

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-LD5-200HL-LN-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 (P33519)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 8SNLED-LD5-200HL-LN-UNV-L935-CD1-U
Description: 8FT LINEAR SNLED LED FIXTURE
NARROW LENS
Light Source: -
Ballast/Driver: -

Summary

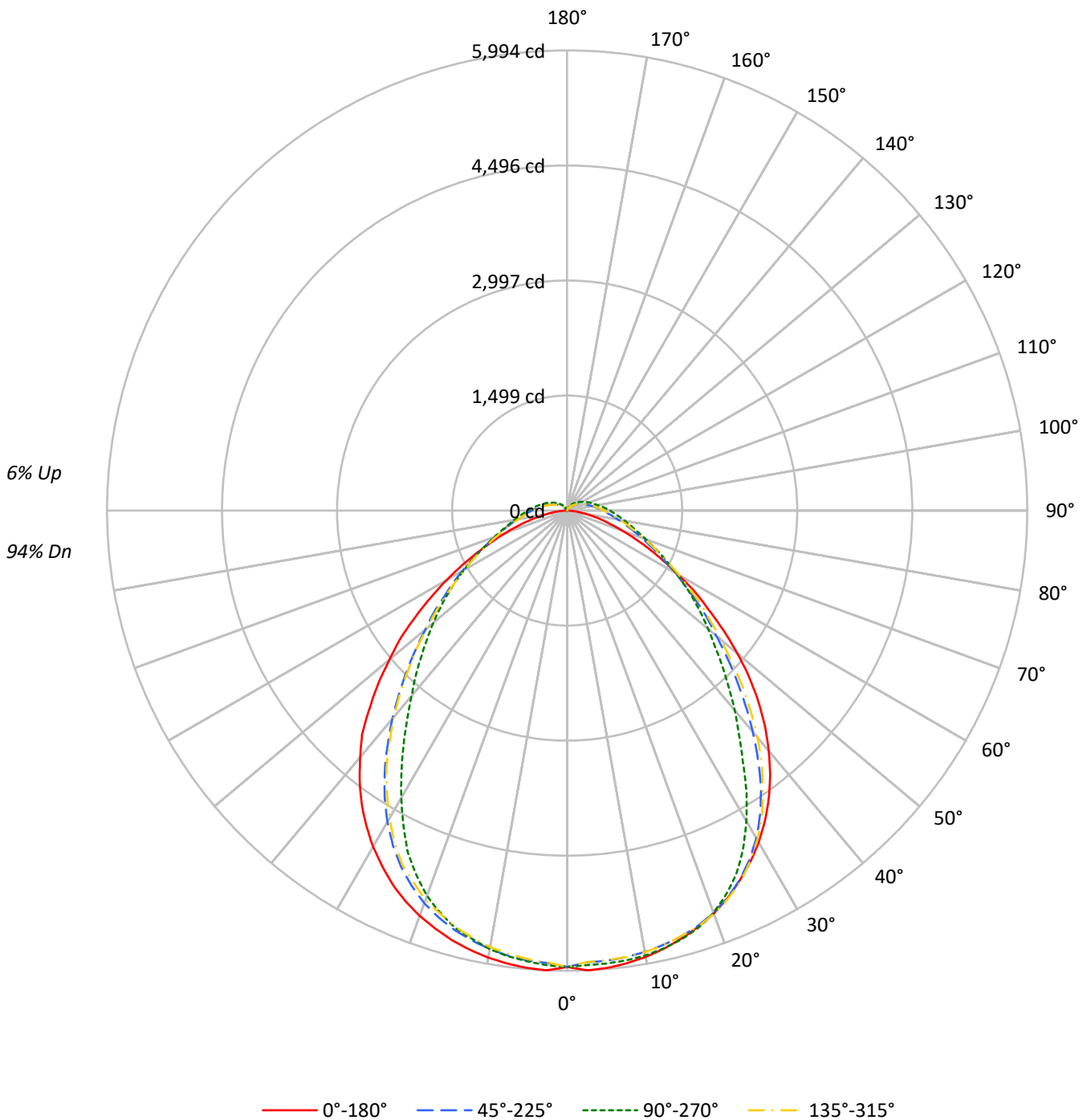
Lumens per Lamp: N/A
Luminaire Lumens: 15044.0 lumens
Efficiency: N/A
Efficacy: 95.2 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.14 / 1.24
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 8' x H: 0.12')
CIE Type: Direct

Input Watts (W): 158
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-LD5-200HL-LN-UNV-L935-CD1-U

Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-200HL-LN-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 | 118 | 118 | 118 | 118 | 114 | 114 | 114 | 114 | 108 | 108 | 108 | 102 | 102 | 102 | 96 | 96 | 96 | 94 |
| 1 | 107 | 103 | 98 | 95 | 104 | 100 | 96 | 92 | 94 | 91 | 88 | 89 | 87 | 85 | 85 | 83 | 81 | 79 |
| 2 | 98 | 90 | 84 | 78 | 95 | 88 | 82 | 77 | 83 | 78 | 74 | 79 | 75 | 72 | 75 | 72 | 69 | 67 |
| 3 | 90 | 80 | 72 | 66 | 87 | 78 | 71 | 65 | 74 | 68 | 63 | 71 | 66 | 61 | 67 | 63 | 60 | 57 |
| 4 | 83 | 72 | 63 | 57 | 80 | 70 | 62 | 56 | 67 | 60 | 55 | 64 | 58 | 53 | 61 | 56 | 52 | 50 |
| 5 | 77 | 64 | 56 | 50 | 74 | 63 | 55 | 49 | 60 | 53 | 48 | 58 | 52 | 47 | 55 | 50 | 46 | 44 |
| 6 | 71 | 58 | 50 | 44 | 69 | 57 | 49 | 43 | 55 | 48 | 42 | 52 | 46 | 42 | 50 | 45 | 41 | 39 |
| 7 | 66 | 53 | 45 | 39 | 64 | 52 | 44 | 39 | 50 | 43 | 38 | 48 | 42 | 37 | 46 | 41 | 37 | 35 |
| 8 | 62 | 49 | 41 | 35 | 60 | 48 | 40 | 35 | 46 | 39 | 34 | 44 | 38 | 34 | 43 | 37 | 33 | 31 |
| 9 | 58 | 45 | 37 | 32 | 56 | 44 | 37 | 31 | 42 | 36 | 31 | 41 | 35 | 30 | 40 | 34 | 30 | 28 |
| 10 | 54 | 42 | 34 | 29 | 53 | 41 | 34 | 29 | 39 | 33 | 28 | 38 | 32 | 28 | 37 | 31 | 27 | 26 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 24019 | 24019 | 24019 | 24019 |
| 5° | 24223 | 23254 | 24223 | 23151 |
| 10° | 24148 | 22636 | 24189 | 22322 |
| 15° | 24027 | 21960 | 24136 | 21388 |
| 20° | 23878 | 21090 | 24018 | 20200 |
| 25° | 23532 | 19800 | 23792 | 18634 |
| 30° | 23072 | 17905 | 23374 | 16576 |
| 35° | 22335 | 15581 | 22766 | 14509 |
| 40° | 21262 | 13627 | 21824 | 12643 |
| 45° | 19832 | 11846 | 20476 | 11167 |
| 50° | 17858 | 10409 | 18644 | 9884 |
| 55° | 15501 | 9192 | 16628 | 8727 |
| 60° | 13095 | 8070 | 14278 | 7606 |
| 65° | 10798 | 7136 | 11887 | 6616 |
| 70° | 8667 | 6332 | 9704 | 5857 |
| 75° | 6898 | 5847 | 7765 | 5379 |
| 80° | 5102 | 5641 | 6010 | 5155 |
| 85° | 3343 | 5673 | 4500 | 5215 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-200HL-LN-UNV-L935-CD1-U

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 563.6 | 3.7 |
| 10°-20° | 1616.0 | 10.7 |
| 20°-30° | 2395.0 | 15.9 |
| 30°-40° | 2660.8 | 17.7 |
| 40°-50° | 2412.0 | 16.0 |
| 50°-60° | 1869.0 | 12.4 |
| 60°-70° | 1269.2 | 8.4 |
| 70°-80° | 807.5 | 5.4 |
| 80°-90° | 516.2 | 3.4 |
| 90°-100° | 348.1 | 2.3 |
| 100°-110° | 238.4 | 1.6 |
| 110°-120° | 159.0 | 1.1 |
| 120°-130° | 98.9 | 0.7 |
| 130°-140° | 54.7 | 0.4 |
| 140°-150° | 25.7 | 0.2 |
| 150°-160° | 9.4 | 0.1 |
| 160°-170° | 0.6 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-30° | 4574.6 | 30.4 |
| 0°-40° | 7235.4 | 48.1 |
| 0°-60° | 11516.3 | 76.6 |
| 0°-90° | 14109.2 | 93.8 |
| 90°-120° | 745.5 | 5.0 |
| 90°-150° | 924.8 | 6.1 |
| 90°-180° | 935.0 | 6.2 |
| 0°-180° | 15044.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 5944 | 5944 | 5944 | 5944 | 5944 | |
| 5° | 5980 | 5922 | 5980 | 5896 | 5980 | 568 |
| 15° | 5768 | 5778 | 5794 | 5627 | 5768 | 1628 |
| 25° | 5317 | 5219 | 5376 | 4911 | 5317 | 2449 |
| 35° | 4578 | 3989 | 4666 | 3714 | 4578 | 2856 |
| 45° | 3525 | 2851 | 3639 | 2688 | 3525 | 2707 |
| 55° | 2250 | 2004 | 2413 | 1903 | 2250 | 2025 |
| 65° | 1167 | 1347 | 1285 | 1249 | 1167 | 1170 |
| 75° | 468 | 899 | 526 | 827 | 468 | 503 |
| 85° | 85 | 647 | 114 | 595 | 85 | 102 |
| 90° | 0 | 559 | 6 | 510 | 0 | 5 |
| 95° | 3 | 477 | 0 | 445 | 3 | 3 |
| 105° | 3 | 350 | 0 | 330 | 3 | 3 |
| 115° | 3 | 265 | 0 | 245 | 3 | 3 |
| 125° | 3 | 196 | 3 | 173 | 3 | 3 |
| 135° | 3 | 137 | 3 | 111 | 3 | 3 |
| 145° | 3 | 88 | 3 | 62 | 3 | 2 |
| 155° | 3 | 49 | 3 | 23 | 3 | 2 |
| 165° | 0 | 0 | 0 | 0 | 0 | 0 |
| 175° | 0 | 0 | 0 | 0 | 0 | 0 |
| 180° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-200HL-LN-UNV-L935-CD1-U

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 |
| 2.5° | 5993.6 | 5987.0 | 5980.5 | 5970.7 | 5980.5 | 6006.6 | 5990.3 | 5954.3 | 5947.8 | 5888.9 | 5915.1 |
| 5° | 5980.5 | 5970.7 | 5964.1 | 5954.3 | 5967.4 | 6000.1 | 5983.8 | 5951.1 | 5941.2 | 5885.7 | 5915.1 |
| 7.5° | 5947.8 | 5941.2 | 5931.4 | 5931.4 | 5944.5 | 5977.2 | 5964.1 | 5928.2 | 5921.6 | 5866.0 | 5898.7 |
| 10° | 5902.0 | 5898.7 | 5892.2 | 5892.2 | 5905.3 | 5944.5 | 5928.2 | 5895.5 | 5888.9 | 5836.6 | 5872.6 |
| 12.5° | 5843.1 | 5846.4 | 5836.6 | 5836.6 | 5856.2 | 5895.5 | 5882.4 | 5846.4 | 5839.9 | 5794.1 | 5830.1 |
| 15° | 5767.9 | 5771.2 | 5764.7 | 5767.9 | 5787.6 | 5833.3 | 5817.0 | 5784.3 | 5777.8 | 5741.8 | 5771.2 |
| 17.5° | 5682.9 | 5686.2 | 5686.2 | 5682.9 | 5705.8 | 5751.6 | 5738.5 | 5709.1 | 5699.3 | 5669.8 | 5705.8 |
| 20° | 5584.8 | 5584.8 | 5584.8 | 5584.8 | 5611.0 | 5656.8 | 5640.4 | 5617.5 | 5597.9 | 5575.0 | 5604.5 |
| 22.5° | 5463.9 | 5460.6 | 5463.9 | 5473.7 | 5499.8 | 5535.8 | 5526.0 | 5499.8 | 5470.4 | 5457.3 | 5480.2 |
| 25° | 5316.7 | 5326.5 | 5329.8 | 5339.6 | 5372.3 | 5401.7 | 5391.9 | 5365.8 | 5320.0 | 5310.2 | 5316.7 |
| 27.5° | 5163.0 | 5169.6 | 5179.4 | 5176.1 | 5221.9 | 5251.3 | 5231.7 | 5208.8 | 5143.4 | 5133.6 | 5127.1 |
| 30° | 4989.7 | 4999.5 | 5006.1 | 5002.8 | 5038.8 | 5071.5 | 5051.9 | 5022.4 | 4934.1 | 4927.6 | 4875.3 |
| 32.5° | 4793.5 | 4803.3 | 4809.9 | 4809.9 | 4862.2 | 4875.3 | 4839.3 | 4796.8 | 4702.0 | 4679.1 | 4633.3 |
| 35° | 4577.7 | 4587.5 | 4590.8 | 4590.8 | 4643.1 | 4639.9 | 4594.1 | 4535.2 | 4430.6 | 4401.2 | 4322.7 |
| 37.5° | 4345.6 | 4352.1 | 4355.4 | 4375.0 | 4397.9 | 4378.3 | 4319.4 | 4244.2 | 4165.7 | 4084.0 | 3999.0 |
