

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: P1213693

Luminaire Tested: 2SNLED-LD5-30HL-RW-UNV-L940-CD1-U

Issue Date: 3/29/2018

**Test Information**

Test Method: LM-79-2019  
Report Number: P1213693  
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-L940-CD1-U  
Description: 2FT LINEAR SNLED LED FIXTURE  
WHITE REFLECTOR  
Light Source: -  
Ballast/Driver: -

**Summary**

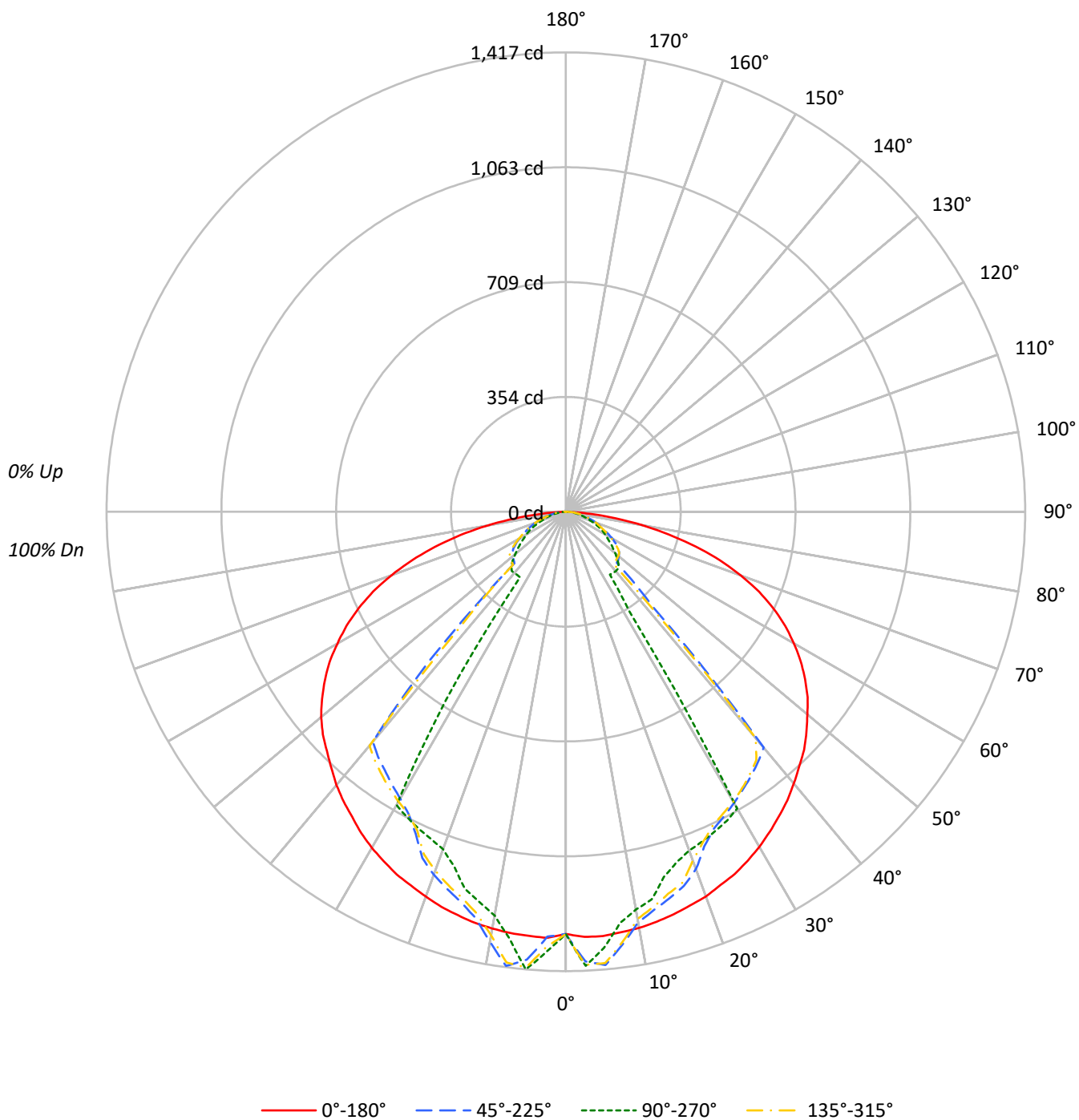
Lumens per Lamp: N/A  
Luminaire Lumens: 2608.0 lumens  
Efficiency: N/A  
Efficacy: 96.6 lumens/watt  
Spacing Criteria (0/90/45): 1.36 / 1.16 / 1.2  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 2' x H: 0.12')  
CIE Type: Direct

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: P1213693

CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L940-CD1-U

### Luminous Intensity Polar Plot



TEST NUMBER: P1213693

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

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     |     | 20  |     |     |     |     | 20  |     |     |     |    | 20 |
| RC  | 80  |     |     |     | 70  |     |     |     |     | 50  |     |     |     |     | 30  |     |     |     |    | 10 |
| 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°  | 21049 | 21049 | 21049 | 21049 |
| 5°  | 21197 | 21207 | 21188 | 22258 |
| 10° | 21161 | 19174 | 21190 | 19468 |
| 15° | 21148 | 17740 | 21196 | 18303 |
| 20° | 21240 | 16827 | 21240 | 16763 |
| 25° | 21357 | 16504 | 21388 | 16349 |
| 30° | 21501 | 16214 | 21555 | 16021 |
| 35° | 21674 | 3693  | 21719 | 3851  |
| 40° | 21933 | 3839  | 22063 | 3965  |
| 45° | 22353 | 3819  | 22431 | 3959  |
| 50° | 22752 | 3454  | 23059 | 3546  |
| 55° | 23300 | 3065  | 23484 | 3109  |
| 60° | 23692 | 2725  | 23745 | 2760  |
| 65° | 23852 | 2377  | 23791 | 2339  |
| 70° | 23157 | 1917  | 23085 | 1847  |
| 75° | 21003 | 1475  | 21155 | 1412  |
| 80° | 16368 | 1047  | 17021 | 958   |
| 85° | 8069  | 627   | 8524  | 480   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 2.5°

Vertical Angle: 57.5°

Luminance: 24381 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 128.1  | 4.9       |
| 10°-20°   | 352.3  | 13.5      |
| 20°-30°   | 521.8  | 20.0      |
| 30°-40°   | 525.8  | 20.2      |
| 40°-50°   | 410.7  | 15.7      |
| 50°-60°   | 317.3  | 12.2      |
| 60°-70°   | 213.0  | 8.2       |
| 70°-80°   | 108.7  | 4.2       |
| 80°-90°   | 30.2   | 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°    | 1002.3 | 38.4      |
| 0°-40°    | 1528.1 | 58.6      |
| 0°-60°    | 2256.1 | 86.5      |
| 0°-90°    | 2608.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 2608.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1302 | 1302 | 1302 | 1302 | 1302 |      |
| 5°  | 1314 | 1350 | 1313 | 1417 | 1314 | 125  |
| 15° | 1285 | 1167 | 1288 | 1204 | 1285 | 363  |
| 25° | 1232 | 1088 | 1234 | 1077 | 1232 | 569  |
| 35° | 1147 | 236  | 1149 | 246  | 1147 | 719  |
| 45° | 1039 | 230  | 1043 | 238  | 1039 | 801  |
| 55° | 901  | 167  | 908  | 170  | 901  | 804  |
| 65° | 707  | 112  | 706  | 110  | 707  | 696  |
| 75° | 415  | 57   | 418  | 54   | 415  | 434  |
| 85° | 75   | 18   | 79   | 14   | 75   | 103  |
| 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°    | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 |
| 2.5°  | 1312.5 | 1317.3 | 1320.9 | 1323.3 | 1324.5 | 1324.5 | 1325.0 | 1325.6 | 1333.4 | 1337.0 | 1339.4 |
| 5°    | 1313.7 | 1318.5 | 1325.6 | 1335.2 | 1343.6 | 1350.7 | 1356.7 | 1365.0 | 1373.4 | 1382.3 | 1385.3 |
| 7.5°  | 1308.3 | 1314.3 | 1328.6 | 1345.9 | 1362.1 | 1373.4 | 1381.2 | 1386.5 | 1390.7 | 1391.3 | 1394.3 |
| 10°   | 1303.6 | 1314.3 | 1334.0 | 1356.7 | 1377.0 | 1390.7 | 1390.7 | 1387.7 | 1391.9 | 1375.8 | 1359.7 |
| 12.5° | 1295.2 | 1307.1 | 1334.0 | 1363.8 | 1382.9 | 1388.3 | 1385.9 | 1374.0 | 1349.5 | 1329.8 | 1320.9 |
| 15°   | 1285.1 | 1301.2 | 1334.6 | 1368.0 | 1384.1 | 1385.9 | 1363.2 | 1332.8 | 1314.3 | 1302.4 | 1287.4 |
| 17.5° | 1273.7 | 1295.2 | 1335.2 | 1368.6 | 1374.6 | 1366.2 | 1323.3 | 1304.2 | 1285.1 | 1257.0 | 1236.7 |
| 20°   | 1263.0 | 1283.9 | 1330.4 | 1360.3 | 1363.8 | 1326.2 | 1292.8 | 1272.5 | 1240.3 | 1215.8 | 1206.9 |
| 22.5° | 1246.3 | 1270.7 | 1326.2 | 1348.9 | 1335.2 | 1291.6 | 1259.4 | 1227.2 | 1197.9 | 1190.8 | 1180.0 |
| 25°   | 1232.5 | 1258.2 | 1316.7 | 1335.2 | 1298.8 | 1260.0 | 1222.4 | 1184.8 | 1171.1 | 1160.9 | 1151.4 |
| 27.5° | 1214.0 | 1245.7 | 1304.2 | 1310.1 | 1260.0 | 1226.0 | 1171.1 | 1154.3 | 1141.8 | 1130.5 | 1126.3 |
| 30°   | 1193.7 | 1232.5 | 1286.8 | 1275.5 | 1227.8 | 1177.6 | 1137.0 | 1121.5 | 1112.6 | 1100.6 | 1095.9 |
| 32.5° | 1170.5 | 1212.8 | 1267.7 | 1235.5 | 1193.1 | 1130.5 | 1104.2 | 1092.3 | 1080.3 | 1071.4 | 1041.5 |
| 35°   | 1146.6 | 1195.5 | 1245.1 | 1197.3 | 1151.4 | 1094.7 | 1071.4 | 1060.6 | 1049.3 | 1016.5 | 985.4  |
| 37.5° | 1122.1 | 1176.4 | 1217.6 | 1156.1 | 1095.9 | 1057.7 | 1038.0 | 1026.0 | 1000.4 | 958.6  | 943.1  |
| 40°   | 1094.1 | 1153.2 | 1182.4 | 1113.8 | 1047.5 | 1020.0 | 1001.5 | 989.6  | 931.7  | 913.2  | 908.4  |
| 42.5° | 1066.0 | 1130.5 | 1139.4 | 1072.6 | 1007.5 | 980.1  | 964.5  | 925.1  | 885.8  | 876.2  | 878.0  |
| 45°   | 1039.1 | 1106.0 | 1092.3 | 1014.1 | 965.7  | 943.1  | 916.8  | 862.5  | 841.6  | 846.4  | 847.6  |
| 47.5° | 1006.9 | 1076.8 | 1042.7 | 955.6  | 922.8  | 900.1  | 841.6  | 808.8  | 805.8  | 812.3  | 815.9  |
| 50°   | 972.3  | 1043.9 | 990.2  | 902.5  | 876.2  | 849.3  | 783.1  | 766.4  | 770.0  | 776.5  | 780.7  |
| 52.5° | 940.1  | 1006.9 | 935.9  | 852.9  | 830.2  | 768.8  | 724.0  | 727.0  | 733.0  | 740.7  | 743.1  |
| 55°   | 900.7  | 962.2  | 878.0  | 802.8  | 781.3  | 700.7  | 680.4  | 687.6  | 693.6  | 700.1  | 704.9  |
| 57.5° | 859.5  | 910.8  | 809.4  | 746.7  | 712.1  | 640.4  | 642.2  | 647.0  | 651.2  | 658.9  | 272.2  |
| 60°   | 812.3  | 852.3  | 734.1  | 694.8  | 626.1  | 592.7  | 594.5  | 602.8  | 607.0  | 339.0  | 187.4  |
| 62.5° | 763.4  | 784.3  | 666.1  | 635.7  | 547.3  | 544.9  | 553.3  | 556.9  | 379.0  | 179.1  | 175.5  |
| 65°   | 707.3  | 703.1  | 599.3  | 550.9  | 493.6  | 496.0  | 505.0  | 487.0  | 167.7  | 167.7  | 166.5  |
| 67.5° | 645.2  | 620.1  | 534.2  | 456.0  | 441.7  | 447.1  | 456.6  | 159.4  | 155.2  | 156.4  | 152.2  |
| 70°   | 574.2  | 539.0  | 466.8  | 386.2  | 390.9  | 396.3  | 154.0  | 144.4  | 142.7  | 139.7  | 131.3  |
| 72.5° | 499.0  | 450.6  | 382.0  | 335.4  | 338.4  | 212.5  | 134.9  | 130.1  | 124.1  | 118.2  | 109.2  |
| 75°   | 414.8  | 352.2  | 280.5  | 280.5  | 284.7  | 121.2  | 117.6  | 109.8  | 103.3  | 95.5   | 90.1   |
| 77.5° | 325.3  | 271.0  | 217.9  | 226.2  | 110.4  | 101.5  | 94.9   | 86.5   | 81.2   | 76.4   | 73.4   |
| 80°   | 238.2  | 189.2  | 164.1  | 146.8  | 85.9   | 77.0   | 70.4   | 65.7   | 63.3   | 60.3   | 56.7   |
| 82.5° | 156.4  | 114.0  | 114.0  | 69.2   | 60.3   | 53.1   | 51.3   | 47.7   | 45.4   | 43.6   | 41.8   |
| 85°   | 74.6   | 66.3   | 50.1   | 42.4   | 37.6   | 34.0   | 32.8   | 31.0   | 31.0   | 30.4   | 29.8   |
| 87.5° | 27.5   | 29.8   | 22.1   | 21.5   | 20.3   | 19.7   | 20.3   | 20.3   | 20.9   | 20.3   | 19.7   |
| 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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**CANDELA DISTRIBUTION (continued):**

