

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-L930-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-L930-CD1-U
Description: 2FT LINEAR SNLED LED FIXTURE
WHITE REFLECTOR
Light Source: -
Ballast/Driver: -

Summary

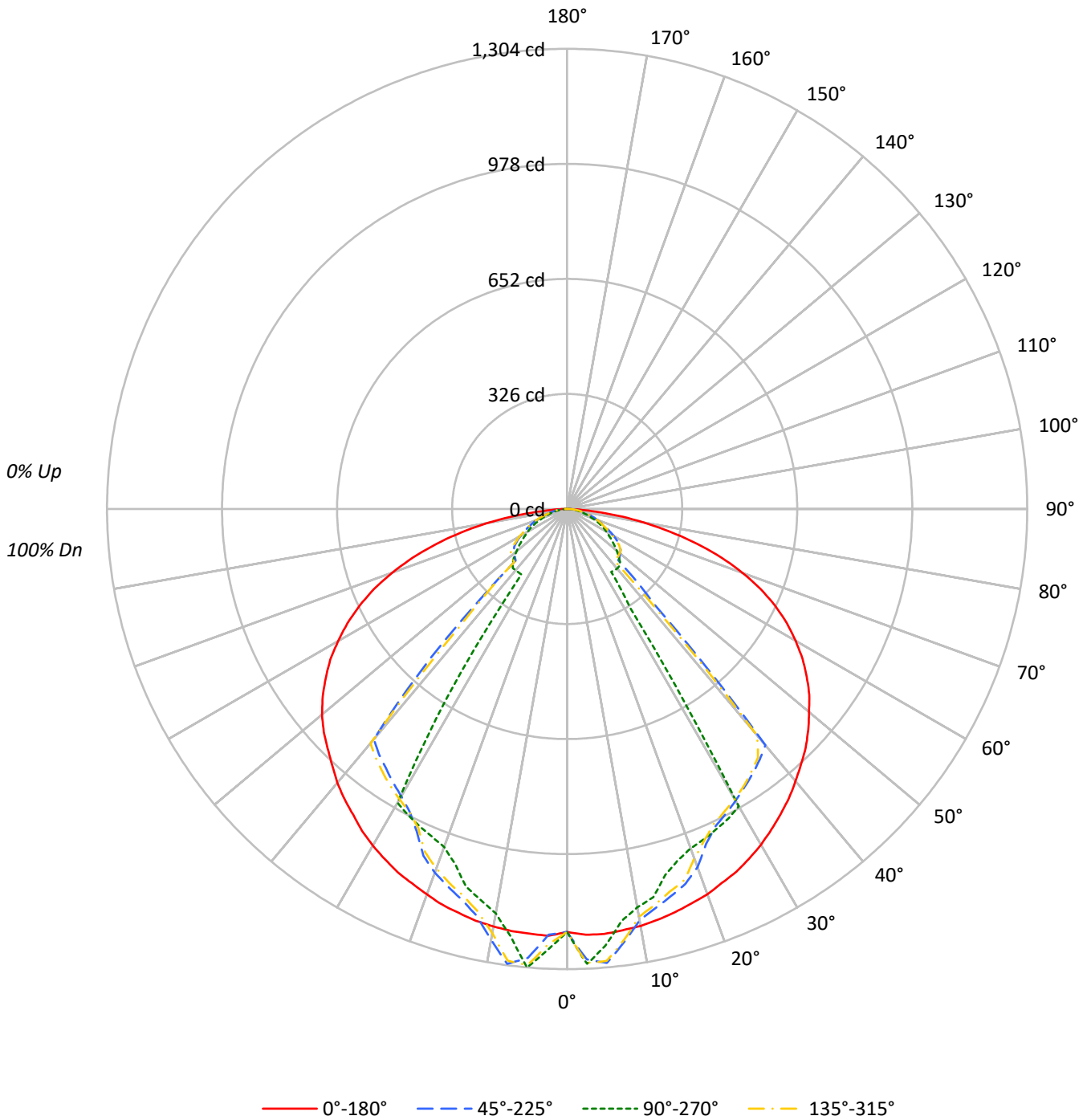
Lumens per Lamp: N/A
Luminaire Lumens: 2400.0 lumens
Efficiency: N/A
Efficacy: 88.9 lumens/watt
Spacing Criteria (0/90/45): 1.36 / 1.16 / 1.2
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 2' x H: 0.12')
CIE Type: Direct

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-L930-CD1-U

Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L930-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 | 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 | | | | |
| 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° | 19370 | 19370 | 19370 | 19370 |
| 5° | 19506 | 19516 | 19498 | 20483 |
| 10° | 19472 | 17644 | 19498 | 17915 |
| 15° | 19462 | 16325 | 19506 | 16843 |
| 20° | 19544 | 15484 | 19544 | 15425 |
| 25° | 19653 | 15188 | 19683 | 15046 |
| 30° | 19787 | 14919 | 19837 | 14743 |
| 35° | 19945 | 3398 | 19986 | 3543 |
| 40° | 20183 | 3535 | 20303 | 3648 |
| 45° | 20572 | 3515 | 20643 | 3643 |
| 50° | 20939 | 3177 | 21220 | 3262 |
| 55° | 21440 | 2821 | 21611 | 2862 |
| 60° | 21805 | 2507 | 21852 | 2539 |
| 65° | 21950 | 2189 | 21893 | 2153 |
| 70° | 21310 | 1763 | 21241 | 1701 |
| 75° | 19327 | 1358 | 19469 | 1300 |
| 80° | 15063 | 964 | 15660 | 883 |
| 85° | 7431 | 578 | 7842 | 442 |



TEST NUMBER: P#

CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L930-CD1-U

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 117.9 | 4.9 |
| 10°-20° | 324.2 | 13.5 |
| 20°-30° | 480.2 | 20.0 |
| 30°-40° | 483.9 | 20.2 |
| 40°-50° | 378.0 | 15.7 |
| 50°-60° | 292.0 | 12.2 |
| 60°-70° | 196.0 | 8.2 |
| 70°-80° | 100.0 | 4.2 |
| 80°-90° | 27.8 | 1.2 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-30° | 922.4 | 38.4 |
| 0°-40° | 1406.2 | 58.6 |
| 0°-60° | 2076.2 | 86.5 |
| 0°-90° | 2400.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 2400.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1198 | 1198 | 1198 | 1198 | 1198 | |
| 5° | 1209 | 1242 | 1208 | 1304 | 1209 | 115 |
| 15° | 1183 | 1074 | 1185 | 1108 | 1183 | 334 |
| 25° | 1134 | 1001 | 1136 | 991 | 1134 | 523 |
| 35° | 1055 | 218 | 1057 | 227 | 1055 | 661 |
| 45° | 956 | 212 | 960 | 219 | 956 | 737 |
| 55° | 829 | 154 | 835 | 156 | 829 | 740 |
| 65° | 651 | 103 | 649 | 102 | 651 | 640 |
| 75° | 382 | 52 | 384 | 50 | 382 | 399 |
| 85° | 69 | 16 | 72 | 13 | 69 | 94 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P#

CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L930-CD1-U

CANDELA DISTRIBUTION (FULL):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 25° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 |
| 2.5° | 1207.8 | 1212.2 | 1215.5 | 1217.7 | 1218.8 | 1218.8 | 1219.4 | 1219.9 | 1227.1 | 1230.4 | 1232.6 |
| 5° | 1208.9 | 1213.3 | 1219.9 | 1228.7 | 1236.4 | 1243.0 | 1248.5 | 1256.2 | 1263.9 | 1272.1 | 1274.8 |
| 7.5° | 1204.0 | 1209.5 | 1222.7 | 1238.6 | 1253.4 | 1263.9 | 1271.0 | 1275.9 | 1279.8 | 1280.3 | 1283.1 |
| 10° | 1199.6 | 1209.5 | 1227.6 | 1248.5 | 1267.2 | 1279.8 | 1279.8 | 1277.0 | 1280.9 | 1266.1 | 1251.2 |
| 12.5° | 1191.9 | 1202.9 | 1227.6 | 1255.1 | 1272.6 | 1277.6 | 1275.4 | 1264.4 | 1241.9 | 1223.8 | 1215.5 |
| 15° | 1182.6 | 1197.4 | 1228.2 | 1258.9 | 1273.7 | 1275.4 | 1254.5 | 1226.5 | 1209.5 | 1198.5 | 1184.8 |
| 17.5° | 1172.1 | 1191.9 | 1228.7 | 1259.5 | 1265.0 | 1257.3 | 1217.7 | 1200.1 | 1182.6 | 1156.8 | 1138.1 |
| 20° | 1162.2 | 1181.5 | 1224.3 | 1251.8 | 1255.1 | 1220.5 | 1189.7 | 1171.0 | 1141.4 | 1118.9 | 1110.6 |
| 22.5° | 1146.9 | 1169.4 | 1220.5 | 1241.3 | 1228.7 | 1188.6 | 1159.0 | 1129.3 | 1102.4 | 1095.8 | 1085.9 |
| 25° | 1134.2 | 1157.9 | 1211.7 | 1228.7 | 1195.2 | 1159.5 | 1124.9 | 1090.3 | 1077.7 | 1068.3 | 1059.5 |
| 27.5° | 1117.2 | 1146.3 | 1200.1 | 1205.6 | 1159.5 | 1128.2 | 1077.7 | 1062.3 | 1050.7 | 1040.3 | 1036.5 |
| 30° | 1098.5 | 1134.2 | 1184.2 | 1173.8 | 1129.8 | 1083.7 | 1046.4 | 1032.1 | 1023.8 | 1012.8 | 1008.5 |
| 32.5° | 1077.1 | 1116.1 | 1166.6 | 1137.0 | 1098.0 | 1040.3 | 1016.1 | 1005.2 | 994.2 | 985.9 | 958.5 |
| 35° | 1055.1 | 1100.2 | 1145.8 | 1101.8 | 1059.5 | 1007.4 | 985.9 | 976.0 | 965.6 | 935.4 | 906.8 |
| 37.5° | 1032.6 | 1082.6 | 1120.5 | 1063.9 | 1008.5 | 973.3 | 955.2 | 944.2 | 920.6 | 882.1 | 867.8 |
| 40° | 1006.8 | 1061.2 | 1088.1 | 1024.9 | 964.0 | 938.7 | 921.7 | 910.7 | 857.4 | 840.4 | 836.0 |
| 42.5° | 981.0 | 1040.3 | 1048.5 | 987.0 | 927.2 | 901.9 | 887.6 | 851.4 | 815.1 | 806.3 | 808.0 |
| 45° | 956.3 | 1017.8 | 1005.2 | 933.2 | 888.7 | 867.8 | 843.7 | 793.7 | 774.5 | 778.9 | 780.0 |
| 47.5° | 926.6 | 990.9 | 959.6 | 879.4 | 849.2 | 828.3 | 774.5 | 744.3 | 741.5 | 747.6 | 750.8 |
| 50° | 894.8 | 960.7 | 911.2 | 830.5 | 806.3 | 781.6 | 720.6 | 705.3 | 708.6 | 714.6 | 718.4 |
| 52.5° | 865.1 | 926.6 | 861.2 | 784.9 | 764.0 | 707.5 | 666.3 | 669.0 | 674.5 | 681.6 | 683.8 |
| 55° | 828.8 | 885.4 | 808.0 | 738.8 | 719.0 | 644.8 | 626.2 | 632.8 | 638.2 | 644.3 | 648.7 |
| 57.5° | 790.9 | 838.2 | 744.8 | 687.1 | 655.3 | 589.4 | 591.0 | 595.4 | 599.2 | 606.4 | 250.5 |
| 60° | 747.6 | 784.4 | 675.6 | 639.3 | 576.2 | 545.4 | 547.1 | 554.8 | 558.6 | 312.0 | 172.5 |
| 62.5° | 702.5 | 721.7 | 613.0 | 585.0 | 503.7 | 501.5 | 509.2 | 512.5 | 348.8 | 164.8 | 161.5 |
| 65° | 650.9 | 647.0 | 551.5 | 507.0 | 454.2 | 456.4 | 464.7 | 448.2 | 154.3 | 154.3 | 153.2 |
| 67.5° | 593.8 | 570.7 | 491.6 | 419.6 | 406.5 | 411.4 | 420.2 | 146.7 | 142.8 | 143.9 | 140.1 |
| 70° | 528.4 | 496.0 | 429.5 | 355.4 | 359.8 | 364.7 | 141.7 | 132.9 | 131.3 | 128.5 | 120.8 |
| 72.5° | 459.2 | 414.7 | 351.5 | 308.7 | 311.4 | 195.5 | 124.1 | 119.7 | 114.2 | 108.8 | 100.5 |
| 75° | 381.7 | 324.1 | 258.2 | 258.2 | 262.0 | 111.5 | 108.2 | 101.1 | 95.0 | 87.9 | 82.9 |
| 77.5° | 299.3 | 249.4 | 200.5 | 208.2 | 101.6 | 93.4 | 87.3 | 79.6 | 74.7 | 70.3 | 67.6 |
| 80° | 219.2 | 174.1 | 151.0 | 135.1 | 79.1 | 70.9 | 64.8 | 60.4 | 58.2 | 55.5 | 52.2 |
| 82.5° | 143.9 | 104.9 | 104.9 | 63.7 | 55.5 | 48.9 | 47.2 | 43.9 | 41.7 | 40.1 | 38.4 |
| 85° | 68.7 | 61.0 | 46.1 | 39.0 | 34.6 | 31.3 | 30.2 | 28.6 | 28.6 | 28.0 | 27.5 |
| 87.5° | 25.3 | 27.5 | 20.3 | 19.8 | 18.7 | 18.1 | 18.7 | 18.7 | 19.2 | 18.7 | 18.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

| | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° | 50° | 52.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 |
| 2.5° | 1238.0 | 1242.4 | 1245.7 | 1251.2 | 1258.4 | 1264.4 | 1269.9 | 1277.6 | 1289.7 | 1293.0 | 1295.7 |
| 5° | 1274.8 | 1276.5 | 1280.3 | 1284.7 | 1285.8 | 1288.6 | 1288.0 | 1291.3 | 1293.0 | 1296.8 | 1288.6 |
| 7.5° | 1277.0 | 1268.3 | 1257.8 | 1248.5 | 1241.9 | 1235.8 | 1232.0 | 1238.0 | 1241.3 | 1244.1 | 1235.8 |
| 10° | 1230.9 | 1220.5 | 1214.4 | 1208.9 | 1202.3 | 1193.0 | 1180.4 | 1183.1 | 1182.0 | 1182.0 | 1179.3 |
| 12.5° | 1201.8 | 1187.0 | 1171.6 | 1157.9 | 1151.8 | 1151.3 | 1151.8 | 1157.9 | 1157.9 | 1157.3 | 1154.0 |
| 15° | 1156.2 | 1141.9 | 1134.2 | 1130.9 | 1130.9 | 1129.3 | 1129.3 | 1135.9 | 1134.2 | 1134.2 | 1132.6 |
| 17.5° | 1126.0 | 1116.1 | 1110.6 | 1106.8 | 1105.1 | 1107.9 | 1111.2 | 1113.9 | 1114.5 | 1112.3 | 1103.5 |
| 20° | 1101.3 | 1091.9 | 1085.3 | 1086.4 | 1085.9 | 1087.5 | 1089.2 | 1079.9 | 1068.3 | 1052.9 | 1045.8 |
| 22.5° | 1075.5 | 1068.3 | 1063.4 | 1063.4 | 1056.8 | 1046.4 | 1031.0 | 1027.7 | 1026.0 | 1018.9 | 1012.8 |
| 25° | 1050.7 | 1042.5 | 1035.4 | 1013.4 | 999.7 | 1001.3 | 998.6 | 993.1 | 992.5 | 992.0 | 994.2 |
| 27.5° | 1026.0 | 1004.6 | 977.1 | 973.8 | 968.4 | 967.8 | 971.1 | 973.8 | 973.8 | 976.0 | 978.8 |
| 30° | 974.9 | 950.2 | 945.3 | 939.2 | 941.4 | 949.1 | 950.8 | 954.6 | 955.7 | 959.6 | 961.8 |
| 32.5° | 928.3 | 917.3 | 912.9 | 915.6 | 922.8 | 929.4 | 933.2 | 934.9 | 937.6 | 940.9 | 943.6 |
| 35° | 890.4 | 887.1 | 890.9 | 897.0 | 904.1 | 909.6 | 912.9 | 916.2 | 918.9 | 921.7 | 923.9 |
| 37.5° | 862.3 | 864.5 | 870.0 | 877.7 | 884.9 | 889.3 | 892.0 | 895.9 | 899.7 | 903.0 | 889.8 |
| 40° | 836.0 | 841.5 | 847.5 | 855.8 | 861.8 | 866.2 | 868.9 | 873.9 | 840.9 | 380.6 | 208.7 |
| 42.5° | 812.9 | 819.0 | 823.3 | 829.9 | 836.5 | 839.8 | 815.7 | 364.2 | 206.0 | 204.9 | 207.6 |
| 45° | 784.9 | 789.8 | 797.0 | 801.9 | 808.0 | 530.6 | 202.7 | 204.9 | 201.6 | 203.8 | 204.9 |
| 47.5° | 756.3 | 764.0 | 767.9 | 732.7 | 218.1 | 201.6 | 199.4 | 201.6 | 199.4 | 202.1 | 200.5 |
| 50° | 723.9 | 733.3 | 521.8 | 197.2 | 195.5 | 194.4 | 196.6 | 195.5 | 197.2 | 199.4 | 195.0 |
| 52.5° | 691.0 | 427.9 | 191.1 | 190.0 | 191.1 | 190.0 | 193.9 | 191.1 | 191.7 | 189.5 | 184.0 |
| 55° | 234.0 | 185.1 | 183.5 | 182.9 | 186.2 | 186.2 | 186.2 | 181.8 | 179.1 | 173.6 | 169.7 |
| 57.5° | 179.1 | 179.1 | 178.5 | 179.1 | 178.0 | 176.9 | 171.9 | 168.1 | 164.2 | 156.5 | 154.3 |
| 60° | 169.7 | 169.7 | 169.7 | 169.7 | 164.8 | 162.6 | 154.9 | 151.6 | 145.0 | 141.2 | 139.0 |
| 62.5° | 162.0 | 160.9 | 156.0 | 154.3 | 148.9 | 142.8 | 138.4 | 135.1 | 128.5 | 126.3 | 124.7 |
| 65° | 151.0 | 147.2 | 141.2 | 134.6 | 131.8 | 125.2 | 123.0 | 118.1 | 114.8 | 113.1 | 112.1 |
| 67.5° | 132.9 | 127.4 | 122.5 | 118.1 | 113.1 | 111.0 | 108.2 | 104.4 | 102.2 | 101.1 | 100.0 |
| 70° | 113.7 | 109.9 | 104.9 | 102.2 | 98.9 | 97.2 | 93.4 | 92.3 | 90.6 | 89.0 | 87.3 |
| 72.5° | 95.0 | 92.8 | 90.6 | 86.8 | 85.7 | 84.6 | 80.7 | 78.5 | 76.3 | 74.2 | 73.1 |
| 75° | 79.6 | 78.0 | 76.9 | 73.6 | 72.0 | 68.7 | 65.9 | 64.3 | 62.6 | 61.0 | 59.9 |
| 77.5° | 65.4 | 64.3 | 61.0 | 58.8 | 57.7 | 54.9 | 53.8 | 54.4 | 53.3 | 51.1 | 50.0 |
| 80° | 51.1 | 50.0 | 47.2 | 47.2 | 46.1 | 45.0 | 43.9 | 42.8 | 41.7 | 40.1 | 39.0 |
| 82.5° | 39.0 | 37.9 | 36.8 | 35.7 | 34.6 | 34.1 | 33.5 | 32.4 | 31.3 | 30.2 | 29.7 |
| 85° | 27.5 | 26.9 | 26.4 | 25.8 | 25.3 | 24.7 | 24.2 | 23.1 | 22.0 | 21.4 | 20.9 |
| 87.5° | 18.7 | 18.1 | 17.6 | 17.0 | 16.5 | 15.9 | 15.4 | 14.8 | 13.7 | 13.2 | 12.6 |
| 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-L930-CD1-U

CANDELA DISTRIBUTION (continued):

| | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 |
| 2.5° | 1295.7 | 1298.5 | 1295.7 | 1289.7 | 1285.8 | 1284.2 | 1287.5 | 1287.5 | 1289.7 | 1292.4 | 1293.0 |
| 5° | 1275.4 | 1268.8 | 1261.1 | 1253.4 | 1249.6 | 1247.4 | 1241.3 | 1242.4 | 1244.1 | 1245.2 | 1246.3 |
| 7.5° | 1224.9 | 1216.1 | 1205.6 | 1195.8 | 1191.9 | 1188.6 | 1181.5 | 1181.5 | 1181.5 | 1182.0 | 1185.3 |
| 10° | 1173.2 | 1169.4 | 1165.0 | 1158.4 | 1153.5 | 1151.8 | 1145.8 | 1147.4 | 1146.3 | 1148.0 | 1151.8 |
| 12.5° | 1149.1 | 1144.7 | 1140.8 | 1134.2 | 1128.7 | 1126.5 | 1123.8 | 1125.4 | 1124.9 | 1127.6 | 1130.9 |
| 15° | 1127.1 | 1124.9 | 1120.5 | 1115.6 | 1110.6 | 1106.2 | 1096.3 | 1093.0 | 1090.8 | 1088.1 | 1091.9 |
| 17.5° | 1090.8 | 1075.5 | 1065.0 | 1057.3 | 1051.8 | 1048.0 | 1045.3 | 1045.3 | 1046.9 | 1048.5 | 1051.8 |
| 20° | 1041.4 | 1037.0 | 1032.1 | 1023.8 | 1018.3 | 1016.1 | 1014.5 | 1014.5 | 1017.2 | 1019.4 | 1025.5 |
| 22.5° | 1007.4 | 1006.8 | 1005.2 | 1001.3 | 998.6 | 998.6 | 999.1 | 1000.2 | 1004.1 | 1007.4 | 1013.4 |
| 25° | 991.4 | 993.6 | 992.5 | 990.3 | 988.7 | 989.2 | 988.1 | 989.2 | 993.1 | 996.4 | 1001.3 |
| 27.5° | 978.8 | 982.1 | 981.0 | 977.7 | 974.9 | 976.0 | 977.7 | 976.6 | 979.9 | 983.7 | 987.6 |
| 30° | 961.8 | 962.3 | 964.5 | 960.7 | 959.6 | 961.2 | 961.8 | 962.9 | 966.2 | 968.9 | 972.2 |
| 32.5° | 942.5 | 946.9 | 946.4 | 942.5 | 942.5 | 944.2 | 944.7 | 907.9 | 839.3 | 722.8 | 691.0 |
| 35° | 923.9 | 928.8 | 920.6 | 776.1 | 537.2 | 286.7 | 221.4 | 213.7 | 215.3 | 216.4 | 217.5 |
| 37.5° | 683.3 | 324.1 | 206.5 | 208.2 | 209.8 | 211.5 | 213.1 | 214.8 | 216.4 | 218.1 | 218.6 |
| 40° | 205.4 | 204.9 | 206.5 | 208.7 | 210.4 | 211.5 | 213.7 | 215.3 | 217.0 | 218.6 | 219.2 |
| 42.5° | 203.2 | 204.3 | 206.0 | 208.2 | 210.4 | 212.6 | 214.2 | 216.4 | 217.5 | 218.6 | 219.2 |
| 45° | 202.1 | 204.3 | 206.5 | 208.2 | 209.8 | 210.9 | 212.0 | 212.6 | 212.0 | 212.0 | 213.1 |
| 47.5° | 200.5 | 202.7 | 203.2 | 202.7 | 203.2 | 202.7 | 202.7 | 202.7 | 201.0 | 200.5 | 200.5 |
| 50° | 194.4 | 194.4 | 193.3 | 191.1 | 190.6 | 190.0 | 188.9 | 188.4 | 186.2 | 185.7 | 185.7 |
| 52.5° | 181.8 | 181.3 | 179.6 | 176.9 | 175.8 | 174.7 | 174.1 | 173.6 | 171.4 | 170.3 | 170.8 |
| 55° | 167.0 | 165.9 | 164.2 | 160.9 | 160.4 | 159.3 | 158.7 | 158.2 | 156.0 | 157.1 | 155.4 |
| 57.5° | 153.2 | 151.0 | 148.9 | 148.3 | 146.1 | 145.6 | 145.0 | 144.5 | 142.8 | 143.4 | 142.3 |
| 60° | 136.8 | 136.2 | 135.1 | 132.9 | 132.9 | 132.4 | 132.4 | 131.3 | 130.2 | 129.6 | 129.6 |
| 62.5° | 124.7 | 123.0 | 121.9 | 121.9 | 120.3 | 120.3 | 120.3 | 119.2 | 118.1 | 118.6 | 118.1 |
| 65° | 111.5 | 111.0 | 110.4 | 109.3 | 109.3 | 108.8 | 108.8 | 107.7 | 106.0 | 106.6 | 105.5 |
| 67.5° | 100.5 | 99.4 | 98.3 | 97.8 | 95.6 | 94.5 | 93.9 | 93.4 | 91.2 | 91.7 | 90.6 |
| 70° | 86.8 | 85.1 | 84.0 | 82.9 | 81.3 | 80.2 | 80.2 | 79.1 | 77.4 | 78.0 | 76.9 |
| 72.5° | 72.5 | 71.4 | 70.3 | 69.8 | 68.1 | 67.6 | 67.0 | 66.5 | 64.8 | 65.4 | 64.8 |
| 75° | 60.4 | 60.4 | 59.9 | 59.3 | 57.7 | 56.0 | 54.9 | 54.4 | 53.3 | 53.8 | 52.7 |
| 77.5° | 50.0 | 48.9 | 47.8 | 47.8 | 46.1 | 45.0 | 43.9 | 43.9 | 43.9 | 43.4 | 42.8 |
| 80° | 39.0 | 37.9 | 37.9 | 37.4 | 36.3 | 35.2 | 34.6 | 34.6 | 34.1 | 34.1 | 33.5 |
| 82.5° | 29.7 | 28.6 | 28.0 | 28.0 | 26.9 | 26.4 | 25.8 | 25.3 | 25.3 | 25.3 | 24.7 |
| 85° | 20.9 | 19.8 | 19.2 | 19.2 | 18.1 | 17.6 | 17.6 | 17.0 | 17.0 | 16.5 | 16.5 |
| 87.5° | 12.6 | 12.1 | 11.5 | 11.5 | 10.4 | 9.9 | 9.9 | 9.9 | 9.3 | 9.3 | 8.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° | 92.5° | 95° | 97.5° | 100° | 102.5° | 105° | 107.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 |
| 2.5° | 1293.0 | 1293.0 | 1289.1 | 1290.2 | 1288.6 | 1290.8 | 1288.0 | 1288.0 | 1291.3 | 1291.3 | 1293.5 |
| 5° | 1246.8 | 1244.1 | 1243.5 | 1242.4 | 1236.9 | 1239.1 | 1236.4 | 1233.7 | 1237.5 | 1237.5 | 1242.4 |
| 7.5° | 1183.7 | 1178.7 | 1180.9 | 1177.6 | 1174.3 | 1169.4 | 1171.0 | 1168.8 | 1171.6 | 1175.4 | 1180.4 |
| 10° | 1151.3 | 1146.9 | 1149.6 | 1146.3 | 1148.0 | 1140.8 | 1141.4 | 1141.9 | 1144.7 | 1145.8 | 1150.2 |
| 12.5° | 1130.4 | 1129.3 | 1128.2 | 1127.1 | 1128.2 | 1124.3 | 1122.2 | 1122.7 | 1123.8 | 1124.3 | 1127.6 |
| 15° | 1086.4 | 1079.3 | 1081.5 | 1073.8 | 1074.4 | 1074.9 | 1070.5 | 1074.9 | 1074.4 | 1081.5 | 1088.1 |
| 17.5° | 1050.7 | 1050.7 | 1046.9 | 1043.6 | 1041.4 | 1040.9 | 1037.6 | 1039.8 | 1037.6 | 1042.0 | 1043.6 |
| 20° | 1026.0 | 1025.5 | 1024.9 | 1023.3 | 1017.8 | 1018.3 | 1020.0 | 1015.0 | 1014.5 | 1013.9 | 1017.2 |
| 22.5° | 1014.5 | 1015.0 | 1012.8 | 1012.8 | 1007.9 | 1009.0 | 1009.6 | 1004.1 | 1004.6 | 1003.0 | 1004.6 |
| 25° | 1002.4 | 1003.5 | 1000.8 | 1000.8 | 999.7 | 999.1 | 996.4 | 997.5 | 994.2 | 991.4 | 994.2 |
| 27.5° | 988.1 | 990.3 | 988.1 | 989.2 | 987.0 | 985.9 | 984.3 | 983.2 | 979.9 | 979.3 | 981.0 |
| 30° | 974.9 | 976.0 | 975.5 | 972.7 | 972.2 | 968.9 | 970.6 | 967.3 | 964.0 | 964.5 | 965.6 |
| 32.5° | 499.8 | 477.3 | 368.0 | 332.3 | 329.0 | 341.1 | 404.3 | 492.1 | 637.7 | 778.9 | 880.5 |
| 35° | 218.1 | 218.1 | 218.1 | 217.5 | 217.5 | 217.0 | 216.4 | 215.9 | 215.3 | 214.8 | 214.2 |
| 37.5° | 219.2 | 219.2 | 219.2 | 219.2 | 218.6 | 218.1 | 218.1 | 217.0 | 216.4 | 215.9 | 215.3 |
| 40° | 219.7 | 220.3 | 220.3 | 220.3 | 219.7 | 219.7 | 219.2 | 218.1 | 217.5 | 216.4 | 215.3 |
| 42.5° | 219.2 | 219.7 | 219.7 | 219.2 | 219.2 | 218.6 | 218.6 | 218.1 | 217.5 | 217.0 | 216.4 |
| 45° | 212.0 | 212.6 | 211.5 | 211.5 | 210.9 | 210.9 | 210.9 | 210.9 | 210.9 | 211.5 | 211.5 |
| 47.5° | 199.4 | 199.4 | 198.8 | 198.3 | 198.3 | 197.7 | 198.3 | 197.7 | 198.8 | 199.4 | 200.5 |
| 50° | 184.6 | 184.6 | 183.5 | 182.9 | 182.9 | 182.9 | 182.9 | 183.5 | 184.0 | 185.1 | 186.2 |
| 52.5° | 169.2 | 169.2 | 168.6 | 168.1 | 167.5 | 167.5 | 169.2 | 168.6 | 169.2 | 169.7 | 171.4 |
| 55° | 154.3 | 154.9 | 153.8 | 153.8 | 153.2 | 153.2 | 153.2 | 153.8 | 154.3 | 154.9 | 156.5 |
| 57.5° | 141.7 | 141.7 | 140.6 | 140.6 | 140.6 | 140.1 | 141.7 | 140.6 | 141.2 | 141.7 | 142.8 |
| 60° | 129.1 | 128.5 | 128.5 | 128.0 | 128.0 | 128.0 | 129.1 | 128.5 | 128.5 | 129.1 | 130.2 |
| 62.5° | 117.5 | 117.5 | 117.0 | 117.0 | 116.4 | 116.4 | 117.5 | 117.0 | 117.0 | 117.5 | 118.1 |
| 65° | 104.4 | 104.4 | 103.8 | 103.3 | 104.9 | 103.3 | 104.9 | 103.8 | 104.9 | 105.5 | 106.6 |
| 67.5° | 89.5 | 89.5 | 89.5 | 89.0 | 89.0 | 90.1 | 90.6 | 89.5 | 90.1 | 91.2 | 91.7 |
| 70° | 76.3 | 76.3 | 75.8 | 75.8 | 75.8 | 76.9 | 77.4 | 76.3 | 76.9 | 77.4 | 78.5 |
| 72.5° | 64.8 | 63.7 | 63.7 | 63.2 | 64.3 | 64.3 | 64.8 | 64.3 | 64.8 | 64.8 | 65.9 |
| 75° | 53.3 | 52.2 | 52.2 | 52.2 | 53.3 | 52.7 | 53.3 | 52.7 | 53.3 | 53.3 | 53.8 |
| 77.5° | 42.8 | 42.3 | 41.7 | 41.7 | 42.8 | 42.8 | 42.8 | 42.3 | 42.8 | 43.4 | 43.9 |
| 80° | 33.5 | 33.0 | 32.4 | 32.4 | 33.5 | 33.5 | 33.5 | 34.1 | 33.5 | 34.1 | 34.6 |
| 82.5° | 24.7 | 24.2 | 23.6 | 24.7 | 24.7 | 24.7 | 24.7 | 25.3 | 24.7 | 25.3 | 25.8 |
| 85° | 16.5 | 15.9 | 15.4 | 16.5 | 16.5 | 16.5 | 16.5 | 17.0 | 16.5 | 17.0 | 17.6 |
| 87.5° | 8.8 | 8.2 | 8.2 | 8.8 | 8.8 | 8.8 | 9.3 | 9.3 | 9.3 | 9.9 | 9.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

