

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: P150326

Luminaire Tested: **AVS-F02-LED-E-U-SL2-7050**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P150326  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33678)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: AVS-F02-LED-E-U-SL2-7050  
Description: VISION SITE SMALL LED LUMINAIRE  
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL  
Light Source: (14) 5000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5175.8 lumens  
Efficiency: N/A  
Efficacy: 94.1 lumens/watt  
Luminous Opening: Rectangular (W 0.33' x L: 1' x H: 0')  
IES Classification: Type II - Short - Non-Cutoff  
BUG Rating: B1 - U0 - G1

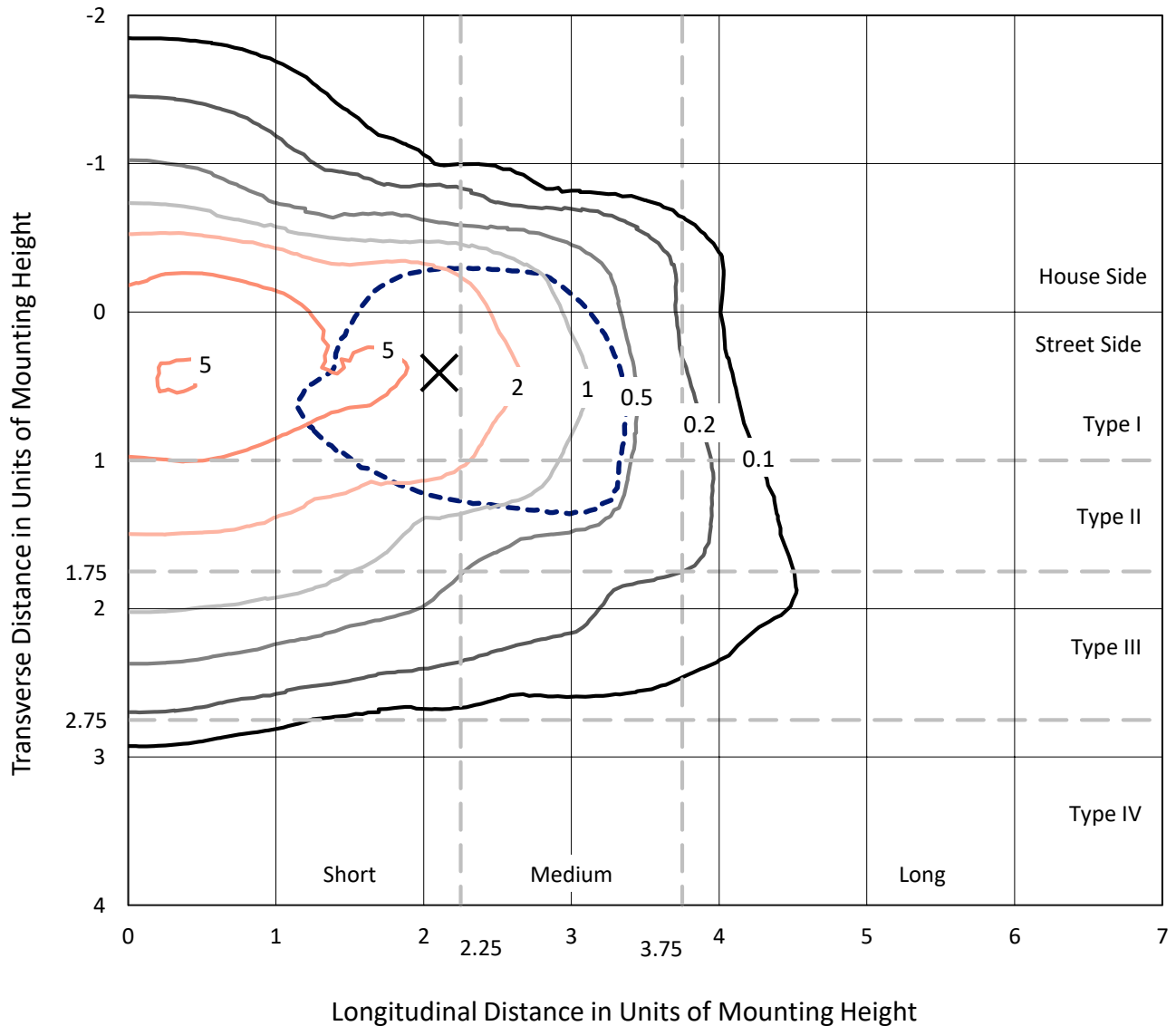
Input Watts (W): 55  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

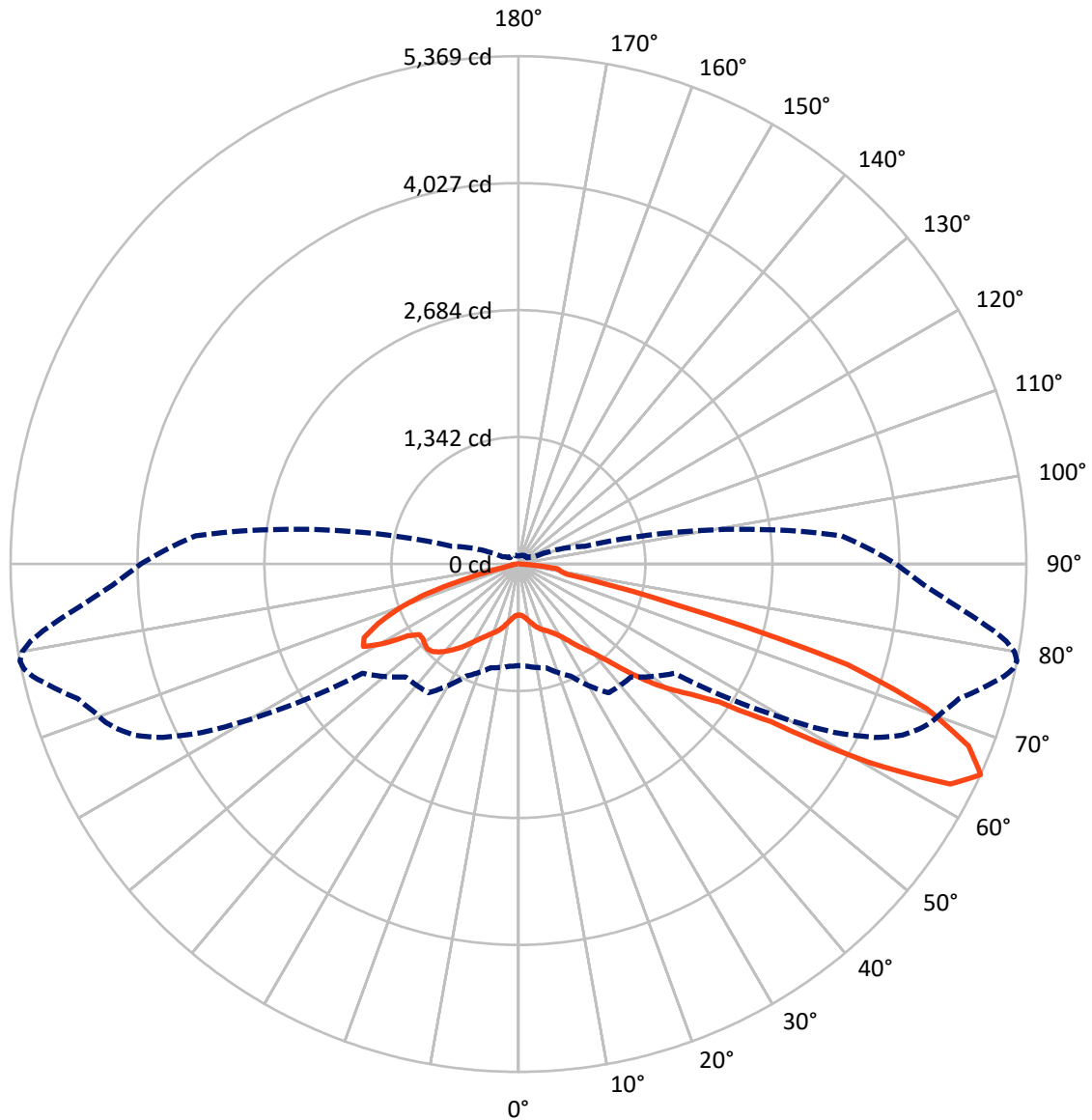
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 7.1 fc  
 Type II - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 79-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1223.6   | 0.0    | 1223.6 |
|                    | % Fixture | 23.6     | 0.0    | 23.6   |
| <b>Street Side</b> | Lumens    | 3952.2   | 0.0    | 3952.2 |
|                    | % Fixture | 76.4     | 0.0    | 76.4   |
| <b>Total</b>       | Lumens    | 5175.8   | 0.0    | 5175.8 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 53.6   | 1.0       |
| 10°-20°   | 175.1  | 3.4       |
| 20°-30°   | 302.5  | 5.8       |
| 30°-40°   | 500.7  | 9.7       |
| 40°-50°   | 849.1  | 16.4      |
| 50°-60°   | 1128.2 | 21.8      |
| 60°-70°   | 1457.3 | 28.2      |
| 70°-80°   | 611.2  | 11.8      |
| 80°-90°   | 98.2   | 1.9       |
| 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°    | 5175.8 | 100.0     |
| 0°-180°   | 5175.8 | 100.0     |



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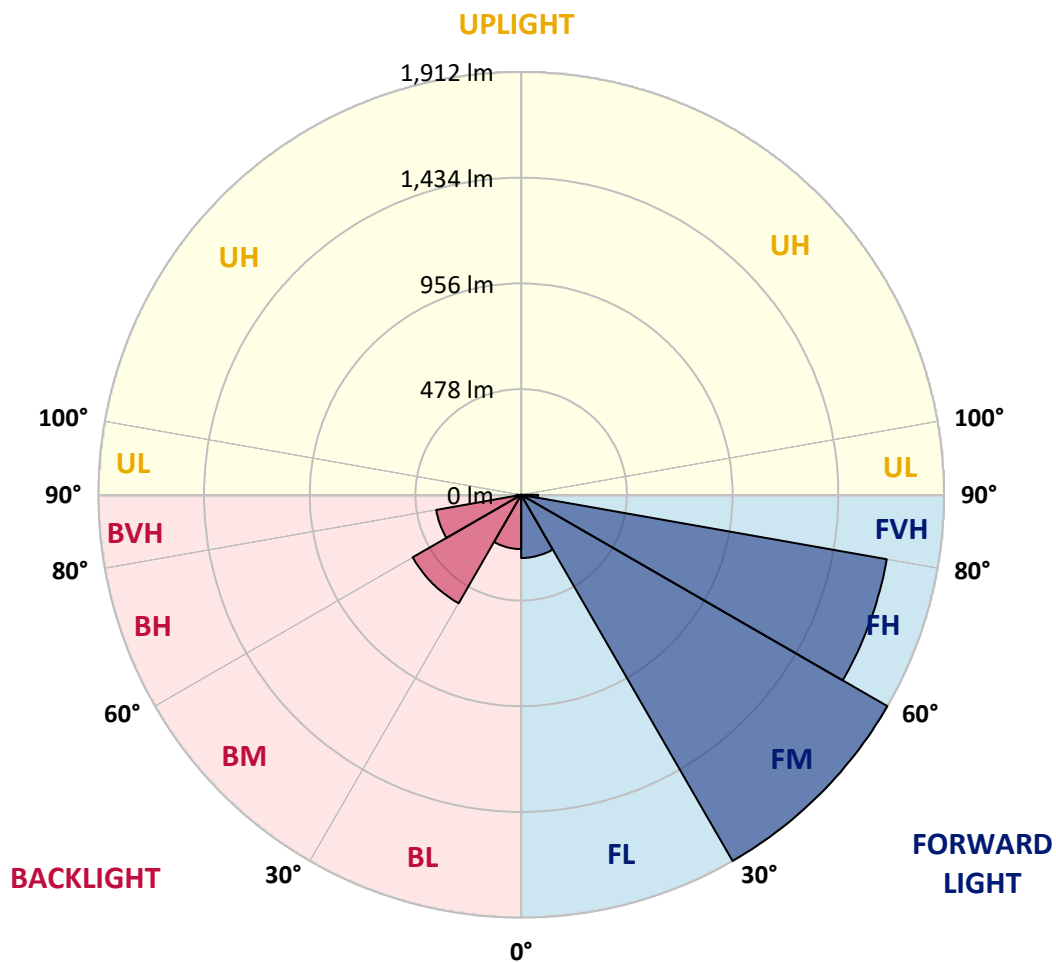
CATALOG NUMBER: AVS-F02-LED-E-U-SL2-7050

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

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 285.6  | 5.5       |                         |      |         |
| FM (30°-60°)   | 1911.6 | 36.9      |                         |      |         |
| FH (60°-80°)   | 1678.3 | 32.4      |                         |      | G1/1800 |
| FVH (80°-90°)  | 76.8   | 1.5       |                         |      | G1/100  |
| BL (0°-30°)    | 245.5  | 4.7       | B1/500                  |      |         |
| BM (30°-60°)   | 566.4  | 10.9      | B1/1000                 |      |         |
| BH (60°-80°)   | 390.2  | 7.5       | B1/500                  |      | G1/500  |