| 40° | 4084.0 | 4093.8 | 4100.3 | 4113.4 | 4136.3 | 4113.4 | 4028.4 | 3936.9 | 3851.8 | 3760.3 | 3675.3 |
| 42.5° | 3815.9 | 3845.3 | 3838.8 | 3835.5 | 3848.6 | 3786.4 | 3721.0 | 3616.4 | 3531.4 | 3436.6 | 3351.6 |
| 45° | 3524.9 | 3521.6 | 3537.9 | 3544.5 | 3541.2 | 3488.9 | 3397.3 | 3302.5 | 3217.5 | 3119.4 | 3047.5 |
| 47.5° | 3217.5 | 3214.2 | 3227.3 | 3233.8 | 3214.2 | 3158.6 | 3086.7 | 2978.8 | 2906.9 | 2821.8 | 2766.3 |
| 50° | 2893.8 | 2893.8 | 2913.4 | 2893.8 | 2884.0 | 2828.4 | 2769.5 | 2661.6 | 2606.0 | 2530.8 | 2498.1 |
| 52.5° | 2570.1 | 2599.5 | 2579.9 | 2573.3 | 2563.5 | 2507.9 | 2462.2 | 2373.9 | 2328.1 | 2295.4 | 2256.2 |
| 55° | 2249.6 | 2282.3 | 2269.2 | 2259.4 | 2256.2 | 2210.4 | 2167.9 | 2102.5 | 2073.1 | 2050.2 | 2027.3 |
| 57.5° | 1978.2 | 1975.0 | 1968.4 | 1958.6 | 1961.9 | 1925.9 | 1883.4 | 1847.4 | 1834.4 | 1824.6 | 1831.1 |
| 60° | 1664.3 | 1690.5 | 1680.7 | 1684.0 | 1687.2 | 1680.7 | 1644.7 | 1621.8 | 1625.1 | 1628.4 | 1638.2 |
| 62.5° | 1406.0 | 1428.9 | 1445.3 | 1432.2 | 1438.7 | 1448.5 | 1428.9 | 1422.4 | 1435.4 | 1448.5 | 1461.6 |
| 65° | 1167.3 | 1190.2 | 1206.6 | 1203.3 | 1222.9 | 1242.5 | 1239.3 | 1245.8 | 1275.2 | 1291.6 | 1307.9 |
| 67.5° | 951.5 | 974.4 | 997.3 | 1000.6 | 1030.0 | 1059.4 | 1072.5 | 1095.4 | 1128.1 | 1151.0 | 1170.6 |
| 70° | 765.1 | 784.8 | 810.9 | 827.3 | 866.5 | 905.7 | 928.6 | 974.4 | 994.0 | 1026.7 | 1039.8 |
| 72.5° | 598.4 | 614.7 | 650.7 | 689.9 | 722.6 | 771.7 | 817.5 | 856.7 | 886.1 | 922.1 | 938.4 |
| 75° | 467.6 | 474.1 | 513.4 | 559.1 | 604.9 | 660.5 | 709.5 | 752.1 | 791.3 | 827.3 | 853.4 |
| 77.5° | 343.3 | 353.1 | 389.1 | 451.2 | 503.6 | 562.4 | 618.0 | 663.8 | 706.3 | 742.2 | 778.2 |
| 80° | 238.7 | 258.3 | 297.6 | 359.7 | 418.5 | 483.9 | 536.2 | 588.6 | 634.3 | 670.3 | 706.3 |
| 82.5° | 153.7 | 170.0 | 225.6 | 287.7 | 349.9 | 415.3 | 470.9 | 523.2 | 572.2 | 611.5 | 644.2 |
| 85° | 85.0 | 107.9 | 163.5 | 228.9 | 291.0 | 356.4 | 415.3 | 467.6 | 516.6 | 552.6 | 585.3 |
| 87.5° | 32.7 | 65.4 | 117.7 | 179.8 | 242.0 | 304.1 | 366.2 | 415.3 | 464.3 | 503.6 | 533.0 |
| 90° | 0.0 | 39.2 | 88.3 | 150.4 | 212.5 | 274.7 | 333.5 | 385.8 | 431.6 | 467.6 | 500.3 |
| 92.5° | 3.3 | 26.2 | 68.7 | 121.0 | 179.8 | 238.7 | 294.3 | 346.6 | 392.4 | 428.3 | 457.8 |
| 95° | 3.3 | 19.6 | 55.6 | 104.6 | 157.0 | 212.5 | 264.9 | 313.9 | 356.4 | 392.4 | 421.8 |
| 97.5° | 3.3 | 13.1 | 45.8 | 91.6 | 137.3 | 192.9 | 242.0 | 287.7 | 327.0 | 362.9 | 385.8 |
| 100° | 3.3 | 13.1 | 39.2 | 78.5 | 124.3 | 173.3 | 219.1 | 264.9 | 300.8 | 330.3 | 356.4 |
| 102.5° | 3.3 | 9.8 | 32.7 | 68.7 | 111.2 | 153.7 | 199.5 | 242.0 | 274.7 | 304.1 | 330.3 |
| 105° | 3.3 | 9.8 | 29.4 | 58.9 | 98.1 | 140.6 | 179.8 | 219.1 | 255.0 | 281.2 | 304.1 |
| 107.5° | 3.3 | 6.5 | 26.2 | 49.0 | 85.0 | 127.5 | 166.8 | 199.5 | 232.2 | 258.3 | 281.2 |
| 110° | 3.3 | 6.5 | 22.9 | 45.8 | 75.2 | 114.4 | 150.4 | 183.1 | 212.5 | 238.7 | 258.3 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-200HL-LN-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-----|-----|------|------|------|-------|-------|-------|-------|-------|-------|
| 112.5° | 3.3 | 6.5 | 19.6 | 42.5 | 68.7 | 101.4 | 137.3 | 166.8 | 196.2 | 219.1 | 238.7 |
| 115° | 3.3 | 6.5 | 19.6 | 39.2 | 62.1 | 88.3 | 121.0 | 153.7 | 176.6 | 202.7 | 219.1 |
| 117.5° | 3.3 | 6.5 | 16.3 | 32.7 | 58.9 | 81.7 | 111.2 | 137.3 | 163.5 | 186.4 | 202.7 |
| 120° | 3.3 | 6.5 | 16.3 | 29.4 | 52.3 | 75.2 | 98.1 | 124.3 | 150.4 | 166.8 | 183.1 |
| 122.5° | 3.3 | 6.5 | 13.1 | 29.4 | 45.8 | 68.7 | 88.3 | 111.2 | 134.1 | 153.7 | 170.0 |
| 125° | 3.3 | 6.5 | 13.1 | 26.2 | 42.5 | 62.1 | 81.7 | 98.1 | 121.0 | 137.3 | 153.7 |
| 127.5° | 3.3 | 6.5 | 13.1 | 22.9 | 39.2 | 55.6 | 75.2 | 91.6 | 107.9 | 124.3 | 137.3 |
| 130° | 3.3 | 6.5 | 9.8 | 19.6 | 36.0 | 49.0 | 65.4 | 85.0 | 98.1 | 111.2 | 124.3 |
| 132.5° | 3.3 | 6.5 | 9.8 | 19.6 | 29.4 | 42.5 | 58.9 | 75.2 | 88.3 | 101.4 | 111.2 |
| 135° | 3.3 | 6.5 | 9.8 | 16.3 | 26.2 | 39.2 | 49.0 | 65.4 | 78.5 | 91.6 | 101.4 |
| 137.5° | 3.3 | 6.5 | 9.8 | 16.3 | 22.9 | 32.7 | 42.5 | 55.6 | 68.7 | 78.5 | 91.6 |
| 140° | 3.3 | 6.5 | 9.8 | 13.1 | 19.6 | 29.4 | 39.2 | 45.8 | 58.9 | 68.7 | 78.5 |
| 142.5° | 3.3 | 6.5 | 9.8 | 13.1 | 19.6 | 26.2 | 32.7 | 39.2 | 49.0 | 58.9 | 68.7 |
| 145° | 3.3 | 6.5 | 9.8 | 13.1 | 16.3 | 22.9 | 29.4 | 36.0 | 39.2 | 49.0 | 55.6 |
| 147.5° | 3.3 | 6.5 | 9.8 | 13.1 | 13.1 | 19.6 | 26.2 | 29.4 | 36.0 | 39.2 | 45.8 |
| 150° | 3.3 | 6.5 | 9.8 | 9.8 | 13.1 | 16.3 | 22.9 | 26.2 | 29.4 | 36.0 | 39.2 |
| 152.5° | 3.3 | 6.5 | 9.8 | 9.8 | 13.1 | 16.3 | 19.6 | 22.9 | 26.2 | 29.4 | 32.7 |
| 155° | 3.3 | 6.5 | 9.8 | 9.8 | 9.8 | 13.1 | 16.3 | 19.6 | 22.9 | 26.2 | 29.4 |
| 157.5° | 6.5 | 6.5 | 6.5 | 9.8 | 9.8 | 13.1 | 13.1 | 16.3 | 19.6 | 19.6 | 22.9 |
| 160° | 6.5 | 6.5 | 6.5 | 9.8 | 9.8 | 9.8 | 13.1 | 13.1 | 16.3 | 16.3 | 19.6 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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-LD5-200HL-LN-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 |
| 2.5° | 5908.5 | 5918.4 | 5947.8 | 5947.8 | 5941.2 | 5934.7 | 5934.7 | 5924.9 | 5931.4 | 5944.5 | 5938.0 |
| 5° | 5908.5 | 5918.4 | 5947.8 | 5947.8 | 5941.2 | 5934.7 | 5931.4 | 5921.6 | 5931.4 | 5944.5 | 5938.0 |
| 7.5° | 5888.9 | 5902.0 | 5931.4 | 5931.4 | 5924.9 | 5921.6 | 5915.1 | 5908.5 | 5918.4 | 5931.4 | 5924.9 |
| 10° | 5862.8 | 5875.8 | 5905.3 | 5905.3 | 5898.7 | 5898.7 | 5888.9 | 5882.4 | 5895.5 | 5905.3 | 5902.0 |
| 12.5° | 5823.5 | 5839.9 | 5866.0 | 5862.8 | 5856.2 | 5859.5 | 5849.7 | 5836.6 | 5849.7 | 5859.5 | 5862.8 |
| 15° | 5767.9 | 5787.6 | 5813.7 | 5807.2 | 5797.4 | 5803.9 | 5787.6 | 5777.8 | 5787.6 | 5807.2 | 5803.9 |
| 17.5° | 5696.0 | 5709.1 | 5728.7 | 5728.7 | 5718.9 | 5712.4 | 5705.8 | 5696.0 | 5702.5 | 5715.6 | 5718.9 |
| 20° | 5594.6 | 5611.0 | 5620.8 | 5611.0 | 5607.7 | 5597.9 | 5584.8 | 5575.0 | 5588.1 | 5607.7 | 5611.0 |
| 22.5° | 5460.6 | 5463.9 | 5486.7 | 5463.9 | 5447.5 | 5444.2 | 5431.2 | 5411.5 | 5431.2 | 5447.5 | 5450.8 |
| 25° | 5293.8 | 5310.2 | 5300.4 | 5261.1 | 5261.1 | 5235.0 | 5228.4 | 5218.6 | 5221.9 | 5251.3 | 5264.4 |
