

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: P559871

Luminaire Tested: **SDL-PA1-100-750-U-SL3-HSS-A**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559871  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: SDL-PA1-100-750-U-SL3-HSS-A  
Description: Springdale  
(1) 70 CRI, 5000K, 1200mA LIGHT ENGINE WITH 24 LEDS AND TYPE III SPILL  
LIGHT ELIMINATOR OPTICS, HOUSE SIDE SHIELD AND CLEAR PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8103.3 lumens  
Efficiency: N/A  
Efficacy: 86.4 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 - G3

Input Watts (W): 93.8  
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



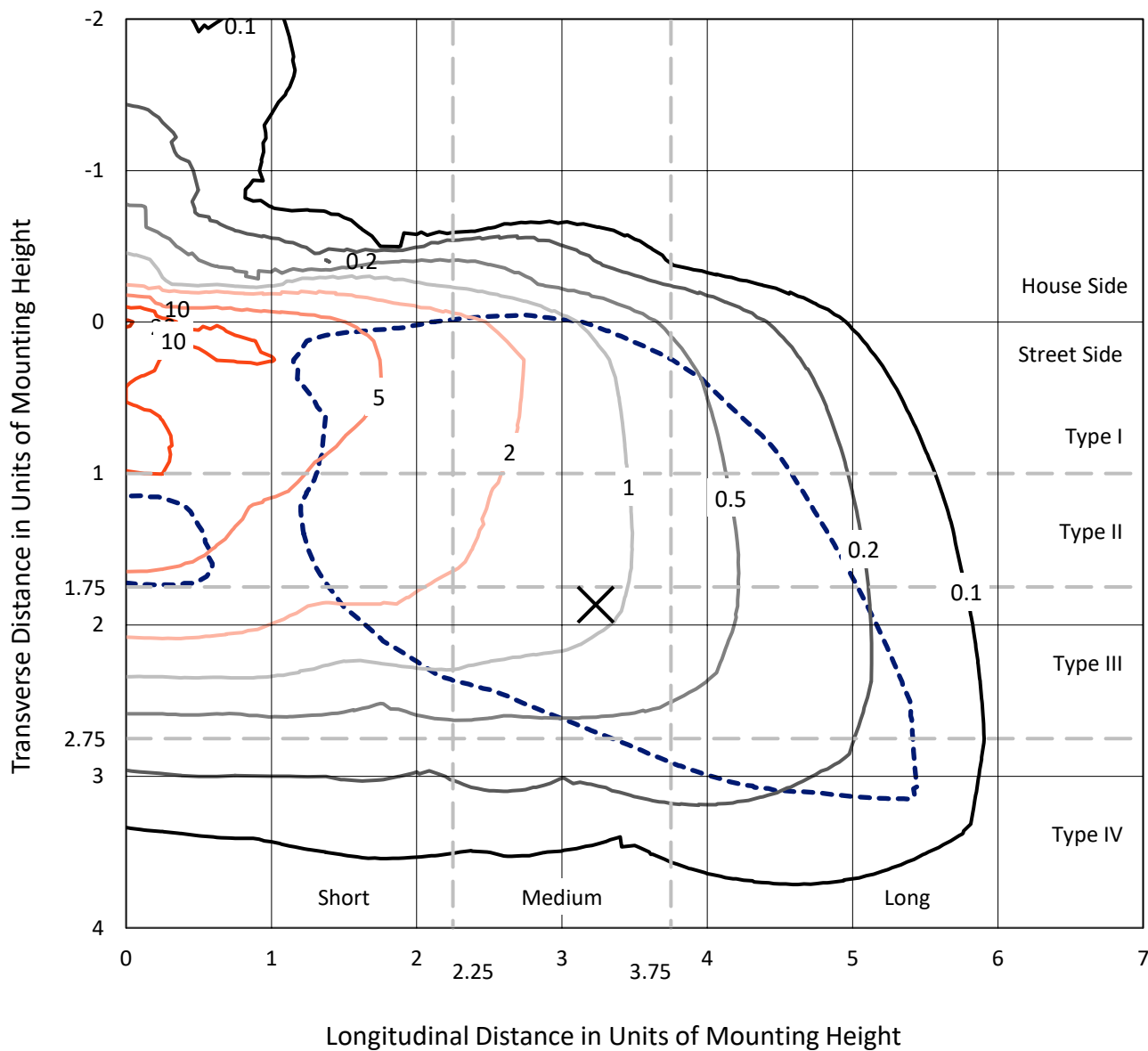
REPORT NUMBER: P559871

CATALOG NUMBER: SDL-PA1-100-750-U-SL3-HSS-A

## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd



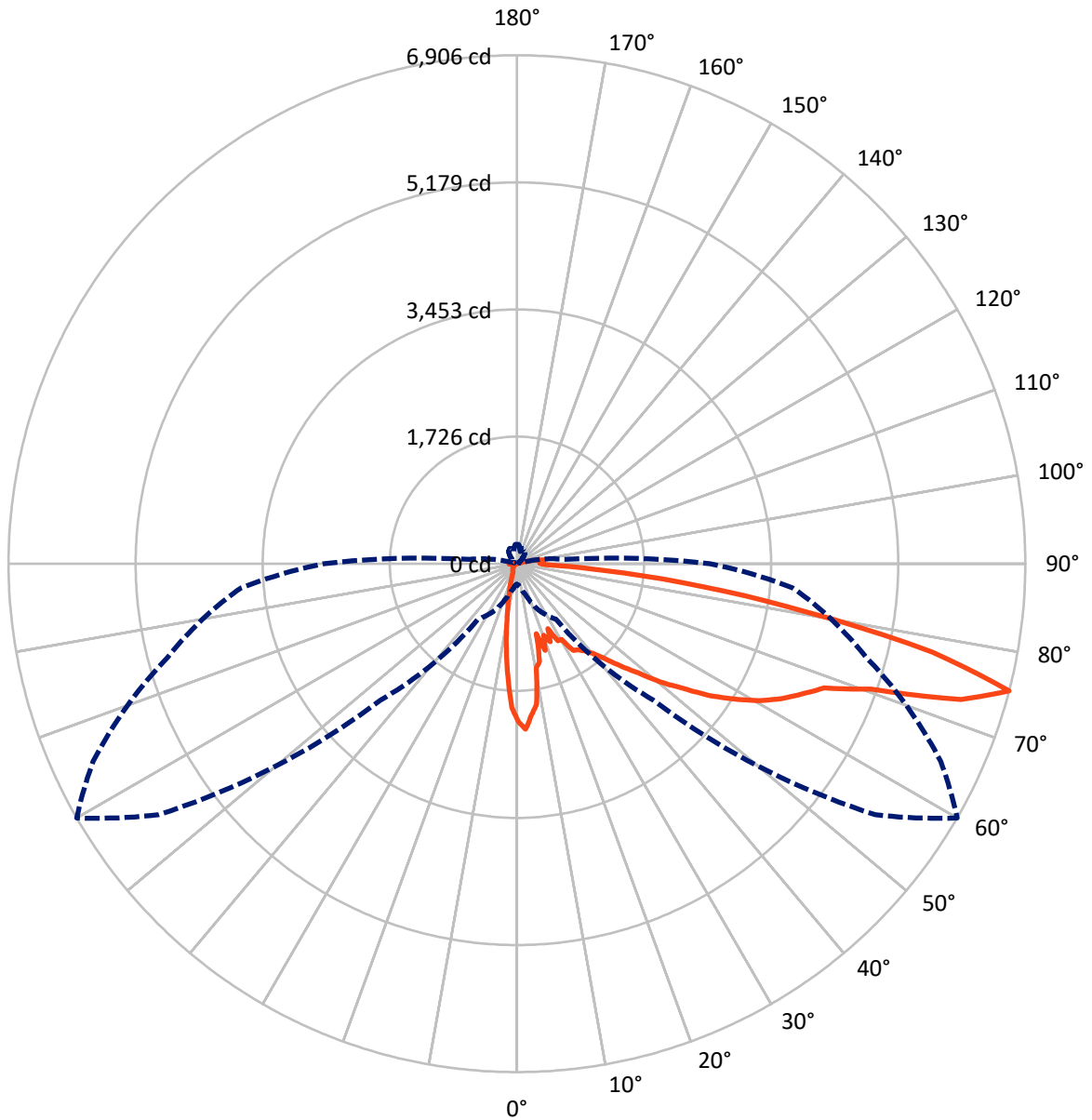
Based on 10 foot mounting height. Maximum calculated value = 21.4 fc

