

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: METALUX

Report Number: P1213685

Luminaire Tested: 2SNLED-LD5-25SL-RW-UNV-L940-CD1-U

Issue Date: 3/29/2018

**Test Information**

Test Method: LM-79-2019  
Report Number: P1213685  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P33525)  
Test Lab: INNOVATIONS CENTER-P3  
Issue Date: 3/29/2018  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 2SNLED-LD5-25SL-RW-UNV-L940-CD1-U  
Description: 2FT LINEAR SNLED LED FIXTURE  
WHITE REFLECTOR  
Light Source: -  
Ballast/Driver: -

**Summary**

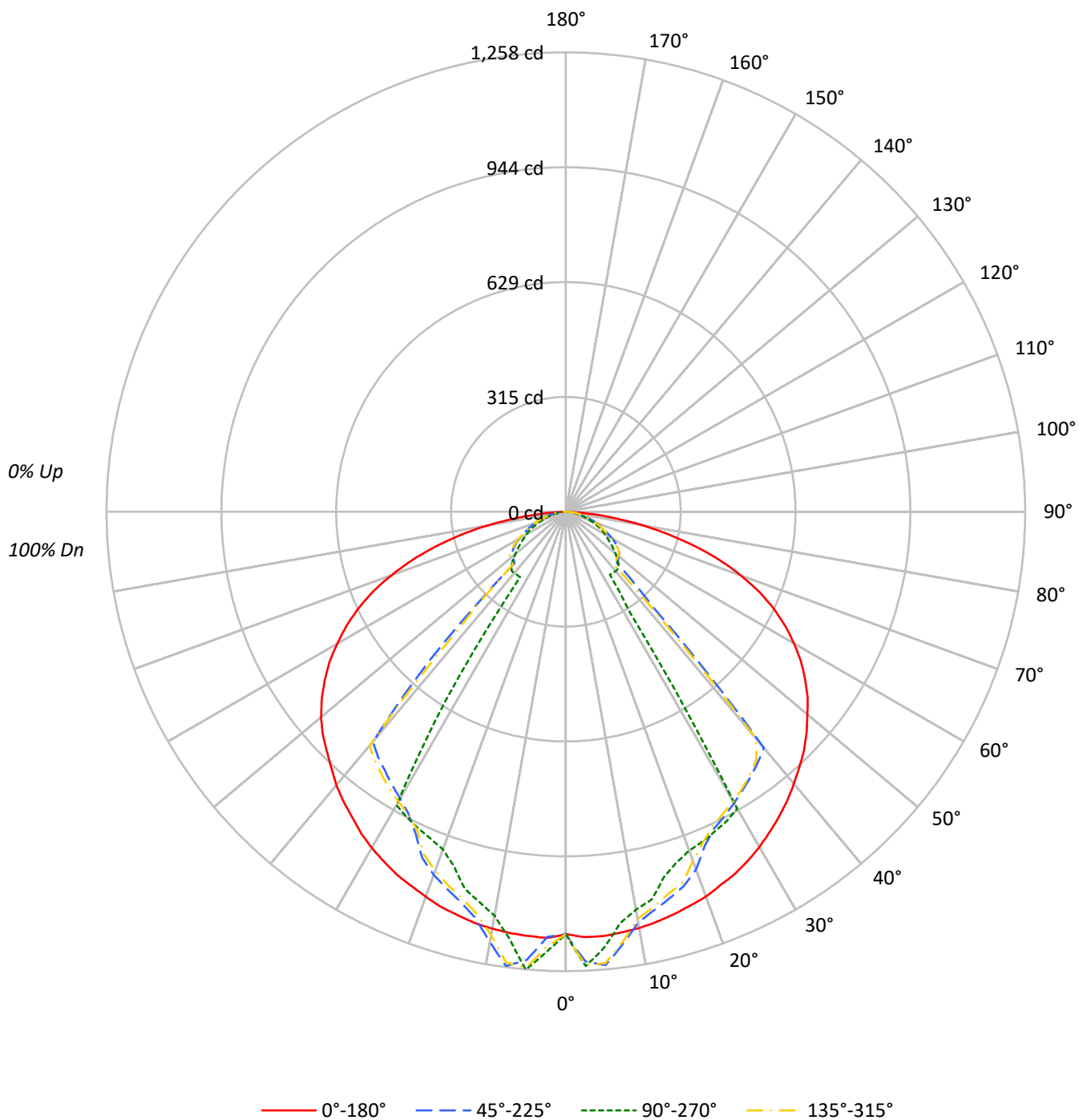
Lumens per Lamp: N/A  
Luminaire Lumens: 2316.0 lumens  
Efficiency: N/A  
Efficacy: 110.3 lumens/watt  
Spacing Criteria (0/90/45): 1.36 / 1.16 / 1.2  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 2' x H: 0.12')  
CIE Type: Direct

Input Watts (W): 21  
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

TEST NUMBER: P1213685

CATALOG NUMBER: 2SNLED-LD5-25SL-RW-UNV-L940-CD1-U

### Luminous Intensity Polar Plot



TEST NUMBER: P1213685

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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-----|-----|-----|--|-----|-----|-----|-----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20  |     |     |  | 20  |     |     |  | 20  |     |     |     |
| RC  | 80  |     |     |     | 70  |     |     |     | 50  |     |     |  | 30  |     |     |  | 10  |     |     | 0   |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  |  | 50  | 30  | 10  |  | 50  | 30  | 10  | 0   |
| RCR |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |     |     |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 | 102 | 102 | 100 |
| 1   | 110 | 106 | 102 | 99  | 108 | 104 | 101 | 98  | 100 | 97  | 94  |  | 96  | 94  | 92  |  | 92  | 91  | 89  | 87  |
| 2   | 102 | 94  | 88  | 83  | 99  | 93  | 87  | 82  | 89  | 85  | 81  |  | 86  | 82  | 79  |  | 83  | 80  | 77  | 75  |
| 3   | 94  | 84  | 77  | 72  | 91  | 83  | 76  | 71  | 80  | 74  | 70  |  | 77  | 73  | 69  |  | 75  | 71  | 67  | 65  |
| 4   | 87  | 76  | 68  | 62  | 85  | 75  | 67  | 62  | 72  | 66  | 61  |  | 70  | 65  | 60  |  | 68  | 63  | 59  | 57  |
| 5   | 81  | 69  | 61  | 55  | 79  | 68  | 60  | 55  | 66  | 59  | 54  |  | 64  | 58  | 53  |  | 62  | 57  | 53  | 51  |
| 6   | 75  | 63  | 55  | 49  | 73  | 62  | 54  | 49  | 60  | 53  | 48  |  | 59  | 53  | 48  |  | 57  | 52  | 47  | 46  |
| 7   | 70  | 58  | 50  | 44  | 68  | 57  | 49  | 44  | 55  | 48  | 43  |  | 54  | 48  | 43  |  | 53  | 47  | 43  | 41  |
| 8   | 66  | 53  | 45  | 40  | 64  | 52  | 45  | 40  | 51  | 44  | 39  |  | 50  | 44  | 39  |  | 49  | 43  | 39  | 37  |
| 9   | 62  | 49  | 41  | 36  | 60  | 48  | 41  | 36  | 47  | 41  | 36  |  | 46  | 40  | 36  |  | 45  | 40  | 36  | 34  |
| 10  | 58  | 46  | 38  | 33  | 57  | 45  | 38  | 33  | 44  | 38  | 33  |  | 43  | 37  | 33  |  | 42  | 37  | 33  | 31  |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 18693 | 18693 | 18693 | 18693 |
| 5°  | 18824 | 18834 | 18816 | 19765 |
| 10° | 18791 | 17027 | 18817 | 17289 |
| 15° | 18780 | 15753 | 18823 | 16254 |
| 20° | 18862 | 14943 | 18862 | 14887 |
| 25° | 18965 | 14656 | 18993 | 14519 |
| 30° | 19095 | 14398 | 19142 | 14228 |
| 35° | 19247 | 3279  | 19287 | 3420  |
| 40° | 19477 | 3409  | 19594 | 3520  |
| 45° | 19851 | 3392  | 19920 | 3515  |
| 50° | 20204 | 3066  | 20478 | 3150  |
| 55° | 20690 | 2722  | 20855 | 2761  |
| 60° | 21041 | 2419  | 21088 | 2451  |
| 65° | 21181 | 2110  | 21127 | 2078  |
| 70° | 20564 | 1701  | 20499 | 1640  |
| 75° | 18654 | 1311  | 18785 | 1254  |
| 80° | 14534 | 931   | 15118 | 851   |
| 85° | 7171  | 557   | 7572  | 428   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 2.5°

Vertical Angle: 57.5°

Luminance: 21650 cd/sqm

TEST NUMBER: P1213685

CATALOG NUMBER: 2SNLED-LD5-25SL-RW-UNV-L940-CD1-U

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 113.8  | 4.9       |
| 10°-20°   | 312.9  | 13.5      |
| 20°-30°   | 463.4  | 20.0      |
| 30°-40°   | 466.9  | 20.2      |
| 40°-50°   | 364.7  | 15.7      |
| 50°-60°   | 281.7  | 12.2      |
| 60°-70°   | 189.2  | 8.2       |
| 70°-80°   | 96.5   | 4.2       |
| 80°-90°   | 26.8   | 1.2       |
| 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       |
| <hr/>     |        |           |
| 0°-30°    | 890.1  | 38.4      |
| 0°-40°    | 1357.0 | 58.6      |
| 0°-60°    | 2003.5 | 86.5      |
| 0°-90°    | 2316.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 2316.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1157 | 1157 | 1157 | 1157 | 1157 |      |
| 5°  | 1167 | 1199 | 1166 | 1258 | 1167 | 111  |
| 15° | 1141 | 1036 | 1144 | 1069 | 1141 | 323  |
| 25° | 1094 | 966  | 1096 | 957  | 1094 | 505  |
| 35° | 1018 | 210  | 1020 | 219  | 1018 | 638  |
| 45° | 923  | 204  | 926  | 212  | 923  | 712  |
| 55° | 800  | 148  | 806  | 150  | 800  | 714  |
| 65° | 628  | 100  | 626  | 98   | 628  | 618  |
| 75° | 368  | 50   | 371  | 48   | 368  | 385  |
| 85° | 66   | 16   | 70   | 12   | 66   | 91   |
| 90° | 0    | 0    | 0    | 0    | 0    |      |

