

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: P561060

Luminaire Tested: **SDL-PA1-80-730-U-SL3-HSS**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P561060  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: SDL-PA1-80-730-U-SL3-HSS  
Description: Springdale  
(1) 70 CRI, 3000K, 1050mA LIGHT ENGINE WITH 24 LEDS AND TYPE III SPILL  
LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7095.3 lumens  
Efficiency: N/A  
Efficacy: 86.5 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 - U0 - G2

Input Watts (W): 82  
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

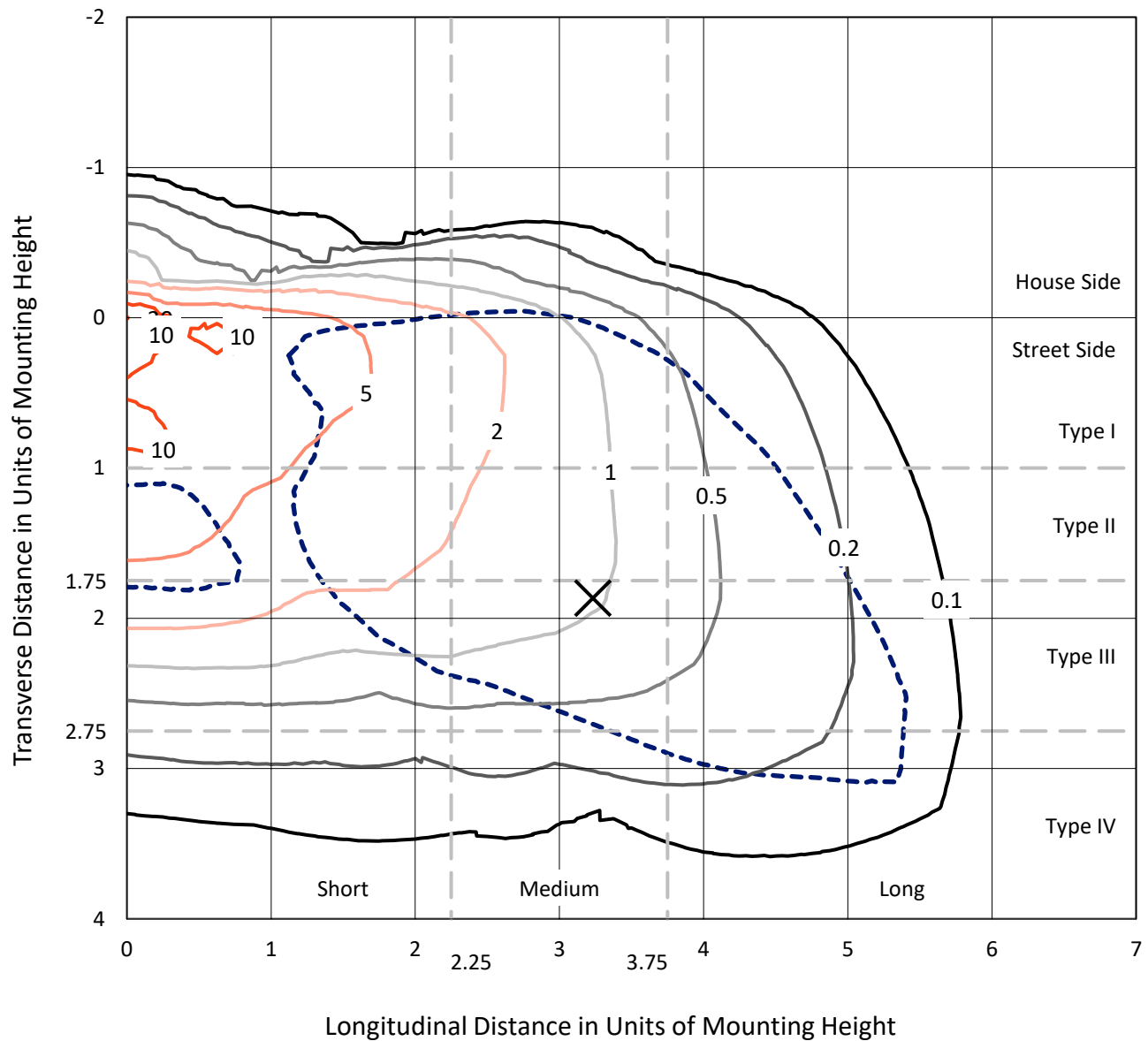


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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
- - - 1/2 Max cd

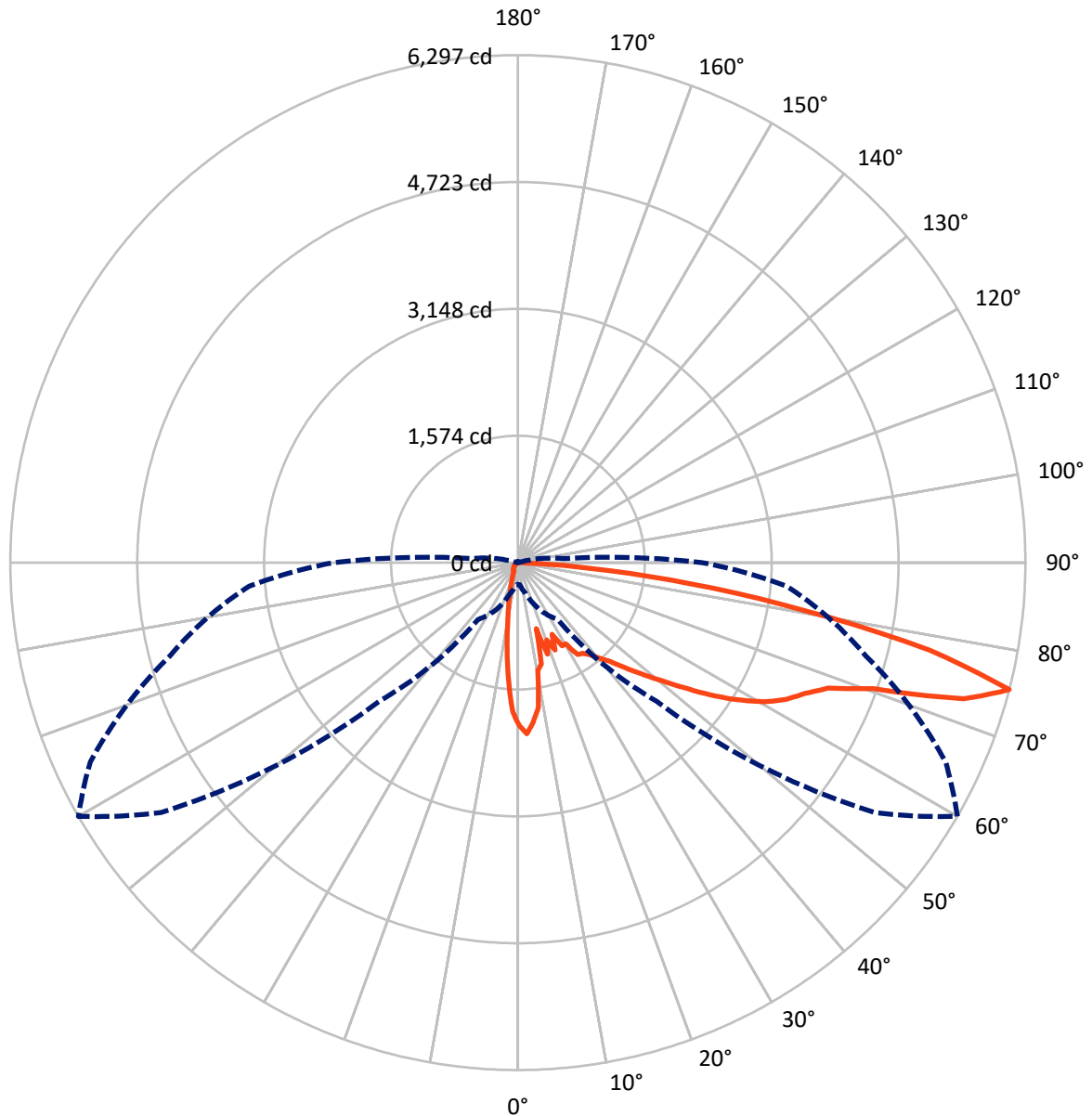


Based on 10 foot mounting height. Maximum calculated value = 20.2 fc  
Type IV - Medium - N/A

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## Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral      - - - Horizontal Cone Through 75-Deg Vertical

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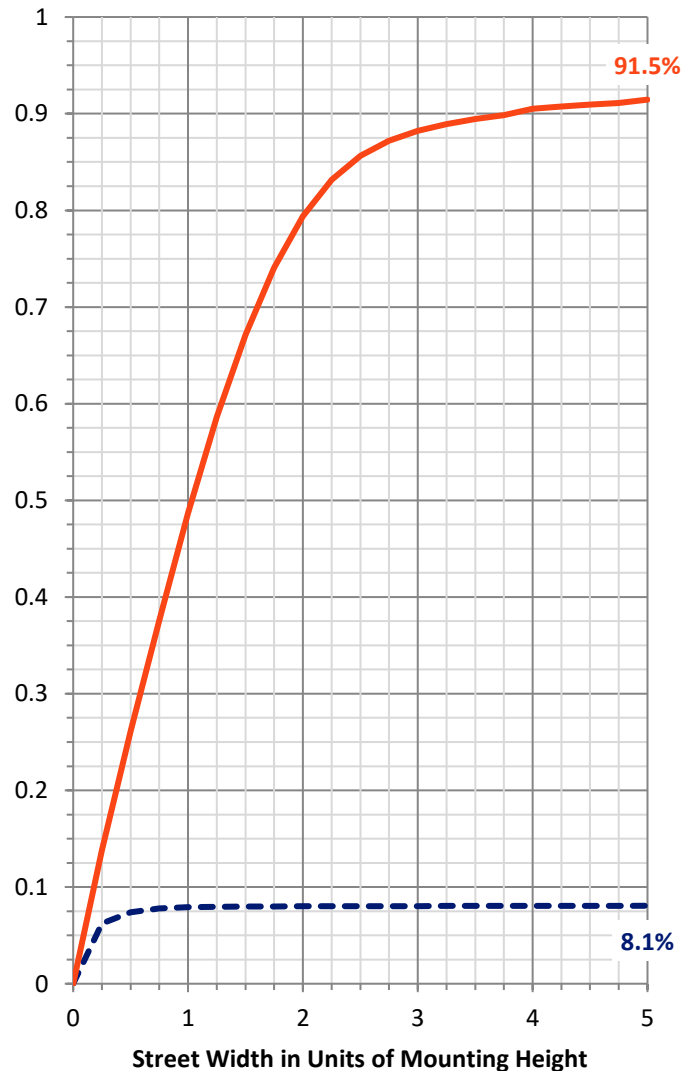
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 578.0    | 0.0    | 578.0  |
|                    | % Fixture | 8.1      | 0.0    | 8.1    |
| <b>Street Side</b> | Lumens    | 6517.3   | 0.0    | 6517.3 |
|                    | % Fixture | 91.9     | 0.0    | 91.9   |
| <b>Total</b>       | Lumens    | 7095.3   | 0.0    | 7095.3 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 139.9  | 2.0       |
| 10°-20°   | 232.1  | 3.3       |
| 20°-30°   | 332.6  | 4.7       |
| 30°-40°   | 592.2  | 8.3       |
| 40°-50°   | 974.7  | 13.7      |
| 50°-60°   | 1502.9 | 21.2      |
| 60°-70°   | 1751.6 | 24.7      |
| 70°-80°   | 1357.4 | 19.1      |
| 80°-90°   | 211.9  | 3.0       |
| 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°    | 7095.3 | 100.0     |
| 0°-180°   | 7095.3 | 100.0     |



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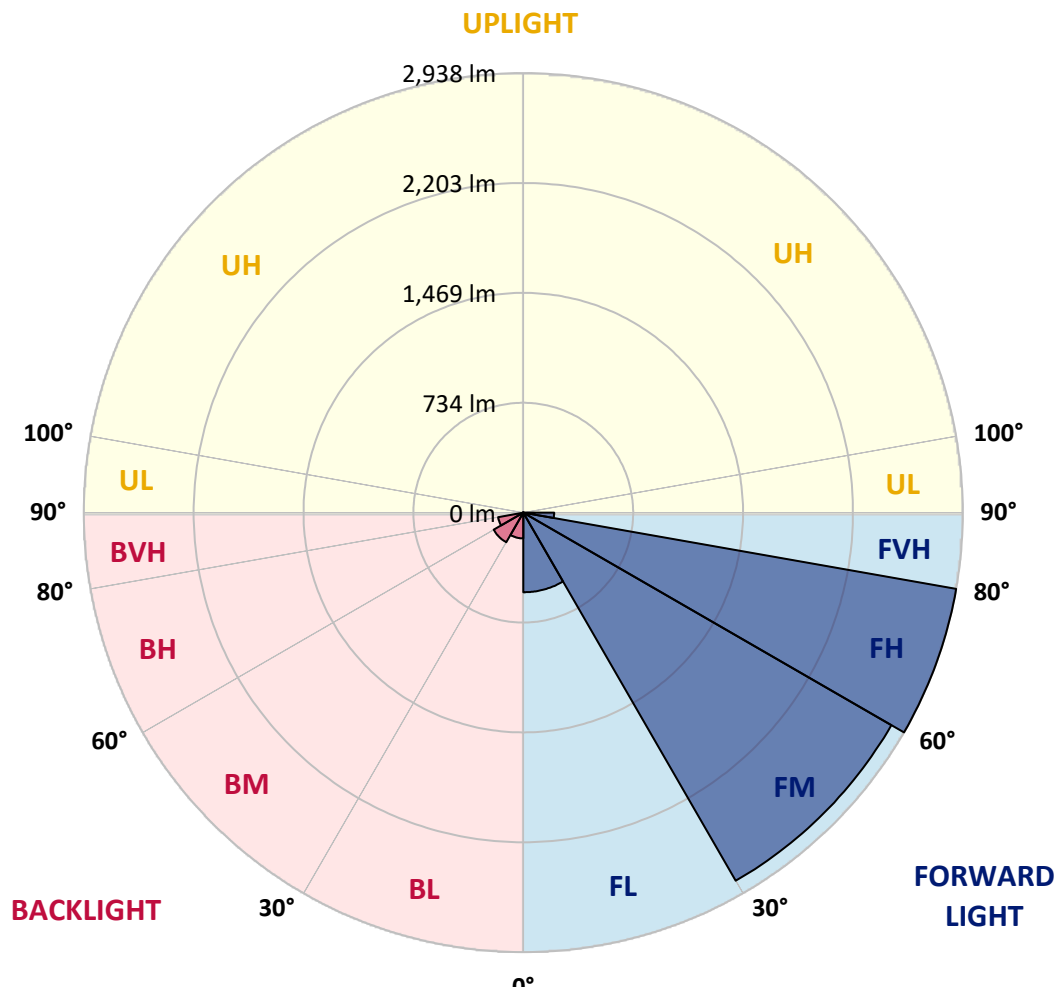
