

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: P560421

Luminaire Tested: **SDL-PA1-40-760-U-SL3-HSS-A**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P560421  
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-PA1-40-760-U-SL3-HSS-A  
Description: Springdale  
(1) 70 CRI, 5700K, 500mA 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: 3894.1 lumens  
Efficiency: N/A  
Efficacy: 98.8 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 - 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



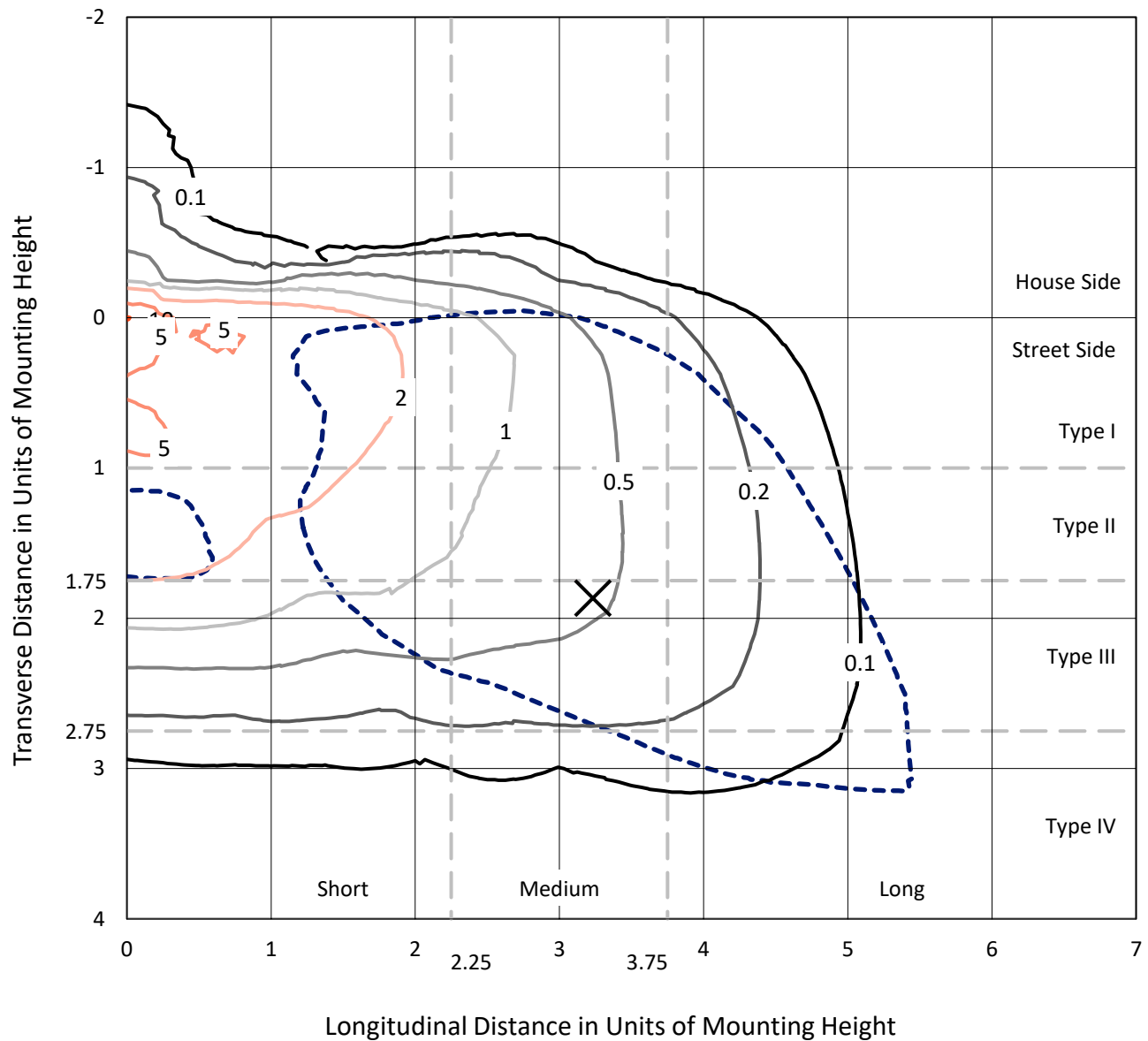
REPORT NUMBER: P560421

CATALOG NUMBER: SDL-PA1-40-760-U-SL3-HSS-A

## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

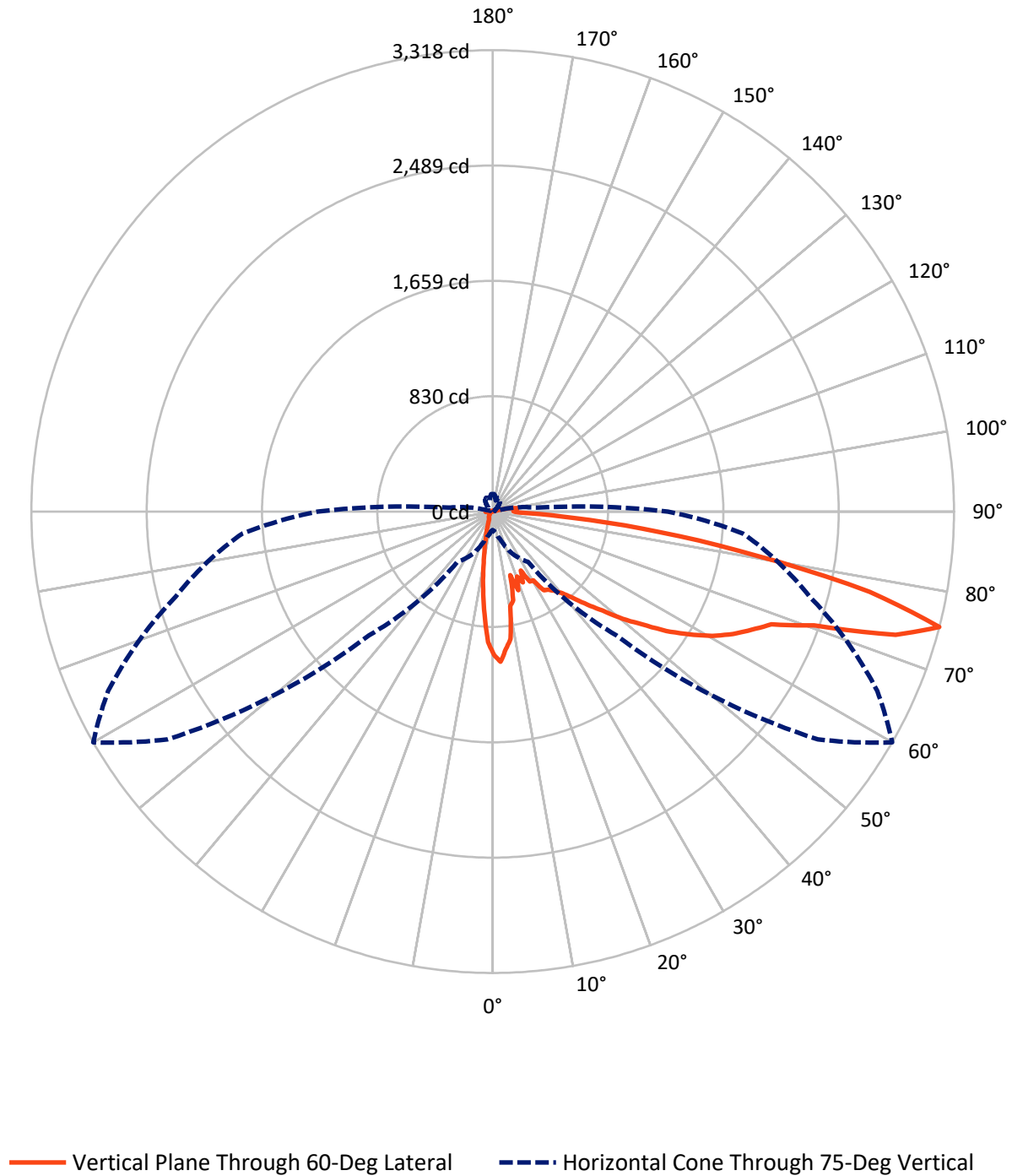
--- 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 10.3 fc  
 Type IV - Medium - N/A

