

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: **8SNLED-LD5-74SL-LW-UNV-L935-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 (P33520)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 8SNLED-LD5-74SL-LW-UNV-L935-CD1-U
Description: 8FT LINEAR SNLED LED FIXTURE
WIDE FROSTED LENS
Light Source: -
Ballast/Driver: -

Summary

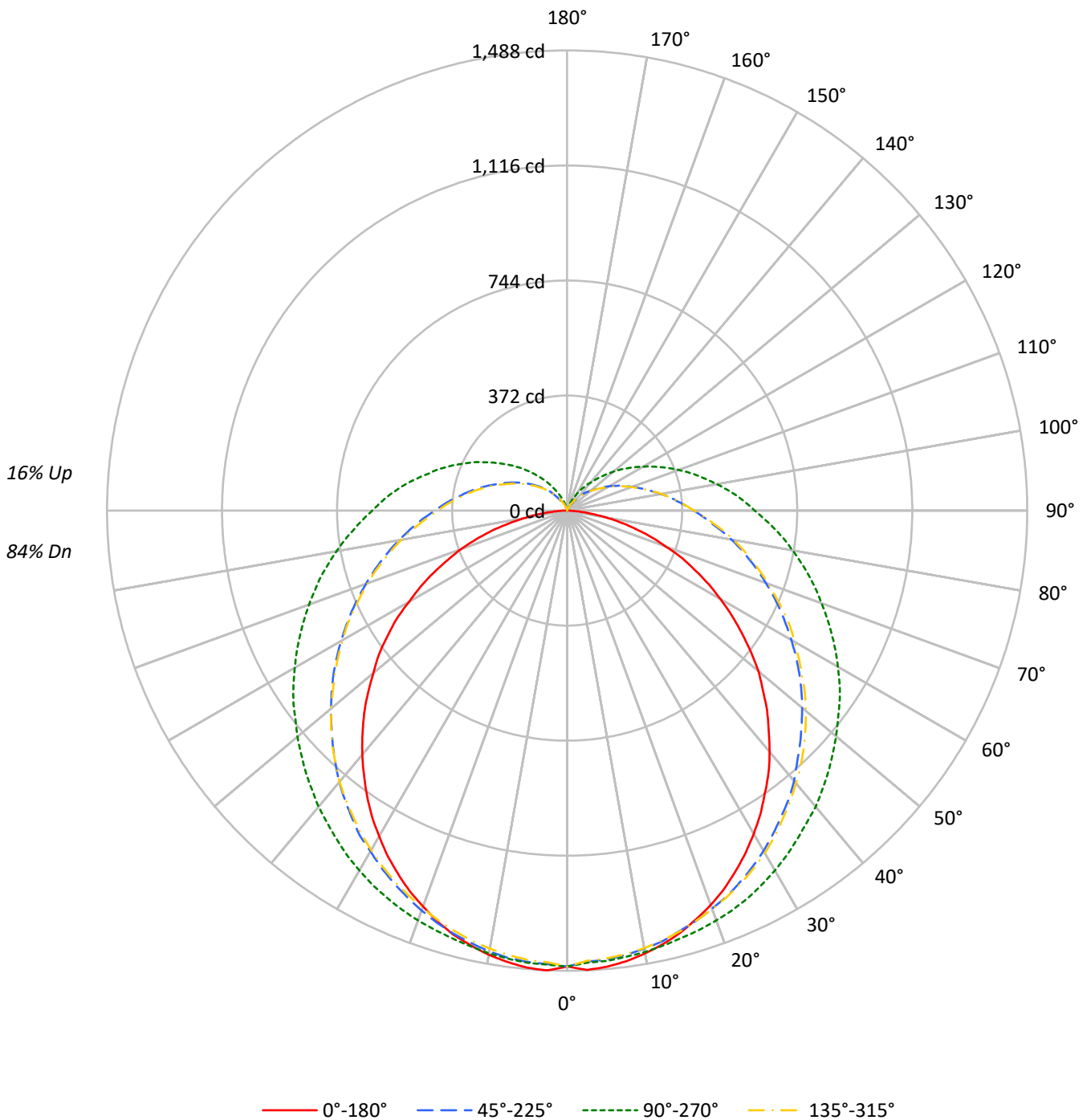
Lumens per Lamp: N/A
Luminaire Lumens: 6405.0 lumens
Efficiency: N/A
Efficacy: 105.0 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.36 / 1.44
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 8' x H: 0.12')
CIE Type: Semi-Direct

Input Watts (W): 61
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: 8SNLED-LD5-74SL-LW-UNV-L935-CD1-U

Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-74SL-LW-UNV-L935-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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 115 | 115 | 115 | 115 | 111 | 111 | 111 | 111 | 102 | 102 | 102 | 94 | 94 | 94 | 87 | 87 | 87 | 84 |
| 1 | 102 | 96 | 91 | 86 | 98 | 92 | 87 | 83 | 85 | 81 | 77 | 78 | 75 | 72 | 72 | 70 | 67 | 64 |
| 2 | 92 | 82 | 74 | 68 | 87 | 79 | 72 | 66 | 73 | 67 | 62 | 67 | 62 | 58 | 62 | 58 | 54 | 51 |
| 3 | 83 | 71 | 62 | 55 | 79 | 69 | 60 | 54 | 63 | 56 | 51 | 58 | 52 | 48 | 54 | 49 | 45 | 42 |
| 4 | 76 | 63 | 53 | 46 | 72 | 60 | 52 | 45 | 56 | 48 | 42 | 51 | 45 | 40 | 47 | 42 | 38 | 35 |
| 5 | 69 | 56 | 46 | 39 | 66 | 54 | 45 | 38 | 50 | 42 | 36 | 46 | 39 | 34 | 42 | 37 | 33 | 30 |
| 6 | 64 | 50 | 41 | 34 | 61 | 48 | 39 | 33 | 45 | 37 | 31 | 41 | 35 | 30 | 38 | 33 | 28 | 26 |
| 7 | 59 | 45 | 36 | 30 | 56 | 43 | 35 | 29 | 40 | 33 | 28 | 38 | 31 | 26 | 35 | 29 | 25 | 23 |
| 8 | 55 | 41 | 32 | 26 | 52 | 40 | 31 | 26 | 37 | 30 | 24 | 34 | 28 | 23 | 32 | 26 | 22 | 20 |
| 9 | 51 | 37 | 29 | 23 | 49 | 36 | 28 | 23 | 34 | 27 | 22 | 32 | 25 | 21 | 30 | 24 | 20 | 18 |
| 10 | 48 | 34 | 26 | 21 | 46 | 33 | 26 | 21 | 31 | 24 | 20 | 29 | 23 | 19 | 27 | 22 | 18 | 16 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|------|------|------|
| 0° | 5957 | 5957 | 5957 | 5957 |
| 5° | 5997 | 5740 | 6009 | 5765 |
| 10° | 5949 | 5577 | 5968 | 5595 |
| 15° | 5888 | 5438 | 5914 | 5444 |
| 20° | 5804 | 5336 | 5825 | 5336 |
| 25° | 5699 | 5245 | 5733 | 5239 |
| 30° | 5580 | 5152 | 5623 | 5152 |
| 35° | 5440 | 5066 | 5501 | 5072 |
| 40° | 5303 | 5015 | 5368 | 5015 |
| 45° | 5145 | 4962 | 5223 | 4968 |
| 50° | 4981 | 4930 | 5048 | 4944 |
| 55° | 4747 | 4935 | 4897 | 4956 |
| 60° | 4503 | 4950 | 4649 | 4980 |
| 65° | 4229 | 5000 | 4416 | 5049 |
| 70° | 3840 | 5092 | 4140 | 5164 |
| 75° | 3396 | 5258 | 3716 | 5359 |
| 80° | 2693 | 5505 | 3059 | 5632 |
| 85° | 1711 | 5901 | 2140 | 6064 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-74SL-LW-UNV-L935-CD1-U

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 139.7 | 2.2 |
| 10°-20° | 401.4 | 6.3 |
| 20°-30° | 615.4 | 9.6 |
| 30°-40° | 759.2 | 11.9 |
| 40°-50° | 823.7 | 12.9 |
| 50°-60° | 811.8 | 12.7 |
| 60°-70° | 734.0 | 11.5 |
| 70°-80° | 611.5 | 9.5 |
| 80°-90° | 473.6 | 7.4 |
| 90°-100° | 359.2 | 5.6 |
| 100°-110° | 265.8 | 4.2 |
| 110°-120° | 184.9 | 2.9 |
| 120°-130° | 118.0 | 1.8 |
| 130°-140° | 66.2 | 1.0 |
| 140°-150° | 30.2 | 0.5 |
| 150°-160° | 9.4 | 0.1 |
| 160°-170° | 1.2 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-30° | 1156.4 | 18.1 |
| 0°-40° | 1915.6 | 29.9 |
| 0°-60° | 3551.1 | 55.4 |
| 0°-90° | 5370.2 | 83.8 |
| 90°-120° | 809.9 | 12.6 |
| 90°-150° | 1024.3 | 16.0 |
| 90°-180° | 1035.0 | 16.2 |
| 0°-180° | 6405.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1474 | 1474 | 1474 | 1474 | 1474 | |
| 5° | 1480 | 1462 | 1484 | 1468 | 1480 | 140 |
| 15° | 1414 | 1431 | 1420 | 1432 | 1414 | 398 |
| 25° | 1288 | 1382 | 1295 | 1381 | 1288 | 593 |
| 35° | 1115 | 1297 | 1128 | 1298 | 1115 | 698 |
| 45° | 914 | 1194 | 928 | 1196 | 914 | 704 |
| 55° | 689 | 1076 | 711 | 1081 | 689 | 617 |
| 65° | 457 | 944 | 477 | 953 | 457 | 453 |
| 75° | 230 | 809 | 252 | 824 | 230 | 244 |
| 85° | 44 | 673 | 54 | 692 | 44 | 53 |
| 90° | 2 | 606 | 3 | 630 | 2 | 2 |
| 95° | 2 | 550 | 2 | 577 | 2 | 1 |
| 105° | 2 | 437 | 2 | 463 | 2 | 2 |
| 115° | 2 | 333 | 2 | 362 | 2 | 2 |
| 125° | 2 | 240 | 2 | 266 | 2 | 1 |
| 135° | 2 | 156 | 2 | 184 | 2 | 1 |
| 145° | 2 | 90 | 2 | 110 | 2 | 1 |
| 155° | 2 | 37 | 2 | 51 | 2 | 1 |
| 165° | 2 | 6 | 2 | 9 | 2 | 0 |
| 175° | 0 | 0 | 0 | 0 | 0 | 0 |
| 180° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-74SL-LW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 |
| 2.5° | 1486.7 | 1486.7 | 1485.1 | 1482.0 | 1483.6 | 1488.2 | 1485.1 | 1477.4 | 1472.7 | 1460.2 | 1463.4 |
| 5° | 1480.5 | 1480.5 | 1478.9 | 1475.8 | 1477.4 | 1483.6 | 1480.5 | 1474.2 | 1468.0 | 1457.1 | 1461.8 |
| 7.5° | 1469.6 | 1469.6 | 1468.0 | 1464.9 | 1468.0 | 1474.2 | 1471.1 | 1464.9 | 1460.2 | 1449.4 | 1454.0 |
| 10° | 1454.0 | 1455.6 | 1454.0 | 1449.4 | 1455.6 | 1461.8 | 1460.2 | 1452.5 | 1447.8 | 1438.5 | 1443.1 |
| 12.5° | 1435.4 | 1436.9 | 1435.4 | 1433.8 | 1436.9 | 1446.3 | 1443.1 | 1436.9 | 1433.8 | 1426.0 | 1430.7 |
| 15° | 1413.6 | 1415.1 | 1412.0 | 1412.0 | 1415.1 | 1424.5 | 1424.5 | 1418.3 | 1415.1 | 1407.4 | 1416.7 |
| 17.5° | 1385.6 | 1387.2 | 1385.6 | 1385.6 | 1388.7 | 1398.0 | 1399.6 | 1396.5 | 1393.4 | 1390.3 | 1399.6 |
| 20° | 1357.6 | 1356.1 | 1356.1 | 1354.5 | 1360.7 | 1374.7 | 1373.2 | 1373.2 | 1370.1 | 1370.1 | 1380.9 |
| 22.5° | 1325.0 | 1325.0 | 1323.4 | 1323.4 | 1331.2 | 1343.6 | 1343.6 | 1346.7 | 1343.6 | 1349.8 | 1359.2 |
| 25° | 1287.6 | 1289.2 | 1287.6 | 1290.7 | 1297.0 | 1311.0 | 1312.5 | 1317.2 | 1318.7 | 1325.0 | 1335.8 |
| 27.5° | 1248.8 | 1250.3 | 1248.8 | 1251.9 | 1262.7 | 1273.6 | 1281.4 | 1287.6 | 1289.2 | 1298.5 | 1312.5 |
| 30° | 1206.8 | 1206.8 | 1208.3 | 1211.4 | 1223.9 | 1241.0 | 1247.2 | 1255.0 | 1255.0 | 1270.5 | 1284.5 |
| 32.5° | 1163.2 | 1163.2 | 1163.2 | 1169.4 | 1183.4 | 1203.7 | 1211.4 | 1220.8 | 1223.9 | 1239.4 | 1255.0 |
| 35° | 1115.0 | 1116.6 | 1116.6 | 1121.2 | 1139.9 | 1160.1 | 1171.0 | 1181.9 | 1188.1 | 1206.8 | 1222.3 |
| 37.5° | 1069.9 | 1073.0 | 1068.4 | 1074.6 | 1101.0 | 1118.1 | 1130.6 | 1141.4 | 1152.3 | 1177.2 | 1189.7 |
