

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: P560373

Luminaire Tested: **SDL-PA1-40-730-U-T4W**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P560373  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-12)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: SDL-PA1-40-730-U-T4W  
Description: Springdale  
(1) 70 CRI, 3000K, 500mA LIGHT ENGINE WITH 24 LEDS AND TYPE IV WIDE OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4491.9 lumens  
Efficiency: N/A  
Efficacy: 114.0 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 - U0 - G2

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



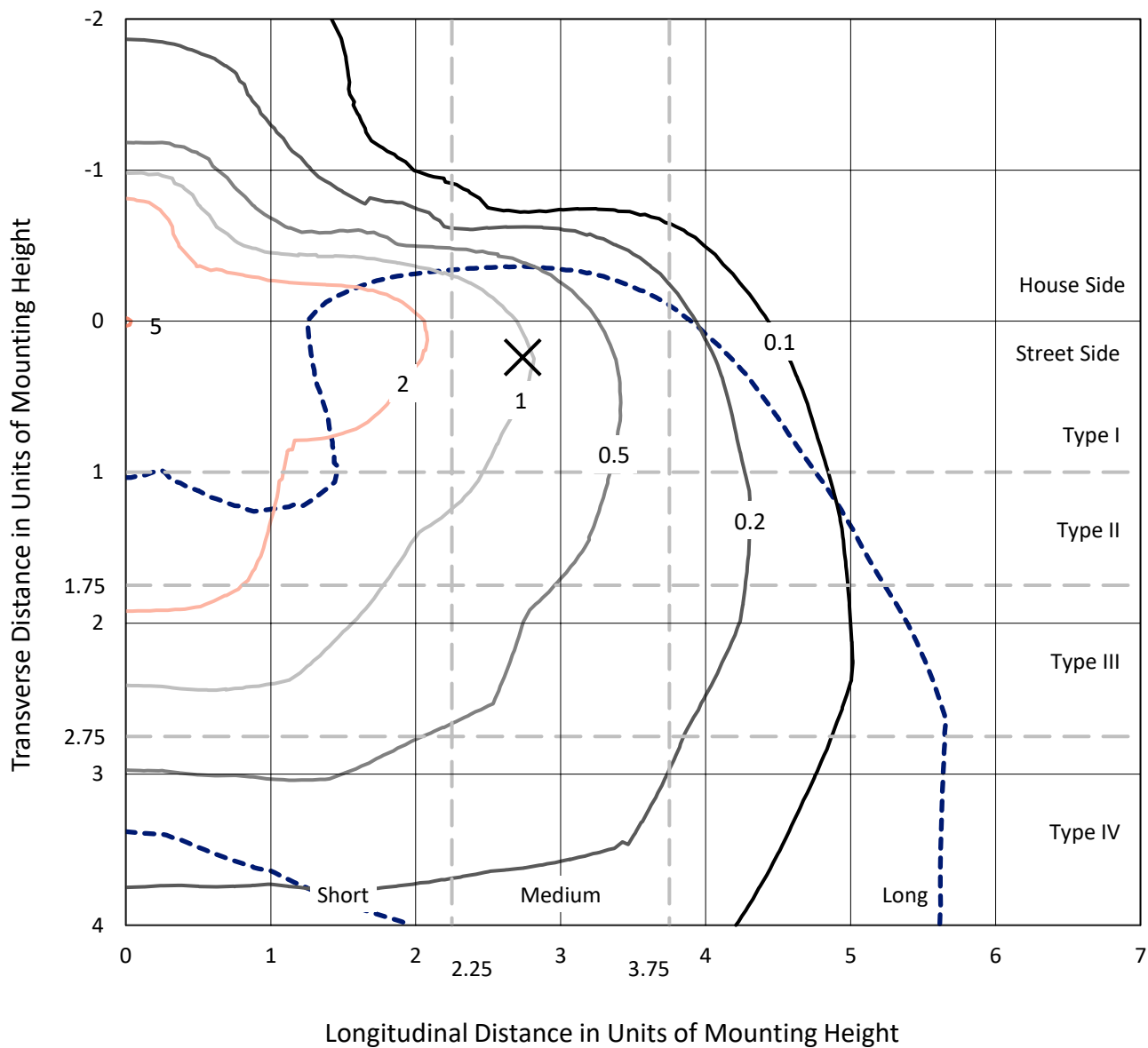
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## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

