

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-LD5-86SL-RW-UNV-L940-CD1-U**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P#
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P33525)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 8SNLED-LD5-86SL-RW-UNV-L940-CD1-U
Description: 8FT LINEAR SNLED LED FIXTURE
WHITE REFLECTOR
Light Source: -
Ballast/Driver: -

Summary

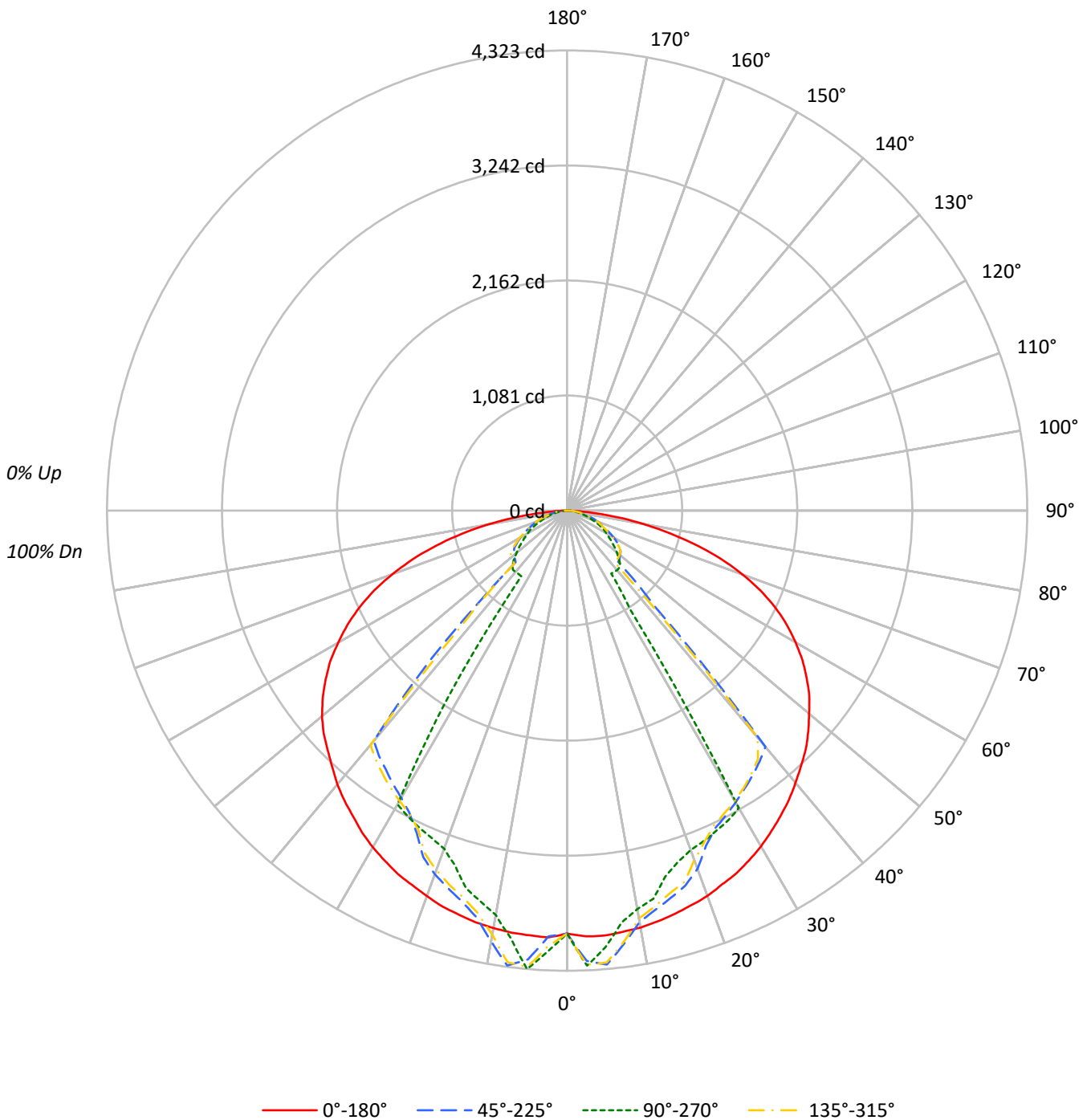
Lumens per Lamp: N/A
Luminaire Lumens: 7957.0 lumens
Efficiency: N/A
Efficacy: 115.3 lumens/watt
Spacing Criteria (0/90/45): 1.36 / 1.16 / 1.2
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 8' x H: 0.12')
CIE Type: Direct

Input Watts (W): 69
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-LD5-86SL-RW-UNV-L940-CD1-U

Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-86SL-RW-UNV-L940-CD1-U

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1 | 110 | 106 | 102 | 99 | 108 | 104 | 101 | 98 | 100 | 97 | 94 | 96 | 94 | 92 | 92 | 91 | 89 | 87 |
| 2 | 102 | 94 | 88 | 83 | 99 | 93 | 87 | 82 | 89 | 85 | 81 | 86 | 82 | 79 | 83 | 80 | 77 | 75 |
| 3 | 94 | 84 | 77 | 72 | 91 | 83 | 76 | 71 | 80 | 74 | 70 | 77 | 73 | 69 | 75 | 71 | 67 | 65 |
| 4 | 87 | 76 | 68 | 62 | 85 | 75 | 67 | 62 | 72 | 66 | 61 | 70 | 65 | 60 | 68 | 63 | 59 | 57 |
| 5 | 81 | 69 | 61 | 55 | 79 | 68 | 60 | 55 | 66 | 59 | 54 | 64 | 58 | 53 | 62 | 57 | 53 | 51 |
| 6 | 75 | 63 | 55 | 49 | 73 | 62 | 54 | 49 | 60 | 53 | 48 | 59 | 53 | 48 | 57 | 52 | 47 | 46 |
| 7 | 70 | 58 | 50 | 44 | 68 | 57 | 49 | 44 | 55 | 48 | 43 | 54 | 48 | 43 | 53 | 47 | 43 | 41 |
| 8 | 66 | 53 | 45 | 40 | 64 | 52 | 45 | 40 | 51 | 44 | 39 | 50 | 44 | 39 | 49 | 43 | 39 | 37 |
| 9 | 62 | 49 | 41 | 36 | 60 | 48 | 41 | 36 | 47 | 41 | 36 | 46 | 40 | 36 | 45 | 40 | 36 | 34 |
| 10 | 58 | 46 | 38 | 33 | 57 | 45 | 38 | 33 | 44 | 38 | 33 | 43 | 37 | 33 | 42 | 37 | 33 | 31 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 16055 | 16055 | 16055 | 16055 |
| 5° | 16234 | 16176 | 16227 | 16977 |
| 10° | 16273 | 14625 | 16295 | 14849 |
| 15° | 16332 | 13531 | 16370 | 13960 |
| 20° | 16475 | 12834 | 16475 | 12786 |
| 25° | 16644 | 12588 | 16668 | 12471 |
| 30° | 16841 | 12367 | 16883 | 12220 |
| 35° | 17068 | 2817 | 17104 | 2938 |
| 40° | 17378 | 2929 | 17483 | 3024 |
| 45° | 17837 | 2913 | 17899 | 3019 |
| 50° | 18306 | 2634 | 18553 | 2705 |
| 55° | 18936 | 2338 | 19086 | 2372 |
| 60° | 19500 | 2078 | 19544 | 2105 |
| 65° | 19962 | 1814 | 19912 | 1784 |
| 70° | 19843 | 1461 | 19782 | 1409 |
| 75° | 18669 | 1125 | 18803 | 1077 |
| 80° | 15531 | 799 | 16153 | 731 |
| 85° | 8953 | 478 | 9456 | 367 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-86SL-RW-UNV-L940-CD1-U

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 390.9 | 4.9 |
| 10°-20° | 1074.9 | 13.5 |
| 20°-30° | 1592.2 | 20.0 |
| 30°-40° | 1604.2 | 20.2 |
| 40°-50° | 1253.1 | 15.7 |
| 50°-60° | 968.0 | 12.2 |
| 60°-70° | 649.9 | 8.2 |
| 70°-80° | 331.5 | 4.2 |
| 80°-90° | 92.2 | 1.2 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-30° | 3058.0 | 38.4 |
| 0°-40° | 4662.2 | 58.6 |
| 0°-60° | 6883.4 | 86.5 |
| 0°-90° | 7957.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 7957.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 3974 | 3974 | 3974 | 3974 | 3974 | |
| 5° | 4008 | 4119 | 4006 | 4323 | 4008 | 381 |
| 15° | 3921 | 3560 | 3930 | 3673 | 3921 | 1109 |
| 25° | 3760 | 3318 | 3766 | 3287 | 3760 | 1735 |
| 35° | 3498 | 721 | 3506 | 752 | 3498 | 2192 |
| 45° | 3170 | 701 | 3181 | 727 | 3170 | 2445 |
| 55° | 2748 | 510 | 2770 | 517 | 2748 | 2454 |
| 65° | 2158 | 342 | 2152 | 337 | 2158 | 2122 |
| 75° | 1266 | 173 | 1275 | 166 | 1266 | 1324 |
| 85° | 228 | 55 | 240 | 42 | 228 | 313 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-86SL-RW-UNV-L940-CD1-U

