 10°   | 241.0  | 241.0  | 241.0  | 243.9  | 259.7  | 278.3  | 297.0  | 297.0  | 297.0 | 275.4 | 253.9 |
| 12.5° | 225.2  | 233.8  | 241.0  | 241.0  | 215.2  | 236.7  | 258.2  | 258.2  | 258.2 | 236.7 | 213.7 |
| 15°   | 192.2  | 202.3  | 210.9  | 225.2  | 268.3  | 294.1  | 319.9  | 319.9  | 318.5 | 294.1 | 268.3 |
| 17.5° | 242.4  | 239.6  | 235.3  | 261.1  | 245.3  | 249.6  | 253.9  | 241.0  | 259.7 | 252.5 | 245.3 |
| 20°   | 245.3  | 219.5  | 192.2  | 246.7  | 302.7  | 327.1  | 351.5  | 352.9  | 348.6 | 321.3 | 292.6 |
| 22.5° | 231.0  | 264.0  | 295.5  | 261.1  | 269.7  | 264.0  | 256.8  | 253.9  | 253.9 | 252.5 | 251.0 |
| 25°   | 295.5  | 264.0  | 232.4  | 305.6  | 357.2  | 374.4  | 391.6  | 387.3  | 381.6 | 342.9 | 304.1 |
| 27.5° | 272.6  | 304.1  | 334.2  | 362.9  | 388.8  | 404.5  | 420.3  | 464.8  | 404.5 | 360.1 | 314.2 |
| 30°   | 332.8  | 371.5  | 408.8  | 450.4  | 529.3  | 552.3  | 575.3  | 563.8  | 549.4 | 463.4 | 377.3 |
| 32.5° | 370.1  | 431.8  | 492.0  | 510.7  | 558.0  | 579.6  | 599.6  | 589.6  | 572.4 | 459.1 | 345.7 |
| 35°   | 411.7  | 469.1  | 525.0  | 555.2  | 612.5  | 629.8  | 645.5  | 629.8  | 611.1 | 454.7 | 298.4 |
| 37.5° | 434.7  | 512.1  | 588.2  | 639.8  | 688.6  | 692.9  | 695.8  | 681.4  | 657.0 | 454.7 | 252.5 |
| 40°   | 487.7  | 570.9  | 652.7  | 727.3  | 766.0  | 767.5  | 768.9  | 746.0  | 701.5 | 450.4 | 198.0 |
| 42.5° | 558.0  | 642.7  | 725.9  | 807.6  | 859.3  | 855.0  | 849.2  | 817.7  | 744.5 | 443.3 | 142.0 |
| 45°   | 658.5  | 733.1  | 807.6  | 899.5  | 962.6  | 951.1  | 938.2  | 890.9  | 774.7 | 436.1 | 96.1  |
| 47.5° | 766.0  | 824.9  | 882.2  | 1008.5 | 1088.8 | 1064.4 | 1038.6 | 969.8  | 796.2 | 433.2 | 68.9  |
| 50°   | 890.9  | 938.2  | 985.5  | 1123.2 | 1219.4 | 1173.5 | 1127.5 | 1048.7 | 804.8 | 430.4 | 54.5  |
| 52.5° | 1001.3 | 1050.1 | 1097.4 | 1258.1 | 1331.3 | 1279.6 | 1228.0 | 1110.3 | 800.5 | 424.6 | 47.3  |
| 55°   | 1133.3 | 1176.3 | 1219.4 | 1387.2 | 1446.0 | 1377.2 | 1306.9 | 1154.8 | 779.0 | 411.7 | 43.0  |
| 57.5° | 1265.3 | 1309.7 | 1352.8 | 1516.3 | 1533.5 | 1466.1 | 1397.2 | 1197.8 | 757.4 | 398.8 | 38.7  |
| 60°   | 1388.6 | 1438.8 | 1489.1 | 1603.8 | 1616.7 | 1556.5 | 1496.2 | 1239.4 | 723.0 | 378.7 | 34.4  |