TEST NUMBER: P1213685

CATALOG NUMBER: 2SNLED-LD5-25SL-RW-UNV-L940-CD1-U

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5°  | 15°    | 17.5°  | 20°    | 22.5°  | 25°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 |
| 2.5°  | 1165.6 | 1169.8 | 1173.0 | 1175.1 | 1176.2 | 1176.2 | 1176.7 | 1177.2 | 1184.1 | 1187.3 | 1189.4 |
| 5°    | 1166.6 | 1170.9 | 1177.2 | 1185.7 | 1193.1 | 1199.5 | 1204.8 | 1212.2 | 1219.6 | 1227.6 | 1230.2 |
| 7.5°  | 1161.9 | 1167.2 | 1179.9 | 1195.2 | 1209.6 | 1219.6 | 1226.5 | 1231.3 | 1235.0 | 1235.5 | 1238.2 |
| 10°   | 1157.6 | 1167.2 | 1184.6 | 1204.8 | 1222.8 | 1235.0 | 1235.0 | 1232.3 | 1236.1 | 1221.7 | 1207.4 |
| 12.5° | 1150.2 | 1160.8 | 1184.6 | 1211.1 | 1228.1 | 1232.9 | 1230.8 | 1220.2 | 1198.4 | 1180.9 | 1173.0 |
| 15°   | 1141.2 | 1155.5 | 1185.2 | 1214.9 | 1229.2 | 1230.8 | 1210.6 | 1183.6 | 1167.2 | 1156.6 | 1143.3 |
| 17.5° | 1131.1 | 1150.2 | 1185.7 | 1215.4 | 1220.7 | 1213.3 | 1175.1 | 1158.1 | 1141.2 | 1116.3 | 1098.2 |
| 20°   | 1121.6 | 1140.1 | 1181.5 | 1208.0 | 1211.1 | 1177.8 | 1148.1 | 1130.0 | 1101.4 | 1079.7 | 1071.7 |
| 22.5° | 1106.7 | 1128.5 | 1177.8 | 1197.9 | 1185.7 | 1147.0 | 1118.4 | 1089.8 | 1063.8 | 1057.4 | 1047.9 |
| 25°   | 1094.5 | 1117.3 | 1169.3 | 1185.7 | 1153.4 | 1118.9 | 1085.5 | 1052.1 | 1039.9 | 1030.9 | 1022.5 |
| 27.5° | 1078.1 | 1106.2 | 1158.1 | 1163.4 | 1118.9 | 1088.7 | 1039.9 | 1025.1 | 1014.0 | 1003.9 | 1000.2 |
| 30°   | 1060.1 | 1094.5 | 1142.8 | 1132.7 | 1090.3 | 1045.8 | 1009.7 | 995.9  | 988.0  | 977.4  | 973.2  |
| 32.5° | 1039.4 | 1077.0 | 1125.8 | 1097.2 | 1059.6 | 1003.9 | 980.6  | 970.0  | 959.4  | 951.4  | 924.9  |
| 35°   | 1018.2 | 1061.7 | 1105.7 | 1063.3 | 1022.5 | 972.1  | 951.4  | 941.9  | 931.8  | 902.7  | 875.1  |
| 37.5° | 996.5  | 1044.7 | 1081.3 | 1026.7 | 973.2  | 939.2  | 921.7  | 911.1  | 888.3  | 851.2  | 837.5  |
| 40°   | 971.6  | 1024.0 | 1050.0 | 989.1  | 930.2  | 905.8  | 889.4  | 878.8  | 827.4  | 811.0  | 806.7  |
| 42.5° | 946.7  | 1003.9 | 1011.8 | 952.5  | 894.7  | 870.3  | 856.5  | 821.6  | 786.6  | 778.1  | 779.7  |
| 45°   | 922.8  | 982.2  | 970.0  | 900.5  | 857.6  | 837.5  | 814.1  | 765.9  | 747.4  | 751.6  | 752.7  |
| 47.5° | 894.2  | 956.2  | 926.0  | 848.6  | 819.4  | 799.3  | 747.4  | 718.2  | 715.6  | 721.4  | 724.6  |
| 50°   | 863.4  | 927.0  | 879.3  | 801.4  | 778.1  | 754.2  | 695.4  | 680.6  | 683.8  | 689.6  | 693.3  |
| 52.5° | 834.8  | 894.2  | 831.1  | 757.4  | 737.3  | 682.7  | 642.9  | 645.6  | 650.9  | 657.8  | 659.9  |
| 55°   | 799.8  | 854.4  | 779.7  | 712.9  | 693.8  | 622.3  | 604.2  | 610.6  | 615.9  | 621.7  | 626.0  |
| 57.5° | 763.3  | 808.8  | 718.7  | 663.1  | 632.3  | 568.7  | 570.3  | 574.6  | 578.3  | 585.2  | 241.7  |
| 60°   | 721.4  | 756.9  | 652.0  | 617.0  | 556.0  | 526.3  | 527.9  | 535.3  | 539.1  | 301.1  | 166.4  |
| 62.5° | 677.9  | 696.5  | 591.5  | 564.5  | 486.0  | 483.9  | 491.3  | 494.5  | 336.6  | 159.0  | 155.8  |
| 65°   | 628.1  | 624.4  | 532.2  | 489.2  | 438.3  | 440.5  | 448.4  | 432.5  | 148.9  | 148.9  | 147.9  |
| 67.5° | 573.0  | 550.7  | 474.4  | 405.0  | 392.2  | 397.0  | 405.5  | 141.5  | 137.8  | 138.9  | 135.2  |
| 70°   | 509.9  | 478.6  | 414.5  | 342.9  | 347.2  | 351.9  | 136.8  | 128.3  | 126.7  | 124.0  | 116.6  |
| 72.5° | 443.1  | 400.2  | 339.2  | 297.9  | 300.5  | 188.7  | 119.8  | 115.5  | 110.2  | 104.9  | 97.0   |
| 75°   | 368.4  | 312.7  | 249.1  | 249.1  | 252.8  | 107.6  | 104.4  | 97.5   | 91.7   | 84.8   | 80.0   |
| 77.5° | 288.9  | 240.6  | 193.5  | 200.9  | 98.1   | 90.1   | 84.3   | 76.9   | 72.1   | 67.8   | 65.2   |
| 80°   | 211.5  | 168.0  | 145.8  | 130.4  | 76.3   | 68.4   | 62.5   | 58.3   | 56.2   | 53.5   | 50.4   |
| 82.5° | 138.9  | 101.2  | 101.2  | 61.5   | 53.5   | 47.2   | 45.6   | 42.4   | 40.3   | 38.7   | 37.1   |
| 85°   | 66.3   | 58.8   | 44.5   | 37.6   | 33.4   | 30.2   | 29.2   | 27.6   | 27.6   | 27.0   | 26.5   |
| 87.5° | 24.4   | 26.5   | 19.6   | 19.1   | 18.0   | 17.5   | 18.0   | 18.0   | 18.6   | 18.0   | 17.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1213685

CATALOG NUMBER: 2SNLED-LD5-25SL-RW-UNV-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 27.5°  | 30°    | 32.5°  | 35°    | 37.5°  | 40°    | 42.5°  | 45°    | 47.5°  | 50°    | 52.5°  |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 |
| 2.5°  | 1194.7 | 1199.0 | 1202.1 | 1207.4 | 1214.3 | 1220.2 | 1225.5 | 1232.9 | 1244.5 | 1247.7 | 1250.4 |
| 5°    | 1230.2 | 1231.8 | 1235.5 | 1239.8 | 1240.8 | 1243.5 | 1242.9 | 1246.1 | 1247.7 | 1251.4 | 1243.5 |
| 7.5°  | 1232.3 | 1223.9 | 1213.8 | 1204.8 | 1198.4 | 1192.6 | 1188.9 | 1194.7 | 1197.9 | 1200.5 | 1192.6 |
| 10°   | 1187.8 | 1177.8 | 1171.9 | 1166.6 | 1160.3 | 1151.3 | 1139.1 | 1141.7 | 1140.6 | 1140.6 | 1138.0 |
| 12.5° | 1159.7 | 1145.4 | 1130.6 | 1117.3 | 1111.5 | 1111.0 | 1111.5 | 1117.3 | 1117.3 | 1116.8 | 1113.6 |
| 15°   | 1115.7 | 1102.0 | 1094.5 | 1091.4 | 1091.4 | 1089.8 | 1089.8 | 1096.1 | 1094.5 | 1094.5 | 1092.9 |
| 17.5° | 1086.6 | 1077.0 | 1071.7 | 1068.0 | 1066.4 | 1069.1 | 1072.3 | 1074.9 | 1075.5 | 1073.3 | 1064.9 |
| 20°   | 1062.7 | 1053.7 | 1047.4 | 1048.4 | 1047.9 | 1049.5 | 1051.1 | 1042.1 | 1030.9 | 1016.1 | 1009.2 |
| 22.5° | 1037.8 | 1030.9 | 1026.2 | 1026.2 | 1019.8 | 1009.7 | 994.9  | 991.7  | 990.1  | 983.2  | 977.4  |
| 25°   | 1014.0 | 1006.0 | 999.1  | 977.9  | 964.7  | 966.3  | 963.6  | 958.3  | 957.8  | 957.3  | 959.4  |
| 27.5° | 990.1  | 969.4  | 942.9  | 939.8  | 934.5  | 933.9  | 937.1  | 939.8  | 939.8  | 941.9  | 944.5  |
| 30°   | 940.8  | 917.0  | 912.2  | 906.4  | 908.5  | 915.9  | 917.5  | 921.2  | 922.3  | 926.0  | 928.1  |
| 32.5° | 895.8  | 885.2  | 880.9  | 883.6  | 890.5  | 896.8  | 900.5  | 902.1  | 904.8  | 908.0  | 910.6  |
| 35°   | 859.2  | 856.0  | 859.7  | 865.6  | 872.4  | 877.7  | 880.9  | 884.1  | 886.8  | 889.4  | 891.5  |
| 37.5° | 832.2  | 834.3  | 839.6  | 847.0  | 853.9  | 858.1  | 860.8  | 864.5  | 868.2  | 871.4  | 858.7  |
| 40°   | 806.7  | 812.0  | 817.9  | 825.8  | 831.6  | 835.9  | 838.5  | 843.3  | 811.5  | 367.3  | 201.4  |
| 42.5° | 784.5  | 790.3  | 794.5  | 800.9  | 807.3  | 810.4  | 787.1  | 351.4  | 198.8  | 197.7  | 200.4  |
| 45°   | 757.4  | 762.2  | 769.1  | 773.9  | 779.7  | 512.0  | 195.6  | 197.7  | 194.5  | 196.6  | 197.7  |
| 47.5° | 729.9  | 737.3  | 741.0  | 707.1  | 210.4  | 194.5  | 192.4  | 194.5  | 192.4  | 195.1  | 193.5  |
| 50°   | 698.6  | 707.6  | 503.5  | 190.3  | 188.7  | 187.6  | 189.8  | 188.7  | 190.3  | 192.4  | 188.2  |
| 52.5° | 666.8  | 412.9  | 184.5  | 183.4  | 184.5  | 183.4  | 187.1  | 184.5  | 185.0  | 182.9  | 177.6  |
| 55°   | 225.8  | 178.6  | 177.0  | 176.5  | 179.7  | 179.7  | 179.7  | 175.4  | 172.8  | 167.5  | 163.8  |
| 57.5° | 172.8  | 172.8  | 172.3  | 172.8  | 171.7  | 170.7  | 165.9  | 162.2  | 158.5  | 151.1  | 148.9  |
| 60°   | 163.8  | 163.8  | 163.8  | 163.8  | 159.0  | 156.9  | 149.5  | 146.3  | 139.9  | 136.2  | 134.1  |
| 62.5° | 156.4  | 155.3  | 150.5  | 148.9  | 143.6  | 137.8  | 133.6  | 130.4  | 124.0  | 121.9  | 120.3  |
| 65°   | 145.8  | 142.1  | 136.2  | 129.9  | 127.2  | 120.8  | 118.7  | 114.0  | 110.8  | 109.2  | 108.1  |
| 67.5° | 128.3  | 123.0  | 118.2  | 114.0  | 109.2  | 107.1  | 104.4  | 100.7  | 98.6   | 97.5   | 96.5   |
| 70°   | 109.7  | 106.0  | 101.2  | 98.6   | 95.4   | 93.8   | 90.1   | 89.0   | 87.5   | 85.9   | 84.3   |
| 72.5° | 91.7   | 89.6   | 87.5   | 83.7   | 82.7   | 81.6   | 77.9   | 75.8   | 73.7   | 71.6   | 70.5   |
| 75°   | 76.9   | 75.3   | 74.2   | 71.0   | 69.4   | 66.3   | 63.6   | 62.0   | 60.4   | 58.8   | 57.8   |
| 77.5° | 63.1   | 62.0   | 58.8   | 56.7   | 55.7   | 53.0   | 51.9   | 52.5   | 51.4   | 49.3   | 48.2   |
| 80°   | 49.3   | 48.2   | 45.6   | 45.6   | 44.5   | 43.5   | 42.4   | 41.3   | 40.3   | 38.7   | 37.6   |
| 82.5° | 37.6   | 36.6   | 35.5   | 34.5   | 33.4   | 32.9   | 32.3   | 31.3   | 30.2   | 29.2   | 28.6   |
| 85°   | 26.5   | 26.0   | 25.4   | 24.9   | 24.4   | 23.9   | 23.3   | 22.3   | 21.2   | 20.7   | 20.1   |
| 87.5° | 18.0   | 17.5   | 17.0   | 16.4   | 15.9   | 15.4   | 14.8   | 14.3   | 13.3   | 12.7   | 12.2   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1213685