| 27.5° | 5081.3 | 5087.8 | 5061.7 | 5029.0 | 4999.5 | 4983.2 | 4960.3 | 4963.6 | 4963.6 | 5002.8 | 5015.9 |
| 30° | 4849.1 | 4813.2 | 4790.3 | 4738.0 | 4715.1 | 4675.8 | 4669.3 | 4669.3 | 4662.7 | 4682.4 | 4741.2 |
| 32.5° | 4571.2 | 4522.1 | 4486.2 | 4437.1 | 4397.9 | 4358.7 | 4339.0 | 4348.8 | 4345.6 | 4394.6 | 4414.2 |
| 35° | 4267.1 | 4237.7 | 4162.5 | 4100.3 | 4077.5 | 4018.6 | 4018.6 | 3989.2 | 4008.8 | 4064.4 | 4087.3 |
| 37.5° | 3946.7 | 3900.9 | 3838.8 | 3770.1 | 3753.7 | 3708.0 | 3691.6 | 3675.3 | 3717.8 | 3727.6 | 3750.5 |
| 40° | 3619.7 | 3577.2 | 3518.3 | 3452.9 | 3452.9 | 3397.3 | 3397.3 | 3397.3 | 3400.6 | 3420.2 | 3462.7 |
| 42.5° | 3309.0 | 3263.3 | 3211.0 | 3165.2 | 3158.6 | 3116.1 | 3116.1 | 3112.9 | 3119.4 | 3135.7 | 3175.0 |
| 45° | 3008.2 | 2972.3 | 2916.7 | 2893.8 | 2897.1 | 2851.3 | 2861.1 | 2851.3 | 2864.4 | 2880.7 | 2893.8 |
| 47.5° | 2730.3 | 2707.4 | 2684.5 | 2651.8 | 2642.0 | 2638.7 | 2622.4 | 2609.3 | 2632.2 | 2632.2 | 2651.8 |
| 50° | 2472.0 | 2458.9 | 2445.8 | 2426.2 | 2429.5 | 2416.4 | 2396.8 | 2396.8 | 2413.1 | 2416.4 | 2429.5 |
| 52.5° | 2246.4 | 2230.0 | 2213.7 | 2216.9 | 2220.2 | 2213.7 | 2203.9 | 2194.0 | 2203.9 | 2210.4 | 2226.7 |
| 55° | 2020.7 | 2007.7 | 2024.0 | 2017.5 | 2024.0 | 2017.5 | 2010.9 | 2004.4 | 2020.7 | 2010.9 | 2027.3 |
| 57.5° | 1818.0 | 1831.1 | 1837.6 | 1824.6 | 1834.4 | 1827.8 | 1831.1 | 1821.3 | 1834.4 | 1840.9 | 1837.6 |
| 60° | 1631.6 | 1651.3 | 1641.4 | 1644.7 | 1657.8 | 1651.3 | 1638.2 | 1648.0 | 1661.1 | 1664.3 | 1661.1 |
| 62.5° | 1461.6 | 1484.5 | 1494.3 | 1487.8 | 1491.0 | 1484.5 | 1494.3 | 1481.2 | 1497.6 | 1504.1 | 1494.3 |
| 65° | 1307.9 | 1334.1 | 1340.6 | 1340.6 | 1340.6 | 1334.1 | 1343.9 | 1347.2 | 1353.7 | 1353.7 | 1347.2 |
| 67.5° | 1177.1 | 1200.0 | 1206.6 | 1213.1 | 1206.6 | 1200.0 | 1200.0 | 1203.3 | 1216.4 | 1222.9 | 1216.4 |
| 70° | 1059.4 | 1082.3 | 1085.6 | 1085.6 | 1088.8 | 1095.4 | 1082.3 | 1088.8 | 1098.7 | 1101.9 | 1098.7 |
| 72.5° | 958.1 | 980.9 | 987.5 | 984.2 | 987.5 | 990.8 | 990.8 | 984.2 | 994.0 | 1000.6 | 1000.6 |
| 75° | 876.3 | 889.4 | 895.9 | 895.9 | 899.2 | 902.5 | 902.5 | 899.2 | 905.7 | 909.0 | 912.3 |
| 77.5° | 801.1 | 810.9 | 820.7 | 820.7 | 824.0 | 820.7 | 827.3 | 827.3 | 830.5 | 833.8 | 837.1 |
| 80° | 725.9 | 739.0 | 745.5 | 748.8 | 755.3 | 758.6 | 758.6 | 758.6 | 761.9 | 765.1 | 765.1 |
| 82.5° | 667.0 | 676.9 | 686.7 | 696.5 | 696.5 | 699.7 | 699.7 | 699.7 | 703.0 | 703.0 | 706.3 |
| 85° | 608.2 | 621.3 | 631.1 | 637.6 | 640.9 | 644.2 | 644.2 | 647.4 | 647.4 | 647.4 | 650.7 |
| 87.5° | 555.9 | 572.2 | 578.8 | 585.3 | 588.6 | 595.1 | 595.1 | 595.1 | 598.4 | 598.4 | 598.4 |
| 90° | 519.9 | 536.2 | 542.8 | 549.3 | 552.6 | 555.9 | 555.9 | 559.1 | 559.1 | 562.4 | 562.4 |
| 92.5° | 477.4 | 493.7 | 506.8 | 506.8 | 510.1 | 516.6 | 513.4 | 513.4 | 516.6 | 519.9 | 519.9 |
| 95° | 444.7 | 457.8 | 467.6 | 470.9 | 474.1 | 474.1 | 474.1 | 477.4 | 474.1 | 477.4 | 477.4 |
| 97.5° | 405.5 | 418.5 | 428.3 | 434.9 | 438.2 | 438.2 | 438.2 | 441.4 | 438.2 | 441.4 | 441.4 |
| 100° | 372.8 | 385.8 | 395.6 | 398.9 | 405.5 | 405.5 | 405.5 | 405.5 | 405.5 | 405.5 | 408.7 |
| 102.5° | 346.6 | 359.7 | 366.2 | 369.5 | 372.8 | 376.0 | 376.0 | 376.0 | 376.0 | 379.3 | 379.3 |
| 105° | 320.4 | 333.5 | 340.1 | 343.3 | 346.6 | 349.9 | 349.9 | 349.9 | 353.1 | 353.1 | 349.9 |
| 107.5° | 297.6 | 307.4 | 313.9 | 320.4 | 323.7 | 323.7 | 327.0 | 327.0 | 327.0 | 327.0 | 327.0 |
| 110° | 274.7 | 284.5 | 294.3 | 300.8 | 300.8 | 304.1 | 304.1 | 307.4 | 307.4 | 304.1 | 307.4 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-200HL-LN-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 251.8 | 264.9 | 271.4 | 277.9 | 281.2 | 284.5 | 284.5 | 284.5 | 284.5 | 284.5 | 284.5 |
| 115° | 232.2 | 245.2 | 251.8 | 258.3 | 261.6 | 264.9 | 264.9 | 264.9 | 264.9 | 264.9 | 264.9 |
| 117.5° | 215.8 | 228.9 | 235.4 | 238.7 | 242.0 | 245.2 | 248.5 | 248.5 | 248.5 | 248.5 | 245.2 |
| 120° | 199.5 | 209.3 | 215.8 | 222.3 | 225.6 | 228.9 | 228.9 | 228.9 | 228.9 | 228.9 | 228.9 |
| 122.5° | 183.1 | 192.9 | 199.5 | 206.0 | 209.3 | 212.5 | 212.5 | 212.5 | 212.5 | 212.5 | 212.5 |
| 125° | 166.8 | 176.6 | 183.1 | 189.6 | 192.9 | 196.2 | 196.2 | 196.2 | 196.2 | 196.2 | 196.2 |
| 127.5° | 150.4 | 160.2 | 170.0 | 173.3 | 176.6 | 179.8 | 179.8 | 179.8 | 183.1 | 179.8 | 179.8 |
| 130° | 134.1 | 143.9 | 153.7 | 157.0 | 160.2 | 163.5 | 166.8 | 166.8 | 166.8 | 166.8 | 163.5 |
| 132.5° | 121.0 | 130.8 | 137.3 | 140.6 | 147.1 | 147.1 | 150.4 | 150.4 | 150.4 | 150.4 | 147.1 |
| 135° | 111.2 | 117.7 | 124.3 | 127.5 | 134.1 | 134.1 | 134.1 | 137.3 | 137.3 | 134.1 | 130.8 |
| 137.5° | 98.1 | 104.6 | 111.2 | 114.4 | 117.7 | 121.0 | 121.0 | 124.3 | 121.0 | 121.0 | 121.0 |
| 140° | 91.6 | 94.8 | 101.4 | 104.6 | 107.9 | 107.9 | 107.9 | 111.2 | 111.2 | 107.9 | 107.9 |
| 142.5° | 78.5 | 85.0 | 91.6 | 94.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 145° | 65.4 | 75.2 | 78.5 | 85.0 | 85.0 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 85.0 |
| 147.5° | 55.6 | 62.1 | 71.9 | 75.2 | 75.2 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 75.2 |
| 150° | 42.5 | 49.0 | 58.9 | 65.4 | 65.4 | 68.7 | 68.7 | 68.7 | 68.7 | 65.4 | 65.4 |
| 152.5° | 36.0 | 42.5 | 45.8 | 52.3 | 55.6 | 55.6 | 55.6 | 58.9 | 55.6 | 55.6 | 55.6 |
| 155° | 32.7 | 36.0 | 39.2 | 42.5 | 45.8 | 49.0 | 49.0 | 49.0 | 49.0 | 45.8 | 45.8 |
| 157.5° | 26.2 | 29.4 | 32.7 | 36.0 | 39.2 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 39.2 |
| 160° | 19.6 | 22.9 | 26.2 | 26.2 | 29.4 | 32.7 | 36.0 | 32.7 | 32.7 | 32.7 | 32.7 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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-LD5-200HL-LN-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 |
| 2.5° | 5931.4 | 5928.2 | 5938.0 | 5921.6 | 5872.6 | 5885.7 | 5879.1 | 5908.5 | 5915.1 | 5921.6 | 5951.1 |
| 5° | 5931.4 | 5928.2 | 5934.7 | 5921.6 | 5869.3 | 5879.1 | 5872.6 | 5902.0 | 5908.5 | 5911.8 | 5941.2 |
| 7.5° | 5918.4 | 5915.1 | 5924.9 | 5908.5 | 5853.0 | 5866.0 | 5856.2 | 5885.7 | 5888.9 | 5892.2 | 5918.4 |
| 10° | 5892.2 | 5888.9 | 5895.5 | 5882.4 | 5826.8 | 5839.9 | 5826.8 | 5856.2 | 5856.2 | 5862.8 | 5882.4 |