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 532.3  | 7.5       |                         |      |         |
| FM   | (30°-60°)   | 2841.0 | 40.0      |                         |      |         |
| FH   | (60°-80°)   | 2937.9 | 41.4      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 206.1  | 2.9       |                         |      | G2/225  |
| BL   | (0°-30°)    | 172.3  | 2.4       | B1/500                  |      |         |
| BM   | (30°-60°)   | 228.9  | 3.2       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 171.0  | 2.4       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 5.8    | 0.1       |                         |      | G0/10   |
| 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°    | 2021.9 | 2021.9 | 2021.9 | 2021.9 | 2021.9 | 2021.9 | 2021.9 | 2021.9 | 2021.9 | 2021.9 | 2021.9 |
| 2.5°  | 1889.3 | 1960.2 | 2003.4 | 2043.5 | 2095.8 | 2148.2 | 2151.3 | 2154.4 | 2154.4 | 2154.4 | 2151.3 |
| 5°    | 1824.6 | 1830.8 | 1830.8 | 1830.8 | 1840.0 | 1849.3 | 1855.4 | 1858.5 | 1861.6 | 1861.6 | 1858.5 |
| 7.5°  | 1427.0 | 1541.1 | 1612.0 | 1679.8 | 1698.3 | 1716.7 | 1741.4 | 1763.0 | 1781.5 | 1796.9 | 1809.2 |
| 10°   | 1581.1 | 1593.5 | 1593.5 | 1590.4 | 1605.8 | 1618.1 | 1497.9 | 1374.6 | 1423.9 | 1473.3 | 1411.6 |
| 12.5° | 1220.5 | 1282.2 | 1359.2 | 1433.2 | 1482.5 | 1531.8 | 1476.3 | 1420.9 | 1334.6 | 1245.2 | 1239.0 |
| 15°   | 1427.0 | 1436.3 | 1439.4 | 1442.4 | 1359.2 | 1272.9 | 1171.2 | 1066.4 | 1137.3 | 1208.2 | 1106.5 |
| 17.5° | 1097.2 | 1106.5 | 1192.8 | 1279.1 | 1288.3 | 1297.6 | 1232.9 | 1165.0 | 1017.1 | 869.2  | 1007.9 |
| 20°   | 1313.0 | 1319.2 | 1319.2 | 1319.2 | 1155.8 | 992.4  | 1004.8 | 1014.0 | 1060.3 | 1106.5 | 1072.6 |
| 22.5° | 1057.2 | 1044.8 | 1051.0 | 1054.1 | 1103.4 | 1149.6 | 1054.1 | 955.5  | 1026.3 | 1094.2 | 1035.6 |
| 25°   | 1322.2 | 1325.3 | 1306.8 | 1285.2 | 1140.4 | 992.4  | 1044.8 | 1094.2 | 1010.9 | 924.6  | 1007.9 |
| 27.5° | 1195.9 | 1183.5 | 1140.4 | 1097.2 | 1118.8 | 1140.4 | 1041.8 | 940.0  | 1020.2 | 1097.2 | 1060.3 |
| 30°   | 1575.0 | 1568.8 | 1513.3 | 1454.8 | 1282.2 | 1106.5 | 1088.0 | 1066.4 | 1020.2 | 970.9  | 1035.6 |