CATALOG NUMBER: 2SNLED-LD5-25SL-RW-UNV-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 57.5°  | 60°    | 62.5°  | 65°    | 67.5°  | 70°    | 72.5°  | 75°    | 77.5°  | 80°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 |
| 2.5°  | 1250.4 | 1253.0 | 1250.4 | 1244.5 | 1240.8 | 1239.2 | 1242.4 | 1242.4 | 1244.5 | 1247.2 | 1247.7 |
| 5°    | 1230.8 | 1224.4 | 1217.0 | 1209.6 | 1205.8 | 1203.7 | 1197.9 | 1199.0 | 1200.5 | 1201.6 | 1202.7 |
| 7.5°  | 1182.0 | 1173.5 | 1163.4 | 1153.9 | 1150.2 | 1147.0 | 1140.1 | 1140.1 | 1140.1 | 1140.6 | 1143.8 |
| 10°   | 1132.2 | 1128.5 | 1124.2 | 1117.9 | 1113.1 | 1111.5 | 1105.7 | 1107.3 | 1106.2 | 1107.8 | 1111.5 |
| 12.5° | 1108.8 | 1104.6 | 1100.9 | 1094.5 | 1089.2 | 1087.1 | 1084.5 | 1086.1 | 1085.5 | 1088.2 | 1091.4 |
| 15°   | 1087.6 | 1085.5 | 1081.3 | 1076.5 | 1071.7 | 1067.5 | 1058.0 | 1054.8 | 1052.7 | 1050.0 | 1053.7 |
| 17.5° | 1052.7 | 1037.8 | 1027.8 | 1020.3 | 1015.0 | 1011.3 | 1008.7 | 1008.7 | 1010.3 | 1011.8 | 1015.0 |
| 20°   | 1005.0 | 1000.7 | 995.9  | 988.0  | 982.7  | 980.6  | 979.0  | 979.0  | 981.6  | 983.8  | 989.6  |
| 22.5° | 972.1  | 971.6  | 970.0  | 966.3  | 963.6  | 963.6  | 964.1  | 965.2  | 968.9  | 972.1  | 977.9  |
| 25°   | 956.7  | 958.8  | 957.8  | 955.7  | 954.1  | 954.6  | 953.5  | 954.6  | 958.3  | 961.5  | 966.3  |
| 27.5° | 944.5  | 947.7  | 946.7  | 943.5  | 940.8  | 941.9  | 943.5  | 942.4  | 945.6  | 949.3  | 953.0  |
| 30°   | 928.1  | 928.6  | 930.8  | 927.0  | 926.0  | 927.6  | 928.1  | 929.2  | 932.3  | 935.0  | 938.2  |
| 32.5° | 909.6  | 913.8  | 913.3  | 909.6  | 909.6  | 911.1  | 911.7  | 876.2  | 809.9  | 697.5  | 666.8  |
| 35°   | 891.5  | 896.3  | 888.3  | 748.9  | 518.4  | 276.7  | 213.6  | 206.2  | 207.8  | 208.8  | 209.9  |
| 37.5° | 659.4  | 312.7  | 199.3  | 200.9  | 202.5  | 204.1  | 205.7  | 207.2  | 208.8  | 210.4  | 211.0  |
| 40°   | 198.2  | 197.7  | 199.3  | 201.4  | 203.0  | 204.1  | 206.2  | 207.8  | 209.4  | 211.0  | 211.5  |
| 42.5° | 196.1  | 197.2  | 198.8  | 200.9  | 203.0  | 205.1  | 206.7  | 208.8  | 209.9  | 211.0  | 211.5  |
| 45°   | 195.1  | 197.2  | 199.3  | 200.9  | 202.5  | 203.5  | 204.6  | 205.1  | 204.6  | 204.6  | 205.7  |
| 47.5° | 193.5  | 195.6  | 196.1  | 195.6  | 196.1  | 195.6  | 195.6  | 195.6  | 194.0  | 193.5  | 193.5  |
| 50°   | 187.6  | 187.6  | 186.6  | 184.5  | 183.9  | 183.4  | 182.3  | 181.8  | 179.7  | 179.2  | 179.2  |
| 52.5° | 175.4  | 174.9  | 173.3  | 170.7  | 169.6  | 168.6  | 168.0  | 167.5  | 165.4  | 164.3  | 164.8  |
| 55°   | 161.1  | 160.1  | 158.5  | 155.3  | 154.8  | 153.7  | 153.2  | 152.7  | 150.5  | 151.6  | 150.0  |
| 57.5° | 147.9  | 145.8  | 143.6  | 143.1  | 141.0  | 140.5  | 139.9  | 139.4  | 137.8  | 138.3  | 137.3  |
| 60°   | 132.0  | 131.5  | 130.4  | 128.3  | 128.3  | 127.7  | 127.7  | 126.7  | 125.6  | 125.1  | 125.1  |
| 62.5° | 120.3  | 118.7  | 117.7  | 117.7  | 116.1  | 116.1  | 116.1  | 115.0  | 114.0  | 114.5  | 114.0  |
| 65°   | 107.6  | 107.1  | 106.5  | 105.5  | 105.5  | 104.9  | 104.9  | 103.9  | 102.3  | 102.8  | 101.8  |
| 67.5° | 97.0   | 95.9   | 94.9   | 94.3   | 92.2   | 91.2   | 90.6   | 90.1   | 88.0   | 88.5   | 87.5   |
| 70°   | 83.7   | 82.2   | 81.1   | 80.0   | 78.4   | 77.4   | 77.4   | 76.3   | 74.7   | 75.3   | 74.2   |
| 72.5° | 70.0   | 68.9   | 67.8   | 67.3   | 65.7   | 65.2   | 64.7   | 64.1   | 62.5   | 63.1   | 62.5   |
| 75°   | 58.3   | 58.3   | 57.8   | 57.2   | 55.7   | 54.1   | 53.0   | 52.5   | 51.4   | 51.9   | 50.9   |
| 77.5° | 48.2   | 47.2   | 46.1   | 46.1   | 44.5   | 43.5   | 42.4   | 42.4   | 42.4   | 41.9   | 41.3   |
| 80°   | 37.6   | 36.6   | 36.6   | 36.0   | 35.0   | 33.9   | 33.4   | 33.4   | 32.9   | 32.9   | 32.3   |
| 82.5° | 28.6   | 27.6   | 27.0   | 27.0   | 26.0   | 25.4   | 24.9   | 24.4   | 24.4   | 24.4   | 23.9   |
| 85°   | 20.1   | 19.1   | 18.6   | 18.6   | 17.5   | 17.0   | 17.0   | 16.4   | 16.4   | 15.9   | 15.9   |
| 87.5° | 12.2   | 11.7   | 11.1   | 11.1   | 10.1   | 9.5    | 9.5    | 9.5    | 9.0    | 9.0    | 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    |



TEST NUMBER: P1213685

CATALOG NUMBER: 2SNLED-LD5-25SL-RW-UNV-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 82.5°  | 85°    | 87.5°  | 90°    | 92.5°  | 95°    | 97.5°  | 100°   | 102.5° | 105°   | 107.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 |
| 2.5°  | 1247.7 | 1247.7 | 1244.0 | 1245.1 | 1243.5 | 1245.6 | 1242.9 | 1242.9 | 1246.1 | 1246.1 | 1248.2 |
| 5°    | 1203.2 | 1200.5 | 1200.0 | 1199.0 | 1193.7 | 1195.8 | 1193.1 | 1190.5 | 1194.2 | 1194.2 | 1199.0 |
| 7.5°  | 1142.2 | 1137.5 | 1139.6 | 1136.4 | 1133.2 | 1128.5 | 1130.0 | 1127.9 | 1130.6 | 1134.3 | 1139.1 |
| 10°   | 1111.0 | 1106.7 | 1109.4 | 1106.2 | 1107.8 | 1100.9 | 1101.4 | 1102.0 | 1104.6 | 1105.7 | 1109.9 |
| 12.5° | 1090.8 | 1089.8 | 1088.7 | 1087.6 | 1088.7 | 1085.0 | 1082.9 | 1083.4 | 1084.5 | 1085.0 | 1088.2 |
| 15°   | 1048.4 | 1041.5 | 1043.7 | 1036.2 | 1036.8 | 1037.3 | 1033.1 | 1037.3 | 1036.8 | 1043.7 | 1050.0 |
| 17.5° | 1014.0 | 1014.0 | 1010.3 | 1007.1 | 1005.0 | 1004.4 | 1001.2 | 1003.4 | 1001.2 | 1005.5 | 1007.1 |
| 20°   | 990.1  | 989.6  | 989.1  | 987.5  | 982.2  | 982.7  | 984.3  | 979.5  | 979.0  | 978.5  | 981.6  |
| 22.5° | 979.0  | 979.5  | 977.4  | 977.4  | 972.6  | 973.7  | 974.2  | 968.9  | 969.4  | 967.9  | 969.4  |
| 25°   | 967.3  | 968.4  | 965.7  | 965.7  | 964.7  | 964.1  | 961.5  | 962.6  | 959.4  | 956.7  | 959.4  |
| 27.5° | 953.5  | 955.7  | 953.5  | 954.6  | 952.5  | 951.4  | 949.8  | 948.8  | 945.6  | 945.1  | 946.7  |
| 30°   | 940.8  | 941.9  | 941.4  | 938.7  | 938.2  | 935.0  | 936.6  | 933.4  | 930.2  | 930.8  | 931.8  |
| 32.5° | 482.3  | 460.6  | 355.1  | 320.7  | 317.5  | 329.2  | 390.1  | 474.9  | 615.4  | 751.6  | 849.7  |
| 35°   | 210.4  | 210.4  | 210.4  | 209.9  | 209.9  | 209.4  | 208.8  | 208.3  | 207.8  | 207.2  | 206.7  |
| 37.5° | 211.5  | 211.5  | 211.5  | 211.5  | 211.0  | 210.4  | 210.4  | 209.4  | 208.8  | 208.3  | 207.8  |
| 40°   | 212.0  | 212.5  | 212.5  | 212.5  | 212.0  | 212.0  | 211.5  | 210.4  | 209.9  | 208.8  | 207.8  |
| 42.5° | 211.5  | 212.0  | 212.0  | 211.5  | 211.5  | 211.0  | 211.0  | 210.4  | 209.9  | 209.4  | 208.8  |
| 45°   | 204.6  | 205.1  | 204.1  | 204.1  | 203.5  | 203.5  | 203.5  | 203.5  | 203.5  | 204.1  | 204.1  |
| 47.5° | 192.4  | 192.4  | 191.9  | 191.3  | 191.3  | 190.8  | 191.3  | 190.8  | 191.9  | 192.4  | 193.5  |
| 50°   | 178.1  | 178.1  | 177.0  | 176.5  | 176.5  | 176.5  | 176.5  | 177.0  | 177.6  | 178.6  | 179.7  |
| 52.5° | 163.3  | 163.3  | 162.7  | 162.2  | 161.7  | 161.7  | 163.3  | 162.7  | 163.3  | 163.8  | 165.4  |
| 55°   | 148.9  | 149.5  | 148.4  | 148.4  | 147.9  | 147.9  | 147.9  | 148.4  | 148.9  | 149.5  | 151.1  |
| 57.5° | 136.8  | 136.8  | 135.7  | 135.7  | 135.7  | 135.2  | 136.8  | 135.7  | 136.2  | 136.8  | 137.8  |
| 60°   | 124.6  | 124.0  | 124.0  | 123.5  | 123.5  | 123.5  | 124.6  | 124.0  | 124.0  | 124.6  | 125.6  |
| 62.5° | 113.4  | 113.4  | 112.9  | 112.9  | 112.4  | 112.4  | 113.4  | 112.9  | 112.9  | 113.4  | 114.0  |
| 65°   | 100.7  | 100.7  | 100.2  | 99.6   | 101.2  | 99.6   | 101.2  | 100.2  | 101.2  | 101.8  | 102.8  |
| 67.5° | 86.4   | 86.4   | 86.4   | 85.9   | 85.9   | 86.9   | 87.5   | 86.4   | 86.9   | 88.0   | 88.5   |
| 70°   | 73.7   | 73.7   | 73.1   | 73.1   | 73.1   | 74.2   | 74.7   | 73.7   | 74.2   | 74.7   | 75.8   |
| 72.5° | 62.5   | 61.5   | 61.5   | 61.0   | 62.0   | 62.0   | 62.5   | 62.0   | 62.5   | 62.5   | 63.6   |
| 75°   | 51.4   | 50.4   | 50.4   | 50.4   | 51.4   | 50.9   | 51.4   | 50.9   | 51.4   | 51.4   | 51.9   |
| 77.5° | 41.3   | 40.8   | 40.3   | 40.3   | 41.3   | 41.3   | 41.3   | 40.8   | 41.3   | 41.9   | 42.4   |
| 80°   | 32.3   | 31.8   | 31.3   | 31.3   | 32.3   | 32.3   | 32.3   | 32.9   | 32.3   | 32.9   | 33.4   |
| 82.5° | 23.9   | 23.3   | 22.8   | 23.9   | 23.9   | 23.9   | 23.9   | 24.4   | 23.9   | 24.4   | 24.9   |
| 85°   | 15.9   | 15.4   | 14.8   | 15.9   | 15.9   | 15.9   | 15.9   | 16.4   | 15.9   | 16.4   | 17.0   |
| 87.5° | 8.5    | 8.0    | 8.0    | 8.5    | 8.5    | 8.5    | 9.0    | 9.0    | 9.0    | 9.5    | 9.5    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1213685