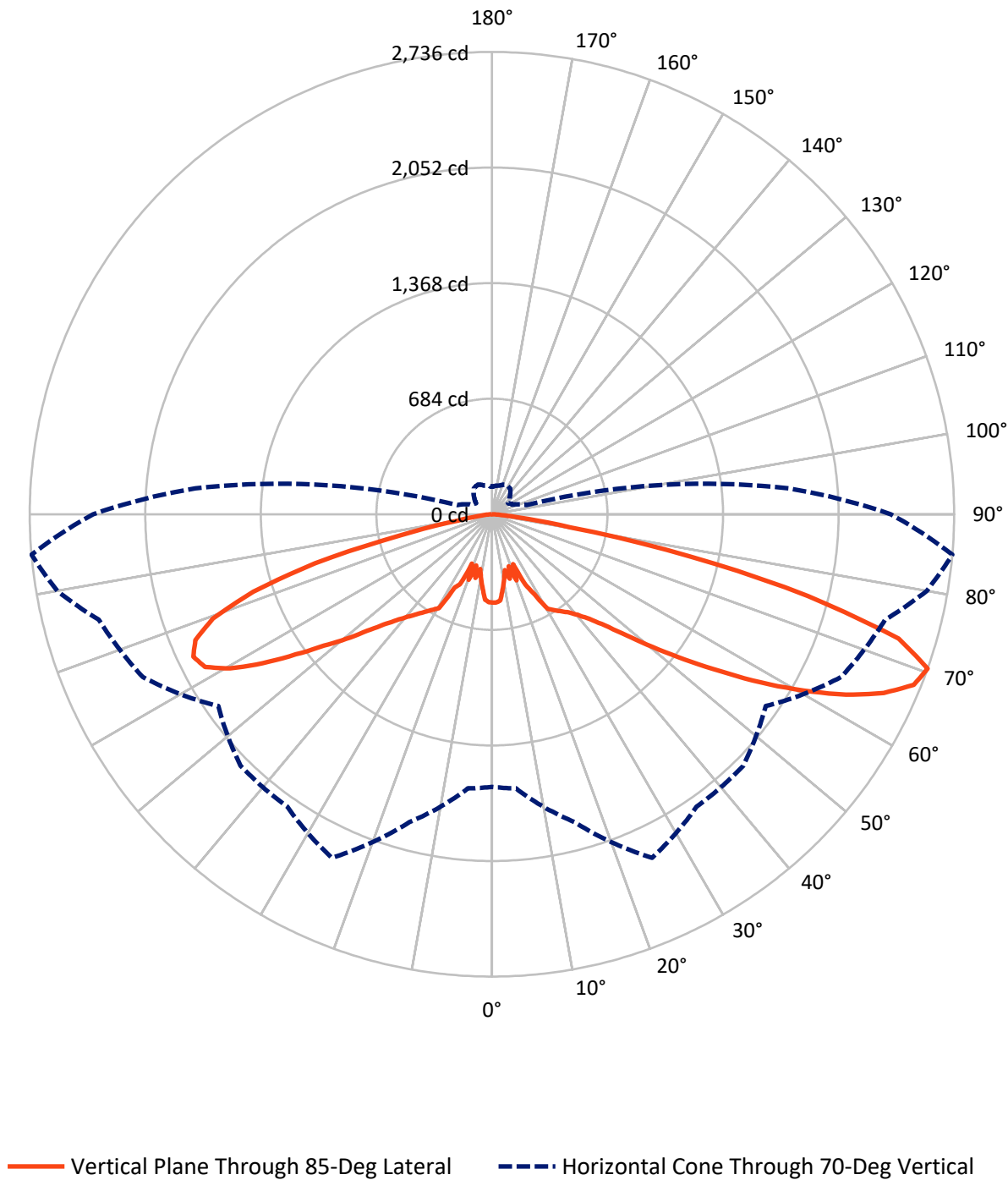


Based on 10 foot mounting height. Maximum calculated value = 5.2 fc  
 Type IV - Medium - N/A

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## Luminous Intensity Polar Plot



