

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: P1213342

Luminaire Tested: 2SNLED-LD5-30HL-RW-UNV-L935-CD1-U

Issue Date: 3/29/2018

**Test Information**

Test Method: LM-79-2019  
Report Number: P1213342  
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-LD5-30HL-RW-UNV-L935-CD1-U  
Description: 2FT LINEAR SNLED LED FIXTURE  
WHITE REFLECTOR  
Light Source: -  
Ballast/Driver: -

**Summary**

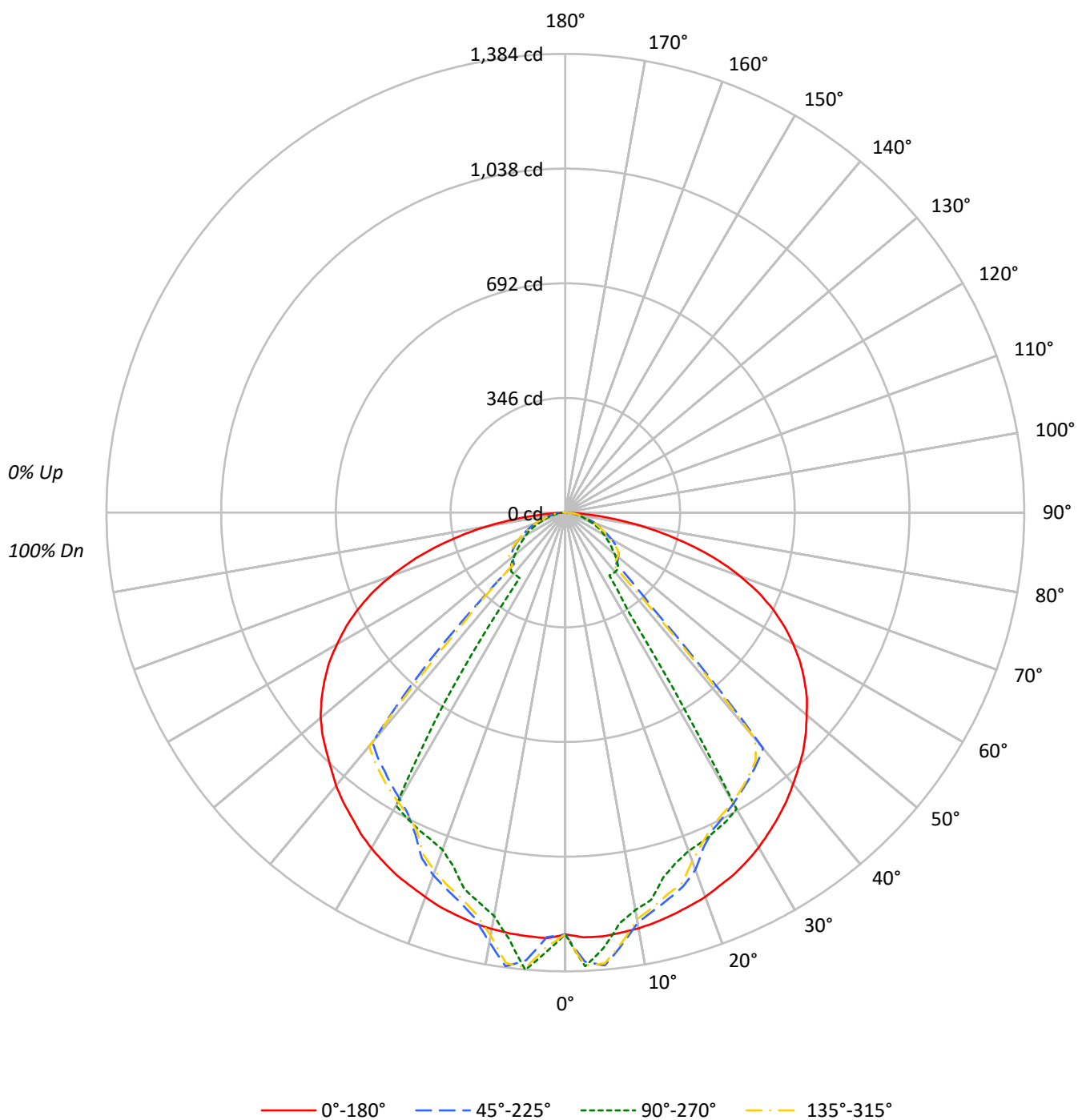
Lumens per Lamp: N/A  
Luminaire Lumens: 2548.0 lumens  
Efficiency: N/A  
Efficacy: 94.4 lumens/watt  
Spacing Criteria (0/90/45): 1.36 / 1.16 / 1.2  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 2' x H: 0.12')  
CIE Type: Direct

Input Watts (W): 27  
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: P1213342

CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L935-CD1-U

### Luminous Intensity Polar Plot



TEST NUMBER: P1213342

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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  | 50  | 30 | 10 |
| 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°  | 20565 | 20565 | 20565 | 20565 |
| 5°  | 20710 | 20720 | 20700 | 21746 |
| 10° | 20674 | 18733 | 20701 | 19021 |
| 15° | 20661 | 17331 | 20709 | 17882 |
| 20° | 20750 | 16439 | 20750 | 16377 |
| 25° | 20866 | 16125 | 20896 | 15975 |
| 30° | 21008 | 15840 | 21060 | 15653 |
| 35° | 21175 | 3608  | 21219 | 3762  |
| 40° | 21428 | 3751  | 21556 | 3873  |
| 45° | 21839 | 3731  | 21914 | 3867  |
| 50° | 22228 | 3374  | 22530 | 3464  |
| 55° | 22764 | 2996  | 22945 | 3038  |
| 60° | 23147 | 2662  | 23199 | 2695  |
| 65° | 23302 | 2322  | 23245 | 2286  |
| 70° | 22625 | 1873  | 22552 | 1805  |
| 75° | 20522 | 1441  | 20669 | 1381  |
| 80° | 15990 | 1023  | 16629 | 937   |
| 85° | 7885  | 613   | 8329  | 470   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 2.5°

Vertical Angle: 57.5°

Luminance: 23821 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 125.2  | 4.9       |
| 10°-20°   | 344.2  | 13.5      |
| 20°-30°   | 509.8  | 20.0      |
| 30°-40°   | 513.7  | 20.2      |
| 40°-50°   | 401.3  | 15.7      |
| 50°-60°   | 310.0  | 12.2      |
| 60°-70°   | 208.1  | 8.2       |
| 70°-80°   | 106.2  | 4.2       |
| 80°-90°   | 29.5   | 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       |
| 0°-30°    | 979.2  | 38.4      |
| 0°-40°    | 1493.0 | 58.6      |
| 0°-60°    | 2204.2 | 86.5      |
| 0°-90°    | 2548.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 2548.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1272 | 1272 | 1272 | 1272 | 1272 |      |
| 5°  | 1284 | 1319 | 1283 | 1384 | 1284 | 122  |
| 15° | 1256 | 1140 | 1258 | 1176 | 1256 | 355  |
| 25° | 1204 | 1062 | 1206 | 1053 | 1204 | 555  |
| 35° | 1120 | 231  | 1122 | 241  | 1120 | 702  |
| 45° | 1015 | 224  | 1019 | 233  | 1015 | 783  |
| 55° | 880  | 163  | 887  | 166  | 880  | 786  |
| 65° | 691  | 110  | 689  | 108  | 691  | 680  |
| 75° | 405  | 55   | 408  | 53   | 405  | 424  |
| 85° | 73   | 18   | 77   | 13   | 73   | 100  |
| 90° | 0    | 0    | 0    | 0    | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5°  | 15°    | 17.5°  | 20°    | 22.5°  | 25°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 |
| 2.5°  | 1282.3 | 1287.0 | 1290.5 | 1292.8 | 1294.0 | 1294.0 | 1294.6 | 1295.1 | 1302.7 | 1306.2 | 1308.6 |
| 5°    | 1283.5 | 1288.2 | 1295.1 | 1304.5 | 1312.6 | 1319.6 | 1325.5 | 1333.6 | 1341.8 | 1350.5 | 1353.5 |
| 7.5°  | 1278.2 | 1284.1 | 1298.1 | 1315.0 | 1330.7 | 1341.8 | 1349.4 | 1354.6 | 1358.7 | 1359.3 | 1362.2 |
| 10°   | 1273.6 | 1284.1 | 1303.3 | 1325.5 | 1345.3 | 1358.7 | 1358.7 | 1355.8 | 1359.9 | 1344.1 | 1328.4 |
| 12.5° | 1265.4 | 1277.1 | 1303.3 | 1332.5 | 1351.1 | 1356.4 | 1354.0 | 1342.4 | 1318.5 | 1299.2 | 1290.5 |
| 15°   | 1255.5 | 1271.2 | 1303.9 | 1336.6 | 1352.3 | 1354.0 | 1331.9 | 1302.1 | 1284.1 | 1272.4 | 1257.8 |
| 17.5° | 1244.4 | 1265.4 | 1304.5 | 1337.1 | 1343.0 | 1334.8 | 1292.8 | 1274.2 | 1255.5 | 1228.1 | 1208.3 |
| 20°   | 1233.9 | 1254.3 | 1299.8 | 1329.0 | 1332.5 | 1295.7 | 1263.1 | 1243.2 | 1211.8 | 1187.9 | 1179.1 |
| 22.5° | 1217.6 | 1241.5 | 1295.7 | 1317.9 | 1304.5 | 1261.9 | 1230.4 | 1198.9 | 1170.4 | 1163.4 | 1152.9 |
| 25°   | 1204.2 | 1229.3 | 1286.4 | 1304.5 | 1268.9 | 1231.0 | 1194.3 | 1157.5 | 1144.1 | 1134.2 | 1124.9 |
| 27.5° | 1186.1 | 1217.0 | 1274.2 | 1280.0 | 1231.0 | 1197.8 | 1144.1 | 1127.8 | 1115.5 | 1104.5 | 1100.4 |
| 30°   | 1166.3 | 1204.2 | 1257.2 | 1246.2 | 1199.5 | 1150.5 | 1110.9 | 1095.7 | 1087.0 | 1075.3 | 1070.6 |
| 32.5° | 1143.5 | 1184.9 | 1238.6 | 1207.1 | 1165.7 | 1104.5 | 1078.8 | 1067.1 | 1055.5 | 1046.7 | 1017.6 |
| 35°   | 1120.2 | 1168.0 | 1216.4 | 1169.8 | 1124.9 | 1069.5 | 1046.7 | 1036.2 | 1025.2 | 993.1  | 962.8  |
| 37.5° | 1096.3 | 1149.4 | 1189.6 | 1129.5 | 1070.6 | 1033.3 | 1014.1 | 1002.4 | 977.3  | 936.5  | 921.4  |
| 40°   | 1068.9 | 1126.6 | 1155.2 | 1088.1 | 1023.4 | 996.6  | 978.5  | 966.8  | 910.3  | 892.2  | 887.5  |
| 42.5° | 1041.5 | 1104.5 | 1113.2 | 1047.9 | 984.3  | 957.5  | 942.3  | 903.9  | 865.4  | 856.0  | 857.8  |
| 45°   | 1015.2 | 1080.6 | 1067.1 | 990.8  | 943.5  | 921.4  | 895.7  | 842.6  | 822.2  | 826.9  | 828.1  |
| 47.5° | 983.8  | 1052.0 | 1018.7 | 933.6  | 901.5  | 879.4  | 822.2  | 790.2  | 787.2  | 793.6  | 797.1  |
| 50°   | 949.9  | 1019.9 | 967.4  | 881.7  | 856.0  | 829.8  | 765.1  | 748.7  | 752.2  | 758.7  | 762.7  |
| 52.5° | 918.4  | 983.8  | 914.4  | 833.3  | 811.1  | 751.1  | 707.3  | 710.3  | 716.1  | 723.7  | 726.0  |
| 55°   | 880.0  | 940.0  | 857.8  | 784.3  | 763.3  | 684.6  | 664.8  | 671.8  | 677.6  | 684.0  | 688.7  |
| 57.5° | 839.7  | 889.9  | 790.7  | 729.5  | 695.7  | 625.7  | 627.5  | 632.1  | 636.2  | 643.8  | 265.9  |
| 60°   | 793.6  | 832.7  | 717.3  | 678.8  | 611.7  | 579.1  | 580.8  | 589.0  | 593.1  | 331.2  | 183.1  |
| 62.5° | 745.8  | 766.2  | 650.8  | 621.0  | 534.7  | 532.4  | 540.6  | 544.1  | 370.3  | 174.9  | 171.4  |
| 65°   | 691.0  | 686.9  | 585.5  | 538.2  | 482.3  | 484.6  | 493.3  | 475.8  | 163.9  | 163.9  | 162.7  |
| 67.5° | 630.4  | 605.9  | 521.9  | 445.5  | 431.5  | 436.8  | 446.1  | 155.7  | 151.6  | 152.8  | 148.7  |
| 70°   | 561.0  | 526.6  | 456.0  | 377.3  | 382.0  | 387.2  | 150.4  | 141.1  | 139.4  | 136.5  | 128.3  |
| 72.5° | 487.5  | 440.3  | 373.2  | 327.7  | 330.6  | 207.6  | 131.8  | 127.1  | 121.3  | 115.5  | 106.7  |
| 75°   | 405.3  | 344.1  | 274.1  | 274.1  | 278.2  | 118.4  | 114.9  | 107.3  | 100.9  | 93.3   | 88.1   |
| 77.5° | 317.8  | 264.7  | 212.8  | 221.0  | 107.9  | 99.1   | 92.7   | 84.6   | 79.3   | 74.6   | 71.7   |
| 80°   | 232.7  | 184.9  | 160.4  | 143.5  | 84.0   | 75.2   | 68.8   | 64.1   | 61.8   | 58.9   | 55.4   |
| 82.5° | 152.8  | 111.4  | 111.4  | 67.6   | 58.9   | 51.9   | 50.1   | 46.7   | 44.3   | 42.6   | 40.8   |
| 85°   | 72.9   | 64.7   | 49.0   | 41.4   | 36.7   | 33.2   | 32.1   | 30.3   | 30.3   | 29.7   | 29.2   |
| 87.5° | 26.8   | 29.2   | 21.6   | 21.0   | 19.8   | 19.2   | 19.8   | 19.8   | 20.4   | 19.8   | 19.2   |
| 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):**