REPORT NUMBER: P560421  
CATALOG NUMBER: SDL-PA1-40-760-U-SL3-HSS-A

## Luminous Intensity Polar Plot



REPORT NUMBER: P560421

CATALOG NUMBER: SDL-PA1-40-760-U-SL3-HSS-A

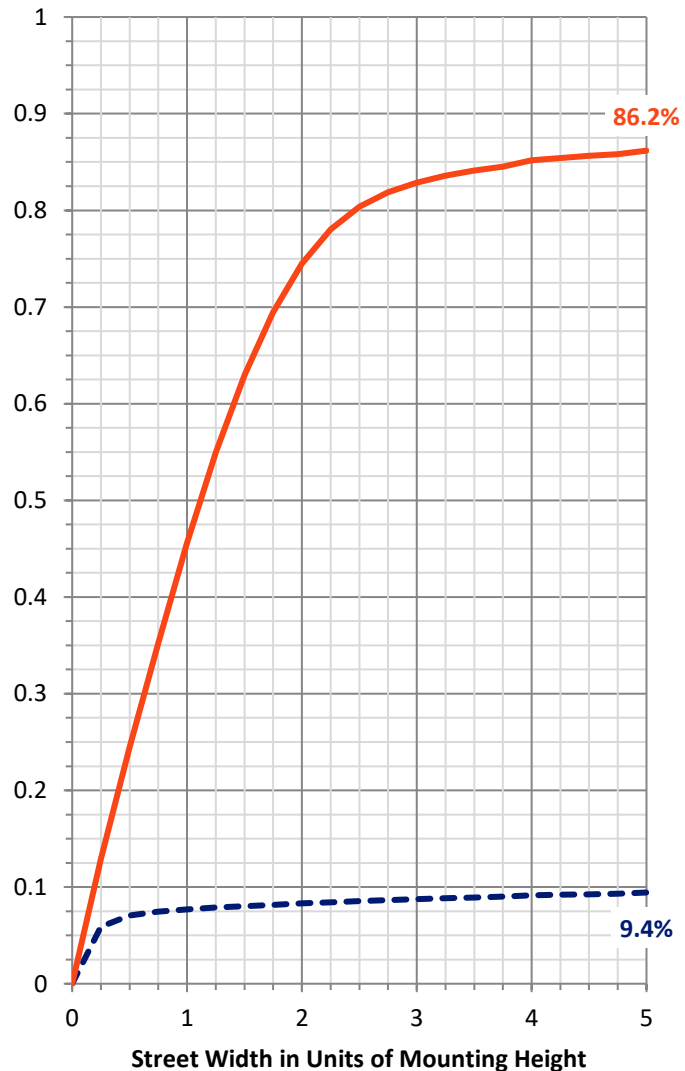
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 402.5    | 52.5   | 454.9  |
|                    | % Fixture | 10.3     | 1.3    | 11.7   |
| <b>Street Side</b> | Lumens    | 3384.3   | 54.9   | 3439.1 |
|                    | % Fixture | 86.9     | 1.4    | 88.3   |
| <b>Total</b>       | Lumens    | 3786.7   | 107.3  | 3894.1 |
|                    | % Fixture | 97.2     | 2.8    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 71.4   | 1.8       |
| 10°-20°   | 117.2  | 3.0       |
| 20°-30°   | 165.6  | 4.3       |
| 30°-40°   | 297.7  | 7.6       |
| 40°-50°   | 501.6  | 12.9      |
| 50°-60°   | 780.2  | 20.0      |
| 60°-70°   | 920.7  | 23.6      |
| 70°-80°   | 746.8  | 19.2      |
| 80°-90°   | 185.4  | 4.8       |
| 90°-100°  | 74.9   | 1.9       |
| 100°-110° | 17.3   | 0.4       |
| 110°-120° | 5.4    | 0.1       |
| 120°-130° | 4.8    | 0.1       |
| 130°-140° | 2.6    | 0.1       |
| 140°-150° | 1.2    | 0.0       |
| 150°-160° | 1.0    | 0.0       |
| 160°-170° | 0.1    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 3786.7 | 97.2      |
| 0°-180°   | 3894.1 | 100.0     |



REPORT NUMBER: P560421

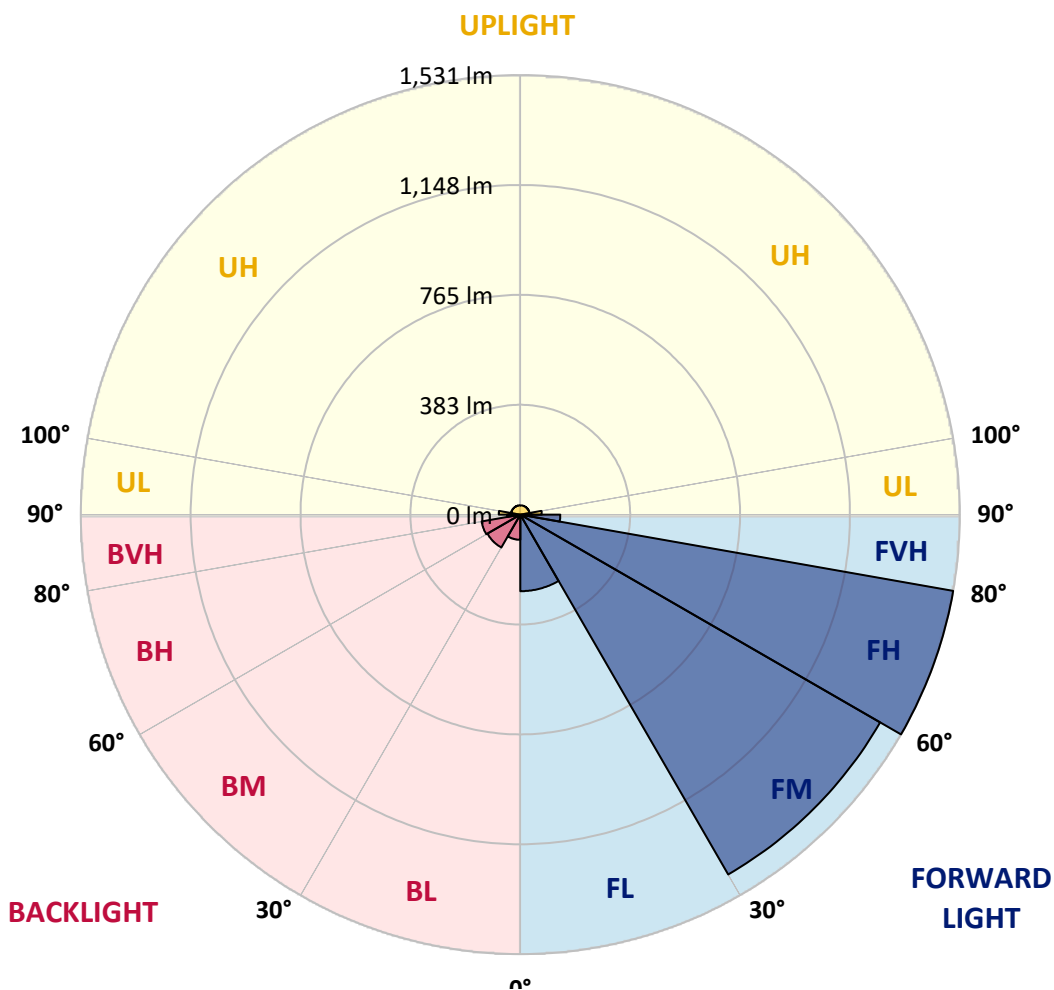
CATALOG NUMBER: SDL-PA1-40-760-U-SL3-HSS-A