Type IV - Medium - N/A

REPORT NUMBER: P559871

CATALOG NUMBER: SDL-PA1-100-750-U-SL3-HSS-A

## Luminous Intensity Polar Plot



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

REPORT NUMBER: P559871

CATALOG NUMBER: SDL-PA1-100-750-U-SL3-HSS-A

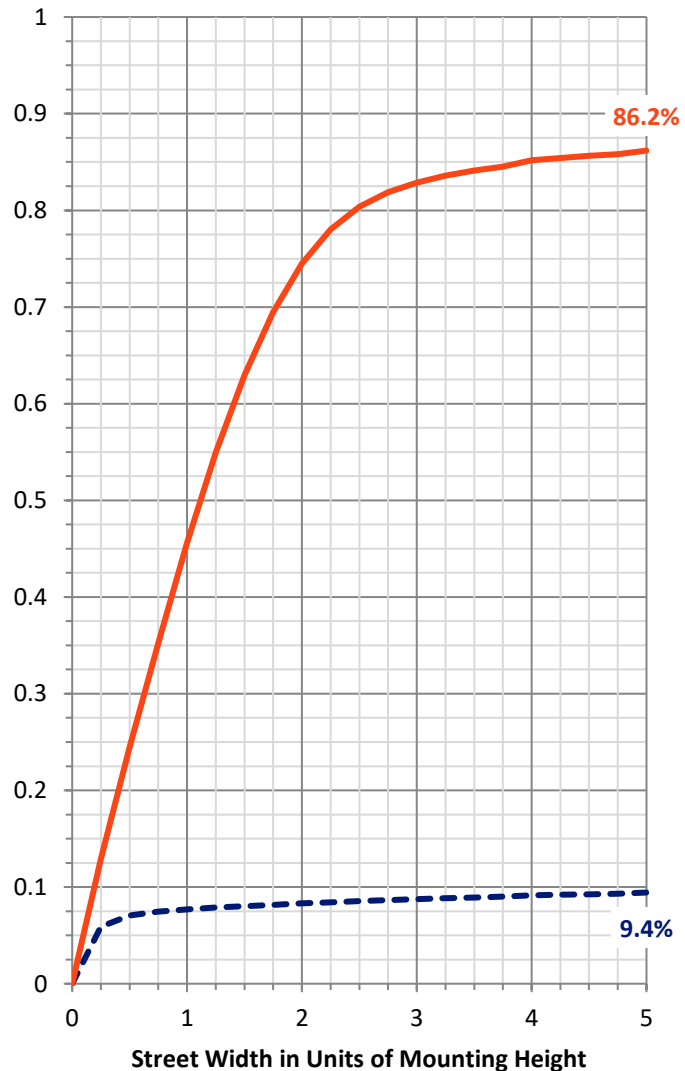
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 837.4    | 109.1  | 946.6  |
|                    | % Fixture | 10.3     | 1.3    | 11.7   |
| <b>Street Side</b> | Lumens    | 7042.7   | 114.1  | 7156.8 |
|                    | % Fixture | 86.9     | 1.4    | 88.3   |
| <b>Total</b>       | Lumens    | 7880.1   | 223.2  | 8103.3 |
|                    | % Fixture | 97.2     | 2.8    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 148.7  | 1.8       |
| 10°-20°   | 243.8  | 3.0       |
| 20°-30°   | 344.7  | 4.3       |
| 30°-40°   | 619.5  | 7.6       |
| 40°-50°   | 1043.9 | 12.9      |
| 50°-60°   | 1623.6 | 20.0      |
| 60°-70°   | 1915.9 | 23.6      |
| 70°-80°   | 1554.1 | 19.2      |
| 80°-90°   | 385.9  | 4.8       |
| 90°-100°  | 155.8  | 1.9       |
| 100°-110° | 36.1   | 0.4       |
| 110°-120° | 11.3   | 0.1       |
| 120°-130° | 10.0   | 0.1       |
| 130°-140° | 5.3    | 0.1       |
| 140°-150° | 2.6    | 0.0       |
| 150°-160° | 2.2    | 0.0       |
| 160°-170° | 0.1    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 7880.1 | 97.2      |
| 0°-180°   | 8103.3 | 100.0     |



REPORT NUMBER: P559871

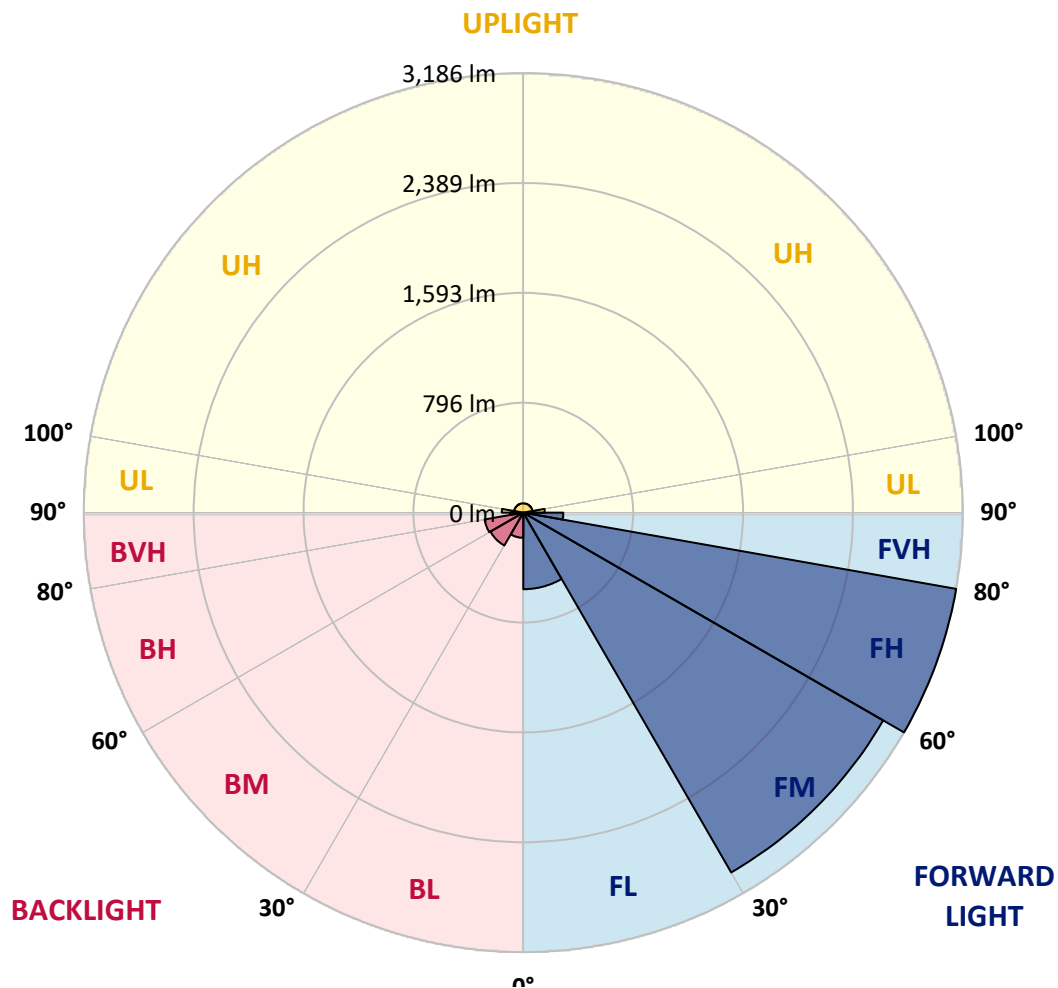
CATALOG NUMBER: SDL-PA1-100-750-U-SL3-HSS-A