| 32.5° | 2102.0 | 2028.0 | 1821.5 | 1612.0 | 1504.1 | 1393.1 | 1257.5 | 1121.9 | 1137.3 | 1149.6 | 1158.9 |
| 35°   | 2219.1 | 2185.2 | 2095.8 | 2006.5 | 1840.0 | 1670.5 | 1485.6 | 1297.6 | 1254.4 | 1211.3 | 1235.9 |
| 37.5° | 2250.0 | 2237.6 | 2225.3 | 2209.9 | 2012.6 | 1815.4 | 1630.4 | 1442.4 | 1408.5 | 1371.5 | 1343.8 |
| 40°   | 2280.8 | 2293.1 | 2330.1 | 2364.0 | 2179.1 | 1994.1 | 1821.5 | 1645.9 | 1605.8 | 1565.7 | 1494.8 |
| 42.5° | 2404.1 | 2413.3 | 2468.8 | 2524.3 | 2345.5 | 2163.7 | 2012.6 | 1861.6 | 1803.0 | 1744.5 | 1679.8 |
| 45°   | 2666.0 | 2675.3 | 2706.1 | 2736.9 | 2570.5 | 2401.0 | 2234.5 | 2065.0 | 2018.8 | 1969.5 | 1895.5 |
| 47.5° | 3029.7 | 3039.0 | 3023.6 | 3008.2 | 2817.1 | 2622.9 | 2425.6 | 2228.4 | 2213.0 | 2197.6 | 2120.5 |
| 50°   | 3445.8 | 3433.5 | 3350.3 | 3267.1 | 3057.5 | 2847.9 | 2616.7 | 2382.5 | 2394.8 | 2407.1 | 2351.7 |
| 52.5° | 3636.9 | 3630.7 | 3535.2 | 3439.7 | 3223.9 | 3005.1 | 2764.7 | 2521.2 | 2564.3 | 2604.4 | 2573.6 |
| 55°   | 3624.6 | 3621.5 | 3556.8 | 3492.1 | 3288.6 | 3085.2 | 2860.2 | 2635.2 | 2733.8 | 2829.4 | 2810.9 |
| 57.5° | 3489.0 | 3495.1 | 3485.9 | 3476.6 | 3297.9 | 3119.1 | 2937.3 | 2755.4 | 2903.4 | 3048.2 | 3072.9 |
| 60°   | 3276.3 | 3276.3 | 3322.5 | 3365.7 | 3260.9 | 3153.0 | 3002.0 | 2847.9 | 3051.3 | 3254.7 | 3316.4 |
| 62.5° | 2832.5 | 2881.8 | 2980.4 | 3079.0 | 3113.0 | 3146.9 | 3023.6 | 2900.3 | 3180.8 | 3461.2 | 3550.6 |
| 65°   | 2182.1 | 2203.7 | 2382.5 | 2561.3 | 2727.7 | 2891.0 | 2900.3 | 2909.5 | 3337.9 | 3763.3 | 3794.1 |
| 67.5° | 1266.8 | 1356.1 | 1553.4 | 1747.6 | 2074.3 | 2397.9 | 2564.3 | 2730.8 | 3405.8 | 4077.7 | 4111.6 |
| 70°   | 665.7  | 702.7  | 798.3  | 890.7  | 1183.5 | 1473.3 | 1886.3 | 2296.2 | 3248.6 | 4197.9 | 4493.7 |
| 72.5° | 456.2  | 490.1  | 542.5  | 594.9  | 705.8  | 813.7  | 1109.6 | 1402.4 | 2585.9 | 3769.4 | 4687.9 |
| 75°   | 268.1  | 277.4  | 342.1  | 406.8  | 527.0  | 647.2  | 755.1  | 859.9  | 1645.9 | 2428.7 | 3917.4 |
| 77.5° | 107.9  | 117.1  | 144.9  | 172.6  | 342.1  | 508.6  | 619.5  | 730.5  | 918.5  | 1106.5 | 2690.7 |