| 12.5° | 5853.0 | 5846.4 | 5859.5 | 5843.1 | 5781.0 | 5797.4 | 5790.8 | 5810.5 | 5813.7 | 5817.0 | 5836.6 |
| 15° | 5797.4 | 5790.8 | 5800.6 | 5790.8 | 5735.2 | 5738.5 | 5728.7 | 5758.1 | 5761.4 | 5754.9 | 5774.5 |
| 17.5° | 5715.6 | 5709.1 | 5728.7 | 5722.2 | 5666.6 | 5679.7 | 5676.4 | 5682.9 | 5692.7 | 5676.4 | 5702.5 |
| 20° | 5614.3 | 5620.8 | 5627.3 | 5630.6 | 5588.1 | 5588.1 | 5584.8 | 5597.9 | 5607.7 | 5594.6 | 5614.3 |
| 22.5° | 5463.9 | 5480.2 | 5499.8 | 5506.4 | 5476.9 | 5473.7 | 5493.3 | 5486.7 | 5496.5 | 5490.0 | 5503.1 |
| 25° | 5274.2 | 5306.9 | 5326.5 | 5346.1 | 5329.8 | 5336.3 | 5365.8 | 5372.3 | 5372.3 | 5369.0 | 5382.1 |
| 27.5° | 5038.8 | 5081.3 | 5117.3 | 5159.8 | 5143.4 | 5156.5 | 5205.5 | 5212.1 | 5225.2 | 5212.1 | 5238.2 |
| 30° | 4757.6 | 4796.8 | 4865.5 | 4927.6 | 4934.1 | 4953.8 | 5022.4 | 5029.0 | 5064.9 | 5051.9 | 5061.7 |
| 32.5° | 4476.4 | 4496.0 | 4574.5 | 4636.6 | 4675.8 | 4724.9 | 4800.1 | 4813.2 | 4862.2 | 4872.0 | 4872.0 |
| 35° | 4123.2 | 4178.8 | 4250.8 | 4339.0 | 4388.1 | 4440.4 | 4541.8 | 4561.4 | 4633.3 | 4656.2 | 4682.4 |
| 37.5° | 3825.7 | 3878.0 | 3923.8 | 4015.3 | 4103.6 | 4162.5 | 4244.2 | 4293.3 | 4368.5 | 4411.0 | 4443.7 |
| 40° | 3508.5 | 3551.0 | 3600.1 | 3691.6 | 3766.8 | 3855.1 | 3936.9 | 3995.7 | 4090.5 | 4139.6 | 4182.1 |
| 42.5° | 3207.7 | 3240.4 | 3292.7 | 3358.1 | 3436.6 | 3534.7 | 3613.1 | 3681.8 | 3783.2 | 3851.8 | 3900.9 |
| 45° | 2939.6 | 2959.2 | 3005.0 | 3054.0 | 3122.7 | 3224.0 | 3299.2 | 3387.5 | 3469.3 | 3541.2 | 3600.1 |
| 47.5° | 2687.8 | 2713.9 | 2736.8 | 2769.5 | 2831.7 | 2893.8 | 2982.1 | 3067.1 | 3148.8 | 3227.3 | 3286.2 |
| 50° | 2455.6 | 2455.6 | 2491.6 | 2514.5 | 2557.0 | 2612.6 | 2681.2 | 2740.1 | 2841.5 | 2897.1 | 2972.3 |
| 52.5° | 2230.0 | 2243.1 | 2262.7 | 2275.8 | 2308.5 | 2344.5 | 2400.0 | 2449.1 | 2534.1 | 2586.4 | 2658.4 |
| 55° | 2030.6 | 2043.6 | 2053.4 | 2060.0 | 2079.6 | 2122.1 | 2141.7 | 2181.0 | 2239.8 | 2282.3 | 2344.5 |
| 57.5° | 1840.9 | 1847.4 | 1857.3 | 1860.5 | 1863.8 | 1889.9 | 1906.3 | 1916.1 | 1975.0 | 2017.5 | 2069.8 |
| 60° | 1667.6 | 1667.6 | 1677.4 | 1674.1 | 1670.9 | 1684.0 | 1680.7 | 1690.5 | 1726.5 | 1752.6 | 1775.5 |
| 62.5° | 1504.1 | 1504.1 | 1507.4 | 1500.8 | 1497.6 | 1497.6 | 1484.5 | 1494.3 | 1504.1 | 1507.4 | 1523.7 |
| 65° | 1353.7 | 1370.1 | 1357.0 | 1360.2 | 1340.6 | 1334.1 | 1327.5 | 1307.9 | 1304.7 | 1291.6 | 1298.1 |
| 67.5° | 1219.6 | 1232.7 | 1219.6 | 1219.6 | 1203.3 | 1190.2 | 1173.9 | 1141.2 | 1131.4 | 1105.2 | 1098.7 |
| 70° | 1111.7 | 1101.9 | 1108.5 | 1098.7 | 1079.0 | 1062.7 | 1039.8 | 1013.6 | 980.9 | 948.2 | 925.4 |
| 72.5° | 1007.1 | 1007.1 | 1000.6 | 990.8 | 980.9 | 948.2 | 922.1 | 892.7 | 853.4 | 810.9 | 778.2 |
| 75° | 905.7 | 909.0 | 909.0 | 899.2 | 882.8 | 853.4 | 824.0 | 781.5 | 739.0 | 689.9 | 647.4 |
| 77.5° | 833.8 | 833.8 | 833.8 | 817.5 | 801.1 | 774.9 | 739.0 | 693.2 | 647.4 | 588.6 | 539.5 |
| 80° | 765.1 | 761.9 | 761.9 | 742.2 | 725.9 | 696.5 | 660.5 | 614.7 | 565.7 | 503.6 | 448.0 |
| 82.5° | 709.5 | 706.3 | 699.7 | 683.4 | 660.5 | 631.1 | 595.1 | 546.1 | 493.7 | 438.2 | 369.5 |
| 85° | 650.7 | 647.4 | 640.9 | 624.5 | 601.6 | 575.5 | 536.2 | 487.2 | 434.9 | 372.8 | 307.4 |
| 87.5° | 598.4 | 595.1 | 585.3 | 575.5 | 549.3 | 519.9 | 480.7 | 434.9 | 379.3 | 320.4 | 255.0 |
| 90° | 562.4 | 555.9 | 549.3 | 536.2 | 513.4 | 480.7 | 441.4 | 392.4 | 336.8 | 277.9 | 212.5 |
| 92.5° | 519.9 | 516.6 | 506.8 | 493.7 | 474.1 | 441.4 | 402.2 | 356.4 | 300.8 | 245.2 | 183.1 |
| 95° | 477.4 | 474.1 | 467.6 | 454.5 | 434.9 | 405.5 | 369.5 | 323.7 | 271.4 | 215.8 | 160.2 |
| 97.5° | 438.2 | 438.2 | 428.3 | 418.5 | 395.6 | 372.8 | 336.8 | 294.3 | 245.2 | 196.2 | 143.9 |
| 100° | 405.5 | 405.5 | 395.6 | 382.6 | 366.2 | 343.3 | 307.4 | 268.1 | 222.3 | 176.6 | 124.3 |
| 102.5° | 376.0 | 372.8 | 366.2 | 353.1 | 336.8 | 313.9 | 281.2 | 245.2 | 202.7 | 157.0 | 111.2 |
| 105° | 349.9 | 346.6 | 340.1 | 327.0 | 313.9 | 287.7 | 261.6 | 225.6 | 183.1 | 140.6 | 98.1 |
| 107.5° | 323.7 | 320.4 | 317.2 | 304.1 | 287.7 | 264.9 | 238.7 | 202.7 | 166.8 | 127.5 | 88.3 |
| 110° | 300.8 | 297.6 | 291.0 | 277.9 | 261.6 | 242.0 | 215.8 | 186.4 | 150.4 | 114.4 | 78.5 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-200HL-LN-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 112.5° | 281.2 | 277.9 | 271.4 | 258.3 | 245.2 | 222.3 | 199.5 | 166.8 | 137.3 | 104.6 | 68.7 |
| 115° | 261.6 | 258.3 | 251.8 | 238.7 | 222.3 | 202.7 | 179.8 | 153.7 | 121.0 | 91.6 | 62.1 |
| 117.5° | 242.0 | 238.7 | 232.2 | 222.3 | 206.0 | 186.4 | 163.5 | 137.3 | 107.9 | 85.0 | 55.6 |
| 120° | 225.6 | 219.1 | 212.5 | 202.7 | 186.4 | 170.0 | 147.1 | 124.3 | 98.1 | 75.2 | 49.0 |
| 122.5° | 209.3 | 202.7 | 196.2 | 186.4 | 170.0 | 153.7 | 130.8 | 111.2 | 91.6 | 68.7 | 45.8 |
| 125° | 189.6 | 186.4 | 179.8 | 170.0 | 153.7 | 137.3 | 121.0 | 101.4 | 81.7 | 62.1 | 39.2 |
| 127.5° | 173.3 | 170.0 | 163.5 | 150.4 | 137.3 | 124.3 | 107.9 | 91.6 | 71.9 | 52.3 | 36.0 |
| 130° | 160.2 | 153.7 | 147.1 | 137.3 | 127.5 | 114.4 | 98.1 | 81.7 | 65.4 | 45.8 | 32.7 |
| 132.5° | 143.9 | 137.3 | 130.8 | 124.3 | 114.4 | 101.4 | 88.3 | 71.9 | 58.9 | 42.5 | 29.4 |
| 135° | 130.8 | 124.3 | 117.7 | 111.2 | 101.4 | 91.6 | 78.5 | 65.4 | 52.3 | 39.2 | 26.2 |
| 137.5° | 114.4 | 111.2 | 107.9 | 101.4 | 91.6 | 81.7 | 71.9 | 55.6 | 45.8 | 36.0 | 22.9 |
| 140° | 104.6 | 101.4 | 98.1 | 88.3 | 81.7 | 71.9 | 62.1 | 49.0 | 39.2 | 29.4 | 19.6 |
| 142.5° | 94.8 | 91.6 | 85.0 | 78.5 | 71.9 | 65.4 | 52.3 | 45.8 | 36.0 | 26.2 | 19.6 |
| 145° | 81.7 | 78.5 | 75.2 | 68.7 | 62.1 | 52.3 | 45.8 | 39.2 | 32.7 | 22.9 | 16.3 |
| 147.5° | 75.2 | 71.9 | 65.4 | 58.9 | 52.3 | 45.8 | 42.5 | 36.0 | 26.2 | 19.6 | 13.1 |
| 150° | 62.1 | 58.9 | 55.6 | 49.0 | 45.8 | 42.5 | 36.0 | 29.4 | 22.9 | 16.3 | 13.1 |
| 152.5° | 52.3 | 49.0 | 45.8 | 45.8 | 39.2 | 36.0 | 29.4 | 26.2 | 19.6 | 16.3 | 9.8 |
| 155° | 45.8 | 45.8 | 42.5 | 39.2 | 32.7 | 29.4 | 26.2 | 19.6 | 16.3 | 13.1 | 9.8 |
| 157.5° | 39.2 | 36.0 | 32.7 | 32.7 | 29.4 | 26.2 | 19.6 | 16.3 | 13.1 | 13.1 | 9.8 |