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 555.1  | 6.8       |                         |        |         |
| FM   | (30°-60°)   | 3011.7 | 37.2      |                         |        |         |
| FH   | (60°-80°)   | 3185.8 | 39.3      |                         |        | G2/5000 |
| FVH  | (80°-90°)   | 290.1  | 3.6       |                         |        | G3/500  |
| BL   | (0°-30°)    | 182.1  | 2.2       | B1/500                  |        |         |
| BM   | (30°-60°)   | 275.3  | 3.4       | B1/1000                 |        |         |
| BH   | (60°-80°)   | 284.3  | 3.5       | B1/500                  |        | G1/500  |
| BVH  | (80°-90°)   | 95.8   | 1.2       |                         |        | G1/100  |
| UL   | (90°-100°)  | 155.8  | 1.9       |                         | U3/500 |         |
| UH   | (100°-180°) | 67.5   | 0.8       |                         | U3/500 |         |

**BUG Rating: B1-U3-G3**

Type IV Medium





REPORT NUMBER: P559871

CATALOG NUMBER: SDL-PA1-100-750-U-SL3-HSS-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 60°    | 65°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2142.1 | 2142.1 | 2142.1 | 2142.1 | 2142.1 | 2142.1 | 2142.1 | 2142.1 | 2142.1 | 2142.1 | 2142.1 |
| 2.5°   | 2014.8 | 2168.3 | 2123.4 | 2265.7 | 2284.4 | 2276.9 | 2269.4 | 2250.7 | 2232.0 | 2198.3 | 2145.8 |
| 5°     | 1932.4 | 1947.3 | 1936.1 | 1962.3 | 1966.1 | 1977.3 | 1958.6 | 2063.4 | 2239.4 | 2194.5 | 2112.1 |
| 7.5°   | 1587.8 | 1745.1 | 1763.8 | 1812.5 | 1857.5 | 1902.4 | 1928.6 | 1924.9 | 1700.2 | 1909.9 | 1816.3 |
| 10°    | 1621.5 | 1644.0 | 1640.3 | 1674.0 | 1636.5 | 1572.9 | 1434.3 | 1438.0 | 1438.0 | 1483.0 | 1531.7 |
| 12.5°  | 1284.5 | 1351.9 | 1516.7 | 1569.1 | 1456.8 | 1325.7 | 1336.9 | 1363.1 | 1381.9 | 1172.2 | 1292.0 |
| 15°    | 1456.8 | 1460.5 | 1464.3 | 1464.3 | 1097.3 | 1254.5 | 1093.5 | 988.7  | 1131.0 | 1385.6 | 1408.1 |
| 17.5°  | 1142.2 | 1131.0 | 1318.2 | 1303.2 | 1209.6 | 932.5  | 1213.3 | 1239.6 | 1190.9 | 1164.7 | 1172.2 |
| 20°    | 1340.7 | 1340.7 | 1329.4 | 1059.8 | 1116.0 | 1202.1 | 1041.1 | 1037.3 | 1097.3 | 1363.1 | 1378.1 |
| 22.5°  | 1086.0 | 1074.8 | 1134.7 | 1179.6 | 1059.8 | 1145.9 | 1026.1 | 1153.4 | 1277.0 | 1205.9 | 984.9  |
| 25°    | 1359.4 | 1359.4 | 1314.5 | 1022.4 | 1097.3 | 984.9  | 1138.4 | 977.4  | 1086.0 | 1475.5 | 1404.3 |
| 27.5°  | 1258.3 | 1224.6 | 1119.7 | 1160.9 | 984.9  | 1145.9 | 1048.6 | 1187.1 | 1254.5 | 1527.9 | 1636.5 |
| 30°    | 1625.3 | 1614.0 | 1494.2 | 1168.4 | 1119.7 | 1052.3 | 1127.2 | 1194.6 | 1445.5 | 1981.0 | 1891.2 |
| 32.5°  | 2168.3 | 2108.4 | 1700.2 | 1445.5 | 1175.9 | 1247.0 | 1202.1 | 1404.3 | 1587.8 | 2026.0 | 1917.4 |
| 35°    | 2314.3 | 2269.4 | 2074.7 | 1756.4 | 1318.2 | 1318.2 | 1292.0 | 1434.3 | 1629.0 | 2123.4 | 1973.6 |
| 37.5°  | 2363.0 | 2359.3 | 2291.9 | 1921.1 | 1512.9 | 1516.7 | 1366.9 | 1505.4 | 1711.4 | 2254.4 | 2055.9 |
| 40°    | 2393.0 | 2400.5 | 2467.9 | 2093.4 | 1718.9 | 1711.4 | 1505.4 | 1606.6 | 1838.7 | 2396.7 | 2205.7 |