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 266.7  | 6.8       |                         |        |         |
| FM   | (30°-60°)   | 1447.2 | 37.2      |                         |        |         |
| FH   | (60°-80°)   | 1530.9 | 39.3      |                         |        | G1/1800 |
| FVH  | (80°-90°)   | 139.4  | 3.6       |                         |        | G2/225  |
| BL   | (0°-30°)    | 87.5   | 2.2       | B0/110                  |        |         |
| BM   | (30°-60°)   | 132.3  | 3.4       | B0/220                  |        |         |
| BH   | (60°-80°)   | 136.6  | 3.5       | B1/500                  |        | G1/500  |
| BVH  | (80°-90°)   | 46.0   | 1.2       |                         |        | G1/100  |
| UL   | (90°-100°)  | 74.9   | 1.9       |                         | U3/500 |         |
| UH   | (100°-180°) | 32.5   | 0.8       |                         | U2/50  |         |

**BUG Rating: B1-U3-G2**

Type IV Medium





REPORT NUMBER: P560421

CATALOG NUMBER: SDL-PA1-40-760-U-SL3-HSS-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 60°    | 65°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1029.3 | 1029.3 | 1029.3 | 1029.3 | 1029.3 | 1029.3 | 1029.3 | 1029.3 | 1029.3 | 1029.3 | 1029.3 |
| 2.5°   | 968.2  | 1041.9 | 1020.3 | 1088.7 | 1097.7 | 1094.1 | 1090.5 | 1081.5 | 1072.5 | 1056.3 | 1031.1 |
| 5°     | 928.6  | 935.8  | 930.4  | 943.0  | 944.8  | 950.2  | 941.2  | 991.6  | 1076.1 | 1054.5 | 1015.0 |
| 7.5°   | 763.0  | 838.6  | 847.6  | 871.0  | 892.6  | 914.2  | 926.8  | 925.0  | 817.0  | 917.8  | 872.8  |
| 10°    | 779.2  | 790.0  | 788.2  | 804.4  | 786.4  | 755.8  | 689.2  | 691.0  | 691.0  | 712.6  | 736.0  |
| 12.5°  | 617.2  | 649.6  | 728.8  | 754.0  | 700.0  | 637.0  | 642.4  | 655.0  | 664.0  | 563.3  | 620.8  |
| 15°    | 700.0  | 701.8  | 703.6  | 703.6  | 527.3  | 602.9  | 525.5  | 475.1  | 543.5  | 665.8  | 676.6  |
| 17.5°  | 548.9  | 543.5  | 633.4  | 626.2  | 581.3  | 448.1  | 583.1  | 595.7  | 572.3  | 559.7  | 563.3  |
| 20°    | 644.2  | 644.2  | 638.8  | 509.3  | 536.3  | 577.7  | 500.3  | 498.5  | 527.3  | 655.0  | 662.2  |
| 22.5°  | 521.9  | 516.5  | 545.3  | 566.9  | 509.3  | 550.7  | 493.1  | 554.3  | 613.6  | 579.5  | 473.3  |
| 25°    | 653.2  | 653.2  | 631.6  | 491.3  | 527.3  | 473.3  | 547.1  | 469.7  | 521.9  | 709.0  | 674.8  |
| 27.5°  | 604.7  | 588.5  | 538.1  | 557.9  | 473.3  | 550.7  | 503.9  | 570.5  | 602.9  | 734.2  | 786.4  |
| 30°    | 781.0  | 775.6  | 718.0  | 561.5  | 538.1  | 505.7  | 541.7  | 574.1  | 694.6  | 952.0  | 908.8  |
| 32.5°  | 1041.9 | 1013.2 | 817.0  | 694.6  | 565.1  | 599.3  | 577.7  | 674.8  | 763.0  | 973.6  | 921.4  |
| 35°    | 1112.1 | 1090.5 | 997.0  | 844.0  | 633.4  | 633.4  | 620.8  | 689.2  | 782.8  | 1020.3 | 948.4  |
| 37.5°  | 1135.5 | 1133.7 | 1101.3 | 923.2  | 727.0  | 728.8  | 656.8  | 723.4  | 822.4  | 1083.3 | 988.0  |
| 40°    | 1149.9 | 1153.5 | 1185.9 | 1006.0 | 826.0  | 822.4  | 723.4  | 772.0  | 883.6  | 1151.7 | 1059.9 |