| | 110° | 112.5° | 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 132.5° | 135° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 |
| 2.5° | 1296.8 | 1298.5 | 1297.9 | 1294.6 | 1291.3 | 1287.5 | 1284.7 | 1285.3 | 1290.8 | 1292.4 | 1287.5 |
| 5° | 1242.4 | 1252.9 | 1252.9 | 1260.0 | 1256.2 | 1252.9 | 1255.1 | 1267.2 | 1273.2 | 1282.5 | 1285.8 |
| 7.5° | 1186.4 | 1191.4 | 1190.8 | 1197.9 | 1196.9 | 1196.9 | 1198.5 | 1214.4 | 1222.1 | 1229.8 | 1232.0 |
| 10° | 1155.1 | 1160.0 | 1159.5 | 1160.0 | 1158.4 | 1154.6 | 1154.6 | 1161.7 | 1168.3 | 1172.1 | 1173.2 |
| 12.5° | 1132.6 | 1135.3 | 1134.8 | 1134.8 | 1133.7 | 1130.4 | 1129.8 | 1135.9 | 1143.0 | 1148.0 | 1148.5 |
| 15° | 1099.1 | 1106.8 | 1108.4 | 1115.6 | 1113.9 | 1109.5 | 1110.6 | 1115.6 | 1120.0 | 1124.3 | 1122.7 |
| 17.5° | 1049.1 | 1052.9 | 1053.5 | 1056.2 | 1055.1 | 1055.1 | 1061.7 | 1079.9 | 1091.9 | 1102.4 | 1103.5 |
| 20° | 1020.5 | 1023.3 | 1022.2 | 1028.2 | 1025.5 | 1024.9 | 1026.6 | 1034.3 | 1039.8 | 1044.7 | 1053.5 |
| 22.5° | 1006.8 | 1009.0 | 1007.4 | 1007.9 | 1003.0 | 998.6 | 997.5 | 1003.5 | 1009.6 | 1016.1 | 1016.1 |
| 25° | 995.3 | 996.9 | 996.4 | 995.3 | 991.4 | 985.4 | 984.3 | 985.4 | 987.6 | 988.1 | 984.3 |
| 27.5° | 981.5 | 982.6 | 982.6 | 983.2 | 978.2 | 972.7 | 971.7 | 970.6 | 972.7 | 972.2 | 966.2 |
| 30° | 967.3 | 965.6 | 966.2 | 966.7 | 962.3 | 957.4 | 955.2 | 954.6 | 956.8 | 956.3 | 950.2 |
| 32.5° | 933.2 | 945.8 | 946.9 | 948.0 | 944.2 | 939.8 | 937.6 | 935.9 | 937.0 | 936.5 | 931.0 |
| 35° | 213.7 | 217.5 | 266.4 | 603.1 | 819.0 | 906.8 | 916.2 | 914.0 | 914.5 | 914.5 | 910.1 |
| 37.5° | 214.2 | 213.7 | 213.1 | 211.5 | 209.8 | 208.7 | 360.9 | 769.5 | 891.5 | 892.0 | 888.2 |
| 40° | 214.2 | 213.7 | 213.1 | 212.0 | 209.8 | 208.2 | 205.4 | 203.2 | 208.2 | 458.1 | 838.2 |
| 42.5° | 215.3 | 214.2 | 213.1 | 212.0 | 209.8 | 207.6 | 205.4 | 202.7 | 204.3 | 203.2 | 200.5 |
| 45° | 212.0 | 211.5 | 211.5 | 210.9 | 209.8 | 207.6 | 204.9 | 201.6 | 199.9 | 201.6 | 198.8 |
| 47.5° | 201.6 | 202.1 | 203.8 | 204.3 | 204.3 | 204.9 | 203.2 | 201.0 | 198.3 | 199.9 | 196.6 |
| 50° | 187.3 | 188.4 | 188.9 | 191.7 | 192.8 | 195.0 | 195.5 | 195.5 | 195.0 | 197.2 | 195.0 |
| 52.5° | 171.9 | 173.0 | 175.8 | 176.9 | 178.0 | 181.3 | 182.4 | 184.0 | 185.1 | 188.4 | 190.6 |
| 55° | 157.1 | 157.6 | 158.7 | 160.9 | 162.6 | 165.3 | 167.0 | 168.6 | 171.4 | 173.0 | 179.6 |
| 57.5° | 143.4 | 143.9 | 146.1 | 146.7 | 147.8 | 149.9 | 151.6 | 153.8 | 156.0 | 157.1 | 164.8 |
| 60° | 130.2 | 130.7 | 132.4 | 132.9 | 133.5 | 135.7 | 137.3 | 139.0 | 140.6 | 141.7 | 147.2 |
| 62.5° | 118.6 | 118.6 | 120.3 | 120.3 | 120.8 | 122.5 | 123.6 | 124.7 | 126.3 | 126.9 | 129.6 |
| 65° | 107.1 | 107.7 | 108.8 | 108.8 | 109.3 | 110.4 | 111.0 | 111.5 | 113.1 | 113.1 | 115.3 |
| 67.5° | 92.8 | 93.4 | 95.0 | 96.1 | 96.7 | 98.9 | 99.4 | 100.0 | 101.1 | 101.6 | 102.7 |
| 70° | 79.1 | 79.6 | 81.3 | 81.8 | 82.4 | 84.0 | 85.1 | 86.8 | 88.4 | 90.1 | 91.2 |
| 72.5° | 66.5 | 67.0 | 68.7 | 68.7 | 70.3 | 70.9 | 72.0 | 72.5 | 74.2 | 75.2 | 76.9 |
| 75° | 54.4 | 54.9 | 56.6 | 56.6 | 58.2 | 58.8 | 59.3 | 59.9 | 61.0 | 62.1 | 63.2 |
| 77.5° | 44.5 | 44.5 | 46.7 | 47.8 | 48.9 | 48.9 | 49.4 | 49.4 | 49.4 | 50.0 | 51.1 |
| 80° | 35.2 | 35.2 | 36.8 | 37.9 | 39.0 | 39.0 | 39.5 | 40.1 | 40.6 | 40.6 | 41.2 |
| 82.5° | 26.4 | 26.4 | 28.0 | 28.6 | 29.7 | 29.7 | 29.7 | 30.2 | 30.8 | 30.2 | 31.3 |
| 85° | 18.1 | 18.1 | 19.2 | 19.8 | 20.9 | 20.9 | 20.9 | 21.4 | 22.0 | 21.4 | 22.0 |
| 87.5° | 10.4 | 11.0 | 11.5 | 12.1 | 12.6 | 13.2 | 13.2 | 13.2 | 13.7 | 13.7 | 14.3 |
| 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-L930-CD1-U

CANDELA DISTRIBUTION (continued):

| | 137.5° | 140° | 142.5° | 145° | 147.5° | 150° | 152.5° | 155° | 157.5° | 160° | 162.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 |
| 2.5° | 1282.0 | 1275.4 | 1274.8 | 1267.2 | 1265.0 | 1265.5 | 1259.5 | 1257.3 | 1247.4 | 1245.2 | 1234.7 |
| 5° | 1286.9 | 1290.2 | 1288.6 | 1288.0 | 1289.7 | 1288.6 | 1284.2 | 1282.0 | 1280.3 | 1275.9 | 1267.2 |
| 7.5° | 1232.6 | 1234.7 | 1236.4 | 1243.5 | 1249.6 | 1260.0 | 1271.0 | 1278.1 | 1283.6 | 1284.7 | 1277.6 |
| 10° | 1177.1 | 1187.5 | 1194.7 | 1205.6 | 1214.4 | 1220.5 | 1227.1 | 1233.1 | 1249.0 | 1265.0 | 1274.3 |
| 12.5° | 1148.5 | 1151.3 | 1150.7 | 1156.8 | 1162.8 | 1178.7 | 1194.1 | 1202.9 | 1215.0 | 1222.1 | 1239.1 |
| 15° | 1124.3 | 1124.9 | 1126.5 | 1130.9 | 1134.2 | 1139.7 | 1146.9 | 1160.0 | 1184.2 | 1195.2 | 1204.5 |
| 17.5° | 1102.4 | 1102.4 | 1103.5 | 1107.3 | 1111.7 | 1116.7 | 1121.1 | 1126.5 | 1138.6 | 1156.8 | 1179.8 |
| 20° | 1067.2 | 1082.6 | 1084.3 | 1083.7 | 1085.9 | 1095.2 | 1096.3 | 1106.2 | 1112.3 | 1119.4 | 1141.9 |
| 22.5° | 1015.0 | 1024.4 | 1037.6 | 1057.9 | 1065.6 | 1070.0 | 1073.3 | 1077.7 | 1087.0 | 1095.2 | 1104.6 |
| 25° | 986.5 | 992.5 | 996.4 | 1002.4 | 1018.3 | 1044.2 | 1049.1 | 1054.0 | 1060.1 | 1066.1 | 1077.7 |
| 27.5° | 961.2 | 960.7 | 963.4 | 968.9 | 973.3 | 987.0 | 1011.2 | 1030.4 | 1031.5 | 1040.3 | 1050.2 |
| 30° | 943.1 | 939.8 | 935.9 | 934.9 | 940.9 | 948.0 | 955.2 | 985.4 | 1006.3 | 1010.6 | 1021.1 |
| 32.5° | 926.1 | 920.6 | 915.1 | 910.7 | 906.8 | 912.9 | 917.3 | 930.5 | 957.4 | 982.6 | 988.1 |
| 35° | 905.2 | 899.7 | 893.1 | 888.2 | 882.1 | 881.6 | 881.0 | 893.7 | 902.4 | 932.7 | 959.0 |
| 37.5° | 883.8 | 877.7 | 872.2 | 866.7 | 860.7 | 856.3 | 853.6 | 856.9 | 865.1 | 878.3 | 922.2 |
| 40° | 861.2 | 854.1 | 848.6 | 844.2 | 836.0 | 832.7 | 827.2 | 825.0 | 825.5 | 837.1 | 860.2 |
| 42.5° | 514.7 | 820.6 | 823.3 | 818.4 | 811.3 | 806.9 | 800.8 | 798.1 | 792.6 | 798.1 | 811.3 |
| 45° | 198.3 | 200.5 | 600.3 | 793.1 | 784.4 | 778.9 | 773.4 | 770.6 | 764.6 | 760.2 | 772.3 |
| 47.5° | 194.4 | 196.6 | 192.2 | 272.4 | 748.6 | 750.3 | 743.7 | 741.0 | 734.9 | 731.6 | 728.3 |
| 50° | 191.7 | 193.3 | 190.0 | 191.1 | 187.3 | 686.0 | 713.5 | 710.2 | 703.6 | 699.8 | 693.2 |
| 52.5° | 188.9 | 188.9 | 186.8 | 184.0 | 182.9 | 183.5 | 577.3 | 678.9 | 671.2 | 667.4 | 658.6 |
| 55° | 180.2 | 181.3 | 183.5 | 179.1 | 178.0 | 177.4 | 175.8 | 549.8 | 635.5 | 631.1 | 623.4 |
| 57.5° | 167.0 | 169.2 | 175.2 | 174.1 | 174.1 | 169.7 | 168.6 | 168.6 | 510.3 | 594.3 | 586.6 |
| 60° | 151.6 | 153.8 | 160.4 | 162.6 | 164.2 | 163.1 | 162.0 | 161.5 | 159.3 | 537.7 | 547.6 |
| 62.5° | 135.7 | 137.9 | 140.1 | 147.2 | 149.4 | 152.1 | 155.4 | 153.8 | 151.6 | 151.6 | 506.4 |
| 65° | 118.6 | 121.9 | 123.0 | 129.6 | 132.4 | 137.3 | 140.1 | 143.9 | 142.8 | 142.3 | 145.0 |
| 67.5° | 103.8 | 107.7 | 108.2 | 111.0 | 115.9 | 118.1 | 121.4 | 128.5 | 131.8 | 132.9 | 134.0 |
| 70° | 91.2 | 93.4 | 95.0 | 96.1 | 99.4 | 100.0 | 106.0 | 111.0 | 115.9 | 121.4 | 123.0 |
| 72.5° | 78.5 | 80.2 | 83.5 | 82.4 | 83.5 | 85.7 | 89.0 | 92.3 | 97.2 | 104.9 | 109.9 |
| 75° | 64.3 | 65.4 | 67.6 | 68.7 | 70.9 | 72.5 | 74.7 | 77.4 | 81.8 | 85.7 | 92.3 |
| 77.5° | 51.6 | 52.2 | 53.8 | 54.4 | 56.6 | 58.2 | 62.1 | 63.7 | 66.5 | 69.2 | 73.1 |
| 80° | 41.7 | 41.7 | 42.3 | 42.3 | 43.9 | 45.6 | 48.3 | 50.0 | 53.3 | 55.5 | 55.5 |
| 82.5° | 31.9 | 31.9 | 33.5 | 33.5 | 34.6 | 34.6 | 36.3 | 36.3 | 37.9 | 39.0 | 40.1 |
| 85° | 22.5 | 23.1 | 24.2 | 23.6 | 24.7 | 24.2 | 25.3 | 26.4 | 26.9 | 26.4 | 25.8 |
| 87.5° | 14.8 | 14.8 | 15.9 | 15.4 | 15.9 | 15.9 | 17.0 | 17.0 | 17.6 | 17.6 | 17.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

| | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° | 190° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 |
| 2.5° | 1230.9 | 1222.7 | 1217.7 | 1211.7 | 1210.0 | 1208.4 | 1210.6 | 1210.6 | 1207.3 | 1204.5 | 1199.6 |
| 5° | 1259.5 | 1250.7 | 1241.3 | 1231.5 | 1222.1 | 1212.2 | 1208.4 | 1207.8 | 1201.8 | 1198.5 | 1196.9 |
| 7.5° | 1274.3 | 1269.9 | 1259.5 | 1245.7 | 1231.5 | 1213.9 | 1206.2 | 1201.8 | 1195.8 | 1194.7 | 1194.7 |
| 10° | 1275.9 | 1271.0 | 1265.5 | 1255.6 | 1239.1 | 1216.1 | 1201.2 | 1192.5 | 1187.0 | 1190.8 | 1197.9 |
| 12.5° | 1260.0 | 1269.4 | 1264.4 | 1257.8 | 1244.6 | 1216.6 | 1195.2 | 1182.0 | 1180.4 | 1190.3 | 1208.9 |
| 15° | 1219.4 | 1246.8 | 1260.6 | 1254.0 | 1243.5 | 1215.5 | 1185.3 | 1169.9 | 1169.9 | 1190.3 | 1214.4 |
| 17.5° | 1188.6 | 1210.0 | 1243.5 | 1249.0 | 1236.9 | 1213.3 | 1176.0 | 1157.9 | 1162.8 | 1192.5 | 1218.3 |
| 20° | 1163.3 | 1176.5 | 1208.9 | 1239.7 | 1228.2 | 1208.4 | 1162.2 | 1143.6 | 1153.5 | 1189.2 | 1223.8 |
| 22.5° | 1123.8 | 1150.2 | 1169.9 | 1215.5 | 1219.4 | 1199.0 | 1148.5 | 1126.0 | 1145.8 | 1189.2 | 1221.0 |
| 25° | 1085.3 | 1117.2 | 1138.1 | 1182.6 | 1206.2 | 1187.5 | 1135.9 | 1107.3 | 1137.5 | 1187.5 | 1218.8 |
| 27.5° | 1058.4 | 1073.3 | 1111.2 | 1143.0 | 1186.4 | 1172.1 | 1118.9 | 1087.0 | 1127.1 | 1178.7 | 1206.2 |
| 30° | 1029.9 | 1039.8 | 1077.1 | 1107.3 | 1160.0 | 1154.6 | 1101.3 | 1064.5 | 1113.9 | 1170.5 | 1173.2 |
| 32.5° | 998.6 | 1009.6 | 1028.8 | 1072.7 | 1123.2 | 1138.1 | 1081.5 | 1042.0 | 1099.6 | 1157.9 | 1134.8 |
| 35° | 966.7 | 974.9 | 990.3 | 1037.6 | 1080.4 | 1113.4 | 1057.3 | 1016.1 | 1089.7 | 1138.6 | 1098.0 |
| 37.5° | 934.9 | 943.6 | 956.8 | 996.4 | 1035.4 | 1090.3 | 1036.5 | 990.3 | 1071.6 | 1104.6 | 1059.5 |
| 40° | 904.6 | 909.6 | 923.3 | 948.0 | 998.0 | 1066.7 | 1012.8 | 963.4 | 1052.9 | 1061.2 | 1007.4 |
| 42.5° | 849.2 | 873.9 | 886.5 | 906.3 | 955.7 | 1034.3 | 985.4 | 934.9 | 1032.1 | 1017.8 | 955.2 |
| 45° | 789.3 | 843.1 | 848.6 | 868.4 | 918.4 | 999.7 | 959.6 | 906.8 | 1012.3 | 980.4 | 905.7 |
| 47.5° | 740.4 | 779.4 | 811.3 | 827.7 | 873.9 | 959.0 | 935.4 | 883.2 | 982.6 | 933.2 | 857.4 |
| 50° | 697.0 | 717.9 | 775.6 | 787.6 | 820.6 | 910.1 | 906.8 | 855.8 | 941.4 | 873.9 | 810.2 |
| 52.5° | 654.7 | 669.6 | 721.7 | 747.6 | 774.5 | 857.4 | 872.8 | 828.8 | 896.4 | 814.6 | 762.4 |
| 55° | 617.9 | 622.9 | 651.4 | 705.8 | 730.0 | 804.1 | 835.4 | 797.5 | 839.3 | 758.0 | 716.2 |
| 57.5° | 580.0 | 575.6 | 596.5 | 666.3 | 683.8 | 749.7 | 795.9 | 765.7 | 793.1 | 700.3 | 668.5 |
| 60° | 540.5 | 534.4 | 543.2 | 589.4 | 635.0 | 695.9 | 749.2 | 730.5 | 737.1 | 643.2 | 615.2 |
| 62.5° | 499.3 | 493.2 | 490.5 | 519.6 | 587.2 | 640.4 | 702.0 | 691.5 | 668.5 | 591.0 | 549.3 |
| 65° | 456.4 | 450.4 | 446.0 | 457.5 | 534.4 | 568.5 | 649.2 | 646.5 | 593.2 | 536.1 | 462.5 |
| 67.5° | 139.0 | 409.8 | 400.4 | 399.9 | 450.4 | 503.1 | 592.1 | 587.7 | 517.4 | 477.3 | 398.2 |
| 70° | 125.2 | 332.3 | 353.2 | 348.2 | 370.2 | 436.7 | 526.7 | 523.5 | 443.8 | 382.8 | 352.1 |
| 72.5° | 114.8 | 117.5 | 312.0 | 306.5 | 311.4 | 371.3 | 458.6 | 449.8 | 376.2 | 302.1 | 304.3 |
| 75° | 98.3 | 103.3 | 107.7 | 258.7 | 252.1 | 307.6 | 384.5 | 370.8 | 310.3 | 249.4 | 254.3 |
| 77.5° | 80.2 | 86.2 | 89.5 | 188.4 | 203.8 | 219.2 | 307.0 | 288.9 | 213.7 | 199.4 | 95.0 |
| 80° | 59.9 | 64.8 | 70.3 | 75.2 | 154.9 | 153.2 | 227.9 | 209.8 | 148.9 | 124.1 | 74.2 |
| 82.5° | 43.9 | 45.6 | 48.9 | 54.4 | 61.5 | 102.7 | 146.7 | 129.1 | 103.3 | 56.6 | 51.1 |
| 85° | 27.5 | 29.7 | 31.3 | 33.0 | 37.4 | 61.5 | 72.5 | 57.7 | 43.4 | 34.6 | 32.4 |
| 87.5° | 17.6 | 17.6 | 17.0 | 17.6 | 18.1 | 22.0 | 24.7 | 23.6 | 18.7 | 17.6 | 17.6 |
| 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-L930-CD1-U

CANDELA DISTRIBUTION (continued):

| | 192.5° | 195° | 197.5° | 200° | 202.5° | 205° | 207.5° | 210° | 212.5° | 215° | 217.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 |
| 2.5° | 1194.1 | 1186.4 | 1186.4 | 1184.2 | 1185.9 | 1185.9 | 1185.3 | 1185.9 | 1189.7 | 1191.9 | 1195.8 |
| 5° | 1193.6 | 1191.4 | 1196.3 | 1202.3 | 1209.5 | 1218.3 | 1220.5 | 1228.2 | 1235.3 | 1244.6 | 1254.5 |
| 7.5° | 1200.7 | 1208.4 | 1217.7 | 1227.6 | 1241.9 | 1252.3 | 1261.7 | 1271.0 | 1277.6 | 1286.4 | 1291.9 |
| 10° | 1211.1 | 1226.5 | 1242.4 | 1255.1 | 1270.5 | 1279.2 | 1285.3 | 1286.4 | 1277.0 | 1262.2 | 1250.1 |
| 12.5° | 1226.0 | 1244.1 | 1258.9 | 1271.0 | 1278.1 | 1274.8 | 1257.3 | 1239.1 | 1228.7 | 1213.3 | 1191.9 |
| 15° | 1238.6 | 1255.1 | 1270.5 | 1265.5 | 1246.3 | 1228.2 | 1214.4 | 1193.0 | 1172.1 | 1157.9 | 1148.5 |
| 17.5° | 1244.1 | 1260.0 | 1254.5 | 1228.7 | 1210.6 | 1189.7 | 1161.7 | 1145.2 | 1131.5 | 1120.5 | 1115.0 |
| 20° | 1247.4 | 1244.6 | 1215.0 | 1196.3 | 1161.1 | 1141.9 | 1123.8 | 1108.4 | 1098.0 | 1092.5 | 1091.4 |
| 22.5° | 1238.6 | 1205.1 | 1179.8 | 1146.3 | 1120.5 | 1104.6 | 1090.3 | 1077.7 | 1070.5 | 1066.1 | 1063.4 |
| 25° | 1209.5 | 1170.5 | 1133.1 | 1106.8 | 1084.8 | 1071.1 | 1060.1 | 1049.6 | 1040.9 | 1038.7 | 1033.2 |
| 27.5° | 1168.8 | 1137.0 | 1087.5 | 1067.2 | 1048.0 | 1041.4 | 1029.3 | 1018.9 | 1011.2 | 1004.6 | 987.0 |
| 30° | 1135.3 | 1084.8 | 1049.1 | 1030.4 | 1018.9 | 1011.2 | 997.5 | 986.5 | 973.3 | 949.1 | 939.2 |
| 32.5° | 1094.1 | 1044.2 | 1010.1 | 999.7 | 985.4 | 978.8 | 963.4 | 939.2 | 918.9 | 909.0 | 908.5 |
| 35° | 1040.9 | 999.7 | 974.9 | 965.6 | 954.1 | 943.1 | 911.2 | 889.3 | 879.4 | 880.5 | 888.7 |
| 37.5° | 996.4 | 959.6 | 943.6 | 930.5 | 917.3 | 889.3 | 862.3 | 851.9 | 854.7 | 860.2 | 864.0 |
| 40° | 951.3 | 923.3 | 905.2 | 894.8 | 865.1 | 837.6 | 823.3 | 827.2 | 832.1 | 836.0 | 840.9 |
| 42.5° | 907.4 | 887.6 | 869.5 | 849.2 | 808.5 | 793.7 | 797.0 | 801.9 | 806.3 | 811.8 | 816.8 |
| 45° | 865.6 | 848.1 | 827.2 | 781.1 | 760.7 | 764.6 | 769.5 | 773.4 | 780.0 | 783.8 | 788.7 |
| 47.5° | 826.1 | 807.4 | 770.6 | 730.0 | 727.8 | 735.5 | 739.9 | 744.8 | 749.7 | 739.9 | 408.1 |
| 50° | 781.6 | 762.4 | 706.4 | 691.0 | 695.9 | 703.1 | 708.6 | 713.5 | 635.5 | 252.7 | 194.4 |
| 52.5° | 737.7 | 688.8 | 653.1 | 657.5 | 662.4 | 670.7 | 674.5 | 500.9 | 199.4 | 190.0 | 190.6 |
| 55° | 688.8 | 626.2 | 615.7 | 621.2 | 625.6 | 633.9 | 420.2 | 184.0 | 182.9 | 182.4 | 186.8 |
| 57.5° | 611.9 | 574.0 | 578.4 | 583.9 | 588.3 | 415.2 | 179.1 | 178.0 | 178.5 | 179.1 | 179.6 |
| 60° | 543.2 | 535.0 | 539.9 | 544.9 | 385.6 | 173.0 | 169.7 | 170.3 | 172.5 | 170.8 | 166.4 |
| 62.5° | 488.8 | 495.4 | 500.4 | 438.3 | 164.2 | 162.6 | 164.2 | 162.6 | 158.7 | 156.0 | 150.5 |
| 65° | 447.1 | 453.7 | 457.5 | 154.3 | 153.8 | 156.0 | 154.3 | 148.9 | 142.8 | 135.1 | 133.5 |
| 67.5° | 403.2 | 409.8 | 146.7 | 142.8 | 145.0 | 142.3 | 135.7 | 129.1 | 124.7 | 118.1 | 115.3 |
| 70° | 357.6 | 153.2 | 132.9 | 132.4 | 128.5 | 124.1 | 117.0 | 110.4 | 104.9 | 102.2 | 99.4 |
| 72.5° | 258.2 | 121.4 | 119.7 | 115.3 | 108.8 | 102.7 | 96.7 | 92.8 | 90.1 | 88.4 | 86.8 |
| 75° | 107.7 | 105.5 | 100.5 | 92.8 | 86.2 | 83.5 | 79.1 | 76.3 | 75.2 | 72.0 | 70.9 |
| 77.5° | 90.1 | 85.7 | 78.5 | 73.1 | 69.2 | 67.6 | 64.3 | 61.0 | 59.3 | 58.8 | 56.6 |
| 80° | 69.2 | 63.2 | 59.9 | 57.1 | 56.0 | 52.2 | 48.3 | 46.7 | 45.6 | 45.0 | 43.4 |
| 82.5° | 47.2 | 45.0 | 42.8 | 39.0 | 39.0 | 37.4 | 35.7 | 34.6 | 33.5 | 33.5 | 32.4 |
| 85° | 30.8 | 29.1 | 28.6 | 26.9 | 26.9 | 25.8 | 25.3 | 24.7 | 24.2 | 23.6 | 23.1 |
| 87.5° | 17.6 | 17.6 | 18.1 | 17.6 | 17.6 | 17.0 | 16.5 | 15.9 | 15.4 | 15.4 | 14.3 |
| 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-L930-CD1-U