| 160° | 32.7 | 29.4 | 29.4 | 26.2 | 22.9 | 19.6 | 16.3 | 16.3 | 13.1 | 9.8 | 9.8 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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-LD5-200HL-LN-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 |
| 2.5° | 5954.3 | 5918.4 | 5951.1 | 5993.6 | 5993.6 | 5987.0 | 5980.5 | 5993.6 | 6026.3 | 6013.2 | 5973.9 |
| 5° | 5944.5 | 5908.5 | 5938.0 | 5980.5 | 5980.5 | 5970.7 | 5964.1 | 5973.9 | 6009.9 | 5993.6 | 5957.6 |
| 7.5° | 5924.9 | 5892.2 | 5911.8 | 5951.1 | 5951.1 | 5941.2 | 5934.7 | 5947.8 | 5977.2 | 5960.9 | 5921.6 |
| 10° | 5888.9 | 5853.0 | 5875.8 | 5911.8 | 5908.5 | 5902.0 | 5892.2 | 5908.5 | 5934.7 | 5911.8 | 5866.0 |
| 12.5° | 5843.1 | 5807.2 | 5826.8 | 5859.5 | 5856.2 | 5843.1 | 5836.6 | 5846.4 | 5869.3 | 5856.2 | 5807.2 |
| 15° | 5781.0 | 5745.1 | 5761.4 | 5794.1 | 5784.3 | 5774.5 | 5761.4 | 5764.7 | 5794.1 | 5771.2 | 5718.9 |
| 17.5° | 5705.8 | 5666.6 | 5679.7 | 5709.1 | 5699.3 | 5689.5 | 5673.1 | 5676.4 | 5709.1 | 5676.4 | 5620.8 |
| 20° | 5614.3 | 5571.8 | 5581.6 | 5617.5 | 5601.2 | 5584.8 | 5568.5 | 5568.5 | 5601.2 | 5565.2 | 5503.1 |
| 22.5° | 5516.2 | 5473.7 | 5480.2 | 5506.4 | 5493.3 | 5463.9 | 5447.5 | 5457.3 | 5473.7 | 5427.9 | 5362.5 |
| 25° | 5395.2 | 5339.6 | 5349.4 | 5375.6 | 5365.8 | 5326.5 | 5310.2 | 5316.7 | 5310.2 | 5274.2 | 5205.5 |
| 27.5° | 5254.6 | 5195.7 | 5202.3 | 5218.6 | 5205.5 | 5169.6 | 5149.9 | 5153.2 | 5140.1 | 5094.4 | 5015.9 |
| 30° | 5078.0 | 5048.6 | 5045.3 | 5055.1 | 5035.5 | 4999.5 | 4976.6 | 4970.1 | 4966.8 | 4901.4 | 4806.6 |
| 32.5° | 4898.2 | 4872.0 | 4855.7 | 4868.7 | 4845.9 | 4809.9 | 4770.7 | 4770.7 | 4738.0 | 4675.8 | 4594.1 |
| 35° | 4715.1 | 4672.6 | 4656.2 | 4666.0 | 4639.9 | 4594.1 | 4561.4 | 4545.0 | 4496.0 | 4417.5 | 4329.2 |
| 37.5° | 4479.6 | 4450.2 | 4430.6 | 4440.4 | 4411.0 | 4378.3 | 4316.1 | 4299.8 | 4247.5 | 4139.6 | 4028.4 |
| 40° | 4224.6 | 4201.7 | 4182.1 | 4191.9 | 4159.2 | 4110.2 | 4054.6 | 4028.4 | 3969.5 | 3848.6 | 3760.3 |
| 42.5° | 3949.9 | 3940.1 | 3917.2 | 3953.2 | 3887.8 | 3838.8 | 3783.2 | 3740.7 | 3681.8 | 3551.0 | 3449.6 |
| 45° | 3658.9 | 3681.8 | 3629.5 | 3639.3 | 3596.8 | 3554.3 | 3495.4 | 3433.3 | 3374.4 | 3250.2 | 3135.7 |
| 47.5° | 3351.6 | 3367.9 | 3331.9 | 3338.5 | 3292.7 | 3253.5 | 3201.1 | 3122.7 | 3057.3 | 2949.4 | 2848.0 |
| 50° | 3034.4 | 3027.8 | 3027.8 | 3021.3 | 2985.3 | 2936.3 | 2884.0 | 2812.0 | 2746.6 | 2648.5 | 2563.5 |
| 52.5° | 2697.6 | 2710.7 | 2717.2 | 2733.6 | 2687.8 | 2658.4 | 2576.6 | 2514.5 | 2465.4 | 2364.1 | 2292.1 |
| 55° | 2373.9 | 2419.7 | 2406.6 | 2413.1 | 2360.8 | 2337.9 | 2272.5 | 2223.5 | 2151.5 | 2092.7 | 2046.9 |
| 57.5° | 2079.6 | 2089.4 | 2095.9 | 2105.8 | 2082.9 | 2037.1 | 1984.8 | 1945.5 | 1889.9 | 1840.9 | 1808.2 |
| 60° | 1795.1 | 1795.1 | 1798.4 | 1814.7 | 1791.9 | 1752.6 | 1713.4 | 1684.0 | 1644.7 | 1615.3 | 1595.7 |
| 62.5° | 1527.0 | 1549.9 | 1553.2 | 1540.1 | 1510.7 | 1491.0 | 1464.9 | 1448.5 | 1422.4 | 1412.6 | 1406.0 |
| 65° | 1278.5 | 1278.5 | 1278.5 | 1285.0 | 1268.7 | 1255.6 | 1239.3 | 1236.0 | 1245.8 | 1232.7 | 1239.3 |
| 67.5° | 1069.2 | 1059.4 | 1052.9 | 1056.1 | 1049.6 | 1043.1 | 1039.8 | 1049.6 | 1069.2 | 1069.2 | 1085.6 |
| 70° | 889.4 | 869.8 | 856.7 | 856.7 | 856.7 | 860.0 | 869.8 | 889.4 | 922.1 | 935.2 | 958.1 |
| 72.5° | 742.2 | 699.7 | 680.1 | 680.1 | 683.4 | 696.5 | 725.9 | 761.9 | 791.3 | 817.5 | 846.9 |
| 75° | 601.6 | 559.1 | 529.7 | 526.4 | 533.0 | 552.6 | 595.1 | 627.8 | 676.9 | 712.8 | 748.8 |
| 77.5° | 487.2 | 434.9 | 398.9 | 395.6 | 405.5 | 434.9 | 487.2 | 529.7 | 585.3 | 624.5 | 663.8 |
| 80° | 389.1 | 330.3 | 300.8 | 281.2 | 297.6 | 333.5 | 392.4 | 444.7 | 497.0 | 549.3 | 598.4 |
| 82.5° | 310.6 | 255.0 | 209.3 | 189.6 | 209.3 | 258.3 | 313.9 | 376.0 | 428.3 | 483.9 | 533.0 |
| 85° | 245.2 | 186.4 | 134.1 | 114.4 | 137.3 | 189.6 | 251.8 | 313.9 | 372.8 | 428.3 | 477.4 |
| 87.5° | 192.9 | 134.1 | 81.7 | 55.6 | 85.0 | 140.6 | 199.5 | 261.6 | 323.7 | 379.3 | 428.3 |
| 90° | 150.4 | 94.8 | 45.8 | 6.5 | 49.0 | 101.4 | 160.2 | 219.1 | 281.2 | 336.8 | 385.8 |
| 92.5° | 127.5 | 71.9 | 26.2 | 0.0 | 29.4 | 75.2 | 130.8 | 189.6 | 245.2 | 300.8 | 349.9 |
| 95° | 107.9 | 58.9 | 19.6 | 0.0 | 19.6 | 58.9 | 107.9 | 160.2 | 215.8 | 271.4 | 320.4 |
| 97.5° | 91.6 | 45.8 | 13.1 | 0.0 | 13.1 | 45.8 | 88.3 | 140.6 | 189.6 | 242.0 | 287.7 |
| 100° | 78.5 | 39.2 | 9.8 | 0.0 | 9.8 | 36.0 | 75.2 | 121.0 | 170.0 | 219.1 | 261.6 |
| 102.5° | 68.7 | 32.7 | 6.5 | 0.0 | 6.5 | 29.4 | 62.1 | 104.6 | 147.1 | 192.9 | 235.4 |
| 105° | 58.9 | 26.2 | 6.5 | 0.0 | 3.3 | 22.9 | 52.3 | 91.6 | 130.8 | 173.3 | 212.5 |
| 107.5° | 52.3 | 22.9 | 6.5 | 0.0 | 3.3 | 19.6 | 45.8 | 78.5 | 117.7 | 153.7 | 189.6 |
| 110° | 45.8 | 19.6 | 6.5 | 0.0 | 3.3 | 13.1 | 39.2 | 68.7 | 101.4 | 137.3 | 173.3 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-200HL-LN-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|------|------|------|------|------|------|------|------|------|-------|-------|
| 112.5° | 39.2 | 16.3 | 3.3 | 0.0 | 0.0 | 9.8 | 32.7 | 58.9 | 88.3 | 124.3 | 153.7 |
| 115° | 36.0 | 16.3 | 3.3 | 0.0 | 0.0 | 6.5 | 26.2 | 52.3 | 78.5 | 111.2 | 137.3 |
| 117.5° | 32.7 | 13.1 | 3.3 | 0.0 | 3.3 | 6.5 | 22.9 | 45.8 | 68.7 | 94.8 | 124.3 |
| 120° | 29.4 | 13.1 | 3.3 | 0.0 | 3.3 | 3.3 | 16.3 | 39.2 | 58.9 | 85.0 | 107.9 |
| 122.5° | 26.2 | 13.1 | 3.3 | 0.0 | 3.3 | 3.3 | 13.1 | 32.7 | 52.3 | 75.2 | 94.8 |
| 125° | 22.9 | 9.8 | 6.5 | 3.3 | 3.3 | 3.3 | 9.8 | 26.2 | 45.8 | 62.1 | 85.0 |
| 127.5° | 22.9 | 9.8 | 6.5 | 3.3 | 3.3 | 3.3 | 6.5 | 22.9 | 36.0 | 55.6 | 75.2 |
| 130° | 19.6 | 9.8 | 6.5 | 3.3 | 3.3 | 3.3 | 3.3 | 16.3 | 32.7 | 45.8 | 62.1 |
| 132.5° | 16.3 | 9.8 | 6.5 | 3.3 | 3.3 | 3.3 | 3.3 | 9.8 | 22.9 | 39.2 | 52.3 |
| 135° | 16.3 | 9.8 | 6.5 | 3.3 | 3.3 | 3.3 | 3.3 | 6.5 | 16.3 | 29.4 | 42.5 |
| 137.5° | 13.1 | 6.5 | 6.5 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 13.1 | 22.9 | 32.7 |
| 140° | 13.1 | 6.5 | 6.5 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 9.8 | 16.3 | 26.2 |
| 142.5° | 9.8 | 6.5 | 6.5 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 6.5 | 13.1 | 19.6 |
| 145° | 9.8 | 6.5 | 6.5 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 6.5 | 13.1 |
| 147.5° | 9.8 | 9.8 | 6.5 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 6.5 | 9.8 |