CANDELA DISTRIBUTION (FULL):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 25° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 |
| 2.5° | 4004.5 | 4019.0 | 4030.0 | 4037.3 | 4040.9 | 4040.9 | 4042.7 | 4044.5 | 4068.2 | 4079.1 | 4086.4 |
| 5° | 4008.1 | 4022.7 | 4044.5 | 4073.7 | 4099.2 | 4121.0 | 4139.2 | 4164.7 | 4190.2 | 4217.5 | 4226.6 |
| 7.5° | 3991.7 | 4009.9 | 4053.6 | 4106.5 | 4155.6 | 4190.2 | 4213.9 | 4230.3 | 4243.0 | 4244.9 | 4254.0 |
| 10° | 3977.2 | 4009.9 | 4070.0 | 4139.2 | 4201.2 | 4243.0 | 4243.0 | 4233.9 | 4246.7 | 4197.5 | 4148.3 |
| 12.5° | 3951.7 | 3988.1 | 4070.0 | 4161.1 | 4219.4 | 4235.8 | 4228.5 | 4192.0 | 4117.4 | 4057.3 | 4030.0 |
| 15° | 3920.7 | 3969.9 | 4071.9 | 4173.8 | 4223.0 | 4228.5 | 4159.3 | 4066.4 | 4009.9 | 3973.5 | 3928.0 |
| 17.5° | 3886.1 | 3951.7 | 4073.7 | 4175.7 | 4193.9 | 4168.4 | 4037.3 | 3979.0 | 3920.7 | 3835.1 | 3773.2 |
| 20° | 3853.3 | 3917.1 | 4059.1 | 4150.2 | 4161.1 | 4046.4 | 3944.4 | 3882.5 | 3784.1 | 3709.5 | 3682.2 |
| 22.5° | 3802.3 | 3877.0 | 4046.4 | 4115.6 | 4073.7 | 3940.7 | 3842.4 | 3744.1 | 3654.8 | 3633.0 | 3600.2 |
| 25° | 3760.5 | 3838.8 | 4017.2 | 4073.7 | 3962.6 | 3844.2 | 3729.5 | 3614.8 | 3572.9 | 3541.9 | 3512.8 |
| 27.5° | 3704.0 | 3800.5 | 3979.0 | 3997.2 | 3844.2 | 3740.4 | 3572.9 | 3521.9 | 3483.7 | 3449.1 | 3436.3 |
| 30° | 3642.1 | 3760.5 | 3926.2 | 3891.6 | 3745.9 | 3592.9 | 3469.1 | 3421.7 | 3394.4 | 3358.0 | 3343.4 |
| 32.5° | 3571.1 | 3700.4 | 3867.9 | 3769.6 | 3640.3 | 3449.1 | 3368.9 | 3332.5 | 3296.1 | 3268.8 | 3177.7 |
| 35° | 3498.2 | 3647.6 | 3798.7 | 3653.0 | 3512.8 | 3339.8 | 3268.8 | 3236.0 | 3201.4 | 3101.2 | 3006.5 |
| 37.5° | 3423.6 | 3589.3 | 3714.9 | 3527.4 | 3343.4 | 3226.9 | 3166.8 | 3130.4 | 3052.1 | 2924.6 | 2877.3 |
| 40° | 3338.0 | 3518.3 | 3607.5 | 3398.1 | 3195.9 | 3112.2 | 3055.7 | 3019.3 | 2842.7 | 2786.2 | 2771.6 |
| 42.5° | 3252.4 | 3449.1 | 3476.4 | 3272.4 | 3073.9 | 2990.2 | 2942.8 | 2822.6 | 2702.4 | 2673.3 | 2678.8 |
| 45° | 3170.4 | 3374.4 | 3332.5 | 3094.0 | 2946.5 | 2877.3 | 2797.1 | 2631.4 | 2567.7 | 2582.2 | 2585.9 |
| 47.5° | 3072.1 | 3285.2 | 3181.4 | 2915.5 | 2815.3 | 2746.1 | 2567.7 | 2467.5 | 2458.4 | 2478.4 | 2489.4 |
| 50° | 2966.5 | 3185.0 | 3021.1 | 2753.4 | 2673.3 | 2591.3 | 2389.2 | 2338.2 | 2349.1 | 2369.2 | 2381.9 |
| 52.5° | 2868.1 | 3072.1 | 2855.4 | 2602.3 | 2533.1 | 2345.5 | 2208.9 | 2218.0 | 2236.2 | 2259.9 | 2267.2 |
| 55° | 2748.0 | 2935.5 | 2678.8 | 2449.3 | 2383.7 | 2137.9 | 2076.0 | 2097.8 | 2116.1 | 2136.1 | 2150.7 |
| 57.5° | 2622.3 | 2778.9 | 2469.3 | 2278.1 | 2172.5 | 1954.0 | 1959.4 | 1974.0 | 1986.8 | 2010.4 | 830.4 |
| 60° | 2478.4 | 2600.5 | 2239.9 | 2119.7 | 1910.3 | 1808.3 | 1813.8 | 1839.3 | 1852.0 | 1034.4 | 571.8 |
| 62.5° | 2329.1 | 2392.9 | 2032.3 | 1939.4 | 1669.9 | 1662.6 | 1688.1 | 1699.0 | 1156.4 | 546.3 | 535.4 |
| 65° | 2157.9 | 2145.2 | 1828.3 | 1680.8 | 1506.0 | 1513.3 | 1540.6 | 1486.0 | 511.7 | 511.7 | 508.1 |
| 67.5° | 1968.6 | 1892.1 | 1629.8 | 1391.3 | 1347.6 | 1364.0 | 1393.1 | 486.2 | 473.5 | 477.1 | 464.4 |
| 70° | 1751.8 | 1644.4 | 1424.1 | 1178.2 | 1192.8 | 1209.2 | 469.8 | 440.7 | 435.2 | 426.1 | 400.6 |
| 72.5° | 1522.4 | 1374.9 | 1165.5 | 1023.4 | 1032.5 | 648.3 | 411.6 | 397.0 | 378.8 | 360.6 | 333.3 |
| 75° | 1265.6 | 1074.4 | 855.9 | 855.9 | 868.6 | 369.7 | 358.7 | 335.1 | 315.0 | 291.4 | 275.0 |
| 77.5° | 992.5 | 826.8 | 664.7 | 690.2 | 336.9 | 309.6 | 289.5 | 264.1 | 247.7 | 233.1 | 224.0 |
| 80° | 726.6 | 577.3 | 500.8 | 448.0 | 262.2 | 234.9 | 214.9 | 200.3 | 193.0 | 183.9 | 173.0 |
| 82.5° | 477.1 | 347.8 | 347.8 | 211.2 | 183.9 | 162.1 | 156.6 | 145.7 | 138.4 | 132.9 | 127.5 |
| 85° | 227.6 | 202.1 | 153.0 | 129.3 | 114.7 | 103.8 | 100.2 | 94.7 | 94.7 | 92.9 | 91.1 |
| 87.5° | 83.8 | 91.1 | 67.4 | 65.6 | 61.9 | 60.1 | 61.9 | 61.9 | 63.7 | 61.9 | 60.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-86SL-RW-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

| | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° | 50° | 52.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 |
| 2.5° | 4104.6 | 4119.2 | 4130.1 | 4148.3 | 4172.0 | 4192.0 | 4210.3 | 4235.8 | 4275.8 | 4286.7 | 4295.8 |
| 5° | 4226.6 | 4232.1 | 4244.9 | 4259.4 | 4263.1 | 4272.2 | 4270.4 | 4281.3 | 4286.7 | 4299.5 | 4272.2 |
| 7.5° | 4233.9 | 4204.8 | 4170.2 | 4139.2 | 4117.4 | 4097.4 | 4084.6 | 4104.6 | 4115.6 | 4124.7 | 4097.4 |
| 10° | 4081.0 | 4046.4 | 4026.3 | 4008.1 | 3986.3 | 3955.3 | 3913.4 | 3922.5 | 3918.9 | 3918.9 | 3909.8 |
| 12.5° | 3984.4 | 3935.3 | 3884.3 | 3838.8 | 3818.7 | 3816.9 | 3818.7 | 3838.8 | 3838.8 | 3836.9 | 3826.0 |
| 15° | 3833.3 | 3786.0 | 3760.5 | 3749.5 | 3749.5 | 3744.1 | 3744.1 | 3765.9 | 3760.5 | 3760.5 | 3755.0 |
| 17.5° | 3733.1 | 3700.4 | 3682.2 | 3669.4 | 3663.9 | 3673.0 | 3684.0 | 3693.1 | 3694.9 | 3687.6 | 3658.5 |
| 20° | 3651.2 | 3620.2 | 3598.4 | 3602.0 | 3600.2 | 3605.7 | 3611.1 | 3580.2 | 3541.9 | 3490.9 | 3467.3 |
| 22.5° | 3565.6 | 3541.9 | 3525.5 | 3525.5 | 3503.7 | 3469.1 | 3418.1 | 3407.2 | 3401.7 | 3378.0 | 3358.0 |
| 25° | 3483.7 | 3456.3 | 3432.7 | 3359.8 | 3314.3 | 3319.8 | 3310.7 | 3292.5 | 3290.6 | 3288.8 | 3296.1 |
| 27.5° | 3401.7 | 3330.7 | 3239.6 | 3228.7 | 3210.5 | 3208.7 | 3219.6 | 3228.7 | 3228.7 | 3236.0 | 3245.1 |
| 30° | 3232.4 | 3150.4 | 3134.0 | 3114.0 | 3121.3 | 3146.8 | 3152.2 | 3165.0 | 3168.6 | 3181.4 | 3188.7 |
| 32.5° | 3077.6 | 3041.1 | 3026.6 | 3035.7 | 3059.4 | 3081.2 | 3094.0 | 3099.4 | 3108.5 | 3119.5 | 3128.6 |
| 35° | 2951.9 | 2941.0 | 2953.7 | 2973.8 | 2997.4 | 3015.7 | 3026.6 | 3037.5 | 3046.6 | 3055.7 | 3063.0 |
| 37.5° | 2859.0 | 2866.3 | 2884.5 | 2910.0 | 2933.7 | 2948.3 | 2957.4 | 2970.1 | 2982.9 | 2993.8 | 2950.1 |
| 40° | 2771.6 | 2789.8 | 2809.9 | 2837.2 | 2857.2 | 2871.8 | 2880.9 | 2897.3 | 2788.0 | 1262.0 | 692.0 |
| 42.5° | 2695.1 | 2715.2 | 2729.7 | 2751.6 | 2773.5 | 2784.4 | 2704.3 | 1207.4 | 682.9 | 679.2 | 688.4 |
| 45° | 2602.3 | 2618.7 | 2642.3 | 2658.7 | 2678.8 | 1759.1 | 672.0 | 679.2 | 668.3 | 675.6 | 679.2 |
| 47.5° | 2507.6 | 2533.1 | 2545.8 | 2429.3 | 723.0 | 668.3 | 661.0 | 668.3 | 661.0 | 670.1 | 664.7 |
| 50° | 2400.1 | 2431.1 | 1730.0 | 653.8 | 648.3 | 644.7 | 651.9 | 648.3 | 653.8 | 661.0 | 646.5 |
| 52.5° | 2290.9 | 1418.6 | 633.7 | 630.1 | 633.7 | 630.1 | 642.8 | 633.7 | 635.5 | 628.3 | 610.1 |
| 55° | 775.8 | 613.7 | 608.2 | 606.4 | 617.3 | 617.3 | 617.3 | 602.8 | 593.7 | 575.5 | 562.7 |
| 57.5° | 593.7 | 593.7 | 591.8 | 593.7 | 590.0 | 586.4 | 570.0 | 557.2 | 544.5 | 519.0 | 511.7 |
| 60° | 562.7 | 562.7 | 562.7 | 562.7 | 546.3 | 539.0 | 513.5 | 502.6 | 480.8 | 468.0 | 460.7 |
| 62.5° | 537.2 | 533.6 | 517.2 | 511.7 | 493.5 | 473.5 | 458.9 | 448.0 | 426.1 | 418.8 | 413.4 |
| 65° | 500.8 | 488.0 | 468.0 | 446.2 | 437.1 | 415.2 | 407.9 | 391.5 | 380.6 | 375.1 | 371.5 |
| 67.5° | 440.7 | 422.5 | 406.1 | 391.5 | 375.1 | 367.9 | 358.7 | 346.0 | 338.7 | 335.1 | 331.4 |
| 70° | 377.0 | 364.2 | 347.8 | 338.7 | 327.8 | 322.3 | 309.6 | 305.9 | 300.5 | 295.0 | 289.5 |
| 72.5° | 315.0 | 307.8 | 300.5 | 287.7 | 284.1 | 280.4 | 267.7 | 260.4 | 253.1 | 245.8 | 242.2 |
| 75° | 264.1 | 258.6 | 254.9 | 244.0 | 238.6 | 227.6 | 218.5 | 213.1 | 207.6 | 202.1 | 198.5 |
| 77.5° | 216.7 | 213.1 | 202.1 | 194.9 | 191.2 | 182.1 | 178.5 | 180.3 | 176.6 | 169.4 | 165.7 |
| 80° | 169.4 | 165.7 | 156.6 | 156.6 | 153.0 | 149.3 | 145.7 | 142.0 | 138.4 | 132.9 | 129.3 |
| 82.5° | 129.3 | 125.7 | 122.0 | 118.4 | 114.7 | 112.9 | 111.1 | 107.4 | 103.8 | 100.2 | 98.3 |
| 85° | 91.1 | 89.2 | 87.4 | 85.6 | 83.8 | 81.9 | 80.1 | 76.5 | 72.8 | 71.0 | 69.2 |
| 87.5° | 61.9 | 60.1 | 58.3 | 56.5 | 54.6 | 52.8 | 51.0 | 49.2 | 45.5 | 43.7 | 41.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-86SL-RW-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

| | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 |
| 2.5° | 4295.8 | 4305.0 | 4295.8 | 4275.8 | 4263.1 | 4257.6 | 4268.5 | 4268.5 | 4275.8 | 4284.9 | 4286.7 |
| 5° | 4228.5 | 4206.6 | 4181.1 | 4155.6 | 4142.9 | 4135.6 | 4115.6 | 4119.2 | 4124.7 | 4128.3 | 4132.0 |
| 7.5° | 4060.9 | 4031.8 | 3997.2 | 3964.4 | 3951.7 | 3940.7 | 3917.1 | 3917.1 | 3917.1 | 3918.9 | 3929.8 |
| 10° | 3889.8 | 3877.0 | 3862.4 | 3840.6 | 3824.2 | 3818.7 | 3798.7 | 3804.2 | 3800.5 | 3806.0 | 3818.7 |
| 12.5° | 3809.6 | 3795.1 | 3782.3 | 3760.5 | 3742.2 | 3735.0 | 3725.9 | 3731.3 | 3729.5 | 3738.6 | 3749.5 |
| 15° | 3736.8 | 3729.5 | 3714.9 | 3698.5 | 3682.2 | 3667.6 | 3634.8 | 3623.9 | 3616.6 | 3607.5 | 3620.2 |
| 17.5° | 3616.6 | 3565.6 | 3531.0 | 3505.5 | 3487.3 | 3474.6 | 3465.4 | 3465.4 | 3470.9 | 3476.4 | 3487.3 |
| 20° | 3452.7 | 3438.1 | 3421.7 | 3394.4 | 3376.2 | 3368.9 | 3363.5 | 3363.5 | 3372.6 | 3379.9 | 3399.9 |
| 22.5° | 3339.8 | 3338.0 | 3332.5 | 3319.8 | 3310.7 | 3310.7 | 3312.5 | 3316.1 | 3328.9 | 3339.8 | 3359.8 |
| 25° | 3287.0 | 3294.3 | 3290.6 | 3283.3 | 3277.9 | 3279.7 | 3276.1 | 3279.7 | 3292.5 | 3303.4 | 3319.8 |
| 27.5° | 3245.1 | 3256.0 | 3252.4 | 3241.5 | 3232.4 | 3236.0 | 3241.5 | 3237.8 | 3248.7 | 3261.5 | 3274.2 |
| 30° | 3188.7 | 3190.5 | 3197.8 | 3185.0 | 3181.4 | 3186.8 | 3188.7 | 3192.3 | 3203.2 | 3212.3 | 3223.3 |
| 32.5° | 3124.9 | 3139.5 | 3137.7 | 3124.9 | 3124.9 | 3130.4 | 3132.2 | 3010.2 | 2782.6 | 2396.5 | 2290.9 |
| 35° | 3063.0 | 3079.4 | 3052.1 | 2573.1 | 1781.0 | 950.6 | 733.9 | 708.4 | 713.8 | 717.5 | 721.1 |
| 37.5° | 2265.4 | 1074.4 | 684.7 | 690.2 | 695.6 | 701.1 | 706.6 | 712.0 | 717.5 | 723.0 | 724.8 |
| 40° | 681.1 | 679.2 | 684.7 | 692.0 | 697.5 | 701.1 | 708.4 | 713.8 | 719.3 | 724.8 | 726.6 |
| 42.5° | 673.8 | 677.4 | 682.9 | 690.2 | 697.5 | 704.7 | 710.2 | 717.5 | 721.1 | 724.8 | 726.6 |
| 45° | 670.1 | 677.4 | 684.7 | 690.2 | 695.6 | 699.3 | 702.9 | 704.7 | 702.9 | 702.9 | 706.6 |
| 47.5° | 664.7 | 672.0 | 673.8 | 672.0 | 673.8 | 672.0 | 672.0 | 672.0 | 666.5 | 664.7 | 664.7 |
| 50° | 644.7 | 644.7 | 641.0 | 633.7 | 631.9 | 630.1 | 626.4 | 624.6 | 617.3 | 615.5 | 615.5 |
| 52.5° | 602.8 | 600.9 | 595.5 | 586.4 | 582.7 | 579.1 | 577.3 | 575.5 | 568.2 | 564.5 | 566.3 |
| 55° | 553.6 | 550.0 | 544.5 | 533.6 | 531.7 | 528.1 | 526.3 | 524.5 | 517.2 | 520.8 | 515.4 |
| 57.5° | 508.1 | 500.8 | 493.5 | 491.7 | 484.4 | 482.6 | 480.8 | 478.9 | 473.5 | 475.3 | 471.7 |
| 60° | 453.4 | 451.6 | 448.0 | 440.7 | 440.7 | 438.9 | 438.9 | 435.2 | 431.6 | 429.8 | 429.8 |
| 62.5° | 413.4 | 407.9 | 404.3 | 404.3 | 398.8 | 398.8 | 398.8 | 395.2 | 391.5 | 393.3 | 391.5 |
| 65° | 369.7 | 367.9 | 366.0 | 362.4 | 362.4 | 360.6 | 360.6 | 356.9 | 351.5 | 353.3 | 349.6 |
| 67.5° | 333.3 | 329.6 | 326.0 | 324.1 | 316.9 | 313.2 | 311.4 | 309.6 | 302.3 | 304.1 | 300.5 |
| 70° | 287.7 | 282.3 | 278.6 | 275.0 | 269.5 | 265.9 | 265.9 | 262.2 | 256.8 | 258.6 | 254.9 |
| 72.5° | 240.4 | 236.7 | 233.1 | 231.3 | 225.8 | 224.0 | 222.2 | 220.3 | 214.9 | 216.7 | 214.9 |
| 75° | 200.3 | 200.3 | 198.5 | 196.7 | 191.2 | 185.7 | 182.1 | 180.3 | 176.6 | 178.5 | 174.8 |
| 77.5° | 165.7 | 162.1 | 158.4 | 158.4 | 153.0 | 149.3 | 145.7 | 145.7 | 145.7 | 143.9 | 142.0 |
| 80° | 129.3 | 125.7 | 125.7 | 123.8 | 120.2 | 116.5 | 114.7 | 114.7 | 112.9 | 112.9 | 111.1 |
| 82.5° | 98.3 | 94.7 | 92.9 | 92.9 | 89.2 | 87.4 | 85.6 | 83.8 | 83.8 | 83.8 | 81.9 |
| 85° | 69.2 | 65.6 | 63.7 | 63.7 | 60.1 | 58.3 | 58.3 | 56.5 | 56.5 | 54.6 | 54.6 |
| 87.5° | 41.9 | 40.1 | 38.2 | 38.2 | 34.6 | 32.8 | 32.8 | 32.8 | 31.0 | 31.0 | 29.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-86SL-RW-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° | 92.5° | 95° | 97.5° | 100° | 102.5° | 105° | 107.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 |
| 2.5° | 4286.7 | 4286.7 | 4274.0 | 4277.6 | 4272.2 | 4279.5 | 4270.4 | 4270.4 | 4281.3 | 4281.3 | 4288.6 |
| 5° | 4133.8 | 4124.7 | 4122.8 | 4119.2 | 4101.0 | 4108.3 | 4099.2 | 4090.1 | 4102.8 | 4102.8 | 4119.2 |
| 7.5° | 3924.4 | 3908.0 | 3915.2 | 3904.3 | 3893.4 | 3877.0 | 3882.5 | 3875.2 | 3884.3 | 3897.0 | 3913.4 |
| 10° | 3816.9 | 3802.3 | 3811.4 | 3800.5 | 3806.0 | 3782.3 | 3784.1 | 3786.0 | 3795.1 | 3798.7 | 3813.3 |
| 12.5° | 3747.7 | 3744.1 | 3740.4 | 3736.8 | 3740.4 | 3727.7 | 3720.4 | 3722.2 | 3725.9 | 3727.7 | 3738.6 |
| 15° | 3602.0 | 3578.4 | 3585.6 | 3560.1 | 3562.0 | 3563.8 | 3549.2 | 3563.8 | 3562.0 | 3585.6 | 3607.5 |
| 17.5° | 3483.7 | 3483.7 | 3470.9 | 3460.0 | 3452.7 | 3450.9 | 3440.0 | 3447.2 | 3440.0 | 3454.5 | 3460.0 |
| 20° | 3401.7 | 3399.9 | 3398.1 | 3392.6 | 3374.4 | 3376.2 | 3381.7 | 3365.3 | 3363.5 | 3361.6 | 3372.6 |
| 22.5° | 3363.5 | 3365.3 | 3358.0 | 3358.0 | 3341.6 | 3345.3 | 3347.1 | 3328.9 | 3330.7 | 3325.2 | 3330.7 |
| 25° | 3323.4 | 3327.0 | 3317.9 | 3317.9 | 3314.3 | 3312.5 | 3303.4 | 3307.0 | 3296.1 | 3287.0 | 3296.1 |
| 27.5° | 3276.1 | 3283.3 | 3276.1 | 3279.7 | 3272.4 | 3268.8 | 3263.3 | 3259.7 | 3248.7 | 3246.9 | 3252.4 |
| 30° | 3232.4 | 3236.0 | 3234.2 | 3225.1 | 3223.3 | 3212.3 | 3217.8 | 3206.9 | 3195.9 | 3197.8 | 3201.4 |
| 32.5° | 1657.2 | 1582.5 | 1220.1 | 1101.7 | 1090.8 | 1130.9 | 1340.3 | 1631.7 | 2114.2 | 2582.2 | 2919.1 |
| 35° | 723.0 | 723.0 | 723.0 | 721.1 | 721.1 | 719.3 | 717.5 | 715.7 | 713.8 | 712.0 | 710.2 |
| 37.5° | 726.6 | 726.6 | 726.6 | 726.6 | 724.8 | 723.0 | 723.0 | 719.3 | 717.5 | 715.7 | 713.8 |
| 40° | 728.4 | 730.2 | 730.2 | 730.2 | 728.4 | 728.4 | 726.6 | 723.0 | 721.1 | 717.5 | 713.8 |
| 42.5° | 726.6 | 728.4 | 728.4 | 726.6 | 726.6 | 724.8 | 724.8 | 723.0 | 721.1 | 719.3 | 717.5 |
| 45° | 702.9 | 704.7 | 701.1 | 701.1 | 699.3 | 699.3 | 699.3 | 699.3 | 699.3 | 701.1 | 701.1 |
| 47.5° | 661.0 | 661.0 | 659.2 | 657.4 | 657.4 | 655.6 | 657.4 | 655.6 | 659.2 | 661.0 | 664.7 |
| 50° | 611.9 | 611.9 | 608.2 | 606.4 | 606.4 | 606.4 | 606.4 | 608.2 | 610.1 | 613.7 | 617.3 |
| 52.5° | 560.9 | 560.9 | 559.1 | 557.2 | 555.4 | 555.4 | 560.9 | 559.1 | 560.9 | 562.7 | 568.2 |
| 55° | 511.7 | 513.5 | 509.9 | 509.9 | 508.1 | 508.1 | 508.1 | 509.9 | 511.7 | 513.5 | 519.0 |
| 57.5° | 469.8 | 469.8 | 466.2 | 466.2 | 466.2 | 464.4 | 469.8 | 466.2 | 468.0 | 469.8 | 473.5 |
| 60° | 427.9 | 426.1 | 426.1 | 424.3 | 424.3 | 424.3 | 427.9 | 426.1 | 426.1 | 427.9 | 431.6 |
| 62.5° | 389.7 | 389.7 | 387.9 | 387.9 | 386.1 | 386.1 | 389.7 | 387.9 | 387.9 | 389.7 | 391.5 |
| 65° | 346.0 | 346.0 | 344.2 | 342.4 | 347.8 | 342.4 | 347.8 | 344.2 | 347.8 | 349.6 | 353.3 |
| 67.5° | 296.8 | 296.8 | 296.8 | 295.0 | 295.0 | 298.7 | 300.5 | 296.8 | 298.7 | 302.3 | 304.1 |
| 70° | 253.1 | 253.1 | 251.3 | 251.3 | 251.3 | 254.9 | 256.8 | 253.1 | 254.9 | 256.8 | 260.4 |
| 72.5° | 214.9 | 211.2 | 211.2 | 209.4 | 213.1 | 213.1 | 214.9 | 213.1 | 214.9 | 214.9 | 218.5 |
| 75° | 176.6 | 173.0 | 173.0 | 173.0 | 176.6 | 174.8 | 176.6 | 174.8 | 176.6 | 176.6 | 178.5 |
| 77.5° | 142.0 | 140.2 | 138.4 | 138.4 | 142.0 | 142.0 | 142.0 | 140.2 | 142.0 | 143.9 | 145.7 |
| 80° | 111.1 | 109.3 | 107.4 | 107.4 | 111.1 | 111.1 | 111.1 | 112.9 | 111.1 | 112.9 | 114.7 |
| 82.5° | 81.9 | 80.1 | 78.3 | 81.9 | 81.9 | 81.9 | 81.9 | 83.8 | 81.9 | 83.8 | 85.6 |
| 85° | 54.6 | 52.8 | 51.0 | 54.6 | 54.6 | 54.6 | 54.6 | 56.5 | 54.6 | 56.5 | 58.3 |
| 87.5° | 29.1 | 27.3 | 27.3 | 29.1 | 29.1 | 29.1 | 31.0 | 31.0 | 31.0 | 32.8 | 32.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-86SL-RW-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