| 42.5°  | 2520.3 | 2561.5 | 2643.9 | 2284.4 | 1913.6 | 1917.4 | 1674.0 | 1767.6 | 2007.3 | 2632.7 | 2411.7 |
| 45°    | 2804.9 | 2816.2 | 2864.8 | 2546.5 | 2097.1 | 2123.4 | 1887.4 | 1984.8 | 2213.2 | 2891.1 | 2643.9 |
| 47.5°  | 3235.6 | 3235.6 | 3153.2 | 2752.5 | 2314.3 | 2351.8 | 2112.1 | 2213.2 | 2456.7 | 3269.3 | 2913.5 |
| 50°    | 3617.6 | 3587.6 | 3407.9 | 2995.9 | 2490.4 | 2572.7 | 2408.0 | 2524.1 | 2662.6 | 3557.6 | 3250.6 |
| 52.5°  | 3857.2 | 3846.0 | 3625.1 | 3160.7 | 2677.6 | 2816.2 | 2651.4 | 2801.2 | 2902.3 | 3857.2 | 3553.9 |
| 55°    | 3823.5 | 3823.5 | 3681.2 | 3246.8 | 2849.9 | 3037.1 | 2966.0 | 3153.2 | 3190.6 | 4141.9 | 3774.9 |
| 57.5°  | 3696.2 | 3714.9 | 3647.5 | 3280.5 | 2883.6 | 3246.8 | 3288.0 | 3464.0 | 3527.7 | 4306.6 | 3913.4 |
| 60°    | 3437.8 | 3475.3 | 3546.4 | 3325.5 | 3014.6 | 3482.8 | 3617.6 | 3774.9 | 3894.7 | 4430.2 | 4029.5 |
| 62.5°  | 2954.7 | 3003.4 | 3254.3 | 3321.7 | 3115.8 | 3726.2 | 3898.4 | 4037.0 | 4149.3 | 4497.6 | 4111.9 |
| 65°    | 2239.4 | 2329.3 | 2692.6 | 3082.0 | 3108.3 | 4010.8 | 4126.9 | 4261.7 | 4370.3 | 4565.0 | 4325.4 |
| 67.5°  | 1430.5 | 1434.3 | 1827.5 | 2546.5 | 2898.5 | 4411.5 | 4434.0 | 4501.4 | 4572.5 | 4752.3 | 4628.7 |
| 70°    | 737.7  | 775.2  | 962.4  | 1625.3 | 2374.3 | 4493.9 | 5201.7 | 5104.3 | 4995.7 | 5160.5 | 5021.9 |
| 72.5°  | 490.6  | 531.8  | 632.9  | 876.3  | 1490.5 | 4052.0 | 6036.8 | 6306.4 | 5827.1 | 5463.8 | 4677.4 |
| 75°    | 277.1  | 299.6  | 423.2  | 692.8  | 921.2  | 2617.7 | 5943.1 | 6905.6 | 6351.3 | 4909.6 | 3759.9 |
| 77.5°  | 123.6  | 131.1  | 191.0  | 543.0  | 790.2  | 1277.0 | 4677.4 | 5770.9 | 5549.9 | 4093.2 | 2711.3 |
| 80°    | 67.4   | 67.4   | 89.9   | 250.9  | 670.3  | 962.4  | 3104.5 | 4018.3 | 3774.9 | 2467.9 | 1232.1 |
| 82.5°  | 37.4   | 41.2   | 52.4   | 119.8  | 408.2  | 880.0  | 1962.3 | 2520.3 | 1992.3 | 677.8  | 498.1  |
| 85°    | 15.0   | 15.0   | 22.5   | 63.7   | 149.8  | 745.2  | 1074.8 | 1198.4 | 805.2  | 344.5  | 385.7  |
| 87.5°  | 7.5    | 7.5    | 7.5    | 22.5   | 48.7   | 191.0  | 352.0  | 378.2  | 295.8  | 273.4  | 333.3  |
| 90°    | 11.2   | 11.2   | 7.5    | 7.5    | 33.7   | 202.2  | 295.8  | 310.8  | 243.4  | 273.4  | 337.0  |
| 92.5°  | 15.0   | 11.2   | 7.5    | 7.5    | 26.2   | 202.2  | 337.0  | 333.3  | 243.4  | 273.4  | 348.3  |
| 95°    | 18.7   | 15.0   | 7.5    | 7.5    | 26.2   | 179.8  | 404.4  | 363.3  | 262.1  | 277.1  | 367.0  |
| 97.5°  | 18.7   | 18.7   | 7.5    | 7.5    | 26.2   | 138.6  | 426.9  | 367.0  | 228.4  | 179.8  | 250.9  |
| 100°   | 22.5   | 22.5   | 7.5    | 7.5    | 30.0   | 82.4   | 295.8  | 273.4  | 161.0  | 59.9   | 71.2   |
| 102.5° | 26.2   | 26.2   | 7.5    | 7.5    | 18.7   | 41.2   | 142.3  | 138.6  | 89.9   | 15.0   | 26.2   |
| 105°   | 26.2   | 30.0   | 7.5    | 7.5    | 7.5    | 18.7   | 52.4   | 63.7   | 44.9   | 15.0   | 26.2   |
| 107.5° | 30.0   | 33.7   | 7.5    | 7.5    | 7.5    | 11.2   | 22.5   | 22.5   | 15.0   | 15.0   | 26.2   |