|       | 27.5°  | 30°    | 32.5°  | 35°    | 37.5°  | 40°    | 42.5°  | 45°    | 47.5°  | 50°    | 52.5°  |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 |
| 2.5°  | 1314.4 | 1319.1 | 1322.6 | 1328.4 | 1336.0 | 1342.4 | 1348.2 | 1356.4 | 1369.2 | 1372.7 | 1375.6 |
| 5°    | 1353.5 | 1355.2 | 1359.3 | 1364.0 | 1365.1 | 1368.0 | 1367.5 | 1371.0 | 1372.7 | 1376.8 | 1368.0 |
| 7.5°  | 1355.8 | 1346.5 | 1335.4 | 1325.5 | 1318.5 | 1312.1 | 1308.0 | 1314.4 | 1317.9 | 1320.8 | 1312.1 |
| 10°   | 1306.8 | 1295.7 | 1289.3 | 1283.5 | 1276.5 | 1266.6 | 1253.2 | 1256.1 | 1254.9 | 1254.9 | 1252.0 |
| 12.5° | 1275.9 | 1260.2 | 1243.8 | 1229.3 | 1222.8 | 1222.3 | 1222.8 | 1229.3 | 1229.3 | 1228.7 | 1225.2 |
| 15°   | 1227.5 | 1212.3 | 1204.2 | 1200.7 | 1200.7 | 1198.9 | 1198.9 | 1205.9 | 1204.2 | 1204.2 | 1202.4 |
| 17.5° | 1195.4 | 1184.9 | 1179.1 | 1175.0 | 1173.3 | 1176.2 | 1179.7 | 1182.6 | 1183.2 | 1180.9 | 1171.5 |
| 20°   | 1169.2 | 1159.3 | 1152.3 | 1153.4 | 1152.9 | 1154.6 | 1156.4 | 1146.4 | 1134.2 | 1117.9 | 1110.3 |
| 22.5° | 1141.8 | 1134.2 | 1129.0 | 1129.0 | 1122.0 | 1110.9 | 1094.5 | 1091.0 | 1089.3 | 1081.7 | 1075.3 |
| 25°   | 1115.5 | 1106.8 | 1099.2 | 1075.9 | 1061.3 | 1063.1 | 1060.1 | 1054.3 | 1053.7 | 1053.1 | 1055.5 |
| 27.5° | 1089.3 | 1066.6 | 1037.4 | 1033.9 | 1028.1 | 1027.5 | 1031.0 | 1033.9 | 1033.9 | 1036.2 | 1039.2 |
| 30°   | 1035.1 | 1008.8 | 1003.6 | 997.2  | 999.5  | 1007.7 | 1009.4 | 1013.5 | 1014.7 | 1018.7 | 1021.1 |
| 32.5° | 985.5  | 973.8  | 969.2  | 972.1  | 979.7  | 986.7  | 990.8  | 992.5  | 995.4  | 998.9  | 1001.8 |
| 35°   | 945.3  | 941.8  | 945.8  | 952.3  | 959.8  | 965.7  | 969.2  | 972.7  | 975.6  | 978.5  | 980.8  |
| 37.5° | 915.5  | 917.9  | 923.7  | 931.9  | 939.4  | 944.1  | 947.0  | 951.1  | 955.2  | 958.7  | 944.7  |
| 40°   | 887.5  | 893.4  | 899.8  | 908.5  | 914.9  | 919.6  | 922.5  | 927.8  | 892.8  | 404.1  | 221.6  |
| 42.5° | 863.0  | 869.5  | 874.1  | 881.1  | 888.1  | 891.6  | 866.0  | 386.6  | 218.7  | 217.5  | 220.4  |
| 45°   | 833.3  | 838.6  | 846.1  | 851.4  | 857.8  | 563.3  | 215.2  | 217.5  | 214.0  | 216.3  | 217.5  |
| 47.5° | 803.0  | 811.1  | 815.2  | 777.9  | 231.5  | 214.0  | 211.7  | 214.0  | 211.7  | 214.6  | 212.8  |
| 50°   | 768.6  | 778.5  | 554.0  | 209.3  | 207.6  | 206.4  | 208.8  | 207.6  | 209.3  | 211.7  | 207.0  |
| 52.5° | 733.6  | 454.3  | 202.9  | 201.8  | 202.9  | 201.8  | 205.8  | 202.9  | 203.5  | 201.2  | 195.4  |
| 55°   | 248.4  | 196.5  | 194.8  | 194.2  | 197.7  | 197.7  | 197.7  | 193.0  | 190.1  | 184.3  | 180.2  |
| 57.5° | 190.1  | 190.1  | 189.5  | 190.1  | 188.9  | 187.8  | 182.5  | 178.4  | 174.4  | 166.2  | 163.9  |
| 60°   | 180.2  | 180.2  | 180.2  | 180.2  | 174.9  | 172.6  | 164.4  | 160.9  | 153.9  | 149.9  | 147.5  |
| 62.5° | 172.0  | 170.9  | 165.6  | 163.9  | 158.0  | 151.6  | 147.0  | 143.5  | 136.5  | 134.1  | 132.4  |
| 65°   | 160.4  | 156.3  | 149.9  | 142.9  | 140.0  | 133.0  | 130.6  | 125.4  | 121.9  | 120.1  | 119.0  |
| 67.5° | 141.1  | 135.3  | 130.0  | 125.4  | 120.1  | 117.8  | 114.9  | 110.8  | 108.5  | 107.3  | 106.1  |
| 70°   | 120.7  | 116.6  | 111.4  | 108.5  | 105.0  | 103.2  | 99.1   | 98.0   | 96.2   | 94.5   | 92.7   |
| 72.5° | 100.9  | 98.6   | 96.2   | 92.1   | 91.0   | 89.8   | 85.7   | 83.4   | 81.1   | 78.7   | 77.6   |
| 75°   | 84.6   | 82.8   | 81.6   | 78.1   | 76.4   | 72.9   | 70.0   | 68.2   | 66.5   | 64.7   | 63.6   |
| 77.5° | 69.4   | 68.2   | 64.7   | 62.4   | 61.2   | 58.3   | 57.1   | 57.7   | 56.6   | 54.2   | 53.1   |
| 80°   | 54.2   | 53.1   | 50.1   | 50.1   | 49.0   | 47.8   | 46.7   | 45.5   | 44.3   | 42.6   | 41.4   |
| 82.5° | 41.4   | 40.2   | 39.1   | 37.9   | 36.7   | 36.2   | 35.6   | 34.4   | 33.2   | 32.1   | 31.5   |
| 85°   | 29.2   | 28.6   | 28.0   | 27.4   | 26.8   | 26.2   | 25.7   | 24.5   | 23.3   | 22.7   | 22.2   |
| 87.5° | 19.8   | 19.2   | 18.7   | 18.1   | 17.5   | 16.9   | 16.3   | 15.7   | 14.6   | 14.0   | 13.4   |
| 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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CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 57.5°  | 60°    | 62.5°  | 65°    | 67.5°  | 70°    | 72.5°  | 75°    | 77.5°  | 80°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 |
| 2.5°  | 1375.6 | 1378.5 | 1375.6 | 1369.2 | 1365.1 | 1363.4 | 1366.9 | 1366.9 | 1369.2 | 1372.1 | 1372.7 |
| 5°    | 1354.0 | 1347.0 | 1338.9 | 1330.7 | 1326.6 | 1324.3 | 1317.9 | 1319.1 | 1320.8 | 1322.0 | 1323.1 |
| 7.5°  | 1300.4 | 1291.1 | 1280.0 | 1269.5 | 1265.4 | 1261.9 | 1254.3 | 1254.3 | 1254.3 | 1254.9 | 1258.4 |
| 10°   | 1245.6 | 1241.5 | 1236.8 | 1229.8 | 1224.6 | 1222.8 | 1216.4 | 1218.2 | 1217.0 | 1218.8 | 1222.8 |
| 12.5° | 1219.9 | 1215.3 | 1211.2 | 1204.2 | 1198.3 | 1196.0 | 1193.1 | 1194.8 | 1194.3 | 1197.2 | 1200.7 |
| 15°   | 1196.6 | 1194.3 | 1189.6 | 1184.4 | 1179.1 | 1174.4 | 1163.9 | 1160.4 | 1158.1 | 1155.2 | 1159.3 |
| 17.5° | 1158.1 | 1141.8 | 1130.7 | 1122.5 | 1116.7 | 1112.6 | 1109.7 | 1109.7 | 1111.5 | 1113.2 | 1116.7 |
| 20°   | 1105.6 | 1101.0 | 1095.7 | 1087.0 | 1081.1 | 1078.8 | 1077.1 | 1077.1 | 1080.0 | 1082.3 | 1088.7 |
| 22.5° | 1069.5 | 1068.9 | 1067.1 | 1063.1 | 1060.1 | 1060.1 | 1060.7 | 1061.9 | 1066.0 | 1069.5 | 1075.9 |
| 25°   | 1052.6 | 1054.9 | 1053.7 | 1051.4 | 1049.6 | 1050.2 | 1049.1 | 1050.2 | 1054.3 | 1057.8 | 1063.1 |
| 27.5° | 1039.2 | 1042.6 | 1041.5 | 1038.0 | 1035.1 | 1036.2 | 1038.0 | 1036.8 | 1040.3 | 1044.4 | 1048.5 |
| 30°   | 1021.1 | 1021.7 | 1024.0 | 1019.9 | 1018.7 | 1020.5 | 1021.1 | 1022.2 | 1025.7 | 1028.7 | 1032.2 |
| 32.5° | 1000.7 | 1005.3 | 1004.7 | 1000.7 | 1000.7 | 1002.4 | 1003.0 | 963.9  | 891.0  | 767.4  | 733.6  |
| 35°   | 980.8  | 986.1  | 977.3  | 824.0  | 570.3  | 304.4  | 235.0  | 226.8  | 228.6  | 229.8  | 230.9  |
| 37.5° | 725.4  | 344.1  | 219.3  | 221.0  | 222.8  | 224.5  | 226.3  | 228.0  | 229.8  | 231.5  | 232.1  |
| 40°   | 218.1  | 217.5  | 219.3  | 221.6  | 223.3  | 224.5  | 226.8  | 228.6  | 230.3  | 232.1  | 232.7  |
| 42.5° | 215.8  | 216.9  | 218.7  | 221.0  | 223.3  | 225.7  | 227.4  | 229.8  | 230.9  | 232.1  | 232.7  |
| 45°   | 214.6  | 216.9  | 219.3  | 221.0  | 222.8  | 223.9  | 225.1  | 225.7  | 225.1  | 225.1  | 226.3  |
| 47.5° | 212.8  | 215.2  | 215.8  | 215.2  | 215.8  | 215.2  | 215.2  | 215.2  | 213.4  | 212.8  | 212.8  |
| 50°   | 206.4  | 206.4  | 205.3  | 202.9  | 202.3  | 201.8  | 200.6  | 200.0  | 197.7  | 197.1  | 197.1  |
| 52.5° | 193.0  | 192.4  | 190.7  | 187.8  | 186.6  | 185.4  | 184.9  | 184.3  | 181.9  | 180.8  | 181.4  |
| 55°   | 177.3  | 176.1  | 174.4  | 170.9  | 170.3  | 169.1  | 168.5  | 167.9  | 165.6  | 166.8  | 165.0  |
| 57.5° | 162.7  | 160.4  | 158.0  | 157.4  | 155.1  | 154.5  | 153.9  | 153.4  | 151.6  | 152.2  | 151.0  |
| 60°   | 145.2  | 144.6  | 143.5  | 141.1  | 141.1  | 140.5  | 140.5  | 139.4  | 138.2  | 137.6  | 137.6  |
| 62.5° | 132.4  | 130.6  | 129.5  | 129.5  | 127.7  | 127.7  | 127.7  | 126.5  | 125.4  | 126.0  | 125.4  |
| 65°   | 118.4  | 117.8  | 117.2  | 116.0  | 116.0  | 115.5  | 115.5  | 114.3  | 112.5  | 113.1  | 112.0  |
| 67.5° | 106.7  | 105.5  | 104.4  | 103.8  | 101.5  | 100.3  | 99.7   | 99.1   | 96.8   | 97.4   | 96.2   |
| 70°   | 92.1   | 90.4   | 89.2   | 88.1   | 86.3   | 85.1   | 85.1   | 84.0   | 82.2   | 82.8   | 81.6   |
| 72.5° | 77.0   | 75.8   | 74.6   | 74.1   | 72.3   | 71.7   | 71.1   | 70.6   | 68.8   | 69.4   | 68.8   |
| 75°   | 64.1   | 64.1   | 63.6   | 63.0   | 61.2   | 59.5   | 58.3   | 57.7   | 56.6   | 57.1   | 56.0   |
| 77.5° | 53.1   | 51.9   | 50.7   | 50.7   | 49.0   | 47.8   | 46.7   | 46.7   | 46.7   | 46.1   | 45.5   |
| 80°   | 41.4   | 40.2   | 40.2   | 39.7   | 38.5   | 37.3   | 36.7   | 36.7   | 36.2   | 36.2   | 35.6   |
| 82.5° | 31.5   | 30.3   | 29.7   | 29.7   | 28.6   | 28.0   | 27.4   | 26.8   | 26.8   | 26.8   | 26.2   |
| 85°   | 22.2   | 21.0   | 20.4   | 20.4   | 19.2   | 18.7   | 18.7   | 18.1   | 18.1   | 17.5   | 17.5   |
| 87.5° | 13.4   | 12.8   | 12.2   | 12.2   | 11.1   | 10.5   | 10.5   | 10.5   | 9.9    | 9.9    | 9.3    |
| 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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CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 82.5°  | 85°    | 87.5°  | 90°    | 92.5°  | 95°    | 97.5°  | 100°   | 102.5° | 105°   | 107.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 |
| 2.5°  | 1372.7 | 1372.7 | 1368.6 | 1369.8 | 1368.0 | 1370.4 | 1367.5 | 1367.5 | 1371.0 | 1371.0 | 1373.3 |
| 5°    | 1323.7 | 1320.8 | 1320.2 | 1319.1 | 1313.2 | 1315.6 | 1312.6 | 1309.7 | 1313.8 | 1313.8 | 1319.1 |
| 7.5°  | 1256.7 | 1251.4 | 1253.7 | 1250.2 | 1246.7 | 1241.5 | 1243.2 | 1240.9 | 1243.8 | 1247.9 | 1253.2 |
| 10°   | 1222.3 | 1217.6 | 1220.5 | 1217.0 | 1218.8 | 1211.2 | 1211.8 | 1212.3 | 1215.3 | 1216.4 | 1221.1 |
| 12.5° | 1200.1 | 1198.9 | 1197.8 | 1196.6 | 1197.8 | 1193.7 | 1191.3 | 1191.9 | 1193.1 | 1193.7 | 1197.2 |
| 15°   | 1153.4 | 1145.9 | 1148.2 | 1140.0 | 1140.6 | 1141.2 | 1136.5 | 1141.2 | 1140.6 | 1148.2 | 1155.2 |
| 17.5° | 1115.5 | 1115.5 | 1111.5 | 1108.0 | 1105.6 | 1105.0 | 1101.5 | 1103.9 | 1101.5 | 1106.2 | 1108.0 |
| 20°   | 1089.3 | 1088.7 | 1088.1 | 1086.4 | 1080.6 | 1081.1 | 1082.9 | 1077.6 | 1077.1 | 1076.5 | 1080.0 |
| 22.5° | 1077.1 | 1077.6 | 1075.3 | 1075.3 | 1070.1 | 1071.2 | 1071.8 | 1066.0 | 1066.6 | 1064.8 | 1066.6 |
| 25°   | 1064.2 | 1065.4 | 1062.5 | 1062.5 | 1061.3 | 1060.7 | 1057.8 | 1059.0 | 1055.5 | 1052.6 | 1055.5 |
| 27.5° | 1049.1 | 1051.4 | 1049.1 | 1050.2 | 1047.9 | 1046.7 | 1045.0 | 1043.8 | 1040.3 | 1039.7 | 1041.5 |
| 30°   | 1035.1 | 1036.2 | 1035.7 | 1032.7 | 1032.2 | 1028.7 | 1030.4 | 1026.9 | 1023.4 | 1024.0 | 1025.2 |
| 32.5° | 530.7  | 506.7  | 390.7  | 352.8  | 349.3  | 362.1  | 429.2  | 522.5  | 677.0  | 826.9  | 934.8  |
| 35°   | 231.5  | 231.5  | 231.5  | 230.9  | 230.9  | 230.3  | 229.8  | 229.2  | 228.6  | 228.0  | 227.4  |
| 37.5° | 232.7  | 232.7  | 232.7  | 232.7  | 232.1  | 231.5  | 231.5  | 230.3  | 229.8  | 229.2  | 228.6  |
| 40°   | 233.3  | 233.8  | 233.8  | 233.8  | 233.3  | 233.3  | 232.7  | 231.5  | 230.9  | 229.8  | 228.6  |
| 42.5° | 232.7  | 233.3  | 233.3  | 232.7  | 232.7  | 232.1  | 232.1  | 231.5  | 230.9  | 230.3  | 229.8  |
| 45°   | 225.1  | 225.7  | 224.5  | 224.5  | 223.9  | 223.9  | 223.9  | 223.9  | 223.9  | 224.5  | 224.5  |
| 47.5° | 211.7  | 211.7  | 211.1  | 210.5  | 210.5  | 209.9  | 210.5  | 209.9  | 211.1  | 211.7  | 212.8  |
| 50°   | 195.9  | 195.9  | 194.8  | 194.2  | 194.2  | 194.2  | 194.2  | 194.8  | 195.4  | 196.5  | 197.7  |
| 52.5° | 179.6  | 179.6  | 179.0  | 178.4  | 177.9  | 177.9  | 179.6  | 179.0  | 179.6  | 180.2  | 181.9  |
| 55°   | 163.9  | 164.4  | 163.3  | 163.3  | 162.7  | 162.7  | 162.7  | 163.3  | 163.9  | 164.4  | 166.2  |
| 57.5° | 150.4  | 150.4  | 149.3  | 149.3  | 149.3  | 148.7  | 150.4  | 149.3  | 149.9  | 150.4  | 151.6  |
| 60°   | 137.0  | 136.5  | 136.5  | 135.9  | 135.9  | 135.9  | 137.0  | 136.5  | 136.5  | 137.0  | 138.2  |
| 62.5° | 124.8  | 124.8  | 124.2  | 124.2  | 123.6  | 123.6  | 124.8  | 124.2  | 124.2  | 124.8  | 125.4  |
| 65°   | 110.8  | 110.8  | 110.2  | 109.6  | 111.4  | 109.6  | 111.4  | 110.2  | 111.4  | 112.0  | 113.1  |
| 67.5° | 95.1   | 95.1   | 95.1   | 94.5   | 94.5   | 95.6   | 96.2   | 95.1   | 95.6   | 96.8   | 97.4   |
| 70°   | 81.1   | 81.1   | 80.5   | 80.5   | 80.5   | 81.6   | 82.2   | 81.1   | 81.6   | 82.2   | 83.4   |
| 72.5° | 68.8   | 67.6   | 67.6   | 67.1   | 68.2   | 68.2   | 68.8   | 68.2   | 68.8   | 68.8   | 70.0   |
| 75°   | 56.6   | 55.4   | 55.4   | 55.4   | 56.6   | 56.0   | 56.6   | 56.0   | 56.6   | 56.6   | 57.1   |
| 77.5° | 45.5   | 44.9   | 44.3   | 44.3   | 45.5   | 45.5   | 45.5   | 44.9   | 45.5   | 46.1   | 46.7   |
| 80°   | 35.6   | 35.0   | 34.4   | 34.4   | 35.6   | 35.6   | 35.6   | 36.2   | 35.6   | 36.2   | 36.7   |
| 82.5° | 26.2   | 25.7   | 25.1   | 26.2   | 26.2   | 26.2   | 26.2   | 26.8   | 26.2   | 26.8   | 27.4   |
| 85°   | 17.5   | 16.9   | 16.3   | 17.5   | 17.5   | 17.5   | 17.5   | 18.1   | 17.5   | 18.1   | 18.7   |
| 87.5° | 9.3    | 8.7    | 8.7    | 9.3    | 9.3    | 9.3    | 9.9    | 9.9    | 9.9    | 10.5   | 10.5   |
| 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):**