| 42.5°  | 1211.1 | 1230.9 | 1270.5 | 1097.7 | 919.6  | 921.4  | 804.4  | 849.4  | 964.6  | 1265.1 | 1158.9 |
| 45°    | 1347.9 | 1353.3 | 1376.7 | 1223.7 | 1007.8 | 1020.3 | 907.0  | 953.8  | 1063.5 | 1389.3 | 1270.5 |
| 47.5°  | 1554.8 | 1554.8 | 1515.2 | 1322.7 | 1112.1 | 1130.1 | 1015.0 | 1063.5 | 1180.5 | 1571.0 | 1400.1 |
| 50°    | 1738.4 | 1724.0 | 1637.6 | 1439.6 | 1196.7 | 1236.3 | 1157.1 | 1212.9 | 1279.5 | 1709.6 | 1562.0 |
| 52.5°  | 1853.5 | 1848.1 | 1742.0 | 1518.8 | 1286.7 | 1353.3 | 1274.1 | 1346.1 | 1394.7 | 1853.5 | 1707.8 |
| 55°    | 1837.3 | 1837.3 | 1769.0 | 1560.2 | 1369.5 | 1459.4 | 1425.3 | 1515.2 | 1533.2 | 1990.3 | 1814.0 |
| 57.5°  | 1776.2 | 1785.2 | 1752.8 | 1576.4 | 1385.7 | 1560.2 | 1580.0 | 1664.6 | 1695.2 | 2069.5 | 1880.5 |
| 60°    | 1652.0 | 1670.0 | 1704.2 | 1598.0 | 1448.6 | 1673.6 | 1738.4 | 1814.0 | 1871.5 | 2128.9 | 1936.3 |
| 62.5°  | 1419.9 | 1443.2 | 1563.8 | 1596.2 | 1497.2 | 1790.6 | 1873.3 | 1939.9 | 1993.9 | 2161.3 | 1975.9 |
| 65°    | 1076.1 | 1119.3 | 1293.9 | 1481.0 | 1493.6 | 1927.3 | 1983.1 | 2047.9 | 2100.1 | 2193.7 | 2078.5 |
| 67.5°  | 687.4  | 689.2  | 878.2  | 1223.7 | 1392.9 | 2119.9 | 2130.7 | 2163.1 | 2197.3 | 2283.6 | 2224.3 |
| 70°    | 354.5  | 372.5  | 462.5  | 781.0  | 1140.9 | 2159.5 | 2499.6 | 2452.8 | 2400.6 | 2479.8 | 2413.2 |
| 72.5°  | 235.7  | 255.5  | 304.1  | 421.1  | 716.2  | 1947.1 | 2900.9 | 3030.5 | 2800.1 | 2625.6 | 2247.6 |
| 75°    | 133.2  | 144.0  | 203.4  | 332.9  | 442.7  | 1257.9 | 2855.9 | 3318.4 | 3052.1 | 2359.2 | 1806.8 |
| 77.5°  | 59.4   | 63.0   | 91.8   | 260.9  | 379.7  | 613.6  | 2247.6 | 2773.1 | 2666.9 | 1966.9 | 1302.9 |
| 80°    | 32.4   | 32.4   | 43.2   | 120.6  | 322.1  | 462.5  | 1491.8 | 1930.9 | 1814.0 | 1185.9 | 592.1  |
| 82.5°  | 18.0   | 19.8   | 25.2   | 57.6   | 196.2  | 422.9  | 943.0  | 1211.1 | 957.4  | 325.7  | 239.3  |
| 85°    | 7.2    | 7.2    | 10.8   | 30.6   | 72.0   | 358.1  | 516.5  | 575.9  | 386.9  | 165.6  | 185.4  |
| 87.5°  | 3.6    | 3.6    | 3.6    | 10.8   | 23.4   | 91.8   | 169.2  | 181.8  | 142.2  | 131.4  | 160.2  |
| 90°    | 5.4    | 5.4    | 3.6    | 3.6    | 16.2   | 97.2   | 142.2  | 149.4  | 117.0  | 131.4  | 162.0  |
| 92.5°  | 7.2    | 5.4    | 3.6    | 3.6    | 12.6   | 97.2   | 162.0  | 160.2  | 117.0  | 131.4  | 167.4  |
| 95°    | 9.0    | 7.2    | 3.6    | 3.6    | 12.6   | 86.4   | 194.4  | 174.6  | 126.0  | 133.2  | 176.4  |
| 97.5°  | 9.0    | 9.0    | 3.6    | 3.6    | 12.6   | 66.6   | 205.1  | 176.4  | 109.8  | 86.4   | 120.6  |
| 100°   | 10.8   | 10.8   | 3.6    | 3.6    | 14.4   | 39.6   | 142.2  | 131.4  | 77.4   | 28.8   | 34.2   |
| 102.5° | 12.6   | 12.6   | 3.6    | 3.6    | 9.0    | 19.8   | 68.4   | 66.6   | 43.2   | 7.2    | 12.6   |
| 105°   | 12.6   | 14.4   | 3.6    | 3.6    | 3.6    | 9.0    | 25.2   | 30.6   | 21.6   | 7.2    | 12.6   |
| 107.5° | 14.4   | 16.2   | 3.6    | 3.6    | 3.6    | 5.4    | 10.8   | 10.8   | 7.2    | 7.2    | 12.6   |