REPORT NUMBER: P559871

CATALOG NUMBER: SDL-PA1-100-750-U-SL3-HSS-A

**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 15°  | 25°  | 35° | 45° | 55°  | 60°  | 65°  | 75°  | 85°  |
|--------|------|------|------|------|-----|-----|------|------|------|------|------|
| 112.5° | 22.5 | 22.5 | 3.7  | 7.5  | 7.5 | 7.5 | 3.7  | 7.5  | 7.5  | 11.2 | 22.5 |
| 115°   | 11.2 | 7.5  | 3.7  | 7.5  | 3.7 | 7.5 | 3.7  | 7.5  | 11.2 | 11.2 | 26.2 |
| 117.5° | 3.7  | 3.7  | 3.7  | 3.7  | 3.7 | 7.5 | 3.7  | 7.5  | 7.5  | 18.7 | 33.7 |
| 120°   | 3.7  | 3.7  | 3.7  | 3.7  | 3.7 | 3.7 | 3.7  | 7.5  | 7.5  | 26.2 | 41.2 |
| 122.5° | 3.7  | 3.7  | 3.7  | 3.7  | 3.7 | 3.7 | 3.7  | 7.5  | 7.5  | 26.2 | 48.7 |
| 125°   | 3.7  | 3.7  | 3.7  | 3.7  | 3.7 | 3.7 | 3.7  | 7.5  | 7.5  | 18.7 | 44.9 |
| 127.5° | 3.7  | 3.7  | 3.7  | 3.7  | 3.7 | 3.7 | 3.7  | 7.5  | 7.5  | 18.7 | 37.4 |
| 130°   | 3.7  | 3.7  | 3.7  | 3.7  | 3.7 | 3.7 | 3.7  | 7.5  | 7.5  | 15.0 | 33.7 |
| 132.5° | 3.7  | 3.7  | 3.7  | 3.7  | 3.7 | 3.7 | 3.7  | 3.7  | 7.5  | 15.0 | 26.2 |
| 135°   | 3.7  | 3.7  | 3.7  | 3.7  | 3.7 | 3.7 | 3.7  | 3.7  | 3.7  | 7.5  | 18.7 |
| 137.5° | 3.7  | 3.7  | 3.7  | 3.7  | 3.7 | 3.7 | 3.7  | 3.7  | 3.7  | 3.7  | 7.5  |
| 140°   | 3.7  | 0.0  | 3.7  | 3.7  | 3.7 | 3.7 | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  |
| 142.5° | 3.7  | 0.0  | 3.7  | 3.7  | 3.7 | 3.7 | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  |
| 145°   | 3.7  | 3.7  | 3.7  | 3.7  | 7.5 | 3.7 | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  |
| 147.5° | 3.7  | 3.7  | 3.7  | 7.5  | 7.5 | 3.7 | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  |
| 150°   | 15.0 | 15.0 | 15.0 | 11.2 | 7.5 | 3.7 | 11.2 | 7.5  | 3.7  | 3.7  | 3.7  |
| 152.5° | 11.2 | 11.2 | 18.7 | 7.5  | 3.7 | 3.7 | 3.7  | 11.2 | 11.2 | 3.7  | 3.7  |
| 155°   | 11.2 | 11.2 | 7.5  | 3.7  | 3.7 | 3.7 | 3.7  | 3.7  | 3.7  | 11.2 | 15.0 |
| 157.5° | 3.7  | 3.7  | 3.7  | 0.0  | 3.7 | 3.7 | 3.7  | 3.7  | 3.7  | 7.5  | 3.7  |
| 160°   | 0.0  | 0.0  | 0.0  | 0.0  | 3.7 | 3.7 | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  |
| 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  |