|       | 27.5°  | 30°    | 32.5°  | 35°    | 37.5°  | 40°    | 42.5°  | 45°    | 47.5°  | 50°    | 52.5°  |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 |
| 2.5°  | 1345.3 | 1350.1 | 1353.7 | 1359.7 | 1367.4 | 1374.0 | 1380.0 | 1388.3 | 1401.4 | 1405.0 | 1408.0 |
| 5°    | 1385.3 | 1387.1 | 1391.3 | 1396.1 | 1397.3 | 1400.3 | 1399.7 | 1403.2 | 1405.0 | 1409.2 | 1400.3 |
| 7.5°  | 1387.7 | 1378.2 | 1366.8 | 1356.7 | 1349.5 | 1343.0 | 1338.8 | 1345.3 | 1348.9 | 1351.9 | 1343.0 |
| 10°   | 1337.6 | 1326.2 | 1319.7 | 1313.7 | 1306.5 | 1296.4 | 1282.7 | 1285.7 | 1284.5 | 1284.5 | 1281.5 |
| 12.5° | 1305.9 | 1289.8 | 1273.1 | 1258.2 | 1251.6 | 1251.0 | 1251.6 | 1258.2 | 1258.2 | 1257.6 | 1254.0 |
| 15°   | 1256.4 | 1240.9 | 1232.5 | 1229.0 | 1229.0 | 1227.2 | 1227.2 | 1234.3 | 1232.5 | 1232.5 | 1230.7 |
| 17.5° | 1223.6 | 1212.8 | 1206.9 | 1202.7 | 1200.9 | 1203.9 | 1207.5 | 1210.5 | 1211.0 | 1208.7 | 1199.1 |
| 20°   | 1196.7 | 1186.6 | 1179.4 | 1180.6 | 1180.0 | 1181.8 | 1183.6 | 1173.4 | 1160.9 | 1144.2 | 1136.4 |
| 22.5° | 1168.7 | 1160.9 | 1155.5 | 1155.5 | 1148.4 | 1137.0 | 1120.3 | 1116.7 | 1115.0 | 1107.2 | 1100.6 |
| 25°   | 1141.8 | 1132.9 | 1125.1 | 1101.2 | 1086.3 | 1088.1 | 1085.1 | 1079.1 | 1078.5 | 1077.9 | 1080.3 |
| 27.5° | 1115.0 | 1091.7 | 1061.8 | 1058.2 | 1052.3 | 1051.7 | 1055.3 | 1058.2 | 1058.2 | 1060.6 | 1063.6 |
| 30°   | 1059.4 | 1032.6 | 1027.2 | 1020.6 | 1023.0 | 1031.4 | 1033.2 | 1037.4 | 1038.6 | 1042.7 | 1045.1 |
| 32.5° | 1008.7 | 996.8  | 992.0  | 995.0  | 1002.7 | 1009.9 | 1014.1 | 1015.9 | 1018.9 | 1022.4 | 1025.4 |
| 35°   | 967.5  | 963.9  | 968.1  | 974.7  | 982.4  | 988.4  | 992.0  | 995.6  | 998.6  | 1001.5 | 1003.9 |
| 37.5° | 937.1  | 939.5  | 945.4  | 953.8  | 961.6  | 966.3  | 969.3  | 973.5  | 977.7  | 981.3  | 966.9  |
| 40°   | 908.4  | 914.4  | 921.0  | 929.9  | 936.5  | 941.3  | 944.2  | 949.6  | 913.8  | 413.6  | 226.8  |
| 42.5° | 883.4  | 889.9  | 894.7  | 901.9  | 909.0  | 912.6  | 886.4  | 395.7  | 223.8  | 222.6  | 225.6  |
| 45°   | 852.9  | 858.3  | 866.1  | 871.4  | 878.0  | 576.6  | 220.2  | 222.6  | 219.1  | 221.4  | 222.6  |
| 47.5° | 821.9  | 830.2  | 834.4  | 796.2  | 237.0  | 219.1  | 216.7  | 219.1  | 216.7  | 219.6  | 217.9  |
| 50°   | 786.7  | 796.8  | 567.0  | 214.3  | 212.5  | 211.3  | 213.7  | 212.5  | 214.3  | 216.7  | 211.9  |
| 52.5° | 750.9  | 465.0  | 207.7  | 206.5  | 207.7  | 206.5  | 210.7  | 207.7  | 208.3  | 205.9  | 200.0  |
| 55°   | 254.3  | 201.1  | 199.4  | 198.8  | 202.3  | 202.3  | 202.3  | 197.6  | 194.6  | 188.6  | 184.4  |
| 57.5° | 194.6  | 194.6  | 194.0  | 194.6  | 193.4  | 192.2  | 186.8  | 182.6  | 178.5  | 170.1  | 167.7  |
| 60°   | 184.4  | 184.4  | 184.4  | 184.4  | 179.1  | 176.7  | 168.3  | 164.7  | 157.6  | 153.4  | 151.0  |
| 62.5° | 176.1  | 174.9  | 169.5  | 167.7  | 161.8  | 155.2  | 150.4  | 146.8  | 139.7  | 137.3  | 135.5  |
| 65°   | 164.1  | 160.0  | 153.4  | 146.2  | 143.2  | 136.1  | 133.7  | 128.3  | 124.7  | 123.0  | 121.8  |
| 67.5° | 144.4  | 138.5  | 133.1  | 128.3  | 123.0  | 120.6  | 117.6  | 113.4  | 111.0  | 109.8  | 108.6  |
| 70°   | 123.6  | 119.4  | 114.0  | 111.0  | 107.4  | 105.6  | 101.5  | 100.3  | 98.5   | 96.7   | 94.9   |
| 72.5° | 103.3  | 100.9  | 98.5   | 94.3   | 93.1   | 91.9   | 87.7   | 85.4   | 83.0   | 80.6   | 79.4   |
| 75°   | 86.5   | 84.8   | 83.6   | 80.0   | 78.2   | 74.6   | 71.6   | 69.8   | 68.0   | 66.3   | 65.1   |
| 77.5° | 71.0   | 69.8   | 66.3   | 63.9   | 62.7   | 59.7   | 58.5   | 59.1   | 57.9   | 55.5   | 54.3   |
| 80°   | 55.5   | 54.3   | 51.3   | 51.3   | 50.1   | 48.9   | 47.7   | 46.6   | 45.4   | 43.6   | 42.4   |
| 82.5° | 42.4   | 41.2   | 40.0   | 38.8   | 37.6   | 37.0   | 36.4   | 35.2   | 34.0   | 32.8   | 32.2   |
| 85°   | 29.8   | 29.2   | 28.6   | 28.1   | 27.5   | 26.9   | 26.3   | 25.1   | 23.9   | 23.3   | 22.7   |
| 87.5° | 20.3   | 19.7   | 19.1   | 18.5   | 17.9   | 17.3   | 16.7   | 16.1   | 14.9   | 14.3   | 13.7   |
| 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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**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 57.5°  | 60°    | 62.5°  | 65°    | 67.5°  | 70°    | 72.5°  | 75°    | 77.5°  | 80°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 |
| 2.5°  | 1408.0 | 1411.0 | 1408.0 | 1401.4 | 1397.3 | 1395.5 | 1399.1 | 1399.1 | 1401.4 | 1404.4 | 1405.0 |
| 5°    | 1385.9 | 1378.8 | 1370.4 | 1362.1 | 1357.9 | 1355.5 | 1348.9 | 1350.1 | 1351.9 | 1353.1 | 1354.3 |
| 7.5°  | 1331.0 | 1321.5 | 1310.1 | 1299.4 | 1295.2 | 1291.6 | 1283.9 | 1283.9 | 1283.9 | 1284.5 | 1288.0 |
| 10°   | 1274.9 | 1270.7 | 1266.0 | 1258.8 | 1253.4 | 1251.6 | 1245.1 | 1246.9 | 1245.7 | 1247.5 | 1251.6 |
| 12.5° | 1248.6 | 1243.9 | 1239.7 | 1232.5 | 1226.6 | 1224.2 | 1221.2 | 1223.0 | 1222.4 | 1225.4 | 1229.0 |
| 15°   | 1224.8 | 1222.4 | 1217.6 | 1212.2 | 1206.9 | 1202.1 | 1191.4 | 1187.8 | 1185.4 | 1182.4 | 1186.6 |
| 17.5° | 1185.4 | 1168.7 | 1157.3 | 1149.0 | 1143.0 | 1138.8 | 1135.8 | 1135.8 | 1137.6 | 1139.4 | 1143.0 |
| 20°   | 1131.7 | 1126.9 | 1121.5 | 1112.6 | 1106.6 | 1104.2 | 1102.4 | 1102.4 | 1105.4 | 1107.8 | 1114.4 |
| 22.5° | 1094.7 | 1094.1 | 1092.3 | 1088.1 | 1085.1 | 1085.1 | 1085.7 | 1086.9 | 1091.1 | 1094.7 | 1101.2 |
| 25°   | 1077.3 | 1079.7 | 1078.5 | 1076.2 | 1074.4 | 1075.0 | 1073.8 | 1075.0 | 1079.1 | 1082.7 | 1088.1 |
| 27.5° | 1063.6 | 1067.2 | 1066.0 | 1062.4 | 1059.4 | 1060.6 | 1062.4 | 1061.2 | 1064.8 | 1069.0 | 1073.2 |
| 30°   | 1045.1 | 1045.7 | 1048.1 | 1043.9 | 1042.7 | 1044.5 | 1045.1 | 1046.3 | 1049.9 | 1052.9 | 1056.5 |
| 32.5° | 1024.2 | 1029.0 | 1028.4 | 1024.2 | 1024.2 | 1026.0 | 1026.6 | 986.6  | 912.0  | 785.5  | 750.9  |
| 35°   | 1003.9 | 1009.3 | 1000.4 | 843.4  | 583.7  | 311.6  | 240.5  | 232.2  | 234.0  | 235.2  | 236.4  |
| 37.5° | 742.5  | 352.2  | 224.4  | 226.2  | 228.0  | 229.8  | 231.6  | 233.4  | 235.2  | 237.0  | 237.6  |
| 40°   | 223.2  | 222.6  | 224.4  | 226.8  | 228.6  | 229.8  | 232.2  | 234.0  | 235.8  | 237.6  | 238.2  |
| 42.5° | 220.8  | 222.0  | 223.8  | 226.2  | 228.6  | 231.0  | 232.8  | 235.2  | 236.4  | 237.6  | 238.2  |
| 45°   | 219.6  | 222.0  | 224.4  | 226.2  | 228.0  | 229.2  | 230.4  | 231.0  | 230.4  | 230.4  | 231.6  |
| 47.5° | 217.9  | 220.2  | 220.8  | 220.2  | 220.8  | 220.2  | 220.2  | 220.2  | 218.5  | 217.9  | 217.9  |
| 50°   | 211.3  | 211.3  | 210.1  | 207.7  | 207.1  | 206.5  | 205.3  | 204.7  | 202.3  | 201.7  | 201.7  |
| 52.5° | 197.6  | 197.0  | 195.2  | 192.2  | 191.0  | 189.8  | 189.2  | 188.6  | 186.2  | 185.0  | 185.6  |
| 55°   | 181.4  | 180.3  | 178.5  | 174.9  | 174.3  | 173.1  | 172.5  | 171.9  | 169.5  | 170.7  | 168.9  |
| 57.5° | 166.5  | 164.1  | 161.8  | 161.2  | 158.8  | 158.2  | 157.6  | 157.0  | 155.2  | 155.8  | 154.6  |
| 60°   | 148.6  | 148.0  | 146.8  | 144.4  | 144.4  | 143.8  | 143.8  | 142.7  | 141.5  | 140.9  | 140.9  |
| 62.5° | 135.5  | 133.7  | 132.5  | 132.5  | 130.7  | 130.7  | 130.7  | 129.5  | 128.3  | 128.9  | 128.3  |
| 65°   | 121.2  | 120.6  | 120.0  | 118.8  | 118.8  | 118.2  | 118.2  | 117.0  | 115.2  | 115.8  | 114.6  |
| 67.5° | 109.2  | 108.0  | 106.8  | 106.2  | 103.9  | 102.7  | 102.1  | 101.5  | 99.1   | 99.7   | 98.5   |
| 70°   | 94.3   | 92.5   | 91.3   | 90.1   | 88.3   | 87.1   | 87.1   | 85.9   | 84.2   | 84.8   | 83.6   |
| 72.5° | 78.8   | 77.6   | 76.4   | 75.8   | 74.0   | 73.4   | 72.8   | 72.2   | 70.4   | 71.0   | 70.4   |
| 75°   | 65.7   | 65.7   | 65.1   | 64.5   | 62.7   | 60.9   | 59.7   | 59.1   | 57.9   | 58.5   | 57.3   |
| 77.5° | 54.3   | 53.1   | 51.9   | 51.9   | 50.1   | 48.9   | 47.7   | 47.7   | 47.7   | 47.2   | 46.6   |
| 80°   | 42.4   | 41.2   | 41.2   | 40.6   | 39.4   | 38.2   | 37.6   | 37.6   | 37.0   | 37.0   | 36.4   |
| 82.5° | 32.2   | 31.0   | 30.4   | 30.4   | 29.2   | 28.6   | 28.1   | 27.5   | 27.5   | 27.5   | 26.9   |
| 85°   | 22.7   | 21.5   | 20.9   | 20.9   | 19.7   | 19.1   | 19.1   | 18.5   | 18.5   | 17.9   | 17.9   |
| 87.5° | 13.7   | 13.1   | 12.5   | 12.5   | 11.3   | 10.7   | 10.7   | 10.7   | 10.1   | 10.1   | 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    |