| 80°   | 58.6   | 58.6   | 70.9   | 80.1   | 154.1  | 225.0  | 416.1  | 607.2  | 699.6  | 792.1  | 1744.5 |
| 82.5° | 33.9   | 33.9   | 43.1   | 49.3   | 77.1   | 104.8  | 237.3  | 369.9  | 545.5  | 718.1  | 1177.4 |
| 85°   | 12.3   | 12.3   | 15.4   | 18.5   | 37.0   | 52.4   | 86.3   | 117.1  | 339.0  | 557.9  | 678.1  |
| 87.5° | 3.1    | 3.1    | 6.2    | 6.2    | 9.2    | 12.3   | 15.4   | 15.4   | 12.3   | 9.2    | 61.6   |
| 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):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2021.9 | 2021.9 | 2021.9 | 2021.9 | 2021.9 | 2021.9 | 2021.9 | 2021.9 | 2021.9 | 2021.9 | 2021.9 |
| 2.5°  | 2145.2 | 2126.7 | 2114.3 | 2092.8 | 2071.2 | 2052.7 | 2031.1 | 2003.4 | 1981.8 | 1954.1 | 1926.3 |
| 5°    | 1855.4 | 1984.9 | 2117.4 | 2105.1 | 2089.7 | 2046.5 | 2003.4 | 1954.1 | 1907.8 | 1852.4 | 1796.9 |
| 7.5°  | 1818.5 | 1815.4 | 1689.0 | 1753.7 | 1815.4 | 1766.1 | 1716.7 | 1661.3 | 1599.6 | 1491.8 | 1383.9 |
| 10°   | 1350.0 | 1359.2 | 1356.1 | 1371.5 | 1387.0 | 1427.0 | 1464.0 | 1383.9 | 1306.8 | 1137.3 | 964.7  |
| 12.5° | 1232.9 | 1291.4 | 1306.8 | 1202.0 | 1097.2 | 1140.4 | 1183.5 | 1103.4 | 1026.3 | 869.2  | 712.0  |
| 15°   | 1001.7 | 850.7  | 1066.4 | 1208.2 | 1346.9 | 1368.5 | 1387.0 | 1282.2 | 1158.9 | 943.1  | 724.3  |
| 17.5° | 1143.5 | 1195.9 | 1134.2 | 1137.3 | 1137.3 | 1140.4 | 1143.5 | 1047.9 | 924.6  | 761.3  | 597.9  |
| 20°   | 1038.7 | 1023.3 | 1029.4 | 1131.1 | 1232.9 | 1300.7 | 1365.4 | 1220.5 | 1063.3 | 810.6  | 554.8  |
| 22.5° | 977.0  | 1177.4 | 1263.7 | 1220.5 | 1177.4 | 1069.5 | 958.5  | 847.6  | 718.1  | 591.8  | 462.3  |
| 25°   | 1088.0 | 983.2  | 1051.0 | 1217.4 | 1383.9 | 1383.9 | 1383.9 | 1192.8 | 980.1  | 708.9  | 437.7  |
| 27.5° | 1023.3 | 1168.1 | 1235.9 | 1368.5 | 1497.9 | 1553.4 | 1605.8 | 1362.3 | 1081.8 | 745.9  | 406.8  |
| 30°   | 1100.3 | 1168.1 | 1408.5 | 1673.6 | 1938.7 | 1892.4 | 1843.1 | 1531.8 | 1177.4 | 782.9  | 388.3  |
| 32.5° | 1168.1 | 1359.2 | 1571.9 | 1772.2 | 1972.6 | 1920.2 | 1864.7 | 1519.5 | 1121.9 | 705.8  | 289.7  |