| 40° | 1018.6 | 1021.7 | 1020.2 | 1032.6 | 1054.4 | 1076.1 | 1090.1 | 1101.0 | 1116.6 | 1141.4 | 1155.4 |
| 42.5° | 964.2 | 967.3 | 970.4 | 984.4 | 1007.7 | 1029.5 | 1046.6 | 1060.6 | 1079.2 | 1101.0 | 1124.3 |
| 45° | 914.4 | 914.4 | 919.1 | 936.2 | 961.1 | 984.4 | 1004.6 | 1020.2 | 1041.9 | 1065.2 | 1088.6 |
| 47.5° | 858.4 | 860.0 | 866.2 | 886.4 | 912.8 | 940.8 | 959.5 | 979.7 | 1003.0 | 1027.9 | 1054.4 |
| 50° | 807.1 | 807.1 | 816.4 | 838.2 | 863.1 | 894.2 | 914.4 | 937.7 | 962.6 | 992.2 | 1018.6 |
| 52.5° | 748.0 | 751.1 | 765.1 | 785.3 | 818.0 | 846.0 | 869.3 | 894.2 | 923.7 | 954.8 | 984.4 |
| 55° | 688.9 | 695.1 | 706.0 | 734.0 | 768.2 | 794.7 | 822.7 | 853.8 | 881.7 | 916.0 | 950.2 |
| 57.5° | 631.4 | 636.0 | 653.1 | 681.1 | 716.9 | 749.6 | 779.1 | 808.7 | 842.9 | 877.1 | 912.8 |
| 60° | 572.3 | 578.5 | 598.7 | 626.7 | 665.6 | 699.8 | 734.0 | 765.1 | 800.9 | 836.6 | 874.0 |
| 62.5° | 516.3 | 521.0 | 544.3 | 576.9 | 615.8 | 653.1 | 687.4 | 724.7 | 763.6 | 797.8 | 835.1 |
| 65° | 457.2 | 465.0 | 491.4 | 521.0 | 566.1 | 603.4 | 642.3 | 682.7 | 723.1 | 760.4 | 796.2 |
| 67.5° | 402.8 | 407.4 | 435.4 | 469.6 | 514.7 | 556.7 | 597.2 | 640.7 | 682.7 | 721.6 | 757.3 |
| 70° | 339.0 | 354.6 | 382.6 | 418.3 | 466.5 | 510.1 | 553.6 | 598.7 | 643.8 | 684.2 | 718.5 |
| 72.5° | 286.1 | 298.6 | 329.7 | 368.6 | 415.2 | 466.5 | 511.6 | 559.8 | 604.9 | 646.9 | 682.7 |
| 75° | 230.2 | 242.6 | 278.4 | 321.9 | 370.1 | 424.5 | 471.2 | 521.0 | 567.6 | 609.6 | 646.9 |
| 77.5° | 175.7 | 191.3 | 230.2 | 275.3 | 328.1 | 384.1 | 432.3 | 482.1 | 530.3 | 575.4 | 612.7 |
| 80° | 126.0 | 143.1 | 185.1 | 236.4 | 287.7 | 343.7 | 396.6 | 446.3 | 494.5 | 539.6 | 578.5 |
| 82.5° | 80.9 | 99.5 | 144.6 | 195.9 | 250.4 | 306.4 | 360.8 | 410.5 | 458.8 | 503.9 | 544.3 |
| 85° | 43.5 | 63.8 | 110.4 | 161.7 | 216.2 | 272.1 | 326.6 | 379.4 | 426.1 | 468.1 | 511.6 |
| 87.5° | 12.4 | 37.3 | 82.4 | 133.7 | 189.7 | 241.0 | 293.9 | 346.8 | 393.4 | 438.5 | 477.4 |
| 90° | 1.6 | 21.8 | 62.2 | 110.4 | 164.8 | 214.6 | 267.5 | 317.2 | 363.9 | 409.0 | 447.9 |
| 92.5° | 1.6 | 14.0 | 48.2 | 91.8 | 141.5 | 192.8 | 245.7 | 293.9 | 337.5 | 382.6 | 421.4 |
| 95° | 1.6 | 10.9 | 38.9 | 77.8 | 124.4 | 172.6 | 222.4 | 269.0 | 314.1 | 356.1 | 395.0 |
| 97.5° | 1.6 | 7.8 | 31.1 | 66.9 | 108.9 | 154.0 | 202.2 | 248.8 | 292.4 | 332.8 | 368.6 |
| 100° | 1.6 | 6.2 | 24.9 | 57.5 | 94.9 | 138.4 | 181.9 | 227.0 | 269.0 | 307.9 | 345.2 |
| 102.5° | 1.6 | 4.7 | 21.8 | 48.2 | 84.0 | 122.9 | 164.8 | 206.8 | 247.3 | 284.6 | 321.9 |
| 105° | 1.6 | 4.7 | 18.7 | 42.0 | 74.6 | 110.4 | 149.3 | 189.7 | 227.0 | 262.8 | 297.0 |
| 107.5° | 1.6 | 3.1 | 15.6 | 35.8 | 65.3 | 99.5 | 135.3 | 174.2 | 208.4 | 242.6 | 275.3 |
| 110° | 1.6 | 3.1 | 12.4 | 32.7 | 57.5 | 88.6 | 122.9 | 158.6 | 191.3 | 223.9 | 255.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-74SL-LW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-----|-----|------|------|------|------|-------|-------|-------|-------|-------|
| 112.5° | 1.6 | 3.1 | 10.9 | 28.0 | 49.8 | 79.3 | 110.4 | 143.1 | 174.2 | 206.8 | 234.8 |
| 115° | 1.6 | 3.1 | 9.3 | 24.9 | 46.7 | 68.4 | 99.5 | 129.1 | 160.2 | 189.7 | 216.2 |
| 117.5° | 1.6 | 3.1 | 7.8 | 20.2 | 40.4 | 62.2 | 87.1 | 116.6 | 144.6 | 172.6 | 197.5 |
| 120° | 1.6 | 3.1 | 6.2 | 18.7 | 35.8 | 56.0 | 77.8 | 104.2 | 130.6 | 157.1 | 183.5 |
| 122.5° | 1.6 | 1.6 | 6.2 | 15.6 | 31.1 | 49.8 | 71.5 | 91.8 | 116.6 | 141.5 | 164.8 |
| 125° | 1.6 | 1.6 | 6.2 | 14.0 | 26.4 | 45.1 | 63.8 | 82.4 | 104.2 | 126.0 | 146.2 |
| 127.5° | 1.6 | 1.6 | 4.7 | 10.9 | 23.3 | 38.9 | 56.0 | 76.2 | 91.8 | 112.0 | 132.2 |
| 130° | 1.6 | 1.6 | 4.7 | 9.3 | 20.2 | 32.7 | 49.8 | 66.9 | 85.5 | 99.5 | 116.6 |
| 132.5° | 1.6 | 1.6 | 4.7 | 7.8 | 15.6 | 26.4 | 42.0 | 57.5 | 74.6 | 90.2 | 104.2 |
| 135° | 1.6 | 1.6 | 3.1 | 6.2 | 12.4 | 21.8 | 34.2 | 48.2 | 65.3 | 80.9 | 94.9 |
| 137.5° | 1.6 | 1.6 | 3.1 | 6.2 | 9.3 | 18.7 | 26.4 | 38.9 | 54.4 | 68.4 | 82.4 |
| 140° | 1.6 | 1.6 | 3.1 | 4.7 | 7.8 | 14.0 | 21.8 | 31.1 | 43.5 | 56.0 | 71.5 |
| 142.5° | 1.6 | 1.6 | 1.6 | 4.7 | 6.2 | 10.9 | 17.1 | 24.9 | 34.2 | 45.1 | 57.5 |
| 145° | 1.6 | 1.6 | 1.6 | 4.7 | 6.2 | 7.8 | 14.0 | 20.2 | 26.4 | 34.2 | 45.1 |
| 147.5° | 1.6 | 1.6 | 1.6 | 3.1 | 4.7 | 6.2 | 10.9 | 15.6 | 20.2 | 26.4 | 32.7 |
| 150° | 1.6 | 1.6 | 1.6 | 3.1 | 4.7 | 6.2 | 7.8 | 10.9 | 15.6 | 21.8 | 26.4 |
| 152.5° | 1.6 | 1.6 | 1.6 | 3.1 | 3.1 | 4.7 | 6.2 | 7.8 | 10.9 | 15.6 | 18.7 |
| 155° | 1.6 | 1.6 | 1.6 | 1.6 | 3.1 | 4.7 | 6.2 | 6.2 | 7.8 | 10.9 | 14.0 |
| 157.5° | 1.6 | 1.6 | 1.6 | 1.6 | 3.1 | 3.1 | 4.7 | 4.7 | 6.2 | 6.2 | 9.3 |
| 160° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 3.1 | 3.1 | 4.7 | 4.7 | 4.7 | 4.7 |
| 162.5° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 3.1 | 3.1 | 3.1 | 4.7 | 4.7 |
| 165° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 3.1 | 3.1 | 3.1 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 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: 8SNLED-LD5-74SL-LW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 |
| 2.5° | 1463.4 | 1464.9 | 1469.6 | 1469.6 | 1466.5 | 1466.5 | 1464.9 | 1463.4 | 1464.9 | 1468.0 | 1468.0 |
| 5° | 1460.2 | 1461.8 | 1466.5 | 1468.0 | 1464.9 | 1463.4 | 1463.4 | 1461.8 | 1463.4 | 1466.5 | 1466.5 |
| 7.5° | 1454.0 | 1455.6 | 1460.2 | 1461.8 | 1458.7 | 1458.7 | 1457.1 | 1455.6 | 1458.7 | 1460.2 | 1460.2 |
| 10° | 1444.7 | 1446.3 | 1452.5 | 1454.0 | 1452.5 | 1450.9 | 1450.9 | 1449.4 | 1450.9 | 1454.0 | 1454.0 |
| 12.5° | 1432.3 | 1435.4 | 1443.1 | 1443.1 | 1443.1 | 1441.6 | 1441.6 | 1440.0 | 1441.6 | 1444.7 | 1443.1 |
| 15° | 1418.3 | 1424.5 | 1430.7 | 1433.8 | 1433.8 | 1433.8 | 1432.3 | 1430.7 | 1433.8 | 1435.4 | 1433.8 |
| 17.5° | 1402.7 | 1410.5 | 1419.8 | 1422.9 | 1422.9 | 1424.5 | 1422.9 | 1421.4 | 1424.5 | 1424.5 | 1422.9 |
| 20° | 1387.2 | 1394.9 | 1404.3 | 1407.4 | 1410.5 | 1412.0 | 1412.0 | 1410.5 | 1412.0 | 1413.6 | 1412.0 |
| 22.5° | 1366.9 | 1376.3 | 1387.2 | 1391.8 | 1394.9 | 1398.0 | 1398.0 | 1398.0 | 1399.6 | 1401.2 | 1398.0 |
| 25° | 1345.2 | 1356.1 | 1368.5 | 1373.2 | 1379.4 | 1380.9 | 1382.5 | 1382.5 | 1384.0 | 1385.6 | 1380.9 |
| 27.5° | 1321.8 | 1334.3 | 1346.7 | 1354.5 | 1359.2 | 1362.3 | 1362.3 | 1363.8 | 1365.4 | 1366.9 | 1362.3 |