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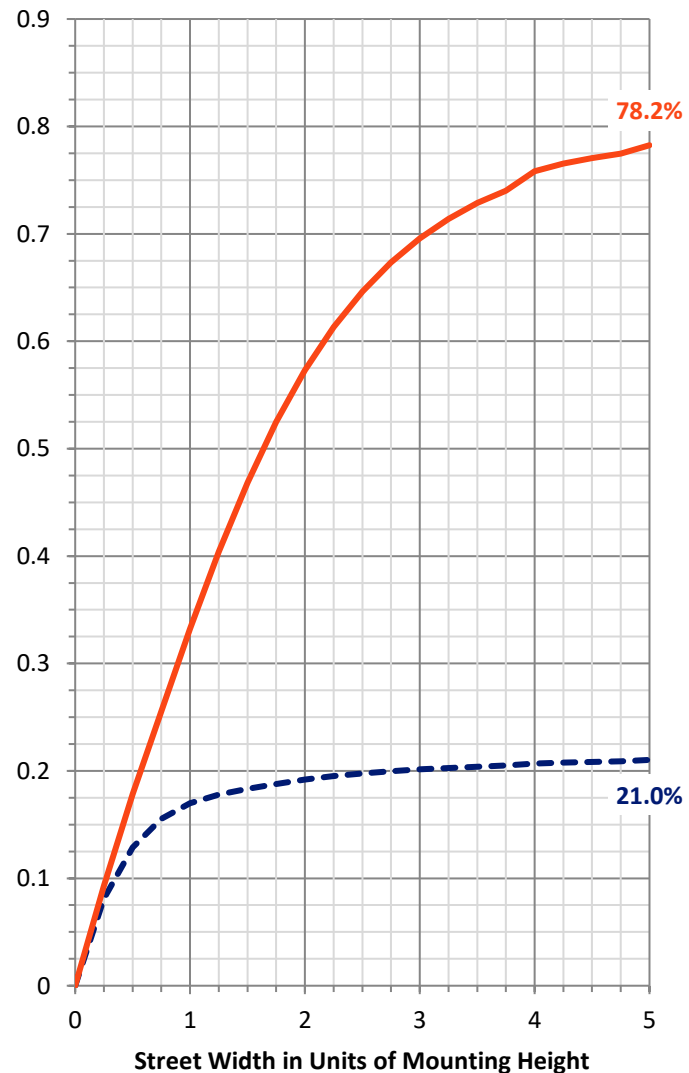
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 965.8    | 0.0    | 965.8  |
|                    | % Fixture | 21.5     | 0.0    | 21.5   |
| <b>Street Side</b> | Lumens    | 3526.1   | 0.0    | 3526.1 |
|                    | % Fixture | 78.5     | 0.0    | 78.5   |
| <b>Total</b>       | Lumens    | 4491.9   | 0.0    | 4491.9 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 43.4   | 1.0       |
| 10°-20°   | 109.3  | 2.4       |
| 20°-30°   | 191.1  | 4.3       |
| 30°-40°   | 336.6  | 7.5       |
| 40°-50°   | 507.8  | 11.3      |
| 50°-60°   | 807.8  | 18.0      |
| 60°-70°   | 1184.5 | 26.4      |
| 70°-80°   | 1110.7 | 24.7      |
| 80°-90°   | 200.6  | 4.5       |
| 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°    | 4491.9 | 100.0     |
| 0°-180°   | 4491.9 | 100.0     |



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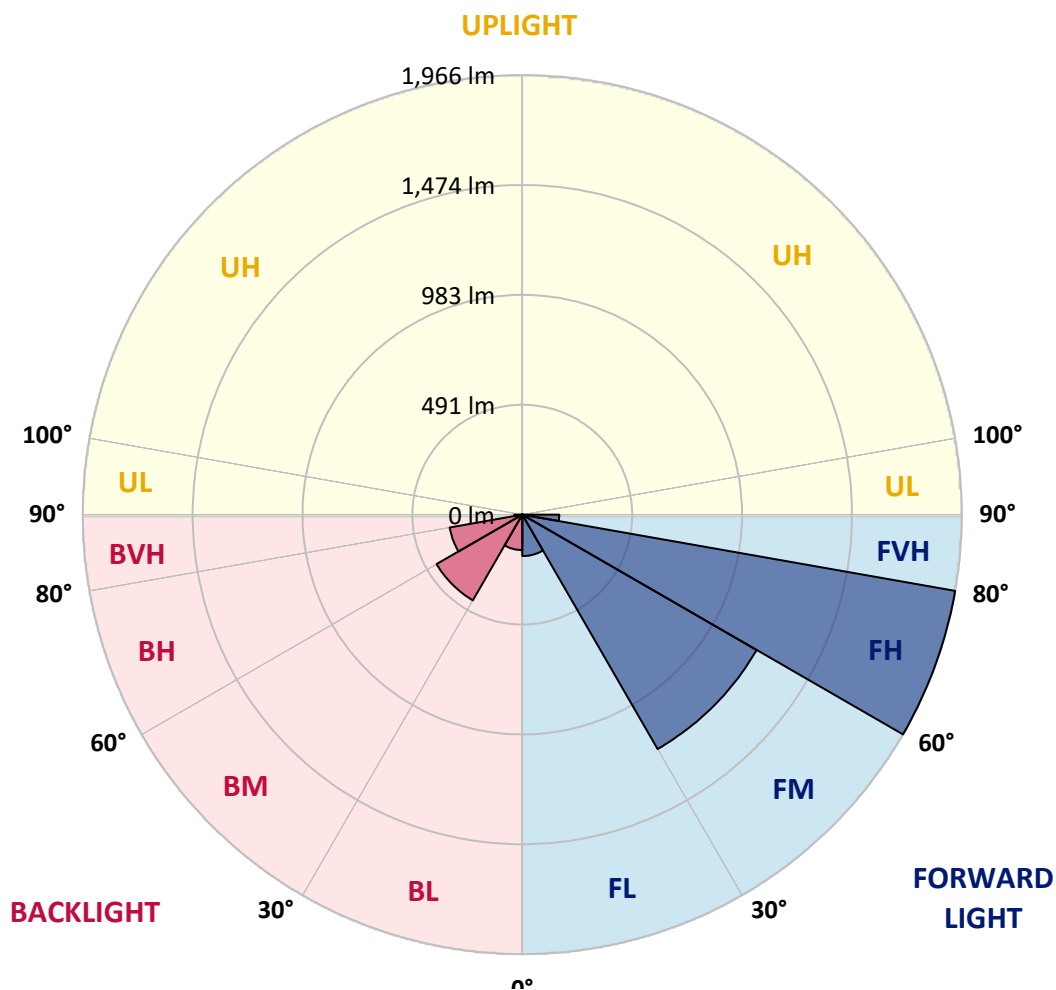
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 185.2  | 4.1       |                         |      |         |
| FM   | (30°-60°)   | 1210.1 | 26.9      |                         |      |         |
| FH   | (60°-80°)   | 1965.6 | 43.8      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 165.1  | 3.7       |                         |      | G2/225  |
| BL   | (0°-30°)    | 158.6  | 3.5       | B1/500                  |      |         |
| BM   | (30°-60°)   | 442.1  | 9.8       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 329.7  | 7.3       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 35.4   | 0.8       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G2**