| BVH (80°-90°)  | 21.4   | 0.4       |                         |      | G1/100  |
| UL (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G1**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 60°    | 61°    | 62°    | 64°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 538.8  | 538.8  | 538.8  | 538.8  | 538.8  | 538.8  | 538.8  | 538.8  | 538.8  | 538.8  | 538.8  |
| 2.5°  | 537.0  | 538.8  | 537.6  | 538.8  | 539.9  | 540.4  | 541.6  | 541.0  | 541.0  | 541.6  | 540.4  |
| 5°    | 537.0  | 537.0  | 538.8  | 541.6  | 542.7  | 546.1  | 550.1  | 549.4  | 550.1  | 549.4  | 550.6  |
| 7.5°  | 548.3  | 547.8  | 549.4  | 552.8  | 554.0  | 559.1  | 565.8  | 566.9  | 568.1  | 568.1  | 569.8  |
| 10°   | 568.1  | 567.6  | 569.2  | 570.9  | 572.6  | 576.6  | 586.2  | 590.2  | 590.7  | 591.3  | 593.5  |
| 12.5° | 593.0  | 592.4  | 590.2  | 590.2  | 589.5  | 596.9  | 609.8  | 617.2  | 618.3  | 620.6  | 622.3  |
| 15°   | 610.5  | 608.8  | 605.4  | 603.1  | 605.9  | 617.8  | 637.0  | 645.5  | 646.6  | 648.3  | 652.8  |
| 17.5° | 627.4  | 625.7  | 618.3  | 612.7  | 616.7  | 635.9  | 661.9  | 670.9  | 673.2  | 674.8  | 679.9  |
| 20°   | 651.1  | 649.9  | 639.3  | 625.7  | 624.6  | 649.4  | 681.0  | 693.0  | 694.6  | 696.9  | 702.0  |
| 22.5° | 687.3  | 682.2  | 669.7  | 644.4  | 631.9  | 657.3  | 694.6  | 711.0  | 713.3  | 715.5  | 722.3  |
| 25°   | 732.4  | 730.2  | 708.7  | 669.7  | 643.7  | 665.3  | 709.3  | 729.6  | 733.0  | 735.9  | 744.9  |
| 27.5° | 779.3  | 776.0  | 752.7  | 702.0  | 664.7  | 681.0  | 732.4  | 755.5  | 760.1  | 764.7  | 773.1  |
| 30°   | 821.1  | 820.0  | 800.7  | 745.4  | 698.5  | 711.0  | 769.7  | 797.9  | 803.0  | 808.7  | 816.6  |
| 32.5° | 919.4  | 919.9  | 900.2  | 843.7  | 780.4  | 765.2  | 823.3  | 865.7  | 868.0  | 874.7  | 888.9  |
| 35°   | 1107.5 | 1109.6 | 1102.3 | 1057.7 | 986.5  | 923.8  | 929.5  | 971.3  | 973.6  | 979.2  | 992.7  |
| 37.5° | 1233.4 | 1237.8 | 1260.4 | 1274.6 | 1238.4 | 1209.6 | 1137.9 | 1121.6 | 1123.2 | 1119.8 | 1117.0 |
| 40°   | 1302.8 | 1309.5 | 1368.9 | 1442.3 | 1481.9 | 1482.4 | 1451.3 | 1379.1 | 1351.4 | 1343.4 | 1309.5 |
| 42.5° | 1342.4 | 1353.6 | 1437.7 | 1563.1 | 1676.7 | 1754.6 | 1773.8 | 1693.6 | 1673.3 | 1637.1 | 1572.1 |
| 45°   | 1368.3 | 1381.9 | 1481.2 | 1653.0 | 1820.1 | 1952.7 | 2052.7 | 2017.2 | 2003.6 | 1981.6 | 1921.8 |
| 47.5° | 1363.8 | 1374.5 | 1477.8 | 1683.4 | 1895.2 | 2083.8 | 2261.1 | 2297.8 | 2281.5 | 2275.9 | 2235.1 |
| 50°   | 1281.3 | 1291.0 | 1396.0 | 1607.8 | 1854.0 | 2133.5 | 2393.3 | 2497.2 | 2497.2 | 2507.9 | 2495.4 |