| 35°   | 1260.6 | 1383.9 | 1581.1 | 1824.6 | 2068.1 | 1988.0 | 1904.8 | 1525.7 | 1078.7 | 647.2  | 215.7  |
| 37.5° | 1316.1 | 1451.7 | 1664.4 | 1920.2 | 2172.9 | 2074.3 | 1975.6 | 1553.4 | 1041.8 | 604.1  | 166.4  |
| 40°   | 1420.9 | 1556.5 | 1769.1 | 2037.3 | 2305.4 | 2191.4 | 2074.3 | 1602.7 | 1020.2 | 579.4  | 138.7  |
| 42.5° | 1615.0 | 1676.7 | 1914.0 | 2197.6 | 2481.1 | 2360.9 | 2237.6 | 1707.5 | 1014.0 | 567.1  | 120.2  |
| 45°   | 1818.5 | 1858.5 | 2068.1 | 2385.6 | 2699.9 | 2576.7 | 2450.3 | 1836.9 | 1035.6 | 576.4  | 114.0  |
| 47.5° | 2040.4 | 2061.9 | 2253.0 | 2647.6 | 3042.1 | 2872.5 | 2703.0 | 2015.7 | 1081.8 | 594.9  | 107.9  |
| 50°   | 2296.2 | 2296.2 | 2481.1 | 2906.4 | 3331.8 | 3156.1 | 2980.4 | 2225.3 | 1140.4 | 622.6  | 104.8  |
| 52.5° | 2539.7 | 2573.6 | 2715.4 | 3149.9 | 3584.5 | 3421.2 | 3254.7 | 2456.5 | 1217.4 | 659.6  | 98.6   |
| 55°   | 2789.3 | 2897.2 | 2949.6 | 3393.4 | 3837.3 | 3649.2 | 3461.2 | 2626.0 | 1263.7 | 678.1  | 92.5   |
| 57.5° | 3097.5 | 3211.6 | 3239.3 | 3615.3 | 3991.4 | 3809.5 | 3624.6 | 2770.8 | 1297.6 | 693.5  | 89.4   |
| 60°   | 3378.0 | 3507.5 | 3562.9 | 3840.3 | 4114.6 | 3926.6 | 3738.6 | 2897.2 | 1328.4 | 705.8  | 80.1   |
| 62.5° | 3636.9 | 3735.5 | 3821.8 | 4000.6 | 4179.4 | 4003.7 | 3824.9 | 3008.2 | 1346.9 | 708.9  | 70.9   |
| 65°   | 3824.9 | 3914.3 | 4037.6 | 4139.3 | 4241.0 | 4108.5 | 3975.9 | 3199.3 | 1399.3 | 727.4  | 52.4   |
| 67.5° | 4142.4 | 4151.6 | 4222.5 | 4305.7 | 4389.0 | 4318.1 | 4247.2 | 3464.3 | 1460.9 | 752.0  | 40.1   |
| 70°   | 4786.5 | 4681.8 | 4589.3 | 4672.5 | 4752.6 | 4654.0 | 4555.4 | 3541.4 | 1319.2 | 675.0  | 30.8   |
| 72.5° | 5606.4 | 5782.1 | 5335.2 | 5162.6 | 4986.9 | 4623.2 | 4256.4 | 3048.2 | 937.0  | 480.8  | 24.7   |
| 75°   | 5406.1 | 6296.8 | 5856.0 | 5162.6 | 4469.1 | 3908.1 | 3344.1 | 2286.9 | 576.4  | 299.0  | 18.5   |
| 77.5° | 4271.8 | 5227.3 | 5070.1 | 4355.1 | 3636.9 | 2946.5 | 2256.1 | 1405.5 | 203.4  | 111.0  | 18.5   |
| 80°   | 2696.9 | 3615.3 | 3479.7 | 2829.4 | 2176.0 | 1547.2 | 918.5  | 428.4  | 77.1   | 49.3   | 21.6   |