| 150° | 9.8 | 6.5 | 6.5 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 6.5 |
| 152.5° | 9.8 | 6.5 | 6.5 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 6.5 |
| 155° | 9.8 | 6.5 | 6.5 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 6.5 | 6.5 |
| 157.5° | 9.8 | 6.5 | 6.5 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 6.5 |
| 160° | 9.8 | 6.5 | 6.5 | 3.3 | 6.5 | 3.3 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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-LD5-200HL-LN-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 |
| 2.5° | 5960.9 | 5898.7 | 5931.4 | 5921.6 | 5934.7 | 5960.9 | 5957.6 | 5951.1 | 5951.1 | 5941.2 | 5928.2 |
| 5° | 5941.2 | 5882.4 | 5911.8 | 5895.5 | 5911.8 | 5934.7 | 5931.4 | 5921.6 | 5928.2 | 5911.8 | 5895.5 |
| 7.5° | 5902.0 | 5849.7 | 5875.8 | 5862.8 | 5875.8 | 5898.7 | 5888.9 | 5885.7 | 5892.2 | 5866.0 | 5856.2 |
| 10° | 5856.2 | 5797.4 | 5826.8 | 5810.5 | 5826.8 | 5843.1 | 5836.6 | 5823.5 | 5836.6 | 5810.5 | 5800.6 |
| 12.5° | 5784.3 | 5735.2 | 5754.9 | 5748.3 | 5758.1 | 5774.5 | 5761.4 | 5751.6 | 5758.1 | 5735.2 | 5715.6 |
| 15° | 5705.8 | 5656.8 | 5673.1 | 5663.3 | 5669.8 | 5689.5 | 5666.6 | 5663.3 | 5656.8 | 5633.9 | 5627.3 |
| 17.5° | 5604.5 | 5558.7 | 5575.0 | 5558.7 | 5568.5 | 5561.9 | 5558.7 | 5542.3 | 5542.3 | 5516.2 | 5496.5 |
| 20° | 5480.2 | 5441.0 | 5431.2 | 5418.1 | 5431.2 | 5418.1 | 5398.5 | 5385.4 | 5382.1 | 5355.9 | 5339.6 |
| 22.5° | 5336.3 | 5290.6 | 5297.1 | 5261.1 | 5264.4 | 5244.8 | 5212.1 | 5199.0 | 5185.9 | 5156.5 | 5133.6 |
| 25° | 5163.0 | 5117.3 | 5084.6 | 5061.7 | 5032.2 | 5029.0 | 4986.5 | 4953.8 | 4950.5 | 4914.5 | 4911.3 |
| 27.5° | 4966.8 | 4914.5 | 4888.4 | 4832.8 | 4796.8 | 4767.4 | 4731.4 | 4698.7 | 4682.4 | 4643.1 | 4617.0 |
| 30° | 4741.2 | 4682.4 | 4617.0 | 4577.7 | 4522.1 | 4499.3 | 4437.1 | 4397.9 | 4384.8 | 4342.3 | 4322.7 |
| 32.5° | 4486.2 | 4424.1 | 4371.7 | 4296.5 | 4234.4 | 4201.7 | 4139.6 | 4100.3 | 4084.0 | 4038.2 | 4012.1 |
| 35° | 4208.2 | 4139.6 | 4077.5 | 4005.5 | 3956.5 | 3900.9 | 3825.7 | 3786.4 | 3750.5 | 3734.1 | 3714.5 |
| 37.5° | 3917.2 | 3842.0 | 3770.1 | 3698.2 | 3655.6 | 3590.3 | 3524.9 | 3498.7 | 3456.2 | 3439.8 | 3420.2 |
| 40° | 3616.4 | 3541.2 | 3472.5 | 3403.9 | 3354.8 | 3296.0 | 3237.1 | 3227.3 | 3181.5 | 3165.2 | 3152.1 |
| 42.5° | 3318.9 | 3240.4 | 3161.9 | 3112.9 | 3076.9 | 3018.0 | 2978.8 | 2969.0 | 2929.7 | 2919.9 | 2919.9 |
| 45° | 3050.7 | 2952.6 | 2887.2 | 2844.7 | 2815.3 | 2766.3 | 2733.6 | 2727.0 | 2694.3 | 2687.8 | 2687.8 |
| 47.5° | 2763.0 | 2671.4 | 2622.4 | 2596.2 | 2570.1 | 2534.1 | 2514.5 | 2514.5 | 2481.8 | 2475.2 | 2472.0 |
| 50° | 2494.9 | 2409.8 | 2373.9 | 2347.7 | 2344.5 | 2318.3 | 2301.9 | 2295.4 | 2295.4 | 2272.5 | 2275.8 |
| 52.5° | 2239.8 | 2197.3 | 2167.9 | 2151.5 | 2131.9 | 2115.6 | 2102.5 | 2102.5 | 2092.7 | 2076.3 | 2082.9 |
| 55° | 2004.4 | 1955.3 | 1958.6 | 1945.5 | 1935.7 | 1925.9 | 1929.2 | 1909.6 | 1906.3 | 1893.2 | 1903.0 |
| 57.5° | 1769.0 | 1769.0 | 1762.4 | 1752.6 | 1736.3 | 1742.8 | 1742.8 | 1742.8 | 1726.5 | 1716.6 | 1726.5 |
| 60° | 1569.5 | 1579.3 | 1563.0 | 1572.8 | 1566.2 | 1569.5 | 1563.0 | 1563.0 | 1553.2 | 1549.9 | 1553.2 |
| 62.5° | 1392.9 | 1409.3 | 1402.7 | 1415.8 | 1409.3 | 1412.6 | 1419.1 | 1406.0 | 1399.5 | 1392.9 | 1399.5 |
| 65° | 1236.0 | 1255.6 | 1252.3 | 1262.1 | 1265.4 | 1268.7 | 1272.0 | 1265.4 | 1258.9 | 1252.3 | 1249.1 |
| 67.5° | 1098.7 | 1118.3 | 1131.4 | 1134.6 | 1137.9 | 1147.7 | 1144.4 | 1137.9 | 1131.4 | 1121.5 | 1118.3 |
| 70° | 974.4 | 1000.6 | 1016.9 | 1023.5 | 1036.5 | 1030.0 | 1030.0 | 1026.7 | 1020.2 | 1010.4 | 1007.1 |
| 72.5° | 869.8 | 899.2 | 915.5 | 922.1 | 935.2 | 935.2 | 931.9 | 928.6 | 922.1 | 912.3 | 909.0 |
| 75° | 778.2 | 804.4 | 827.3 | 840.3 | 850.2 | 850.2 | 846.9 | 843.6 | 837.1 | 830.5 | 827.3 |
| 77.5° | 706.3 | 729.2 | 748.8 | 765.1 | 771.7 | 774.9 | 771.7 | 765.1 | 765.1 | 761.9 | 758.6 |
| 80° | 634.3 | 660.5 | 680.1 | 696.5 | 706.3 | 706.3 | 703.0 | 706.3 | 699.7 | 696.5 | 693.2 |
| 82.5° | 572.2 | 601.6 | 624.5 | 640.9 | 647.4 | 650.7 | 647.4 | 650.7 | 644.2 | 644.2 | 644.2 |
| 85° | 516.6 | 546.1 | 572.2 | 585.3 | 595.1 | 598.4 | 598.4 | 598.4 | 595.1 | 595.1 | 595.1 |
| 87.5° | 470.9 | 500.3 | 526.4 | 539.5 | 549.3 | 552.6 | 552.6 | 555.9 | 549.3 | 549.3 | 549.3 |
| 90° | 428.3 | 457.8 | 483.9 | 497.0 | 506.8 | 513.4 | 513.4 | 516.6 | 513.4 | 510.1 | 510.1 |
| 92.5° | 389.1 | 421.8 | 448.0 | 461.0 | 470.9 | 480.7 | 480.7 | 483.9 | 477.4 | 477.4 | 477.4 |
| 95° | 356.4 | 389.1 | 412.0 | 428.3 | 438.2 | 444.7 | 448.0 | 448.0 | 444.7 | 444.7 | 444.7 |
| 97.5° | 327.0 | 356.4 | 379.3 | 395.6 | 405.5 | 408.7 | 412.0 | 415.3 | 412.0 | 412.0 | 412.0 |
| 100° | 297.6 | 327.0 | 349.9 | 362.9 | 376.0 | 379.3 | 382.6 | 385.8 | 385.8 | 382.6 | 382.6 |
| 102.5° | 271.4 | 300.8 | 320.4 | 336.8 | 346.6 | 353.1 | 356.4 | 356.4 | 356.4 | 356.4 | 356.4 |
| 105° | 245.2 | 274.7 | 294.3 | 310.6 | 320.4 | 327.0 | 330.3 | 333.5 | 333.5 | 330.3 | 330.3 |
| 107.5° | 222.3 | 248.5 | 271.4 | 284.5 | 297.6 | 304.1 | 307.4 | 307.4 | 310.6 | 307.4 | 307.4 |
| 110° | 199.5 | 228.9 | 248.5 | 261.6 | 274.7 | 281.2 | 284.5 | 287.7 | 287.7 | 287.7 | 287.7 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-200HL-LN-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 183.1 | 206.0 | 225.6 | 238.7 | 251.8 | 258.3 | 261.6 | 264.9 | 268.1 | 264.9 | 264.9 |
| 115° | 163.5 | 186.4 | 206.0 | 219.1 | 228.9 | 235.4 | 242.0 | 245.2 | 245.2 | 248.5 | 245.2 |
| 117.5° | 147.1 | 166.8 | 186.4 | 199.5 | 209.3 | 219.1 | 222.3 | 225.6 | 228.9 | 225.6 | 225.6 |
| 120° | 130.8 | 150.4 | 166.8 | 179.8 | 189.6 | 199.5 | 202.7 | 206.0 | 209.3 | 206.0 | 206.0 |
| 122.5° | 117.7 | 134.1 | 150.4 | 163.5 | 173.3 | 179.8 | 186.4 | 186.4 | 189.6 | 189.6 | 189.6 |
| 125° | 104.6 | 121.0 | 134.1 | 147.1 | 157.0 | 163.5 | 166.8 | 170.0 | 170.0 | 173.3 | 173.3 |
| 127.5° | 91.6 | 104.6 | 121.0 | 130.8 | 140.6 | 147.1 | 150.4 | 153.7 | 153.7 | 157.0 | 157.0 |
| 130° | 78.5 | 91.6 | 104.6 | 114.4 | 124.3 | 130.8 | 134.1 | 137.3 | 140.6 | 140.6 | 140.6 |