| 52.5° | 1193.3 | 1201.1 | 1296.6 | 1486.9 | 1720.7 | 2085.0 | 2466.7 | 2639.0 | 2661.6 | 2680.1 | 2709.5 |
| 55°   | 1159.9 | 1169.5 | 1241.8 | 1404.5 | 1607.2 | 1946.0 | 2491.5 | 2745.1 | 2786.8 | 2818.5 | 2885.2 |
| 57.5° | 1175.8 | 1185.4 | 1236.7 | 1359.8 | 1540.5 | 1804.2 | 2492.6 | 2888.0 | 2968.7 | 3033.7 | 3168.6 |
| 60°   | 1244.0 | 1253.1 | 1296.1 | 1401.0 | 1523.0 | 1722.4 | 2444.7 | 3115.5 | 3244.2 | 3366.3 | 3591.0 |
| 62.5° | 1212.4 | 1223.7 | 1286.4 | 1469.4 | 1653.5 | 1660.3 | 2271.3 | 3291.7 | 3499.0 | 3679.2 | 4036.6 |
| 65°   | 1074.1 | 1085.9 | 1135.1 | 1306.2 | 1661.3 | 1687.4 | 2014.3 | 3295.1 | 3552.6 | 3796.1 | 4181.8 |
| 67.5° | 815.4  | 820.0  | 859.0  | 996.2  | 1328.8 | 1717.3 | 1750.1 | 2904.9 | 3149.9 | 3421.7 | 3819.8 |
| 70°   | 416.8  | 424.7  | 436.0  | 550.1  | 855.5  | 1419.2 | 1503.8 | 2140.8 | 2453.2 | 2733.8 | 3212.1 |
| 72.5° | 144.6  | 147.4  | 158.7  | 210.1  | 416.8  | 931.2  | 1316.4 | 1467.2 | 1655.8 | 1918.3 | 2472.3 |
| 75°   | 86.9   | 86.9   | 90.9   | 106.2  | 190.3  | 485.1  | 1171.2 | 1198.3 | 1223.7 | 1311.8 | 1674.4 |
| 77.5° | 68.9   | 70.1   | 70.1   | 72.8   | 105.6  | 249.0  | 889.4  | 1114.2 | 1117.6 | 1126.0 | 1187.0 |
| 80°   | 49.1   | 51.4   | 56.0   | 58.1   | 68.3   | 136.7  | 499.2  | 978.1  | 1044.8 | 1076.9 | 1121.6 |
| 82.5° | 36.7   | 39.0   | 47.5   | 50.3   | 53.1   | 76.3   | 224.1  | 674.8  | 796.3  | 860.6  | 1017.6 |
| 85°   | 16.4   | 19.2   | 32.2   | 35.5   | 37.3   | 40.6   | 105.1  | 192.0  | 220.8  | 247.9  | 326.9  |
| 87.5° | 2.8    | 2.8    | 5.1    | 7.4    | 10.8   | 10.2   | 23.1   | 32.7   | 33.4   | 39.0   | 43.5   |
| 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):**

|       | 65°    | 66°    | 67°    | 68°    | 69°    | 70°    | 71°    | 72°    | 73°    | 74°    | 75°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 538.8  | 538.8  | 538.8  | 538.8  | 538.8  | 538.8  | 538.8  | 538.8  | 538.8  | 538.8  | 538.8  |
| 2.5°  | 540.4  | 540.4  | 540.4  | 539.9  | 540.4  | 540.4  | 540.4  | 540.4  | 541.0  | 541.0  | 541.0  |
| 5°    | 552.3  | 551.2  | 551.7  | 551.7  | 551.7  | 551.2  | 552.3  | 551.7  | 552.3  | 554.0  | 553.5  |
| 7.5°  | 569.8  | 570.9  | 571.5  | 572.0  | 572.0  | 572.0  | 572.6  | 573.8  | 573.8  | 575.4  | 574.9  |
| 10°   | 595.8  | 595.2  | 595.8  | 597.5  | 599.2  | 599.7  | 601.5  | 600.8  | 602.0  | 604.2  | 606.5  |
| 12.5° | 623.4  | 624.6  | 626.3  | 628.0  | 630.8  | 631.4  | 633.1  | 633.6  | 637.0  | 637.0  | 639.3  |