|       | 110°   | 112.5° | 115°   | 117.5° | 120°   | 122.5° | 125°   | 127.5° | 130°   | 132.5° | 135°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 |
| 2.5°  | 1376.8 | 1378.5 | 1378.0 | 1374.5 | 1371.0 | 1366.9 | 1364.0 | 1364.5 | 1370.4 | 1372.1 | 1366.9 |
| 5°    | 1319.1 | 1330.1 | 1330.1 | 1337.7 | 1333.6 | 1330.1 | 1332.5 | 1345.3 | 1351.7 | 1361.6 | 1365.1 |
| 7.5°  | 1259.6 | 1264.8 | 1264.2 | 1271.8 | 1270.7 | 1270.7 | 1272.4 | 1289.3 | 1297.5 | 1305.6 | 1308.0 |
| 10°   | 1226.3 | 1231.6 | 1231.0 | 1231.6 | 1229.8 | 1225.8 | 1225.8 | 1233.3 | 1240.3 | 1244.4 | 1245.6 |
| 12.5° | 1202.4 | 1205.3 | 1204.8 | 1204.8 | 1203.6 | 1200.1 | 1199.5 | 1205.9 | 1213.5 | 1218.8 | 1219.3 |
| 15°   | 1166.9 | 1175.0 | 1176.8 | 1184.4 | 1182.6 | 1177.9 | 1179.1 | 1184.4 | 1189.0 | 1193.7 | 1191.9 |
| 17.5° | 1113.8 | 1117.9 | 1118.5 | 1121.4 | 1120.2 | 1120.2 | 1127.2 | 1146.4 | 1159.3 | 1170.4 | 1171.5 |
| 20°   | 1083.5 | 1086.4 | 1085.2 | 1091.6 | 1088.7 | 1088.1 | 1089.9 | 1098.0 | 1103.9 | 1109.1 | 1118.5 |
| 22.5° | 1068.9 | 1071.2 | 1069.5 | 1070.1 | 1064.8 | 1060.1 | 1059.0 | 1065.4 | 1071.8 | 1078.8 | 1078.8 |
| 25°   | 1056.6 | 1058.4 | 1057.8 | 1056.6 | 1052.6 | 1046.1 | 1045.0 | 1046.1 | 1048.5 | 1049.1 | 1045.0 |
| 27.5° | 1042.1 | 1043.2 | 1043.2 | 1043.8 | 1038.6 | 1032.7 | 1031.6 | 1030.4 | 1032.7 | 1032.2 | 1025.7 |
| 30°   | 1026.9 | 1025.2 | 1025.7 | 1026.3 | 1021.7 | 1016.4 | 1014.1 | 1013.5 | 1015.8 | 1015.2 | 1008.8 |
| 32.5° | 990.8  | 1004.2 | 1005.3 | 1006.5 | 1002.4 | 997.7  | 995.4  | 993.7  | 994.8  | 994.2  | 988.4  |
| 35°   | 226.8  | 230.9  | 282.8  | 640.3  | 869.5  | 962.8  | 972.7  | 970.3  | 970.9  | 970.9  | 966.3  |
| 37.5° | 227.4  | 226.8  | 226.3  | 224.5  | 222.8  | 221.6  | 383.1  | 817.0  | 946.4  | 947.0  | 942.9  |
| 40°   | 227.4  | 226.8  | 226.3  | 225.1  | 222.8  | 221.0  | 218.1  | 215.8  | 221.0  | 486.3  | 889.9  |
| 42.5° | 228.6  | 227.4  | 226.3  | 225.1  | 222.8  | 220.4  | 218.1  | 215.2  | 216.9  | 215.8  | 212.8  |
| 45°   | 225.1  | 224.5  | 224.5  | 223.9  | 222.8  | 220.4  | 217.5  | 214.0  | 212.3  | 214.0  | 211.1  |
| 47.5° | 214.0  | 214.6  | 216.3  | 216.9  | 216.9  | 217.5  | 215.8  | 213.4  | 210.5  | 212.3  | 208.8  |
| 50°   | 198.8  | 200.0  | 200.6  | 203.5  | 204.7  | 207.0  | 207.6  | 207.6  | 207.0  | 209.3  | 207.0  |
| 52.5° | 182.5  | 183.7  | 186.6  | 187.8  | 188.9  | 192.4  | 193.6  | 195.4  | 196.5  | 200.0  | 202.3  |
| 55°   | 166.8  | 167.4  | 168.5  | 170.9  | 172.6  | 175.5  | 177.3  | 179.0  | 181.9  | 183.7  | 190.7  |
| 57.5° | 152.2  | 152.8  | 155.1  | 155.7  | 156.9  | 159.2  | 160.9  | 163.3  | 165.6  | 166.8  | 174.9  |
| 60°   | 138.2  | 138.8  | 140.5  | 141.1  | 141.7  | 144.0  | 145.8  | 147.5  | 149.3  | 150.4  | 156.3  |
| 62.5° | 126.0  | 126.0  | 127.7  | 127.7  | 128.3  | 130.0  | 131.2  | 132.4  | 134.1  | 134.7  | 137.6  |
| 65°   | 113.7  | 114.3  | 115.5  | 115.5  | 116.0  | 117.2  | 117.8  | 118.4  | 120.1  | 120.1  | 122.5  |
| 67.5° | 98.6   | 99.1   | 100.9  | 102.0  | 102.6  | 105.0  | 105.5  | 106.1  | 107.3  | 107.9  | 109.0  |
| 70°   | 84.0   | 84.6   | 86.3   | 86.9   | 87.5   | 89.2   | 90.4   | 92.1   | 93.9   | 95.6   | 96.8   |
| 72.5° | 70.6   | 71.1   | 72.9   | 72.9   | 74.6   | 75.2   | 76.4   | 77.0   | 78.7   | 79.9   | 81.6   |
| 75°   | 57.7   | 58.3   | 60.1   | 60.1   | 61.8   | 62.4   | 63.0   | 63.6   | 64.7   | 65.9   | 67.1   |
| 77.5° | 47.2   | 47.2   | 49.6   | 50.7   | 51.9   | 51.9   | 52.5   | 52.5   | 52.5   | 53.1   | 54.2   |
| 80°   | 37.3   | 37.3   | 39.1   | 40.2   | 41.4   | 41.4   | 42.0   | 42.6   | 43.2   | 43.2   | 43.7   |
| 82.5° | 28.0   | 28.0   | 29.7   | 30.3   | 31.5   | 31.5   | 31.5   | 32.1   | 32.7   | 32.1   | 33.2   |
| 85°   | 19.2   | 19.2   | 20.4   | 21.0   | 22.2   | 22.2   | 22.2   | 22.7   | 23.3   | 22.7   | 23.3   |
| 87.5° | 11.1   | 11.7   | 12.2   | 12.8   | 13.4   | 14.0   | 14.0   | 14.0   | 14.6   | 14.6   | 15.2   |
| 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):**