CANDELA DISTRIBUTION (continued):

| | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° | 245° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 |
| 2.5° | 1200.7 | 1206.2 | 1207.3 | 1226.0 | 1236.4 | 1235.8 | 1232.6 | 1242.4 | 1236.4 | 1233.1 | 1236.4 |
| 5° | 1264.4 | 1271.0 | 1276.5 | 1296.8 | 1304.0 | 1307.3 | 1306.7 | 1312.2 | 1307.8 | 1304.0 | 1304.0 |
| 7.5° | 1295.7 | 1297.9 | 1300.1 | 1295.2 | 1291.9 | 1286.4 | 1278.1 | 1266.1 | 1260.0 | 1253.4 | 1245.2 |
| 10° | 1244.1 | 1236.9 | 1239.7 | 1229.8 | 1221.6 | 1215.5 | 1207.8 | 1197.9 | 1189.7 | 1183.7 | 1174.3 |
| 12.5° | 1180.9 | 1180.4 | 1181.5 | 1183.1 | 1174.9 | 1169.9 | 1163.9 | 1156.8 | 1150.7 | 1144.1 | 1136.4 |
| 15° | 1142.5 | 1143.0 | 1147.4 | 1145.8 | 1143.0 | 1140.3 | 1133.7 | 1131.5 | 1126.0 | 1118.9 | 1114.5 |
| 17.5° | 1115.0 | 1117.8 | 1122.2 | 1120.0 | 1115.6 | 1112.8 | 1107.9 | 1102.9 | 1098.0 | 1092.5 | 1085.9 |
| 20° | 1090.8 | 1093.6 | 1096.3 | 1093.6 | 1085.3 | 1081.5 | 1074.9 | 1059.5 | 1048.5 | 1037.6 | 1027.7 |
| 22.5° | 1064.5 | 1066.1 | 1063.9 | 1055.1 | 1034.3 | 1024.4 | 1016.7 | 1012.3 | 1003.0 | 996.9 | 990.9 |
| 25° | 1031.5 | 1022.2 | 1007.9 | 998.0 | 989.8 | 985.4 | 982.1 | 981.5 | 980.4 | 979.3 | 976.6 |
| 27.5° | 977.7 | 974.4 | 966.7 | 962.9 | 963.4 | 965.1 | 965.6 | 967.3 | 965.6 | 963.4 | 961.2 |
| 30° | 937.6 | 939.2 | 939.8 | 940.9 | 943.6 | 945.3 | 945.8 | 948.0 | 946.9 | 945.3 | 944.2 |
| 32.5° | 912.3 | 916.2 | 918.4 | 921.7 | 923.3 | 926.1 | 926.1 | 929.4 | 926.1 | 925.5 | 924.4 |
| 35° | 891.5 | 894.8 | 895.9 | 900.8 | 902.4 | 905.2 | 905.2 | 907.9 | 905.2 | 877.2 | 692.6 |
| 37.5° | 870.6 | 873.9 | 876.1 | 880.5 | 881.0 | 882.7 | 814.6 | 596.0 | 384.5 | 297.7 | 227.4 |
| 40° | 845.9 | 849.7 | 851.9 | 853.6 | 599.8 | 380.6 | 262.0 | 213.1 | 213.1 | 214.8 | 216.4 |
| 42.5° | 819.5 | 822.3 | 572.9 | 333.4 | 207.6 | 207.1 | 208.7 | 210.4 | 212.0 | 214.2 | 216.4 |
| 45° | 644.3 | 325.2 | 206.5 | 201.6 | 203.2 | 205.4 | 207.6 | 209.8 | 212.6 | 214.8 | 215.9 |
| 47.5° | 211.5 | 198.3 | 201.0 | 198.8 | 201.6 | 204.3 | 206.5 | 208.7 | 209.3 | 209.8 | 209.3 |
| 50° | 195.5 | 195.5 | 197.2 | 197.2 | 199.4 | 200.5 | 200.5 | 200.5 | 198.3 | 197.7 | 196.1 |
| 52.5° | 188.9 | 193.3 | 191.1 | 192.2 | 191.1 | 189.5 | 187.8 | 186.2 | 182.9 | 181.8 | 179.6 |
| 55° | 185.7 | 187.3 | 181.8 | 180.2 | 178.0 | 173.6 | 171.4 | 169.2 | 166.4 | 165.3 | 162.6 |
| 57.5° | 178.0 | 174.1 | 168.1 | 165.3 | 161.5 | 157.1 | 154.9 | 153.2 | 150.5 | 149.4 | 147.8 |
| 60° | 163.7 | 156.0 | 152.1 | 148.9 | 144.5 | 140.6 | 139.0 | 137.9 | 135.7 | 135.1 | 133.5 |
| 62.5° | 146.1 | 139.5 | 136.2 | 131.8 | 128.5 | 126.3 | 124.7 | 124.1 | 121.9 | 121.9 | 120.8 |
| 65° | 126.9 | 123.6 | 120.8 | 116.4 | 114.8 | 112.6 | 112.1 | 111.5 | 110.4 | 109.9 | 108.8 |
| 67.5° | 111.5 | 109.3 | 105.5 | 103.3 | 102.2 | 100.5 | 99.4 | 98.3 | 96.1 | 95.0 | 93.4 |
| 70° | 97.8 | 96.1 | 92.3 | 90.6 | 88.4 | 85.7 | 84.0 | 82.9 | 81.3 | 80.2 | 78.5 |
| 72.5° | 84.6 | 79.6 | 76.9 | 75.2 | 73.6 | 70.9 | 70.3 | 69.2 | 67.6 | 67.0 | 65.4 |
| 75° | 68.1 | 64.3 | 62.6 | 61.5 | 59.9 | 58.2 | 58.2 | 58.2 | 56.6 | 56.0 | 55.5 |
| 77.5° | 54.4 | 52.2 | 51.1 | 50.0 | 49.4 | 48.3 | 46.7 | 46.1 | 44.5 | 44.5 | 43.9 |
| 80° | 41.7 | 40.6 | 39.5 | 39.0 | 38.4 | 37.4 | 36.3 | 35.7 | 34.1 | 34.1 | 33.5 |
| 82.5° | 30.8 | 30.2 | 29.7 | 29.1 | 28.6 | 28.0 | 26.4 | 25.8 | 24.7 | 24.7 | 24.2 |
| 85° | 22.0 | 21.4 | 20.3 | 19.8 | 19.8 | 19.2 | 17.6 | 17.0 | 15.9 | 15.9 | 15.9 |
| 87.5° | 13.7 | 13.2 | 12.6 | 12.1 | 11.5 | 11.0 | 9.9 | 9.3 | 9.3 | 8.2 | 7.7 |
| 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-L930-CD1-U

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 262.5° | 265° | 267.5° | 270° | 272.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 |
| 2.5° | 1229.8 | 1239.1 | 1238.0 | 1244.6 | 1246.3 | 1249.6 | 1250.7 | 1251.2 | 1243.0 | 1249.6 | 1250.1 |
| 5° | 1302.3 | 1304.0 | 1305.1 | 1307.8 | 1310.5 | 1311.1 | 1308.4 | 1305.1 | 1306.2 | 1304.0 | 1298.5 |
| 7.5° | 1244.1 | 1235.8 | 1234.2 | 1232.0 | 1230.9 | 1229.8 | 1224.9 | 1229.3 | 1224.3 | 1222.1 | 1214.4 |
| 10° | 1172.7 | 1165.0 | 1164.4 | 1164.4 | 1166.1 | 1165.5 | 1164.4 | 1162.2 | 1166.6 | 1163.9 | 1162.2 |
| 12.5° | 1135.3 | 1132.6 | 1134.2 | 1133.1 | 1137.5 | 1138.6 | 1137.5 | 1137.5 | 1136.4 | 1134.2 | 1135.3 |
| 15° | 1112.8 | 1110.6 | 1112.3 | 1110.6 | 1113.9 | 1114.5 | 1111.7 | 1113.4 | 1110.6 | 1107.9 | 1106.8 |
| 17.5° | 1083.2 | 1078.2 | 1074.4 | 1068.9 | 1069.4 | 1068.3 | 1065.0 | 1065.0 | 1062.3 | 1055.1 | 1055.7 |
| 20° | 1026.0 | 1021.1 | 1018.9 | 1018.9 | 1021.6 | 1022.7 | 1022.2 | 1023.3 | 1020.5 | 1019.4 | 1015.0 |
| 22.5° | 990.3 | 989.8 | 990.9 | 993.6 | 998.0 | 1004.1 | 1004.6 | 1004.6 | 1004.6 | 1004.1 | 998.6 |
| 25° | 977.7 | 977.7 | 978.8 | 982.6 | 985.9 | 990.3 | 991.4 | 992.5 | 991.4 | 991.4 | 986.5 |
| 27.5° | 963.4 | 962.3 | 964.5 | 968.4 | 972.2 | 975.5 | 978.2 | 978.8 | 977.1 | 977.1 | 978.8 |
| 30° | 945.8 | 945.3 | 948.0 | 951.9 | 955.2 | 958.5 | 961.2 | 963.4 | 961.2 | 961.2 | 959.6 |
| 32.5° | 927.7 | 927.7 | 928.8 | 905.7 | 839.8 | 756.3 | 758.0 | 709.7 | 676.1 | 633.9 | 689.9 |
| 35° | 578.9 | 421.3 | 362.0 | 306.5 | 267.5 | 242.2 | 241.7 | 233.4 | 229.6 | 226.8 | 226.3 |
| 37.5° | 218.6 | 219.7 | 221.9 | 223.0 | 224.6 | 225.7 | 226.3 | 226.3 | 226.3 | 226.3 | 225.7 |
| 40° | 218.1 | 220.3 | 221.9 | 223.6 | 225.2 | 226.3 | 226.3 | 226.8 | 227.4 | 227.4 | 227.4 |
| 42.5° | 218.6 | 220.8 | 223.0 | 224.6 | 225.7 | 226.3 | 226.8 | 227.4 | 227.4 | 227.4 | 227.4 |
| 45° | 218.1 | 219.2 | 219.2 | 219.7 | 219.7 | 219.7 | 220.3 | 220.3 | 219.7 | 219.2 | 220.3 |
| 47.5° | 209.8 | 209.8 | 208.2 | 207.6 | 207.1 | 206.0 | 206.5 | 206.0 | 205.4 | 204.9 | 206.0 |
| 50° | 195.5 | 193.3 | 192.2 | 191.1 | 190.6 | 189.5 | 190.0 | 189.5 | 188.9 | 187.8 | 189.5 |
| 52.5° | 178.5 | 178.0 | 175.8 | 174.7 | 174.1 | 174.7 | 173.6 | 173.0 | 172.5 | 171.9 | 172.5 |
| 55° | 162.0 | 159.8 | 159.3 | 158.2 | 157.6 | 158.2 | 157.6 | 157.1 | 156.5 | 156.0 | 156.5 |
| 57.5° | 147.2 | 145.6 | 145.0 | 143.9 | 143.9 | 143.9 | 143.9 | 143.4 | 142.8 | 142.3 | 142.8 |
| 60° | 132.9 | 131.8 | 131.3 | 131.3 | 130.7 | 130.7 | 130.7 | 130.2 | 129.6 | 129.6 | 130.2 |
| 62.5° | 120.8 | 120.8 | 119.2 | 118.6 | 118.6 | 119.2 | 118.6 | 118.1 | 117.5 | 117.0 | 118.1 |
| 65° | 108.2 | 106.0 | 105.5 | 104.4 | 103.3 | 103.8 | 103.3 | 102.7 | 102.2 | 101.6 | 102.7 |
| 67.5° | 92.8 | 92.3 | 90.1 | 89.0 | 88.4 | 89.0 | 88.4 | 87.9 | 87.3 | 86.8 | 87.9 |
| 70° | 78.0 | 78.0 | 75.8 | 75.2 | 74.7 | 74.7 | 74.2 | 74.2 | 73.6 | 73.1 | 74.2 |
| 72.5° | 64.8 | 64.8 | 64.3 | 63.2 | 62.6 | 62.1 | 61.5 | 61.0 | 61.0 | 61.5 | 61.5 |
| 75° | 53.8 | 52.7 | 50.5 | 51.1 | 50.5 | 50.0 | 50.0 | 49.4 | 48.9 | 50.0 | 49.4 |
| 77.5° | 42.3 | 41.7 | 40.1 | 40.6 | 40.1 | 39.5 | 39.5 | 39.0 | 38.4 | 39.0 | 39.0 |
| 80° | 31.9 | 31.9 | 31.3 | 30.8 | 30.8 | 30.2 | 29.7 | 29.7 | 29.1 | 29.7 | 29.7 |
| 82.5° | 23.1 | 23.1 | 22.5 | 22.0 | 21.4 | 21.4 | 20.9 | 20.9 | 20.9 | 20.9 | 20.9 |
| 85° | 14.8 | 14.3 | 14.3 | 13.2 | 13.2 | 13.2 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 |
| 87.5° | 7.1 | 7.1 | 6.6 | 6.6 | 6.0 | 5.5 | 5.5 | 4.9 | 4.9 | 5.5 | 5.5 |
| 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-L930-CD1-U