| 15°   | 654.5  | 655.0  | 658.4  | 659.1  | 662.4  | 663.5  | 666.3  | 667.5  | 671.4  | 672.0  | 674.3  |
| 17.5° | 682.7  | 683.8  | 685.6  | 687.3  | 691.2  | 693.0  | 695.1  | 697.4  | 700.8  | 702.0  | 705.9  |
| 20°   | 705.3  | 707.6  | 708.2  | 711.5  | 714.9  | 717.2  | 719.5  | 721.7  | 725.1  | 726.8  | 730.8  |
| 22.5° | 725.7  | 727.9  | 729.6  | 732.4  | 734.7  | 738.1  | 739.2  | 743.2  | 746.5  | 749.4  | 752.7  |
| 25°   | 747.7  | 751.1  | 752.7  | 757.8  | 759.6  | 762.9  | 765.8  | 769.7  | 774.2  | 777.6  | 782.2  |
| 27.5° | 778.8  | 783.8  | 786.1  | 791.7  | 795.6  | 797.4  | 801.9  | 807.6  | 811.5  | 815.4  | 820.0  |
| 30°   | 821.7  | 831.3  | 833.0  | 836.9  | 844.2  | 845.4  | 851.0  | 855.5  | 861.8  | 865.7  | 869.6  |
| 32.5° | 888.3  | 900.2  | 901.2  | 905.8  | 912.0  | 914.3  | 918.8  | 923.8  | 933.5  | 935.1  | 941.3  |
| 35°   | 990.5  | 995.6  | 1000.1 | 1001.8 | 1006.8 | 1009.7 | 1013.1 | 1018.8 | 1028.4 | 1027.3 | 1034.0 |
| 37.5° | 1113.1 | 1114.7 | 1115.3 | 1109.6 | 1110.8 | 1105.7 | 1111.9 | 1113.1 | 1116.5 | 1119.3 | 1126.0 |
| 40°   | 1288.1 | 1270.6 | 1268.4 | 1254.8 | 1241.2 | 1233.9 | 1231.1 | 1219.8 | 1222.6 | 1223.7 | 1229.4 |
| 42.5° | 1543.9 | 1510.1 | 1481.9 | 1462.6 | 1429.3 | 1413.0 | 1390.9 | 1373.4 | 1359.8 | 1364.9 | 1367.2 |
| 45°   | 1868.1 | 1819.5 | 1774.3 | 1715.6 | 1672.1 | 1641.0 | 1602.1 | 1567.0 | 1551.3 | 1543.9 | 1553.0 |
| 47.5° | 2191.7 | 2148.7 | 2095.6 | 2035.2 | 1966.3 | 1914.9 | 1850.1 | 1793.0 | 1753.5 | 1738.8 | 1746.6 |
| 50°   | 2471.2 | 2431.7 | 2391.6 | 2356.0 | 2275.9 | 2219.9 | 2131.2 | 2057.3 | 1995.1 | 1963.5 | 1955.0 |
| 52.5° | 2703.3 | 2682.4 | 2660.9 | 2631.0 | 2566.6 | 2510.8 | 2440.1 | 2367.3 | 2284.9 | 2220.5 | 2198.4 |
| 55°   | 2910.6 | 2923.0 | 2912.2 | 2912.8 | 2887.4 | 2851.8 | 2791.9 | 2737.7 | 2680.1 | 2607.3 | 2576.8 |
| 57.5° | 3212.6 | 3286.1 | 3300.7 | 3337.5 | 3355.5 | 3374.7 | 3391.7 | 3359.5 | 3344.9 | 3290.6 | 3291.2 |
| 60°   | 3688.7 | 3796.1 | 3889.2 | 3973.9 | 4043.4 | 4111.2 | 4182.3 | 4213.9 | 4248.9 | 4265.3 | 4321.2 |
| 62.5° | 4195.2 | 4297.5 | 4436.4 | 4549.9 | 4613.8 | 4701.9 | 4779.2 | 4829.4 | 4891.0 | 4956.5 | 5041.8 |
| 65°   | 4320.6 | 4443.7 | 4531.3 | 4606.9 | 4670.3 | 4717.1 | 4759.5 | 4819.3 | 4870.7 | 4974.6 | 5075.1 |
| 67.5° | 3999.3 | 4097.6 | 4177.8 | 4252.3 | 4301.5 | 4340.9 | 4378.9 | 4418.3 | 4506.4 | 4600.7 | 4701.9 |
| 70°   | 3433.0 | 3551.5 | 3684.2 | 3780.8 | 3805.1 | 3839.0 | 3875.1 | 3926.5 | 3970.6 | 4069.3 | 4146.1 |
| 72.5° | 2758.0 | 2928.6 | 3041.0 | 3174.8 | 3203.6 | 3255.0 | 3275.3 | 3315.4 | 3323.3 | 3377.0 | 3397.3 |