|       | 137.5° | 140°   | 142.5° | 145°   | 147.5° | 150°   | 152.5° | 155°   | 157.5° | 160°   | 162.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 |
| 2.5°  | 1361.0 | 1354.0 | 1353.5 | 1345.3 | 1343.0 | 1343.5 | 1337.1 | 1334.8 | 1324.3 | 1322.0 | 1310.9 |
| 5°    | 1366.3 | 1369.8 | 1368.0 | 1367.5 | 1369.2 | 1368.0 | 1363.4 | 1361.0 | 1359.3 | 1354.6 | 1345.3 |
| 7.5°  | 1308.6 | 1310.9 | 1312.6 | 1320.2 | 1326.6 | 1337.7 | 1349.4 | 1357.0 | 1362.8 | 1364.0 | 1356.4 |
| 10°   | 1249.7 | 1260.7 | 1268.3 | 1280.0 | 1289.3 | 1295.7 | 1302.7 | 1309.1 | 1326.1 | 1343.0 | 1352.9 |
| 12.5° | 1219.3 | 1222.3 | 1221.7 | 1228.1 | 1234.5 | 1251.4 | 1267.7 | 1277.1 | 1289.9 | 1297.5 | 1315.6 |
| 15°   | 1193.7 | 1194.3 | 1196.0 | 1200.7 | 1204.2 | 1210.0 | 1217.6 | 1231.6 | 1257.2 | 1268.9 | 1278.8 |
| 17.5° | 1170.4 | 1170.4 | 1171.5 | 1175.6 | 1180.3 | 1185.5 | 1190.2 | 1196.0 | 1208.8 | 1228.1 | 1252.6 |
| 20°   | 1133.0 | 1149.4 | 1151.1 | 1150.5 | 1152.9 | 1162.8 | 1163.9 | 1174.4 | 1180.9 | 1188.4 | 1212.3 |
| 22.5° | 1077.6 | 1087.6 | 1101.5 | 1123.1 | 1131.3 | 1136.0 | 1139.5 | 1144.1 | 1154.0 | 1162.8 | 1172.7 |
| 25°   | 1047.3 | 1053.7 | 1057.8 | 1064.2 | 1081.1 | 1108.5 | 1113.8 | 1119.0 | 1125.5 | 1131.9 | 1144.1 |
| 27.5° | 1020.5 | 1019.9 | 1022.8 | 1028.7 | 1033.3 | 1047.9 | 1073.6 | 1094.0 | 1095.1 | 1104.5 | 1115.0 |
| 30°   | 1001.2 | 997.7  | 993.7  | 992.5  | 998.9  | 1006.5 | 1014.1 | 1046.1 | 1068.3 | 1073.0 | 1084.1 |
| 32.5° | 983.2  | 977.3  | 971.5  | 966.8  | 962.8  | 969.2  | 973.8  | 987.8  | 1016.4 | 1043.2 | 1049.1 |
| 35°   | 961.0  | 955.2  | 948.2  | 942.9  | 936.5  | 935.9  | 935.4  | 948.8  | 958.1  | 990.2  | 1018.2 |
| 37.5° | 938.3  | 931.9  | 926.0  | 920.2  | 913.8  | 909.1  | 906.2  | 909.7  | 918.4  | 932.4  | 979.1  |
| 40°   | 914.4  | 906.8  | 900.9  | 896.3  | 887.5  | 884.0  | 878.2  | 875.9  | 876.5  | 888.7  | 913.2  |
| 42.5° | 546.4  | 871.2  | 874.1  | 868.9  | 861.3  | 856.6  | 850.2  | 847.3  | 841.5  | 847.3  | 861.3  |
| 45°   | 210.5  | 212.8  | 637.4  | 842.1  | 832.7  | 826.9  | 821.1  | 818.1  | 811.7  | 807.1  | 819.9  |
| 47.5° | 206.4  | 208.8  | 204.1  | 289.2  | 794.8  | 796.6  | 789.6  | 786.7  | 780.2  | 776.7  | 773.2  |
| 50°   | 203.5  | 205.3  | 201.8  | 202.9  | 198.8  | 728.3  | 757.5  | 754.0  | 747.0  | 742.9  | 735.9  |
| 52.5° | 200.6  | 200.6  | 198.3  | 195.4  | 194.2  | 194.8  | 612.9  | 720.8  | 712.6  | 708.5  | 699.2  |
| 55°   | 191.3  | 192.4  | 194.8  | 190.1  | 188.9  | 188.4  | 186.6  | 583.7  | 674.7  | 670.0  | 661.9  |
| 57.5° | 177.3  | 179.6  | 186.0  | 184.9  | 184.9  | 180.2  | 179.0  | 179.0  | 541.7  | 631.0  | 622.8  |
| 60°   | 160.9  | 163.3  | 170.3  | 172.6  | 174.4  | 173.2  | 172.0  | 171.4  | 169.1  | 570.9  | 581.4  |
| 62.5° | 144.0  | 146.4  | 148.7  | 156.3  | 158.6  | 161.5  | 165.0  | 163.3  | 160.9  | 160.9  | 537.7  |
| 65°   | 126.0  | 129.5  | 130.6  | 137.6  | 140.5  | 145.8  | 148.7  | 152.8  | 151.6  | 151.0  | 153.9  |
| 67.5° | 110.2  | 114.3  | 114.9  | 117.8  | 123.0  | 125.4  | 128.9  | 136.5  | 140.0  | 141.1  | 142.3  |
| 70°   | 96.8   | 99.1   | 100.9  | 102.0  | 105.5  | 106.1  | 112.5  | 117.8  | 123.0  | 128.9  | 130.6  |
| 72.5° | 83.4   | 85.1   | 88.6   | 87.5   | 88.6   | 91.0   | 94.5   | 98.0   | 103.2  | 111.4  | 116.6  |
| 75°   | 68.2   | 69.4   | 71.7   | 72.9   | 75.2   | 77.0   | 79.3   | 82.2   | 86.9   | 91.0   | 98.0   |
| 77.5° | 54.8   | 55.4   | 57.1   | 57.7   | 60.1   | 61.8   | 65.9   | 67.6   | 70.6   | 73.5   | 77.6   |
| 80°   | 44.3   | 44.3   | 44.9   | 44.9   | 46.7   | 48.4   | 51.3   | 53.1   | 56.6   | 58.9   | 58.9   |
| 82.5° | 33.8   | 33.8   | 35.6   | 35.6   | 36.7   | 36.7   | 38.5   | 38.5   | 40.2   | 41.4   | 42.6   |
| 85°   | 23.9   | 24.5   | 25.7   | 25.1   | 26.2   | 25.7   | 26.8   | 28.0   | 28.6   | 28.0   | 27.4   |
| 87.5° | 15.7   | 15.7   | 16.9   | 16.3   | 16.9   | 16.9   | 18.1   | 18.1   | 18.7   | 18.7   | 18.1   |
| 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: P1213342

CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 167.5° | 170°   | 172.5° | 175°   | 177.5° | 180°   | 182.5° | 185°   | 187.5° | 190°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 |
| 2.5°  | 1306.8 | 1298.1 | 1292.8 | 1286.4 | 1284.7 | 1282.9 | 1285.2 | 1285.2 | 1281.7 | 1278.8 | 1273.6 |
| 5°    | 1337.1 | 1327.8 | 1317.9 | 1307.4 | 1297.5 | 1287.0 | 1282.9 | 1282.3 | 1275.9 | 1272.4 | 1270.7 |
| 7.5°  | 1352.9 | 1348.2 | 1337.1 | 1322.6 | 1307.4 | 1288.7 | 1280.6 | 1275.9 | 1269.5 | 1268.3 | 1268.3 |
| 10°   | 1354.6 | 1349.4 | 1343.5 | 1333.1 | 1315.6 | 1291.1 | 1275.3 | 1266.0 | 1260.2 | 1264.2 | 1271.8 |
| 12.5° | 1337.7 | 1347.6 | 1342.4 | 1335.4 | 1321.4 | 1291.6 | 1268.9 | 1254.9 | 1253.2 | 1263.7 | 1283.5 |
| 15°   | 1294.6 | 1323.7 | 1338.3 | 1331.3 | 1320.2 | 1290.5 | 1258.4 | 1242.1 | 1242.1 | 1263.7 | 1289.3 |
| 17.5° | 1261.9 | 1284.7 | 1320.2 | 1326.1 | 1313.2 | 1288.2 | 1248.5 | 1229.3 | 1234.5 | 1266.0 | 1293.4 |
| 20°   | 1235.1 | 1249.1 | 1283.5 | 1316.1 | 1303.9 | 1282.9 | 1233.9 | 1214.1 | 1224.6 | 1262.5 | 1299.2 |
| 22.5° | 1193.1 | 1221.1 | 1242.1 | 1290.5 | 1294.6 | 1273.0 | 1219.3 | 1195.4 | 1216.4 | 1262.5 | 1296.3 |
| 25°   | 1152.3 | 1186.1 | 1208.3 | 1255.5 | 1280.6 | 1260.7 | 1205.9 | 1175.6 | 1207.7 | 1260.7 | 1294.0 |
| 27.5° | 1123.7 | 1139.5 | 1179.7 | 1213.5 | 1259.6 | 1244.4 | 1187.9 | 1154.0 | 1196.6 | 1251.4 | 1280.6 |
| 30°   | 1093.4 | 1103.9 | 1143.5 | 1175.6 | 1231.6 | 1225.8 | 1169.2 | 1130.1 | 1182.6 | 1242.7 | 1245.6 |
| 32.5° | 1060.1 | 1071.8 | 1092.2 | 1138.9 | 1192.5 | 1208.3 | 1148.2 | 1106.2 | 1167.4 | 1229.3 | 1204.8 |
| 35°   | 1026.3 | 1035.1 | 1051.4 | 1101.5 | 1147.0 | 1182.0 | 1122.5 | 1078.8 | 1156.9 | 1208.8 | 1165.7 |
| 37.5° | 992.5  | 1001.8 | 1015.8 | 1057.8 | 1099.2 | 1157.5 | 1100.4 | 1051.4 | 1137.7 | 1172.7 | 1124.9 |
| 40°   | 960.4  | 965.7  | 980.3  | 1006.5 | 1059.6 | 1132.5 | 1075.3 | 1022.8 | 1117.9 | 1126.6 | 1069.5 |
| 42.5° | 901.5  | 927.8  | 941.2  | 962.2  | 1014.7 | 1098.0 | 1046.1 | 992.5  | 1095.7 | 1080.6 | 1014.1 |
| 45°   | 838.0  | 895.1  | 900.9  | 921.9  | 975.0  | 1061.3 | 1018.7 | 962.8  | 1074.7 | 1040.9 | 961.6  |
| 47.5° | 786.1  | 827.5  | 861.3  | 878.8  | 927.8  | 1018.2 | 993.1  | 937.7  | 1043.2 | 990.8  | 910.3  |
| 50°   | 740.0  | 762.2  | 823.4  | 836.2  | 871.2  | 966.3  | 962.8  | 908.5  | 999.5  | 927.8  | 860.1  |
| 52.5° | 695.1  | 710.8  | 766.2  | 793.6  | 822.2  | 910.3  | 926.6  | 880.0  | 951.7  | 864.8  | 809.4  |
| 55°   | 656.0  | 661.3  | 691.6  | 749.3  | 775.0  | 853.7  | 887.0  | 846.7  | 891.0  | 804.7  | 760.4  |
| 57.5° | 615.8  | 611.1  | 633.3  | 707.3  | 726.0  | 796.0  | 845.0  | 812.9  | 842.1  | 743.5  | 709.7  |
| 60°   | 573.8  | 567.4  | 576.7  | 625.7  | 674.1  | 738.8  | 795.4  | 775.6  | 782.6  | 682.9  | 653.1  |
| 62.5° | 530.1  | 523.7  | 520.7  | 551.6  | 623.4  | 679.9  | 745.2  | 734.2  | 709.7  | 627.5  | 583.1  |
| 65°   | 484.6  | 478.2  | 473.5  | 485.8  | 567.4  | 603.5  | 689.3  | 686.4  | 629.8  | 569.1  | 491.0  |
| 67.5° | 147.5  | 435.0  | 425.1  | 424.5  | 478.2  | 534.2  | 628.6  | 624.0  | 549.3  | 506.7  | 422.8  |
| 70°   | 133.0  | 352.8  | 375.0  | 369.7  | 393.0  | 463.6  | 559.2  | 555.7  | 471.2  | 406.4  | 373.8  |
| 72.5° | 121.9  | 124.8  | 331.2  | 325.4  | 330.6  | 394.2  | 486.9  | 477.6  | 399.4  | 320.7  | 323.1  |
| 75°   | 104.4  | 109.6  | 114.3  | 274.7  | 267.7  | 326.6  | 408.2  | 393.6  | 329.5  | 264.7  | 270.0  |
| 77.5° | 85.1   | 91.6   | 95.1   | 200.0  | 216.3  | 232.7  | 326.0  | 306.7  | 226.8  | 211.7  | 100.9  |
| 80°   | 63.6   | 68.8   | 74.6   | 79.9   | 164.4  | 162.7  | 242.0  | 222.8  | 158.0  | 131.8  | 78.7   |
| 82.5° | 46.7   | 48.4   | 51.9   | 57.7   | 65.3   | 109.0  | 155.7  | 137.0  | 109.6  | 60.1   | 54.2   |
| 85°   | 29.2   | 31.5   | 33.2   | 35.0   | 39.7   | 65.3   | 77.0   | 61.2   | 46.1   | 36.7   | 34.4   |
| 87.5° | 18.7   | 18.7   | 18.1   | 18.7   | 19.2   | 23.3   | 26.2   | 25.1   | 19.8   | 18.7   | 18.7   |
| 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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CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 192.5° | 195°   | 197.5° | 200°   | 202.5° | 205°   | 207.5° | 210°   | 212.5° | 215°   | 217.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 |
| 2.5°  | 1267.7 | 1259.6 | 1259.6 | 1257.2 | 1259.0 | 1259.0 | 1258.4 | 1259.0 | 1263.1 | 1265.4 | 1269.5 |
| 5°    | 1267.2 | 1264.8 | 1270.1 | 1276.5 | 1284.1 | 1293.4 | 1295.7 | 1303.9 | 1311.5 | 1321.4 | 1331.9 |
| 7.5°  | 1274.7 | 1282.9 | 1292.8 | 1303.3 | 1318.5 | 1329.6 | 1339.5 | 1349.4 | 1356.4 | 1365.7 | 1371.5 |
| 10°   | 1285.8 | 1302.1 | 1319.1 | 1332.5 | 1348.8 | 1358.1 | 1364.5 | 1365.7 | 1355.8 | 1340.0 | 1327.2 |
| 12.5° | 1301.6 | 1320.8 | 1336.6 | 1349.4 | 1357.0 | 1353.5 | 1334.8 | 1315.6 | 1304.5 | 1288.2 | 1265.4 |
| 15°   | 1315.0 | 1332.5 | 1348.8 | 1343.5 | 1323.1 | 1303.9 | 1289.3 | 1266.6 | 1244.4 | 1229.3 | 1219.3 |
| 17.5° | 1320.8 | 1337.7 | 1331.9 | 1304.5 | 1285.2 | 1263.1 | 1233.3 | 1215.8 | 1201.3 | 1189.6 | 1183.8 |
| 20°   | 1324.3 | 1321.4 | 1289.9 | 1270.1 | 1232.8 | 1212.3 | 1193.1 | 1176.8 | 1165.7 | 1159.9 | 1158.7 |
| 22.5° | 1315.0 | 1279.4 | 1252.6 | 1217.0 | 1189.6 | 1172.7 | 1157.5 | 1144.1 | 1136.5 | 1131.9 | 1129.0 |
| 25°   | 1284.1 | 1242.7 | 1203.0 | 1175.0 | 1151.7 | 1137.1 | 1125.5 | 1114.4 | 1105.0 | 1102.7 | 1096.9 |
| 27.5° | 1240.9 | 1207.1 | 1154.6 | 1133.0 | 1112.6 | 1105.6 | 1092.8 | 1081.7 | 1073.6 | 1066.6 | 1047.9 |
| 30°   | 1205.3 | 1151.7 | 1113.8 | 1094.0 | 1081.7 | 1073.6 | 1059.0 | 1047.3 | 1033.3 | 1007.7 | 997.2  |
| 32.5° | 1161.6 | 1108.5 | 1072.4 | 1061.3 | 1046.1 | 1039.2 | 1022.8 | 997.2  | 975.6  | 965.1  | 964.5  |
| 35°   | 1105.0 | 1061.3 | 1035.1 | 1025.2 | 1012.9 | 1001.2 | 967.4  | 944.1  | 933.6  | 934.8  | 943.5  |
| 37.5° | 1057.8 | 1018.7 | 1001.8 | 987.8  | 973.8  | 944.1  | 915.5  | 904.4  | 907.4  | 913.2  | 917.3  |
| 40°   | 1010.0 | 980.3  | 961.0  | 949.9  | 918.4  | 889.3  | 874.1  | 878.2  | 883.5  | 887.5  | 892.8  |
| 42.5° | 963.3  | 942.3  | 923.1  | 901.5  | 858.4  | 842.6  | 846.1  | 851.4  | 856.0  | 861.9  | 867.1  |
| 45°   | 919.0  | 900.4  | 878.2  | 829.2  | 807.6  | 811.7  | 817.0  | 821.1  | 828.1  | 832.1  | 837.4  |
| 47.5° | 877.0  | 857.2  | 818.1  | 775.0  | 772.7  | 780.8  | 785.5  | 790.7  | 796.0  | 785.5  | 433.3  |
| 50°   | 829.8  | 809.4  | 749.9  | 733.6  | 738.8  | 746.4  | 752.2  | 757.5  | 674.7  | 268.2  | 206.4  |
| 52.5° | 783.2  | 731.3  | 693.4  | 698.0  | 703.3  | 712.0  | 716.1  | 531.8  | 211.7  | 201.8  | 202.3  |
| 55°   | 731.3  | 664.8  | 653.7  | 659.5  | 664.2  | 672.9  | 446.1  | 195.4  | 194.2  | 193.6  | 198.3  |
| 57.5° | 649.6  | 609.4  | 614.0  | 619.9  | 624.5  | 440.9  | 190.1  | 188.9  | 189.5  | 190.1  | 190.7  |
| 60°   | 576.7  | 568.0  | 573.2  | 578.5  | 409.4  | 183.7  | 180.2  | 180.8  | 183.1  | 181.4  | 176.7  |
| 62.5° | 519.0  | 526.0  | 531.2  | 465.3  | 174.4  | 172.6  | 174.4  | 172.6  | 168.5  | 165.6  | 159.8  |
| 65°   | 474.7  | 481.7  | 485.8  | 163.9  | 163.3  | 165.6  | 163.9  | 158.0  | 151.6  | 143.5  | 141.7  |
| 67.5° | 428.0  | 435.0  | 155.7  | 151.6  | 153.9  | 151.0  | 144.0  | 137.0  | 132.4  | 125.4  | 122.5  |
| 70°   | 379.6  | 162.7  | 141.1  | 140.5  | 136.5  | 131.8  | 124.2  | 117.2  | 111.4  | 108.5  | 105.5  |
| 72.5° | 274.1  | 128.9  | 127.1  | 122.5  | 115.5  | 109.0  | 102.6  | 98.6   | 95.6   | 93.9   | 92.1   |
| 75°   | 114.3  | 112.0  | 106.7  | 98.6   | 91.6   | 88.6   | 84.0   | 81.1   | 79.9   | 76.4   | 75.2   |
| 77.5° | 95.6   | 91.0   | 83.4   | 77.6   | 73.5   | 71.7   | 68.2   | 64.7   | 63.0   | 62.4   | 60.1   |
| 80°   | 73.5   | 67.1   | 63.6   | 60.6   | 59.5   | 55.4   | 51.3   | 49.6   | 48.4   | 47.8   | 46.1   |
| 82.5° | 50.1   | 47.8   | 45.5   | 41.4   | 41.4   | 39.7   | 37.9   | 36.7   | 35.6   | 35.6   | 34.4   |
| 85°   | 32.7   | 30.9   | 30.3   | 28.6   | 28.6   | 27.4   | 26.8   | 26.2   | 25.7   | 25.1   | 24.5   |
| 87.5° | 18.7   | 18.7   | 19.2   | 18.7   | 18.7   | 18.1   | 17.5   | 16.9   | 16.3   | 16.3   | 15.2   |
| 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):**

