

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: METALUX

Report Number: P#

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P#
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P33525)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
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

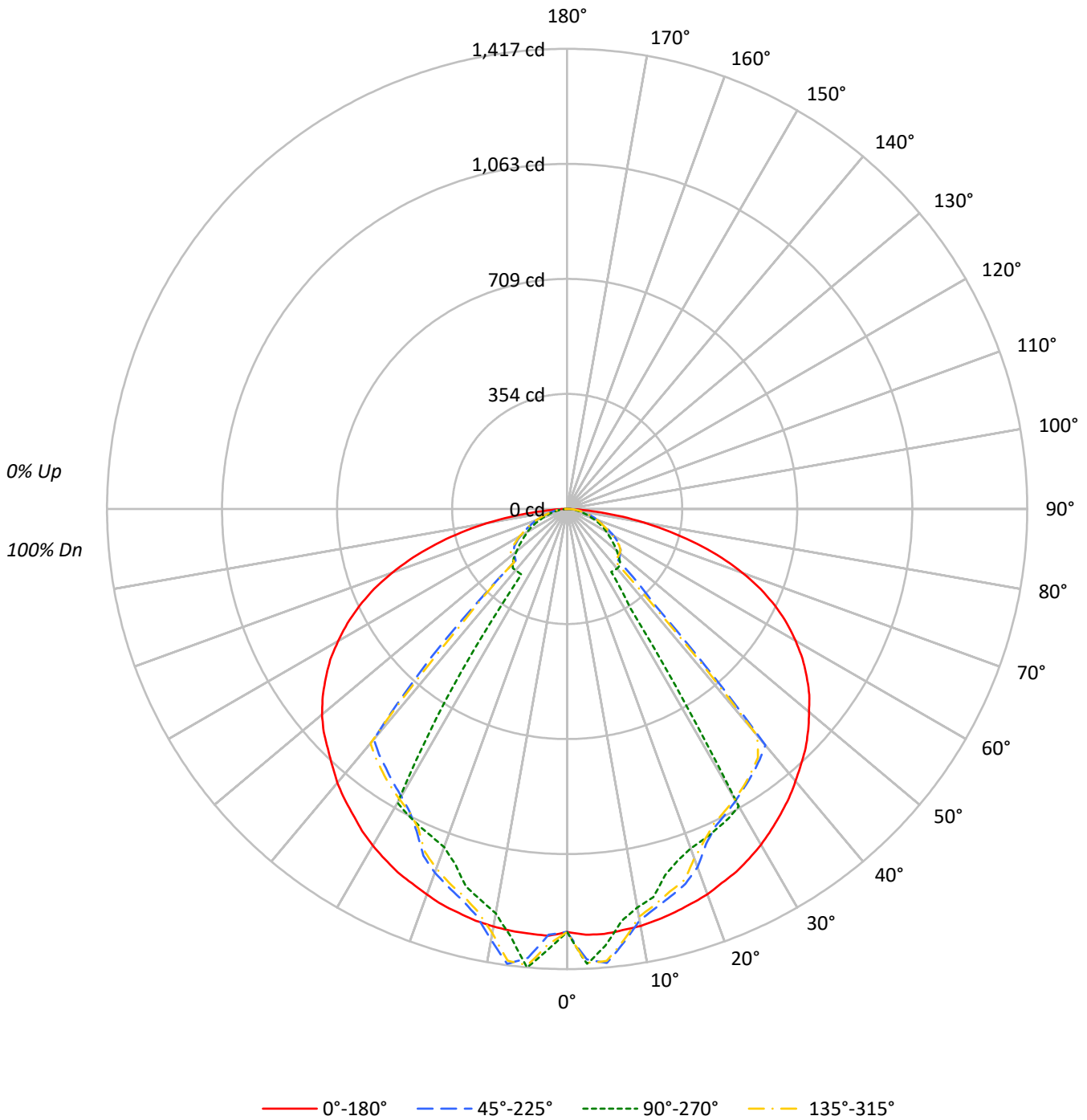
Lumens per Lamp: N/A
Luminaire Lumens: 2608.0 lumens
Efficiency: N/A
Efficacy: 96.6 lumens/watt
Spacing Criteria (0/90/45): 1.36 / 1.16 / 1.2
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 2' x H: 0.12')
CIE Type: Direct

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: 25 FT



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

Luminous Intensity Polar Plot





TEST NUMBER: P#

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

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



TEST NUMBER: P#

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

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 | |



TEST NUMBER: P#

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

CANDELA DISTRIBUTION (FULL):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 25° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 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 |



TEST NUMBER: P#

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

CANDELA DISTRIBUTION (continued):

| | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° | 50° | 52.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 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 |



TEST NUMBER: P#

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

CANDELA DISTRIBUTION (continued):

| | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 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 |



TEST NUMBER: P#

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 |



TEST NUMBER: P#

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

CANDELA DISTRIBUTION (continued):

| | 110° | 112.5° | 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 132.5° | 135° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 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 |



TEST NUMBER: P#

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

CANDELA DISTRIBUTION (continued):

| | 137.5° | 140° | 142.5° | 145° | 147.5° | 150° | 152.5° | 155° | 157.5° | 160° | 162.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 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: P#

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: P#

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 |



TEST NUMBER: P#

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 |



TEST NUMBER: P#

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 |



TEST NUMBER: P#

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

CANDELA DISTRIBUTION (continued):

| | 275° | 277.5° | 280° | 282.5° | 285° | 287.5° | 290° | 292.5° | 295° | 297.5° | 300° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 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 |



TEST NUMBER: P#

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

CANDELA DISTRIBUTION (continued):

| | 302.5° | 305° | 307.5° | 310° | 312.5° | 315° | 317.5° | 320° | 322.5° | 325° | 327.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 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 |



TEST NUMBER: P#

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: P#

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)