CATALOG NUMBER: 2SNLED-LD5-25SL-RW-UNV-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 110°   | 112.5° | 115°   | 117.5° | 120°   | 122.5° | 125°   | 127.5° | 130°   | 132.5° | 135°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 |
| 2.5°  | 1251.4 | 1253.0 | 1252.5 | 1249.3 | 1246.1 | 1242.4 | 1239.8 | 1240.3 | 1245.6 | 1247.2 | 1242.4 |
| 5°    | 1199.0 | 1209.0 | 1209.0 | 1215.9 | 1212.2 | 1209.0 | 1211.1 | 1222.8 | 1228.6 | 1237.6 | 1240.8 |
| 7.5°  | 1144.9 | 1149.7 | 1149.1 | 1156.0 | 1155.0 | 1155.0 | 1156.6 | 1171.9 | 1179.3 | 1186.8 | 1188.9 |
| 10°   | 1114.7 | 1119.4 | 1118.9 | 1119.4 | 1117.9 | 1114.1 | 1114.1 | 1121.0 | 1127.4 | 1131.1 | 1132.2 |
| 12.5° | 1092.9 | 1095.6 | 1095.1 | 1095.1 | 1094.0 | 1090.8 | 1090.3 | 1096.1 | 1103.0 | 1107.8 | 1108.3 |
| 15°   | 1060.6 | 1068.0 | 1069.6 | 1076.5 | 1074.9 | 1070.7 | 1071.7 | 1076.5 | 1080.8 | 1085.0 | 1083.4 |
| 17.5° | 1012.4 | 1016.1 | 1016.6 | 1019.3 | 1018.2 | 1018.2 | 1024.6 | 1042.1 | 1053.7 | 1063.8 | 1064.9 |
| 20°   | 984.8  | 987.5  | 986.4  | 992.2  | 989.6  | 989.1  | 990.6  | 998.1  | 1003.4 | 1008.1 | 1016.6 |
| 22.5° | 971.6  | 973.7  | 972.1  | 972.6  | 967.9  | 963.6  | 962.6  | 968.4  | 974.2  | 980.6  | 980.6  |
| 25°   | 960.4  | 962.0  | 961.5  | 960.4  | 956.7  | 950.9  | 949.8  | 950.9  | 953.0  | 953.5  | 949.8  |
| 27.5° | 947.2  | 948.2  | 948.2  | 948.8  | 944.0  | 938.7  | 937.6  | 936.6  | 938.7  | 938.2  | 932.3  |
| 30°   | 933.4  | 931.8  | 932.3  | 932.9  | 928.6  | 923.9  | 921.7  | 921.2  | 923.3  | 922.8  | 917.0  |
| 32.5° | 900.5  | 912.7  | 913.8  | 914.9  | 911.1  | 906.9  | 904.8  | 903.2  | 904.3  | 903.7  | 898.4  |
| 35°   | 206.2  | 209.9  | 257.1  | 582.0  | 790.3  | 875.1  | 884.1  | 882.0  | 882.5  | 882.5  | 878.3  |
| 37.5° | 206.7  | 206.2  | 205.7  | 204.1  | 202.5  | 201.4  | 348.2  | 742.6  | 860.3  | 860.8  | 857.1  |
| 40°   | 206.7  | 206.2  | 205.7  | 204.6  | 202.5  | 200.9  | 198.2  | 196.1  | 200.9  | 442.1  | 808.8  |
| 42.5° | 207.8  | 206.7  | 205.7  | 204.6  | 202.5  | 200.4  | 198.2  | 195.6  | 197.2  | 196.1  | 193.5  |
| 45°   | 204.6  | 204.1  | 204.1  | 203.5  | 202.5  | 200.4  | 197.7  | 194.5  | 192.9  | 194.5  | 191.9  |
| 47.5° | 194.5  | 195.1  | 196.6  | 197.2  | 197.2  | 197.7  | 196.1  | 194.0  | 191.3  | 192.9  | 189.8  |
| 50°   | 180.7  | 181.8  | 182.3  | 185.0  | 186.0  | 188.2  | 188.7  | 188.7  | 188.2  | 190.3  | 188.2  |
| 52.5° | 165.9  | 167.0  | 169.6  | 170.7  | 171.7  | 174.9  | 176.0  | 177.6  | 178.6  | 181.8  | 183.9  |
| 55°   | 151.6  | 152.1  | 153.2  | 155.3  | 156.9  | 159.5  | 161.1  | 162.7  | 165.4  | 167.0  | 173.3  |
| 57.5° | 138.3  | 138.9  | 141.0  | 141.5  | 142.6  | 144.7  | 146.3  | 148.4  | 150.5  | 151.6  | 159.0  |
| 60°   | 125.6  | 126.1  | 127.7  | 128.3  | 128.8  | 130.9  | 132.5  | 134.1  | 135.7  | 136.8  | 142.1  |
| 62.5° | 114.5  | 114.5  | 116.1  | 116.1  | 116.6  | 118.2  | 119.3  | 120.3  | 121.9  | 122.4  | 125.1  |
| 65°   | 103.4  | 103.9  | 104.9  | 104.9  | 105.5  | 106.5  | 107.1  | 107.6  | 109.2  | 109.2  | 111.3  |
| 67.5° | 89.6   | 90.1   | 91.7   | 92.8   | 93.3   | 95.4   | 95.9   | 96.5   | 97.5   | 98.1   | 99.1   |
| 70°   | 76.3   | 76.9   | 78.4   | 79.0   | 79.5   | 81.1   | 82.2   | 83.7   | 85.3   | 86.9   | 88.0   |
| 72.5° | 64.1   | 64.7   | 66.3   | 66.3   | 67.8   | 68.4   | 69.4   | 70.0   | 71.6   | 72.6   | 74.2   |
| 75°   | 52.5   | 53.0   | 54.6   | 54.6   | 56.2   | 56.7   | 57.2   | 57.8   | 58.8   | 59.9   | 61.0   |
| 77.5° | 42.9   | 42.9   | 45.1   | 46.1   | 47.2   | 47.2   | 47.7   | 47.7   | 47.7   | 48.2   | 49.3   |
| 80°   | 33.9   | 33.9   | 35.5   | 36.6   | 37.6   | 37.6   | 38.2   | 38.7   | 39.2   | 39.2   | 39.8   |
| 82.5° | 25.4   | 25.4   | 27.0   | 27.6   | 28.6   | 28.6   | 28.6   | 29.2   | 29.7   | 29.2   | 30.2   |
| 85°   | 17.5   | 17.5   | 18.6   | 19.1   | 20.1   | 20.1   | 20.1   | 20.7   | 21.2   | 20.7   | 21.2   |
| 87.5° | 10.1   | 10.6   | 11.1   | 11.7   | 12.2   | 12.7   | 12.7   | 12.7   | 13.3   | 13.3   | 13.8   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1213685

CATALOG NUMBER: 2SNLED-LD5-25SL-RW-UNV-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 137.5° | 140°   | 142.5° | 145°   | 147.5° | 150°   | 152.5° | 155°   | 157.5° | 160°   | 162.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 |
| 2.5°  | 1237.1 | 1230.8 | 1230.2 | 1222.8 | 1220.7 | 1221.2 | 1215.4 | 1213.3 | 1203.7 | 1201.6 | 1191.5 |
| 5°    | 1241.9 | 1245.1 | 1243.5 | 1242.9 | 1244.5 | 1243.5 | 1239.2 | 1237.1 | 1235.5 | 1231.3 | 1222.8 |
| 7.5°  | 1189.4 | 1191.5 | 1193.1 | 1200.0 | 1205.8 | 1215.9 | 1226.5 | 1233.4 | 1238.7 | 1239.8 | 1232.9 |
| 10°   | 1135.9 | 1145.9 | 1152.8 | 1163.4 | 1171.9 | 1177.8 | 1184.1 | 1189.9 | 1205.3 | 1220.7 | 1229.7 |
| 12.5° | 1108.3 | 1111.0 | 1110.4 | 1116.3 | 1122.1 | 1137.5 | 1152.3 | 1160.8 | 1172.5 | 1179.3 | 1195.8 |
| 15°   | 1085.0 | 1085.5 | 1087.1 | 1091.4 | 1094.5 | 1099.8 | 1106.7 | 1119.4 | 1142.8 | 1153.4 | 1162.4 |
| 17.5° | 1063.8 | 1063.8 | 1064.9 | 1068.6 | 1072.8 | 1077.6 | 1081.8 | 1087.1 | 1098.8 | 1116.3 | 1138.5 |
| 20°   | 1029.9 | 1044.7 | 1046.3 | 1045.8 | 1047.9 | 1056.9 | 1058.0 | 1067.5 | 1073.3 | 1080.2 | 1102.0 |
| 22.5° | 979.5  | 988.5  | 1001.2 | 1020.9 | 1028.3 | 1032.5 | 1035.7 | 1039.9 | 1049.0 | 1056.9 | 1065.9 |
| 25°   | 952.0  | 957.8  | 961.5  | 967.3  | 982.7  | 1007.6 | 1012.4 | 1017.1 | 1023.0 | 1028.8 | 1039.9 |
| 27.5° | 927.6  | 927.0  | 929.7  | 935.0  | 939.2  | 952.5  | 975.8  | 994.4  | 995.4  | 1003.9 | 1013.4 |
| 30°   | 910.1  | 906.9  | 903.2  | 902.1  | 908.0  | 914.9  | 921.7  | 950.9  | 971.0  | 975.3  | 985.3  |
| 32.5° | 893.7  | 888.3  | 883.0  | 878.8  | 875.1  | 880.9  | 885.2  | 897.9  | 923.9  | 948.2  | 953.5  |
| 35°   | 873.5  | 868.2  | 861.8  | 857.1  | 851.2  | 850.7  | 850.2  | 862.4  | 870.9  | 900.0  | 925.5  |
| 37.5° | 852.8  | 847.0  | 841.7  | 836.4  | 830.6  | 826.3  | 823.7  | 826.9  | 834.8  | 847.5  | 889.9  |
| 40°   | 831.1  | 824.2  | 818.9  | 814.7  | 806.7  | 803.5  | 798.2  | 796.1  | 796.7  | 807.8  | 830.0  |
| 42.5° | 496.6  | 791.9  | 794.5  | 789.8  | 782.9  | 778.6  | 772.8  | 770.2  | 764.9  | 770.2  | 782.9  |
| 45°   | 191.3  | 193.5  | 579.3  | 765.4  | 756.9  | 751.6  | 746.3  | 743.6  | 737.8  | 733.6  | 745.2  |
| 47.5° | 187.6  | 189.8  | 185.5  | 262.9  | 722.4  | 724.0  | 717.7  | 715.0  | 709.2  | 706.0  | 702.8  |
| 50°   | 185.0  | 186.6  | 183.4  | 184.5  | 180.7  | 662.0  | 688.5  | 685.3  | 679.0  | 675.3  | 668.9  |
| 52.5° | 182.3  | 182.3  | 180.2  | 177.6  | 176.5  | 177.0  | 557.1  | 655.1  | 647.7  | 644.0  | 635.5  |
| 55°   | 173.9  | 174.9  | 177.0  | 172.8  | 171.7  | 171.2  | 169.6  | 530.6  | 613.3  | 609.0  | 601.6  |
| 57.5° | 161.1  | 163.3  | 169.1  | 168.0  | 168.0  | 163.8  | 162.7  | 162.7  | 492.4  | 573.5  | 566.1  |
| 60°   | 146.3  | 148.4  | 154.8  | 156.9  | 158.5  | 157.4  | 156.4  | 155.8  | 153.7  | 518.9  | 528.5  |
| 62.5° | 130.9  | 133.0  | 135.2  | 142.1  | 144.2  | 146.8  | 150.0  | 148.4  | 146.3  | 146.3  | 488.7  |
| 65°   | 114.5  | 117.7  | 118.7  | 125.1  | 127.7  | 132.5  | 135.2  | 138.9  | 137.8  | 137.3  | 139.9  |
| 67.5° | 100.2  | 103.9  | 104.4  | 107.1  | 111.8  | 114.0  | 117.1  | 124.0  | 127.2  | 128.3  | 129.3  |
| 70°   | 88.0   | 90.1   | 91.7   | 92.8   | 95.9   | 96.5   | 102.3  | 107.1  | 111.8  | 117.1  | 118.7  |
| 72.5° | 75.8   | 77.4   | 80.6   | 79.5   | 80.6   | 82.7   | 85.9   | 89.0   | 93.8   | 101.2  | 106.0  |
| 75°   | 62.0   | 63.1   | 65.2   | 66.3   | 68.4   | 70.0   | 72.1   | 74.7   | 79.0   | 82.7   | 89.0   |
| 77.5° | 49.8   | 50.4   | 51.9   | 52.5   | 54.6   | 56.2   | 59.9   | 61.5   | 64.1   | 66.8   | 70.5   |
| 80°   | 40.3   | 40.3   | 40.8   | 40.8   | 42.4   | 44.0   | 46.6   | 48.2   | 51.4   | 53.5   | 53.5   |
| 82.5° | 30.7   | 30.7   | 32.3   | 32.3   | 33.4   | 33.4   | 35.0   | 35.0   | 36.6   | 37.6   | 38.7   |
| 85°   | 21.7   | 22.3   | 23.3   | 22.8   | 23.9   | 23.3   | 24.4   | 25.4   | 26.0   | 25.4   | 24.9   |
| 87.5° | 14.3   | 14.3   | 15.4   | 14.8   | 15.4   | 15.4   | 16.4   | 16.4   | 17.0   | 17.0   | 16.4   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1213685