REPORT NUMBER: P560421

CATALOG NUMBER: SDL-PA1-40-760-U-SL3-HSS-A

**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 15° | 25° | 35° | 45° | 55° | 60° | 65° | 75°  | 85°  |
|--------|------|------|-----|-----|-----|-----|-----|-----|-----|------|------|
| 112.5° | 10.8 | 10.8 | 1.8 | 3.6 | 3.6 | 3.6 | 1.8 | 3.6 | 3.6 | 5.4  | 10.8 |
| 115°   | 5.4  | 3.6  | 1.8 | 3.6 | 1.8 | 3.6 | 1.8 | 3.6 | 5.4 | 5.4  | 12.6 |
| 117.5° | 1.8  | 1.8  | 1.8 | 1.8 | 1.8 | 3.6 | 1.8 | 3.6 | 3.6 | 9.0  | 16.2 |
| 120°   | 1.8  | 1.8  | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 3.6 | 3.6 | 12.6 | 19.8 |
| 122.5° | 1.8  | 1.8  | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 3.6 | 3.6 | 12.6 | 23.4 |
| 125°   | 1.8  | 1.8  | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 3.6 | 3.6 | 9.0  | 21.6 |
| 127.5° | 1.8  | 1.8  | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 3.6 | 3.6 | 9.0  | 18.0 |
| 130°   | 1.8  | 1.8  | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 3.6 | 3.6 | 7.2  | 16.2 |
| 132.5° | 1.8  | 1.8  | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 3.6 | 7.2  | 12.6 |
| 135°   | 1.8  | 1.8  | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 3.6  | 9.0  |
| 137.5° | 1.8  | 1.8  | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8  | 3.6  |
| 140°   | 1.8  | 0.0  | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8  | 1.8  |
| 142.5° | 1.8  | 0.0  | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8  | 1.8  |
| 145°   | 1.8  | 1.8  | 1.8 | 1.8 | 3.6 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8  | 1.8  |
| 147.5° | 1.8  | 1.8  | 1.8 | 3.6 | 3.6 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8  | 1.8  |
| 150°   | 7.2  | 7.2  | 7.2 | 5.4 | 3.6 | 1.8 | 5.4 | 3.6 | 1.8 | 1.8  | 1.8  |
| 152.5° | 5.4  | 5.4  | 9.0 | 3.6 | 1.8 | 1.8 | 1.8 | 5.4 | 5.4 | 1.8  | 1.8  |
| 155°   | 5.4  | 5.4  | 3.6 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 5.4  | 7.2  |
| 157.5° | 1.8  | 1.8  | 1.8 | 0.0 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 3.6  | 1.8  |
| 160°   | 0.0  | 0.0  | 0.0 | 0.0 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8  | 1.8  |
| 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: P560421