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CATALOG NUMBER: 2SNLED-LD5-30HL-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°    | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 |
| 2.5°  | 1405.0 | 1405.0 | 1400.9 | 1402.0 | 1400.3 | 1402.6 | 1399.7 | 1399.7 | 1403.2 | 1403.2 | 1405.6 |
| 5°    | 1354.9 | 1351.9 | 1351.3 | 1350.1 | 1344.1 | 1346.5 | 1343.6 | 1340.6 | 1344.7 | 1344.7 | 1350.1 |
| 7.5°  | 1286.3 | 1280.9 | 1283.3 | 1279.7 | 1276.1 | 1270.7 | 1272.5 | 1270.1 | 1273.1 | 1277.3 | 1282.7 |
| 10°   | 1251.0 | 1246.3 | 1249.2 | 1245.7 | 1247.5 | 1239.7 | 1240.3 | 1240.9 | 1243.9 | 1245.1 | 1249.8 |
| 12.5° | 1228.4 | 1227.2 | 1226.0 | 1224.8 | 1226.0 | 1221.8 | 1219.4 | 1220.0 | 1221.2 | 1221.8 | 1225.4 |
| 15°   | 1180.6 | 1172.8 | 1175.2 | 1166.9 | 1167.5 | 1168.1 | 1163.3 | 1168.1 | 1167.5 | 1175.2 | 1182.4 |
| 17.5° | 1141.8 | 1141.8 | 1137.6 | 1134.1 | 1131.7 | 1131.1 | 1127.5 | 1129.9 | 1127.5 | 1132.3 | 1134.1 |
| 20°   | 1115.0 | 1114.4 | 1113.8 | 1112.0 | 1106.0 | 1106.6 | 1108.4 | 1103.0 | 1102.4 | 1101.8 | 1105.4 |
| 22.5° | 1102.4 | 1103.0 | 1100.6 | 1100.6 | 1095.3 | 1096.4 | 1097.0 | 1091.1 | 1091.7 | 1089.9 | 1091.7 |
| 25°   | 1089.3 | 1090.5 | 1087.5 | 1087.5 | 1086.3 | 1085.7 | 1082.7 | 1083.9 | 1080.3 | 1077.3 | 1080.3 |
| 27.5° | 1073.8 | 1076.2 | 1073.8 | 1075.0 | 1072.6 | 1071.4 | 1069.6 | 1068.4 | 1064.8 | 1064.2 | 1066.0 |
| 30°   | 1059.4 | 1060.6 | 1060.0 | 1057.1 | 1056.5 | 1052.9 | 1054.7 | 1051.1 | 1047.5 | 1048.1 | 1049.3 |
| 32.5° | 543.2  | 518.7  | 399.9  | 361.1  | 357.5  | 370.7  | 439.3  | 534.8  | 693.0  | 846.4  | 956.8  |
| 35°   | 237.0  | 237.0  | 237.0  | 236.4  | 236.4  | 235.8  | 235.2  | 234.6  | 234.0  | 233.4  | 232.8  |
| 37.5° | 238.2  | 238.2  | 238.2  | 238.2  | 237.6  | 237.0  | 237.0  | 235.8  | 235.2  | 234.6  | 234.0  |
| 40°   | 238.7  | 239.3  | 239.3  | 239.3  | 238.7  | 238.7  | 238.2  | 237.0  | 236.4  | 235.2  | 234.0  |
| 42.5° | 238.2  | 238.7  | 238.7  | 238.2  | 238.2  | 237.6  | 237.6  | 237.0  | 236.4  | 235.8  | 235.2  |
| 45°   | 230.4  | 231.0  | 229.8  | 229.8  | 229.2  | 229.2  | 229.2  | 229.2  | 229.2  | 229.8  | 229.8  |
| 47.5° | 216.7  | 216.7  | 216.1  | 215.5  | 215.5  | 214.9  | 215.5  | 214.9  | 216.1  | 216.7  | 217.9  |
| 50°   | 200.5  | 200.5  | 199.4  | 198.8  | 198.8  | 198.8  | 198.8  | 199.4  | 200.0  | 201.1  | 202.3  |
| 52.5° | 183.8  | 183.8  | 183.2  | 182.6  | 182.0  | 182.0  | 183.8  | 183.2  | 183.8  | 184.4  | 186.2  |
| 55°   | 167.7  | 168.3  | 167.1  | 167.1  | 166.5  | 166.5  | 166.5  | 167.1  | 167.7  | 168.3  | 170.1  |
| 57.5° | 154.0  | 154.0  | 152.8  | 152.8  | 152.8  | 152.2  | 154.0  | 152.8  | 153.4  | 154.0  | 155.2  |
| 60°   | 140.3  | 139.7  | 139.7  | 139.1  | 139.1  | 139.1  | 140.3  | 139.7  | 139.7  | 140.3  | 141.5  |
| 62.5° | 127.7  | 127.7  | 127.1  | 127.1  | 126.5  | 126.5  | 127.7  | 127.1  | 127.1  | 127.7  | 128.3  |
| 65°   | 113.4  | 113.4  | 112.8  | 112.2  | 114.0  | 112.2  | 114.0  | 112.8  | 114.0  | 114.6  | 115.8  |
| 67.5° | 97.3   | 97.3   | 97.3   | 96.7   | 96.7   | 97.9   | 98.5   | 97.3   | 97.9   | 99.1   | 99.7   |
| 70°   | 83.0   | 83.0   | 82.4   | 82.4   | 82.4   | 83.6   | 84.2   | 83.0   | 83.6   | 84.2   | 85.4   |
| 72.5° | 70.4   | 69.2   | 69.2   | 68.6   | 69.8   | 69.8   | 70.4   | 69.8   | 70.4   | 70.4   | 71.6   |
| 75°   | 57.9   | 56.7   | 56.7   | 56.7   | 57.9   | 57.3   | 57.9   | 57.3   | 57.9   | 57.9   | 58.5   |
| 77.5° | 46.6   | 46.0   | 45.4   | 45.4   | 46.6   | 46.6   | 46.6   | 46.0   | 46.6   | 47.2   | 47.7   |
| 80°   | 36.4   | 35.8   | 35.2   | 35.2   | 36.4   | 36.4   | 36.4   | 37.0   | 36.4   | 37.0   | 37.6   |
| 82.5° | 26.9   | 26.3   | 25.7   | 26.9   | 26.9   | 26.9   | 26.9   | 27.5   | 26.9   | 27.5   | 28.1   |
| 85°   | 17.9   | 17.3   | 16.7   | 17.9   | 17.9   | 17.9   | 17.9   | 18.5   | 17.9   | 18.5   | 19.1   |
| 87.5° | 9.5    | 9.0    | 9.0    | 9.5    | 9.5    | 9.5    | 10.1   | 10.1   | 10.1   | 10.7   | 10.7   |
| 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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**CANDELA DISTRIBUTION (continued):**