| 75°   | 1922.3 | 2117.7 | 2230.7 | 2328.9 | 2348.1 | 2319.9 | 2331.2 | 2189.4 | 2153.3 | 2123.9 | 2100.2 |
| 77.5° | 1268.9 | 1321.5 | 1339.5 | 1323.7 | 1248.0 | 1188.7 | 1125.5 | 1063.3 | 1070.2 | 1019.9 | 931.8  |
| 80°   | 1128.3 | 1140.2 | 1123.8 | 1108.0 | 1064.5 | 1002.4 | 945.3  | 887.2  | 858.3  | 827.9  | 782.7  |
| 82.5° | 1097.8 | 1143.5 | 1148.6 | 1129.4 | 1095.0 | 1027.3 | 958.3  | 871.9  | 798.5  | 730.8  | 661.9  |
| 85°   | 367.0  | 446.7  | 482.3  | 515.5  | 525.8  | 537.6  | 497.0  | 441.7  | 374.9  | 330.4  | 258.7  |
| 87.5° | 46.8   | 58.1   | 67.2   | 57.6   | 67.2   | 79.1   | 57.0   | 63.8   | 64.4   | 40.1   | 29.9   |
| 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):**

|       | 76°    | 77°    | 78°    | 79°    | 80°    | 81°    | 82°    | 83°    | 84°    | 85°    | 86°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 538.8  | 538.8  | 538.8  | 538.8  | 538.8  | 538.8  | 538.8  | 538.8  | 538.8  | 538.8  | 538.8  |
| 2.5°  | 541.6  | 541.0  | 541.0  | 541.0  | 540.4  | 541.0  | 541.0  | 541.0  | 541.0  | 541.0  | 540.4  |
| 5°    | 554.0  | 554.0  | 555.6  | 556.3  | 555.1  | 554.5  | 555.1  | 555.6  | 555.6  | 555.1  | 555.6  |
| 7.5°  | 577.1  | 577.7  | 578.9  | 580.5  | 579.4  | 580.0  | 580.5  | 580.0  | 581.7  | 582.2  | 581.7  |
| 10°   | 606.5  | 607.7  | 610.5  | 611.0  | 610.5  | 612.7  | 613.3  | 612.1  | 613.3  | 613.3  | 615.5  |
| 12.5° | 640.4  | 641.6  | 644.9  | 646.0  | 647.2  | 647.8  | 649.4  | 649.9  | 651.7  | 652.8  | 654.5  |
| 15°   | 677.1  | 678.2  | 680.5  | 684.5  | 685.6  | 686.7  | 687.9  | 691.2  | 691.8  | 694.0  | 695.8  |
| 17.5° | 708.2  | 709.8  | 713.3  | 716.1  | 717.7  | 720.6  | 721.7  | 725.7  | 726.8  | 730.2  | 733.0  |
| 20°   | 733.0  | 735.9  | 738.7  | 742.1  | 744.9  | 748.3  | 749.4  | 753.4  | 755.5  | 757.3  | 760.7  |
| 22.5° | 755.5  | 759.0  | 762.9  | 766.8  | 769.1  | 773.7  | 775.3  | 777.1  | 782.2  | 784.4  | 787.8  |
| 25°   | 785.0  | 788.4  | 792.8  | 797.9  | 800.2  | 805.8  | 807.6  | 810.4  | 816.1  | 818.2  | 823.3  |
| 27.5° | 825.1  | 829.5  | 833.0  | 838.0  | 840.8  | 844.8  | 848.8  | 852.1  | 857.2  | 860.6  | 866.3  |
| 30°   | 875.3  | 878.7  | 884.4  | 888.3  | 892.8  | 898.4  | 903.0  | 906.3  | 909.2  | 914.3  | 920.5  |
| 32.5° | 949.3  | 949.8  | 951.5  | 961.1  | 965.7  | 970.2  | 976.4  | 979.2  | 983.7  | 988.8  | 995.6  |
| 35°   | 1041.3 | 1046.4 | 1050.4 | 1054.9 | 1060.0 | 1065.1 | 1067.4 | 1075.8 | 1079.7 | 1086.5 | 1093.3 |
| 37.5° | 1132.8 | 1133.4 | 1142.4 | 1145.3 | 1149.7 | 1154.8 | 1162.8 | 1171.2 | 1181.3 | 1188.2 | 1198.9 |