CATALOG NUMBER: SDL-PA1-40-760-U-SL3-HSS-A

**CANDELA DISTRIBUTION (continued):**

|        | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1029.3 | 1029.3 | 1029.3 | 1029.3 | 1029.3 | 1029.3 | 1029.3 | 1029.3 | 1029.3 | 1029.3 | 1029.3 |
| 2.5°   | 1022.1 | 1011.4 | 982.6  | 955.6  | 923.2  | 903.4  | 835.0  | 757.6  | 741.4  | 737.8  | 725.2  |
| 5°     | 997.0  | 973.6  | 917.8  | 799.0  | 680.2  | 626.2  | 601.1  | 581.3  | 554.3  | 548.9  | 541.7  |
| 7.5°   | 845.8  | 806.2  | 719.8  | 574.1  | 556.1  | 505.7  | 464.3  | 430.1  | 356.3  | 336.5  | 325.7  |
| 10°    | 703.6  | 669.4  | 491.3  | 417.5  | 379.7  | 341.9  | 296.9  | 262.7  | 232.1  | 217.7  | 212.3  |
| 12.5°  | 568.7  | 534.5  | 367.1  | 331.1  | 235.7  | 194.4  | 169.2  | 140.4  | 117.0  | 104.4  | 104.4  |
| 15°    | 629.8  | 574.1  | 379.7  | 235.7  | 154.8  | 115.2  | 84.6   | 75.6   | 88.2   | 90.0   | 90.0   |
| 17.5°  | 514.7  | 458.9  | 298.7  | 183.6  | 113.4  | 63.0   | 68.4   | 77.4   | 84.6   | 73.8   | 75.6   |
| 20°    | 592.1  | 514.7  | 300.5  | 138.6  | 72.0   | 61.2   | 63.0   | 57.6   | 77.4   | 79.2   | 79.2   |
| 22.5°  | 448.1  | 404.9  | 226.7  | 109.8  | 55.8   | 57.6   | 54.0   | 64.8   | 72.0   | 63.0   | 61.2   |
| 25°    | 579.5  | 476.9  | 230.3  | 70.2   | 55.8   | 46.8   | 55.8   | 50.4   | 66.6   | 68.4   | 68.4   |
| 27.5°  | 664.0  | 534.5  | 201.6  | 61.2   | 46.8   | 50.4   | 45.0   | 52.2   | 50.4   | 50.4   | 50.4   |
| 30°    | 754.0  | 583.1  | 196.2  | 59.4   | 45.0   | 41.4   | 43.2   | 41.4   | 48.6   | 50.4   | 50.4   |
| 32.5°  | 754.0  | 557.9  | 149.4  | 59.4   | 43.2   | 39.6   | 34.2   | 37.8   | 39.6   | 43.2   | 45.0   |
| 35°    | 759.4  | 536.3  | 109.8  | 54.0   | 39.6   | 34.2   | 30.6   | 30.6   | 34.2   | 36.0   | 36.0   |
| 37.5°  | 775.6  | 521.9  | 84.6   | 50.4   | 36.0   | 30.6   | 25.2   | 27.0   | 46.8   | 52.2   | 52.2   |
| 40°    | 820.6  | 521.9  | 72.0   | 46.8   | 32.4   | 27.0   | 21.6   | 34.2   | 39.6   | 46.8   | 46.8   |
| 42.5°  | 890.8  | 529.1  | 68.4   | 45.0   | 28.8   | 23.4   | 18.0   | 27.0   | 48.6   | 55.8   | 57.6   |
| 45°    | 964.6  | 543.5  | 64.8   | 43.2   | 27.0   | 19.8   | 21.6   | 32.4   | 37.8   | 50.4   | 50.4   |
| 47.5°  | 1067.1 | 574.1  | 63.0   | 41.4   | 25.2   | 16.2   | 19.8   | 32.4   | 41.4   | 54.0   | 54.0   |
| 50°    | 1178.7 | 606.5  | 59.4   | 39.6   | 21.6   | 14.4   | 30.6   | 27.0   | 34.2   | 55.8   | 55.8   |
| 52.5°  | 1293.9 | 644.2  | 57.6   | 37.8   | 19.8   | 19.8   | 34.2   | 32.4   | 41.4   | 54.0   | 55.8   |
| 55°    | 1394.7 | 674.8  | 54.0   | 37.8   | 18.0   | 18.0   | 36.0   | 32.4   | 37.8   | 50.4   | 52.2   |
| 57.5°  | 1443.2 | 680.2  | 52.2   | 36.0   | 16.2   | 18.0   | 34.2   | 39.6   | 34.2   | 41.4   | 45.0   |
| 60°    | 1504.4 | 694.6  | 46.8   | 32.4   | 14.4   | 23.4   | 39.6   | 52.2   | 46.8   | 54.0   | 57.6   |
| 62.5°  | 1562.0 | 705.4  | 41.4   | 28.8   | 12.6   | 25.2   | 52.2   | 63.0   | 50.4   | 63.0   | 70.2   |
| 65°    | 1668.2 | 728.8  | 34.2   | 23.4   | 10.8   | 28.8   | 59.4   | 75.6   | 55.8   | 73.8   | 73.8   |
| 67.5°  | 1815.8 | 766.6  | 27.0   | 19.8   | 10.8   | 32.4   | 61.2   | 86.4   | 66.6   | 81.0   | 79.2   |
| 70°    | 1873.3 | 705.4  | 23.4   | 18.0   | 10.8   | 37.8   | 66.6   | 93.6   | 70.2   | 90.0   | 90.0   |
| 72.5°  | 1634.0 | 509.3  | 19.8   | 18.0   | 18.0   | 43.2   | 82.8   | 102.6  | 77.4   | 113.4  | 111.6  |
| 75°    | 1261.5 | 320.3  | 19.8   | 18.0   | 21.6   | 54.0   | 93.6   | 109.8  | 82.8   | 126.0  | 124.2  |
| 77.5°  | 840.4  | 151.2  | 19.8   | 19.8   | 25.2   | 59.4   | 100.8  | 117.0  | 91.8   | 140.4  | 138.6  |
| 80°    | 329.3  | 82.8   | 21.6   | 21.6   | 30.6   | 63.0   | 108.0  | 120.6  | 95.4   | 151.2  | 149.4  |
| 82.5°  | 158.4  | 57.6   | 21.6   | 21.6   | 41.4   | 70.2   | 115.2  | 126.0  | 99.0   | 153.0  | 151.2  |
| 85°    | 135.0  | 54.0   | 19.8   | 23.4   | 50.4   | 88.2   | 122.4  | 124.2  | 100.8  | 145.8  | 145.8  |
| 87.5°  | 120.6  | 52.2   | 19.8   | 23.4   | 68.4   | 102.6  | 127.8  | 122.4  | 108.0  | 142.2  | 142.2  |
| 90°    | 124.2  | 55.8   | 21.6   | 27.0   | 77.4   | 104.4  | 129.6  | 122.4  | 104.4  | 131.4  | 131.4  |
| 92.5°  | 133.2  | 59.4   | 23.4   | 28.8   | 77.4   | 97.2   | 120.6  | 109.8  | 97.2   | 111.6  | 109.8  |
| 95°    | 140.4  | 63.0   | 25.2   | 32.4   | 68.4   | 75.6   | 100.8  | 88.2   | 81.0   | 86.4   | 86.4   |
| 97.5°  | 108.0  | 48.6   | 28.8   | 36.0   | 52.2   | 45.0   | 63.0   | 57.6   | 43.2   | 36.0   | 36.0   |
| 100°   | 28.8   | 16.2   | 30.6   | 36.0   | 36.0   | 30.6   | 46.8   | 43.2   | 28.8   | 12.6   | 12.6   |
| 102.5° | 10.8   | 10.8   | 28.8   | 34.2   | 28.8   | 23.4   | 34.2   | 32.4   | 23.4   | 3.6    | 3.6    |
| 105°   | 10.8   | 9.0    | 18.0   | 27.0   | 18.0   | 12.6   | 18.0   | 21.6   | 14.4   | 3.6    | 3.6    |
| 107.5° | 10.8   | 9.0    | 10.8   | 16.2   | 7.2    | 5.4    | 7.2    | 7.2    | 7.2    | 1.8    | 3.6    |