|       | 110°   | 112.5° | 115°   | 117.5° | 120°   | 122.5° | 125°   | 127.5° | 130°   | 132.5° | 135°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 |
| 2.5°  | 1409.2 | 1411.0 | 1410.4 | 1406.8 | 1403.2 | 1399.1 | 1396.1 | 1396.7 | 1402.6 | 1404.4 | 1399.1 |
| 5°    | 1350.1 | 1361.5 | 1361.5 | 1369.2 | 1365.0 | 1361.5 | 1363.8 | 1377.0 | 1383.5 | 1393.7 | 1397.3 |
| 7.5°  | 1289.2 | 1294.6 | 1294.0 | 1301.8 | 1300.6 | 1300.6 | 1302.4 | 1319.7 | 1328.0 | 1336.4 | 1338.8 |
| 10°   | 1255.2 | 1260.6 | 1260.0 | 1260.6 | 1258.8 | 1254.6 | 1254.6 | 1262.4 | 1269.5 | 1273.7 | 1274.9 |
| 12.5° | 1230.7 | 1233.7 | 1233.1 | 1233.1 | 1231.9 | 1228.4 | 1227.8 | 1234.3 | 1242.1 | 1247.5 | 1248.1 |
| 15°   | 1194.3 | 1202.7 | 1204.5 | 1212.2 | 1210.5 | 1205.7 | 1206.9 | 1212.2 | 1217.0 | 1221.8 | 1220.0 |
| 17.5° | 1140.0 | 1144.2 | 1144.8 | 1147.8 | 1146.6 | 1146.6 | 1153.7 | 1173.4 | 1186.6 | 1197.9 | 1199.1 |
| 20°   | 1109.0 | 1112.0 | 1110.8 | 1117.3 | 1114.4 | 1113.8 | 1115.5 | 1123.9 | 1129.9 | 1135.2 | 1144.8 |
| 22.5° | 1094.1 | 1096.4 | 1094.7 | 1095.3 | 1089.9 | 1085.1 | 1083.9 | 1090.5 | 1097.0 | 1104.2 | 1104.2 |
| 25°   | 1081.5 | 1083.3 | 1082.7 | 1081.5 | 1077.3 | 1070.8 | 1069.6 | 1070.8 | 1073.2 | 1073.8 | 1069.6 |
| 27.5° | 1066.6 | 1067.8 | 1067.8 | 1068.4 | 1063.0 | 1057.1 | 1055.9 | 1054.7 | 1057.1 | 1056.5 | 1049.9 |
| 30°   | 1051.1 | 1049.3 | 1049.9 | 1050.5 | 1045.7 | 1040.3 | 1038.0 | 1037.4 | 1039.7 | 1039.1 | 1032.6 |
| 32.5° | 1014.1 | 1027.8 | 1029.0 | 1030.2 | 1026.0 | 1021.2 | 1018.9 | 1017.1 | 1018.3 | 1017.7 | 1011.7 |
| 35°   | 232.2  | 236.4  | 289.5  | 655.4  | 889.9  | 985.4  | 995.6  | 993.2  | 993.8  | 993.8  | 989.0  |
| 37.5° | 232.8  | 232.2  | 231.6  | 229.8  | 228.0  | 226.8  | 392.1  | 836.2  | 968.7  | 969.3  | 965.1  |
| 40°   | 232.8  | 232.2  | 231.6  | 230.4  | 228.0  | 226.2  | 223.2  | 220.8  | 226.2  | 497.8  | 910.8  |
| 42.5° | 234.0  | 232.8  | 231.6  | 230.4  | 228.0  | 225.6  | 223.2  | 220.2  | 222.0  | 220.8  | 217.9  |
| 45°   | 230.4  | 229.8  | 229.8  | 229.2  | 228.0  | 225.6  | 222.6  | 219.1  | 217.3  | 219.1  | 216.1  |
| 47.5° | 219.1  | 219.6  | 221.4  | 222.0  | 222.0  | 222.6  | 220.8  | 218.5  | 215.5  | 217.3  | 213.7  |
| 50°   | 203.5  | 204.7  | 205.3  | 208.3  | 209.5  | 211.9  | 212.5  | 212.5  | 211.9  | 214.3  | 211.9  |
| 52.5° | 186.8  | 188.0  | 191.0  | 192.2  | 193.4  | 197.0  | 198.2  | 200.0  | 201.1  | 204.7  | 207.1  |
| 55°   | 170.7  | 171.3  | 172.5  | 174.9  | 176.7  | 179.7  | 181.4  | 183.2  | 186.2  | 188.0  | 195.2  |
| 57.5° | 155.8  | 156.4  | 158.8  | 159.4  | 160.6  | 162.9  | 164.7  | 167.1  | 169.5  | 170.7  | 179.1  |
| 60°   | 141.5  | 142.1  | 143.8  | 144.4  | 145.0  | 147.4  | 149.2  | 151.0  | 152.8  | 154.0  | 160.0  |
| 62.5° | 128.9  | 128.9  | 130.7  | 130.7  | 131.3  | 133.1  | 134.3  | 135.5  | 137.3  | 137.9  | 140.9  |
| 65°   | 116.4  | 117.0  | 118.2  | 118.2  | 118.8  | 120.0  | 120.6  | 121.2  | 123.0  | 123.0  | 125.3  |
| 67.5° | 100.9  | 101.5  | 103.3  | 104.5  | 105.0  | 107.4  | 108.0  | 108.6  | 109.8  | 110.4  | 111.6  |
| 70°   | 85.9   | 86.5   | 88.3   | 88.9   | 89.5   | 91.3   | 92.5   | 94.3   | 96.1   | 97.9   | 99.1   |
| 72.5° | 72.2   | 72.8   | 74.6   | 74.6   | 76.4   | 77.0   | 78.2   | 78.8   | 80.6   | 81.8   | 83.6   |
| 75°   | 59.1   | 59.7   | 61.5   | 61.5   | 63.3   | 63.9   | 64.5   | 65.1   | 66.3   | 67.4   | 68.6   |
| 77.5° | 48.3   | 48.3   | 50.7   | 51.9   | 53.1   | 53.1   | 53.7   | 53.7   | 53.7   | 54.3   | 55.5   |
| 80°   | 38.2   | 38.2   | 40.0   | 41.2   | 42.4   | 42.4   | 43.0   | 43.6   | 44.2   | 44.2   | 44.8   |
| 82.5° | 28.6   | 28.6   | 30.4   | 31.0   | 32.2   | 32.2   | 32.2   | 32.8   | 33.4   | 32.8   | 34.0   |
| 85°   | 19.7   | 19.7   | 20.9   | 21.5   | 22.7   | 22.7   | 22.7   | 23.3   | 23.9   | 23.3   | 23.9   |
| 87.5° | 11.3   | 11.9   | 12.5   | 13.1   | 13.7   | 14.3   | 14.3   | 14.3   | 14.9   | 14.9   | 15.5   |
| 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):**

|       | 137.5° | 140°   | 142.5° | 145°   | 147.5° | 150°   | 152.5° | 155°   | 157.5° | 160°   | 162.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 |
| 2.5°  | 1393.1 | 1385.9 | 1385.3 | 1377.0 | 1374.6 | 1375.2 | 1368.6 | 1366.2 | 1355.5 | 1353.1 | 1341.8 |
| 5°    | 1398.5 | 1402.0 | 1400.3 | 1399.7 | 1401.4 | 1400.3 | 1395.5 | 1393.1 | 1391.3 | 1386.5 | 1377.0 |
| 7.5°  | 1339.4 | 1341.8 | 1343.6 | 1351.3 | 1357.9 | 1369.2 | 1381.2 | 1388.9 | 1394.9 | 1396.1 | 1388.3 |
| 10°   | 1279.1 | 1290.4 | 1298.2 | 1310.1 | 1319.7 | 1326.2 | 1333.4 | 1340.0 | 1357.3 | 1374.6 | 1384.7 |
| 12.5° | 1248.1 | 1251.0 | 1250.4 | 1257.0 | 1263.6 | 1280.9 | 1297.6 | 1307.1 | 1320.3 | 1328.0 | 1346.5 |
| 15°   | 1221.8 | 1222.4 | 1224.2 | 1229.0 | 1232.5 | 1238.5 | 1246.3 | 1260.6 | 1286.8 | 1298.8 | 1308.9 |
| 17.5° | 1197.9 | 1197.9 | 1199.1 | 1203.3 | 1208.1 | 1213.4 | 1218.2 | 1224.2 | 1237.3 | 1257.0 | 1282.1 |
| 20°   | 1159.7 | 1176.4 | 1178.2 | 1177.6 | 1180.0 | 1190.2 | 1191.4 | 1202.1 | 1208.7 | 1216.4 | 1240.9 |
| 22.5° | 1103.0 | 1113.2 | 1127.5 | 1149.6 | 1157.9 | 1162.7 | 1166.3 | 1171.1 | 1181.2 | 1190.2 | 1200.3 |
| 25°   | 1072.0 | 1078.5 | 1082.7 | 1089.3 | 1106.6 | 1134.6 | 1140.0 | 1145.4 | 1152.0 | 1158.5 | 1171.1 |
| 27.5° | 1044.5 | 1043.9 | 1046.9 | 1052.9 | 1057.7 | 1072.6 | 1098.8 | 1119.7 | 1120.9 | 1130.5 | 1141.2 |
| 30°   | 1024.8 | 1021.2 | 1017.1 | 1015.9 | 1022.4 | 1030.2 | 1038.0 | 1070.8 | 1093.5 | 1098.2 | 1109.6 |
| 32.5° | 1006.3 | 1000.4 | 994.4  | 989.6  | 985.4  | 992.0  | 996.8  | 1011.1 | 1040.3 | 1067.8 | 1073.8 |
| 35°   | 983.6  | 977.7  | 970.5  | 965.1  | 958.6  | 958.0  | 957.4  | 971.1  | 980.7  | 1013.5 | 1042.1 |
| 37.5° | 960.4  | 953.8  | 947.8  | 941.9  | 935.3  | 930.5  | 927.5  | 931.1  | 940.1  | 954.4  | 1002.1 |
| 40°   | 935.9  | 928.1  | 922.2  | 917.4  | 908.4  | 904.9  | 898.9  | 896.5  | 897.1  | 909.6  | 934.7  |
| 42.5° | 559.3  | 891.7  | 894.7  | 889.3  | 881.6  | 876.8  | 870.2  | 867.3  | 861.3  | 867.3  | 881.6  |
| 45°   | 215.5  | 217.9  | 652.4  | 861.9  | 852.3  | 846.4  | 840.4  | 837.4  | 830.8  | 826.1  | 839.2  |
| 47.5° | 211.3  | 213.7  | 208.9  | 296.0  | 813.5  | 815.3  | 808.2  | 805.2  | 798.6  | 795.0  | 791.4  |
| 50°   | 208.3  | 210.1  | 206.5  | 207.7  | 203.5  | 745.5  | 775.3  | 771.8  | 764.6  | 760.4  | 753.2  |
| 52.5° | 205.3  | 205.3  | 202.9  | 200.0  | 198.8  | 199.4  | 627.3  | 737.7  | 729.4  | 725.2  | 715.6  |
| 55°   | 195.8  | 197.0  | 199.4  | 194.6  | 193.4  | 192.8  | 191.0  | 597.5  | 690.6  | 685.8  | 677.4  |
| 57.5° | 181.4  | 183.8  | 190.4  | 189.2  | 189.2  | 184.4  | 183.2  | 183.2  | 554.5  | 645.8  | 637.5  |
| 60°   | 164.7  | 167.1  | 174.3  | 176.7  | 178.5  | 177.3  | 176.1  | 175.5  | 173.1  | 584.3  | 595.1  |
| 62.5° | 147.4  | 149.8  | 152.2  | 160.0  | 162.3  | 165.3  | 168.9  | 167.1  | 164.7  | 164.7  | 550.3  |
| 65°   | 128.9  | 132.5  | 133.7  | 140.9  | 143.8  | 149.2  | 152.2  | 156.4  | 155.2  | 154.6  | 157.6  |
| 67.5° | 112.8  | 117.0  | 117.6  | 120.6  | 125.9  | 128.3  | 131.9  | 139.7  | 143.2  | 144.4  | 145.6  |
| 70°   | 99.1   | 101.5  | 103.3  | 104.5  | 108.0  | 108.6  | 115.2  | 120.6  | 125.9  | 131.9  | 133.7  |
| 72.5° | 85.4   | 87.1   | 90.7   | 89.5   | 90.7   | 93.1   | 96.7   | 100.3  | 105.6  | 114.0  | 119.4  |
| 75°   | 69.8   | 71.0   | 73.4   | 74.6   | 77.0   | 78.8   | 81.2   | 84.2   | 88.9   | 93.1   | 100.3  |
| 77.5° | 56.1   | 56.7   | 58.5   | 59.1   | 61.5   | 63.3   | 67.4   | 69.2   | 72.2   | 75.2   | 79.4   |
| 80°   | 45.4   | 45.4   | 46.0   | 46.0   | 47.7   | 49.5   | 52.5   | 54.3   | 57.9   | 60.3   | 60.3   |
| 82.5° | 34.6   | 34.6   | 36.4   | 36.4   | 37.6   | 37.6   | 39.4   | 39.4   | 41.2   | 42.4   | 43.6   |
| 85°   | 24.5   | 25.1   | 26.3   | 25.7   | 26.9   | 26.3   | 27.5   | 28.6   | 29.2   | 28.6   | 28.1   |
| 87.5° | 16.1   | 16.1   | 17.3   | 16.7   | 17.3   | 17.3   | 18.5   | 18.5   | 19.1   | 19.1   | 18.5   |
| 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: P1213693