CATALOG NUMBER: 2SNLED-LD5-25SL-RW-UNV-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 167.5° | 170°   | 172.5° | 175°   | 177.5° | 180°   | 182.5° | 185°   | 187.5° | 190°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 |
| 2.5°  | 1187.8 | 1179.9 | 1175.1 | 1169.3 | 1167.7 | 1166.1 | 1168.2 | 1168.2 | 1165.0 | 1162.4 | 1157.6 |
| 5°    | 1215.4 | 1206.9 | 1197.9 | 1188.4 | 1179.3 | 1169.8 | 1166.1 | 1165.6 | 1159.7 | 1156.6 | 1155.0 |
| 7.5°  | 1229.7 | 1225.5 | 1215.4 | 1202.1 | 1188.4 | 1171.4 | 1164.0 | 1159.7 | 1153.9 | 1152.8 | 1152.8 |
| 10°   | 1231.3 | 1226.5 | 1221.2 | 1211.7 | 1195.8 | 1173.5 | 1159.2 | 1150.7 | 1145.4 | 1149.1 | 1156.0 |
| 12.5° | 1215.9 | 1224.9 | 1220.2 | 1213.8 | 1201.1 | 1174.0 | 1153.4 | 1140.6 | 1139.1 | 1148.6 | 1166.6 |
| 15°   | 1176.7 | 1203.2 | 1216.4 | 1210.1 | 1200.0 | 1173.0 | 1143.8 | 1129.0 | 1129.0 | 1148.6 | 1171.9 |
| 17.5° | 1147.0 | 1167.7 | 1200.0 | 1205.3 | 1193.7 | 1170.9 | 1134.8 | 1117.3 | 1122.1 | 1150.7 | 1175.6 |
| 20°   | 1122.6 | 1135.3 | 1166.6 | 1196.3 | 1185.2 | 1166.1 | 1121.6 | 1103.5 | 1113.1 | 1147.5 | 1180.9 |
| 22.5° | 1084.5 | 1109.9 | 1129.0 | 1173.0 | 1176.7 | 1157.1 | 1108.3 | 1086.6 | 1105.7 | 1147.5 | 1178.3 |
| 25°   | 1047.4 | 1078.1 | 1098.2 | 1141.2 | 1164.0 | 1145.9 | 1096.1 | 1068.6 | 1097.7 | 1145.9 | 1176.2 |
| 27.5° | 1021.4 | 1035.7 | 1072.3 | 1103.0 | 1144.9 | 1131.1 | 1079.7 | 1049.0 | 1087.6 | 1137.5 | 1164.0 |
| 30°   | 993.8  | 1003.4 | 1039.4 | 1068.6 | 1119.4 | 1114.1 | 1062.7 | 1027.2 | 1074.9 | 1129.5 | 1132.2 |
| 32.5° | 963.6  | 974.2  | 992.8  | 1035.2 | 1083.9 | 1098.2 | 1043.7 | 1005.5 | 1061.1 | 1117.3 | 1095.1 |
| 35°   | 932.9  | 940.8  | 955.7  | 1001.2 | 1042.6 | 1074.4 | 1020.3 | 980.6  | 1051.6 | 1098.8 | 1059.6 |
| 37.5° | 902.1  | 910.6  | 923.3  | 961.5  | 999.1  | 1052.1 | 1000.2 | 955.7  | 1034.1 | 1065.9 | 1022.5 |
| 40°   | 873.0  | 877.7  | 891.0  | 914.9  | 963.1  | 1029.3 | 977.4  | 929.7  | 1016.1 | 1024.0 | 972.1  |
| 42.5° | 819.4  | 843.3  | 855.5  | 874.6  | 922.3  | 998.1  | 950.9  | 902.1  | 995.9  | 982.2  | 921.7  |
| 45°   | 761.7  | 813.6  | 818.9  | 838.0  | 886.2  | 964.7  | 926.0  | 875.1  | 976.9  | 946.1  | 874.0  |
| 47.5° | 714.5  | 752.1  | 782.9  | 798.8  | 843.3  | 925.5  | 902.7  | 852.3  | 948.2  | 900.5  | 827.4  |
| 50°   | 672.6  | 692.8  | 748.4  | 760.1  | 791.9  | 878.3  | 875.1  | 825.8  | 908.5  | 843.3  | 781.8  |
| 52.5° | 631.8  | 646.1  | 696.5  | 721.4  | 747.4  | 827.4  | 842.2  | 799.8  | 865.0  | 786.1  | 735.7  |
| 55°   | 596.3  | 601.1  | 628.6  | 681.1  | 704.4  | 776.0  | 806.2  | 769.6  | 809.9  | 731.5  | 691.2  |
| 57.5° | 559.7  | 555.5  | 575.6  | 642.9  | 659.9  | 723.5  | 768.0  | 738.9  | 765.4  | 675.8  | 645.1  |
| 60°   | 521.6  | 515.7  | 524.2  | 568.7  | 612.7  | 671.6  | 723.0  | 705.0  | 711.3  | 620.7  | 593.6  |
| 62.5° | 481.8  | 476.0  | 473.3  | 501.4  | 566.6  | 618.0  | 677.4  | 667.3  | 645.1  | 570.3  | 530.0  |
| 65°   | 440.5  | 434.6  | 430.4  | 441.5  | 515.7  | 548.6  | 626.5  | 623.9  | 572.4  | 517.3  | 446.3  |
| 67.5° | 134.1  | 395.4  | 386.4  | 385.9  | 434.6  | 485.5  | 571.4  | 567.1  | 499.3  | 460.6  | 384.3  |
| 70°   | 120.8  | 320.7  | 340.8  | 336.0  | 357.2  | 421.4  | 508.3  | 505.1  | 428.3  | 369.4  | 339.8  |
| 72.5° | 110.8  | 113.4  | 301.1  | 295.8  | 300.5  | 358.3  | 442.6  | 434.1  | 363.1  | 291.5  | 293.6  |
| 75°   | 94.9   | 99.6   | 103.9  | 249.6  | 243.3  | 296.8  | 371.0  | 357.8  | 299.5  | 240.6  | 245.4  |
| 77.5° | 77.4   | 83.2   | 86.4   | 181.8  | 196.6  | 211.5  | 296.3  | 278.8  | 206.2  | 192.4  | 91.7   |
| 80°   | 57.8   | 62.5   | 67.8   | 72.6   | 149.5  | 147.9  | 220.0  | 202.5  | 143.6  | 119.8  | 71.6   |
| 82.5° | 42.4   | 44.0   | 47.2   | 52.5   | 59.4   | 99.1   | 141.5  | 124.6  | 99.6   | 54.6   | 49.3   |
| 85°   | 26.5   | 28.6   | 30.2   | 31.8   | 36.0   | 59.4   | 70.0   | 55.7   | 41.9   | 33.4   | 31.3   |
| 87.5° | 17.0   | 17.0   | 16.4   | 17.0   | 17.5   | 21.2   | 23.9   | 22.8   | 18.0   | 17.0   | 17.0   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1213685

CATALOG NUMBER: 2SNLED-LD5-25SL-RW-UNV-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 192.5° | 195°   | 197.5° | 200°   | 202.5° | 205°   | 207.5° | 210°   | 212.5° | 215°   | 217.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 |
| 2.5°  | 1152.3 | 1144.9 | 1144.9 | 1142.8 | 1144.4 | 1144.4 | 1143.8 | 1144.4 | 1148.1 | 1150.2 | 1153.9 |
| 5°    | 1151.8 | 1149.7 | 1154.4 | 1160.3 | 1167.2 | 1175.6 | 1177.8 | 1185.2 | 1192.1 | 1201.1 | 1210.6 |
| 7.5°  | 1158.7 | 1166.1 | 1175.1 | 1184.6 | 1198.4 | 1208.5 | 1217.5 | 1226.5 | 1232.9 | 1241.4 | 1246.7 |
| 10°   | 1168.7 | 1183.6 | 1199.0 | 1211.1 | 1226.0 | 1234.5 | 1240.3 | 1241.4 | 1232.3 | 1218.0 | 1206.4 |
| 12.5° | 1183.1 | 1200.5 | 1214.9 | 1226.5 | 1233.4 | 1230.2 | 1213.3 | 1195.8 | 1185.7 | 1170.9 | 1150.2 |
| 15°   | 1195.2 | 1211.1 | 1226.0 | 1221.2 | 1202.7 | 1185.2 | 1171.9 | 1151.3 | 1131.1 | 1117.3 | 1108.3 |
| 17.5° | 1200.5 | 1215.9 | 1210.6 | 1185.7 | 1168.2 | 1148.1 | 1121.0 | 1105.1 | 1091.9 | 1081.3 | 1076.0 |
| 20°   | 1203.7 | 1201.1 | 1172.5 | 1154.4 | 1120.5 | 1102.0 | 1084.5 | 1069.6 | 1059.6 | 1054.3 | 1053.2 |
| 22.5° | 1195.2 | 1162.9 | 1138.5 | 1106.2 | 1081.3 | 1065.9 | 1052.1 | 1039.9 | 1033.1 | 1028.8 | 1026.2 |
| 25°   | 1167.2 | 1129.5 | 1093.5 | 1068.0 | 1046.8 | 1033.6 | 1023.0 | 1012.9 | 1004.4 | 1002.3 | 997.0  |
| 27.5° | 1127.9 | 1097.2 | 1049.5 | 1029.9 | 1011.3 | 1005.0 | 993.3  | 983.2  | 975.8  | 969.4  | 952.5  |
| 30°   | 1095.6 | 1046.8 | 1012.4 | 994.4  | 983.2  | 975.8  | 962.6  | 952.0  | 939.2  | 915.9  | 906.4  |
| 32.5° | 1055.8 | 1007.6 | 974.7  | 964.7  | 950.9  | 944.5  | 929.7  | 906.4  | 886.8  | 877.2  | 876.7  |
| 35°   | 1004.4 | 964.7  | 940.8  | 931.8  | 920.7  | 910.1  | 879.3  | 858.1  | 848.6  | 849.7  | 857.6  |
| 37.5° | 961.5  | 926.0  | 910.6  | 897.9  | 885.2  | 858.1  | 832.2  | 822.1  | 824.7  | 830.0  | 833.8  |
| 40°   | 918.0  | 891.0  | 873.5  | 863.4  | 834.8  | 808.3  | 794.5  | 798.2  | 803.0  | 806.7  | 811.5  |
| 42.5° | 875.6  | 856.5  | 839.1  | 819.4  | 780.2  | 765.9  | 769.1  | 773.9  | 778.1  | 783.4  | 788.2  |
| 45°   | 835.3  | 818.4  | 798.2  | 753.7  | 734.1  | 737.8  | 742.6  | 746.3  | 752.7  | 756.4  | 761.1  |
| 47.5° | 797.2  | 779.2  | 743.6  | 704.4  | 702.3  | 709.7  | 714.0  | 718.7  | 723.5  | 714.0  | 393.8  |
| 50°   | 754.2  | 735.7  | 681.6  | 666.8  | 671.6  | 678.5  | 683.8  | 688.5  | 613.3  | 243.8  | 187.6  |
| 52.5° | 711.8  | 664.7  | 630.2  | 634.5  | 639.2  | 647.2  | 650.9  | 483.4  | 192.4  | 183.4  | 183.9  |
| 55°   | 664.7  | 604.2  | 594.2  | 599.5  | 603.7  | 611.7  | 405.5  | 177.6  | 176.5  | 176.0  | 180.2  |
| 57.5° | 590.5  | 553.9  | 558.1  | 563.4  | 567.7  | 400.7  | 172.8  | 171.7  | 172.3  | 172.8  | 173.3  |
| 60°   | 524.2  | 516.3  | 521.0  | 525.8  | 372.1  | 167.0  | 163.8  | 164.3  | 166.4  | 164.8  | 160.6  |
| 62.5° | 471.7  | 478.1  | 482.9  | 423.0  | 158.5  | 156.9  | 158.5  | 156.9  | 153.2  | 150.5  | 145.2  |
| 65°   | 431.5  | 437.8  | 441.5  | 148.9  | 148.4  | 150.5  | 148.9  | 143.6  | 137.8  | 130.4  | 128.8  |
| 67.5° | 389.1  | 395.4  | 141.5  | 137.8  | 139.9  | 137.3  | 130.9  | 124.6  | 120.3  | 114.0  | 111.3  |
| 70°   | 345.1  | 147.9  | 128.3  | 127.7  | 124.0  | 119.8  | 112.9  | 106.5  | 101.2  | 98.6   | 95.9   |
| 72.5° | 249.1  | 117.1  | 115.5  | 111.3  | 104.9  | 99.1   | 93.3   | 89.6   | 86.9   | 85.3   | 83.7   |
| 75°   | 103.9  | 101.8  | 97.0   | 89.6   | 83.2   | 80.6   | 76.3   | 73.7   | 72.6   | 69.4   | 68.4   |
| 77.5° | 86.9   | 82.7   | 75.8   | 70.5   | 66.8   | 65.2   | 62.0   | 58.8   | 57.2   | 56.7   | 54.6   |
| 80°   | 66.8   | 61.0   | 57.8   | 55.1   | 54.1   | 50.4   | 46.6   | 45.1   | 44.0   | 43.5   | 41.9   |
| 82.5° | 45.6   | 43.5   | 41.3   | 37.6   | 37.6   | 36.0   | 34.5   | 33.4   | 32.3   | 32.3   | 31.3   |
| 85°   | 29.7   | 28.1   | 27.6   | 26.0   | 26.0   | 24.9   | 24.4   | 23.9   | 23.3   | 22.8   | 22.3   |
| 87.5° | 17.0   | 17.0   | 17.5   | 17.0   | 17.0   | 16.4   | 15.9   | 15.4   | 14.8   | 14.8   | 13.8   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1213685