| 40°   | 1231.1 | 1235.6 | 1246.9 | 1252.5 | 1258.2 | 1270.6 | 1276.8 | 1290.4 | 1307.4 | 1316.9 | 1335.0 |
| 42.5° | 1373.4 | 1380.2 | 1400.5 | 1409.5 | 1423.1 | 1443.4 | 1456.4 | 1475.0 | 1481.9 | 1505.0 | 1513.5 |
| 45°   | 1559.8 | 1580.6 | 1610.1 | 1629.2 | 1653.5 | 1675.5 | 1686.8 | 1695.2 | 1705.5 | 1723.5 | 1721.2 |
| 47.5° | 1761.3 | 1788.5 | 1821.2 | 1860.7 | 1876.6 | 1902.5 | 1917.2 | 1933.6 | 1924.6 | 1920.0 | 1915.5 |
| 50°   | 1968.1 | 1999.7 | 2043.1 | 2078.8 | 2103.0 | 2118.9 | 2131.2 | 2129.0 | 2109.7 | 2099.6 | 2071.4 |
| 52.5° | 2197.9 | 2216.5 | 2257.7 | 2288.2 | 2302.9 | 2306.3 | 2303.5 | 2286.5 | 2268.5 | 2236.3 | 2203.0 |
| 55°   | 2550.3 | 2541.8 | 2558.1 | 2572.3 | 2567.8 | 2583.6 | 2542.9 | 2527.2 | 2482.5 | 2440.7 | 2396.1 |
| 57.5° | 3266.3 | 3277.6 | 3186.1 | 3144.9 | 3137.6 | 3152.2 | 3080.5 | 3071.5 | 2963.6 | 2950.1 | 2875.0 |
| 60°   | 4313.3 | 4368.6 | 4296.9 | 4256.8 | 4148.4 | 4112.8 | 4032.6 | 3999.3 | 3896.0 | 3812.4 | 3706.8 |
| 62.5° | 5100.5 | 5150.8 | 5180.7 | 5123.6 | 5060.4 | 4967.3 | 4845.8 | 4711.4 | 4601.9 | 4473.7 | 4361.9 |
| 65°   | 5171.7 | 5273.4 | 5342.2 | 5368.8 | 5324.1 | 5222.0 | 5072.3 | 4902.9 | 4735.1 | 4574.2 | 4433.1 |
| 67.5° | 4839.1 | 4929.9 | 5036.7 | 5132.1 | 5137.8 | 5071.2 | 4943.5 | 4771.3 | 4577.6 | 4378.9 | 4213.4 |
| 70°   | 4267.6 | 4381.7 | 4474.8 | 4575.3 | 4645.4 | 4606.9 | 4543.1 | 4385.1 | 4183.9 | 4029.2 | 3839.0 |
| 72.5° | 3470.8 | 3518.8 | 3541.3 | 3640.2 | 3641.3 | 3571.3 | 3526.1 | 3438.5 | 3276.5 | 3166.9 | 3021.8 |
| 75°   | 2026.7 | 1921.1 | 1808.8 | 1711.1 | 1631.5 | 1598.1 | 1450.2 | 1425.4 | 1325.9 | 1264.4 | 1174.1 |
| 77.5° | 835.8  | 741.5  | 620.1  | 519.0  | 419.1  | 373.9  | 308.3  | 279.6  | 242.3  | 225.9  | 215.1  |
| 80°   | 716.6  | 627.4  | 536.0  | 448.4  | 370.5  | 292.5  | 227.6  | 176.8  | 139.0  | 118.0  | 109.5  |
| 82.5° | 585.1  | 531.4  | 467.6  | 420.1  | 359.2  | 301.0  | 254.1  | 197.1  | 147.4  | 108.4  | 83.0   |
| 85°   | 211.2  | 173.4  | 139.5  | 128.2  | 102.2  | 84.1   | 70.6   | 60.4   | 49.7   | 39.5   | 35.0   |
| 87.5° | 23.7   | 22.6   | 13.0   | 12.4   | 14.1   | 10.2   | 11.8   | 10.8   | 9.0    | 7.9    | 8.5    |
| 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: P150326

CATALOG NUMBER: AVS-F02-LED-E-U-SL2-7050

**CANDELA DISTRIBUTION (continued):**

|       | 87°    | 88°    | 89°    | 90°    | 95°    | 105°   | 115°  | 125°  | 135°  | 145°  | 155°  |
|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 0°    | 538.8  | 538.8  | 538.8  | 538.8  | 538.8  | 538.8  | 538.8 | 538.8 | 538.8 | 538.8 | 538.8 |