CATALOG NUMBER: 2SNLED-LD5-30HL-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°    | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 |
| 2.5°  | 1337.6 | 1328.6 | 1323.3 | 1316.7 | 1314.9 | 1313.1 | 1315.5 | 1315.5 | 1311.9 | 1308.9 | 1303.6 |
| 5°    | 1368.6 | 1359.1 | 1348.9 | 1338.2 | 1328.0 | 1317.3 | 1313.1 | 1312.5 | 1305.9 | 1302.4 | 1300.6 |
| 7.5°  | 1384.7 | 1380.0 | 1368.6 | 1353.7 | 1338.2 | 1319.1 | 1310.7 | 1305.9 | 1299.4 | 1298.2 | 1298.2 |
| 10°   | 1386.5 | 1381.2 | 1375.2 | 1364.4 | 1346.5 | 1321.5 | 1305.4 | 1295.8 | 1289.8 | 1294.0 | 1301.8 |
| 12.5° | 1369.2 | 1379.4 | 1374.0 | 1366.8 | 1352.5 | 1322.1 | 1298.8 | 1284.5 | 1282.7 | 1293.4 | 1313.7 |
| 15°   | 1325.0 | 1354.9 | 1369.8 | 1362.7 | 1351.3 | 1320.9 | 1288.0 | 1271.3 | 1271.3 | 1293.4 | 1319.7 |
| 17.5° | 1291.6 | 1314.9 | 1351.3 | 1357.3 | 1344.1 | 1318.5 | 1277.9 | 1258.2 | 1263.6 | 1295.8 | 1323.9 |
| 20°   | 1264.2 | 1278.5 | 1313.7 | 1347.1 | 1334.6 | 1313.1 | 1263.0 | 1242.7 | 1253.4 | 1292.2 | 1329.8 |
| 22.5° | 1221.2 | 1249.8 | 1271.3 | 1320.9 | 1325.0 | 1303.0 | 1248.1 | 1223.6 | 1245.1 | 1292.2 | 1326.8 |
| 25°   | 1179.4 | 1214.0 | 1236.7 | 1285.1 | 1310.7 | 1290.4 | 1234.3 | 1203.3 | 1236.1 | 1290.4 | 1324.5 |
| 27.5° | 1150.2 | 1166.3 | 1207.5 | 1242.1 | 1289.2 | 1273.7 | 1215.8 | 1181.2 | 1224.8 | 1280.9 | 1310.7 |
| 30°   | 1119.1 | 1129.9 | 1170.5 | 1203.3 | 1260.6 | 1254.6 | 1196.7 | 1156.7 | 1210.5 | 1271.9 | 1274.9 |
| 32.5° | 1085.1 | 1097.0 | 1117.9 | 1165.7 | 1220.6 | 1236.7 | 1175.2 | 1132.3 | 1194.9 | 1258.2 | 1233.1 |
| 35°   | 1050.5 | 1059.4 | 1076.2 | 1127.5 | 1174.0 | 1209.9 | 1149.0 | 1104.2 | 1184.2 | 1237.3 | 1193.1 |
| 37.5° | 1015.9 | 1025.4 | 1039.7 | 1082.7 | 1125.1 | 1184.8 | 1126.3 | 1076.2 | 1164.5 | 1200.3 | 1151.4 |
| 40°   | 983.0  | 988.4  | 1003.3 | 1030.2 | 1084.5 | 1159.1 | 1100.6 | 1046.9 | 1144.2 | 1153.2 | 1094.7 |
| 42.5° | 922.8  | 949.6  | 963.3  | 984.8  | 1038.6 | 1123.9 | 1070.8 | 1015.9 | 1121.5 | 1106.0 | 1038.0 |
| 45°   | 857.7  | 916.2  | 922.2  | 943.6  | 998.0  | 1086.3 | 1042.7 | 985.4  | 1100.0 | 1065.4 | 984.2  |
| 47.5° | 804.6  | 847.0  | 881.6  | 899.5  | 949.6  | 1042.1 | 1016.5 | 959.8  | 1067.8 | 1014.1 | 931.7  |
| 50°   | 757.4  | 780.1  | 842.8  | 855.9  | 891.7  | 989.0  | 985.4  | 929.9  | 1023.0 | 949.6  | 880.4  |
| 52.5° | 711.5  | 727.6  | 784.3  | 812.3  | 841.6  | 931.7  | 948.4  | 900.7  | 974.1  | 885.2  | 828.5  |
| 55°   | 671.5  | 676.8  | 707.9  | 767.0  | 793.2  | 873.8  | 907.8  | 866.7  | 912.0  | 823.7  | 778.3  |
| 57.5° | 630.3  | 625.5  | 648.2  | 724.0  | 743.1  | 814.7  | 864.9  | 832.0  | 861.9  | 761.0  | 726.4  |
| 60°   | 587.3  | 580.8  | 590.3  | 640.4  | 690.0  | 756.2  | 814.1  | 793.8  | 801.0  | 698.9  | 668.5  |
| 62.5° | 542.6  | 536.0  | 533.0  | 564.6  | 638.1  | 695.9  | 762.8  | 751.5  | 726.4  | 642.2  | 596.9  |
| 65°   | 496.0  | 489.4  | 484.7  | 497.2  | 580.8  | 617.8  | 705.5  | 702.5  | 644.6  | 582.5  | 502.6  |
| 67.5° | 151.0  | 445.3  | 435.1  | 434.5  | 489.4  | 546.7  | 643.4  | 638.6  | 562.3  | 518.7  | 432.7  |
| 70°   | 136.1  | 361.1  | 383.8  | 378.4  | 402.3  | 474.5  | 572.4  | 568.8  | 482.3  | 416.0  | 382.6  |
| 72.5° | 124.7  | 127.7  | 339.0  | 333.1  | 338.4  | 403.5  | 498.4  | 488.8  | 408.9  | 328.3  | 330.7  |
| 75°   | 106.8  | 112.2  | 117.0  | 281.1  | 274.0  | 334.2  | 417.8  | 402.9  | 337.2  | 271.0  | 276.4  |
| 77.5° | 87.1   | 93.7   | 97.3   | 204.7  | 221.4  | 238.2  | 333.6  | 314.0  | 232.2  | 216.7  | 103.3  |
| 80°   | 65.1   | 70.4   | 76.4   | 81.8   | 168.3  | 166.5  | 247.7  | 228.0  | 161.8  | 134.9  | 80.6   |
| 82.5° | 47.7   | 49.5   | 53.1   | 59.1   | 66.8   | 111.6  | 159.4  | 140.3  | 112.2  | 61.5   | 55.5   |
| 85°   | 29.8   | 32.2   | 34.0   | 35.8   | 40.6   | 66.8   | 78.8   | 62.7   | 47.2   | 37.6   | 35.2   |
| 87.5° | 19.1   | 19.1   | 18.5   | 19.1   | 19.7   | 23.9   | 26.9   | 25.7   | 20.3   | 19.1   | 19.1   |
| 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: P1213693