| 30° | 1293.9 | 1312.5 | 1323.4 | 1329.6 | 1335.8 | 1340.5 | 1342.1 | 1343.6 | 1345.2 | 1346.7 | 1342.1 |
| 32.5° | 1269.0 | 1284.5 | 1298.5 | 1306.3 | 1314.1 | 1320.3 | 1321.8 | 1321.8 | 1325.0 | 1325.0 | 1320.3 |
| 35° | 1239.4 | 1258.1 | 1272.1 | 1279.9 | 1289.2 | 1293.9 | 1297.0 | 1297.0 | 1300.1 | 1300.1 | 1295.4 |
| 37.5° | 1209.9 | 1228.5 | 1244.1 | 1253.4 | 1264.3 | 1270.5 | 1272.1 | 1272.1 | 1275.2 | 1275.2 | 1269.0 |
| 40° | 1178.8 | 1199.0 | 1216.1 | 1227.0 | 1236.3 | 1244.1 | 1245.6 | 1250.3 | 1250.3 | 1248.8 | 1242.5 |
| 42.5° | 1147.7 | 1166.3 | 1185.0 | 1197.4 | 1209.9 | 1217.7 | 1220.8 | 1222.3 | 1222.3 | 1220.8 | 1216.1 |
| 45° | 1113.5 | 1135.2 | 1152.3 | 1167.9 | 1180.3 | 1188.1 | 1192.8 | 1194.3 | 1194.3 | 1191.2 | 1186.5 |
| 47.5° | 1080.8 | 1102.6 | 1119.7 | 1136.8 | 1149.2 | 1158.6 | 1163.2 | 1164.8 | 1163.2 | 1161.7 | 1157.0 |
| 50° | 1046.6 | 1071.5 | 1088.6 | 1105.7 | 1118.1 | 1125.9 | 1133.7 | 1135.2 | 1133.7 | 1132.1 | 1122.8 |
| 52.5° | 1010.8 | 1037.3 | 1055.9 | 1073.0 | 1087.0 | 1096.4 | 1102.6 | 1104.1 | 1104.1 | 1101.0 | 1094.8 |
| 55° | 975.1 | 998.4 | 1021.7 | 1040.4 | 1055.9 | 1065.2 | 1073.0 | 1076.1 | 1073.0 | 1069.9 | 1062.1 |
| 57.5° | 942.4 | 964.2 | 987.5 | 1007.7 | 1023.3 | 1035.7 | 1041.9 | 1045.0 | 1041.9 | 1037.3 | 1029.5 |
| 60° | 903.5 | 926.8 | 953.3 | 971.9 | 989.0 | 1001.5 | 1004.6 | 1010.8 | 1007.7 | 1003.0 | 995.3 |
| 62.5° | 866.2 | 894.2 | 917.5 | 940.8 | 954.8 | 968.8 | 975.1 | 978.2 | 975.1 | 970.4 | 962.6 |
| 65° | 827.3 | 858.4 | 881.7 | 905.1 | 920.6 | 934.6 | 942.4 | 944.0 | 940.8 | 936.2 | 928.4 |
| 67.5° | 791.6 | 821.1 | 846.0 | 870.9 | 884.9 | 898.9 | 906.6 | 909.7 | 906.6 | 900.4 | 892.6 |
| 70° | 755.8 | 785.3 | 814.9 | 833.5 | 850.6 | 866.2 | 870.9 | 875.5 | 872.4 | 866.2 | 856.9 |
| 72.5° | 720.0 | 751.1 | 780.7 | 799.3 | 818.0 | 832.0 | 838.2 | 842.9 | 839.8 | 833.5 | 822.7 |
| 75° | 682.7 | 715.4 | 744.9 | 765.1 | 783.8 | 797.8 | 804.0 | 808.7 | 805.5 | 799.3 | 786.9 |
| 77.5° | 648.5 | 681.1 | 709.1 | 730.9 | 749.6 | 762.0 | 772.9 | 774.4 | 771.3 | 765.1 | 752.7 |
| 80° | 612.7 | 645.4 | 674.9 | 696.7 | 715.4 | 727.8 | 735.6 | 740.2 | 737.1 | 730.9 | 718.5 |
| 82.5° | 581.6 | 611.2 | 640.7 | 662.5 | 681.1 | 696.7 | 702.9 | 707.6 | 706.0 | 696.7 | 687.4 |
| 85° | 547.4 | 581.6 | 604.9 | 628.3 | 646.9 | 662.5 | 667.1 | 673.4 | 671.8 | 664.0 | 651.6 |
| 87.5° | 513.2 | 547.4 | 575.4 | 598.7 | 615.8 | 628.3 | 636.0 | 639.1 | 637.6 | 629.8 | 615.8 |
| 90° | 485.2 | 516.3 | 544.3 | 569.2 | 583.2 | 597.2 | 604.9 | 606.5 | 606.5 | 597.2 | 586.3 |
| 92.5° | 458.8 | 488.3 | 516.3 | 539.6 | 556.7 | 569.2 | 575.4 | 578.5 | 576.9 | 569.2 | 556.7 |
| 95° | 429.2 | 461.9 | 488.3 | 511.6 | 528.7 | 541.2 | 547.4 | 550.5 | 549.0 | 541.2 | 528.7 |
| 97.5° | 404.3 | 433.9 | 460.3 | 482.1 | 499.2 | 511.6 | 517.9 | 521.0 | 521.0 | 513.2 | 500.7 |
| 100° | 379.4 | 409.0 | 433.9 | 455.6 | 471.2 | 483.6 | 489.9 | 491.4 | 489.9 | 483.6 | 471.2 |
| 102.5° | 354.6 | 382.6 | 407.4 | 427.7 | 444.8 | 455.6 | 461.9 | 463.4 | 463.4 | 455.6 | 443.2 |
| 105° | 329.7 | 357.7 | 381.0 | 402.8 | 416.8 | 427.7 | 432.3 | 437.0 | 435.4 | 429.2 | 416.8 |
| 107.5° | 306.4 | 334.3 | 356.1 | 376.3 | 390.3 | 401.2 | 405.9 | 410.5 | 409.0 | 402.8 | 390.3 |
| 110° | 284.6 | 311.0 | 331.2 | 351.5 | 363.9 | 374.8 | 382.6 | 384.1 | 381.0 | 374.8 | 363.9 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-74SL-LW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 264.4 | 287.7 | 307.9 | 326.6 | 340.6 | 348.3 | 354.6 | 357.7 | 354.6 | 348.3 | 340.6 |
| 115° | 242.6 | 265.9 | 286.1 | 303.2 | 315.7 | 325.0 | 329.7 | 332.8 | 329.7 | 323.5 | 315.7 |
| 117.5° | 222.4 | 244.2 | 264.4 | 281.5 | 292.4 | 300.1 | 304.8 | 307.9 | 304.8 | 300.1 | 292.4 |
| 120° | 205.3 | 223.9 | 242.6 | 258.1 | 270.6 | 276.8 | 281.5 | 284.6 | 283.0 | 276.8 | 269.0 |
| 122.5° | 185.1 | 205.3 | 222.4 | 237.9 | 248.8 | 255.0 | 258.1 | 261.3 | 259.7 | 255.0 | 247.3 |
| 125° | 168.0 | 185.1 | 202.2 | 216.2 | 227.0 | 233.3 | 236.4 | 239.5 | 237.9 | 233.3 | 223.9 |
| 127.5° | 149.3 | 168.0 | 181.9 | 195.9 | 203.7 | 213.0 | 214.6 | 217.7 | 216.2 | 211.5 | 203.7 |
| 130° | 135.3 | 149.3 | 163.3 | 175.7 | 185.1 | 191.3 | 194.4 | 195.9 | 192.8 | 189.7 | 181.9 |
| 132.5° | 118.2 | 133.7 | 146.2 | 157.1 | 163.3 | 169.5 | 172.6 | 174.2 | 174.2 | 169.5 | 163.3 |
| 135° | 105.7 | 116.6 | 127.5 | 138.4 | 144.6 | 150.8 | 154.0 | 155.5 | 154.0 | 150.8 | 144.6 |
| 137.5° | 94.9 | 104.2 | 112.0 | 121.3 | 129.1 | 132.2 | 135.3 | 135.3 | 133.7 | 132.2 | 127.5 |
| 140° | 82.4 | 93.3 | 101.1 | 107.3 | 113.5 | 115.1 | 118.2 | 118.2 | 116.6 | 115.1 | 112.0 |
| 142.5° | 70.0 | 79.3 | 87.1 | 94.9 | 99.5 | 102.6 | 104.2 | 105.7 | 104.2 | 102.6 | 98.0 |
| 145° | 56.0 | 66.9 | 74.6 | 79.3 | 85.5 | 87.1 | 88.6 | 90.2 | 88.6 | 87.1 | 82.4 |
| 147.5° | 43.5 | 52.9 | 60.6 | 66.9 | 71.5 | 73.1 | 74.6 | 76.2 | 74.6 | 71.5 | 70.0 |
| 150° | 31.1 | 38.9 | 48.2 | 54.4 | 57.5 | 60.6 | 60.6 | 60.6 | 62.2 | 59.1 | 56.0 |
| 152.5° | 24.9 | 28.0 | 34.2 | 40.4 | 45.1 | 46.7 | 48.2 | 48.2 | 46.7 | 46.7 | 43.5 |
| 155° | 17.1 | 20.2 | 24.9 | 29.5 | 34.2 | 35.8 | 37.3 | 37.3 | 35.8 | 35.8 | 34.2 |
| 157.5° | 10.9 | 14.0 | 17.1 | 20.2 | 24.9 | 26.4 | 28.0 | 28.0 | 28.0 | 26.4 | 24.9 |
| 160° | 6.2 | 7.8 | 9.3 | 12.4 | 15.6 | 17.1 | 18.7 | 18.7 | 18.7 | 18.7 | 17.1 |
| 162.5° | 4.7 | 4.7 | 4.7 | 6.2 | 7.8 | 9.3 | 10.9 | 10.9 | 10.9 | 10.9 | 9.3 |
| 165° | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 4.7 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 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: 8SNLED-LD5-74SL-LW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 |
| 2.5° | 1466.5 | 1466.5 | 1468.0 | 1464.9 | 1455.6 | 1457.1 | 1457.1 | 1463.4 | 1466.5 | 1468.0 | 1475.8 |
| 5° | 1463.4 | 1463.4 | 1466.5 | 1461.8 | 1454.0 | 1454.0 | 1454.0 | 1460.2 | 1461.8 | 1464.9 | 1471.1 |
| 7.5° | 1458.7 | 1458.7 | 1460.2 | 1455.6 | 1446.3 | 1446.3 | 1444.7 | 1450.9 | 1454.0 | 1455.6 | 1461.8 |
| 10° | 1450.9 | 1450.9 | 1452.5 | 1447.8 | 1436.9 | 1436.9 | 1435.4 | 1440.0 | 1441.6 | 1444.7 | 1449.4 |
| 12.5° | 1440.0 | 1440.0 | 1440.0 | 1435.4 | 1424.5 | 1422.9 | 1421.4 | 1426.0 | 1426.0 | 1427.6 | 1432.3 |