| 82.5° | 1636.6 | 2154.4 | 1692.1 | 1060.3 | 428.4  | 302.0  | 175.7  | 92.5   | 24.7   | 21.6   | 18.5   |
| 85°   | 795.2  | 890.7  | 582.5  | 336.0  | 86.3   | 80.1   | 70.9   | 46.2   | 12.3   | 12.3   | 9.2    |
| 87.5° | 111.0  | 80.1   | 49.3   | 33.9   | 15.4   | 15.4   | 15.4   | 9.2    | 9.2    | 9.2    | 6.2    |
| 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°    | 2021.9 | 2021.9 | 2021.9 | 2021.9 | 2021.9 | 2021.9 | 2021.9 | 2021.9 | 2021.9 | 2021.9 | 2021.9 |
| 2.5°  | 1904.8 | 1880.1 | 1852.4 | 1824.6 | 1793.8 | 1763.0 | 1673.6 | 1581.1 | 1531.8 | 1479.4 | 1467.1 |
| 5°    | 1695.2 | 1593.5 | 1467.1 | 1337.6 | 1282.2 | 1226.7 | 1198.9 | 1168.1 | 1149.6 | 1128.1 | 1109.6 |
| 7.5°  | 1242.1 | 1097.2 | 1097.2 | 1094.2 | 1047.9 | 1001.7 | 949.3  | 893.8  | 859.9  | 826.0  | 736.6  |
| 10°   | 887.7  | 807.5  | 752.0  | 696.6  | 675.0  | 653.4  | 585.6  | 514.7  | 520.9  | 524.0  | 505.5  |
| 12.5° | 687.3  | 659.6  | 557.9  | 456.2  | 422.3  | 388.3  | 366.8  | 345.2  | 314.4  | 283.6  | 262.0  |
| 15°   | 588.7  | 453.1  | 376.0  | 299.0  | 265.1  | 228.1  | 197.3  | 163.4  | 154.1  | 141.8  | 157.2  |
| 17.5° | 483.9  | 366.8  | 292.8  | 218.8  | 169.5  | 120.2  | 126.4  | 132.5  | 144.9  | 157.2  | 163.4  |
| 20°   | 416.1  | 277.4  | 212.7  | 147.9  | 132.5  | 117.1  | 123.3  | 126.4  | 123.3  | 117.1  | 135.6  |
| 22.5° | 339.0  | 215.7  | 163.4  | 107.9  | 111.0  | 114.0  | 104.8  | 95.5   | 114.0  | 132.5  | 132.5  |
| 25°   | 289.7  | 141.8  | 126.4  | 111.0  | 101.7  | 92.5   | 104.8  | 114.0  | 107.9  | 101.7  | 117.1  |
| 27.5° | 265.1  | 123.3  | 107.9  | 92.5   | 95.5   | 98.6   | 95.5   | 89.4   | 98.6   | 107.9  | 104.8  |
| 30°   | 252.7  | 114.0  | 104.8  | 92.5   | 89.4   | 83.2   | 86.3   | 86.3   | 83.2   | 80.1   | 89.4   |
| 32.5° | 203.4  | 117.1  | 101.7  | 83.2   | 80.1   | 74.0   | 70.9   | 67.8   | 70.9   | 74.0   | 77.1   |
| 35°   | 163.4  | 107.9  | 95.5   | 80.1   | 74.0   | 67.8   | 64.7   | 58.6   | 58.6   | 58.6   | 61.6   |
| 37.5° | 132.5  | 98.6   | 86.3   | 70.9   | 64.7   | 58.6   | 55.5   | 49.3   | 49.3   | 49.3   | 49.3   |