CANDELA DISTRIBUTION (continued):

| | 275° | 277.5° | 280° | 282.5° | 285° | 287.5° | 290° | 292.5° | 295° | 297.5° | 300° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 |
| 2.5° | 1240.2 | 1247.4 | 1241.3 | 1244.1 | 1244.6 | 1254.0 | 1253.4 | 1255.6 | 1251.8 | 1247.4 | 1241.3 |
| 5° | 1303.4 | 1300.1 | 1295.7 | 1306.2 | 1300.7 | 1307.3 | 1309.4 | 1313.8 | 1313.8 | 1313.3 | 1308.4 |
| 7.5° | 1222.7 | 1215.5 | 1221.0 | 1224.9 | 1226.5 | 1222.1 | 1230.9 | 1240.8 | 1249.0 | 1254.0 | 1254.5 |
| 10° | 1159.5 | 1161.7 | 1161.1 | 1162.8 | 1166.6 | 1166.1 | 1171.6 | 1177.1 | 1179.3 | 1182.6 | 1183.7 |
| 12.5° | 1129.8 | 1129.3 | 1130.4 | 1134.2 | 1136.4 | 1135.9 | 1141.4 | 1144.7 | 1145.8 | 1146.3 | 1145.8 |
| 15° | 1106.2 | 1102.4 | 1105.1 | 1105.7 | 1107.3 | 1107.3 | 1113.9 | 1118.9 | 1121.1 | 1122.2 | 1121.1 |
| 17.5° | 1061.7 | 1052.4 | 1061.2 | 1061.2 | 1067.2 | 1066.1 | 1076.6 | 1084.8 | 1089.2 | 1092.5 | 1092.5 |
| 20° | 1017.8 | 1013.4 | 1016.7 | 1015.6 | 1020.0 | 1019.4 | 1026.0 | 1031.5 | 1035.4 | 1038.1 | 1041.4 |
| 22.5° | 1000.2 | 1001.3 | 996.4 | 996.9 | 996.9 | 996.4 | 999.7 | 1002.4 | 1003.5 | 1005.2 | 1004.1 |
| 25° | 988.7 | 989.8 | 988.1 | 985.4 | 984.3 | 985.4 | 987.0 | 990.3 | 990.9 | 989.8 | 985.9 |
| 27.5° | 977.1 | 973.8 | 976.6 | 971.7 | 970.6 | 972.7 | 974.9 | 975.5 | 976.0 | 976.0 | 972.7 |
| 30° | 959.6 | 956.8 | 959.6 | 957.4 | 955.2 | 957.4 | 959.0 | 959.0 | 960.1 | 960.7 | 956.8 |
| 32.5° | 670.7 | 676.1 | 765.1 | 819.0 | 894.8 | 933.2 | 940.3 | 940.3 | 941.4 | 941.4 | 938.1 |
| 35° | 228.5 | 229.0 | 247.7 | 268.6 | 313.1 | 368.0 | 440.0 | 477.3 | 603.6 | 754.7 | 900.8 |
| 37.5° | 225.7 | 225.2 | 224.6 | 224.1 | 223.6 | 223.0 | 221.9 | 221.4 | 224.6 | 266.4 | 361.4 |
| 40° | 226.8 | 226.3 | 225.2 | 224.6 | 224.1 | 223.0 | 222.5 | 221.4 | 220.3 | 219.2 | 218.1 |
| 42.5° | 226.8 | 226.3 | 225.7 | 225.2 | 224.6 | 224.1 | 223.0 | 221.9 | 220.8 | 219.2 | 217.5 |
| 45° | 219.2 | 219.2 | 219.7 | 219.7 | 220.3 | 220.3 | 220.3 | 219.7 | 219.7 | 219.2 | 217.0 |
| 47.5° | 204.9 | 204.9 | 206.5 | 206.5 | 207.6 | 208.7 | 208.7 | 209.8 | 211.5 | 212.6 | 213.1 |
| 50° | 188.4 | 188.4 | 190.0 | 190.6 | 191.7 | 193.3 | 195.0 | 195.5 | 197.2 | 199.4 | 201.6 |
| 52.5° | 171.9 | 171.9 | 173.6 | 173.6 | 174.7 | 176.3 | 178.0 | 178.5 | 180.7 | 182.9 | 185.7 |
| 55° | 156.5 | 156.5 | 157.6 | 158.2 | 158.7 | 159.8 | 161.5 | 161.5 | 163.7 | 165.3 | 168.1 |
| 57.5° | 142.8 | 143.9 | 143.9 | 143.9 | 144.5 | 145.6 | 146.7 | 146.7 | 148.3 | 149.9 | 152.1 |
| 60° | 129.6 | 130.7 | 130.7 | 130.7 | 131.3 | 131.8 | 132.9 | 132.9 | 134.0 | 135.1 | 137.3 |
| 62.5° | 117.5 | 118.6 | 118.6 | 119.2 | 119.2 | 119.7 | 120.8 | 120.3 | 121.4 | 121.9 | 123.6 |
| 65° | 102.2 | 103.3 | 103.8 | 104.4 | 104.9 | 106.0 | 107.7 | 107.1 | 108.8 | 109.9 | 111.5 |
| 67.5° | 87.3 | 88.4 | 88.4 | 89.0 | 89.5 | 90.6 | 91.7 | 91.7 | 93.4 | 94.5 | 96.7 |
| 70° | 73.6 | 74.7 | 74.7 | 75.2 | 75.8 | 76.9 | 78.0 | 77.4 | 79.1 | 80.2 | 81.8 |
| 72.5° | 61.0 | 62.1 | 62.1 | 62.6 | 62.6 | 63.7 | 64.8 | 65.9 | 65.9 | 67.0 | 68.1 |
| 75° | 49.4 | 50.0 | 50.5 | 50.5 | 51.1 | 51.6 | 52.7 | 53.8 | 54.4 | 54.9 | 56.0 |
| 77.5° | 39.0 | 39.5 | 40.1 | 40.1 | 40.6 | 41.2 | 41.7 | 43.9 | 45.0 | 45.6 | 45.6 |
| 80° | 29.7 | 30.2 | 30.2 | 30.2 | 30.8 | 31.3 | 32.4 | 32.4 | 34.6 | 34.6 | 35.2 |
| 82.5° | 20.9 | 21.4 | 21.4 | 21.4 | 22.0 | 23.1 | 23.6 | 24.2 | 25.3 | 25.8 | 25.8 |
| 85° | 12.6 | 13.2 | 13.2 | 13.2 | 13.7 | 14.3 | 15.4 | 15.9 | 16.5 | 16.5 | 17.0 |
| 87.5° | 4.9 | 5.5 | 6.0 | 6.0 | 6.6 | 7.1 | 7.7 | 8.2 | 8.8 | 8.8 | 9.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

| | 302.5° | 305° | 307.5° | 310° | 312.5° | 315° | 317.5° | 320° | 322.5° | 325° | 327.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 |
| 2.5° | 1234.7 | 1238.6 | 1234.7 | 1236.9 | 1239.7 | 1234.7 | 1223.2 | 1218.8 | 1217.2 | 1210.6 | 1206.2 |
| 5° | 1303.4 | 1303.4 | 1301.8 | 1306.2 | 1305.6 | 1297.9 | 1285.8 | 1280.3 | 1274.8 | 1267.7 | 1262.2 |
| 7.5° | 1254.5 | 1258.9 | 1261.7 | 1278.7 | 1289.7 | 1290.8 | 1298.5 | 1300.1 | 1302.3 | 1300.1 | 1296.8 |
| 10° | 1184.2 | 1182.6 | 1190.3 | 1206.2 | 1215.5 | 1220.5 | 1235.3 | 1242.4 | 1248.5 | 1260.6 | 1273.2 |
| 12.5° | 1144.7 | 1146.9 | 1150.2 | 1161.7 | 1170.5 | 1168.3 | 1174.3 | 1179.3 | 1186.4 | 1198.5 | 1216.6 |
| 15° | 1118.3 | 1120.5 | 1123.8 | 1132.6 | 1138.1 | 1135.3 | 1138.6 | 1141.9 | 1146.9 | 1152.9 | 1163.9 |
| 17.5° | 1089.7 | 1093.6 | 1097.4 | 1106.8 | 1111.7 | 1111.2 | 1113.9 | 1115.0 | 1116.7 | 1120.5 | 1128.2 |
| 20° | 1045.3 | 1057.3 | 1065.0 | 1077.7 | 1084.8 | 1083.7 | 1088.6 | 1090.3 | 1092.5 | 1096.3 | 1099.6 |
| 22.5° | 1004.6 | 1007.9 | 1011.7 | 1025.5 | 1037.6 | 1052.4 | 1055.7 | 1060.1 | 1065.6 | 1069.4 | 1072.7 |
| 25° | 981.5 | 979.3 | 981.0 | 990.3 | 996.9 | 998.0 | 1003.0 | 1017.2 | 1032.1 | 1038.7 | 1046.4 |
| 27.5° | 967.8 | 965.6 | 965.1 | 969.5 | 970.6 | 967.8 | 966.7 | 971.1 | 982.1 | 993.1 | 1016.1 |
| 30° | 953.0 | 950.2 | 948.0 | 951.9 | 953.5 | 949.7 | 942.5 | 938.7 | 945.3 | 948.0 | 957.4 |
| 32.5° | 935.4 | 932.7 | 931.6 | 933.8 | 934.9 | 931.6 | 923.9 | 919.5 | 918.4 | 916.2 | 918.4 |
| 35° | 915.6 | 912.9 | 911.2 | 911.8 | 914.0 | 911.2 | 904.6 | 899.1 | 896.4 | 890.4 | 886.0 |
| 37.5° | 471.8 | 668.5 | 867.8 | 888.7 | 890.9 | 890.4 | 883.8 | 877.7 | 875.0 | 867.8 | 865.6 |
| 40° | 215.9 | 241.1 | 362.0 | 472.9 | 682.2 | 866.7 | 860.7 | 854.7 | 849.7 | 847.5 | 839.3 |
| 42.5° | 215.3 | 215.9 | 216.4 | 213.7 | 264.7 | 450.9 | 665.7 | 831.0 | 827.7 | 822.3 | 816.2 |
| 45° | 215.3 | 212.6 | 214.8 | 211.5 | 212.6 | 212.0 | 264.2 | 426.2 | 758.5 | 792.6 | 789.8 |
| 47.5° | 213.1 | 211.5 | 213.7 | 210.9 | 207.6 | 209.3 | 207.1 | 209.8 | 327.4 | 555.3 | 760.7 |
| 50° | 203.2 | 204.3 | 208.2 | 207.6 | 204.9 | 207.1 | 203.2 | 206.5 | 203.8 | 223.6 | 430.6 |
| 52.5° | 188.4 | 190.6 | 194.4 | 197.7 | 198.8 | 201.6 | 200.5 | 201.6 | 199.4 | 199.9 | 200.5 |
| 55° | 170.8 | 173.6 | 176.9 | 181.8 | 184.0 | 188.4 | 191.7 | 193.3 | 196.1 | 195.5 | 191.1 |
| 57.5° | 154.3 | 157.1 | 159.8 | 164.8 | 169.7 | 171.9 | 178.0 | 181.3 | 188.4 | 186.8 | 185.7 |
| 60° | 139.0 | 141.2 | 143.9 | 145.0 | 151.0 | 154.9 | 160.4 | 163.7 | 173.0 | 175.2 | 178.5 |
| 62.5° | 125.2 | 126.3 | 128.5 | 130.2 | 134.0 | 137.9 | 140.6 | 146.1 | 151.0 | 158.2 | 163.1 |
| 65° | 112.6 | 113.7 | 115.3 | 116.4 | 117.0 | 122.5 | 124.1 | 130.2 | 131.8 | 139.5 | 143.9 |
| 67.5° | 98.3 | 100.5 | 102.7 | 103.8 | 104.9 | 108.2 | 109.3 | 112.1 | 115.9 | 119.2 | 124.7 |
| 70° | 83.5 | 85.1 | 87.3 | 89.0 | 91.2 | 93.4 | 96.7 | 98.3 | 101.1 | 103.3 | 107.7 |
| 72.5° | 69.8 | 71.4 | 72.5 | 74.2 | 75.8 | 77.4 | 80.2 | 84.0 | 86.2 | 90.1 | 91.2 |
| 75° | 56.6 | 58.2 | 59.3 | 60.4 | 62.1 | 63.2 | 64.3 | 68.1 | 70.3 | 73.6 | 76.9 |
| 77.5° | 46.7 | 46.7 | 47.8 | 51.1 | 50.5 | 50.5 | 51.6 | 53.8 | 55.5 | 57.7 | 61.0 |
| 80° | 36.3 | 36.8 | 37.4 | 40.1 | 40.6 | 41.2 | 40.6 | 42.3 | 43.9 | 44.5 | 46.7 |
| 82.5° | 26.9 | 27.5 | 27.5 | 29.1 | 30.8 | 30.8 | 30.8 | 31.3 | 33.0 | 33.5 | 34.6 |
| 85° | 18.1 | 18.7 | 19.2 | 19.8 | 20.9 | 21.4 | 22.0 | 22.0 | 23.1 | 23.6 | 24.2 |
| 87.5° | 9.9 | 11.0 | 11.5 | 12.1 | 12.6 | 13.2 | 13.7 | 14.3 | 14.8 | 15.4 | 15.9 |
| 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-L930-CD1-U