| 62.5° | 1474.7 | 1543.6 | 1612.4 | 1689.9 | 1695.6 | 1641.1 | 1585.2 | 1271.0 | 678.5 | 355.8 | 31.6  |
| 65°   | 1539.3 | 1633.9 | 1727.2 | 1774.5 | 1771.7 | 1732.9 | 1694.2 | 1298.3 | 642.7 | 334.2 | 25.8  |
| 67.5° | 1589.5 | 1704.2 | 1819.0 | 1850.6 | 1857.7 | 1821.9 | 1786.0 | 1302.6 | 598.2 | 309.9 | 20.1  |
| 70°   | 1636.8 | 1763.1 | 1889.3 | 1949.5 | 1935.2 | 1879.2 | 1823.3 | 1269.6 | 538.0 | 276.9 | 14.3  |
| 72.5° | 1675.5 | 1807.5 | 1939.5 | 2008.4 | 1973.9 | 1854.9 | 1735.8 | 1157.7 | 450.4 | 231.0 | 10.0  |
| 75°   | 1675.5 | 1807.5 | 1938.1 | 1996.9 | 1879.2 | 1642.6 | 1404.4 | 862.2  | 264.0 | 136.3 | 8.6   |
| 77.5° | 1454.6 | 1550.7 | 1646.9 | 1638.2 | 1431.7 | 1137.6 | 842.1  | 496.4  | 88.9  | 48.8  | 7.2   |
| 80°   | 918.1  | 981.2  | 1044.3 | 1012.8 | 731.6  | 525.0  | 317.0  | 166.4  | 31.6  | 18.6  | 5.7   |
| 82.5° | 414.6  | 407.4  | 400.2  | 308.4  | 143.5  | 96.1   | 47.3   | 28.7   | 8.6   | 5.7   | 2.9   |
| 85°   | 91.8   | 88.9   | 86.1   | 63.1   | 43.0   | 28.7   | 14.3   | 8.6    | 4.3   | 4.3   | 2.9   |
| 87.5° | 8.6    | 10.0   | 10.0   | 7.2    | 7.2    | 5.7    | 2.9    | 2.9    | 2.9   | 2.9   | 2.9   |
| 90°   | 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):**

|       | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 388.8 | 388.8 | 388.8 | 388.8 | 388.8 | 388.8 | 388.8 | 388.8 | 388.8 | 388.8 | 388.8 |
| 2.5°  | 387.3 | 387.3 | 387.3 | 385.9 | 385.9 | 385.9 | 375.8 | 364.4 | 357.2 | 348.6 | 344.3 |
| 5°    | 365.8 | 352.9 | 337.1 | 321.3 | 318.5 | 314.2 | 315.6 | 315.6 | 317.0 | 317.0 | 317.0 |
| 7.5°  | 311.3 | 304.1 | 307.0 | 309.9 | 309.9 | 309.9 | 309.9 | 308.4 | 307.0 | 305.6 | 291.2 |
| 10°   | 248.2 | 242.4 | 242.4 | 242.4 | 246.7 | 249.6 | 242.4 | 233.8 | 246.7 | 258.2 | 255.3 |
| 12.5° | 228.1 | 242.4 | 223.8 | 203.7 | 206.6 | 208.0 | 208.0 | 206.6 | 200.8 | 195.1 | 175.0 |
| 15°   | 238.1 | 208.0 | 190.8 | 172.1 | 172.1 | 172.1 | 139.2 | 106.2 | 99.0  | 91.8  | 93.2  |
| 17.5° | 228.1 | 210.9 | 190.8 | 169.3 | 127.7 | 84.6  | 80.3  | 74.6  | 74.6  | 74.6  | 76.0  |
| 20°   | 229.5 | 166.4 | 140.6 | 114.8 | 91.8  | 67.4  | 63.1  | 57.4  | 54.5  | 50.2  | 58.8  |