Type IV Medium



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 522.3  | 522.3  | 522.3  | 522.3  | 522.3  | 522.3  | 522.3  | 522.3  | 522.3  | 522.3  | 522.3  |
| 2.5°  | 474.2  | 494.1  | 504.1  | 514.0  | 517.4  | 520.7  | 520.7  | 519.0  | 519.0  | 519.0  | 522.3  |
| 5°    | 482.5  | 480.9  | 480.9  | 480.9  | 479.2  | 477.6  | 475.9  | 472.6  | 470.9  | 467.6  | 466.0  |
| 7.5°  | 442.7  | 475.9  | 477.6  | 479.2  | 479.2  | 477.6  | 480.9  | 484.2  | 480.9  | 475.9  | 469.3  |
| 10°   | 525.6  | 524.0  | 520.7  | 517.4  | 512.4  | 507.4  | 469.3  | 429.5  | 432.8  | 436.1  | 404.6  |
| 12.5° | 456.0  | 487.5  | 500.8  | 514.0  | 515.7  | 515.7  | 489.2  | 461.0  | 424.5  | 388.0  | 373.1  |
| 15°   | 557.2  | 553.8  | 547.2  | 540.6  | 495.8  | 449.4  | 422.8  | 396.3  | 396.3  | 396.3  | 351.5  |
| 17.5° | 469.3  | 467.6  | 497.5  | 527.3  | 510.7  | 494.1  | 456.0  | 417.9  | 361.5  | 303.4  | 339.9  |
| 20°   | 575.4  | 575.4  | 567.1  | 558.8  | 482.5  | 404.6  | 409.6  | 412.9  | 414.5  | 414.5  | 398.0  |
| 22.5° | 482.5  | 479.2  | 482.5  | 484.2  | 484.2  | 484.2  | 414.5  | 344.9  | 383.0  | 419.5  | 381.4  |
| 25°   | 575.4  | 577.1  | 575.4  | 573.7  | 504.1  | 432.8  | 444.4  | 456.0  | 402.9  | 348.2  | 384.7  |
| 27.5° | 502.4  | 500.8  | 492.5  | 484.2  | 485.9  | 487.5  | 451.0  | 412.9  | 434.4  | 456.0  | 417.9  |
| 30°   | 615.2  | 616.8  | 611.9  | 605.2  | 535.6  | 466.0  | 462.6  | 457.7  | 442.7  | 427.8  | 441.1  |
| 32.5° | 742.9  | 742.9  | 691.5  | 640.1  | 596.9  | 552.2  | 515.7  | 479.2  | 494.1  | 509.1  | 492.5  |
| 35°   | 810.9  | 807.5  | 791.0  | 772.7  | 693.1  | 611.9  | 562.1  | 510.7  | 515.7  | 519.0  | 519.0  |
| 37.5° | 931.9  | 930.2  | 907.0  | 883.8  | 776.0  | 666.6  | 601.9  | 535.6  | 545.5  | 553.8  | 542.2  |
| 40°   | 1082.8 | 1082.8 | 1064.6 | 1044.7 | 907.0  | 767.7  | 676.5  | 585.3  | 583.7  | 580.4  | 567.1  |
| 42.5° | 1228.7 | 1233.7 | 1222.1 | 1210.5 | 1049.6 | 888.8  | 769.4  | 650.0  | 635.1  | 620.2  | 606.9  |
| 45°   | 1324.9 | 1331.5 | 1341.5 | 1351.4 | 1192.2 | 1033.1 | 893.8  | 752.8  | 724.6  | 694.8  | 671.6  |
| 47.5° | 1422.7 | 1412.8 | 1426.0 | 1439.3 | 1303.3 | 1167.4 | 1014.8 | 862.3  | 815.8  | 769.4  | 744.5  |
| 50°   | 1513.9 | 1510.6 | 1515.6 | 1520.6 | 1409.5 | 1298.4 | 1140.8 | 983.3  | 926.9  | 868.9  | 840.7  |
| 52.5° | 1633.3 | 1621.7 | 1615.1 | 1608.4 | 1513.9 | 1419.4 | 1270.2 | 1119.3 | 1053.0 | 985.0  | 951.8  |
| 55°   | 1747.7 | 1742.8 | 1732.8 | 1721.2 | 1640.0 | 1558.7 | 1401.2 | 1243.6 | 1174.0 | 1104.4 | 1066.2 |
| 57.5° | 1865.5 | 1862.2 | 1860.5 | 1858.8 | 1787.5 | 1716.2 | 1555.4 | 1392.9 | 1313.3 | 1232.0 | 1200.5 |
| 60°   | 1976.6 | 1978.2 | 1991.5 | 2003.1 | 1948.4 | 1893.7 | 1731.2 | 1568.7 | 1467.5 | 1364.7 | 1333.2 |
| 62.5° | 2042.9 | 2047.9 | 2081.0 | 2112.5 | 2082.7 | 2052.8 | 1885.4 | 1716.2 | 1610.1 | 1502.3 | 1480.8 |