| 15° | 1430.7 | 1427.6 | 1427.6 | 1422.9 | 1412.0 | 1408.9 | 1405.8 | 1407.4 | 1410.5 | 1408.9 | 1412.0 |
| 17.5° | 1419.8 | 1416.7 | 1413.6 | 1408.9 | 1394.9 | 1390.3 | 1387.2 | 1388.7 | 1387.2 | 1385.6 | 1388.7 |
| 20° | 1407.4 | 1402.7 | 1401.2 | 1393.4 | 1379.4 | 1371.6 | 1365.4 | 1362.3 | 1363.8 | 1359.2 | 1360.7 |
| 22.5° | 1393.4 | 1387.2 | 1384.0 | 1374.7 | 1360.7 | 1351.4 | 1343.6 | 1337.4 | 1335.8 | 1329.6 | 1331.2 |
| 25° | 1376.3 | 1368.5 | 1363.8 | 1356.1 | 1340.5 | 1329.6 | 1320.3 | 1311.0 | 1306.3 | 1298.5 | 1297.0 |
| 27.5° | 1356.1 | 1348.3 | 1342.1 | 1334.3 | 1318.7 | 1304.7 | 1293.9 | 1281.4 | 1275.2 | 1265.9 | 1261.2 |
| 30° | 1335.8 | 1326.5 | 1317.2 | 1311.0 | 1293.9 | 1278.3 | 1261.2 | 1250.3 | 1241.0 | 1230.1 | 1222.3 |
| 32.5° | 1311.0 | 1301.6 | 1292.3 | 1283.0 | 1267.4 | 1248.8 | 1234.8 | 1217.7 | 1206.8 | 1194.3 | 1185.0 |
| 35° | 1286.1 | 1273.6 | 1264.3 | 1251.9 | 1237.9 | 1216.1 | 1199.0 | 1181.9 | 1167.9 | 1153.9 | 1143.0 |
| 37.5° | 1258.1 | 1248.8 | 1234.8 | 1223.9 | 1206.8 | 1185.0 | 1166.3 | 1144.6 | 1132.1 | 1113.5 | 1099.5 |
| 40° | 1231.6 | 1220.8 | 1206.8 | 1192.8 | 1175.7 | 1150.8 | 1130.6 | 1105.7 | 1091.7 | 1069.9 | 1055.9 |
| 42.5° | 1205.2 | 1189.7 | 1175.7 | 1160.1 | 1141.4 | 1118.1 | 1093.2 | 1068.4 | 1049.7 | 1029.5 | 1009.3 |
| 45° | 1175.7 | 1158.6 | 1141.4 | 1124.3 | 1105.7 | 1082.4 | 1055.9 | 1029.5 | 1006.2 | 987.5 | 962.6 |
| 47.5° | 1144.6 | 1127.5 | 1107.2 | 1088.6 | 1068.4 | 1045.0 | 1017.0 | 989.0 | 964.2 | 942.4 | 916.0 |
| 50° | 1113.5 | 1096.4 | 1074.6 | 1054.4 | 1031.0 | 1007.7 | 978.2 | 945.5 | 919.1 | 891.1 | 867.8 |
| 52.5° | 1080.8 | 1063.7 | 1043.5 | 1017.0 | 992.2 | 968.8 | 937.7 | 903.5 | 874.0 | 850.6 | 821.1 |
| 55° | 1048.1 | 1031.0 | 1007.7 | 981.3 | 956.4 | 926.8 | 897.3 | 863.1 | 830.4 | 802.4 | 772.9 |
| 57.5° | 1013.9 | 998.4 | 971.9 | 950.2 | 919.1 | 888.0 | 856.9 | 824.2 | 788.4 | 755.8 | 721.6 |
| 60° | 979.7 | 962.6 | 937.7 | 911.3 | 880.2 | 849.1 | 816.4 | 780.7 | 743.3 | 707.6 | 676.5 |
| 62.5° | 948.6 | 926.8 | 903.5 | 875.5 | 842.9 | 813.3 | 776.0 | 737.1 | 699.8 | 662.5 | 625.2 |
| 65° | 912.8 | 889.5 | 867.8 | 839.8 | 805.5 | 771.3 | 734.0 | 695.1 | 654.7 | 614.3 | 576.9 |
| 67.5° | 877.1 | 853.8 | 830.4 | 802.4 | 766.7 | 730.9 | 692.0 | 653.1 | 608.0 | 569.2 | 525.6 |
| 70° | 841.3 | 822.7 | 793.1 | 763.6 | 730.9 | 692.0 | 653.1 | 611.2 | 564.5 | 522.5 | 477.4 |
| 72.5° | 805.5 | 786.9 | 757.3 | 726.2 | 695.1 | 654.7 | 612.7 | 570.7 | 527.2 | 479.0 | 430.8 |
| 75° | 771.3 | 748.0 | 721.6 | 692.0 | 659.4 | 617.4 | 575.4 | 531.8 | 480.5 | 435.4 | 385.7 |
| 77.5° | 738.7 | 716.9 | 690.5 | 657.8 | 622.0 | 581.6 | 538.1 | 493.0 | 441.7 | 393.4 | 339.0 |
| 80° | 702.9 | 681.1 | 654.7 | 622.0 | 586.3 | 547.4 | 500.7 | 454.1 | 404.3 | 351.5 | 295.5 |
| 82.5° | 668.7 | 648.5 | 618.9 | 589.4 | 550.5 | 511.6 | 465.0 | 418.3 | 365.5 | 314.1 | 259.7 |
| 85° | 632.9 | 612.7 | 584.7 | 553.6 | 516.3 | 474.3 | 430.8 | 384.1 | 331.2 | 278.4 | 223.9 |
| 87.5° | 601.8 | 578.5 | 550.5 | 519.4 | 482.1 | 441.7 | 399.7 | 349.9 | 298.6 | 247.3 | 191.3 |
| 90° | 569.2 | 547.4 | 519.4 | 488.3 | 451.0 | 410.5 | 367.0 | 320.4 | 270.6 | 217.7 | 164.8 |
| 92.5° | 541.2 | 517.9 | 491.4 | 460.3 | 423.0 | 384.1 | 340.6 | 293.9 | 245.7 | 194.4 | 143.1 |
| 95° | 513.2 | 489.9 | 465.0 | 433.9 | 396.6 | 357.7 | 314.1 | 269.0 | 222.4 | 172.6 | 124.4 |
| 97.5° | 482.1 | 461.9 | 437.0 | 407.4 | 370.1 | 332.8 | 290.8 | 247.3 | 202.2 | 154.0 | 108.9 |
| 100° | 457.2 | 433.9 | 410.5 | 379.4 | 345.2 | 309.5 | 267.5 | 225.5 | 181.9 | 136.8 | 94.9 |
| 102.5° | 429.2 | 407.4 | 384.1 | 354.6 | 320.4 | 284.6 | 245.7 | 205.3 | 164.8 | 122.9 | 82.4 |
| 105° | 402.8 | 382.6 | 357.7 | 329.7 | 297.0 | 262.8 | 225.5 | 188.2 | 149.3 | 108.9 | 73.1 |
| 107.5° | 376.3 | 356.1 | 332.8 | 306.4 | 275.3 | 241.0 | 206.8 | 169.5 | 133.7 | 98.0 | 65.3 |
| 110° | 349.9 | 331.2 | 309.5 | 283.0 | 253.5 | 222.4 | 189.7 | 155.5 | 119.7 | 87.1 | 57.5 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-74SL-LW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| 112.5° | 326.6 | 307.9 | 286.1 | 261.3 | 233.3 | 203.7 | 172.6 | 140.0 | 107.3 | 77.8 | 49.8 |
| 115° | 303.2 | 286.1 | 264.4 | 242.6 | 214.6 | 186.6 | 157.1 | 126.0 | 96.4 | 70.0 | 43.5 |
| 117.5° | 279.9 | 262.8 | 242.6 | 220.8 | 195.9 | 169.5 | 141.5 | 112.0 | 87.1 | 62.2 | 38.9 |
| 120° | 256.6 | 241.0 | 222.4 | 202.2 | 180.4 | 154.0 | 126.0 | 101.1 | 77.8 | 54.4 | 34.2 |
| 122.5° | 234.8 | 220.8 | 203.7 | 185.1 | 161.7 | 136.8 | 113.5 | 91.8 | 70.0 | 48.2 | 28.0 |
| 125° | 214.6 | 200.6 | 185.1 | 166.4 | 144.6 | 122.9 | 102.6 | 82.4 | 60.6 | 42.0 | 23.3 |
| 127.5° | 194.4 | 180.4 | 164.8 | 147.7 | 130.6 | 110.4 | 91.8 | 73.1 | 54.4 | 37.3 | 20.2 |
| 130° | 174.2 | 161.7 | 147.7 | 133.7 | 116.6 | 98.0 | 82.4 | 63.8 | 46.7 | 29.5 | 17.1 |
| 132.5° | 154.0 | 144.6 | 132.2 | 118.2 | 102.6 | 88.6 | 71.5 | 56.0 | 40.4 | 26.4 | 15.6 |
| 135° | 136.8 | 127.5 | 116.6 | 104.2 | 91.8 | 77.8 | 62.2 | 48.2 | 34.2 | 21.8 | 12.4 |
| 137.5° | 121.3 | 113.5 | 102.6 | 91.8 | 80.9 | 66.9 | 54.4 | 40.4 | 28.0 | 18.7 | 9.3 |
| 140° | 107.3 | 99.5 | 90.2 | 79.3 | 70.0 | 57.5 | 45.1 | 32.7 | 24.9 | 15.6 | 7.8 |
| 142.5° | 93.3 | 85.5 | 77.8 | 68.4 | 59.1 | 48.2 | 37.3 | 28.0 | 20.2 | 12.4 | 7.8 |
| 145° | 79.3 | 73.1 | 65.3 | 57.5 | 48.2 | 38.9 | 31.1 | 23.3 | 15.6 | 9.3 | 6.2 |
| 147.5° | 65.3 | 60.6 | 52.9 | 46.7 | 38.9 | 31.1 | 24.9 | 18.7 | 12.4 | 7.8 | 4.7 |
| 150° | 52.9 | 48.2 | 42.0 | 35.8 | 31.1 | 24.9 | 20.2 | 14.0 | 9.3 | 7.8 | 4.7 |
| 152.5° | 40.4 | 37.3 | 32.7 | 29.5 | 24.9 | 18.7 | 14.0 | 10.9 | 7.8 | 6.2 | 3.1 |
| 155° | 32.7 | 29.5 | 26.4 | 21.8 | 18.7 | 14.0 | 10.9 | 7.8 | 6.2 | 4.7 | 3.1 |
| 157.5° | 23.3 | 21.8 | 18.7 | 15.6 | 12.4 | 9.3 | 7.8 | 7.8 | 4.7 | 3.1 | 1.6 |
| 160° | 15.6 | 14.0 | 12.4 | 9.3 | 7.8 | 7.8 | 6.2 | 4.7 | 3.1 | 3.1 | 1.6 |
| 162.5° | 9.3 | 7.8 | 7.8 | 7.8 | 6.2 | 6.2 | 4.7 | 3.1 | 3.1 | 1.6 | 1.6 |
| 165° | 6.2 | 6.2 | 6.2 | 4.7 | 4.7 | 4.7 | 3.1 | 1.6 | 1.6 | 1.6 | 1.6 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 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: 8SNLED-LD5-74SL-LW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 |