| | 110° | 112.5° | 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 132.5° | 135° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 |
| 2.5° | 4299.5 | 4305.0 | 4303.1 | 4292.2 | 4281.3 | 4268.5 | 4259.4 | 4261.2 | 4279.5 | 4284.9 | 4268.5 |
| 5° | 4119.2 | 4153.8 | 4153.8 | 4177.5 | 4164.7 | 4153.8 | 4161.1 | 4201.2 | 4221.2 | 4252.1 | 4263.1 |
| 7.5° | 3933.5 | 3949.8 | 3948.0 | 3971.7 | 3968.1 | 3968.1 | 3973.5 | 4026.3 | 4051.8 | 4077.3 | 4084.6 |
| 10° | 3829.7 | 3846.0 | 3844.2 | 3846.0 | 3840.6 | 3827.8 | 3827.8 | 3851.5 | 3873.4 | 3886.1 | 3889.8 |
| 12.5° | 3755.0 | 3764.1 | 3762.3 | 3762.3 | 3758.6 | 3747.7 | 3745.9 | 3765.9 | 3789.6 | 3806.0 | 3807.8 |
| 15° | 3643.9 | 3669.4 | 3674.9 | 3698.5 | 3693.1 | 3678.5 | 3682.2 | 3698.5 | 3713.1 | 3727.7 | 3722.2 |
| 17.5° | 3478.2 | 3490.9 | 3492.8 | 3501.9 | 3498.2 | 3498.2 | 3520.1 | 3580.2 | 3620.2 | 3654.8 | 3658.5 |
| 20° | 3383.5 | 3392.6 | 3389.0 | 3409.0 | 3399.9 | 3398.1 | 3403.5 | 3429.0 | 3447.2 | 3463.6 | 3492.8 |
| 22.5° | 3338.0 | 3345.3 | 3339.8 | 3341.6 | 3325.2 | 3310.7 | 3307.0 | 3327.0 | 3347.1 | 3368.9 | 3368.9 |
| 25° | 3299.7 | 3305.2 | 3303.4 | 3299.7 | 3287.0 | 3267.0 | 3263.3 | 3267.0 | 3274.2 | 3276.1 | 3263.3 |
| 27.5° | 3254.2 | 3257.9 | 3257.9 | 3259.7 | 3243.3 | 3225.1 | 3221.4 | 3217.8 | 3225.1 | 3223.3 | 3203.2 |
| 30° | 3206.9 | 3201.4 | 3203.2 | 3205.0 | 3190.5 | 3174.1 | 3166.8 | 3165.0 | 3172.3 | 3170.4 | 3150.4 |
| 32.5° | 3094.0 | 3135.8 | 3139.5 | 3143.1 | 3130.4 | 3115.8 | 3108.5 | 3103.1 | 3106.7 | 3104.9 | 3086.7 |
| 35° | 708.4 | 721.1 | 883.2 | 1999.5 | 2715.2 | 3006.5 | 3037.5 | 3030.2 | 3032.0 | 3032.0 | 3017.5 |
| 37.5° | 710.2 | 708.4 | 706.6 | 701.1 | 695.6 | 692.0 | 1196.4 | 2551.3 | 2955.6 | 2957.4 | 2944.6 |
| 40° | 710.2 | 708.4 | 706.6 | 702.9 | 695.6 | 690.2 | 681.1 | 673.8 | 690.2 | 1518.8 | 2778.9 |
| 42.5° | 713.8 | 710.2 | 706.6 | 702.9 | 695.6 | 688.4 | 681.1 | 672.0 | 677.4 | 673.8 | 664.7 |
| 45° | 702.9 | 701.1 | 701.1 | 699.3 | 695.6 | 688.4 | 679.2 | 668.3 | 662.9 | 668.3 | 659.2 |
| 47.5° | 668.3 | 670.1 | 675.6 | 677.4 | 677.4 | 679.2 | 673.8 | 666.5 | 657.4 | 662.9 | 651.9 |
| 50° | 621.0 | 624.6 | 626.4 | 635.5 | 639.2 | 646.5 | 648.3 | 648.3 | 646.5 | 653.8 | 646.5 |
| 52.5° | 570.0 | 573.6 | 582.7 | 586.4 | 590.0 | 600.9 | 604.6 | 610.1 | 613.7 | 624.6 | 631.9 |
| 55° | 520.8 | 522.6 | 526.3 | 533.6 | 539.0 | 548.1 | 553.6 | 559.1 | 568.2 | 573.6 | 595.5 |
| 57.5° | 475.3 | 477.1 | 484.4 | 486.2 | 489.9 | 497.1 | 502.6 | 509.9 | 517.2 | 520.8 | 546.3 |
| 60° | 431.6 | 433.4 | 438.9 | 440.7 | 442.5 | 449.8 | 455.3 | 460.7 | 466.2 | 469.8 | 488.0 |
| 62.5° | 393.3 | 393.3 | 398.8 | 398.8 | 400.6 | 406.1 | 409.7 | 413.4 | 418.8 | 420.7 | 429.8 |
| 65° | 355.1 | 356.9 | 360.6 | 360.6 | 362.4 | 366.0 | 367.9 | 369.7 | 375.1 | 375.1 | 382.4 |
| 67.5° | 307.8 | 309.6 | 315.0 | 318.7 | 320.5 | 327.8 | 329.6 | 331.4 | 335.1 | 336.9 | 340.5 |
| 70° | 262.2 | 264.1 | 269.5 | 271.3 | 273.2 | 278.6 | 282.3 | 287.7 | 293.2 | 298.7 | 302.3 |
| 72.5° | 220.3 | 222.2 | 227.6 | 227.6 | 233.1 | 234.9 | 238.6 | 240.4 | 245.8 | 249.5 | 254.9 |
| 75° | 180.3 | 182.1 | 187.6 | 187.6 | 193.0 | 194.9 | 196.7 | 198.5 | 202.1 | 205.8 | 209.4 |
| 77.5° | 147.5 | 147.5 | 154.8 | 158.4 | 162.1 | 162.1 | 163.9 | 163.9 | 163.9 | 165.7 | 169.4 |
| 80° | 116.5 | 116.5 | 122.0 | 125.7 | 129.3 | 129.3 | 131.1 | 132.9 | 134.8 | 134.8 | 136.6 |
| 82.5° | 87.4 | 87.4 | 92.9 | 94.7 | 98.3 | 98.3 | 98.3 | 100.2 | 102.0 | 100.2 | 103.8 |
| 85° | 60.1 | 60.1 | 63.7 | 65.6 | 69.2 | 69.2 | 69.2 | 71.0 | 72.8 | 71.0 | 72.8 |
| 87.5° | 34.6 | 36.4 | 38.2 | 40.1 | 41.9 | 43.7 | 43.7 | 43.7 | 45.5 | 45.5 | 47.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-86SL-RW-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

| | 137.5° | 140° | 142.5° | 145° | 147.5° | 150° | 152.5° | 155° | 157.5° | 160° | 162.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 |
| 2.5° | 4250.3 | 4228.5 | 4226.6 | 4201.2 | 4193.9 | 4195.7 | 4175.7 | 4168.4 | 4135.6 | 4128.3 | 4093.7 |
| 5° | 4266.7 | 4277.6 | 4272.2 | 4270.4 | 4275.8 | 4272.2 | 4257.6 | 4250.3 | 4244.9 | 4230.3 | 4201.2 |
| 7.5° | 4086.4 | 4093.7 | 4099.2 | 4122.8 | 4142.9 | 4177.5 | 4213.9 | 4237.6 | 4255.8 | 4259.4 | 4235.8 |
| 10° | 3902.5 | 3937.1 | 3960.8 | 3997.2 | 4026.3 | 4046.4 | 4068.2 | 4088.2 | 4141.1 | 4193.9 | 4224.8 |
| 12.5° | 3807.8 | 3816.9 | 3815.1 | 3835.1 | 3855.2 | 3908.0 | 3959.0 | 3988.1 | 4028.2 | 4051.8 | 4108.3 |
| 15° | 3727.7 | 3729.5 | 3735.0 | 3749.5 | 3760.5 | 3778.7 | 3802.3 | 3846.0 | 3926.2 | 3962.6 | 3993.6 |
| 17.5° | 3654.8 | 3654.8 | 3658.5 | 3671.2 | 3685.8 | 3702.2 | 3716.8 | 3735.0 | 3775.0 | 3835.1 | 3911.6 |
| 20° | 3538.3 | 3589.3 | 3594.7 | 3592.9 | 3600.2 | 3631.2 | 3634.8 | 3667.6 | 3687.6 | 3711.3 | 3786.0 |
| 22.5° | 3365.3 | 3396.2 | 3440.0 | 3507.3 | 3532.8 | 3547.4 | 3558.3 | 3572.9 | 3603.8 | 3631.2 | 3662.1 |
| 25° | 3270.6 | 3290.6 | 3303.4 | 3323.4 | 3376.2 | 3461.8 | 3478.2 | 3494.6 | 3514.6 | 3534.6 | 3572.9 |
| 27.5° | 3186.8 | 3185.0 | 3194.1 | 3212.3 | 3226.9 | 3272.4 | 3352.5 | 3416.3 | 3419.9 | 3449.1 | 3481.8 |
| 30° | 3126.7 | 3115.8 | 3103.1 | 3099.4 | 3119.5 | 3143.1 | 3166.8 | 3267.0 | 3336.2 | 3350.7 | 3385.3 |
| 32.5° | 3070.3 | 3052.1 | 3033.9 | 3019.3 | 3006.5 | 3026.6 | 3041.1 | 3084.9 | 3174.1 | 3257.9 | 3276.1 |
| 35° | 3001.1 | 2982.9 | 2961.0 | 2944.6 | 2924.6 | 2922.8 | 2921.0 | 2962.8 | 2992.0 | 3092.1 | 3179.5 |
| 37.5° | 2930.1 | 2910.0 | 2891.8 | 2873.6 | 2853.6 | 2839.0 | 2829.9 | 2840.8 | 2868.1 | 2911.9 | 3057.5 |
| 40° | 2855.4 | 2831.7 | 2813.5 | 2798.9 | 2771.6 | 2760.7 | 2742.5 | 2735.2 | 2737.0 | 2775.3 | 2851.8 |
| 42.5° | 1706.3 | 2720.6 | 2729.7 | 2713.4 | 2689.7 | 2675.1 | 2655.1 | 2646.0 | 2627.8 | 2646.0 | 2689.7 |
| 45° | 657.4 | 664.7 | 1990.4 | 2629.6 | 2600.5 | 2582.2 | 2564.0 | 2554.9 | 2534.9 | 2520.3 | 2560.4 |
| 47.5° | 644.7 | 651.9 | 637.4 | 903.2 | 2482.1 | 2487.5 | 2465.7 | 2456.6 | 2436.6 | 2425.6 | 2414.7 |
| 50° | 635.5 | 641.0 | 630.1 | 633.7 | 621.0 | 2274.5 | 2365.5 | 2354.6 | 2332.8 | 2320.0 | 2298.2 |
| 52.5° | 626.4 | 626.4 | 619.2 | 610.1 | 606.4 | 608.2 | 1913.9 | 2250.8 | 2225.3 | 2212.6 | 2183.4 |
| 55° | 597.3 | 600.9 | 608.2 | 593.7 | 590.0 | 588.2 | 582.7 | 1822.9 | 2106.9 | 2092.4 | 2066.9 |
| 57.5° | 553.6 | 560.9 | 580.9 | 577.3 | 577.3 | 562.7 | 559.1 | 559.1 | 1691.8 | 1970.4 | 1944.9 |
| 60° | 502.6 | 509.9 | 531.7 | 539.0 | 544.5 | 540.9 | 537.2 | 535.4 | 528.1 | 1782.8 | 1815.6 |
| 62.5° | 449.8 | 457.1 | 464.4 | 488.0 | 495.3 | 504.4 | 515.4 | 509.9 | 502.6 | 502.6 | 1679.0 |
| 65° | 393.3 | 404.3 | 407.9 | 429.8 | 438.9 | 455.3 | 464.4 | 477.1 | 473.5 | 471.7 | 480.8 |
| 67.5° | 344.2 | 356.9 | 358.7 | 367.9 | 384.2 | 391.5 | 402.5 | 426.1 | 437.1 | 440.7 | 444.3 |
| 70° | 302.3 | 309.6 | 315.0 | 318.7 | 329.6 | 331.4 | 351.5 | 367.9 | 384.2 | 402.5 | 407.9 |
| 72.5° | 260.4 | 265.9 | 276.8 | 273.2 | 276.8 | 284.1 | 295.0 | 305.9 | 322.3 | 347.8 | 364.2 |
| 75° | 213.1 | 216.7 | 224.0 | 227.6 | 234.9 | 240.4 | 247.7 | 256.8 | 271.3 | 284.1 | 305.9 |
| 77.5° | 171.2 | 173.0 | 178.5 | 180.3 | 187.6 | 193.0 | 205.8 | 211.2 | 220.3 | 229.5 | 242.2 |
| 80° | 138.4 | 138.4 | 140.2 | 140.2 | 145.7 | 151.1 | 160.3 | 165.7 | 176.6 | 183.9 | 183.9 |
| 82.5° | 105.6 | 105.6 | 111.1 | 111.1 | 114.7 | 114.7 | 120.2 | 120.2 | 125.7 | 129.3 | 132.9 |
| 85° | 74.7 | 76.5 | 80.1 | 78.3 | 81.9 | 80.1 | 83.8 | 87.4 | 89.2 | 87.4 | 85.6 |
| 87.5° | 49.2 | 49.2 | 52.8 | 51.0 | 52.8 | 52.8 | 56.5 | 56.5 | 58.3 | 58.3 | 56.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-86SL-RW-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

| | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° | 190° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 |
| 2.5° | 4081.0 | 4053.6 | 4037.3 | 4017.2 | 4011.8 | 4006.3 | 4013.6 | 4013.6 | 4002.7 | 3993.6 | 3977.2 |
| 5° | 4175.7 | 4146.5 | 4115.6 | 4082.8 | 4051.8 | 4019.0 | 4006.3 | 4004.5 | 3984.4 | 3973.5 | 3968.1 |
| 7.5° | 4224.8 | 4210.3 | 4175.7 | 4130.1 | 4082.8 | 4024.5 | 3999.0 | 3984.4 | 3964.4 | 3960.8 | 3960.8 |
| 10° | 4230.3 | 4213.9 | 4195.7 | 4162.9 | 4108.3 | 4031.8 | 3982.6 | 3953.5 | 3935.3 | 3948.0 | 3971.7 |
| 12.5° | 4177.5 | 4208.4 | 4192.0 | 4170.2 | 4126.5 | 4033.6 | 3962.6 | 3918.9 | 3913.4 | 3946.2 | 4008.1 |
| 15° | 4042.7 | 4133.8 | 4179.3 | 4157.4 | 4122.8 | 4030.0 | 3929.8 | 3878.8 | 3878.8 | 3946.2 | 4026.3 |
| 17.5° | 3940.7 | 4011.8 | 4122.8 | 4141.1 | 4101.0 | 4022.7 | 3898.9 | 3838.8 | 3855.2 | 3953.5 | 4039.1 |
| 20° | 3857.0 | 3900.7 | 4008.1 | 4110.1 | 4071.9 | 4006.3 | 3853.3 | 3791.4 | 3824.2 | 3942.6 | 4057.3 |
| 22.5° | 3725.9 | 3813.3 | 3878.8 | 4030.0 | 4042.7 | 3975.3 | 3807.8 | 3733.1 | 3798.7 | 3942.6 | 4048.2 |
| 25° | 3598.4 | 3704.0 | 3773.2 | 3920.7 | 3999.0 | 3937.1 | 3765.9 | 3671.2 | 3771.4 | 3937.1 | 4040.9 |
| 27.5° | 3509.2 | 3558.3 | 3684.0 | 3789.6 | 3933.5 | 3886.1 | 3709.5 | 3603.8 | 3736.8 | 3908.0 | 3999.0 |
| 30° | 3414.5 | 3447.2 | 3571.1 | 3671.2 | 3846.0 | 3827.8 | 3651.2 | 3529.2 | 3693.1 | 3880.6 | 3889.8 |
| 32.5° | 3310.7 | 3347.1 | 3410.8 | 3556.5 | 3724.0 | 3773.2 | 3585.6 | 3454.5 | 3645.7 | 3838.8 | 3762.3 |
| 35° | 3205.0 | 3232.4 | 3283.3 | 3440.0 | 3582.0 | 3691.3 | 3505.5 | 3368.9 | 3613.0 | 3775.0 | 3640.3 |
| 37.5° | 3099.4 | 3128.6 | 3172.3 | 3303.4 | 3432.7 | 3614.8 | 3436.3 | 3283.3 | 3552.9 | 3662.1 | 3512.8 |
| 40° | 2999.3 | 3015.7 | 3061.2 | 3143.1 | 3308.8 | 3536.5 | 3358.0 | 3194.1 | 3490.9 | 3518.3 | 3339.8 |
| 42.5° | 2815.3 | 2897.3 | 2939.2 | 3004.7 | 3168.6 | 3429.0 | 3267.0 | 3099.4 | 3421.7 | 3374.4 | 3166.8 |
| 45° | 2616.8 | 2795.3 | 2813.5 | 2879.1 | 3044.8 | 3314.3 | 3181.4 | 3006.5 | 3356.2 | 3250.6 | 3002.9 |
| 47.5° | 2454.8 | 2584.1 | 2689.7 | 2744.3 | 2897.3 | 3179.5 | 3101.2 | 2928.2 | 3257.9 | 3094.0 | 2842.7 |
| 50° | 2310.9 | 2380.1 | 2571.3 | 2611.4 | 2720.6 | 3017.5 | 3006.5 | 2837.2 | 3121.3 | 2897.3 | 2686.0 |
| 52.5° | 2170.7 | 2219.9 | 2392.9 | 2478.4 | 2567.7 | 2842.7 | 2893.6 | 2748.0 | 2971.9 | 2700.6 | 2527.6 |
| 55° | 2048.7 | 2065.1 | 2159.8 | 2340.0 | 2420.2 | 2666.0 | 2769.8 | 2644.2 | 2782.6 | 2513.0 | 2374.6 |
| 57.5° | 1923.0 | 1908.5 | 1977.7 | 2208.9 | 2267.2 | 2485.7 | 2638.7 | 2538.5 | 2629.6 | 2321.8 | 2216.2 |
| 60° | 1791.9 | 1771.9 | 1801.0 | 1954.0 | 2105.1 | 2307.3 | 2483.9 | 2422.0 | 2443.8 | 2132.4 | 2039.6 |
| 62.5° | 1655.3 | 1635.3 | 1626.2 | 1722.7 | 1946.7 | 2123.3 | 2327.3 | 2292.7 | 2216.2 | 1959.4 | 1821.0 |
| 65° | 1513.3 | 1493.3 | 1478.7 | 1516.9 | 1771.9 | 1884.8 | 2152.5 | 2143.4 | 1966.7 | 1777.3 | 1533.3 |
| 67.5° | 460.7 | 1358.5 | 1327.5 | 1325.7 | 1493.3 | 1668.1 | 1963.1 | 1948.5 | 1715.4 | 1582.5 | 1320.3 |
| 70° | 415.2 | 1101.7 | 1170.9 | 1154.5 | 1227.4 | 1447.7 | 1746.4 | 1735.5 | 1471.4 | 1269.3 | 1167.3 |
| 72.5° | 380.6 | 389.7 | 1034.4 | 1016.1 | 1032.5 | 1231.0 | 1520.6 | 1491.4 | 1247.4 | 1001.6 | 1008.9 |
| 75° | 326.0 | 342.4 | 356.9 | 857.7 | 835.9 | 1019.8 | 1274.7 | 1229.2 | 1028.9 | 826.8 | 843.1 |
| 77.5° | 265.9 | 285.9 | 296.8 | 624.6 | 675.6 | 726.6 | 1018.0 | 957.9 | 708.4 | 661.0 | 315.0 |
| 80° | 198.5 | 214.9 | 233.1 | 249.5 | 513.5 | 508.1 | 755.7 | 695.6 | 493.5 | 411.6 | 245.8 |
| 82.5° | 145.7 | 151.1 | 162.1 | 180.3 | 204.0 | 340.5 | 486.2 | 427.9 | 342.4 | 187.6 | 169.4 |
| 85° | 91.1 | 98.3 | 103.8 | 109.3 | 123.8 | 204.0 | 240.4 | 191.2 | 143.9 | 114.7 | 107.4 |
| 87.5° | 58.3 | 58.3 | 56.5 | 58.3 | 60.1 | 72.8 | 81.9 | 78.3 | 61.9 | 58.3 | 58.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-86SL-RW-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