REPORT NUMBER: P559871

CATALOG NUMBER: SDL-PA1-100-750-U-SL3-HSS-A

**CANDELA DISTRIBUTION (continued):**

|        | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2142.1 | 2142.1 | 2142.1 | 2142.1 | 2142.1 | 2142.1 | 2142.1 | 2142.1 | 2142.1 | 2142.1 | 2142.1 |
| 2.5°   | 2127.1 | 2104.6 | 2044.7 | 1988.5 | 1921.1 | 1879.9 | 1737.6 | 1576.6 | 1542.9 | 1535.4 | 1509.2 |
| 5°     | 2074.7 | 2026.0 | 1909.9 | 1662.7 | 1415.6 | 1303.2 | 1250.8 | 1209.6 | 1153.4 | 1142.2 | 1127.2 |
| 7.5°   | 1760.1 | 1677.7 | 1498.0 | 1194.6 | 1157.2 | 1052.3 | 966.2  | 895.0  | 741.5  | 700.3  | 677.8  |
| 10°    | 1464.3 | 1393.1 | 1022.4 | 868.8  | 790.2  | 711.5  | 617.9  | 546.8  | 483.1  | 453.1  | 441.9  |
| 12.5°  | 1183.4 | 1112.2 | 764.0  | 689.1  | 490.6  | 404.4  | 352.0  | 292.1  | 243.4  | 217.2  | 217.2  |
| 15°    | 1310.7 | 1194.6 | 790.2  | 490.6  | 322.1  | 239.7  | 176.0  | 157.3  | 183.5  | 187.2  | 187.2  |
| 17.5°  | 1071.0 | 954.9  | 621.7  | 382.0  | 235.9  | 131.1  | 142.3  | 161.0  | 176.0  | 153.5  | 157.3  |
| 20°    | 1232.1 | 1071.0 | 625.4  | 288.4  | 149.8  | 127.3  | 131.1  | 119.8  | 161.0  | 164.8  | 164.8  |
| 22.5°  | 932.5  | 842.6  | 471.9  | 228.4  | 116.1  | 119.8  | 112.3  | 134.8  | 149.8  | 131.1  | 127.3  |
| 25°    | 1205.9 | 992.4  | 479.3  | 146.1  | 116.1  | 97.4   | 116.1  | 104.9  | 138.6  | 142.3  | 142.3  |
| 27.5°  | 1381.9 | 1112.2 | 419.4  | 127.3  | 97.4   | 104.9  | 93.6   | 108.6  | 104.9  | 104.9  | 104.9  |
| 30°    | 1569.1 | 1213.3 | 408.2  | 123.6  | 93.6   | 86.1   | 89.9   | 86.1   | 101.1  | 104.9  | 104.9  |
| 32.5°  | 1569.1 | 1160.9 | 310.8  | 123.6  | 89.9   | 82.4   | 71.2   | 78.6   | 82.4   | 89.9   | 93.6   |
| 35°    | 1580.3 | 1116.0 | 228.4  | 112.3  | 82.4   | 71.2   | 63.7   | 63.7   | 71.2   | 74.9   | 74.9   |
| 37.5°  | 1614.0 | 1086.0 | 176.0  | 104.9  | 74.9   | 63.7   | 52.4   | 56.2   | 97.4   | 108.6  | 108.6  |
| 40°    | 1707.7 | 1086.0 | 149.8  | 97.4   | 67.4   | 56.2   | 44.9   | 71.2   | 82.4   | 97.4   | 97.4   |
| 42.5°  | 1853.7 | 1101.0 | 142.3  | 93.6   | 59.9   | 48.7   | 37.4   | 56.2   | 101.1  | 116.1  | 119.8  |
| 45°    | 2007.3 | 1131.0 | 134.8  | 89.9   | 56.2   | 41.2   | 44.9   | 67.4   | 78.6   | 104.9  | 104.9  |
| 47.5°  | 2220.7 | 1194.6 | 131.1  | 86.1   | 52.4   | 33.7   | 41.2   | 67.4   | 86.1   | 112.3  | 112.3  |
| 50°    | 2452.9 | 1262.0 | 123.6  | 82.4   | 44.9   | 30.0   | 63.7   | 56.2   | 71.2   | 116.1  | 116.1  |
| 52.5°  | 2692.6 | 1340.7 | 119.8  | 78.6   | 41.2   | 41.2   | 71.2   | 67.4   | 86.1   | 112.3  | 116.1  |
| 55°    | 2902.3 | 1404.3 | 112.3  | 78.6   | 37.4   | 37.4   | 74.9   | 67.4   | 78.6   | 104.9  | 108.6  |
| 57.5°  | 3003.4 | 1415.6 | 108.6  | 74.9   | 33.7   | 37.4   | 71.2   | 82.4   | 71.2   | 86.1   | 93.6   |
| 60°    | 3130.7 | 1445.5 | 97.4   | 67.4   | 30.0   | 48.7   | 82.4   | 108.6  | 97.4   | 112.3  | 119.8  |
| 62.5°  | 3250.6 | 1468.0 | 86.1   | 59.9   | 26.2   | 52.4   | 108.6  | 131.1  | 104.9  | 131.1  | 146.1  |
| 65°    | 3471.5 | 1516.7 | 71.2   | 48.7   | 22.5   | 59.9   | 123.6  | 157.3  | 116.1  | 153.5  | 153.5  |
| 67.5°  | 3778.6 | 1595.3 | 56.2   | 41.2   | 22.5   | 67.4   | 127.3  | 179.8  | 138.6  | 168.5  | 164.8  |
| 70°    | 3898.4 | 1468.0 | 48.7   | 37.4   | 22.5   | 78.6   | 138.6  | 194.7  | 146.1  | 187.2  | 187.2  |
| 72.5°  | 3400.4 | 1059.8 | 41.2   | 37.4   | 37.4   | 89.9   | 172.3  | 213.5  | 161.0  | 235.9  | 232.2  |
| 75°    | 2625.2 | 666.6  | 41.2   | 37.4   | 44.9   | 112.3  | 194.7  | 228.4  | 172.3  | 262.1  | 258.4  |
| 77.5°  | 1748.9 | 314.6  | 41.2   | 41.2   | 52.4   | 123.6  | 209.7  | 243.4  | 191.0  | 292.1  | 288.4  |
| 80°    | 685.3  | 172.3  | 44.9   | 44.9   | 63.7   | 131.1  | 224.7  | 250.9  | 198.5  | 314.6  | 310.8  |
| 82.5°  | 329.6  | 119.8  | 44.9   | 44.9   | 86.1   | 146.1  | 239.7  | 262.1  | 206.0  | 318.3  | 314.6  |
| 85°    | 280.9  | 112.3  | 41.2   | 48.7   | 104.9  | 183.5  | 254.7  | 258.4  | 209.7  | 303.3  | 303.3  |
| 87.5°  | 250.9  | 108.6  | 41.2   | 48.7   | 142.3  | 213.5  | 265.9  | 254.7  | 224.7  | 295.8  | 295.8  |
| 90°    | 258.4  | 116.1  | 44.9   | 56.2   | 161.0  | 217.2  | 269.6  | 254.7  | 217.2  | 273.4  | 273.4  |
| 92.5°  | 277.1  | 123.6  | 48.7   | 59.9   | 161.0  | 202.2  | 250.9  | 228.4  | 202.2  | 232.2  | 228.4  |
| 95°    | 292.1  | 131.1  | 52.4   | 67.4   | 142.3  | 157.3  | 209.7  | 183.5  | 168.5  | 179.8  | 179.8  |
| 97.5°  | 224.7  | 101.1  | 59.9   | 74.9   | 108.6  | 93.6   | 131.1  | 119.8  | 89.9   | 74.9   | 74.9   |
| 100°   | 59.9   | 33.7   | 63.7   | 74.9   | 74.9   | 63.7   | 97.4   | 89.9   | 59.9   | 26.2   | 26.2   |
| 102.5° | 22.5   | 22.5   | 59.9   | 71.2   | 59.9   | 48.7   | 71.2   | 67.4   | 48.7   | 7.5    | 7.5    |
| 105°   | 22.5   | 18.7   | 37.4   | 56.2   | 37.4   | 26.2   | 37.4   | 44.9   | 30.0   | 7.5    | 7.5    |
| 107.5° | 22.5   | 18.7   | 22.5   | 33.7   | 15.0   | 11.2   | 15.0   | 15.0   | 15.0   | 3.7    | 7.5    |