CATALOG NUMBER: 2SNLED-LD5-25SL-RW-UNV-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 220°   | 222.5° | 225°   | 227.5° | 230°   | 232.5° | 235°   | 237.5° | 240°   | 242.5° | 245°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 |
| 2.5°  | 1158.7 | 1164.0 | 1165.0 | 1183.1 | 1193.1 | 1192.6 | 1189.4 | 1199.0 | 1193.1 | 1189.9 | 1193.1 |
| 5°    | 1220.2 | 1226.5 | 1231.8 | 1251.4 | 1258.3 | 1261.5 | 1261.0 | 1266.3 | 1262.0 | 1258.3 | 1258.3 |
| 7.5°  | 1250.4 | 1252.5 | 1254.6 | 1249.8 | 1246.7 | 1241.4 | 1233.4 | 1221.7 | 1215.9 | 1209.6 | 1201.6 |
| 10°   | 1200.5 | 1193.7 | 1196.3 | 1186.8 | 1178.8 | 1173.0 | 1165.6 | 1156.0 | 1148.1 | 1142.2 | 1133.2 |
| 12.5° | 1139.6 | 1139.1 | 1140.1 | 1141.7 | 1133.8 | 1129.0 | 1123.2 | 1116.3 | 1110.4 | 1104.1 | 1096.7 |
| 15°   | 1102.5 | 1103.0 | 1107.3 | 1105.7 | 1103.0 | 1100.4 | 1094.0 | 1091.9 | 1086.6 | 1079.7 | 1075.5 |
| 17.5° | 1076.0 | 1078.6 | 1082.9 | 1080.8 | 1076.5 | 1073.9 | 1069.1 | 1064.3 | 1059.6 | 1054.3 | 1047.9 |
| 20°   | 1052.7 | 1055.3 | 1058.0 | 1055.3 | 1047.4 | 1043.7 | 1037.3 | 1022.5 | 1011.8 | 1001.2 | 991.7  |
| 22.5° | 1027.2 | 1028.8 | 1026.7 | 1018.2 | 998.1  | 988.5  | 981.1  | 976.9  | 967.9  | 962.0  | 956.2  |
| 25°   | 995.4  | 986.4  | 972.6  | 963.1  | 955.1  | 950.9  | 947.7  | 947.2  | 946.1  | 945.1  | 942.4  |
| 27.5° | 943.5  | 940.3  | 932.9  | 929.2  | 929.7  | 931.3  | 931.8  | 933.4  | 931.8  | 929.7  | 927.6  |
| 30°   | 904.8  | 906.4  | 906.9  | 908.0  | 910.6  | 912.2  | 912.7  | 914.9  | 913.8  | 912.2  | 911.1  |
| 32.5° | 880.4  | 884.1  | 886.2  | 889.4  | 891.0  | 893.7  | 893.7  | 896.8  | 893.7  | 893.1  | 892.1  |
| 35°   | 860.3  | 863.4  | 864.5  | 869.3  | 870.9  | 873.5  | 873.5  | 876.2  | 873.5  | 846.5  | 668.4  |
| 37.5° | 840.1  | 843.3  | 845.4  | 849.7  | 850.2  | 851.8  | 786.1  | 575.1  | 371.0  | 287.3  | 219.4  |
| 40°   | 816.3  | 820.0  | 822.1  | 823.7  | 578.8  | 367.3  | 252.8  | 205.7  | 205.7  | 207.2  | 208.8  |
| 42.5° | 790.8  | 793.5  | 552.8  | 321.7  | 200.4  | 199.8  | 201.4  | 203.0  | 204.6  | 206.7  | 208.8  |
| 45°   | 621.7  | 313.8  | 199.3  | 194.5  | 196.1  | 198.2  | 200.4  | 202.5  | 205.1  | 207.2  | 208.3  |
| 47.5° | 204.1  | 191.3  | 194.0  | 191.9  | 194.5  | 197.2  | 199.3  | 201.4  | 201.9  | 202.5  | 201.9  |
| 50°   | 188.7  | 188.7  | 190.3  | 190.3  | 192.4  | 193.5  | 193.5  | 193.5  | 191.3  | 190.8  | 189.2  |
| 52.5° | 182.3  | 186.6  | 184.5  | 185.5  | 184.5  | 182.9  | 181.3  | 179.7  | 176.5  | 175.4  | 173.3  |
| 55°   | 179.2  | 180.7  | 175.4  | 173.9  | 171.7  | 167.5  | 165.4  | 163.3  | 160.6  | 159.5  | 156.9  |
| 57.5° | 171.7  | 168.0  | 162.2  | 159.5  | 155.8  | 151.6  | 149.5  | 147.9  | 145.2  | 144.2  | 142.6  |
| 60°   | 158.0  | 150.5  | 146.8  | 143.6  | 139.4  | 135.7  | 134.1  | 133.0  | 130.9  | 130.4  | 128.8  |
| 62.5° | 141.0  | 134.6  | 131.5  | 127.2  | 124.0  | 121.9  | 120.3  | 119.8  | 117.7  | 117.7  | 116.6  |
| 65°   | 122.4  | 119.3  | 116.6  | 112.4  | 110.8  | 108.7  | 108.1  | 107.6  | 106.5  | 106.0  | 104.9  |
| 67.5° | 107.6  | 105.5  | 101.8  | 99.6   | 98.6   | 97.0   | 95.9   | 94.9   | 92.8   | 91.7   | 90.1   |
| 70°   | 94.3   | 92.8   | 89.0   | 87.5   | 85.3   | 82.7   | 81.1   | 80.0   | 78.4   | 77.4   | 75.8   |
| 72.5° | 81.6   | 76.9   | 74.2   | 72.6   | 71.0   | 68.4   | 67.8   | 66.8   | 65.2   | 64.7   | 63.1   |
| 75°   | 65.7   | 62.0   | 60.4   | 59.4   | 57.8   | 56.2   | 56.2   | 56.2   | 54.6   | 54.1   | 53.5   |
| 77.5° | 52.5   | 50.4   | 49.3   | 48.2   | 47.7   | 46.6   | 45.1   | 44.5   | 42.9   | 42.9   | 42.4   |
| 80°   | 40.3   | 39.2   | 38.2   | 37.6   | 37.1   | 36.0   | 35.0   | 34.5   | 32.9   | 32.9   | 32.3   |
| 82.5° | 29.7   | 29.2   | 28.6   | 28.1   | 27.6   | 27.0   | 25.4   | 24.9   | 23.9   | 23.9   | 23.3   |
| 85°   | 21.2   | 20.7   | 19.6   | 19.1   | 19.1   | 18.6   | 17.0   | 16.4   | 15.4   | 15.4   | 15.4   |
| 87.5° | 13.3   | 12.7   | 12.2   | 11.7   | 11.1   | 10.6   | 9.5    | 9.0    | 9.0    | 8.0    | 7.4    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1213685

CATALOG NUMBER: 2SNLED-LD5-25SL-RW-UNV-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 247.5° | 250°   | 252.5° | 255°   | 257.5° | 260°   | 262.5° | 265°   | 267.5° | 270°   | 272.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 |
| 2.5°  | 1186.8 | 1195.8 | 1194.7 | 1201.1 | 1202.7 | 1205.8 | 1206.9 | 1207.4 | 1199.5 | 1205.8 | 1206.4 |
| 5°    | 1256.7 | 1258.3 | 1259.4 | 1262.0 | 1264.7 | 1265.2 | 1262.6 | 1259.4 | 1260.4 | 1258.3 | 1253.0 |
| 7.5°  | 1200.5 | 1192.6 | 1191.0 | 1188.9 | 1187.8 | 1186.8 | 1182.0 | 1186.2 | 1181.5 | 1179.3 | 1171.9 |
| 10°   | 1131.6 | 1124.2 | 1123.7 | 1123.7 | 1125.3 | 1124.7 | 1123.7 | 1121.6 | 1125.8 | 1123.2 | 1121.6 |
| 12.5° | 1095.6 | 1092.9 | 1094.5 | 1093.5 | 1097.7 | 1098.8 | 1097.7 | 1097.7 | 1096.7 | 1094.5 | 1095.6 |
| 15°   | 1073.9 | 1071.7 | 1073.3 | 1071.7 | 1074.9 | 1075.5 | 1072.8 | 1074.4 | 1071.7 | 1069.1 | 1068.0 |
| 17.5° | 1045.2 | 1040.5 | 1036.8 | 1031.5 | 1032.0 | 1030.9 | 1027.8 | 1027.8 | 1025.1 | 1018.2 | 1018.7 |
| 20°   | 990.1  | 985.3  | 983.2  | 983.2  | 985.9  | 986.9  | 986.4  | 987.5  | 984.8  | 983.8  | 979.5  |
| 22.5° | 955.7  | 955.1  | 956.2  | 958.8  | 963.1  | 968.9  | 969.4  | 969.4  | 969.4  | 968.9  | 963.6  |
| 25°   | 943.5  | 943.5  | 944.5  | 948.2  | 951.4  | 955.7  | 956.7  | 957.8  | 956.7  | 956.7  | 952.0  |
| 27.5° | 929.7  | 928.6  | 930.8  | 934.5  | 938.2  | 941.4  | 944.0  | 944.5  | 942.9  | 942.9  | 944.5  |
| 30°   | 912.7  | 912.2  | 914.9  | 918.6  | 921.7  | 924.9  | 927.6  | 929.7  | 927.6  | 927.6  | 926.0  |
| 32.5° | 895.2  | 895.2  | 896.3  | 874.0  | 810.4  | 729.9  | 731.5  | 684.8  | 652.5  | 611.7  | 665.7  |
| 35°   | 558.7  | 406.5  | 349.3  | 295.8  | 258.1  | 233.7  | 233.2  | 225.3  | 221.6  | 218.9  | 218.4  |
| 37.5° | 211.0  | 212.0  | 214.1  | 215.2  | 216.8  | 217.8  | 218.4  | 218.4  | 218.4  | 218.4  | 217.8  |
| 40°   | 210.4  | 212.5  | 214.1  | 215.7  | 217.3  | 218.4  | 218.4  | 218.9  | 219.4  | 219.4  | 219.4  |
| 42.5° | 211.0  | 213.1  | 215.2  | 216.8  | 217.8  | 218.4  | 218.9  | 219.4  | 219.4  | 219.4  | 219.4  |
| 45°   | 210.4  | 211.5  | 211.5  | 212.0  | 212.0  | 212.0  | 212.5  | 212.5  | 212.0  | 211.5  | 212.5  |
| 47.5° | 202.5  | 202.5  | 200.9  | 200.4  | 199.8  | 198.8  | 199.3  | 198.8  | 198.2  | 197.7  | 198.8  |
| 50°   | 188.7  | 186.6  | 185.5  | 184.5  | 183.9  | 182.9  | 183.4  | 182.9  | 182.3  | 181.3  | 182.9  |
| 52.5° | 172.3  | 171.7  | 169.6  | 168.6  | 168.0  | 168.6  | 167.5  | 167.0  | 166.4  | 165.9  | 166.4  |
| 55°   | 156.4  | 154.2  | 153.7  | 152.7  | 152.1  | 152.7  | 152.1  | 151.6  | 151.1  | 150.5  | 151.1  |
| 57.5° | 142.1  | 140.5  | 139.9  | 138.9  | 138.9  | 138.9  | 138.9  | 138.3  | 137.8  | 137.3  | 137.8  |
| 60°   | 128.3  | 127.2  | 126.7  | 126.7  | 126.1  | 126.1  | 126.1  | 125.6  | 125.1  | 125.1  | 125.6  |
| 62.5° | 116.6  | 116.6  | 115.0  | 114.5  | 114.5  | 115.0  | 114.5  | 114.0  | 113.4  | 112.9  | 114.0  |
| 65°   | 104.4  | 102.3  | 101.8  | 100.7  | 99.6   | 100.2  | 99.6   | 99.1   | 98.6   | 98.1   | 99.1   |
| 67.5° | 89.6   | 89.0   | 86.9   | 85.9   | 85.3   | 85.9   | 85.3   | 84.8   | 84.3   | 83.7   | 84.8   |
| 70°   | 75.3   | 75.3   | 73.1   | 72.6   | 72.1   | 72.1   | 71.6   | 71.6   | 71.0   | 70.5   | 71.6   |
| 72.5° | 62.5   | 62.5   | 62.0   | 61.0   | 60.4   | 59.9   | 59.4   | 58.8   | 58.8   | 59.4   | 59.4   |
| 75°   | 51.9   | 50.9   | 48.8   | 49.3   | 48.8   | 48.2   | 48.2   | 47.7   | 47.2   | 48.2   | 47.7   |
| 77.5° | 40.8   | 40.3   | 38.7   | 39.2   | 38.7   | 38.2   | 38.2   | 37.6   | 37.1   | 37.6   | 37.6   |
| 80°   | 30.7   | 30.7   | 30.2   | 29.7   | 29.7   | 29.2   | 28.6   | 28.6   | 28.1   | 28.6   | 28.6   |
| 82.5° | 22.3   | 22.3   | 21.7   | 21.2   | 20.7   | 20.7   | 20.1   | 20.1   | 20.1   | 20.1   | 20.1   |
| 85°   | 14.3   | 13.8   | 13.8   | 12.7   | 12.7   | 12.7   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   |
| 87.5° | 6.9    | 6.9    | 6.4    | 6.4    | 5.8    | 5.3    | 5.3    | 4.8    | 4.8    | 5.3    | 5.3    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1213685