CATALOG NUMBER: 2SNLED-LD5-30HL-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°    | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 |
| 2.5°  | 1297.6 | 1289.2 | 1289.2 | 1286.8 | 1288.6 | 1288.6 | 1288.0 | 1288.6 | 1292.8 | 1295.2 | 1299.4 |
| 5°    | 1297.0 | 1294.6 | 1300.0 | 1306.5 | 1314.3 | 1323.9 | 1326.2 | 1334.6 | 1342.4 | 1352.5 | 1363.2 |
| 7.5°  | 1304.8 | 1313.1 | 1323.3 | 1334.0 | 1349.5 | 1360.9 | 1371.0 | 1381.2 | 1388.3 | 1397.9 | 1403.8 |
| 10°   | 1316.1 | 1332.8 | 1350.1 | 1363.8 | 1380.6 | 1390.1 | 1396.7 | 1397.9 | 1387.7 | 1371.6 | 1358.5 |
| 12.5° | 1332.2 | 1351.9 | 1368.0 | 1381.2 | 1388.9 | 1385.3 | 1366.2 | 1346.5 | 1335.2 | 1318.5 | 1295.2 |
| 15°   | 1345.9 | 1363.8 | 1380.6 | 1375.2 | 1354.3 | 1334.6 | 1319.7 | 1296.4 | 1273.7 | 1258.2 | 1248.1 |
| 17.5° | 1351.9 | 1369.2 | 1363.2 | 1335.2 | 1315.5 | 1292.8 | 1262.4 | 1244.5 | 1229.6 | 1217.6 | 1211.6 |
| 20°   | 1355.5 | 1352.5 | 1320.3 | 1300.0 | 1261.8 | 1240.9 | 1221.2 | 1204.5 | 1193.1 | 1187.2 | 1186.0 |
| 22.5° | 1345.9 | 1309.5 | 1282.1 | 1245.7 | 1217.6 | 1200.3 | 1184.8 | 1171.1 | 1163.3 | 1158.5 | 1155.5 |
| 25°   | 1314.3 | 1271.9 | 1231.3 | 1202.7 | 1178.8 | 1163.9 | 1152.0 | 1140.6 | 1131.1 | 1128.7 | 1122.7 |
| 27.5° | 1270.1 | 1235.5 | 1181.8 | 1159.7 | 1138.8 | 1131.7 | 1118.5 | 1107.2 | 1098.8 | 1091.7 | 1072.6 |
| 30°   | 1233.7 | 1178.8 | 1140.0 | 1119.7 | 1107.2 | 1098.8 | 1083.9 | 1072.0 | 1057.7 | 1031.4 | 1020.6 |
| 32.5° | 1189.0 | 1134.6 | 1097.6 | 1086.3 | 1070.8 | 1063.6 | 1046.9 | 1020.6 | 998.6  | 987.8  | 987.2  |
| 35°   | 1131.1 | 1086.3 | 1059.4 | 1049.3 | 1036.8 | 1024.8 | 990.2  | 966.3  | 955.6  | 956.8  | 965.7  |
| 37.5° | 1082.7 | 1042.7 | 1025.4 | 1011.1 | 996.8  | 966.3  | 937.1  | 925.7  | 928.7  | 934.7  | 938.9  |
| 40°   | 1033.8 | 1003.3 | 983.6  | 972.3  | 940.1  | 910.2  | 894.7  | 898.9  | 904.3  | 908.4  | 913.8  |
| 42.5° | 986.0  | 964.5  | 944.8  | 922.8  | 878.6  | 862.5  | 866.1  | 871.4  | 876.2  | 882.2  | 887.5  |
| 45°   | 940.7  | 921.6  | 898.9  | 848.7  | 826.7  | 830.8  | 836.2  | 840.4  | 847.6  | 851.7  | 857.1  |
| 47.5° | 897.7  | 877.4  | 837.4  | 793.2  | 790.9  | 799.2  | 804.0  | 809.4  | 814.7  | 804.0  | 443.5  |
| 50°   | 849.3  | 828.5  | 767.6  | 750.9  | 756.2  | 764.0  | 770.0  | 775.3  | 690.6  | 274.6  | 211.3  |
| 52.5° | 801.6  | 748.5  | 709.7  | 714.5  | 719.8  | 728.8  | 733.0  | 544.3  | 216.7  | 206.5  | 207.1  |
| 55°   | 748.5  | 680.4  | 669.1  | 675.1  | 679.8  | 688.8  | 456.6  | 200.0  | 198.8  | 198.2  | 202.9  |
| 57.5° | 664.9  | 623.7  | 628.5  | 634.5  | 639.2  | 451.2  | 194.6  | 193.4  | 194.0  | 194.6  | 195.2  |
| 60°   | 590.3  | 581.4  | 586.7  | 592.1  | 419.0  | 188.0  | 184.4  | 185.0  | 187.4  | 185.6  | 180.9  |
| 62.5° | 531.2  | 538.4  | 543.7  | 476.3  | 178.5  | 176.7  | 178.5  | 176.7  | 172.5  | 169.5  | 163.5  |
| 65°   | 485.9  | 493.0  | 497.2  | 167.7  | 167.1  | 169.5  | 167.7  | 161.8  | 155.2  | 146.8  | 145.0  |
| 67.5° | 438.1  | 445.3  | 159.4  | 155.2  | 157.6  | 154.6  | 147.4  | 140.3  | 135.5  | 128.3  | 125.3  |
| 70°   | 388.6  | 166.5  | 144.4  | 143.8  | 139.7  | 134.9  | 127.1  | 120.0  | 114.0  | 111.0  | 108.0  |
| 72.5° | 280.5  | 131.9  | 130.1  | 125.3  | 118.2  | 111.6  | 105.0  | 100.9  | 97.9   | 96.1   | 94.3   |
| 75°   | 117.0  | 114.6  | 109.2  | 100.9  | 93.7   | 90.7   | 85.9   | 83.0   | 81.8   | 78.2   | 77.0   |
| 77.5° | 97.9   | 93.1   | 85.4   | 79.4   | 75.2   | 73.4   | 69.8   | 66.3   | 64.5   | 63.9   | 61.5   |
| 80°   | 75.2   | 68.6   | 65.1   | 62.1   | 60.9   | 56.7   | 52.5   | 50.7   | 49.5   | 48.9   | 47.2   |
| 82.5° | 51.3   | 48.9   | 46.6   | 42.4   | 42.4   | 40.6   | 38.8   | 37.6   | 36.4   | 36.4   | 35.2   |
| 85°   | 33.4   | 31.6   | 31.0   | 29.2   | 29.2   | 28.1   | 27.5   | 26.9   | 26.3   | 25.7   | 25.1   |
| 87.5° | 19.1   | 19.1   | 19.7   | 19.1   | 19.1   | 18.5   | 17.9   | 17.3   | 16.7   | 16.7   | 15.5   |
| 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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CATALOG NUMBER: 2SNLED-LD5-30HL-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°    | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 |
| 2.5°  | 1304.8 | 1310.7 | 1311.9 | 1332.2 | 1343.6 | 1343.0 | 1339.4 | 1350.1 | 1343.6 | 1340.0 | 1343.6 |
| 5°    | 1374.0 | 1381.2 | 1387.1 | 1409.2 | 1417.0 | 1420.5 | 1420.0 | 1425.9 | 1421.1 | 1417.0 | 1417.0 |
| 7.5°  | 1408.0 | 1410.4 | 1412.8 | 1407.4 | 1403.8 | 1397.9 | 1388.9 | 1375.8 | 1369.2 | 1362.1 | 1353.1 |
| 10°   | 1351.9 | 1344.1 | 1347.1 | 1336.4 | 1327.4 | 1320.9 | 1312.5 | 1301.8 | 1292.8 | 1286.3 | 1276.1 |
| 12.5° | 1283.3 | 1282.7 | 1283.9 | 1285.7 | 1276.7 | 1271.3 | 1264.8 | 1257.0 | 1250.4 | 1243.3 | 1234.9 |
| 15°   | 1241.5 | 1242.1 | 1246.9 | 1245.1 | 1242.1 | 1239.1 | 1231.9 | 1229.6 | 1223.6 | 1215.8 | 1211.0 |
| 17.5° | 1211.6 | 1214.6 | 1219.4 | 1217.0 | 1212.2 | 1209.3 | 1203.9 | 1198.5 | 1193.1 | 1187.2 | 1180.0 |
| 20°   | 1185.4 | 1188.4 | 1191.4 | 1188.4 | 1179.4 | 1175.2 | 1168.1 | 1151.4 | 1139.4 | 1127.5 | 1116.7 |
| 22.5° | 1156.7 | 1158.5 | 1156.1 | 1146.6 | 1123.9 | 1113.2 | 1104.8 | 1100.0 | 1089.9 | 1083.3 | 1076.8 |
| 25°   | 1120.9 | 1110.8 | 1095.3 | 1084.5 | 1075.6 | 1070.8 | 1067.2 | 1066.6 | 1065.4 | 1064.2 | 1061.2 |
| 27.5° | 1062.4 | 1058.8 | 1050.5 | 1046.3 | 1046.9 | 1048.7 | 1049.3 | 1051.1 | 1049.3 | 1046.9 | 1044.5 |
| 30°   | 1018.9 | 1020.6 | 1021.2 | 1022.4 | 1025.4 | 1027.2 | 1027.8 | 1030.2 | 1029.0 | 1027.2 | 1026.0 |
| 32.5° | 991.4  | 995.6  | 998.0  | 1001.5 | 1003.3 | 1006.3 | 1006.3 | 1009.9 | 1006.3 | 1005.7 | 1004.5 |
| 35°   | 968.7  | 972.3  | 973.5  | 978.9  | 980.7  | 983.6  | 983.6  | 986.6  | 983.6  | 953.2  | 752.7  |
| 37.5° | 946.0  | 949.6  | 952.0  | 956.8  | 957.4  | 959.2  | 885.2  | 647.6  | 417.8  | 323.5  | 247.1  |
| 40°   | 919.2  | 923.4  | 925.7  | 927.5  | 651.8  | 413.6  | 284.7  | 231.6  | 231.6  | 233.4  | 235.2  |
| 42.5° | 890.5  | 893.5  | 622.5  | 362.3  | 225.6  | 225.0  | 226.8  | 228.6  | 230.4  | 232.8  | 235.2  |
| 45°   | 700.1  | 353.3  | 224.4  | 219.1  | 220.8  | 223.2  | 225.6  | 228.0  | 231.0  | 233.4  | 234.6  |
| 47.5° | 229.8  | 215.5  | 218.5  | 216.1  | 219.1  | 222.0  | 224.4  | 226.8  | 227.4  | 228.0  | 227.4  |
| 50°   | 212.5  | 212.5  | 214.3  | 214.3  | 216.7  | 217.9  | 217.9  | 217.9  | 215.5  | 214.9  | 213.1  |
| 52.5° | 205.3  | 210.1  | 207.7  | 208.9  | 207.7  | 205.9  | 204.1  | 202.3  | 198.8  | 197.6  | 195.2  |
| 55°   | 201.7  | 203.5  | 197.6  | 195.8  | 193.4  | 188.6  | 186.2  | 183.8  | 180.9  | 179.7  | 176.7  |
| 57.5° | 193.4  | 189.2  | 182.6  | 179.7  | 175.5  | 170.7  | 168.3  | 166.5  | 163.5  | 162.3  | 160.6  |
| 60°   | 177.9  | 169.5  | 165.3  | 161.8  | 157.0  | 152.8  | 151.0  | 149.8  | 147.4  | 146.8  | 145.0  |
| 62.5° | 158.8  | 151.6  | 148.0  | 143.2  | 139.7  | 137.3  | 135.5  | 134.9  | 132.5  | 132.5  | 131.3  |
| 65°   | 137.9  | 134.3  | 131.3  | 126.5  | 124.7  | 122.4  | 121.8  | 121.2  | 120.0  | 119.4  | 118.2  |
| 67.5° | 121.2  | 118.8  | 114.6  | 112.2  | 111.0  | 109.2  | 108.0  | 106.8  | 104.5  | 103.3  | 101.5  |
| 70°   | 106.2  | 104.5  | 100.3  | 98.5   | 96.1   | 93.1   | 91.3   | 90.1   | 88.3   | 87.1   | 85.4   |
| 72.5° | 91.9   | 86.5   | 83.6   | 81.8   | 80.0   | 77.0   | 76.4   | 75.2   | 73.4   | 72.8   | 71.0   |
| 75°   | 74.0   | 69.8   | 68.0   | 66.8   | 65.1   | 63.3   | 63.3   | 63.3   | 61.5   | 60.9   | 60.3   |
| 77.5° | 59.1   | 56.7   | 55.5   | 54.3   | 53.7   | 52.5   | 50.7   | 50.1   | 48.3   | 48.3   | 47.7   |
| 80°   | 45.4   | 44.2   | 43.0   | 42.4   | 41.8   | 40.6   | 39.4   | 38.8   | 37.0   | 37.0   | 36.4   |
| 82.5° | 33.4   | 32.8   | 32.2   | 31.6   | 31.0   | 30.4   | 28.6   | 28.1   | 26.9   | 26.9   | 26.3   |
| 85°   | 23.9   | 23.3   | 22.1   | 21.5   | 21.5   | 20.9   | 19.1   | 18.5   | 17.3   | 17.3   | 17.3   |
| 87.5° | 14.9   | 14.3   | 13.7   | 13.1   | 12.5   | 11.9   | 10.7   | 10.1   | 10.1   | 9.0    | 8.4    |
| 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-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 247.5° | 250°   | 252.5° | 255°   | 257.5° | 260°   | 262.5° | 265°   | 267.5° | 270°   | 272.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 |
| 2.5°  | 1336.4 | 1346.5 | 1345.3 | 1352.5 | 1354.3 | 1357.9 | 1359.1 | 1359.7 | 1350.7 | 1357.9 | 1358.5 |
| 5°    | 1415.2 | 1417.0 | 1418.2 | 1421.1 | 1424.1 | 1424.7 | 1421.7 | 1418.2 | 1419.4 | 1417.0 | 1411.0 |
| 7.5°  | 1351.9 | 1343.0 | 1341.2 | 1338.8 | 1337.6 | 1336.4 | 1331.0 | 1335.8 | 1330.4 | 1328.0 | 1319.7 |
| 10°   | 1274.3 | 1266.0 | 1265.4 | 1265.4 | 1267.2 | 1266.6 | 1265.4 | 1263.0 | 1267.7 | 1264.8 | 1263.0 |
| 12.5° | 1233.7 | 1230.7 | 1232.5 | 1231.3 | 1236.1 | 1237.3 | 1236.1 | 1236.1 | 1234.9 | 1232.5 | 1233.7 |
| 15°   | 1209.3 | 1206.9 | 1208.7 | 1206.9 | 1210.5 | 1211.0 | 1208.1 | 1209.9 | 1206.9 | 1203.9 | 1202.7 |
| 17.5° | 1177.0 | 1171.7 | 1167.5 | 1161.5 | 1162.1 | 1160.9 | 1157.3 | 1157.3 | 1154.3 | 1146.6 | 1147.2 |
| 20°   | 1115.0 | 1109.6 | 1107.2 | 1107.2 | 1110.2 | 1111.4 | 1110.8 | 1112.0 | 1109.0 | 1107.8 | 1103.0 |
| 22.5° | 1076.2 | 1075.6 | 1076.8 | 1079.7 | 1084.5 | 1091.1 | 1091.7 | 1091.7 | 1091.7 | 1091.1 | 1085.1 |
| 25°   | 1062.4 | 1062.4 | 1063.6 | 1067.8 | 1071.4 | 1076.2 | 1077.3 | 1078.5 | 1077.3 | 1077.3 | 1072.0 |
| 27.5° | 1046.9 | 1045.7 | 1048.1 | 1052.3 | 1056.5 | 1060.0 | 1063.0 | 1063.6 | 1061.8 | 1061.8 | 1063.6 |
| 30°   | 1027.8 | 1027.2 | 1030.2 | 1034.4 | 1038.0 | 1041.5 | 1044.5 | 1046.9 | 1044.5 | 1044.5 | 1042.7 |
| 32.5° | 1008.1 | 1008.1 | 1009.3 | 984.2  | 912.6  | 821.9  | 823.7  | 771.2  | 734.7  | 688.8  | 749.7  |
| 35°   | 629.1  | 457.8  | 393.3  | 333.1  | 290.7  | 263.2  | 262.6  | 253.7  | 249.5  | 246.5  | 245.9  |
| 37.5° | 237.6  | 238.7  | 241.1  | 242.3  | 244.1  | 245.3  | 245.9  | 245.9  | 245.9  | 245.9  | 245.3  |
| 40°   | 237.0  | 239.3  | 241.1  | 242.9  | 244.7  | 245.9  | 245.9  | 246.5  | 247.1  | 247.1  | 247.1  |
| 42.5° | 237.6  | 239.9  | 242.3  | 244.1  | 245.3  | 245.9  | 246.5  | 247.1  | 247.1  | 247.1  | 247.1  |
| 45°   | 237.0  | 238.2  | 238.2  | 238.7  | 238.7  | 238.7  | 239.3  | 239.3  | 238.7  | 238.2  | 239.3  |
| 47.5° | 228.0  | 228.0  | 226.2  | 225.6  | 225.0  | 223.8  | 224.4  | 223.8  | 223.2  | 222.6  | 223.8  |
| 50°   | 212.5  | 210.1  | 208.9  | 207.7  | 207.1  | 205.9  | 206.5  | 205.9  | 205.3  | 204.1  | 205.9  |
| 52.5° | 194.0  | 193.4  | 191.0  | 189.8  | 189.2  | 189.8  | 188.6  | 188.0  | 187.4  | 186.8  | 187.4  |
| 55°   | 176.1  | 173.7  | 173.1  | 171.9  | 171.3  | 171.9  | 171.3  | 170.7  | 170.1  | 169.5  | 170.1  |
| 57.5° | 160.0  | 158.2  | 157.6  | 156.4  | 156.4  | 156.4  | 156.4  | 155.8  | 155.2  | 154.6  | 155.2  |
| 60°   | 144.4  | 143.2  | 142.7  | 142.7  | 142.1  | 142.1  | 142.1  | 141.5  | 140.9  | 140.9  | 141.5  |
| 62.5° | 131.3  | 131.3  | 129.5  | 128.9  | 128.9  | 129.5  | 128.9  | 128.3  | 127.7  | 127.1  | 128.3  |
| 65°   | 117.6  | 115.2  | 114.6  | 113.4  | 112.2  | 112.8  | 112.2  | 111.6  | 111.0  | 110.4  | 111.6  |
| 67.5° | 100.9  | 100.3  | 97.9   | 96.7   | 96.1   | 96.7   | 96.1   | 95.5   | 94.9   | 94.3   | 95.5   |
| 70°   | 84.8   | 84.8   | 82.4   | 81.8   | 81.2   | 81.2   | 80.6   | 80.6   | 80.0   | 79.4   | 80.6   |
| 72.5° | 70.4   | 70.4   | 69.8   | 68.6   | 68.0   | 67.4   | 66.8   | 66.3   | 66.3   | 66.8   | 66.8   |
| 75°   | 58.5   | 57.3   | 54.9   | 55.5   | 54.9   | 54.3   | 54.3   | 53.7   | 53.1   | 54.3   | 53.7   |
| 77.5° | 46.0   | 45.4   | 43.6   | 44.2   | 43.6   | 43.0   | 43.0   | 42.4   | 41.8   | 42.4   | 42.4   |
| 80°   | 34.6   | 34.6   | 34.0   | 33.4   | 33.4   | 32.8   | 32.2   | 32.2   | 31.6   | 32.2   | 32.2   |
| 82.5° | 25.1   | 25.1   | 24.5   | 23.9   | 23.3   | 23.3   | 22.7   | 22.7   | 22.7   | 22.7   | 22.7   |
| 85°   | 16.1   | 15.5   | 15.5   | 14.3   | 14.3   | 14.3   | 13.7   | 13.7   | 13.7   | 13.7   | 13.7   |
| 87.5° | 7.8    | 7.8    | 7.2    | 7.2    | 6.6    | 6.0    | 6.0    | 5.4    | 5.4    | 6.0    | 6.0    |