CANDELA DISTRIBUTION (continued):

| | 330° | 332.5° | 335° | 337.5° | 340° | 342.5° | 345° | 347.5° | 350° | 352.5° | 355° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 |
| 2.5° | 1204.5 | 1201.8 | 1200.1 | 1195.8 | 1194.7 | 1187.5 | 1188.6 | 1187.5 | 1187.5 | 1189.2 | 1194.7 |
| 5° | 1256.2 | 1243.0 | 1239.7 | 1230.4 | 1222.7 | 1209.5 | 1201.2 | 1196.9 | 1190.3 | 1187.5 | 1191.4 |
| 7.5° | 1291.3 | 1281.4 | 1273.2 | 1265.0 | 1254.0 | 1238.6 | 1227.1 | 1213.9 | 1202.9 | 1192.5 | 1189.7 |
| 10° | 1285.3 | 1296.3 | 1296.3 | 1291.3 | 1280.9 | 1265.5 | 1251.8 | 1235.3 | 1216.1 | 1199.6 | 1189.7 |
| 12.5° | 1234.2 | 1253.4 | 1268.8 | 1280.3 | 1290.8 | 1280.3 | 1266.6 | 1253.4 | 1232.0 | 1207.8 | 1189.7 |
| 15° | 1178.2 | 1197.9 | 1217.2 | 1241.3 | 1266.6 | 1277.0 | 1276.5 | 1261.1 | 1241.9 | 1216.6 | 1191.4 |
| 17.5° | 1138.6 | 1152.4 | 1162.8 | 1189.2 | 1219.9 | 1246.8 | 1265.0 | 1266.1 | 1247.4 | 1224.9 | 1191.9 |
| 20° | 1109.0 | 1118.9 | 1127.6 | 1142.5 | 1169.4 | 1202.3 | 1235.8 | 1254.5 | 1251.2 | 1226.5 | 1193.6 |
| 22.5° | 1082.1 | 1089.2 | 1096.3 | 1107.3 | 1128.7 | 1150.2 | 1189.2 | 1227.6 | 1244.1 | 1223.8 | 1191.9 |
| 25° | 1055.1 | 1062.8 | 1068.3 | 1076.0 | 1093.0 | 1110.6 | 1138.1 | 1185.9 | 1222.7 | 1221.6 | 1188.6 |
| 27.5° | 1023.3 | 1033.7 | 1040.3 | 1050.7 | 1062.3 | 1075.5 | 1094.1 | 1139.2 | 1191.9 | 1210.6 | 1179.8 |
| 30° | 984.8 | 1000.2 | 1010.1 | 1021.6 | 1031.5 | 1043.1 | 1057.9 | 1085.3 | 1150.7 | 1189.2 | 1170.5 |
| 32.5° | 929.4 | 956.8 | 978.8 | 989.8 | 1000.8 | 1010.6 | 1023.8 | 1046.9 | 1100.2 | 1160.0 | 1160.0 |
| 35° | 889.8 | 902.4 | 922.2 | 954.1 | 967.8 | 977.7 | 989.8 | 1007.9 | 1042.0 | 1125.4 | 1143.0 |
| 37.5° | 859.1 | 864.0 | 873.9 | 905.2 | 931.0 | 946.9 | 959.0 | 970.6 | 1004.1 | 1078.2 | 1121.1 |
| 40° | 836.0 | 834.3 | 833.2 | 848.1 | 884.9 | 910.1 | 923.9 | 935.4 | 961.2 | 1021.6 | 1091.9 |
| 42.5° | 809.1 | 807.4 | 801.9 | 805.8 | 823.9 | 866.2 | 887.1 | 899.7 | 921.1 | 962.3 | 1060.1 |
| 45° | 781.1 | 778.3 | 776.1 | 772.3 | 778.9 | 802.5 | 845.3 | 864.0 | 876.1 | 912.9 | 1020.0 |
| 47.5° | 752.5 | 748.6 | 745.9 | 742.6 | 738.8 | 749.7 | 790.4 | 823.9 | 844.8 | 867.8 | 971.7 |
| 50° | 711.8 | 716.8 | 713.5 | 709.7 | 706.4 | 704.2 | 721.2 | 776.1 | 801.9 | 820.6 | 912.9 |
| 52.5° | 335.6 | 652.5 | 680.0 | 676.1 | 671.8 | 667.9 | 671.8 | 713.5 | 760.2 | 775.0 | 842.0 |
| 55° | 191.1 | 290.6 | 604.7 | 639.3 | 635.5 | 630.0 | 626.7 | 641.0 | 710.8 | 730.5 | 777.2 |
| 57.5° | 184.0 | 184.6 | 266.9 | 576.2 | 597.6 | 592.7 | 588.8 | 592.1 | 651.4 | 684.9 | 720.6 |
| 60° | 178.0 | 178.0 | 178.0 | 254.9 | 550.9 | 552.6 | 547.6 | 542.1 | 567.9 | 633.9 | 663.5 |
| 62.5° | 164.8 | 168.1 | 169.7 | 169.7 | 251.6 | 510.3 | 505.3 | 503.7 | 504.8 | 572.3 | 606.4 |
| 65° | 147.8 | 155.4 | 158.7 | 160.9 | 160.9 | 264.2 | 461.9 | 459.2 | 455.3 | 481.2 | 548.7 |
| 67.5° | 129.1 | 136.8 | 143.9 | 148.3 | 148.9 | 153.8 | 275.7 | 413.6 | 408.1 | 408.7 | 487.2 |
| 70° | 109.9 | 116.4 | 124.1 | 130.7 | 136.8 | 139.5 | 143.9 | 343.3 | 361.4 | 353.7 | 417.4 |
| 72.5° | 95.0 | 97.8 | 103.3 | 109.9 | 117.0 | 123.6 | 127.4 | 136.8 | 313.6 | 305.4 | 317.5 |
| 75° | 79.1 | 81.3 | 85.1 | 89.5 | 95.0 | 102.7 | 109.3 | 115.9 | 166.4 | 256.0 | 254.3 |
| 77.5° | 61.5 | 65.4 | 69.8 | 72.5 | 75.2 | 80.7 | 89.5 | 96.1 | 102.7 | 173.0 | 203.8 |
| 80° | 47.2 | 50.0 | 52.2 | 54.9 | 58.2 | 62.1 | 65.4 | 73.1 | 80.7 | 86.8 | 156.0 |
| 82.5° | 35.2 | 36.8 | 38.4 | 39.5 | 40.6 | 42.8 | 48.9 | 51.6 | 56.6 | 62.1 | 73.6 |
| 85° | 24.7 | 25.8 | 26.9 | 27.5 | 28.0 | 28.6 | 30.8 | 31.3 | 36.3 | 37.4 | 44.5 |
| 87.5° | 15.9 | 16.5 | 17.6 | 18.1 | 18.1 | 18.7 | 19.2 | 19.2 | 19.2 | 18.1 | 22.0 |
| 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-L930-CD1-U

CANDELA DISTRIBUTION (continued):

| | 357.5° | 360° |
|-------|--------|--------|
| 0° | 1198.5 | 1198.5 |
| 2.5° | 1199.0 | 1207.8 |
| 5° | 1197.4 | 1208.9 |
| 7.5° | 1193.0 | 1204.0 |
| 10° | 1186.4 | 1199.6 |
| 12.5° | 1179.3 | 1191.9 |
| 15° | 1173.2 | 1182.6 |
| 17.5° | 1166.6 | 1172.1 |
| 20° | 1157.9 | 1162.2 |
| 22.5° | 1149.1 | 1146.9 |
| 25° | 1139.2 | 1134.2 |
| 27.5° | 1126.5 | 1117.2 |
| 30° | 1115.0 | 1098.5 |
| 32.5° | 1104.0 | 1077.1 |
| 35° | 1089.2 | 1055.1 |
| 37.5° | 1073.8 | 1032.6 |
| 40° | 1055.7 | 1006.8 |
| 42.5° | 1036.5 | 981.0 |
| 45° | 1012.3 | 956.3 |
| 47.5° | 990.9 | 926.6 |
| 50° | 961.2 | 894.8 |
| 52.5° | 925.0 | 865.1 |
| 55° | 882.1 | 828.8 |
| 57.5° | 836.0 | 790.9 |
| 60° | 786.5 | 747.6 |
| 62.5° | 726.7 | 702.5 |
| 65° | 656.4 | 650.9 |
| 67.5° | 564.6 | 593.8 |
| 70° | 463.0 | 528.4 |
| 72.5° | 387.2 | 459.2 |
| 75° | 317.5 | 381.7 |
| 77.5° | 251.6 | 299.3 |
| 80° | 157.1 | 219.2 |
| 82.5° | 105.5 | 143.9 |
| 85° | 63.7 | 68.7 |
| 87.5° | 24.7 | 25.3 |
| 90° | 0.0 | 0.0 |

(END OF REPORT)