| 2.5°  | 540.4  | 540.4  | 541.0  | 541.0  | 541.6  | 542.2  | 543.2 | 542.7 | 542.7 | 543.2 | 543.2 |
| 5°    | 555.6  | 557.4  | 556.8  | 556.8  | 556.8  | 557.4  | 557.9 | 555.6 | 553.5 | 551.2 | 550.1 |
| 7.5°  | 582.2  | 583.3  | 584.5  | 583.3  | 584.5  | 583.9  | 582.8 | 576.6 | 569.2 | 560.2 | 554.0 |
| 10°   | 616.7  | 616.7  | 617.8  | 617.2  | 619.5  | 617.8  | 614.4 | 600.3 | 584.5 | 565.3 | 551.2 |
| 12.5° | 654.0  | 657.9  | 656.2  | 656.8  | 661.2  | 656.8  | 648.8 | 628.0 | 599.7 | 568.7 | 543.8 |
| 15°   | 698.0  | 699.7  | 700.8  | 699.2  | 702.0  | 698.0  | 683.8 | 650.6 | 609.3 | 565.8 | 529.1 |
| 17.5° | 734.1  | 734.7  | 735.2  | 736.4  | 740.3  | 735.9  | 711.5 | 666.3 | 611.6 | 552.8 | 504.2 |
| 20°   | 762.4  | 765.2  | 767.5  | 767.5  | 773.1  | 766.3  | 734.1 | 674.3 | 604.2 | 531.4 | 472.6 |
| 22.5° | 791.7  | 794.0  | 796.8  | 797.4  | 804.8  | 797.9  | 752.7 | 672.5 | 585.1 | 500.9 | 436.0 |
| 25°   | 827.9  | 830.2  | 832.4  | 835.2  | 845.4  | 835.8  | 771.4 | 665.8 | 558.5 | 464.8 | 396.5 |
| 27.5° | 869.6  | 874.7  | 876.5  | 880.9  | 892.8  | 878.1  | 787.3 | 655.6 | 529.1 | 423.0 | 354.6 |
| 30°   | 925.6  | 931.8  | 934.1  | 940.2  | 956.6  | 924.5  | 796.3 | 638.1 | 491.9 | 380.6 | 310.1 |
| 32.5° | 1000.7 | 1009.1 | 1016.0 | 1022.7 | 1041.3 | 970.8  | 797.4 | 612.7 | 448.4 | 333.2 | 267.2 |
| 35°   | 1099.0 | 1111.9 | 1117.0 | 1121.6 | 1139.1 | 1021.0 | 792.3 | 574.9 | 395.3 | 284.7 | 233.3 |
| 37.5° | 1209.0 | 1222.1 | 1225.4 | 1227.7 | 1231.1 | 1063.9 | 779.9 | 517.3 | 335.4 | 242.3 | 206.1 |
| 40°   | 1344.6 | 1355.9 | 1360.4 | 1357.0 | 1339.0 | 1097.2 | 752.2 | 450.1 | 277.3 | 213.5 | 189.2 |
| 42.5° | 1510.1 | 1527.0 | 1528.7 | 1513.5 | 1453.6 | 1115.9 | 696.9 | 371.0 | 231.5 | 192.5 | 176.2 |
| 45°   | 1715.0 | 1713.9 | 1704.4 | 1693.6 | 1578.3 | 1108.5 | 619.5 | 302.1 | 202.7 | 176.2 | 164.4 |
| 47.5° | 1899.2 | 1879.9 | 1865.3 | 1833.7 | 1688.5 | 1065.6 | 519.6 | 250.2 | 185.2 | 163.7 | 154.2 |
| 50°   | 2049.9 | 2014.9 | 1983.8 | 1949.4 | 1770.4 | 989.4  | 420.1 | 212.3 | 168.8 | 153.1 | 144.6 |
| 52.5° | 2169.1 | 2126.7 | 2090.6 | 2056.7 | 1849.4 | 904.7  | 344.5 | 184.7 | 153.1 | 142.3 | 133.9 |
| 55°   | 2355.4 | 2313.1 | 2255.4 | 2218.2 | 1970.3 | 826.7  | 295.3 | 162.6 | 137.8 | 131.0 | 122.6 |
| 57.5° | 2826.9 | 2789.7 | 2720.8 | 2624.2 | 2280.9 | 797.4  | 267.7 | 145.7 | 125.4 | 121.5 | 114.6 |
| 60°   | 3650.4 | 3589.9 | 3500.1 | 3401.9 | 2912.2 | 817.1  | 245.7 | 133.9 | 116.9 | 113.5 | 108.4 |