| 40°   | 117.1  | 92.5   | 80.1   | 64.7   | 58.6   | 49.3   | 46.2   | 40.1   | 40.1   | 37.0   | 37.0   |
| 42.5° | 101.7  | 83.2   | 70.9   | 55.5   | 49.3   | 43.1   | 37.0   | 30.8   | 30.8   | 27.7   | 27.7   |
| 45°   | 95.5   | 77.1   | 64.7   | 52.4   | 43.1   | 33.9   | 30.8   | 24.7   | 24.7   | 21.6   | 21.6   |
| 47.5° | 92.5   | 74.0   | 61.6   | 46.2   | 37.0   | 27.7   | 24.7   | 18.5   | 18.5   | 18.5   | 18.5   |
| 50°   | 86.3   | 67.8   | 55.5   | 40.1   | 33.9   | 24.7   | 21.6   | 15.4   | 15.4   | 15.4   | 15.4   |
| 52.5° | 83.2   | 64.7   | 49.3   | 33.9   | 27.7   | 18.5   | 15.4   | 12.3   | 12.3   | 12.3   | 12.3   |
| 55°   | 80.1   | 67.8   | 49.3   | 30.8   | 24.7   | 15.4   | 12.3   | 9.2    | 9.2    | 9.2    | 9.2    |
| 57.5° | 77.1   | 64.7   | 46.2   | 24.7   | 18.5   | 12.3   | 9.2    | 6.2    | 6.2    | 6.2    | 6.2    |
| 60°   | 67.8   | 55.5   | 37.0   | 18.5   | 15.4   | 9.2    | 6.2    | 3.1    | 6.2    | 6.2    | 6.2    |
| 62.5° | 58.6   | 43.1   | 30.8   | 15.4   | 12.3   | 6.2    | 6.2    | 3.1    | 6.2    | 6.2    | 6.2    |
| 65°   | 43.1   | 33.9   | 24.7   | 12.3   | 9.2    | 3.1    | 3.1    | 3.1    | 6.2    | 6.2    | 6.2    |
| 67.5° | 33.9   | 24.7   | 18.5   | 9.2    | 6.2    | 3.1    | 3.1    | 3.1    | 6.2    | 6.2    | 6.2    |
| 70°   | 24.7   | 18.5   | 12.3   | 6.2    | 6.2    | 3.1    | 3.1    | 3.1    | 6.2    | 6.2    | 6.2    |
| 72.5° | 18.5   | 12.3   | 9.2    | 6.2    | 6.2    | 3.1    | 6.2    | 6.2    | 6.2    | 6.2    | 6.2    |
| 75°   | 15.4   | 12.3   | 9.2    | 6.2    | 6.2    | 3.1    | 6.2    | 6.2    | 9.2    | 9.2    | 9.2    |
| 77.5° | 15.4   | 9.2    | 9.2    | 6.2    | 6.2    | 3.1    | 6.2    | 9.2    | 9.2    | 9.2    | 9.2    |
| 80°   | 15.4   | 9.2    | 9.2    | 6.2    | 6.2    | 3.1    | 6.2    | 9.2    | 9.2    | 9.2    | 9.2    |
| 82.5° | 15.4   | 9.2    | 9.2    | 6.2    | 6.2    | 3.1    | 6.2    | 9.2    | 9.2    | 9.2    | 9.2    |
| 85°   | 9.2    | 9.2    | 9.2    | 9.2    | 6.2    | 3.1    | 9.2    | 12.3   | 12.3   | 9.2    | 9.2    |