| 22.5° | 225.2 | 198.0 | 134.8 | 71.7  | 63.1  | 54.5  | 50.2  | 44.5  | 51.6  | 58.8  | 58.8  |
| 25°   | 218.1 | 130.5 | 97.5  | 63.1  | 53.1  | 43.0  | 48.8  | 53.1  | 50.2  | 45.9  | 53.1  |
| 27.5° | 219.5 | 123.4 | 84.6  | 45.9  | 48.8  | 50.2  | 47.3  | 43.0  | 47.3  | 50.2  | 47.3  |
| 30°   | 236.7 | 96.1  | 71.7  | 45.9  | 44.5  | 41.6  | 43.0  | 44.5  | 43.0  | 40.2  | 43.0  |
| 32.5° | 210.9 | 76.0  | 60.3  | 43.0  | 41.6  | 40.2  | 38.7  | 37.3  | 38.7  | 38.7  | 38.7  |
| 35°   | 177.9 | 57.4  | 48.8  | 40.2  | 37.3  | 34.4  | 34.4  | 33.0  | 33.0  | 33.0  | 33.0  |
| 37.5° | 150.6 | 48.8  | 43.0  | 35.9  | 33.0  | 30.1  | 28.7  | 25.8  | 25.8  | 24.4  | 24.4  |
| 40°   | 121.9 | 44.5  | 38.7  | 31.6  | 28.7  | 24.4  | 23.0  | 20.1  | 20.1  | 18.6  | 18.6  |
| 42.5° | 91.8  | 40.2  | 34.4  | 27.3  | 24.4  | 20.1  | 17.2  | 14.3  | 14.3  | 12.9  | 12.9  |
| 45°   | 66.0  | 35.9  | 30.1  | 23.0  | 20.1  | 15.8  | 12.9  | 10.0  | 10.0  | 8.6   | 8.6   |
| 47.5° | 51.6  | 33.0  | 27.3  | 20.1  | 15.8  | 11.5  | 10.0  | 7.2   | 7.2   | 7.2   | 7.2   |
| 50°   | 41.6  | 28.7  | 23.0  | 15.8  | 11.5  | 7.2   | 5.7   | 4.3   | 4.3   | 4.3   | 4.3   |
| 52.5° | 37.3  | 25.8  | 20.1  | 12.9  | 10.0  | 5.7   | 4.3   | 2.9   | 4.3   | 4.3   | 4.3   |
| 55°   | 33.0  | 23.0  | 17.2  | 10.0  | 7.2   | 4.3   | 4.3   | 2.9   | 4.3   | 4.3   | 4.3   |
| 57.5° | 30.1  | 20.1  | 14.3  | 7.2   | 5.7   | 2.9   | 2.9   | 1.4   | 2.9   | 2.9   | 2.9   |
| 60°   | 25.8  | 17.2  | 11.5  | 5.7   | 4.3   | 1.4   | 1.4   | 1.4   | 2.9   | 2.9   | 2.9   |
| 62.5° | 23.0  | 14.3  | 10.0  | 4.3   | 2.9   | 1.4   | 1.4   | 1.4   | 2.9   | 2.9   | 2.9   |
| 65°   | 18.6  | 10.0  | 7.2   | 2.9   | 2.9   | 1.4   | 1.4   | 1.4   | 2.9   | 2.9   | 2.9   |
| 67.5° | 14.3  | 7.2   | 5.7   | 2.9   | 2.9   | 1.4   | 1.4   | 1.4   | 2.9   | 2.9   | 1.4   |
| 70°   | 10.0  | 5.7   | 4.3   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   | 2.9   | 2.9   | 1.4   |
| 72.5° | 7.2   | 4.3   | 2.9   | 1.4   | 1.4   | 0.0   | 1.4   | 1.4   | 2.9   | 2.9   | 2.9   |
| 75°   | 7.2   | 4.3   | 2.9   | 1.4   | 1.4   | 0.0   | 1.4   | 2.9   | 2.9   | 2.9   | 2.9   |