| 65°   | 1958.3 | 1983.2 | 2079.4 | 2175.5 | 2175.5 | 2175.5 | 2023.0 | 1868.8 | 1775.9 | 1683.1 | 1664.8 |
| 67.5° | 1769.3 | 1794.2 | 1931.8 | 2067.8 | 2139.1 | 2210.4 | 2110.9 | 2011.4 | 1948.4 | 1883.7 | 1860.5 |
| 70°   | 1613.4 | 1628.3 | 1757.7 | 1885.4 | 2064.4 | 2243.5 | 2178.9 | 2112.5 | 2109.2 | 2104.2 | 2041.2 |
| 72.5° | 1482.4 | 1515.6 | 1621.7 | 1726.2 | 1973.2 | 2220.3 | 2218.7 | 2217.0 | 2285.0 | 2353.0 | 2231.9 |
| 75°   | 1185.6 | 1182.3 | 1281.8 | 1381.3 | 1659.9 | 1936.8 | 2092.6 | 2246.9 | 2442.5 | 2636.5 | 2450.8 |
| 77.5° | 529.0  | 565.4  | 660.0  | 754.5  | 1004.9 | 1253.6 | 1553.7 | 1853.9 | 2285.0 | 2714.5 | 2525.4 |
| 80°   | 150.9  | 159.2  | 185.7  | 210.6  | 328.3  | 444.4  | 759.5  | 1072.9 | 1615.1 | 2155.7 | 2028.0 |
| 82.5° | 79.6   | 82.9   | 99.5   | 114.4  | 147.6  | 179.1  | 298.5  | 416.2  | 882.2  | 1346.5 | 1230.4 |
| 85°   | 38.1   | 34.8   | 44.8   | 53.1   | 71.3   | 89.5   | 137.6  | 185.7  | 341.6  | 497.5  | 429.5  |
| 87.5° | 8.3    | 8.3    | 9.9    | 9.9    | 14.9   | 19.9   | 29.8   | 39.8   | 38.1   | 34.8   | 41.5   |
| 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°    | 522.3  | 522.3  | 522.3  | 522.3  | 522.3  | 522.3  | 522.3  | 522.3  | 522.3  | 522.3  | 522.3 |
| 2.5°  | 524.0  | 525.6  | 527.3  | 525.6  | 524.0  | 522.3  | 522.3  | 520.7  | 520.7  | 519.0  | 515.7 |
| 5°    | 464.3  | 487.5  | 510.7  | 512.4  | 514.0  | 514.0  | 512.4  | 510.7  | 507.4  | 505.7  | 502.4 |
| 7.5°  | 462.6  | 454.3  | 446.1  | 447.7  | 449.4  | 451.0  | 451.0  | 446.1  | 444.4  | 431.1  | 417.9 |
| 10°   | 371.4  | 363.1  | 354.9  | 359.8  | 364.8  | 383.0  | 393.0  | 389.7  | 386.4  | 363.1  | 338.3 |
| 12.5° | 358.2  | 354.9  | 351.5  | 326.7  | 301.8  | 323.3  | 338.3  | 336.6  | 331.6  | 310.1  | 288.5 |
| 15°   | 306.8  | 308.4  | 308.4  | 336.6  | 364.8  | 383.0  | 396.3  | 393.0  | 389.7  | 363.1  | 336.6 |
| 17.5° | 374.8  | 356.5  | 336.6  | 331.6  | 326.7  | 335.0  | 323.3  | 305.1  | 316.7  | 313.4  | 310.1 |
| 20°   | 379.7  | 335.0  | 288.5  | 335.0  | 381.4  | 393.0  | 417.9  | 416.2  | 411.2  | 388.0  | 364.8 |
| 22.5° | 343.2  | 369.8  | 394.6  | 369.8  | 344.9  | 328.3  | 320.0  | 316.7  | 315.1  | 321.7  | 326.7 |
| 25°   | 421.2  | 371.4  | 320.0  | 381.4  | 441.1  | 454.3  | 461.0  | 456.0  | 454.3  | 424.5  | 394.6 |
| 27.5° | 378.1  | 404.6  | 431.1  | 451.0  | 470.9  | 487.5  | 537.3  | 489.2  | 487.5  | 459.3  | 429.5 |
| 30°   | 452.7  | 480.9  | 509.1  | 560.5  | 611.9  | 640.1  | 650.0  | 646.7  | 638.4  | 593.6  | 548.9 |
| 32.5° | 475.9  | 532.3  | 587.0  | 610.2  | 631.8  | 661.6  | 676.5  | 674.9  | 666.6  | 613.5  | 558.8 |
| 35°   | 519.0  | 560.5  | 601.9  | 633.4  | 663.3  | 691.5  | 704.7  | 709.7  | 699.8  | 633.4  | 565.4 |
| 37.5° | 530.6  | 583.7  | 636.7  | 669.9  | 703.1  | 724.6  | 736.2  | 751.2  | 739.6  | 660.0  | 578.7 |