| 62.5° | 4271.5 | 4165.4 | 4063.7 | 3972.7 | 3417.1 | 816.6  | 216.9 | 124.8 | 110.7 | 109.0 | 103.9 |
| 65°   | 4296.9 | 4189.1 | 4086.8 | 3991.4 | 3428.4 | 726.8  | 183.0 | 116.9 | 109.5 | 109.0 | 100.5 |
| 67.5° | 4068.8 | 3951.9 | 3853.1 | 3732.7 | 3173.7 | 568.1  | 146.8 | 111.8 | 114.1 | 113.0 | 99.4  |
| 70°   | 3696.1 | 3543.6 | 3462.3 | 3343.7 | 2793.1 | 397.5  | 120.8 | 113.5 | 123.6 | 120.3 | 101.0 |
| 72.5° | 2900.9 | 2785.7 | 2662.1 | 2579.6 | 2186.6 | 251.3  | 101.7 | 114.6 | 127.7 | 122.0 | 105.6 |
| 75°   | 1079.7 | 1110.8 | 1060.0 | 1041.9 | 1110.8 | 147.4  | 90.4  | 106.7 | 114.1 | 105.6 | 96.0  |
| 77.5° | 218.0  | 208.4  | 197.6  | 195.4  | 252.4  | 90.9   | 83.0  | 92.6  | 87.6  | 77.4  | 77.9  |
| 80°   | 104.5  | 101.7  | 98.2   | 97.7   | 93.8   | 75.6   | 76.8  | 79.1  | 66.1  | 59.9  | 63.8  |
| 82.5° | 69.4   | 65.5   | 64.4   | 62.1   | 63.2   | 67.8   | 72.8  | 67.8  | 50.8  | 47.5  | 57.6  |
| 85°   | 32.2   | 31.1   | 30.5   | 30.5   | 33.9   | 61.0   | 60.4  | 49.7  | 35.0  | 33.9  | 57.6  |
| 87.5° | 7.9    | 7.9    | 8.5    | 7.9    | 9.0    | 18.0   | 15.9  | 15.2  | 13.0  | 14.7  | 27.2  |
| 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):**

|       | 165°  | 175°  | 180°  |
|-------|-------|-------|-------|
| 0°    | 538.8 | 538.8 | 538.8 |
| 2.5°  | 542.7 | 543.2 | 542.7 |
| 5°    | 547.8 | 547.8 | 547.8 |
| 7.5°  | 547.8 | 546.1 | 545.5 |
| 10°   | 539.9 | 534.8 | 534.8 |
| 12.5° | 526.3 | 517.8 | 516.7 |
| 15°   | 500.9 | 489.6 | 487.9 |
| 17.5° | 468.7 | 453.5 | 450.7 |
| 20°   | 432.5 | 413.4 | 409.9 |
| 22.5° | 393.1 | 371.0 | 369.3 |
| 25°   | 354.1 | 331.5 | 326.9 |
| 27.5° | 310.6 | 288.6 | 286.3 |
| 30°   | 267.2 | 247.9 | 246.7 |
| 32.5° | 230.4 | 218.5 | 216.3 |
| 35°   | 204.5 | 197.6 | 194.8 |
| 37.5° | 187.5 | 182.4 | 181.9 |
| 40°   | 174.5 | 169.9 | 169.4 |
| 42.5° | 163.7 | 159.8 | 159.3 |
| 45°   | 153.1 | 149.6 | 148.5 |
| 47.5° | 142.3 | 139.0 | 138.3 |
| 50°   | 132.7 | 128.2 | 127.7 |
| 52.5° | 123.6 | 119.2 | 118.0 |
| 55°   | 115.2 | 110.7 | 110.7 |
| 57.5° | 107.9 | 103.3 | 102.8 |
| 60°   | 101.0 | 96.6  | 96.0  |
| 62.5° | 96.0  | 90.4  | 89.7  |
| 65°   | 92.0  | 86.4  | 85.3  |
| 67.5° | 89.7  | 83.0  | 81.3  |
| 70°   | 93.8  | 81.3  | 78.4  |
| 72.5° | 94.3  | 79.6  | 75.6  |
| 75°   | 90.9  | 75.1  | 72.3  |
| 77.5° | 79.6  | 67.2  | 64.4  |
| 80°   | 68.9  | 51.9  | 48.0  |
| 82.5° | 65.5  | 42.4  | 36.7  |
| 85°   | 50.8  | 27.7  | 26.0  |
| 87.5° | 28.8  | 15.2  | 12.4  |
| 90°   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)