| 2.5° | 1475.8 | 1471.1 | 1477.4 | 1488.2 | 1489.8 | 1488.2 | 1485.1 | 1489.8 | 1496.0 | 1494.5 | 1483.6 |
| 5° | 1472.7 | 1466.5 | 1472.7 | 1483.6 | 1483.6 | 1482.0 | 1480.5 | 1485.1 | 1491.3 | 1489.8 | 1480.5 |
| 7.5° | 1463.4 | 1457.1 | 1463.4 | 1472.7 | 1474.2 | 1471.1 | 1471.1 | 1475.8 | 1482.0 | 1480.5 | 1472.7 |
| 10° | 1450.9 | 1444.7 | 1447.8 | 1458.7 | 1461.8 | 1458.7 | 1458.7 | 1463.4 | 1471.1 | 1469.6 | 1460.2 |
| 12.5° | 1432.3 | 1427.6 | 1430.7 | 1440.0 | 1443.1 | 1441.6 | 1440.0 | 1446.3 | 1454.0 | 1454.0 | 1444.7 |
| 15° | 1412.0 | 1405.8 | 1408.9 | 1419.8 | 1421.4 | 1418.3 | 1419.8 | 1424.5 | 1433.8 | 1433.8 | 1426.0 |
| 17.5° | 1388.7 | 1380.9 | 1385.6 | 1393.4 | 1394.9 | 1394.9 | 1394.9 | 1401.2 | 1412.0 | 1410.5 | 1404.3 |
| 20° | 1362.3 | 1351.4 | 1354.5 | 1362.3 | 1365.4 | 1365.4 | 1365.4 | 1376.3 | 1384.0 | 1384.0 | 1377.8 |
| 22.5° | 1331.2 | 1323.4 | 1323.4 | 1331.2 | 1335.8 | 1334.3 | 1334.3 | 1343.6 | 1354.5 | 1352.9 | 1352.9 |
| 25° | 1295.4 | 1289.2 | 1286.1 | 1295.4 | 1297.0 | 1298.5 | 1301.6 | 1311.0 | 1323.4 | 1323.4 | 1325.0 |
| 27.5° | 1258.1 | 1251.9 | 1250.3 | 1258.1 | 1259.6 | 1261.2 | 1264.3 | 1275.2 | 1287.6 | 1289.2 | 1292.3 |
| 30° | 1222.3 | 1213.0 | 1209.9 | 1216.1 | 1219.2 | 1220.8 | 1220.8 | 1237.9 | 1248.8 | 1253.4 | 1259.6 |
| 32.5° | 1180.3 | 1171.0 | 1163.2 | 1174.1 | 1175.7 | 1178.8 | 1180.3 | 1197.4 | 1209.9 | 1217.7 | 1227.0 |
| 35° | 1138.3 | 1122.8 | 1119.7 | 1127.5 | 1130.6 | 1132.1 | 1135.2 | 1153.9 | 1171.0 | 1177.2 | 1189.7 |
| 37.5° | 1091.7 | 1080.8 | 1071.5 | 1079.2 | 1082.4 | 1083.9 | 1093.2 | 1110.3 | 1127.5 | 1136.8 | 1149.2 |
| 40° | 1048.1 | 1034.1 | 1026.4 | 1031.0 | 1034.1 | 1035.7 | 1046.6 | 1065.2 | 1085.5 | 1096.4 | 1111.9 |
| 42.5° | 999.9 | 981.3 | 975.1 | 979.7 | 981.3 | 985.9 | 995.3 | 1020.2 | 1040.4 | 1055.9 | 1068.4 |
| 45° | 951.7 | 937.7 | 923.7 | 928.4 | 930.0 | 933.1 | 947.1 | 973.5 | 995.3 | 1013.9 | 1027.9 |
| 47.5° | 902.0 | 884.9 | 870.9 | 874.0 | 880.2 | 881.7 | 897.3 | 928.4 | 948.6 | 968.8 | 987.5 |
| 50° | 852.2 | 828.9 | 818.0 | 818.0 | 821.1 | 828.9 | 849.1 | 880.2 | 902.0 | 925.3 | 945.5 |
| 52.5° | 800.9 | 779.1 | 766.7 | 768.2 | 771.3 | 780.7 | 799.3 | 830.4 | 855.3 | 880.2 | 905.1 |
| 55° | 749.6 | 726.2 | 713.8 | 710.7 | 713.8 | 726.2 | 748.0 | 780.7 | 805.5 | 835.1 | 861.5 |
| 57.5° | 698.2 | 670.3 | 659.4 | 654.7 | 657.8 | 673.4 | 695.1 | 729.3 | 760.4 | 788.4 | 819.5 |
| 60° | 642.3 | 620.5 | 601.8 | 590.9 | 598.7 | 618.9 | 642.3 | 678.0 | 710.7 | 741.8 | 776.0 |
| 62.5° | 594.1 | 566.1 | 545.8 | 535.0 | 542.7 | 559.8 | 592.5 | 626.7 | 662.5 | 698.2 | 732.5 |
| 65° | 539.6 | 511.6 | 488.3 | 477.4 | 485.2 | 505.4 | 538.1 | 575.4 | 614.3 | 650.0 | 690.5 |
| 67.5° | 486.7 | 457.2 | 429.2 | 418.3 | 427.7 | 449.4 | 485.2 | 527.2 | 569.2 | 606.5 | 650.0 |
| 70° | 435.4 | 402.8 | 373.2 | 365.5 | 371.7 | 401.2 | 435.4 | 477.4 | 521.0 | 564.5 | 609.6 |
| 72.5° | 388.8 | 348.3 | 317.2 | 307.9 | 315.7 | 348.3 | 387.2 | 430.8 | 477.4 | 524.1 | 572.3 |
| 75° | 334.3 | 297.0 | 262.8 | 251.9 | 261.3 | 290.8 | 339.0 | 385.7 | 435.4 | 485.2 | 530.3 |
| 77.5° | 290.8 | 247.3 | 211.5 | 194.4 | 209.9 | 247.3 | 293.9 | 343.7 | 395.0 | 446.3 | 497.6 |
| 80° | 245.7 | 200.6 | 161.7 | 143.1 | 160.2 | 200.6 | 247.3 | 301.7 | 359.2 | 410.5 | 457.2 |
| 82.5° | 205.3 | 157.1 | 116.6 | 96.4 | 115.1 | 160.2 | 211.5 | 265.9 | 321.9 | 373.2 | 427.7 |
| 85° | 168.0 | 118.2 | 76.2 | 54.4 | 80.9 | 121.3 | 175.7 | 231.7 | 289.3 | 342.1 | 395.0 |
| 87.5° | 136.8 | 88.6 | 46.7 | 23.3 | 49.8 | 94.9 | 146.2 | 202.2 | 259.7 | 312.6 | 362.3 |
| 90° | 112.0 | 63.8 | 24.9 | 3.1 | 29.5 | 71.5 | 121.3 | 175.7 | 230.2 | 284.6 | 334.3 |
| 92.5° | 91.8 | 48.2 | 14.0 | 1.6 | 18.7 | 57.5 | 104.2 | 155.5 | 208.4 | 261.3 | 309.5 |
| 95° | 76.2 | 37.3 | 9.3 | 1.6 | 14.0 | 45.1 | 88.6 | 138.4 | 188.2 | 239.5 | 287.7 |
| 97.5° | 65.3 | 31.1 | 7.8 | 1.6 | 10.9 | 38.9 | 76.2 | 122.9 | 171.1 | 219.3 | 265.9 |
| 100° | 56.0 | 24.9 | 6.2 | 1.6 | 9.3 | 32.7 | 66.9 | 108.9 | 154.0 | 200.6 | 245.7 |
| 102.5° | 48.2 | 20.2 | 4.7 | 1.6 | 7.8 | 28.0 | 59.1 | 98.0 | 138.4 | 183.5 | 227.0 |
| 105° | 42.0 | 17.1 | 4.7 | 1.6 | 6.2 | 24.9 | 52.9 | 87.1 | 127.5 | 168.0 | 209.9 |
| 107.5° | 35.8 | 14.0 | 3.1 | 1.6 | 4.7 | 20.2 | 46.7 | 79.3 | 115.1 | 154.0 | 192.8 |
| 110° | 31.1 | 12.4 | 3.1 | 1.6 | 4.7 | 18.7 | 40.4 | 71.5 | 104.2 | 140.0 | 177.3 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-74SL-LW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|------|------|------|------|------|------|------|------|------|-------|-------|
| 112.5° | 26.4 | 9.3 | 3.1 | 1.6 | 3.1 | 15.6 | 35.8 | 63.8 | 94.9 | 127.5 | 163.3 |
| 115° | 23.3 | 7.8 | 1.6 | 1.6 | 3.1 | 14.0 | 32.7 | 57.5 | 85.5 | 116.6 | 149.3 |
| 117.5° | 18.7 | 6.2 | 1.6 | 1.6 | 1.6 | 10.9 | 28.0 | 51.3 | 77.8 | 107.3 | 136.8 |
| 120° | 15.6 | 6.2 | 1.6 | 1.6 | 1.6 | 9.3 | 24.9 | 45.1 | 70.0 | 96.4 | 124.4 |
| 122.5° | 14.0 | 4.7 | 1.6 | 1.6 | 1.6 | 7.8 | 21.8 | 40.4 | 62.2 | 87.1 | 113.5 |
| 125° | 12.4 | 4.7 | 1.6 | 1.6 | 1.6 | 6.2 | 18.7 | 35.8 | 56.0 | 77.8 | 102.6 |
| 127.5° | 9.3 | 4.7 | 1.6 | 1.6 | 1.6 | 4.7 | 17.1 | 31.1 | 49.8 | 70.0 | 91.8 |
| 130° | 7.8 | 3.1 | 1.6 | 1.6 | 1.6 | 4.7 | 14.0 | 28.0 | 43.5 | 62.2 | 82.4 |
| 132.5° | 6.2 | 3.1 | 1.6 | 1.6 | 1.6 | 3.1 | 10.9 | 21.8 | 37.3 | 54.4 | 73.1 |
| 135° | 6.2 | 3.1 | 1.6 | 1.6 | 1.6 | 3.1 | 7.8 | 18.7 | 31.1 | 46.7 | 62.2 |
| 137.5° | 6.2 | 1.6 | 1.6 | 1.6 | 1.6 | 3.1 | 6.2 | 14.0 | 24.9 | 37.3 | 51.3 |
| 140° | 4.7 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 4.7 | 10.9 | 20.2 | 31.1 | 43.5 |
| 142.5° | 4.7 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 4.7 | 7.8 | 15.6 | 24.9 | 34.2 |
| 145° | 3.1 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 3.1 | 6.2 | 12.4 | 18.7 | 28.0 |
| 147.5° | 3.1 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 3.1 | 4.7 | 9.3 | 15.6 | 21.8 |
| 150° | 3.1 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 3.1 | 4.7 | 6.2 | 10.9 | 17.1 |
| 152.5° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 3.1 | 3.1 | 4.7 | 7.8 | 10.9 |