|       | 220°   | 222.5° | 225°   | 227.5° | 230°   | 232.5° | 235°   | 237.5° | 240°   | 242.5° | 245°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 |
| 2.5°  | 1274.7 | 1280.6 | 1281.7 | 1301.6 | 1312.6 | 1312.1 | 1308.6 | 1319.1 | 1312.6 | 1309.1 | 1312.6 |
| 5°    | 1342.4 | 1349.4 | 1355.2 | 1376.8 | 1384.4 | 1387.9 | 1387.3 | 1393.1 | 1388.4 | 1384.4 | 1384.4 |
| 7.5°  | 1375.6 | 1378.0 | 1380.3 | 1375.0 | 1371.5 | 1365.7 | 1357.0 | 1344.1 | 1337.7 | 1330.7 | 1322.0 |
| 10°   | 1320.8 | 1313.2 | 1316.1 | 1305.6 | 1296.9 | 1290.5 | 1282.3 | 1271.8 | 1263.1 | 1256.7 | 1246.7 |
| 12.5° | 1253.7 | 1253.2 | 1254.3 | 1256.1 | 1247.3 | 1242.1 | 1235.7 | 1228.1 | 1221.7 | 1214.7 | 1206.5 |
| 15°   | 1212.9 | 1213.5 | 1218.2 | 1216.4 | 1213.5 | 1210.6 | 1203.6 | 1201.3 | 1195.4 | 1187.9 | 1183.2 |
| 17.5° | 1183.8 | 1186.7 | 1191.3 | 1189.0 | 1184.4 | 1181.4 | 1176.2 | 1170.9 | 1165.7 | 1159.9 | 1152.9 |
| 20°   | 1158.1 | 1161.0 | 1163.9 | 1161.0 | 1152.3 | 1148.2 | 1141.2 | 1124.9 | 1113.2 | 1101.5 | 1091.0 |
| 22.5° | 1130.1 | 1131.9 | 1129.5 | 1120.2 | 1098.0 | 1087.6 | 1079.4 | 1074.7 | 1064.8 | 1058.4 | 1052.0 |
| 25°   | 1095.1 | 1085.2 | 1070.1 | 1059.6 | 1050.8 | 1046.1 | 1042.6 | 1042.1 | 1040.9 | 1039.7 | 1036.8 |
| 27.5° | 1038.0 | 1034.5 | 1026.3 | 1022.2 | 1022.8 | 1024.6 | 1025.2 | 1026.9 | 1025.2 | 1022.8 | 1020.5 |
| 30°   | 995.4  | 997.2  | 997.7  | 998.9  | 1001.8 | 1003.6 | 1004.2 | 1006.5 | 1005.3 | 1003.6 | 1002.4 |
| 32.5° | 968.6  | 972.7  | 975.0  | 978.5  | 980.3  | 983.2  | 983.2  | 986.7  | 983.2  | 982.6  | 981.4  |
| 35°   | 946.4  | 949.9  | 951.1  | 956.3  | 958.1  | 961.0  | 961.0  | 963.9  | 961.0  | 931.3  | 735.3  |
| 37.5° | 924.3  | 927.8  | 930.1  | 934.8  | 935.4  | 937.1  | 864.8  | 632.7  | 408.2  | 316.1  | 241.4  |
| 40°   | 898.0  | 902.1  | 904.4  | 906.2  | 636.8  | 404.1  | 278.2  | 226.3  | 226.3  | 228.0  | 229.8  |
| 42.5° | 870.0  | 873.0  | 608.2  | 354.0  | 220.4  | 219.8  | 221.6  | 223.3  | 225.1  | 227.4  | 229.8  |
| 45°   | 684.0  | 345.2  | 219.3  | 214.0  | 215.8  | 218.1  | 220.4  | 222.8  | 225.7  | 228.0  | 229.2  |
| 47.5° | 224.5  | 210.5  | 213.4  | 211.1  | 214.0  | 216.9  | 219.3  | 221.6  | 222.2  | 222.8  | 222.2  |
| 50°   | 207.6  | 207.6  | 209.3  | 209.3  | 211.7  | 212.8  | 212.8  | 212.8  | 210.5  | 209.9  | 208.2  |
| 52.5° | 200.6  | 205.3  | 202.9  | 204.1  | 202.9  | 201.2  | 199.4  | 197.7  | 194.2  | 193.0  | 190.7  |
| 55°   | 197.1  | 198.8  | 193.0  | 191.3  | 188.9  | 184.3  | 181.9  | 179.6  | 176.7  | 175.5  | 172.6  |
| 57.5° | 188.9  | 184.9  | 178.4  | 175.5  | 171.4  | 166.8  | 164.4  | 162.7  | 159.8  | 158.6  | 156.9  |
| 60°   | 173.8  | 165.6  | 161.5  | 158.0  | 153.4  | 149.3  | 147.5  | 146.4  | 144.0  | 143.5  | 141.7  |
| 62.5° | 155.1  | 148.1  | 144.6  | 140.0  | 136.5  | 134.1  | 132.4  | 131.8  | 129.5  | 129.5  | 128.3  |
| 65°   | 134.7  | 131.2  | 128.3  | 123.6  | 121.9  | 119.5  | 119.0  | 118.4  | 117.2  | 116.6  | 115.5  |
| 67.5° | 118.4  | 116.0  | 112.0  | 109.6  | 108.5  | 106.7  | 105.5  | 104.4  | 102.0  | 100.9  | 99.1   |
| 70°   | 103.8  | 102.0  | 98.0   | 96.2   | 93.9   | 91.0   | 89.2   | 88.1   | 86.3   | 85.1   | 83.4   |
| 72.5° | 89.8   | 84.6   | 81.6   | 79.9   | 78.1   | 75.2   | 74.6   | 73.5   | 71.7   | 71.1   | 69.4   |
| 75°   | 72.3   | 68.2   | 66.5   | 65.3   | 63.6   | 61.8   | 61.8   | 61.8   | 60.1   | 59.5   | 58.9   |
| 77.5° | 57.7   | 55.4   | 54.2   | 53.1   | 52.5   | 51.3   | 49.6   | 49.0   | 47.2   | 47.2   | 46.7   |
| 80°   | 44.3   | 43.2   | 42.0   | 41.4   | 40.8   | 39.7   | 38.5   | 37.9   | 36.2   | 36.2   | 35.6   |
| 82.5° | 32.7   | 32.1   | 31.5   | 30.9   | 30.3   | 29.7   | 28.0   | 27.4   | 26.2   | 26.2   | 25.7   |
| 85°   | 23.3   | 22.7   | 21.6   | 21.0   | 21.0   | 20.4   | 18.7   | 18.1   | 16.9   | 16.9   | 16.9   |
| 87.5° | 14.6   | 14.0   | 13.4   | 12.8   | 12.2   | 11.7   | 10.5   | 9.9    | 9.9    | 8.7    | 8.2    |
| 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):**

|       | 247.5° | 250°   | 252.5° | 255°   | 257.5° | 260°   | 262.5° | 265°   | 267.5° | 270°   | 272.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 |
| 2.5°  | 1305.6 | 1315.6 | 1314.4 | 1321.4 | 1323.1 | 1326.6 | 1327.8 | 1328.4 | 1319.6 | 1326.6 | 1327.2 |
| 5°    | 1382.6 | 1384.4 | 1385.5 | 1388.4 | 1391.4 | 1391.9 | 1389.0 | 1385.5 | 1386.7 | 1384.4 | 1378.5 |
| 7.5°  | 1320.8 | 1312.1 | 1310.3 | 1308.0 | 1306.8 | 1305.6 | 1300.4 | 1305.1 | 1299.8 | 1297.5 | 1289.3 |
| 10°   | 1245.0 | 1236.8 | 1236.3 | 1236.3 | 1238.0 | 1237.4 | 1236.3 | 1233.9 | 1238.6 | 1235.7 | 1233.9 |
| 12.5° | 1205.3 | 1202.4 | 1204.2 | 1203.0 | 1207.7 | 1208.8 | 1207.7 | 1207.7 | 1206.5 | 1204.2 | 1205.3 |
| 15°   | 1181.4 | 1179.1 | 1180.9 | 1179.1 | 1182.6 | 1183.2 | 1180.3 | 1182.0 | 1179.1 | 1176.2 | 1175.0 |
| 17.5° | 1149.9 | 1144.7 | 1140.6 | 1134.8 | 1135.4 | 1134.2 | 1130.7 | 1130.7 | 1127.8 | 1120.2 | 1120.8 |
| 20°   | 1089.3 | 1084.1 | 1081.7 | 1081.7 | 1084.6 | 1085.8 | 1085.2 | 1086.4 | 1083.5 | 1082.3 | 1077.6 |
| 22.5° | 1051.4 | 1050.8 | 1052.0 | 1054.9 | 1059.6 | 1066.0 | 1066.6 | 1066.6 | 1066.6 | 1066.0 | 1060.1 |
| 25°   | 1038.0 | 1038.0 | 1039.2 | 1043.2 | 1046.7 | 1051.4 | 1052.6 | 1053.7 | 1052.6 | 1052.6 | 1047.3 |
| 27.5° | 1022.8 | 1021.7 | 1024.0 | 1028.1 | 1032.2 | 1035.7 | 1038.6 | 1039.2 | 1037.4 | 1037.4 | 1039.2 |
| 30°   | 1004.2 | 1003.6 | 1006.5 | 1010.6 | 1014.1 | 1017.6 | 1020.5 | 1022.8 | 1020.5 | 1020.5 | 1018.7 |
| 32.5° | 984.9  | 984.9  | 986.1  | 961.6  | 891.6  | 803.0  | 804.7  | 753.4  | 717.8  | 672.9  | 732.4  |
| 35°   | 614.6  | 447.3  | 384.3  | 325.4  | 284.0  | 257.2  | 256.6  | 247.8  | 243.8  | 240.8  | 240.3  |
| 37.5° | 232.1  | 233.3  | 235.6  | 236.8  | 238.5  | 239.7  | 240.3  | 240.3  | 240.3  | 240.3  | 239.7  |
| 40°   | 231.5  | 233.8  | 235.6  | 237.3  | 239.1  | 240.3  | 240.3  | 240.8  | 241.4  | 241.4  | 241.4  |
| 42.5° | 232.1  | 234.4  | 236.8  | 238.5  | 239.7  | 240.3  | 240.8  | 241.4  | 241.4  | 241.4  | 241.4  |
| 45°   | 231.5  | 232.7  | 232.7  | 233.3  | 233.3  | 233.3  | 233.8  | 233.8  | 233.3  | 232.7  | 233.8  |
| 47.5° | 222.8  | 222.8  | 221.0  | 220.4  | 219.8  | 218.7  | 219.3  | 218.7  | 218.1  | 217.5  | 218.7  |
| 50°   | 207.6  | 205.3  | 204.1  | 202.9  | 202.3  | 201.2  | 201.8  | 201.2  | 200.6  | 199.4  | 201.2  |
| 52.5° | 189.5  | 188.9  | 186.6  | 185.4  | 184.9  | 185.4  | 184.3  | 183.7  | 183.1  | 182.5  | 183.1  |
| 55°   | 172.0  | 169.7  | 169.1  | 167.9  | 167.4  | 167.9  | 167.4  | 166.8  | 166.2  | 165.6  | 166.2  |
| 57.5° | 156.3  | 154.5  | 153.9  | 152.8  | 152.8  | 152.8  | 152.8  | 152.2  | 151.6  | 151.0  | 151.6  |
| 60°   | 141.1  | 140.0  | 139.4  | 139.4  | 138.8  | 138.8  | 138.8  | 138.2  | 137.6  | 137.6  | 138.2  |
| 62.5° | 128.3  | 128.3  | 126.5  | 126.0  | 126.0  | 126.5  | 126.0  | 125.4  | 124.8  | 124.2  | 125.4  |
| 65°   | 114.9  | 112.5  | 112.0  | 110.8  | 109.6  | 110.2  | 109.6  | 109.0  | 108.5  | 107.9  | 109.0  |
| 67.5° | 98.6   | 98.0   | 95.6   | 94.5   | 93.9   | 94.5   | 93.9   | 93.3   | 92.7   | 92.1   | 93.3   |
| 70°   | 82.8   | 82.8   | 80.5   | 79.9   | 79.3   | 79.3   | 78.7   | 78.7   | 78.1   | 77.6   | 78.7   |
| 72.5° | 68.8   | 68.8   | 68.2   | 67.1   | 66.5   | 65.9   | 65.3   | 64.7   | 64.7   | 65.3   | 65.3   |
| 75°   | 57.1   | 56.0   | 53.6   | 54.2   | 53.6   | 53.1   | 53.1   | 52.5   | 51.9   | 53.1   | 52.5   |
| 77.5° | 44.9   | 44.3   | 42.6   | 43.2   | 42.6   | 42.0   | 42.0   | 41.4   | 40.8   | 41.4   | 41.4   |
| 80°   | 33.8   | 33.8   | 33.2   | 32.7   | 32.7   | 32.1   | 31.5   | 31.5   | 30.9   | 31.5   | 31.5   |
| 82.5° | 24.5   | 24.5   | 23.9   | 23.3   | 22.7   | 22.7   | 22.2   | 22.2   | 22.2   | 22.2   | 22.2   |
| 85°   | 15.7   | 15.2   | 15.2   | 14.0   | 14.0   | 14.0   | 13.4   | 13.4   | 13.4   | 13.4   | 13.4   |
| 87.5° | 7.6    | 7.6    | 7.0    | 7.0    | 6.4    | 5.8    | 5.8    | 5.2    | 5.2    | 5.8    | 5.8    |
| 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):**