| 40°   | 553.8  | 616.8  | 678.2  | 711.4  | 742.9  | 762.8  | 782.7  | 800.9  | 786.0  | 689.8  | 592.0 |
| 42.5° | 592.0  | 656.6  | 719.7  | 757.8  | 794.3  | 822.5  | 845.7  | 870.6  | 842.4  | 718.0  | 592.0 |
| 45°   | 648.4  | 708.0  | 767.7  | 819.1  | 868.9  | 903.7  | 936.9  | 971.7  | 915.3  | 754.5  | 592.0 |
| 47.5° | 719.7  | 777.7  | 834.1  | 915.3  | 996.6  | 1028.1 | 1067.9 | 1101.0 | 1009.8 | 800.9  | 592.0 |
| 50°   | 810.9  | 875.5  | 940.2  | 1048.0 | 1154.1 | 1183.9 | 1233.7 | 1258.6 | 1135.9 | 872.2  | 606.9 |
| 52.5° | 917.0  | 988.3  | 1057.9 | 1183.9 | 1310.0 | 1359.7 | 1426.0 | 1442.6 | 1263.5 | 943.5  | 621.8 |
| 55°   | 1028.1 | 1124.3 | 1218.8 | 1358.1 | 1495.7 | 1543.8 | 1638.3 | 1651.6 | 1427.7 | 1031.4 | 633.4 |
| 57.5° | 1169.0 | 1281.8 | 1392.9 | 1528.9 | 1663.2 | 1731.2 | 1878.7 | 1883.7 | 1618.4 | 1139.2 | 658.3 |
| 60°   | 1301.7 | 1442.6 | 1581.9 | 1711.3 | 1840.6 | 1946.7 | 2117.5 | 2119.2 | 1797.5 | 1220.4 | 641.7 |
| 62.5° | 1459.2 | 1626.7 | 1792.5 | 1903.6 | 2014.7 | 2145.7 | 2351.3 | 2321.5 | 1923.5 | 1230.4 | 537.3 |
| 65°   | 1644.9 | 1817.4 | 1989.8 | 2084.3 | 2177.2 | 2326.4 | 2548.6 | 2434.2 | 1958.3 | 1174.0 | 388.0 |
| 67.5° | 1835.6 | 1996.5 | 2157.3 | 2231.9 | 2306.5 | 2495.6 | 2692.9 | 2447.5 | 1906.9 | 1089.4 | 270.3 |
| 70°   | 1978.2 | 2129.1 | 2280.0 | 2344.7 | 2409.4 | 2613.3 | 2736.0 | 2361.3 | 1762.7 | 986.6  | 210.6 |
| 72.5° | 2109.2 | 2251.8 | 2392.8 | 2425.9 | 2457.4 | 2561.9 | 2517.1 | 2081.0 | 1485.7 | 830.8  | 174.1 |
| 75°   | 2265.1 | 2356.3 | 2445.8 | 2386.1 | 2326.4 | 2185.5 | 1931.8 | 1517.2 | 1087.8 | 618.5  | 149.2 |
| 77.5° | 2336.4 | 2314.8 | 2291.6 | 2087.7 | 1883.7 | 1505.6 | 1200.5 | 877.2  | 552.2  | 339.9  | 127.7 |
| 80°   | 1900.3 | 1814.1 | 1726.2 | 1384.6 | 1043.0 | 713.0  | 467.6  | 296.8  | 202.3  | 152.6  | 102.8 |
| 82.5° | 1112.6 | 912.0  | 711.4  | 522.3  | 333.3  | 233.8  | 152.6  | 121.0  | 94.5   | 89.5   | 82.9  |
| 85°   | 359.8  | 318.4  | 276.9  | 218.9  | 160.8  | 99.5   | 58.0   | 53.1   | 49.7   | 54.7   | 58.0  |
| 87.5° | 48.1   | 48.1   | 46.4   | 34.8   | 21.6   | 11.6   | 6.6    | 5.0    | 5.0    | 6.6    | 6.6   |
| 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°    | 522.3 | 522.3 | 522.3 | 522.3 | 522.3 | 522.3 | 522.3 | 522.3 | 522.3 | 522.3 | 522.3 |
| 2.5°  | 515.7 | 514.0 | 512.4 | 510.7 | 509.1 | 505.7 | 492.5 | 479.2 | 474.2 | 467.6 | 462.6 |
| 5°    | 485.9 | 469.3 | 457.7 | 446.1 | 441.1 | 434.4 | 436.1 | 437.8 | 439.4 | 439.4 | 439.4 |
| 7.5°  | 421.2 | 424.5 | 426.2 | 426.2 | 431.1 | 434.4 | 437.8 | 439.4 | 432.8 | 426.2 | 417.9 |
| 10°   | 335.0 | 330.0 | 336.6 | 341.6 | 349.9 | 356.5 | 378.1 | 399.6 | 419.5 | 439.4 | 447.7 |
| 12.5° | 305.1 | 321.7 | 308.4 | 295.2 | 321.7 | 346.6 | 376.4 | 406.3 | 424.5 | 441.1 | 426.2 |
| 15°   | 310.1 | 281.9 | 285.2 | 286.9 | 320.0 | 351.5 | 333.3 | 315.1 | 366.5 | 416.2 | 431.1 |