| 155° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 3.1 | 4.7 | 6.2 | 7.8 |
| 157.5° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 3.1 | 3.1 | 4.7 | 6.2 |
| 160° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 3.1 | 3.1 | 4.7 |
| 162.5° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 3.1 | 3.1 |
| 165° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 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: 8SNLED-LD5-74SL-LW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 |
| 2.5° | 1478.9 | 1468.0 | 1471.1 | 1469.6 | 1472.7 | 1477.4 | 1477.4 | 1475.8 | 1475.8 | 1472.7 | 1469.6 |
| 5° | 1475.8 | 1464.9 | 1469.6 | 1468.0 | 1471.1 | 1475.8 | 1475.8 | 1474.2 | 1474.2 | 1469.6 | 1468.0 |
| 7.5° | 1466.5 | 1458.7 | 1461.8 | 1461.8 | 1464.9 | 1469.6 | 1469.6 | 1468.0 | 1468.0 | 1463.4 | 1461.8 |
| 10° | 1457.1 | 1447.8 | 1452.5 | 1452.5 | 1455.6 | 1461.8 | 1461.8 | 1460.2 | 1460.2 | 1455.6 | 1454.0 |
| 12.5° | 1441.6 | 1432.3 | 1440.0 | 1441.6 | 1444.7 | 1450.9 | 1449.4 | 1449.4 | 1449.4 | 1444.7 | 1443.1 |
| 15° | 1422.9 | 1416.7 | 1424.5 | 1426.0 | 1430.7 | 1438.5 | 1438.5 | 1438.5 | 1438.5 | 1433.8 | 1432.3 |
| 17.5° | 1402.7 | 1398.0 | 1405.8 | 1408.9 | 1415.1 | 1422.9 | 1422.9 | 1424.5 | 1426.0 | 1422.9 | 1421.4 |
| 20° | 1379.4 | 1376.3 | 1384.0 | 1390.3 | 1399.6 | 1407.4 | 1410.5 | 1412.0 | 1415.1 | 1412.0 | 1410.5 |
| 22.5° | 1352.9 | 1352.9 | 1363.8 | 1370.1 | 1380.9 | 1388.7 | 1393.4 | 1398.0 | 1401.2 | 1398.0 | 1396.5 |
| 25° | 1323.4 | 1328.1 | 1338.9 | 1349.8 | 1362.3 | 1370.1 | 1374.7 | 1380.9 | 1384.0 | 1382.5 | 1380.9 |
| 27.5° | 1295.4 | 1301.6 | 1315.6 | 1326.5 | 1337.4 | 1349.8 | 1354.5 | 1362.3 | 1365.4 | 1365.4 | 1363.8 |
| 30° | 1262.7 | 1272.1 | 1287.6 | 1300.1 | 1314.1 | 1326.5 | 1332.7 | 1340.5 | 1345.2 | 1342.1 | 1343.6 |
| 32.5° | 1231.6 | 1247.2 | 1259.6 | 1273.6 | 1289.2 | 1301.6 | 1309.4 | 1318.7 | 1323.4 | 1321.8 | 1323.4 |
| 35° | 1197.4 | 1213.0 | 1230.1 | 1244.1 | 1262.7 | 1275.2 | 1286.1 | 1293.9 | 1300.1 | 1298.5 | 1298.5 |
| 37.5° | 1160.1 | 1180.3 | 1197.4 | 1216.1 | 1233.2 | 1247.2 | 1258.1 | 1267.4 | 1273.6 | 1273.6 | 1273.6 |
| 40° | 1124.3 | 1146.1 | 1163.2 | 1185.0 | 1206.8 | 1219.2 | 1231.6 | 1241.0 | 1247.2 | 1248.8 | 1250.3 |
| 42.5° | 1085.5 | 1108.8 | 1129.0 | 1152.3 | 1174.1 | 1189.7 | 1203.7 | 1214.5 | 1220.8 | 1223.9 | 1222.3 |
| 45° | 1049.7 | 1071.5 | 1094.8 | 1121.2 | 1141.4 | 1157.0 | 1174.1 | 1186.5 | 1192.8 | 1194.3 | 1195.9 |
| 47.5° | 1009.3 | 1034.1 | 1060.6 | 1087.0 | 1107.2 | 1127.5 | 1143.0 | 1155.4 | 1161.7 | 1166.3 | 1166.3 |
| 50° | 970.4 | 996.8 | 1026.4 | 1054.4 | 1076.1 | 1096.4 | 1111.9 | 1125.9 | 1133.7 | 1136.8 | 1138.3 |
| 52.5° | 934.6 | 959.5 | 990.6 | 1018.6 | 1040.4 | 1060.6 | 1080.8 | 1096.4 | 1104.1 | 1107.2 | 1107.2 |
| 55° | 891.1 | 922.2 | 956.4 | 982.8 | 1006.2 | 1029.5 | 1049.7 | 1065.2 | 1073.0 | 1077.7 | 1080.8 |
| 57.5° | 850.6 | 883.3 | 919.1 | 947.1 | 975.1 | 996.8 | 1015.5 | 1035.7 | 1041.9 | 1048.1 | 1049.7 |
| 60° | 811.8 | 844.4 | 878.6 | 909.7 | 937.7 | 961.1 | 982.8 | 999.9 | 1010.8 | 1013.9 | 1017.0 |
| 62.5° | 771.3 | 805.5 | 841.3 | 872.4 | 902.0 | 930.0 | 950.2 | 965.7 | 978.2 | 982.8 | 985.9 |
| 65° | 732.5 | 768.2 | 804.0 | 836.6 | 867.8 | 895.7 | 916.0 | 931.5 | 944.0 | 951.7 | 953.3 |
| 67.5° | 690.5 | 729.3 | 766.7 | 800.9 | 832.0 | 861.5 | 881.7 | 897.3 | 909.7 | 919.1 | 920.6 |
| 70° | 651.6 | 692.0 | 729.3 | 766.7 | 797.8 | 827.3 | 849.1 | 864.6 | 878.6 | 884.9 | 888.0 |
| 72.5° | 614.3 | 656.3 | 695.1 | 732.5 | 763.6 | 793.1 | 816.4 | 832.0 | 846.0 | 853.8 | 855.3 |
| 75° | 578.5 | 620.5 | 662.5 | 698.2 | 730.9 | 760.4 | 783.8 | 800.9 | 813.3 | 821.1 | 824.2 |
| 77.5° | 542.7 | 586.3 | 628.3 | 664.0 | 698.2 | 727.8 | 748.0 | 768.2 | 780.7 | 790.0 | 790.0 |
| 80° | 507.0 | 552.1 | 595.6 | 631.4 | 665.6 | 692.0 | 715.4 | 735.6 | 748.0 | 757.3 | 757.3 |
| 82.5° | 475.9 | 519.4 | 561.4 | 597.2 | 631.4 | 660.9 | 684.2 | 702.9 | 716.9 | 723.1 | 724.7 |
| 85° | 440.1 | 488.3 | 527.2 | 566.1 | 598.7 | 626.7 | 650.0 | 670.3 | 682.7 | 688.9 | 692.0 |
| 87.5° | 410.5 | 457.2 | 499.2 | 533.4 | 566.1 | 594.1 | 620.5 | 637.6 | 650.0 | 657.8 | 660.9 |
| 90° | 382.6 | 427.7 | 469.6 | 503.9 | 538.1 | 564.5 | 589.4 | 606.5 | 620.5 | 626.7 | 629.8 |
| 92.5° | 357.7 | 402.8 | 443.2 | 477.4 | 510.1 | 539.6 | 562.9 | 580.1 | 592.5 | 598.7 | 603.4 |
| 95° | 334.3 | 377.9 | 416.8 | 454.1 | 485.2 | 511.6 | 536.5 | 553.6 | 567.6 | 572.3 | 576.9 |
| 97.5° | 311.0 | 353.0 | 391.9 | 427.7 | 460.3 | 485.2 | 508.5 | 525.6 | 536.5 | 544.3 | 549.0 |
| 100° | 290.8 | 331.2 | 368.6 | 402.8 | 433.9 | 457.2 | 482.1 | 497.6 | 508.5 | 514.7 | 521.0 |
| 102.5° | 269.0 | 309.5 | 345.2 | 377.9 | 410.5 | 432.3 | 455.6 | 471.2 | 480.5 | 491.4 | 491.4 |
| 105° | 250.4 | 287.7 | 323.5 | 354.6 | 382.6 | 409.0 | 429.2 | 444.8 | 455.6 | 463.4 | 463.4 |
| 107.5° | 230.2 | 267.5 | 301.7 | 334.3 | 360.8 | 385.7 | 404.3 | 418.3 | 430.8 | 435.4 | 440.1 |
| 110° | 214.6 | 247.3 | 281.5 | 312.6 | 337.5 | 360.8 | 379.4 | 395.0 | 405.9 | 410.5 | 413.7 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-74SL-LW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 195.9 | 230.2 | 261.3 | 290.8 | 315.7 | 337.5 | 356.1 | 368.6 | 379.4 | 385.7 | 387.2 |
| 115° | 180.4 | 213.0 | 241.0 | 269.0 | 295.5 | 314.1 | 331.2 | 343.7 | 354.6 | 359.2 | 362.3 |
| 117.5° | 166.4 | 195.9 | 223.9 | 247.3 | 272.1 | 292.4 | 309.5 | 320.4 | 329.7 | 335.9 | 339.0 |
| 120° | 152.4 | 180.4 | 205.3 | 228.6 | 251.9 | 270.6 | 286.1 | 297.0 | 307.9 | 312.6 | 312.6 |
| 122.5° | 138.4 | 164.8 | 188.2 | 209.9 | 231.7 | 248.8 | 265.9 | 275.3 | 284.6 | 289.3 | 289.3 |
| 125° | 126.0 | 150.8 | 172.6 | 192.8 | 213.0 | 228.6 | 242.6 | 253.5 | 262.8 | 265.9 | 265.9 |
| 127.5° | 113.5 | 136.8 | 157.1 | 175.7 | 192.8 | 208.4 | 222.4 | 233.3 | 241.0 | 244.2 | 244.2 |
| 130° | 102.6 | 122.9 | 141.5 | 160.2 | 177.3 | 189.7 | 203.7 | 213.0 | 217.7 | 222.4 | 223.9 |
| 132.5° | 91.8 | 110.4 | 127.5 | 143.1 | 160.2 | 172.6 | 183.5 | 192.8 | 197.5 | 202.2 | 203.7 |
| 135° | 80.9 | 98.0 | 113.5 | 129.1 | 143.1 | 155.5 | 164.8 | 172.6 | 178.8 | 181.9 | 183.5 |
| 137.5° | 68.4 | 87.1 | 101.1 | 113.5 | 129.1 | 138.4 | 149.3 | 154.0 | 160.2 | 163.3 | 163.3 |