CATALOG NUMBER: 2SNLED-LD5-25SL-RW-UNV-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 275°   | 277.5° | 280°   | 282.5° | 285°   | 287.5° | 290°   | 292.5° | 295°   | 297.5° | 300°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 |
| 2.5°  | 1196.8 | 1203.7 | 1197.9 | 1200.5 | 1201.1 | 1210.1 | 1209.6 | 1211.7 | 1208.0 | 1203.7 | 1197.9 |
| 5°    | 1257.8 | 1254.6 | 1250.4 | 1260.4 | 1255.1 | 1261.5 | 1263.6 | 1267.9 | 1267.9 | 1267.3 | 1262.6 |
| 7.5°  | 1179.9 | 1173.0 | 1178.3 | 1182.0 | 1183.6 | 1179.3 | 1187.8 | 1197.4 | 1205.3 | 1210.1 | 1210.6 |
| 10°   | 1118.9 | 1121.0 | 1120.5 | 1122.1 | 1125.8 | 1125.3 | 1130.6 | 1135.9 | 1138.0 | 1141.2 | 1142.2 |
| 12.5° | 1090.3 | 1089.8 | 1090.8 | 1094.5 | 1096.7 | 1096.1 | 1101.4 | 1104.6 | 1105.7 | 1106.2 | 1105.7 |
| 15°   | 1067.5 | 1063.8 | 1066.4 | 1067.0 | 1068.6 | 1068.6 | 1074.9 | 1079.7 | 1081.8 | 1082.9 | 1081.8 |
| 17.5° | 1024.6 | 1015.6 | 1024.0 | 1024.0 | 1029.9 | 1028.8 | 1038.9 | 1046.8 | 1051.1 | 1054.3 | 1054.3 |
| 20°   | 982.2  | 977.9  | 981.1  | 980.0  | 984.3  | 983.8  | 990.1  | 995.4  | 999.1  | 1001.8 | 1005.0 |
| 22.5° | 965.2  | 966.3  | 961.5  | 962.0  | 962.0  | 961.5  | 964.7  | 967.3  | 968.4  | 970.0  | 968.9  |
| 25°   | 954.1  | 955.1  | 953.5  | 950.9  | 949.8  | 950.9  | 952.5  | 955.7  | 956.2  | 955.1  | 951.4  |
| 27.5° | 942.9  | 939.8  | 942.4  | 937.6  | 936.6  | 938.7  | 940.8  | 941.4  | 941.9  | 941.9  | 938.7  |
| 30°   | 926.0  | 923.3  | 926.0  | 923.9  | 921.7  | 923.9  | 925.5  | 925.5  | 926.5  | 927.0  | 923.3  |
| 32.5° | 647.2  | 652.5  | 738.3  | 790.3  | 863.4  | 900.5  | 907.4  | 907.4  | 908.5  | 908.5  | 905.3  |
| 35°   | 220.5  | 221.0  | 239.0  | 259.2  | 302.1  | 355.1  | 424.6  | 460.6  | 582.5  | 728.3  | 869.3  |
| 37.5° | 217.8  | 217.3  | 216.8  | 216.3  | 215.7  | 215.2  | 214.1  | 213.6  | 216.8  | 257.1  | 348.8  |
| 40°   | 218.9  | 218.4  | 217.3  | 216.8  | 216.3  | 215.2  | 214.7  | 213.6  | 212.5  | 211.5  | 210.4  |
| 42.5° | 218.9  | 218.4  | 217.8  | 217.3  | 216.8  | 216.3  | 215.2  | 214.1  | 213.1  | 211.5  | 209.9  |
| 45°   | 211.5  | 211.5  | 212.0  | 212.0  | 212.5  | 212.5  | 212.5  | 212.0  | 212.0  | 211.5  | 209.4  |
| 47.5° | 197.7  | 197.7  | 199.3  | 199.3  | 200.4  | 201.4  | 201.4  | 202.5  | 204.1  | 205.1  | 205.7  |
| 50°   | 181.8  | 181.8  | 183.4  | 183.9  | 185.0  | 186.6  | 188.2  | 188.7  | 190.3  | 192.4  | 194.5  |
| 52.5° | 165.9  | 165.9  | 167.5  | 167.5  | 168.6  | 170.1  | 171.7  | 172.3  | 174.4  | 176.5  | 179.2  |
| 55°   | 151.1  | 151.1  | 152.1  | 152.7  | 153.2  | 154.2  | 155.8  | 155.8  | 158.0  | 159.5  | 162.2  |
| 57.5° | 137.8  | 138.9  | 138.9  | 138.9  | 139.4  | 140.5  | 141.5  | 141.5  | 143.1  | 144.7  | 146.8  |
| 60°   | 125.1  | 126.1  | 126.1  | 126.1  | 126.7  | 127.2  | 128.3  | 128.3  | 129.3  | 130.4  | 132.5  |
| 62.5° | 113.4  | 114.5  | 114.5  | 115.0  | 115.0  | 115.5  | 116.6  | 116.1  | 117.1  | 117.7  | 119.3  |
| 65°   | 98.6   | 99.6   | 100.2  | 100.7  | 101.2  | 102.3  | 103.9  | 103.4  | 104.9  | 106.0  | 107.6  |
| 67.5° | 84.3   | 85.3   | 85.3   | 85.9   | 86.4   | 87.5   | 88.5   | 88.5   | 90.1   | 91.2   | 93.3   |
| 70°   | 71.0   | 72.1   | 72.1   | 72.6   | 73.1   | 74.2   | 75.3   | 74.7   | 76.3   | 77.4   | 79.0   |
| 72.5° | 58.8   | 59.9   | 59.9   | 60.4   | 60.4   | 61.5   | 62.5   | 63.6   | 63.6   | 64.7   | 65.7   |
| 75°   | 47.7   | 48.2   | 48.8   | 48.8   | 49.3   | 49.8   | 50.9   | 51.9   | 52.5   | 53.0   | 54.1   |
| 77.5° | 37.6   | 38.2   | 38.7   | 38.7   | 39.2   | 39.8   | 40.3   | 42.4   | 43.5   | 44.0   | 44.0   |
| 80°   | 28.6   | 29.2   | 29.2   | 29.2   | 29.7   | 30.2   | 31.3   | 31.3   | 33.4   | 33.4   | 33.9   |
| 82.5° | 20.1   | 20.7   | 20.7   | 20.7   | 21.2   | 22.3   | 22.8   | 23.3   | 24.4   | 24.9   | 24.9   |
| 85°   | 12.2   | 12.7   | 12.7   | 12.7   | 13.3   | 13.8   | 14.8   | 15.4   | 15.9   | 15.9   | 16.4   |
| 87.5° | 4.8    | 5.3    | 5.8    | 5.8    | 6.4    | 6.9    | 7.4    | 8.0    | 8.5    | 8.5    | 9.0    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