| 17.5° | 305.1 | 300.1 | 318.4 | 335.0 | 303.4 | 271.9 | 316.7 | 359.8 | 383.0 | 406.3 | 399.6 |
| 20°   | 330.0 | 293.5 | 293.5 | 293.5 | 321.7 | 349.9 | 328.3 | 306.8 | 331.6 | 356.5 | 398.0 |
| 22.5° | 341.6 | 354.9 | 328.3 | 300.1 | 318.4 | 336.6 | 336.6 | 335.0 | 363.1 | 389.7 | 383.0 |
| 25°   | 344.9 | 295.2 | 318.4 | 339.9 | 328.3 | 315.1 | 330.0 | 343.2 | 351.5 | 359.8 | 396.3 |
| 27.5° | 394.6 | 359.8 | 333.3 | 305.1 | 326.7 | 348.2 | 343.2 | 338.3 | 344.9 | 351.5 | 359.8 |
| 30°   | 467.6 | 386.4 | 356.5 | 325.0 | 313.4 | 300.1 | 315.1 | 328.3 | 353.2 | 378.1 | 411.2 |
| 32.5° | 489.2 | 417.9 | 369.8 | 320.0 | 318.4 | 315.1 | 320.0 | 323.3 | 351.5 | 378.1 | 424.5 |
| 35°   | 485.9 | 404.6 | 358.2 | 310.1 | 300.1 | 290.2 | 298.5 | 305.1 | 346.6 | 388.0 | 432.8 |
| 37.5° | 482.5 | 384.7 | 336.6 | 288.5 | 281.9 | 273.6 | 281.9 | 290.2 | 321.7 | 353.2 | 394.6 |
| 40°   | 477.6 | 361.5 | 315.1 | 267.0 | 258.7 | 250.4 | 258.7 | 265.3 | 290.2 | 315.1 | 348.2 |
| 42.5° | 466.0 | 338.3 | 291.8 | 243.8 | 237.1 | 228.8 | 235.5 | 242.1 | 263.7 | 285.2 | 305.1 |
| 45°   | 452.7 | 311.7 | 267.0 | 222.2 | 215.6 | 208.9 | 213.9 | 217.2 | 237.1 | 255.4 | 265.3 |
| 47.5° | 437.8 | 283.6 | 242.1 | 200.6 | 194.0 | 187.4 | 192.4 | 195.7 | 210.6 | 225.5 | 228.8 |
| 50°   | 434.4 | 260.3 | 222.2 | 182.4 | 177.4 | 170.8 | 174.1 | 177.4 | 189.0 | 199.0 | 199.0 |
| 52.5° | 427.8 | 232.1 | 200.6 | 167.5 | 164.2 | 159.2 | 160.8 | 162.5 | 170.8 | 179.1 | 177.4 |
| 55°   | 422.8 | 212.2 | 184.1 | 155.9 | 152.6 | 147.6 | 149.2 | 150.9 | 159.2 | 165.8 | 164.2 |
| 57.5° | 427.8 | 195.7 | 170.8 | 144.3 | 140.9 | 137.6 | 140.9 | 144.3 | 152.6 | 160.8 | 160.8 |
| 60°   | 411.2 | 179.1 | 155.9 | 132.7 | 131.0 | 127.7 | 136.0 | 142.6 | 155.9 | 167.5 | 170.8 |
| 62.5° | 351.5 | 164.2 | 144.3 | 124.4 | 126.0 | 126.0 | 140.9 | 154.2 | 172.5 | 189.0 | 192.4 |
| 65°   | 270.3 | 152.6 | 136.0 | 117.7 | 126.0 | 134.3 | 154.2 | 174.1 | 190.7 | 207.3 | 202.3 |
| 67.5° | 207.3 | 144.3 | 131.0 | 116.1 | 134.3 | 150.9 | 169.1 | 187.4 | 195.7 | 202.3 | 194.0 |
| 70°   | 174.1 | 136.0 | 126.0 | 114.4 | 132.7 | 150.9 | 169.1 | 187.4 | 190.7 | 194.0 | 185.7 |
| 72.5° | 152.6 | 129.3 | 119.4 | 109.4 | 124.4 | 139.3 | 160.8 | 180.7 | 184.1 | 185.7 | 177.4 |
| 75°   | 136.0 | 121.0 | 109.4 | 97.8  | 112.8 | 126.0 | 147.6 | 169.1 | 172.5 | 174.1 | 167.5 |
| 77.5° | 119.4 | 111.1 | 97.8  | 84.6  | 99.5  | 114.4 | 134.3 | 154.2 | 159.2 | 164.2 | 155.9 |
| 80°   | 99.5  | 94.5  | 84.6  | 74.6  | 91.2  | 106.1 | 124.4 | 142.6 | 147.6 | 152.6 | 144.3 |
| 82.5° | 79.6  | 76.3  | 69.6  | 63.0  | 79.6  | 96.2  | 114.4 | 131.0 | 136.0 | 139.3 | 129.3 |
| 85°   | 58.0  | 58.0  | 54.7  | 51.4  | 68.0  | 82.9  | 94.5  | 106.1 | 104.5 | 102.8 | 96.2  |
| 87.5° | 8.3   | 8.3   | 11.6  | 14.9  | 19.9  | 23.2  | 29.8  | 34.8  | 36.5  | 36.5  | 28.2  |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