| 140° | 57.5 | 71.5 | 87.1 | 99.5 | 112.0 | 121.3 | 130.6 | 138.4 | 143.1 | 144.6 | 144.6 |
| 142.5° | 46.7 | 59.1 | 71.5 | 87.1 | 98.0 | 105.7 | 115.1 | 121.3 | 124.4 | 126.0 | 127.5 |
| 145° | 37.3 | 46.7 | 57.5 | 71.5 | 84.0 | 93.3 | 98.0 | 104.2 | 107.3 | 108.9 | 110.4 |
| 147.5° | 28.0 | 37.3 | 46.7 | 56.0 | 68.4 | 77.8 | 82.4 | 88.6 | 91.8 | 93.3 | 93.3 |
| 150° | 21.8 | 28.0 | 34.2 | 43.5 | 52.9 | 63.8 | 70.0 | 74.6 | 76.2 | 77.8 | 77.8 |
| 152.5° | 15.6 | 21.8 | 26.4 | 32.7 | 38.9 | 48.2 | 57.5 | 60.6 | 62.2 | 63.8 | 63.8 |
| 155° | 10.9 | 15.6 | 18.7 | 23.3 | 28.0 | 35.8 | 43.5 | 48.2 | 49.8 | 51.3 | 51.3 |
| 157.5° | 7.8 | 10.9 | 12.4 | 17.1 | 20.2 | 23.3 | 29.5 | 37.3 | 38.9 | 38.9 | 38.9 |
| 160° | 4.7 | 6.2 | 7.8 | 10.9 | 12.4 | 15.6 | 18.7 | 23.3 | 28.0 | 28.0 | 28.0 |
| 162.5° | 3.1 | 4.7 | 4.7 | 6.2 | 6.2 | 9.3 | 10.9 | 12.4 | 17.1 | 18.7 | 18.7 |
| 165° | 1.6 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 4.7 | 4.7 | 7.8 | 9.3 | 9.3 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 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: 8SNLED-LD5-74SL-LW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 |
| 2.5° | 1471.1 | 1474.2 | 1472.7 | 1472.7 | 1472.7 | 1475.8 | 1472.7 | 1458.7 | 1461.8 | 1464.9 | 1468.0 |
| 5° | 1469.6 | 1471.1 | 1471.1 | 1469.6 | 1469.6 | 1472.7 | 1469.6 | 1455.6 | 1458.7 | 1461.8 | 1463.4 |
| 7.5° | 1463.4 | 1464.9 | 1464.9 | 1464.9 | 1463.4 | 1466.5 | 1461.8 | 1449.4 | 1449.4 | 1452.5 | 1454.0 |
| 10° | 1455.6 | 1458.7 | 1457.1 | 1455.6 | 1455.6 | 1455.6 | 1452.5 | 1438.5 | 1438.5 | 1440.0 | 1441.6 |
| 12.5° | 1446.3 | 1446.3 | 1446.3 | 1444.7 | 1443.1 | 1443.1 | 1440.0 | 1426.0 | 1424.5 | 1427.6 | 1426.0 |
| 15° | 1433.8 | 1436.9 | 1433.8 | 1432.3 | 1429.1 | 1429.1 | 1424.5 | 1410.5 | 1407.4 | 1408.9 | 1407.4 |
| 17.5° | 1422.9 | 1424.5 | 1421.4 | 1418.3 | 1415.1 | 1413.6 | 1408.9 | 1393.4 | 1388.7 | 1390.3 | 1387.2 |
| 20° | 1412.0 | 1412.0 | 1408.9 | 1405.8 | 1401.2 | 1396.5 | 1390.3 | 1374.7 | 1366.9 | 1366.9 | 1360.7 |
| 22.5° | 1398.0 | 1398.0 | 1394.9 | 1390.3 | 1385.6 | 1379.4 | 1373.2 | 1357.6 | 1345.2 | 1342.1 | 1337.4 |
| 25° | 1382.5 | 1380.9 | 1379.4 | 1374.7 | 1365.4 | 1359.2 | 1352.9 | 1335.8 | 1321.8 | 1315.6 | 1307.8 |
| 27.5° | 1363.8 | 1363.8 | 1359.2 | 1354.5 | 1345.2 | 1337.4 | 1329.6 | 1314.1 | 1295.4 | 1287.6 | 1276.7 |
| 30° | 1343.6 | 1343.6 | 1338.9 | 1332.7 | 1323.4 | 1314.1 | 1304.7 | 1286.1 | 1267.4 | 1256.5 | 1244.1 |
| 32.5° | 1323.4 | 1321.8 | 1317.2 | 1311.0 | 1301.6 | 1287.6 | 1279.9 | 1261.2 | 1239.4 | 1227.0 | 1209.9 |
| 35° | 1298.5 | 1297.0 | 1292.3 | 1284.5 | 1272.1 | 1261.2 | 1248.8 | 1231.6 | 1206.8 | 1191.2 | 1172.6 |
| 37.5° | 1273.6 | 1272.1 | 1269.0 | 1258.1 | 1245.6 | 1233.2 | 1217.7 | 1200.5 | 1177.2 | 1157.0 | 1138.3 |
| 40° | 1248.8 | 1247.2 | 1241.0 | 1233.2 | 1217.7 | 1202.1 | 1186.5 | 1169.4 | 1144.6 | 1121.2 | 1101.0 |
| 42.5° | 1222.3 | 1220.8 | 1213.0 | 1203.7 | 1186.5 | 1171.0 | 1152.3 | 1133.7 | 1108.8 | 1080.8 | 1060.6 |
| 45° | 1195.9 | 1192.8 | 1185.0 | 1174.1 | 1155.4 | 1138.3 | 1119.7 | 1097.9 | 1073.0 | 1046.6 | 1020.2 |
| 47.5° | 1167.9 | 1163.2 | 1155.4 | 1139.9 | 1124.3 | 1105.7 | 1083.9 | 1060.6 | 1035.7 | 1006.2 | 978.2 |
| 50° | 1136.8 | 1133.7 | 1124.3 | 1110.3 | 1091.7 | 1073.0 | 1048.1 | 1024.8 | 995.3 | 967.3 | 933.1 |
| 52.5° | 1107.2 | 1101.0 | 1093.2 | 1077.7 | 1059.0 | 1038.8 | 1012.4 | 984.4 | 954.8 | 928.4 | 892.6 |
| 55° | 1076.1 | 1073.0 | 1062.1 | 1049.7 | 1026.4 | 1003.0 | 978.2 | 948.6 | 916.0 | 884.9 | 850.6 |
| 57.5° | 1046.6 | 1040.4 | 1031.0 | 1013.9 | 993.7 | 970.4 | 944.0 | 912.8 | 877.1 | 844.4 | 807.1 |
| 60° | 1017.0 | 1007.7 | 996.8 | 981.3 | 959.5 | 934.6 | 906.6 | 874.0 | 838.2 | 802.4 | 763.6 |
| 62.5° | 984.4 | 976.6 | 964.2 | 948.6 | 926.8 | 900.4 | 870.9 | 836.6 | 802.4 | 765.1 | 723.1 |
| 65° | 951.7 | 944.0 | 931.5 | 916.0 | 894.2 | 864.6 | 833.5 | 799.3 | 760.4 | 724.7 | 679.6 |
| 67.5° | 919.1 | 911.3 | 897.3 | 880.2 | 858.4 | 830.4 | 797.8 | 762.0 | 723.1 | 684.2 | 637.6 |
| 70° | 886.4 | 877.1 | 864.6 | 846.0 | 824.2 | 794.7 | 762.0 | 724.7 | 685.8 | 643.8 | 597.2 |
| 72.5° | 853.8 | 846.0 | 830.4 | 813.3 | 790.0 | 760.4 | 727.8 | 690.5 | 650.0 | 606.5 | 559.8 |
| 75° | 821.1 | 811.8 | 800.9 | 780.7 | 755.8 | 727.8 | 693.6 | 656.3 | 612.7 | 570.7 | 522.5 |
| 77.5° | 788.4 | 780.7 | 766.7 | 746.5 | 723.1 | 693.6 | 659.4 | 622.0 | 578.5 | 535.0 | 483.6 |
| 80° | 755.8 | 746.5 | 735.6 | 716.9 | 690.5 | 660.9 | 625.2 | 587.8 | 544.3 | 499.2 | 447.9 |
| 82.5° | 723.1 | 713.8 | 701.4 | 682.7 | 657.8 | 628.3 | 594.1 | 553.6 | 510.1 | 463.4 | 415.2 |
| 85° | 690.5 | 682.7 | 668.7 | 650.0 | 623.6 | 594.1 | 559.8 | 524.1 | 477.4 | 430.8 | 382.6 |
| 87.5° | 657.8 | 650.0 | 636.0 | 617.4 | 592.5 | 562.9 | 528.7 | 491.4 | 446.3 | 402.8 | 349.9 |
| 90° | 626.7 | 620.5 | 606.5 | 587.8 | 562.9 | 533.4 | 502.3 | 461.9 | 418.3 | 374.8 | 325.0 |
| 92.5° | 598.7 | 592.5 | 580.1 | 561.4 | 539.6 | 507.0 | 475.9 | 437.0 | 393.4 | 348.3 | 300.1 |
| 95° | 573.8 | 566.1 | 553.6 | 536.5 | 510.1 | 482.1 | 451.0 | 412.1 | 370.1 | 325.0 | 278.4 |
| 97.5° | 545.8 | 538.1 | 525.6 | 507.0 | 485.2 | 455.6 | 424.5 | 387.2 | 345.2 | 303.2 | 256.6 |
| 100° | 517.9 | 510.1 | 496.1 | 480.5 | 458.8 | 429.2 | 399.7 | 362.3 | 323.5 | 283.0 | 237.9 |
| 102.5° | 489.9 | 482.1 | 469.6 | 454.1 | 432.3 | 405.9 | 376.3 | 340.6 | 301.7 | 261.3 | 219.3 |
| 105° | 463.4 | 455.6 | 443.2 | 427.7 | 407.4 | 381.0 | 349.9 | 318.8 | 281.5 | 242.6 | 202.2 |
| 107.5° | 437.0 | 429.2 | 418.3 | 402.8 | 382.6 | 357.7 | 328.1 | 295.5 | 261.3 | 223.9 | 185.1 |
| 110° | 410.5 | 404.3 | 391.9 | 377.9 | 357.7 | 332.8 | 306.4 | 275.3 | 241.0 | 206.8 | 169.5 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-74SL-LW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 385.7 | 379.4 | 367.0 | 351.5 | 334.3 | 311.0 | 284.6 | 255.0 | 222.4 | 189.7 | 154.0 |
| 115° | 360.8 | 353.0 | 342.1 | 328.1 | 311.0 | 289.3 | 264.4 | 237.9 | 205.3 | 174.2 | 141.5 |
| 117.5° | 335.9 | 329.7 | 318.8 | 304.8 | 289.3 | 267.5 | 244.2 | 219.3 | 188.2 | 158.6 | 129.1 |
| 120° | 311.0 | 306.4 | 295.5 | 283.0 | 267.5 | 247.3 | 225.5 | 200.6 | 172.6 | 144.6 | 116.6 |