REPORT NUMBER: P559871

CATALOG NUMBER: SDL-PA1-100-750-U-SL3-HSS-A

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 22.5 | 18.7 | 11.2 | 15.0 | 11.2 | 11.2 | 7.5  | 7.5  | 11.2 | 22.5 | 22.5 |
| 115°   | 22.5 | 18.7 | 11.2 | 11.2 | 7.5  | 11.2 | 7.5  | 3.7  | 11.2 | 26.2 | 30.0 |
| 117.5° | 30.0 | 18.7 | 7.5  | 7.5  | 7.5  | 7.5  | 7.5  | 3.7  | 11.2 | 33.7 | 37.4 |
| 120°   | 37.4 | 22.5 | 7.5  | 7.5  | 7.5  | 3.7  | 7.5  | 3.7  | 15.0 | 33.7 | 37.4 |
| 122.5° | 41.2 | 26.2 | 7.5  | 7.5  | 7.5  | 3.7  | 3.7  | 7.5  | 15.0 | 33.7 | 33.7 |
| 125°   | 41.2 | 26.2 | 7.5  | 7.5  | 3.7  | 3.7  | 3.7  | 3.7  | 15.0 | 33.7 | 37.4 |
| 127.5° | 33.7 | 22.5 | 7.5  | 7.5  | 3.7  | 3.7  | 3.7  | 3.7  | 15.0 | 30.0 | 33.7 |
| 130°   | 30.0 | 22.5 | 7.5  | 7.5  | 3.7  | 3.7  | 3.7  | 3.7  | 15.0 | 26.2 | 30.0 |
| 132.5° | 22.5 | 18.7 | 7.5  | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 15.0 | 22.5 | 26.2 |
| 135°   | 18.7 | 11.2 | 7.5  | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 11.2 | 22.5 | 22.5 |
| 137.5° | 7.5  | 7.5  | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 7.5  | 11.2 | 11.2 |
| 140°   | 7.5  | 7.5  | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 7.5  | 7.5  |
| 142.5° | 3.7  | 7.5  | 3.7  | 3.7  | 3.7  | 3.7  | 0.0  | 3.7  | 3.7  | 3.7  | 3.7  |
| 145°   | 3.7  | 7.5  | 3.7  | 3.7  | 3.7  | 3.7  | 0.0  | 3.7  | 3.7  | 3.7  | 3.7  |
| 147.5° | 3.7  | 7.5  | 3.7  | 3.7  | 3.7  | 3.7  | 0.0  | 3.7  | 3.7  | 3.7  | 3.7  |
| 150°   | 3.7  | 7.5  | 3.7  | 3.7  | 3.7  | 3.7  | 0.0  | 3.7  | 3.7  | 3.7  | 7.5  |
| 152.5° | 3.7  | 7.5  | 3.7  | 3.7  | 3.7  | 0.0  | 0.0  | 3.7  | 3.7  | 3.7  | 3.7  |
| 155°   | 15.0 | 11.2 | 7.5  | 3.7  | 3.7  | 0.0  | 0.0  | 0.0  | 3.7  | 3.7  | 3.7  |
| 157.5° | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 0.0  | 0.0  | 0.0  | 3.7  | 3.7  | 3.7  |
| 160°   | 3.7  | 3.7  | 3.7  | 3.7  | 3.7  | 0.0  | 0.0  | 0.0  | 3.7  | 3.7  | 3.7  |
| 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  |



Report Generated By 670245982









--- HS --- SS



u



|      |      |      |     |     |     |     |     |     |     |      |      |
|------|------|------|-----|-----|-----|-----|-----|-----|-----|------|------|
| 110° | 30.0 | 30.0 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 15.0 | 26.2 |
|------|------|------|-----|-----|-----|-----|-----|-----|-----|------|------|





|      |      |      |      |      |      |      |      |     |     |      |      |
|------|------|------|------|------|------|------|------|-----|-----|------|------|
| 110° | 22.5 | 18.7 | 11.2 | 15.0 | 11.2 | 11.2 | 11.2 | 7.5 | 7.5 | 15.0 | 15.0 |
|------|------|------|------|------|------|------|------|-----|-----|------|------|



(END OF REPORT)