TEST NUMBER: P1213685

CATALOG NUMBER: 2SNLED-LD5-25SL-RW-UNV-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 302.5° | 305°   | 307.5° | 310°   | 312.5° | 315°   | 317.5° | 320°   | 322.5° | 325°   | 327.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 |
| 2.5°  | 1191.5 | 1195.2 | 1191.5 | 1193.7 | 1196.3 | 1191.5 | 1180.4 | 1176.2 | 1174.6 | 1168.2 | 1164.0 |
| 5°    | 1257.8 | 1257.8 | 1256.2 | 1260.4 | 1259.9 | 1252.5 | 1240.8 | 1235.5 | 1230.2 | 1223.3 | 1218.0 |
| 7.5°  | 1210.6 | 1214.9 | 1217.5 | 1233.9 | 1244.5 | 1245.6 | 1253.0 | 1254.6 | 1256.7 | 1254.6 | 1251.4 |
| 10°   | 1142.8 | 1141.2 | 1148.6 | 1164.0 | 1173.0 | 1177.8 | 1192.1 | 1199.0 | 1204.8 | 1216.4 | 1228.6 |
| 12.5° | 1104.6 | 1106.7 | 1109.9 | 1121.0 | 1129.5 | 1127.4 | 1133.2 | 1138.0 | 1144.9 | 1156.6 | 1174.0 |
| 15°   | 1079.2 | 1081.3 | 1084.5 | 1092.9 | 1098.2 | 1095.6 | 1098.8 | 1102.0 | 1106.7 | 1112.6 | 1123.2 |
| 17.5° | 1051.6 | 1055.3 | 1059.0 | 1068.0 | 1072.8 | 1072.3 | 1074.9 | 1076.0 | 1077.6 | 1081.3 | 1088.7 |
| 20°   | 1008.7 | 1020.3 | 1027.8 | 1039.9 | 1046.8 | 1045.8 | 1050.5 | 1052.1 | 1054.3 | 1058.0 | 1061.1 |
| 22.5° | 969.4  | 972.6  | 976.3  | 989.6  | 1001.2 | 1015.6 | 1018.7 | 1023.0 | 1028.3 | 1032.0 | 1035.2 |
| 25°   | 947.2  | 945.1  | 946.7  | 955.7  | 962.0  | 963.1  | 967.9  | 981.6  | 995.9  | 1002.3 | 1009.7 |
| 27.5° | 933.9  | 931.8  | 931.3  | 935.5  | 936.6  | 933.9  | 932.9  | 937.1  | 947.7  | 958.3  | 980.6  |
| 30°   | 919.6  | 917.0  | 914.9  | 918.6  | 920.2  | 916.4  | 909.6  | 905.8  | 912.2  | 914.9  | 923.9  |
| 32.5° | 902.7  | 900.0  | 899.0  | 901.1  | 902.1  | 899.0  | 891.5  | 887.3  | 886.2  | 884.1  | 886.2  |
| 35°   | 883.6  | 880.9  | 879.3  | 879.9  | 882.0  | 879.3  | 873.0  | 867.7  | 865.0  | 859.2  | 855.0  |
| 37.5° | 455.3  | 645.1  | 837.5  | 857.6  | 859.7  | 859.2  | 852.8  | 847.0  | 844.4  | 837.5  | 835.3  |
| 40°   | 208.3  | 232.7  | 349.3  | 456.4  | 658.3  | 836.4  | 830.6  | 824.7  | 820.0  | 817.9  | 809.9  |
| 42.5° | 207.8  | 208.3  | 208.8  | 206.2  | 255.5  | 435.2  | 642.4  | 802.0  | 798.8  | 793.5  | 787.6  |
| 45°   | 207.8  | 205.1  | 207.2  | 204.1  | 205.1  | 204.6  | 255.0  | 411.3  | 732.0  | 764.9  | 762.2  |
| 47.5° | 205.7  | 204.1  | 206.2  | 203.5  | 200.4  | 201.9  | 199.8  | 202.5  | 315.9  | 535.9  | 734.1  |
| 50°   | 196.1  | 197.2  | 200.9  | 200.4  | 197.7  | 199.8  | 196.1  | 199.3  | 196.6  | 215.7  | 415.6  |
| 52.5° | 181.8  | 183.9  | 187.6  | 190.8  | 191.9  | 194.5  | 193.5  | 194.5  | 192.4  | 192.9  | 193.5  |
| 55°   | 164.8  | 167.5  | 170.7  | 175.4  | 177.6  | 181.8  | 185.0  | 186.6  | 189.2  | 188.7  | 184.5  |
| 57.5° | 148.9  | 151.6  | 154.2  | 159.0  | 163.8  | 165.9  | 171.7  | 174.9  | 181.8  | 180.2  | 179.2  |
| 60°   | 134.1  | 136.2  | 138.9  | 139.9  | 145.8  | 149.5  | 154.8  | 158.0  | 167.0  | 169.1  | 172.3  |
| 62.5° | 120.8  | 121.9  | 124.0  | 125.6  | 129.3  | 133.0  | 135.7  | 141.0  | 145.8  | 152.7  | 157.4  |
| 65°   | 108.7  | 109.7  | 111.3  | 112.4  | 112.9  | 118.2  | 119.8  | 125.6  | 127.2  | 134.6  | 138.9  |
| 67.5° | 94.9   | 97.0   | 99.1   | 100.2  | 101.2  | 104.4  | 105.5  | 108.1  | 111.8  | 115.0  | 120.3  |
| 70°   | 80.6   | 82.2   | 84.3   | 85.9   | 88.0   | 90.1   | 93.3   | 94.9   | 97.5   | 99.6   | 103.9  |
| 72.5° | 67.3   | 68.9   | 70.0   | 71.6   | 73.1   | 74.7   | 77.4   | 81.1   | 83.2   | 86.9   | 88.0   |
| 75°   | 54.6   | 56.2   | 57.2   | 58.3   | 59.9   | 61.0   | 62.0   | 65.7   | 67.8   | 71.0   | 74.2   |
| 77.5° | 45.1   | 45.1   | 46.1   | 49.3   | 48.8   | 48.8   | 49.8   | 51.9   | 53.5   | 55.7   | 58.8   |
| 80°   | 35.0   | 35.5   | 36.0   | 38.7   | 39.2   | 39.8   | 39.2   | 40.8   | 42.4   | 42.9   | 45.1   |
| 82.5° | 26.0   | 26.5   | 26.5   | 28.1   | 29.7   | 29.7   | 29.7   | 30.2   | 31.8   | 32.3   | 33.4   |
| 85°   | 17.5   | 18.0   | 18.6   | 19.1   | 20.1   | 20.7   | 21.2   | 21.2   | 22.3   | 22.8   | 23.3   |
| 87.5° | 9.5    | 10.6   | 11.1   | 11.7   | 12.2   | 12.7   | 13.3   | 13.8   | 14.3   | 14.8   | 15.4   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1213685

CATALOG NUMBER: 2SNLED-LD5-25SL-RW-UNV-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 330°   | 332.5° | 335°   | 337.5° | 340°   | 342.5° | 345°   | 347.5° | 350°   | 352.5° | 355°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 | 1156.6 |
| 2.5°  | 1162.4 | 1159.7 | 1158.1 | 1153.9 | 1152.8 | 1145.9 | 1147.0 | 1145.9 | 1145.9 | 1147.5 | 1152.8 |
| 5°    | 1212.2 | 1199.5 | 1196.3 | 1187.3 | 1179.9 | 1167.2 | 1159.2 | 1155.0 | 1148.6 | 1145.9 | 1149.7 |
| 7.5°  | 1246.1 | 1236.6 | 1228.6 | 1220.7 | 1210.1 | 1195.2 | 1184.1 | 1171.4 | 1160.8 | 1150.7 | 1148.1 |
| 10°   | 1240.3 | 1250.9 | 1250.9 | 1246.1 | 1236.1 | 1221.2 | 1208.0 | 1192.1 | 1173.5 | 1157.6 | 1148.1 |
| 12.5° | 1191.0 | 1209.6 | 1224.4 | 1235.5 | 1245.6 | 1235.5 | 1222.3 | 1209.6 | 1188.9 | 1165.6 | 1148.1 |
| 15°   | 1136.9 | 1156.0 | 1174.6 | 1197.9 | 1222.3 | 1232.3 | 1231.8 | 1217.0 | 1198.4 | 1174.0 | 1149.7 |
| 17.5° | 1098.8 | 1112.0 | 1122.1 | 1147.5 | 1177.2 | 1203.2 | 1220.7 | 1221.7 | 1203.7 | 1182.0 | 1150.2 |
| 20°   | 1070.2 | 1079.7 | 1088.2 | 1102.5 | 1128.5 | 1160.3 | 1192.6 | 1210.6 | 1207.4 | 1183.6 | 1151.8 |
| 22.5° | 1044.2 | 1051.1 | 1058.0 | 1068.6 | 1089.2 | 1109.9 | 1147.5 | 1184.6 | 1200.5 | 1180.9 | 1150.2 |
| 25°   | 1018.2 | 1025.6 | 1030.9 | 1038.4 | 1054.8 | 1071.7 | 1098.2 | 1144.4 | 1179.9 | 1178.8 | 1147.0 |
| 27.5° | 987.5  | 997.5  | 1003.9 | 1014.0 | 1025.1 | 1037.8 | 1055.8 | 1099.3 | 1150.2 | 1168.2 | 1138.5 |
| 30°   | 950.4  | 965.2  | 974.7  | 985.9  | 995.4  | 1006.5 | 1020.9 | 1047.4 | 1110.4 | 1147.5 | 1129.5 |
| 32.5° | 896.8  | 923.3  | 944.5  | 955.1  | 965.7  | 975.3  | 988.0  | 1010.3 | 1061.7 | 1119.4 | 1119.4 |
| 35°   | 858.7  | 870.9  | 889.9  | 920.7  | 933.9  | 943.5  | 955.1  | 972.6  | 1005.5 | 1086.1 | 1103.0 |
| 37.5° | 829.0  | 833.8  | 843.3  | 873.5  | 898.4  | 913.8  | 925.5  | 936.6  | 968.9  | 1040.5 | 1081.8 |
| 40°   | 806.7  | 805.1  | 804.1  | 818.4  | 853.9  | 878.3  | 891.5  | 902.7  | 927.6  | 985.9  | 1053.7 |
| 42.5° | 780.8  | 779.2  | 773.9  | 777.6  | 795.1  | 835.9  | 856.0  | 868.2  | 888.9  | 928.6  | 1023.0 |
| 45°   | 753.7  | 751.1  | 748.9  | 745.2  | 751.6  | 774.4  | 815.7  | 833.8  | 845.4  | 880.9  | 984.3  |
| 47.5° | 726.2  | 722.4  | 719.8  | 716.6  | 712.9  | 723.5  | 762.7  | 795.1  | 815.2  | 837.5  | 937.6  |
| 50°   | 686.9  | 691.7  | 688.5  | 684.8  | 681.6  | 679.5  | 695.9  | 748.9  | 773.9  | 791.9  | 880.9  |
| 52.5° | 323.9  | 629.7  | 656.2  | 652.5  | 648.2  | 644.5  | 648.2  | 688.5  | 733.6  | 747.9  | 812.6  |
| 55°   | 184.5  | 280.4  | 583.6  | 617.0  | 613.3  | 608.0  | 604.8  | 618.6  | 685.9  | 705.0  | 750.0  |
| 57.5° | 177.6  | 178.1  | 257.6  | 556.0  | 576.7  | 571.9  | 568.2  | 571.4  | 628.6  | 661.0  | 695.4  |
| 60°   | 171.7  | 171.7  | 171.7  | 245.9  | 531.6  | 533.2  | 528.5  | 523.2  | 548.1  | 611.7  | 640.3  |
| 62.5° | 159.0  | 162.2  | 163.8  | 163.8  | 242.8  | 492.4  | 487.6  | 486.0  | 487.1  | 552.3  | 585.2  |
| 65°   | 142.6  | 150.0  | 153.2  | 155.3  | 155.3  | 255.0  | 445.8  | 443.1  | 439.4  | 464.3  | 529.5  |
| 67.5° | 124.6  | 132.0  | 138.9  | 143.1  | 143.6  | 148.4  | 266.1  | 399.1  | 393.8  | 394.4  | 470.1  |
| 70°   | 106.0  | 112.4  | 119.8  | 126.1  | 132.0  | 134.6  | 138.9  | 331.3  | 348.8  | 341.3  | 402.8  |
| 72.5° | 91.7   | 94.3   | 99.6   | 106.0  | 112.9  | 119.3  | 123.0  | 132.0  | 302.7  | 294.7  | 306.4  |
| 75°   | 76.3   | 78.4   | 82.2   | 86.4   | 91.7   | 99.1   | 105.5  | 111.8  | 160.6  | 247.0  | 245.4  |
| 77.5° | 59.4   | 63.1   | 67.3   | 70.0   | 72.6   | 77.9   | 86.4   | 92.8   | 99.1   | 167.0  | 196.6  |
| 80°   | 45.6   | 48.2   | 50.4   | 53.0   | 56.2   | 59.9   | 63.1   | 70.5   | 77.9   | 83.7   | 150.5  |
| 82.5° | 33.9   | 35.5   | 37.1   | 38.2   | 39.2   | 41.3   | 47.2   | 49.8   | 54.6   | 59.9   | 71.0   |
| 85°   | 23.9   | 24.9   | 26.0   | 26.5   | 27.0   | 27.6   | 29.7   | 30.2   | 35.0   | 36.0   | 42.9   |
| 87.5° | 15.4   | 15.9   | 17.0   | 17.5   | 17.5   | 18.0   | 18.6   | 18.6   | 18.6   | 17.5   | 21.2   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1213685

CATALOG NUMBER: 2SNLED-LD5-25SL-RW-UNV-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 357.5° | 360°   |
|-------|--------|--------|
| 0°    | 1156.6 | 1156.6 |
| 2.5°  | 1157.1 | 1165.6 |
| 5°    | 1155.5 | 1166.6 |
| 7.5°  | 1151.3 | 1161.9 |
| 10°   | 1144.9 | 1157.6 |
| 12.5° | 1138.0 | 1150.2 |
| 15°   | 1132.2 | 1141.2 |
| 17.5° | 1125.8 | 1131.1 |
| 20°   | 1117.3 | 1121.6 |
| 22.5° | 1108.8 | 1106.7 |
| 25°   | 1099.3 | 1094.5 |
| 27.5° | 1087.1 | 1078.1 |
| 30°   | 1076.0 | 1060.1 |
| 32.5° | 1065.4 | 1039.4 |
| 35°   | 1051.1 | 1018.2 |
| 37.5° | 1036.2 | 996.5  |
| 40°   | 1018.7 | 971.6  |
| 42.5° | 1000.2 | 946.7  |
| 45°   | 976.9  | 922.8  |
| 47.5° | 956.2  | 894.2  |
| 50°   | 927.6  | 863.4  |
| 52.5° | 892.6  | 834.8  |
| 55°   | 851.2  | 799.8  |
| 57.5° | 806.7  | 763.3  |
| 60°   | 759.0  | 721.4  |
| 62.5° | 701.2  | 677.9  |
| 65°   | 633.4  | 628.1  |
| 67.5° | 544.9  | 573.0  |
| 70°   | 446.8  | 509.9  |
| 72.5° | 373.7  | 443.1  |
| 75°   | 306.4  | 368.4  |
| 77.5° | 242.8  | 288.9  |
| 80°   | 151.6  | 211.5  |
| 82.5° | 101.8  | 138.9  |
| 85°   | 61.5   | 66.3   |
| 87.5° | 23.9   | 24.4   |
| 90°   | 0.0    | 0.0    |

(END OF REPORT)