| 122.5° | 287.7 | 283.0 | 272.1 | 261.3 | 245.7 | 227.0 | 206.8 | 183.5 | 158.6 | 132.2 | 107.3 |
| 125° | 265.9 | 259.7 | 250.4 | 239.5 | 225.5 | 208.4 | 188.2 | 166.4 | 143.1 | 119.7 | 96.4 |
| 127.5° | 242.6 | 237.9 | 231.7 | 219.3 | 205.3 | 189.7 | 171.1 | 152.4 | 130.6 | 108.9 | 87.1 |
| 130° | 223.9 | 217.7 | 209.9 | 200.6 | 188.2 | 172.6 | 155.5 | 136.8 | 118.2 | 98.0 | 76.2 |
| 132.5° | 202.2 | 195.9 | 189.7 | 180.4 | 169.5 | 155.5 | 140.0 | 122.9 | 105.7 | 87.1 | 68.4 |
| 135° | 181.9 | 177.3 | 171.1 | 161.7 | 150.8 | 140.0 | 124.4 | 108.9 | 93.3 | 76.2 | 60.6 |
| 137.5° | 163.3 | 158.6 | 152.4 | 146.2 | 135.3 | 124.4 | 110.4 | 96.4 | 82.4 | 66.9 | 52.9 |
| 140° | 144.6 | 141.5 | 135.3 | 129.1 | 119.7 | 108.9 | 96.4 | 84.0 | 71.5 | 57.5 | 45.1 |
| 142.5° | 126.0 | 122.9 | 118.2 | 112.0 | 104.2 | 94.9 | 84.0 | 73.1 | 60.6 | 49.8 | 38.9 |
| 145° | 108.9 | 107.3 | 102.6 | 96.4 | 90.2 | 80.9 | 71.5 | 62.2 | 51.3 | 42.0 | 31.1 |
| 147.5° | 91.8 | 90.2 | 87.1 | 82.4 | 76.2 | 68.4 | 60.6 | 51.3 | 43.5 | 34.2 | 24.9 |
| 150° | 76.2 | 74.6 | 73.1 | 66.9 | 63.8 | 56.0 | 49.8 | 42.0 | 35.8 | 26.4 | 20.2 |
| 152.5° | 62.2 | 62.2 | 59.1 | 54.4 | 51.3 | 45.1 | 40.4 | 34.2 | 28.0 | 21.8 | 15.6 |
| 155° | 49.8 | 48.2 | 46.7 | 43.5 | 40.4 | 35.8 | 31.1 | 26.4 | 21.8 | 15.6 | 10.9 |
| 157.5° | 38.9 | 37.3 | 35.8 | 32.7 | 29.5 | 28.0 | 23.3 | 18.7 | 14.0 | 10.9 | 7.8 |
| 160° | 28.0 | 26.4 | 24.9 | 23.3 | 21.8 | 18.7 | 15.6 | 12.4 | 9.3 | 6.2 | 4.7 |
| 162.5° | 18.7 | 17.1 | 17.1 | 15.6 | 14.0 | 10.9 | 9.3 | 7.8 | 6.2 | 4.7 | 3.1 |
| 165° | 9.3 | 9.3 | 7.8 | 7.8 | 6.2 | 4.7 | 4.7 | 4.7 | 3.1 | 3.1 | 1.6 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 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: 8SNLED-LD5-74SL-LW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 | 1474.2 |
| 2.5° | 1466.5 | 1466.5 | 1472.7 | 1471.1 | 1466.5 | 1475.8 | 1486.7 |
| 5° | 1461.8 | 1461.8 | 1466.5 | 1466.5 | 1461.8 | 1471.1 | 1480.5 |
| 7.5° | 1454.0 | 1452.5 | 1457.1 | 1457.1 | 1450.9 | 1458.7 | 1469.6 |
| 10° | 1440.0 | 1438.5 | 1443.1 | 1443.1 | 1436.9 | 1444.7 | 1454.0 |
| 12.5° | 1424.5 | 1421.4 | 1426.0 | 1424.5 | 1418.3 | 1426.0 | 1435.4 |
| 15° | 1404.3 | 1402.7 | 1405.8 | 1402.7 | 1396.5 | 1404.3 | 1413.6 |
| 17.5° | 1384.0 | 1379.4 | 1380.9 | 1380.9 | 1370.1 | 1377.8 | 1385.6 |
| 20° | 1357.6 | 1351.4 | 1352.9 | 1351.4 | 1343.6 | 1348.3 | 1357.6 |
| 22.5° | 1331.2 | 1321.8 | 1321.8 | 1320.3 | 1311.0 | 1317.2 | 1325.0 |
| 25° | 1298.5 | 1287.6 | 1287.6 | 1286.1 | 1275.2 | 1279.9 | 1287.6 |
| 27.5° | 1265.9 | 1255.0 | 1250.3 | 1248.8 | 1237.9 | 1237.9 | 1248.8 |
| 30° | 1231.6 | 1216.1 | 1213.0 | 1208.3 | 1197.4 | 1197.4 | 1206.8 |
| 32.5° | 1199.0 | 1177.2 | 1171.0 | 1164.8 | 1153.9 | 1152.3 | 1163.2 |
| 35° | 1155.4 | 1138.3 | 1127.5 | 1121.2 | 1108.8 | 1105.7 | 1115.0 |
| 37.5° | 1119.7 | 1097.9 | 1082.4 | 1074.6 | 1062.1 | 1057.5 | 1069.9 |
| 40° | 1080.8 | 1057.5 | 1037.3 | 1032.6 | 1013.9 | 1007.7 | 1018.6 |
| 42.5° | 1037.3 | 1012.4 | 992.2 | 982.8 | 968.8 | 962.6 | 964.2 |
| 45° | 993.7 | 967.3 | 945.5 | 933.1 | 919.1 | 908.2 | 914.4 |
| 47.5° | 948.6 | 925.3 | 898.9 | 880.2 | 863.1 | 855.3 | 858.4 |
| 50° | 903.5 | 875.5 | 850.6 | 830.4 | 810.2 | 800.9 | 807.1 |
| 52.5° | 858.4 | 828.9 | 800.9 | 779.1 | 755.8 | 746.5 | 748.0 |
| 55° | 814.9 | 783.8 | 751.1 | 727.8 | 706.0 | 692.0 | 688.9 |
| 57.5° | 771.3 | 737.1 | 702.9 | 676.5 | 648.5 | 636.0 | 631.4 |
| 60° | 724.7 | 688.9 | 653.1 | 622.0 | 592.5 | 578.5 | 572.3 |
| 62.5° | 681.1 | 642.3 | 601.8 | 569.2 | 539.6 | 521.0 | 516.3 |
| 65° | 639.1 | 594.1 | 553.6 | 516.3 | 483.6 | 463.4 | 457.2 |
| 67.5° | 594.1 | 547.4 | 503.9 | 463.4 | 432.3 | 405.9 | 402.8 |
| 70° | 552.1 | 502.3 | 454.1 | 412.1 | 377.9 | 351.5 | 339.0 |
| 72.5° | 510.1 | 458.8 | 409.0 | 363.9 | 320.4 | 295.5 | 286.1 |
| 75° | 469.6 | 416.8 | 363.9 | 317.2 | 269.0 | 239.5 | 230.2 |
| 77.5° | 432.3 | 377.9 | 321.9 | 270.6 | 225.5 | 188.2 | 175.7 |
| 80° | 396.6 | 340.6 | 281.5 | 228.6 | 180.4 | 140.0 | 126.0 |
| 82.5° | 359.2 | 306.4 | 245.7 | 189.7 | 140.0 | 98.0 | 80.9 |
| 85° | 326.6 | 273.7 | 213.0 | 157.1 | 107.3 | 62.2 | 43.5 |
| 87.5° | 300.1 | 242.6 | 188.2 | 132.2 | 80.9 | 35.8 | 12.4 |
| 90° | 273.7 | 217.7 | 163.3 | 108.9 | 60.6 | 20.2 | 1.6 |
| 92.5° | 250.4 | 197.5 | 143.1 | 93.3 | 46.7 | 14.0 | 1.6 |
| 95° | 228.6 | 177.3 | 126.0 | 77.8 | 37.3 | 9.3 | 1.6 |
| 97.5° | 208.4 | 160.2 | 112.0 | 66.9 | 31.1 | 7.8 | 1.6 |
| 100° | 191.3 | 144.6 | 99.5 | 59.1 | 26.4 | 6.2 | 1.6 |
| 102.5° | 174.2 | 130.6 | 88.6 | 51.3 | 23.3 | 4.7 | 1.6 |
| 105° | 160.2 | 118.2 | 79.3 | 46.7 | 20.2 | 4.7 | 1.6 |
| 107.5° | 146.2 | 107.3 | 71.5 | 40.4 | 17.1 | 3.1 | 1.6 |
| 110° | 132.2 | 98.0 | 63.8 | 35.8 | 15.6 | 3.1 | 1.6 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-74SL-LW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|------|------|------|------|------|------|
| 112.5° | 121.3 | 88.6 | 57.5 | 32.7 | 12.4 | 3.1 | 1.6 |
| 115° | 110.4 | 79.3 | 51.3 | 28.0 | 10.9 | 1.6 | 1.6 |
| 117.5° | 99.5 | 71.5 | 45.1 | 24.9 | 9.3 | 1.6 | 1.6 |
| 120° | 90.2 | 63.8 | 40.4 | 21.8 | 7.8 | 1.6 | 1.6 |
| 122.5° | 80.9 | 57.5 | 35.8 | 18.7 | 6.2 | 1.6 | 1.6 |
| 125° | 73.1 | 51.3 | 31.1 | 15.6 | 4.7 | 1.6 | 1.6 |
| 127.5° | 65.3 | 45.1 | 28.0 | 14.0 | 4.7 | 1.6 | 1.6 |
| 130° | 57.5 | 40.4 | 23.3 | 10.9 | 3.1 | 1.6 | 1.6 |
| 132.5° | 51.3 | 34.2 | 20.2 | 9.3 | 3.1 | 1.6 | 1.6 |
| 135° | 45.1 | 29.5 | 17.1 | 6.2 | 3.1 | 1.6 | 1.6 |
| 137.5° | 38.9 | 24.9 | 14.0 | 4.7 | 1.6 | 1.6 | 1.6 |
| 140° | 32.7 | 21.8 | 10.9 | 4.7 | 1.6 | 1.6 | 1.6 |
| 142.5° | 28.0 | 17.1 | 7.8 | 3.1 | 1.6 | 1.6 | 1.6 |
| 145° | 21.8 | 14.0 | 6.2 | 3.1 | 1.6 | 1.6 | 1.6 |
| 147.5° | 17.1 | 10.9 | 4.7 | 3.1 | 1.6 | 1.6 | 1.6 |
| 150° | 12.4 | 7.8 | 4.7 | 1.6 | 1.6 | 1.6 | 1.6 |
| 152.5° | 9.3 | 6.2 | 3.1 | 1.6 | 1.6 | 1.6 | 1.6 |
| 155° | 6.2 | 4.7 | 3.1 | 1.6 | 1.6 | 1.6 | 1.6 |
| 157.5° | 4.7 | 3.1 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 160° | 3.1 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 162.5° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 165° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)