| 132.5° | 68.7 | 81.7 | 91.6 | 101.4 | 107.9 | 114.4 | 121.0 | 124.3 | 124.3 | 124.3 | 124.3 |
| 135° | 55.6 | 68.7 | 78.5 | 88.3 | 94.8 | 101.4 | 104.6 | 111.2 | 111.2 | 111.2 | 111.2 |
| 137.5° | 45.8 | 58.9 | 68.7 | 75.2 | 81.7 | 88.3 | 91.6 | 94.8 | 98.1 | 98.1 | 98.1 |
| 140° | 36.0 | 45.8 | 55.6 | 65.4 | 71.9 | 75.2 | 81.7 | 81.7 | 85.0 | 85.0 | 85.0 |
| 142.5° | 26.2 | 36.0 | 42.5 | 52.3 | 58.9 | 65.4 | 68.7 | 71.9 | 71.9 | 71.9 | 71.9 |
| 145° | 19.6 | 26.2 | 32.7 | 39.2 | 49.0 | 52.3 | 55.6 | 58.9 | 62.1 | 62.1 | 62.1 |
| 147.5° | 13.1 | 19.6 | 22.9 | 29.4 | 36.0 | 42.5 | 45.8 | 49.0 | 52.3 | 52.3 | 52.3 |
| 150° | 9.8 | 13.1 | 19.6 | 22.9 | 26.2 | 32.7 | 39.2 | 39.2 | 42.5 | 42.5 | 39.2 |
| 152.5° | 6.5 | 9.8 | 13.1 | 16.3 | 19.6 | 22.9 | 29.4 | 29.4 | 32.7 | 32.7 | 32.7 |
| 155° | 6.5 | 6.5 | 6.5 | 9.8 | 13.1 | 16.3 | 19.6 | 22.9 | 22.9 | 22.9 | 22.9 |
| 157.5° | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 9.8 | 13.1 | 16.3 | 16.3 | 16.3 | 16.3 |
| 160° | 6.5 | 6.5 | 3.3 | 3.3 | 6.5 | 6.5 | 6.5 | 6.5 | 9.8 | 9.8 | 9.8 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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-LD5-200HL-LN-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 |
| 2.5° | 5938.0 | 5944.5 | 5944.5 | 5938.0 | 5934.7 | 5947.8 | 5931.4 | 5869.3 | 5888.9 | 5895.5 | 5915.1 |
| 5° | 5908.5 | 5915.1 | 5915.1 | 5915.1 | 5908.5 | 5921.6 | 5905.3 | 5843.1 | 5866.0 | 5875.8 | 5888.9 |
| 7.5° | 5866.0 | 5869.3 | 5875.8 | 5872.6 | 5866.0 | 5885.7 | 5869.3 | 5807.2 | 5823.5 | 5839.9 | 5856.2 |
| 10° | 5810.5 | 5810.5 | 5813.7 | 5820.3 | 5813.7 | 5830.1 | 5813.7 | 5758.1 | 5774.5 | 5784.3 | 5803.9 |
| 12.5° | 5735.2 | 5741.8 | 5745.1 | 5741.8 | 5738.5 | 5751.6 | 5745.1 | 5692.7 | 5699.3 | 5718.9 | 5738.5 |
| 15° | 5633.9 | 5633.9 | 5650.2 | 5643.7 | 5643.7 | 5656.8 | 5663.3 | 5604.5 | 5614.3 | 5643.7 | 5663.3 |
| 17.5° | 5509.6 | 5512.9 | 5526.0 | 5532.5 | 5529.2 | 5552.1 | 5555.4 | 5509.6 | 5506.4 | 5542.3 | 5561.9 |
| 20° | 5349.4 | 5355.9 | 5372.3 | 5385.4 | 5385.4 | 5411.5 | 5421.3 | 5391.9 | 5395.2 | 5434.4 | 5441.0 |
| 22.5° | 5153.2 | 5153.2 | 5182.6 | 5202.3 | 5218.6 | 5235.0 | 5264.4 | 5238.2 | 5238.2 | 5290.6 | 5320.0 |
| 25° | 4911.3 | 4934.1 | 4944.0 | 4983.2 | 5006.1 | 5051.9 | 5078.0 | 5081.3 | 5084.6 | 5133.6 | 5153.2 |
| 27.5° | 4643.1 | 4649.7 | 4679.1 | 4724.9 | 4751.0 | 4793.5 | 4842.6 | 4852.4 | 4868.7 | 4934.1 | 4963.6 |
| 30° | 4339.0 | 4358.7 | 4371.7 | 4437.1 | 4473.1 | 4528.7 | 4590.8 | 4613.7 | 4626.8 | 4715.1 | 4751.0 |
| 32.5° | 4028.4 | 4034.9 | 4090.5 | 4126.5 | 4169.0 | 4227.9 | 4299.8 | 4342.3 | 4368.5 | 4460.0 | 4512.3 |
| 35° | 3717.8 | 3730.9 | 3776.6 | 3822.4 | 3864.9 | 3923.8 | 3999.0 | 4057.8 | 4103.6 | 4185.4 | 4254.0 |
| 37.5° | 3433.3 | 3466.0 | 3475.8 | 3521.6 | 3554.3 | 3613.1 | 3665.5 | 3750.5 | 3796.2 | 3881.3 | 3969.5 |
| 40° | 3178.3 | 3188.1 | 3194.6 | 3240.4 | 3263.3 | 3318.9 | 3394.1 | 3449.6 | 3511.8 | 3573.9 | 3678.5 |
| 42.5° | 2926.5 | 2933.0 | 2942.8 | 2969.0 | 2995.1 | 3034.4 | 3090.0 | 3145.6 | 3211.0 | 3302.5 | 3371.2 |
| 45° | 2694.3 | 2700.9 | 2707.4 | 2723.8 | 2746.6 | 2782.6 | 2818.6 | 2857.8 | 2923.2 | 3001.7 | 3073.6 |
| 47.5° | 2478.5 | 2491.6 | 2491.6 | 2494.9 | 2511.2 | 2540.6 | 2566.8 | 2615.8 | 2651.8 | 2694.3 | 2776.1 |
| 50° | 2272.5 | 2282.3 | 2285.6 | 2285.6 | 2295.4 | 2315.0 | 2321.6 | 2354.3 | 2387.0 | 2426.2 | 2485.1 |
| 52.5° | 2079.6 | 2079.6 | 2076.3 | 2089.4 | 2089.4 | 2102.5 | 2105.8 | 2125.4 | 2148.3 | 2190.8 | 2216.9 |
| 55° | 1896.5 | 1896.5 | 1906.3 | 1899.8 | 1899.8 | 1906.3 | 1903.0 | 1906.3 | 1925.9 | 1952.1 | 1975.0 |
| 57.5° | 1719.9 | 1716.6 | 1726.5 | 1719.9 | 1716.6 | 1723.2 | 1729.7 | 1716.6 | 1719.9 | 1746.1 | 1746.1 |
| 60° | 1543.4 | 1546.6 | 1556.4 | 1549.9 | 1549.9 | 1549.9 | 1543.4 | 1536.8 | 1530.3 | 1546.6 | 1553.2 |
| 62.5° | 1402.7 | 1392.9 | 1402.7 | 1392.9 | 1399.5 | 1396.2 | 1389.7 | 1376.6 | 1379.9 | 1373.3 | 1366.8 |
| 65° | 1255.6 | 1255.6 | 1258.9 | 1249.1 | 1255.6 | 1255.6 | 1245.8 | 1242.5 | 1222.9 | 1216.4 | 1200.0 |
| 67.5° | 1128.1 | 1128.1 | 1131.4 | 1124.8 | 1124.8 | 1128.1 | 1118.3 | 1108.5 | 1088.8 | 1079.0 | 1056.1 |
| 70° | 1016.9 | 1016.9 | 1016.9 | 1013.6 | 1013.6 | 1013.6 | 1007.1 | 994.0 | 974.4 | 958.1 | 928.6 |
| 72.5° | 915.5 | 918.8 | 915.5 | 915.5 | 925.4 | 915.5 | 905.7 | 892.7 | 876.3 | 843.6 | 817.5 |
| 75° | 833.8 | 837.1 | 833.8 | 833.8 | 833.8 | 830.5 | 827.3 | 807.6 | 788.0 | 761.9 | 722.6 |
| 77.5° | 761.9 | 761.9 | 765.1 | 761.9 | 761.9 | 758.6 | 748.8 | 732.4 | 709.5 | 686.7 | 640.9 |
| 80° | 693.2 | 696.5 | 699.7 | 703.0 | 696.5 | 693.2 | 683.4 | 670.3 | 640.9 | 614.7 | 568.9 |
| 82.5° | 644.2 | 640.9 | 644.2 | 647.4 | 640.9 | 637.6 | 627.8 | 611.5 | 588.6 | 552.6 | 506.8 |
| 85° | 595.1 | 591.8 | 591.8 | 595.1 | 591.8 | 585.3 | 575.5 | 559.1 | 536.2 | 500.3 | 454.5 |
| 87.5° | 546.1 | 549.3 | 552.6 | 549.3 | 546.1 | 539.5 | 529.7 | 513.4 | 487.2 | 457.8 | 408.7 |
| 90° | 510.1 | 510.1 | 510.1 | 510.1 | 506.8 | 500.3 | 490.5 | 470.9 | 448.0 | 412.0 | 369.5 |
| 92.5° | 477.4 | 477.4 | 477.4 | 477.4 | 474.1 | 464.3 | 454.5 | 438.2 | 412.0 | 376.0 | 336.8 |
| 95° | 444.7 | 448.0 | 444.7 | 444.7 | 438.2 | 434.9 | 418.5 | 402.2 | 379.3 | 343.3 | 300.8 |
| 97.5° | 408.7 | 412.0 | 408.7 | 408.7 | 405.5 | 398.9 | 389.1 | 369.5 | 346.6 | 313.9 | 274.7 |
| 100° | 382.6 | 382.6 | 379.3 | 379.3 | 376.0 | 369.5 | 356.4 | 340.1 | 317.2 | 284.5 | 245.2 |
| 102.5° | 353.1 | 356.4 | 353.1 | 353.1 | 346.6 | 340.1 | 330.3 | 313.9 | 291.0 | 258.3 | 222.3 |
| 105° | 330.3 | 330.3 | 327.0 | 327.0 | 320.4 | 313.9 | 304.1 | 284.5 | 264.9 | 235.4 | 199.5 |
| 107.5° | 307.4 | 307.4 | 304.1 | 304.1 | 297.6 | 291.0 | 277.9 | 261.6 | 242.0 | 212.5 | 179.8 |
| 110° | 284.5 | 284.5 | 284.5 | 281.2 | 274.7 | 264.9 | 255.0 | 238.7 | 219.1 | 192.9 | 160.2 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-200HL-LN-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 268.1 | 264.9 | 261.6 | 258.3 | 251.8 | 245.2 | 232.2 | 215.8 | 196.2 | 173.3 | 143.9 |
| 115° | 245.2 | 245.2 | 242.0 | 238.7 | 232.2 | 222.3 | 212.5 | 199.5 | 179.8 | 153.7 | 127.5 |