|       | 275°   | 277.5° | 280°   | 282.5° | 285°   | 287.5° | 290°   | 292.5° | 295°   | 297.5° | 300°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 |
| 2.5°  | 1316.7 | 1324.3 | 1317.9 | 1320.8 | 1321.4 | 1331.3 | 1330.7 | 1333.1 | 1329.0 | 1324.3 | 1317.9 |
| 5°    | 1383.8 | 1380.3 | 1375.6 | 1386.7 | 1380.9 | 1387.9 | 1390.2 | 1394.9 | 1394.9 | 1394.3 | 1389.0 |
| 7.5°  | 1298.1 | 1290.5 | 1296.3 | 1300.4 | 1302.1 | 1297.5 | 1306.8 | 1317.3 | 1326.1 | 1331.3 | 1331.9 |
| 10°   | 1231.0 | 1233.3 | 1232.8 | 1234.5 | 1238.6 | 1238.0 | 1243.8 | 1249.7 | 1252.0 | 1255.5 | 1256.7 |
| 12.5° | 1199.5 | 1198.9 | 1200.1 | 1204.2 | 1206.5 | 1205.9 | 1211.8 | 1215.3 | 1216.4 | 1217.0 | 1216.4 |
| 15°   | 1174.4 | 1170.4 | 1173.3 | 1173.9 | 1175.6 | 1175.6 | 1182.6 | 1187.9 | 1190.2 | 1191.3 | 1190.2 |
| 17.5° | 1127.2 | 1117.3 | 1126.6 | 1126.6 | 1133.0 | 1131.9 | 1142.9 | 1151.7 | 1156.4 | 1159.9 | 1159.9 |
| 20°   | 1080.6 | 1075.9 | 1079.4 | 1078.2 | 1082.9 | 1082.3 | 1089.3 | 1095.1 | 1099.2 | 1102.1 | 1105.6 |
| 22.5° | 1061.9 | 1063.1 | 1057.8 | 1058.4 | 1058.4 | 1057.8 | 1061.3 | 1064.2 | 1065.4 | 1067.1 | 1066.0 |
| 25°   | 1049.6 | 1050.8 | 1049.1 | 1046.1 | 1045.0 | 1046.1 | 1047.9 | 1051.4 | 1052.0 | 1050.8 | 1046.7 |
| 27.5° | 1037.4 | 1033.9 | 1036.8 | 1031.6 | 1030.4 | 1032.7 | 1035.1 | 1035.7 | 1036.2 | 1036.2 | 1032.7 |
| 30°   | 1018.7 | 1015.8 | 1018.7 | 1016.4 | 1014.1 | 1016.4 | 1018.2 | 1018.2 | 1019.3 | 1019.9 | 1015.8 |
| 32.5° | 712.0  | 717.8  | 812.3  | 869.5  | 949.9  | 990.8  | 998.3  | 998.3  | 999.5  | 999.5  | 996.0  |
| 35°   | 242.6  | 243.2  | 263.0  | 285.2  | 332.4  | 390.7  | 467.1  | 506.7  | 640.9  | 801.2  | 956.3  |
| 37.5° | 239.7  | 239.1  | 238.5  | 237.9  | 237.3  | 236.8  | 235.6  | 235.0  | 238.5  | 282.8  | 383.7  |
| 40°   | 240.8  | 240.3  | 239.1  | 238.5  | 237.9  | 236.8  | 236.2  | 235.0  | 233.8  | 232.7  | 231.5  |
| 42.5° | 240.8  | 240.3  | 239.7  | 239.1  | 238.5  | 237.9  | 236.8  | 235.6  | 234.4  | 232.7  | 230.9  |
| 45°   | 232.7  | 232.7  | 233.3  | 233.3  | 233.8  | 233.8  | 233.8  | 233.3  | 233.3  | 232.7  | 230.3  |
| 47.5° | 217.5  | 217.5  | 219.3  | 219.3  | 220.4  | 221.6  | 221.6  | 222.8  | 224.5  | 225.7  | 226.3  |
| 50°   | 200.0  | 200.0  | 201.8  | 202.3  | 203.5  | 205.3  | 207.0  | 207.6  | 209.3  | 211.7  | 214.0  |
| 52.5° | 182.5  | 182.5  | 184.3  | 184.3  | 185.4  | 187.2  | 188.9  | 189.5  | 191.9  | 194.2  | 197.1  |
| 55°   | 166.2  | 166.2  | 167.4  | 167.9  | 168.5  | 169.7  | 171.4  | 171.4  | 173.8  | 175.5  | 178.4  |
| 57.5° | 151.6  | 152.8  | 152.8  | 152.8  | 153.4  | 154.5  | 155.7  | 155.7  | 157.4  | 159.2  | 161.5  |
| 60°   | 137.6  | 138.8  | 138.8  | 138.8  | 139.4  | 140.0  | 141.1  | 141.1  | 142.3  | 143.5  | 145.8  |
| 62.5° | 124.8  | 126.0  | 126.0  | 126.5  | 126.5  | 127.1  | 128.3  | 127.7  | 128.9  | 129.5  | 131.2  |
| 65°   | 108.5  | 109.6  | 110.2  | 110.8  | 111.4  | 112.5  | 114.3  | 113.7  | 115.5  | 116.6  | 118.4  |
| 67.5° | 92.7   | 93.9   | 93.9   | 94.5   | 95.1   | 96.2   | 97.4   | 97.4   | 99.1   | 100.3  | 102.6  |
| 70°   | 78.1   | 79.3   | 79.3   | 79.9   | 80.5   | 81.6   | 82.8   | 82.2   | 84.0   | 85.1   | 86.9   |
| 72.5° | 64.7   | 65.9   | 65.9   | 66.5   | 66.5   | 67.6   | 68.8   | 70.0   | 70.0   | 71.1   | 72.3   |
| 75°   | 52.5   | 53.1   | 53.6   | 53.6   | 54.2   | 54.8   | 56.0   | 57.1   | 57.7   | 58.3   | 59.5   |
| 77.5° | 41.4   | 42.0   | 42.6   | 42.6   | 43.2   | 43.7   | 44.3   | 46.7   | 47.8   | 48.4   | 48.4   |
| 80°   | 31.5   | 32.1   | 32.1   | 32.1   | 32.7   | 33.2   | 34.4   | 34.4   | 36.7   | 36.7   | 37.3   |
| 82.5° | 22.2   | 22.7   | 22.7   | 22.7   | 23.3   | 24.5   | 25.1   | 25.7   | 26.8   | 27.4   | 27.4   |
| 85°   | 13.4   | 14.0   | 14.0   | 14.0   | 14.6   | 15.2   | 16.3   | 16.9   | 17.5   | 17.5   | 18.1   |
| 87.5° | 5.2    | 5.8    | 6.4    | 6.4    | 7.0    | 7.6    | 8.2    | 8.7    | 9.3    | 9.3    | 9.9    |
| 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):**