REPORT NUMBER: P560421

CATALOG NUMBER: SDL-PA1-40-760-U-SL3-HSS-A

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 10.8 | 9.0  | 5.4  | 7.2  | 5.4  | 5.4  | 3.6  | 3.6  | 5.4  | 10.8 | 10.8 |
| 115°   | 10.8 | 9.0  | 5.4  | 5.4  | 3.6  | 5.4  | 3.6  | 1.8  | 5.4  | 12.6 | 14.4 |
| 117.5° | 14.4 | 9.0  | 3.6  | 3.6  | 3.6  | 3.6  | 3.6  | 1.8  | 5.4  | 16.2 | 18.0 |
| 120°   | 18.0 | 10.8 | 3.6  | 3.6  | 3.6  | 1.8  | 3.6  | 1.8  | 7.2  | 16.2 | 18.0 |
| 122.5° | 19.8 | 12.6 | 3.6  | 3.6  | 3.6  | 1.8  | 1.8  | 3.6  | 7.2  | 16.2 | 16.2 |
| 125°   | 19.8 | 12.6 | 3.6  | 3.6  | 1.8  | 1.8  | 1.8  | 1.8  | 7.2  | 16.2 | 18.0 |
| 127.5° | 16.2 | 10.8 | 3.6  | 3.6  | 1.8  | 1.8  | 1.8  | 1.8  | 7.2  | 14.4 | 16.2 |
| 130°   | 14.4 | 10.8 | 3.6  | 3.6  | 1.8  | 1.8  | 1.8  | 1.8  | 7.2  | 12.6 | 14.4 |
| 132.5° | 10.8 | 9.0  | 3.6  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 7.2  | 10.8 | 12.6 |
| 135°   | 9.0  | 5.4  | 3.6  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 5.4  | 10.8 | 10.8 |
| 137.5° | 3.6  | 3.6  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 3.6  | 5.4  | 5.4  |
| 140°   | 3.6  | 3.6  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 3.6  | 3.6  |
| 142.5° | 1.8  | 3.6  | 1.8  | 1.8  | 1.8  | 1.8  | 0.0  | 1.8  | 1.8  | 1.8  | 1.8  |
| 145°   | 1.8  | 3.6  | 1.8  | 1.8  | 1.8  | 1.8  | 0.0  | 1.8  | 1.8  | 1.8  | 1.8  |
| 147.5° | 1.8  | 3.6  | 1.8  | 1.8  | 1.8  | 1.8  | 0.0  | 1.8  | 1.8  | 1.8  | 1.8  |
| 150°   | 1.8  | 3.6  | 1.8  | 1.8  | 1.8  | 1.8  | 0.0  | 1.8  | 1.8  | 1.8  | 3.6  |
| 152.5° | 1.8  | 3.6  | 1.8  | 1.8  | 1.8  | 0.0  | 0.0  | 1.8  | 1.8  | 1.8  | 1.8  |
| 155°   | 7.2  | 5.4  | 3.6  | 1.8  | 1.8  | 0.0  | 0.0  | 0.0  | 1.8  | 1.8  | 1.8  |
| 157.5° | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 0.0  | 0.0  | 0.0  | 1.8  | 1.8  | 1.8  |
| 160°   | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 0.0  | 0.0  | 0.0  | 1.8  | 1.8  | 1.8  |
| 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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|      |      |      |     |     |     |     |     |     |     |     |      |
|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 110° | 14.4 | 14.4 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 7.2 | 12.6 |
|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|





|      |      |     |     |     |     |     |     |     |     |     |     |
|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 110° | 10.8 | 9.0 | 5.4 | 7.2 | 5.4 | 5.4 | 5.4 | 3.6 | 3.6 | 7.2 | 7.2 |
|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|



(END OF REPORT)