| 77.5° | 5.7   | 2.9   | 2.9   | 1.4   | 1.4   | 0.0   | 1.4   | 2.9   | 2.9   | 2.9   | 2.9   |
| 80°   | 4.3   | 2.9   | 2.9   | 1.4   | 1.4   | 0.0   | 2.9   | 4.3   | 4.3   | 4.3   | 2.9   |
| 82.5° | 2.9   | 2.9   | 2.9   | 1.4   | 1.4   | 0.0   | 2.9   | 4.3   | 4.3   | 4.3   | 2.9   |
| 85°   | 2.9   | 2.9   | 2.9   | 2.9   | 1.4   | 0.0   | 2.9   | 4.3   | 4.3   | 4.3   | 4.3   |
| 87.5° | 2.9   | 2.9   | 2.9   | 2.9   | 2.9   | 1.4   | 4.3   | 5.7   | 5.7   | 4.3   | 4.3   |
| 90°   | 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):**

|       | 165°  | 170°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|
| 0°    | 388.8 | 388.8 | 388.8 | 388.8 |
| 2.5°  | 338.6 | 338.6 | 337.1 | 341.4 |
| 5°    | 317.0 | 317.0 | 317.0 | 318.5 |
| 7.5°  | 275.4 | 265.4 | 255.3 | 256.8 |
| 10°   | 251.0 | 248.2 | 243.9 | 246.7 |
| 12.5° | 154.9 | 146.3 | 136.3 | 132.0 |
| 15°   | 94.7  | 94.7  | 94.7  | 93.2  |
| 17.5° | 77.5  | 71.7  | 64.6  | 66.0  |
| 20°   | 67.4  | 68.9  | 70.3  | 70.3  |
| 22.5° | 58.8  | 55.9  | 53.1  | 53.1  |
| 25°   | 58.8  | 58.8  | 58.8  | 58.8  |
| 27.5° | 44.5  | 44.5  | 43.0  | 43.0  |
| 30°   | 45.9  | 45.9  | 44.5  | 43.0  |
| 32.5° | 37.3  | 37.3  | 37.3  | 37.3  |
| 35°   | 31.6  | 30.1  | 28.7  | 28.7  |
| 37.5° | 24.4  | 23.0  | 21.5  | 21.5  |
| 40°   | 17.2  | 17.2  | 15.8  | 15.8  |
| 42.5° | 12.9  | 12.9  | 11.5  | 11.5  |
| 45°   | 8.6   | 8.6   | 8.6   | 8.6   |
| 47.5° | 5.7   | 5.7   | 5.7   | 5.7   |
| 50°   | 4.3   | 4.3   | 4.3   | 4.3   |
| 52.5° | 4.3   | 4.3   | 2.9   | 2.9   |
| 55°   | 2.9   | 2.9   | 2.9   | 2.9   |
| 57.5° | 2.9   | 2.9   | 2.9   | 2.9   |
| 60°   | 2.9   | 2.9   | 1.4   | 1.4   |
| 62.5° | 1.4   | 1.4   | 1.4   | 1.4   |
| 65°   | 1.4   | 1.4   | 0.0   | 0.0   |
| 67.5° | 0.0   | 0.0   | 0.0   | 0.0   |
| 70°   | 0.0   | 0.0   | 0.0   | 0.0   |
| 72.5° | 1.4   | 1.4   | 0.0   | 0.0   |
| 75°   | 1.4   | 1.4   | 0.0   | 0.0   |
| 77.5° | 1.4   | 1.4   | 0.0   | 0.0   |
| 80°   | 1.4   | 1.4   | 0.0   | 0.0   |
| 82.5° | 1.4   | 1.4   | 1.4   | 0.0   |
| 85°   | 2.9   | 2.9   | 1.4   | 0.0   |
| 87.5° | 2.9   | 2.9   | 1.4   | 0.0   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)