| 117.5° | 225.6 | 225.6 | 222.3 | 219.1 | 212.5 | 202.7 | 192.9 | 179.8 | 160.2 | 137.3 | 114.4 |
| 120° | 206.0 | 206.0 | 202.7 | 199.5 | 192.9 | 183.1 | 176.6 | 160.2 | 143.9 | 121.0 | 101.4 |
| 122.5° | 189.6 | 186.4 | 186.4 | 179.8 | 176.6 | 166.8 | 157.0 | 143.9 | 127.5 | 107.9 | 88.3 |
| 125° | 170.0 | 170.0 | 166.8 | 163.5 | 160.2 | 150.4 | 140.6 | 127.5 | 111.2 | 94.8 | 78.5 |
| 127.5° | 153.7 | 153.7 | 150.4 | 147.1 | 143.9 | 134.1 | 124.3 | 114.4 | 98.1 | 81.7 | 65.4 |
| 130° | 137.3 | 137.3 | 134.1 | 130.8 | 127.5 | 117.7 | 111.2 | 98.1 | 85.0 | 71.9 | 55.6 |
| 132.5° | 124.3 | 124.3 | 121.0 | 117.7 | 111.2 | 104.6 | 98.1 | 85.0 | 75.2 | 62.1 | 49.0 |
| 135° | 111.2 | 107.9 | 107.9 | 104.6 | 98.1 | 91.6 | 85.0 | 75.2 | 62.1 | 52.3 | 39.2 |
| 137.5° | 98.1 | 94.8 | 91.6 | 88.3 | 85.0 | 78.5 | 71.9 | 65.4 | 55.6 | 42.5 | 32.7 |
| 140° | 85.0 | 81.7 | 81.7 | 78.5 | 71.9 | 68.7 | 62.1 | 52.3 | 45.8 | 36.0 | 26.2 |
| 142.5° | 71.9 | 71.9 | 68.7 | 65.4 | 62.1 | 58.9 | 52.3 | 45.8 | 36.0 | 29.4 | 19.6 |
| 145° | 62.1 | 58.9 | 58.9 | 55.6 | 52.3 | 45.8 | 42.5 | 36.0 | 29.4 | 22.9 | 16.3 |
| 147.5° | 49.0 | 49.0 | 49.0 | 45.8 | 42.5 | 39.2 | 36.0 | 29.4 | 22.9 | 16.3 | 9.8 |
| 150° | 39.2 | 39.2 | 39.2 | 36.0 | 32.7 | 29.4 | 26.2 | 22.9 | 16.3 | 9.8 | 6.5 |
| 152.5° | 32.7 | 32.7 | 29.4 | 29.4 | 26.2 | 22.9 | 19.6 | 16.3 | 9.8 | 6.5 | 6.5 |
| 155° | 22.9 | 22.9 | 22.9 | 19.6 | 19.6 | 16.3 | 13.1 | 9.8 | 6.5 | 6.5 | 6.5 |
| 157.5° | 16.3 | 16.3 | 16.3 | 13.1 | 13.1 | 9.8 | 9.8 | 6.5 | 6.5 | 6.5 | 6.5 |
| 160° | 9.8 | 9.8 | 9.8 | 9.8 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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-LD5-200HL-LN-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 | 5944.5 |
| 2.5° | 5905.3 | 5902.0 | 5928.2 | 5928.2 | 5898.7 | 5944.5 | 5993.6 |
| 5° | 5885.7 | 5882.4 | 5908.5 | 5908.5 | 5882.4 | 5928.2 | 5980.5 |
| 7.5° | 5846.4 | 5849.7 | 5875.8 | 5882.4 | 5849.7 | 5892.2 | 5947.8 |
| 10° | 5803.9 | 5800.6 | 5830.1 | 5836.6 | 5810.5 | 5849.7 | 5902.0 |
| 12.5° | 5735.2 | 5735.2 | 5764.7 | 5774.5 | 5748.3 | 5794.1 | 5843.1 |
| 15° | 5663.3 | 5663.3 | 5682.9 | 5699.3 | 5676.4 | 5718.9 | 5767.9 |
| 17.5° | 5571.8 | 5568.5 | 5588.1 | 5607.7 | 5584.8 | 5630.6 | 5682.9 |
| 20° | 5454.0 | 5454.0 | 5476.9 | 5499.8 | 5483.5 | 5526.0 | 5584.8 |
| 22.5° | 5329.8 | 5316.7 | 5355.9 | 5372.3 | 5362.5 | 5405.0 | 5463.9 |
| 25° | 5172.8 | 5169.6 | 5208.8 | 5231.7 | 5218.6 | 5264.4 | 5316.7 |
| 27.5° | 5002.8 | 4999.5 | 5038.8 | 5068.2 | 5061.7 | 5104.2 | 5163.0 |
| 30° | 4796.8 | 4813.2 | 4849.1 | 4898.2 | 4881.8 | 4927.6 | 4989.7 |
| 32.5° | 4581.0 | 4597.4 | 4639.9 | 4692.2 | 4695.4 | 4731.4 | 4793.5 |
| 35° | 4322.7 | 4365.2 | 4394.6 | 4463.3 | 4476.4 | 4512.3 | 4577.7 |
| 37.5° | 4051.3 | 4100.3 | 4162.5 | 4214.8 | 4240.9 | 4270.4 | 4345.6 |
| 40° | 3747.2 | 3819.1 | 3887.8 | 3949.9 | 3982.6 | 4012.1 | 4084.0 |
| 42.5° | 3472.5 | 3528.1 | 3593.5 | 3655.6 | 3714.5 | 3740.7 | 3815.9 |
| 45° | 3161.9 | 3227.3 | 3286.2 | 3361.4 | 3420.2 | 3449.6 | 3524.9 |
| 47.5° | 2857.8 | 2923.2 | 3001.7 | 3054.0 | 3116.1 | 3145.6 | 3217.5 |
| 50° | 2566.8 | 2625.7 | 2691.1 | 2753.2 | 2805.5 | 2831.7 | 2893.8 |
| 52.5° | 2279.1 | 2341.2 | 2403.3 | 2442.5 | 2498.1 | 2517.8 | 2570.1 |
| 55° | 2024.0 | 2066.5 | 2122.1 | 2145.0 | 2200.6 | 2213.7 | 2249.6 |
| 57.5° | 1778.8 | 1808.2 | 1827.8 | 1867.1 | 1906.3 | 1935.7 | 1978.2 |
| 60° | 1556.4 | 1569.5 | 1582.6 | 1605.5 | 1638.2 | 1648.0 | 1664.3 |
| 62.5° | 1357.0 | 1353.7 | 1379.9 | 1386.4 | 1389.7 | 1422.4 | 1406.0 |
| 65° | 1180.4 | 1183.7 | 1160.8 | 1151.0 | 1164.1 | 1173.9 | 1167.3 |
| 67.5° | 1033.3 | 1013.6 | 994.0 | 971.1 | 951.5 | 961.3 | 951.5 |
| 70° | 889.4 | 873.0 | 840.3 | 807.6 | 794.6 | 774.9 | 765.1 |
| 72.5° | 774.9 | 735.7 | 703.0 | 660.5 | 637.6 | 614.7 | 598.4 |
| 75° | 686.7 | 631.1 | 585.3 | 539.5 | 506.8 | 474.1 | 467.6 |
| 77.5° | 595.1 | 542.8 | 490.5 | 441.4 | 392.4 | 356.4 | 343.3 |
| 80° | 523.2 | 474.1 | 412.0 | 353.1 | 300.8 | 255.0 | 238.7 |
| 82.5° | 457.8 | 405.5 | 343.3 | 281.2 | 222.3 | 173.3 | 153.7 |
| 85° | 402.2 | 346.6 | 284.5 | 222.3 | 163.5 | 111.2 | 85.0 |
| 87.5° | 359.7 | 297.6 | 235.4 | 176.6 | 114.4 | 62.1 | 32.7 |
| 90° | 320.4 | 261.6 | 202.7 | 140.6 | 81.7 | 32.7 | 0.0 |
| 92.5° | 284.5 | 228.9 | 170.0 | 114.4 | 62.1 | 19.6 | 3.3 |
| 95° | 251.8 | 202.7 | 143.9 | 91.6 | 45.8 | 13.1 | 3.3 |
| 97.5° | 225.6 | 176.6 | 124.3 | 75.2 | 36.0 | 9.8 | 3.3 |
| 100° | 202.7 | 153.7 | 107.9 | 62.1 | 29.4 | 6.5 | 3.3 |
| 102.5° | 179.8 | 137.3 | 91.6 | 52.3 | 22.9 | 3.3 | 3.3 |
| 105° | 160.2 | 121.0 | 78.5 | 45.8 | 19.6 | 3.3 | 3.3 |
| 107.5° | 143.9 | 107.9 | 68.7 | 39.2 | 13.1 | 3.3 | 3.3 |
| 110° | 127.5 | 91.6 | 58.9 | 32.7 | 9.8 | 3.3 | 3.3 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-200HL-LN-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|------|------|------|------|------|------|
| 112.5° | 114.4 | 81.7 | 52.3 | 26.2 | 6.5 | 3.3 | 3.3 |
| 115° | 101.4 | 71.9 | 45.8 | 22.9 | 6.5 | 3.3 | 3.3 |
| 117.5° | 88.3 | 62.1 | 39.2 | 16.3 | 3.3 | 3.3 | 3.3 |
| 120° | 78.5 | 55.6 | 32.7 | 13.1 | 3.3 | 3.3 | 3.3 |
| 122.5° | 68.7 | 45.8 | 26.2 | 9.8 | 3.3 | 3.3 | 3.3 |
| 125° | 58.9 | 39.2 | 22.9 | 6.5 | 3.3 | 3.3 | 3.3 |
| 127.5° | 49.0 | 32.7 | 16.3 | 6.5 | 3.3 | 3.3 | 3.3 |
| 130° | 42.5 | 26.2 | 13.1 | 3.3 | 3.3 | 3.3 | 3.3 |
| 132.5° | 36.0 | 19.6 | 9.8 | 3.3 | 3.3 | 3.3 | 3.3 |
| 135° | 29.4 | 16.3 | 6.5 | 3.3 | 3.3 | 3.3 | 3.3 |
| 137.5° | 22.9 | 13.1 | 6.5 | 3.3 | 3.3 | 3.3 | 3.3 |
| 140° | 16.3 | 9.8 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| 142.5° | 13.1 | 6.5 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| 145° | 9.8 | 6.5 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| 147.5° | 6.5 | 6.5 | 6.5 | 6.5 | 3.3 | 3.3 | 3.3 |
| 150° | 6.5 | 6.5 | 3.3 | 3.3 | 6.5 | 3.3 | 3.3 |
| 152.5° | 6.5 | 3.3 | 3.3 | 3.3 | 6.5 | 3.3 | 3.3 |
| 155° | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 3.3 |
| 157.5° | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 |
| 160° | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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)