| 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°    | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 |
| 2.5°  | 1347.7 | 1355.5 | 1348.9 | 1351.9 | 1352.5 | 1362.7 | 1362.1 | 1364.4 | 1360.3 | 1355.5 | 1348.9 |
| 5°    | 1416.4 | 1412.8 | 1408.0 | 1419.4 | 1413.4 | 1420.5 | 1422.9 | 1427.7 | 1427.7 | 1427.1 | 1421.7 |
| 7.5°  | 1328.6 | 1320.9 | 1326.8 | 1331.0 | 1332.8 | 1328.0 | 1337.6 | 1348.3 | 1357.3 | 1362.7 | 1363.2 |
| 10°   | 1260.0 | 1262.4 | 1261.8 | 1263.6 | 1267.7 | 1267.2 | 1273.1 | 1279.1 | 1281.5 | 1285.1 | 1286.3 |
| 12.5° | 1227.8 | 1227.2 | 1228.4 | 1232.5 | 1234.9 | 1234.3 | 1240.3 | 1243.9 | 1245.1 | 1245.7 | 1245.1 |
| 15°   | 1202.1 | 1197.9 | 1200.9 | 1201.5 | 1203.3 | 1203.3 | 1210.5 | 1215.8 | 1218.2 | 1219.4 | 1218.2 |
| 17.5° | 1153.7 | 1143.6 | 1153.2 | 1153.2 | 1159.7 | 1158.5 | 1169.9 | 1178.8 | 1183.6 | 1187.2 | 1187.2 |
| 20°   | 1106.0 | 1101.2 | 1104.8 | 1103.6 | 1108.4 | 1107.8 | 1115.0 | 1120.9 | 1125.1 | 1128.1 | 1131.7 |
| 22.5° | 1086.9 | 1088.1 | 1082.7 | 1083.3 | 1083.3 | 1082.7 | 1086.3 | 1089.3 | 1090.5 | 1092.3 | 1091.1 |
| 25°   | 1074.4 | 1075.6 | 1073.8 | 1070.8 | 1069.6 | 1070.8 | 1072.6 | 1076.2 | 1076.8 | 1075.6 | 1071.4 |
| 27.5° | 1061.8 | 1058.2 | 1061.2 | 1055.9 | 1054.7 | 1057.1 | 1059.4 | 1060.0 | 1060.6 | 1060.6 | 1057.1 |
| 30°   | 1042.7 | 1039.7 | 1042.7 | 1040.3 | 1038.0 | 1040.3 | 1042.1 | 1042.1 | 1043.3 | 1043.9 | 1039.7 |
| 32.5° | 728.8  | 734.7  | 831.4  | 889.9  | 972.3  | 1014.1 | 1021.8 | 1021.8 | 1023.0 | 1023.0 | 1019.5 |
| 35°   | 248.3  | 248.9  | 269.2  | 291.9  | 340.2  | 399.9  | 478.1  | 518.7  | 656.0  | 820.1  | 978.9  |
| 37.5° | 245.3  | 244.7  | 244.1  | 243.5  | 242.9  | 242.3  | 241.1  | 240.5  | 244.1  | 289.5  | 392.7  |
| 40°   | 246.5  | 245.9  | 244.7  | 244.1  | 243.5  | 242.3  | 241.7  | 240.5  | 239.3  | 238.2  | 237.0  |
| 42.5° | 246.5  | 245.9  | 245.3  | 244.7  | 244.1  | 243.5  | 242.3  | 241.1  | 239.9  | 238.2  | 236.4  |
| 45°   | 238.2  | 238.2  | 238.7  | 238.7  | 239.3  | 239.3  | 239.3  | 238.7  | 238.7  | 238.2  | 235.8  |
| 47.5° | 222.6  | 222.6  | 224.4  | 224.4  | 225.6  | 226.8  | 226.8  | 228.0  | 229.8  | 231.0  | 231.6  |
| 50°   | 204.7  | 204.7  | 206.5  | 207.1  | 208.3  | 210.1  | 211.9  | 212.5  | 214.3  | 216.7  | 219.1  |
| 52.5° | 186.8  | 186.8  | 188.6  | 188.6  | 189.8  | 191.6  | 193.4  | 194.0  | 196.4  | 198.8  | 201.7  |
| 55°   | 170.1  | 170.1  | 171.3  | 171.9  | 172.5  | 173.7  | 175.5  | 175.5  | 177.9  | 179.7  | 182.6  |
| 57.5° | 155.2  | 156.4  | 156.4  | 156.4  | 157.0  | 158.2  | 159.4  | 159.4  | 161.2  | 162.9  | 165.3  |
| 60°   | 140.9  | 142.1  | 142.1  | 142.1  | 142.7  | 143.2  | 144.4  | 144.4  | 145.6  | 146.8  | 149.2  |
| 62.5° | 127.7  | 128.9  | 128.9  | 129.5  | 129.5  | 130.1  | 131.3  | 130.7  | 131.9  | 132.5  | 134.3  |
| 65°   | 111.0  | 112.2  | 112.8  | 113.4  | 114.0  | 115.2  | 117.0  | 116.4  | 118.2  | 119.4  | 121.2  |
| 67.5° | 94.9   | 96.1   | 96.1   | 96.7   | 97.3   | 98.5   | 99.7   | 99.7   | 101.5  | 102.7  | 105.0  |
| 70°   | 80.0   | 81.2   | 81.2   | 81.8   | 82.4   | 83.6   | 84.8   | 84.2   | 85.9   | 87.1   | 88.9   |
| 72.5° | 66.3   | 67.4   | 67.4   | 68.0   | 68.0   | 69.2   | 70.4   | 71.6   | 71.6   | 72.8   | 74.0   |
| 75°   | 53.7   | 54.3   | 54.9   | 54.9   | 55.5   | 56.1   | 57.3   | 58.5   | 59.1   | 59.7   | 60.9   |
| 77.5° | 42.4   | 43.0   | 43.6   | 43.6   | 44.2   | 44.8   | 45.4   | 47.7   | 48.9   | 49.5   | 49.5   |
| 80°   | 32.2   | 32.8   | 32.8   | 32.8   | 33.4   | 34.0   | 35.2   | 35.2   | 37.6   | 37.6   | 38.2   |
| 82.5° | 22.7   | 23.3   | 23.3   | 23.3   | 23.9   | 25.1   | 25.7   | 26.3   | 27.5   | 28.1   | 28.1   |
| 85°   | 13.7   | 14.3   | 14.3   | 14.3   | 14.9   | 15.5   | 16.7   | 17.3   | 17.9   | 17.9   | 18.5   |
| 87.5° | 5.4    | 6.0    | 6.6    | 6.6    | 7.2    | 7.8    | 8.4    | 9.0    | 9.5    | 9.5    | 10.1   |
| 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°    | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 |
| 2.5°  | 1341.8 | 1345.9 | 1341.8 | 1344.1 | 1347.1 | 1341.8 | 1329.2 | 1324.5 | 1322.7 | 1315.5 | 1310.7 |
| 5°    | 1416.4 | 1416.4 | 1414.6 | 1419.4 | 1418.8 | 1410.4 | 1397.3 | 1391.3 | 1385.3 | 1377.6 | 1371.6 |
| 7.5°  | 1363.2 | 1368.0 | 1371.0 | 1389.5 | 1401.4 | 1402.6 | 1411.0 | 1412.8 | 1415.2 | 1412.8 | 1409.2 |
| 10°   | 1286.8 | 1285.1 | 1293.4 | 1310.7 | 1320.9 | 1326.2 | 1342.4 | 1350.1 | 1356.7 | 1369.8 | 1383.5 |
| 12.5° | 1243.9 | 1246.3 | 1249.8 | 1262.4 | 1271.9 | 1269.5 | 1276.1 | 1281.5 | 1289.2 | 1302.4 | 1322.1 |
| 15°   | 1215.2 | 1217.6 | 1221.2 | 1230.7 | 1236.7 | 1233.7 | 1237.3 | 1240.9 | 1246.3 | 1252.8 | 1264.8 |
| 17.5° | 1184.2 | 1188.4 | 1192.5 | 1202.7 | 1208.1 | 1207.5 | 1210.5 | 1211.6 | 1213.4 | 1217.6 | 1226.0 |
| 20°   | 1135.8 | 1149.0 | 1157.3 | 1171.1 | 1178.8 | 1177.6 | 1183.0 | 1184.8 | 1187.2 | 1191.4 | 1194.9 |
| 22.5° | 1091.7 | 1095.3 | 1099.4 | 1114.4 | 1127.5 | 1143.6 | 1147.2 | 1152.0 | 1157.9 | 1162.1 | 1165.7 |
| 25°   | 1066.6 | 1064.2 | 1066.0 | 1076.2 | 1083.3 | 1084.5 | 1089.9 | 1105.4 | 1121.5 | 1128.7 | 1137.0 |
| 27.5° | 1051.7 | 1049.3 | 1048.7 | 1053.5 | 1054.7 | 1051.7 | 1050.5 | 1055.3 | 1067.2 | 1079.1 | 1104.2 |
| 30°   | 1035.6 | 1032.6 | 1030.2 | 1034.4 | 1036.2 | 1032.0 | 1024.2 | 1020.0 | 1027.2 | 1030.2 | 1040.3 |
| 32.5° | 1016.5 | 1013.5 | 1012.3 | 1014.7 | 1015.9 | 1012.3 | 1003.9 | 999.2  | 998.0  | 995.6  | 998.0  |
| 35°   | 995.0  | 992.0  | 990.2  | 990.8  | 993.2  | 990.2  | 983.0  | 977.1  | 974.1  | 967.5  | 962.7  |
| 37.5° | 512.7  | 726.4  | 943.1  | 965.7  | 968.1  | 967.5  | 960.4  | 953.8  | 950.8  | 943.1  | 940.7  |
| 40°   | 234.6  | 262.0  | 393.3  | 513.9  | 741.3  | 941.9  | 935.3  | 928.7  | 923.4  | 921.0  | 912.0  |
| 42.5° | 234.0  | 234.6  | 235.2  | 232.2  | 287.7  | 490.0  | 723.4  | 903.1  | 899.5  | 893.5  | 886.9  |
| 45°   | 234.0  | 231.0  | 233.4  | 229.8  | 231.0  | 230.4  | 287.1  | 463.2  | 824.3  | 861.3  | 858.3  |
| 47.5° | 231.6  | 229.8  | 232.2  | 229.2  | 225.6  | 227.4  | 225.0  | 228.0  | 355.7  | 603.4  | 826.7  |
| 50°   | 220.8  | 222.0  | 226.2  | 225.6  | 222.6  | 225.0  | 220.8  | 224.4  | 221.4  | 242.9  | 467.9  |
| 52.5° | 204.7  | 207.1  | 211.3  | 214.9  | 216.1  | 219.1  | 217.9  | 219.1  | 216.7  | 217.3  | 217.9  |
| 55°   | 185.6  | 188.6  | 192.2  | 197.6  | 200.0  | 204.7  | 208.3  | 210.1  | 213.1  | 212.5  | 207.7  |
| 57.5° | 167.7  | 170.7  | 173.7  | 179.1  | 184.4  | 186.8  | 193.4  | 197.0  | 204.7  | 202.9  | 201.7  |
| 60°   | 151.0  | 153.4  | 156.4  | 157.6  | 164.1  | 168.3  | 174.3  | 177.9  | 188.0  | 190.4  | 194.0  |
| 62.5° | 136.1  | 137.3  | 139.7  | 141.5  | 145.6  | 149.8  | 152.8  | 158.8  | 164.1  | 171.9  | 177.3  |
| 65°   | 122.4  | 123.6  | 125.3  | 126.5  | 127.1  | 133.1  | 134.9  | 141.5  | 143.2  | 151.6  | 156.4  |
| 67.5° | 106.8  | 109.2  | 111.6  | 112.8  | 114.0  | 117.6  | 118.8  | 121.8  | 125.9  | 129.5  | 135.5  |
| 70°   | 90.7   | 92.5   | 94.9   | 96.7   | 99.1   | 101.5  | 105.0  | 106.8  | 109.8  | 112.2  | 117.0  |
| 72.5° | 75.8   | 77.6   | 78.8   | 80.6   | 82.4   | 84.2   | 87.1   | 91.3   | 93.7   | 97.9   | 99.1   |
| 75°   | 61.5   | 63.3   | 64.5   | 65.7   | 67.4   | 68.6   | 69.8   | 74.0   | 76.4   | 80.0   | 83.6   |
| 77.5° | 50.7   | 50.7   | 51.9   | 55.5   | 54.9   | 54.9   | 56.1   | 58.5   | 60.3   | 62.7   | 66.3   |
| 80°   | 39.4   | 40.0   | 40.6   | 43.6   | 44.2   | 44.8   | 44.2   | 46.0   | 47.7   | 48.3   | 50.7   |
| 82.5° | 29.2   | 29.8   | 29.8   | 31.6   | 33.4   | 33.4   | 33.4   | 34.0   | 35.8   | 36.4   | 37.6   |
| 85°   | 19.7   | 20.3   | 20.9   | 21.5   | 22.7   | 23.3   | 23.9   | 23.9   | 25.1   | 25.7   | 26.3   |
| 87.5° | 10.7   | 11.9   | 12.5   | 13.1   | 13.7   | 14.3   | 14.9   | 15.5   | 16.1   | 16.7   | 17.3   |
| 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-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 330°   | 332.5° | 335°   | 337.5° | 340°   | 342.5° | 345°   | 347.5° | 350°   | 352.5° | 355°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 | 1302.4 |
| 2.5°  | 1308.9 | 1305.9 | 1304.2 | 1299.4 | 1298.2 | 1290.4 | 1291.6 | 1290.4 | 1290.4 | 1292.2 | 1298.2 |
| 5°    | 1365.0 | 1350.7 | 1347.1 | 1337.0 | 1328.6 | 1314.3 | 1305.4 | 1300.6 | 1293.4 | 1290.4 | 1294.6 |
| 7.5°  | 1403.2 | 1392.5 | 1383.5 | 1374.6 | 1362.7 | 1345.9 | 1333.4 | 1319.1 | 1307.1 | 1295.8 | 1292.8 |
| 10°   | 1396.7 | 1408.6 | 1408.6 | 1403.2 | 1391.9 | 1375.2 | 1360.3 | 1342.4 | 1321.5 | 1303.6 | 1292.8 |
| 12.5° | 1341.2 | 1362.1 | 1378.8 | 1391.3 | 1402.6 | 1391.3 | 1376.4 | 1362.1 | 1338.8 | 1312.5 | 1292.8 |
| 15°   | 1280.3 | 1301.8 | 1322.7 | 1348.9 | 1376.4 | 1387.7 | 1387.1 | 1370.4 | 1349.5 | 1322.1 | 1294.6 |
| 17.5° | 1237.3 | 1252.2 | 1263.6 | 1292.2 | 1325.6 | 1354.9 | 1374.6 | 1375.8 | 1355.5 | 1331.0 | 1295.2 |
| 20°   | 1205.1 | 1215.8 | 1225.4 | 1241.5 | 1270.7 | 1306.5 | 1343.0 | 1363.2 | 1359.7 | 1332.8 | 1297.0 |
| 22.5° | 1175.8 | 1183.6 | 1191.4 | 1203.3 | 1226.6 | 1249.8 | 1292.2 | 1334.0 | 1351.9 | 1329.8 | 1295.2 |
| 25°   | 1146.6 | 1154.9 | 1160.9 | 1169.3 | 1187.8 | 1206.9 | 1236.7 | 1288.6 | 1328.6 | 1327.4 | 1291.6 |
| 27.5° | 1112.0 | 1123.3 | 1130.5 | 1141.8 | 1154.3 | 1168.7 | 1189.0 | 1237.9 | 1295.2 | 1315.5 | 1282.1 |
| 30°   | 1070.2 | 1086.9 | 1097.6 | 1110.2 | 1120.9 | 1133.5 | 1149.6 | 1179.4 | 1250.4 | 1292.2 | 1271.9 |
| 32.5° | 1009.9 | 1039.7 | 1063.6 | 1075.6 | 1087.5 | 1098.2 | 1112.6 | 1137.6 | 1195.5 | 1260.6 | 1260.6 |
| 35°   | 966.9  | 980.7  | 1002.1 | 1036.8 | 1051.7 | 1062.4 | 1075.6 | 1095.3 | 1132.3 | 1223.0 | 1242.1 |
| 37.5° | 933.5  | 938.9  | 949.6  | 983.6  | 1011.7 | 1029.0 | 1042.1 | 1054.7 | 1091.1 | 1171.7 | 1218.2 |
| 40°   | 908.4  | 906.6  | 905.5  | 921.6  | 961.6  | 989.0  | 1003.9 | 1016.5 | 1044.5 | 1110.2 | 1186.6 |
| 42.5° | 879.2  | 877.4  | 871.4  | 875.6  | 895.3  | 941.3  | 963.9  | 977.7  | 1000.9 | 1045.7 | 1152.0 |
| 45°   | 848.7  | 845.8  | 843.4  | 839.2  | 846.4  | 872.0  | 918.6  | 938.9  | 952.0  | 992.0  | 1108.4 |
| 47.5° | 817.7  | 813.5  | 810.5  | 807.0  | 802.8  | 814.7  | 858.9  | 895.3  | 918.0  | 943.1  | 1055.9 |
| 50°   | 773.5  | 778.9  | 775.3  | 771.2  | 767.6  | 765.2  | 783.7  | 843.4  | 871.4  | 891.7  | 992.0  |
| 52.5° | 364.7  | 709.1  | 738.9  | 734.7  | 730.0  | 725.8  | 730.0  | 775.3  | 826.1  | 842.2  | 915.0  |
| 55°   | 207.7  | 315.7  | 657.2  | 694.8  | 690.6  | 684.6  | 681.0  | 696.5  | 772.3  | 793.8  | 844.6  |
| 57.5° | 200.0  | 200.5  | 290.1  | 626.1  | 649.4  | 644.0  | 639.8  | 643.4  | 707.9  | 744.3  | 783.1  |
| 60°   | 193.4  | 193.4  | 193.4  | 276.9  | 598.7  | 600.5  | 595.1  | 589.1  | 617.2  | 688.8  | 721.0  |
| 62.5° | 179.1  | 182.6  | 184.4  | 184.4  | 273.4  | 554.5  | 549.1  | 547.3  | 548.5  | 621.9  | 658.9  |
| 65°   | 160.6  | 168.9  | 172.5  | 174.9  | 174.9  | 287.1  | 502.0  | 499.0  | 494.8  | 522.9  | 596.3  |
| 67.5° | 140.3  | 148.6  | 156.4  | 161.2  | 161.8  | 167.1  | 299.6  | 449.4  | 443.5  | 444.1  | 529.4  |
| 70°   | 119.4  | 126.5  | 134.9  | 142.1  | 148.6  | 151.6  | 156.4  | 373.0  | 392.7  | 384.4  | 453.6  |
| 72.5° | 103.3  | 106.2  | 112.2  | 119.4  | 127.1  | 134.3  | 138.5  | 148.6  | 340.8  | 331.9  | 345.0  |
| 75°   | 85.9   | 88.3   | 92.5   | 97.3   | 103.3  | 111.6  | 118.8  | 125.9  | 180.9  | 278.1  | 276.4  |
| 77.5° | 66.8   | 71.0   | 75.8   | 78.8   | 81.8   | 87.7   | 97.3   | 104.5  | 111.6  | 188.0  | 221.4  |
| 80°   | 51.3   | 54.3   | 56.7   | 59.7   | 63.3   | 67.4   | 71.0   | 79.4   | 87.7   | 94.3   | 169.5  |
| 82.5° | 38.2   | 40.0   | 41.8   | 43.0   | 44.2   | 46.6   | 53.1   | 56.1   | 61.5   | 67.4   | 80.0   |
| 85°   | 26.9   | 28.1   | 29.2   | 29.8   | 30.4   | 31.0   | 33.4   | 34.0   | 39.4   | 40.6   | 48.3   |
| 87.5° | 17.3   | 17.9   | 19.1   | 19.7   | 19.7   | 20.3   | 20.9   | 20.9   | 20.9   | 19.7   | 23.9   |
| 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: P1213693

CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 357.5° | 360°   |
|-------|--------|--------|
| 0°    | 1302.4 | 1302.4 |
| 2.5°  | 1303.0 | 1312.5 |
| 5°    | 1301.2 | 1313.7 |
| 7.5°  | 1296.4 | 1308.3 |
| 10°   | 1289.2 | 1303.6 |
| 12.5° | 1281.5 | 1295.2 |
| 15°   | 1274.9 | 1285.1 |
| 17.5° | 1267.7 | 1273.7 |
| 20°   | 1258.2 | 1263.0 |
| 22.5° | 1248.6 | 1246.3 |
| 25°   | 1237.9 | 1232.5 |
| 27.5° | 1224.2 | 1214.0 |
| 30°   | 1211.6 | 1193.7 |
| 32.5° | 1199.7 | 1170.5 |
| 35°   | 1183.6 | 1146.6 |
| 37.5° | 1166.9 | 1122.1 |
| 40°   | 1147.2 | 1094.1 |
| 42.5° | 1126.3 | 1066.0 |
| 45°   | 1100.0 | 1039.1 |
| 47.5° | 1076.8 | 1006.9 |
| 50°   | 1044.5 | 972.3  |
| 52.5° | 1005.1 | 940.1  |
| 55°   | 958.6  | 900.7  |
| 57.5° | 908.4  | 859.5  |
| 60°   | 854.7  | 812.3  |
| 62.5° | 789.7  | 763.4  |
| 65°   | 713.3  | 707.3  |
| 67.5° | 613.6  | 645.2  |
| 70°   | 503.2  | 574.2  |
| 72.5° | 420.8  | 499.0  |
| 75°   | 345.0  | 414.8  |
| 77.5° | 273.4  | 325.3  |
| 80°   | 170.7  | 238.2  |
| 82.5° | 114.6  | 156.4  |
| 85°   | 69.2   | 74.6   |
| 87.5° | 26.9   | 27.5   |
| 90°   | 0.0    | 0.0    |

(END OF REPORT)