REPORT NUMBER: P560373

CATALOG NUMBER: SDL-PA1-40-730-U-T4W

**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|
| 0°    | 522.3 | 522.3 | 522.3 | 522.3 |
| 2.5°  | 457.7 | 457.7 | 456.0 | 459.3 |
| 5°    | 439.4 | 441.1 | 441.1 | 442.7 |
| 7.5°  | 409.6 | 401.3 | 391.3 | 393.0 |
| 10°   | 456.0 | 457.7 | 459.3 | 459.3 |
| 12.5° | 409.6 | 402.9 | 394.6 | 396.3 |
| 15°   | 444.4 | 449.4 | 454.3 | 456.0 |
| 17.5° | 391.3 | 389.7 | 388.0 | 386.4 |
| 20°   | 437.8 | 446.1 | 454.3 | 454.3 |
| 22.5° | 376.4 | 376.4 | 376.4 | 378.1 |
| 25°   | 432.8 | 442.7 | 451.0 | 451.0 |
| 27.5° | 366.5 | 389.7 | 412.9 | 431.1 |
| 30°   | 442.7 | 447.7 | 452.7 | 454.3 |
| 32.5° | 469.3 | 494.1 | 517.4 | 522.3 |
| 35°   | 475.9 | 487.5 | 497.5 | 502.4 |
| 37.5° | 436.1 | 446.1 | 456.0 | 462.6 |
| 40°   | 379.7 | 388.0 | 396.3 | 401.3 |
| 42.5° | 323.3 | 325.0 | 326.7 | 335.0 |
| 45°   | 275.3 | 267.0 | 258.7 | 257.0 |
| 47.5° | 230.5 | 218.9 | 207.3 | 205.6 |
| 50°   | 197.3 | 187.4 | 177.4 | 177.4 |
| 52.5° | 174.1 | 167.5 | 160.8 | 160.8 |
| 55°   | 162.5 | 159.2 | 154.2 | 154.2 |
| 57.5° | 160.8 | 159.2 | 157.5 | 157.5 |
| 60°   | 172.5 | 174.1 | 174.1 | 174.1 |
| 62.5° | 194.0 | 195.7 | 195.7 | 195.7 |
| 65°   | 195.7 | 192.4 | 189.0 | 189.0 |
| 67.5° | 185.7 | 180.7 | 175.8 | 172.5 |
| 70°   | 175.8 | 172.5 | 167.5 | 162.5 |
| 72.5° | 167.5 | 164.2 | 159.2 | 154.2 |
| 75°   | 159.2 | 154.2 | 147.6 | 144.3 |
| 77.5° | 147.6 | 144.3 | 139.3 | 136.0 |
| 80°   | 134.3 | 131.0 | 126.0 | 119.4 |
| 82.5° | 119.4 | 121.0 | 121.0 | 104.5 |
| 85°   | 87.9  | 82.9  | 76.3  | 63.0  |
| 87.5° | 18.2  | 16.6  | 13.3  | 11.6  |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |



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