| 87.5° | 6.2    | 6.2    | 9.2    | 9.2    | 6.2    | 3.1    | 9.2    | 12.3   | 12.3   | 9.2    | 9.2    |
| 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: P561060

CATALOG NUMBER: SDL-PA1-80-730-U-SL3-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 170°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|
| 0°    | 2021.9 | 2021.9 | 2021.9 | 2021.9 |
| 2.5°  | 1451.7 | 1436.3 | 1417.8 | 1454.8 |
| 5°    | 1091.1 | 1078.7 | 1066.4 | 1088.0 |
| 7.5°  | 647.2  | 650.3  | 650.3  | 616.4  |
| 10°   | 483.9  | 456.2  | 425.3  | 425.3  |
| 12.5° | 240.4  | 221.9  | 203.4  | 200.3  |
| 15°   | 172.6  | 175.7  | 178.8  | 178.8  |
| 17.5° | 169.5  | 163.4  | 154.1  | 147.9  |
| 20°   | 151.0  | 157.2  | 160.3  | 160.3  |
| 22.5° | 132.5  | 129.4  | 123.3  | 123.3  |
| 25°   | 132.5  | 135.6  | 138.7  | 138.7  |
| 27.5° | 101.7  | 101.7  | 98.6   | 98.6   |
| 30°   | 98.6   | 98.6   | 98.6   | 98.6   |
| 32.5° | 77.1   | 80.1   | 80.1   | 80.1   |
| 35°   | 64.7   | 64.7   | 64.7   | 64.7   |
| 37.5° | 49.3   | 49.3   | 49.3   | 46.2   |
| 40°   | 37.0   | 37.0   | 37.0   | 37.0   |
| 42.5° | 27.7   | 27.7   | 27.7   | 27.7   |
| 45°   | 21.6   | 21.6   | 21.6   | 21.6   |
| 47.5° | 18.5   | 18.5   | 15.4   | 15.4   |
| 50°   | 12.3   | 12.3   | 12.3   | 12.3   |
| 52.5° | 9.2    | 9.2    | 9.2    | 9.2    |
| 55°   | 6.2    | 6.2    | 6.2    | 6.2    |
| 57.5° | 6.2    | 6.2    | 6.2    | 6.2    |
| 60°   | 3.1    | 3.1    | 3.1    | 3.1    |
| 62.5° | 3.1    | 3.1    | 3.1    | 3.1    |
| 65°   | 3.1    | 3.1    | 3.1    | 3.1    |
| 67.5° | 3.1    | 3.1    | 3.1    | 3.1    |
| 70°   | 3.1    | 3.1    | 3.1    | 3.1    |
| 72.5° | 6.2    | 6.2    | 3.1    | 3.1    |
| 75°   | 6.2    | 6.2    | 3.1    | 3.1    |
| 77.5° | 6.2    | 6.2    | 3.1    | 3.1    |
| 80°   | 6.2    | 6.2    | 3.1    | 3.1    |
| 82.5° | 6.2    | 6.2    | 3.1    | 3.1    |
| 85°   | 6.2    | 6.2    | 6.2    | 3.1    |
| 87.5° | 6.2    | 6.2    | 6.2    | 3.1    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |



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