|       | 302.5° | 305°   | 307.5° | 310°   | 312.5° | 315°   | 317.5° | 320°   | 322.5° | 325°   | 327.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 |
| 2.5°  | 1310.9 | 1315.0 | 1310.9 | 1313.2 | 1316.1 | 1310.9 | 1298.6 | 1294.0 | 1292.2 | 1285.2 | 1280.6 |
| 5°    | 1383.8 | 1383.8 | 1382.0 | 1386.7 | 1386.1 | 1378.0 | 1365.1 | 1359.3 | 1353.5 | 1345.9 | 1340.0 |
| 7.5°  | 1331.9 | 1336.6 | 1339.5 | 1357.5 | 1369.2 | 1370.4 | 1378.5 | 1380.3 | 1382.6 | 1380.3 | 1376.8 |
| 10°   | 1257.2 | 1255.5 | 1263.7 | 1280.6 | 1290.5 | 1295.7 | 1311.5 | 1319.1 | 1325.5 | 1338.3 | 1351.7 |
| 12.5° | 1215.3 | 1217.6 | 1221.1 | 1233.3 | 1242.7 | 1240.3 | 1246.7 | 1252.0 | 1259.6 | 1272.4 | 1291.6 |
| 15°   | 1187.3 | 1189.6 | 1193.1 | 1202.4 | 1208.3 | 1205.3 | 1208.8 | 1212.3 | 1217.6 | 1224.0 | 1235.7 |
| 17.5° | 1156.9 | 1161.0 | 1165.1 | 1175.0 | 1180.3 | 1179.7 | 1182.6 | 1183.8 | 1185.5 | 1189.6 | 1197.8 |
| 20°   | 1109.7 | 1122.5 | 1130.7 | 1144.1 | 1151.7 | 1150.5 | 1155.8 | 1157.5 | 1159.9 | 1163.9 | 1167.4 |
| 22.5° | 1066.6 | 1070.1 | 1074.1 | 1088.7 | 1101.5 | 1117.3 | 1120.8 | 1125.5 | 1131.3 | 1135.4 | 1138.9 |
| 25°   | 1042.1 | 1039.7 | 1041.5 | 1051.4 | 1058.4 | 1059.6 | 1064.8 | 1080.0 | 1095.7 | 1102.7 | 1110.9 |
| 27.5° | 1027.5 | 1025.2 | 1024.6 | 1029.2 | 1030.4 | 1027.5 | 1026.3 | 1031.0 | 1042.6 | 1054.3 | 1078.8 |
| 30°   | 1011.7 | 1008.8 | 1006.5 | 1010.6 | 1012.3 | 1008.2 | 1000.7 | 996.6  | 1003.6 | 1006.5 | 1016.4 |
| 32.5° | 993.1  | 990.2  | 989.0  | 991.3  | 992.5  | 989.0  | 980.8  | 976.2  | 975.0  | 972.7  | 975.0  |
| 35°   | 972.1  | 969.2  | 967.4  | 968.0  | 970.3  | 967.4  | 960.4  | 954.6  | 951.7  | 945.3  | 940.6  |
| 37.5° | 500.9  | 709.7  | 921.4  | 943.5  | 945.8  | 945.3  | 938.3  | 931.9  | 928.9  | 921.4  | 919.0  |
| 40°   | 229.2  | 256.0  | 384.3  | 502.1  | 724.3  | 920.2  | 913.8  | 907.4  | 902.1  | 899.8  | 891.0  |
| 42.5° | 228.6  | 229.2  | 229.8  | 226.8  | 281.1  | 478.8  | 706.8  | 882.3  | 878.8  | 873.0  | 866.5  |
| 45°   | 228.6  | 225.7  | 228.0  | 224.5  | 225.7  | 225.1  | 280.5  | 452.5  | 805.3  | 841.5  | 838.6  |
| 47.5° | 226.3  | 224.5  | 226.8  | 223.9  | 220.4  | 222.2  | 219.8  | 222.8  | 347.5  | 589.6  | 807.6  |
| 50°   | 215.8  | 216.9  | 221.0  | 220.4  | 217.5  | 219.8  | 215.8  | 219.3  | 216.3  | 237.3  | 457.2  |
| 52.5° | 200.0  | 202.3  | 206.4  | 209.9  | 211.1  | 214.0  | 212.8  | 214.0  | 211.7  | 212.3  | 212.8  |
| 55°   | 181.4  | 184.3  | 187.8  | 193.0  | 195.4  | 200.0  | 203.5  | 205.3  | 208.2  | 207.6  | 202.9  |
| 57.5° | 163.9  | 166.8  | 169.7  | 174.9  | 180.2  | 182.5  | 188.9  | 192.4  | 200.0  | 198.3  | 197.1  |
| 60°   | 147.5  | 149.9  | 152.8  | 153.9  | 160.4  | 164.4  | 170.3  | 173.8  | 183.7  | 186.0  | 189.5  |
| 62.5° | 133.0  | 134.1  | 136.5  | 138.2  | 142.3  | 146.4  | 149.3  | 155.1  | 160.4  | 167.9  | 173.2  |
| 65°   | 119.5  | 120.7  | 122.5  | 123.6  | 124.2  | 130.0  | 131.8  | 138.2  | 140.0  | 148.1  | 152.8  |
| 67.5° | 104.4  | 106.7  | 109.0  | 110.2  | 111.4  | 114.9  | 116.0  | 119.0  | 123.0  | 126.5  | 132.4  |
| 70°   | 88.6   | 90.4   | 92.7   | 94.5   | 96.8   | 99.1   | 102.6  | 104.4  | 107.3  | 109.6  | 114.3  |
| 72.5° | 74.1   | 75.8   | 77.0   | 78.7   | 80.5   | 82.2   | 85.1   | 89.2   | 91.6   | 95.6   | 96.8   |
| 75°   | 60.1   | 61.8   | 63.0   | 64.1   | 65.9   | 67.1   | 68.2   | 72.3   | 74.6   | 78.1   | 81.6   |
| 77.5° | 49.6   | 49.6   | 50.7   | 54.2   | 53.6   | 53.6   | 54.8   | 57.1   | 58.9   | 61.2   | 64.7   |
| 80°   | 38.5   | 39.1   | 39.7   | 42.6   | 43.2   | 43.7   | 43.2   | 44.9   | 46.7   | 47.2   | 49.6   |
| 82.5° | 28.6   | 29.2   | 29.2   | 30.9   | 32.7   | 32.7   | 32.7   | 33.2   | 35.0   | 35.6   | 36.7   |
| 85°   | 19.2   | 19.8   | 20.4   | 21.0   | 22.2   | 22.7   | 23.3   | 23.3   | 24.5   | 25.1   | 25.7   |
| 87.5° | 10.5   | 11.7   | 12.2   | 12.8   | 13.4   | 14.0   | 14.6   | 15.2   | 15.7   | 16.3   | 16.9   |
| 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: P1213342

CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 330°   | 332.5° | 335°   | 337.5° | 340°   | 342.5° | 345°   | 347.5° | 350°   | 352.5° | 355°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 | 1272.4 |
| 2.5°  | 1278.8 | 1275.9 | 1274.2 | 1269.5 | 1268.3 | 1260.7 | 1261.9 | 1260.7 | 1260.7 | 1262.5 | 1268.3 |
| 5°    | 1333.6 | 1319.6 | 1316.1 | 1306.2 | 1298.1 | 1284.1 | 1275.3 | 1270.7 | 1263.7 | 1260.7 | 1264.8 |
| 7.5°  | 1371.0 | 1360.5 | 1351.7 | 1343.0 | 1331.3 | 1315.0 | 1302.7 | 1288.7 | 1277.1 | 1266.0 | 1263.1 |
| 10°   | 1364.5 | 1376.2 | 1376.2 | 1371.0 | 1359.9 | 1343.5 | 1329.0 | 1311.5 | 1291.1 | 1273.6 | 1263.1 |
| 12.5° | 1310.3 | 1330.7 | 1347.0 | 1359.3 | 1370.4 | 1359.3 | 1344.7 | 1330.7 | 1308.0 | 1282.3 | 1263.1 |
| 15°   | 1250.8 | 1271.8 | 1292.2 | 1317.9 | 1344.7 | 1355.8 | 1355.2 | 1338.9 | 1318.5 | 1291.6 | 1264.8 |
| 17.5° | 1208.8 | 1223.4 | 1234.5 | 1262.5 | 1295.1 | 1323.7 | 1343.0 | 1344.1 | 1324.3 | 1300.4 | 1265.4 |
| 20°   | 1177.4 | 1187.9 | 1197.2 | 1212.9 | 1241.5 | 1276.5 | 1312.1 | 1331.9 | 1328.4 | 1302.1 | 1267.2 |
| 22.5° | 1148.8 | 1156.4 | 1163.9 | 1175.6 | 1198.3 | 1221.1 | 1262.5 | 1303.3 | 1320.8 | 1299.2 | 1265.4 |
| 25°   | 1120.2 | 1128.4 | 1134.2 | 1142.4 | 1160.4 | 1179.1 | 1208.3 | 1259.0 | 1298.1 | 1296.9 | 1261.9 |
| 27.5° | 1086.4 | 1097.5 | 1104.5 | 1115.5 | 1127.8 | 1141.8 | 1161.6 | 1209.4 | 1265.4 | 1285.2 | 1252.6 |
| 30°   | 1045.6 | 1061.9 | 1072.4 | 1084.6 | 1095.1 | 1107.4 | 1123.1 | 1152.3 | 1221.7 | 1262.5 | 1242.7 |
| 32.5° | 986.7  | 1015.8 | 1039.2 | 1050.8 | 1062.5 | 1073.0 | 1087.0 | 1111.5 | 1168.0 | 1231.6 | 1231.6 |
| 35°   | 944.7  | 958.1  | 979.1  | 1012.9 | 1027.5 | 1038.0 | 1050.8 | 1070.1 | 1106.2 | 1194.8 | 1213.5 |
| 37.5° | 912.0  | 917.3  | 927.8  | 961.0  | 988.4  | 1005.3 | 1018.2 | 1030.4 | 1066.0 | 1144.7 | 1190.2 |
| 40°   | 887.5  | 885.8  | 884.6  | 900.4  | 939.4  | 966.3  | 980.8  | 993.1  | 1020.5 | 1084.6 | 1159.3 |
| 42.5° | 859.0  | 857.2  | 851.4  | 855.5  | 874.7  | 919.6  | 941.8  | 955.2  | 977.9  | 1021.7 | 1125.5 |
| 45°   | 829.2  | 826.3  | 824.0  | 819.9  | 826.9  | 852.0  | 897.4  | 917.3  | 930.1  | 969.2  | 1082.9 |
| 47.5° | 798.9  | 794.8  | 791.9  | 788.4  | 784.3  | 796.0  | 839.1  | 874.7  | 896.9  | 921.4  | 1031.6 |
| 50°   | 755.7  | 761.0  | 757.5  | 753.4  | 749.9  | 747.6  | 765.7  | 824.0  | 851.4  | 871.2  | 969.2  |
| 52.5° | 356.3  | 692.8  | 721.9  | 717.8  | 713.2  | 709.1  | 713.2  | 757.5  | 807.1  | 822.8  | 893.9  |
| 55°   | 202.9  | 308.5  | 642.0  | 678.8  | 674.7  | 668.9  | 665.4  | 680.5  | 754.6  | 775.6  | 825.1  |
| 57.5° | 195.4  | 195.9  | 283.4  | 611.7  | 634.5  | 629.2  | 625.1  | 628.6  | 691.6  | 727.2  | 765.1  |
| 60°   | 188.9  | 188.9  | 188.9  | 270.6  | 584.9  | 586.6  | 581.4  | 575.6  | 603.0  | 672.9  | 704.4  |
| 62.5° | 174.9  | 178.4  | 180.2  | 180.2  | 267.1  | 541.7  | 536.5  | 534.7  | 535.9  | 607.6  | 643.8  |
| 65°   | 156.9  | 165.0  | 168.5  | 170.9  | 170.9  | 280.5  | 490.4  | 487.5  | 483.4  | 510.8  | 582.6  |
| 67.5° | 137.0  | 145.2  | 152.8  | 157.4  | 158.0  | 163.3  | 292.7  | 439.1  | 433.3  | 433.9  | 517.2  |
| 70°   | 116.6  | 123.6  | 131.8  | 138.8  | 145.2  | 148.1  | 152.8  | 364.5  | 383.7  | 375.5  | 443.2  |
| 72.5° | 100.9  | 103.8  | 109.6  | 116.6  | 124.2  | 131.2  | 135.3  | 145.2  | 333.0  | 324.2  | 337.1  |
| 75°   | 84.0   | 86.3   | 90.4   | 95.1   | 100.9  | 109.0  | 116.0  | 123.0  | 176.7  | 271.7  | 270.0  |
| 77.5° | 65.3   | 69.4   | 74.1   | 77.0   | 79.9   | 85.7   | 95.1   | 102.0  | 109.0  | 183.7  | 216.3  |
| 80°   | 50.1   | 53.1   | 55.4   | 58.3   | 61.8   | 65.9   | 69.4   | 77.6   | 85.7   | 92.1   | 165.6  |
| 82.5° | 37.3   | 39.1   | 40.8   | 42.0   | 43.2   | 45.5   | 51.9   | 54.8   | 60.1   | 65.9   | 78.1   |
| 85°   | 26.2   | 27.4   | 28.6   | 29.2   | 29.7   | 30.3   | 32.7   | 33.2   | 38.5   | 39.7   | 47.2   |
| 87.5° | 16.9   | 17.5   | 18.7   | 19.2   | 19.2   | 19.8   | 20.4   | 20.4   | 20.4   | 19.2   | 23.3   |
| 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: P1213342

CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 357.5° | 360°   |
|-------|--------|--------|
| 0°    | 1272.4 | 1272.4 |
| 2.5°  | 1273.0 | 1282.3 |
| 5°    | 1271.2 | 1283.5 |
| 7.5°  | 1266.6 | 1278.2 |
| 10°   | 1259.6 | 1273.6 |
| 12.5° | 1252.0 | 1265.4 |
| 15°   | 1245.6 | 1255.5 |
| 17.5° | 1238.6 | 1244.4 |
| 20°   | 1229.3 | 1233.9 |
| 22.5° | 1219.9 | 1217.6 |
| 25°   | 1209.4 | 1204.2 |
| 27.5° | 1196.0 | 1186.1 |
| 30°   | 1183.8 | 1166.3 |
| 32.5° | 1172.1 | 1143.5 |
| 35°   | 1156.4 | 1120.2 |
| 37.5° | 1140.0 | 1096.3 |
| 40°   | 1120.8 | 1068.9 |
| 42.5° | 1100.4 | 1041.5 |
| 45°   | 1074.7 | 1015.2 |
| 47.5° | 1052.0 | 983.8  |
| 50°   | 1020.5 | 949.9  |
| 52.5° | 982.0  | 918.4  |
| 55°   | 936.5  | 880.0  |
| 57.5° | 887.5  | 839.7  |
| 60°   | 835.1  | 793.6  |
| 62.5° | 771.5  | 745.8  |
| 65°   | 696.8  | 691.0  |
| 67.5° | 599.5  | 630.4  |
| 70°   | 491.6  | 561.0  |
| 72.5° | 411.1  | 487.5  |
| 75°   | 337.1  | 405.3  |
| 77.5° | 267.1  | 317.8  |
| 80°   | 166.8  | 232.7  |
| 82.5° | 112.0  | 152.8  |
| 85°   | 67.6   | 72.9   |
| 87.5° | 26.2   | 26.8   |
| 90°   | 0.0    | 0.0    |

(END OF REPORT)