| | 192.5° | 195° | 197.5° | 200° | 202.5° | 205° | 207.5° | 210° | 212.5° | 215° | 217.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 |
| 2.5° | 3959.0 | 3933.5 | 3933.5 | 3926.2 | 3931.6 | 3931.6 | 3929.8 | 3931.6 | 3944.4 | 3951.7 | 3964.4 |
| 5° | 3957.1 | 3949.8 | 3966.2 | 3986.3 | 4009.9 | 4039.1 | 4046.4 | 4071.9 | 4095.5 | 4126.5 | 4159.3 |
| 7.5° | 3980.8 | 4006.3 | 4037.3 | 4070.0 | 4117.4 | 4152.0 | 4182.9 | 4213.9 | 4235.8 | 4264.9 | 4283.1 |
| 10° | 4015.4 | 4066.4 | 4119.2 | 4161.1 | 4212.1 | 4241.2 | 4261.2 | 4264.9 | 4233.9 | 4184.8 | 4144.7 |
| 12.5° | 4064.6 | 4124.7 | 4173.8 | 4213.9 | 4237.6 | 4226.6 | 4168.4 | 4108.3 | 4073.7 | 4022.7 | 3951.7 |
| 15° | 4106.5 | 4161.1 | 4212.1 | 4195.7 | 4132.0 | 4071.9 | 4026.3 | 3955.3 | 3886.1 | 3838.8 | 3807.8 |
| 17.5° | 4124.7 | 4177.5 | 4159.3 | 4073.7 | 4013.6 | 3944.4 | 3851.5 | 3796.9 | 3751.4 | 3714.9 | 3696.7 |
| 20° | 4135.6 | 4126.5 | 4028.2 | 3966.2 | 3849.7 | 3786.0 | 3725.9 | 3674.9 | 3640.3 | 3622.1 | 3618.4 |
| 22.5° | 4106.5 | 3995.4 | 3911.6 | 3800.5 | 3714.9 | 3662.1 | 3614.8 | 3572.9 | 3549.2 | 3534.6 | 3525.5 |
| 25° | 4009.9 | 3880.6 | 3756.8 | 3669.4 | 3596.6 | 3551.0 | 3514.6 | 3480.0 | 3450.9 | 3443.6 | 3425.4 |
| 27.5° | 3875.2 | 3769.6 | 3605.7 | 3538.3 | 3474.6 | 3452.7 | 3412.6 | 3378.0 | 3352.5 | 3330.7 | 3272.4 |
| 30° | 3764.1 | 3596.6 | 3478.2 | 3416.3 | 3378.0 | 3352.5 | 3307.0 | 3270.6 | 3226.9 | 3146.8 | 3114.0 |
| 32.5° | 3627.5 | 3461.8 | 3348.9 | 3314.3 | 3267.0 | 3245.1 | 3194.1 | 3114.0 | 3046.6 | 3013.8 | 3012.0 |
| 35° | 3450.9 | 3314.3 | 3232.4 | 3201.4 | 3163.2 | 3126.7 | 3021.1 | 2948.3 | 2915.5 | 2919.1 | 2946.5 |
| 37.5° | 3303.4 | 3181.4 | 3128.6 | 3084.9 | 3041.1 | 2948.3 | 2859.0 | 2824.4 | 2833.5 | 2851.8 | 2864.5 |
| 40° | 3154.1 | 3061.2 | 3001.1 | 2966.5 | 2868.1 | 2777.1 | 2729.7 | 2742.5 | 2758.9 | 2771.6 | 2788.0 |
| 42.5° | 3008.4 | 2942.8 | 2882.7 | 2815.3 | 2680.6 | 2631.4 | 2642.3 | 2658.7 | 2673.3 | 2691.5 | 2707.9 |
| 45° | 2870.0 | 2811.7 | 2742.5 | 2589.5 | 2522.1 | 2534.9 | 2551.3 | 2564.0 | 2585.9 | 2598.6 | 2615.0 |
| 47.5° | 2738.9 | 2676.9 | 2554.9 | 2420.2 | 2412.9 | 2438.4 | 2452.9 | 2469.3 | 2485.7 | 2452.9 | 1353.0 |
| 50° | 2591.3 | 2527.6 | 2341.9 | 2290.9 | 2307.3 | 2330.9 | 2349.1 | 2365.5 | 2106.9 | 837.7 | 644.7 |
| 52.5° | 2445.7 | 2283.6 | 2165.2 | 2179.8 | 2196.2 | 2223.5 | 2236.2 | 1660.8 | 661.0 | 630.1 | 631.9 |
| 55° | 2283.6 | 2076.0 | 2041.4 | 2059.6 | 2074.2 | 2101.5 | 1393.1 | 610.1 | 606.4 | 604.6 | 619.2 |
| 57.5° | 2028.6 | 1903.0 | 1917.6 | 1935.8 | 1950.3 | 1376.7 | 593.7 | 590.0 | 591.8 | 593.7 | 595.5 |
| 60° | 1801.0 | 1773.7 | 1790.1 | 1806.5 | 1278.4 | 573.6 | 562.7 | 564.5 | 571.8 | 566.3 | 551.8 |
| 62.5° | 1620.7 | 1642.6 | 1659.0 | 1453.2 | 544.5 | 539.0 | 544.5 | 539.0 | 526.3 | 517.2 | 499.0 |
| 65° | 1482.3 | 1504.2 | 1516.9 | 511.7 | 509.9 | 517.2 | 511.7 | 493.5 | 473.5 | 448.0 | 442.5 |
| 67.5° | 1336.6 | 1358.5 | 486.2 | 473.5 | 480.8 | 471.7 | 449.8 | 427.9 | 413.4 | 391.5 | 382.4 |
| 70° | 1185.5 | 508.1 | 440.7 | 438.9 | 426.1 | 411.6 | 387.9 | 366.0 | 347.8 | 338.7 | 329.6 |
| 72.5° | 855.9 | 402.5 | 397.0 | 382.4 | 360.6 | 340.5 | 320.5 | 307.8 | 298.7 | 293.2 | 287.7 |
| 75° | 356.9 | 349.6 | 333.3 | 307.8 | 285.9 | 276.8 | 262.2 | 253.1 | 249.5 | 238.6 | 234.9 |
| 77.5° | 298.7 | 284.1 | 260.4 | 242.2 | 229.5 | 224.0 | 213.1 | 202.1 | 196.7 | 194.9 | 187.6 |
| 80° | 229.5 | 209.4 | 198.5 | 189.4 | 185.7 | 173.0 | 160.3 | 154.8 | 151.1 | 149.3 | 143.9 |
| 82.5° | 156.6 | 149.3 | 142.0 | 129.3 | 129.3 | 123.8 | 118.4 | 114.7 | 111.1 | 111.1 | 107.4 |
| 85° | 102.0 | 96.5 | 94.7 | 89.2 | 89.2 | 85.6 | 83.8 | 81.9 | 80.1 | 78.3 | 76.5 |
| 87.5° | 58.3 | 58.3 | 60.1 | 58.3 | 58.3 | 56.5 | 54.6 | 52.8 | 51.0 | 51.0 | 47.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-86SL-RW-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

| | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° | 245° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 |
| 2.5° | 3980.8 | 3999.0 | 4002.7 | 4064.6 | 4099.2 | 4097.4 | 4086.4 | 4119.2 | 4099.2 | 4088.2 | 4099.2 |
| 5° | 4192.0 | 4213.9 | 4232.1 | 4299.5 | 4323.2 | 4334.1 | 4332.3 | 4350.5 | 4335.9 | 4323.2 | 4323.2 |
| 7.5° | 4295.8 | 4303.1 | 4310.4 | 4294.0 | 4283.1 | 4264.9 | 4237.6 | 4197.5 | 4177.5 | 4155.6 | 4128.3 |
| 10° | 4124.7 | 4101.0 | 4110.1 | 4077.3 | 4050.0 | 4030.0 | 4004.5 | 3971.7 | 3944.4 | 3924.4 | 3893.4 |
| 12.5° | 3915.2 | 3913.4 | 3917.1 | 3922.5 | 3895.2 | 3878.8 | 3858.8 | 3835.1 | 3815.1 | 3793.2 | 3767.7 |
| 15° | 3787.8 | 3789.6 | 3804.2 | 3798.7 | 3789.6 | 3780.5 | 3758.6 | 3751.4 | 3733.1 | 3709.5 | 3694.9 |
| 17.5° | 3696.7 | 3705.8 | 3720.4 | 3713.1 | 3698.5 | 3689.4 | 3673.0 | 3656.7 | 3640.3 | 3622.1 | 3600.2 |
| 20° | 3616.6 | 3625.7 | 3634.8 | 3625.7 | 3598.4 | 3585.6 | 3563.8 | 3512.8 | 3476.4 | 3440.0 | 3407.2 |
| 22.5° | 3529.2 | 3534.6 | 3527.4 | 3498.2 | 3429.0 | 3396.2 | 3370.8 | 3356.2 | 3325.2 | 3305.2 | 3285.2 |
| 25° | 3419.9 | 3389.0 | 3341.6 | 3308.8 | 3281.5 | 3267.0 | 3256.0 | 3254.2 | 3250.6 | 3246.9 | 3237.8 |
| 27.5° | 3241.5 | 3230.5 | 3205.0 | 3192.3 | 3194.1 | 3199.6 | 3201.4 | 3206.9 | 3201.4 | 3194.1 | 3186.8 |
| 30° | 3108.5 | 3114.0 | 3115.8 | 3119.5 | 3128.6 | 3134.0 | 3135.8 | 3143.1 | 3139.5 | 3134.0 | 3130.4 |
| 32.5° | 3024.8 | 3037.5 | 3044.8 | 3055.7 | 3061.2 | 3070.3 | 3070.3 | 3081.2 | 3070.3 | 3068.5 | 3064.8 |
| 35° | 2955.6 | 2966.5 | 2970.1 | 2986.5 | 2992.0 | 3001.1 | 3001.1 | 3010.2 | 3001.1 | 2908.2 | 2296.3 |
| 37.5° | 2886.4 | 2897.3 | 2904.6 | 2919.1 | 2921.0 | 2926.4 | 2700.6 | 1975.8 | 1274.7 | 987.0 | 753.9 |
| 40° | 2804.4 | 2817.2 | 2824.4 | 2829.9 | 1988.6 | 1262.0 | 868.6 | 706.6 | 706.6 | 712.0 | 717.5 |
| 42.5° | 2717.0 | 2726.1 | 1899.4 | 1105.4 | 688.4 | 686.5 | 692.0 | 697.5 | 702.9 | 710.2 | 717.5 |
| 45° | 2136.1 | 1078.1 | 684.7 | 668.3 | 673.8 | 681.1 | 688.4 | 695.6 | 704.7 | 712.0 | 715.7 |
| 47.5° | 701.1 | 657.4 | 666.5 | 659.2 | 668.3 | 677.4 | 684.7 | 692.0 | 693.8 | 695.6 | 693.8 |
| 50° | 648.3 | 648.3 | 653.8 | 653.8 | 661.0 | 664.7 | 664.7 | 664.7 | 657.4 | 655.6 | 650.1 |
| 52.5° | 626.4 | 641.0 | 633.7 | 637.4 | 633.7 | 628.3 | 622.8 | 617.3 | 606.4 | 602.8 | 595.5 |
| 55° | 615.5 | 621.0 | 602.8 | 597.3 | 590.0 | 575.5 | 568.2 | 560.9 | 551.8 | 548.1 | 539.0 |
| 57.5° | 590.0 | 577.3 | 557.2 | 548.1 | 535.4 | 520.8 | 513.5 | 508.1 | 499.0 | 495.3 | 489.9 |
| 60° | 542.7 | 517.2 | 504.4 | 493.5 | 478.9 | 466.2 | 460.7 | 457.1 | 449.8 | 448.0 | 442.5 |
| 62.5° | 484.4 | 462.5 | 451.6 | 437.1 | 426.1 | 418.8 | 413.4 | 411.6 | 404.3 | 404.3 | 400.6 |
| 65° | 420.7 | 409.7 | 400.6 | 386.1 | 380.6 | 373.3 | 371.5 | 369.7 | 366.0 | 364.2 | 360.6 |
| 67.5° | 369.7 | 362.4 | 349.6 | 342.4 | 338.7 | 333.3 | 329.6 | 326.0 | 318.7 | 315.0 | 309.6 |
| 70° | 324.1 | 318.7 | 305.9 | 300.5 | 293.2 | 284.1 | 278.6 | 275.0 | 269.5 | 265.9 | 260.4 |
| 72.5° | 280.4 | 264.1 | 254.9 | 249.5 | 244.0 | 234.9 | 233.1 | 229.5 | 224.0 | 222.2 | 216.7 |
| 75° | 225.8 | 213.1 | 207.6 | 204.0 | 198.5 | 193.0 | 193.0 | 193.0 | 187.6 | 185.7 | 183.9 |
| 77.5° | 180.3 | 173.0 | 169.4 | 165.7 | 163.9 | 160.3 | 154.8 | 153.0 | 147.5 | 147.5 | 145.7 |
| 80° | 138.4 | 134.8 | 131.1 | 129.3 | 127.5 | 123.8 | 120.2 | 118.4 | 112.9 | 112.9 | 111.1 |
| 82.5° | 102.0 | 100.2 | 98.3 | 96.5 | 94.7 | 92.9 | 87.4 | 85.6 | 81.9 | 81.9 | 80.1 |
| 85° | 72.8 | 71.0 | 67.4 | 65.6 | 65.6 | 63.7 | 58.3 | 56.5 | 52.8 | 52.8 | 52.8 |
| 87.5° | 45.5 | 43.7 | 41.9 | 40.1 | 38.2 | 36.4 | 32.8 | 31.0 | 31.0 | 27.3 | 25.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-86SL-RW-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 262.5° | 265° | 267.5° | 270° | 272.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 |
| 2.5° | 4077.3 | 4108.3 | 4104.6 | 4126.5 | 4132.0 | 4142.9 | 4146.5 | 4148.3 | 4121.0 | 4142.9 | 4144.7 |
| 5° | 4317.7 | 4323.2 | 4326.8 | 4335.9 | 4345.0 | 4346.8 | 4337.7 | 4326.8 | 4330.4 | 4323.2 | 4305.0 |
| 7.5° | 4124.7 | 4097.4 | 4091.9 | 4084.6 | 4081.0 | 4077.3 | 4060.9 | 4075.5 | 4059.1 | 4051.8 | 4026.3 |
| 10° | 3887.9 | 3862.4 | 3860.6 | 3860.6 | 3866.1 | 3864.3 | 3860.6 | 3853.3 | 3867.9 | 3858.8 | 3853.3 |
| 12.5° | 3764.1 | 3755.0 | 3760.5 | 3756.8 | 3771.4 | 3775.0 | 3771.4 | 3771.4 | 3767.7 | 3760.5 | 3764.1 |
| 15° | 3689.4 | 3682.2 | 3687.6 | 3682.2 | 3693.1 | 3694.9 | 3685.8 | 3691.3 | 3682.2 | 3673.0 | 3669.4 |
| 17.5° | 3591.1 | 3574.7 | 3562.0 | 3543.8 | 3545.6 | 3541.9 | 3531.0 | 3531.0 | 3521.9 | 3498.2 | 3500.0 |
| 20° | 3401.7 | 3385.3 | 3378.0 | 3378.0 | 3387.1 | 3390.8 | 3389.0 | 3392.6 | 3383.5 | 3379.9 | 3365.3 |
| 22.5° | 3283.3 | 3281.5 | 3285.2 | 3294.3 | 3308.8 | 3328.9 | 3330.7 | 3330.7 | 3330.7 | 3328.9 | 3310.7 |
| 25° | 3241.5 | 3241.5 | 3245.1 | 3257.9 | 3268.8 | 3283.3 | 3287.0 | 3290.6 | 3287.0 | 3287.0 | 3270.6 |
| 27.5° | 3194.1 | 3190.5 | 3197.8 | 3210.5 | 3223.3 | 3234.2 | 3243.3 | 3245.1 | 3239.6 | 3239.6 | 3245.1 |
| 30° | 3135.8 | 3134.0 | 3143.1 | 3155.9 | 3166.8 | 3177.7 | 3186.8 | 3194.1 | 3186.8 | 3186.8 | 3181.4 |
| 32.5° | 3075.7 | 3075.7 | 3079.4 | 3002.9 | 2784.4 | 2507.6 | 2513.0 | 2352.8 | 2241.7 | 2101.5 | 2287.2 |
| 35° | 1919.4 | 1396.7 | 1200.1 | 1016.1 | 886.8 | 803.1 | 801.3 | 773.9 | 761.2 | 752.1 | 750.3 |
| 37.5° | 724.8 | 728.4 | 735.7 | 739.3 | 744.8 | 748.4 | 750.3 | 750.3 | 750.3 | 750.3 | 748.4 |
| 40° | 723.0 | 730.2 | 735.7 | 741.2 | 746.6 | 750.3 | 750.3 | 752.1 | 753.9 | 753.9 | 753.9 |
| 42.5° | 724.8 | 732.1 | 739.3 | 744.8 | 748.4 | 750.3 | 752.1 | 753.9 | 753.9 | 753.9 | 753.9 |
| 45° | 723.0 | 726.6 | 726.6 | 728.4 | 728.4 | 728.4 | 730.2 | 730.2 | 728.4 | 726.6 | 730.2 |
| 47.5° | 695.6 | 695.6 | 690.2 | 688.4 | 686.5 | 682.9 | 684.7 | 682.9 | 681.1 | 679.2 | 682.9 |
| 50° | 648.3 | 641.0 | 637.4 | 633.7 | 631.9 | 628.3 | 630.1 | 628.3 | 626.4 | 622.8 | 628.3 |
| 52.5° | 591.8 | 590.0 | 582.7 | 579.1 | 577.3 | 579.1 | 575.5 | 573.6 | 571.8 | 570.0 | 571.8 |
| 55° | 537.2 | 529.9 | 528.1 | 524.5 | 522.6 | 524.5 | 522.6 | 520.8 | 519.0 | 517.2 | 519.0 |
| 57.5° | 488.0 | 482.6 | 480.8 | 477.1 | 477.1 | 477.1 | 477.1 | 475.3 | 473.5 | 471.7 | 473.5 |
| 60° | 440.7 | 437.1 | 435.2 | 435.2 | 433.4 | 433.4 | 433.4 | 431.6 | 429.8 | 429.8 | 431.6 |
| 62.5° | 400.6 | 400.6 | 395.2 | 393.3 | 393.3 | 395.2 | 393.3 | 391.5 | 389.7 | 387.9 | 391.5 |
| 65° | 358.7 | 351.5 | 349.6 | 346.0 | 342.4 | 344.2 | 342.4 | 340.5 | 338.7 | 336.9 | 340.5 |
| 67.5° | 307.8 | 305.9 | 298.7 | 295.0 | 293.2 | 295.0 | 293.2 | 291.4 | 289.5 | 287.7 | 291.4 |
| 70° | 258.6 | 258.6 | 251.3 | 249.5 | 247.7 | 247.7 | 245.8 | 245.8 | 244.0 | 242.2 | 245.8 |
| 72.5° | 214.9 | 214.9 | 213.1 | 209.4 | 207.6 | 205.8 | 204.0 | 202.1 | 202.1 | 204.0 | 204.0 |
| 75° | 178.5 | 174.8 | 167.5 | 169.4 | 167.5 | 165.7 | 165.7 | 163.9 | 162.1 | 165.7 | 163.9 |
| 77.5° | 140.2 | 138.4 | 132.9 | 134.8 | 132.9 | 131.1 | 131.1 | 129.3 | 127.5 | 129.3 | 129.3 |
| 80° | 105.6 | 105.6 | 103.8 | 102.0 | 102.0 | 100.2 | 98.3 | 98.3 | 96.5 | 98.3 | 98.3 |
| 82.5° | 76.5 | 76.5 | 74.7 | 72.8 | 71.0 | 71.0 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| 85° | 49.2 | 47.3 | 47.3 | 43.7 | 43.7 | 43.7 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 |
| 87.5° | 23.7 | 23.7 | 21.9 | 21.9 | 20.0 | 18.2 | 18.2 | 16.4 | 16.4 | 18.2 | 18.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-86SL-RW-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

| | 275° | 277.5° | 280° | 282.5° | 285° | 287.5° | 290° | 292.5° | 295° | 297.5° | 300° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 |
| 2.5° | 4111.9 | 4135.6 | 4115.6 | 4124.7 | 4126.5 | 4157.4 | 4155.6 | 4162.9 | 4150.2 | 4135.6 | 4115.6 |
| 5° | 4321.3 | 4310.4 | 4295.8 | 4330.4 | 4312.2 | 4334.1 | 4341.4 | 4355.9 | 4355.9 | 4354.1 | 4337.7 |
| 7.5° | 4053.6 | 4030.0 | 4048.2 | 4060.9 | 4066.4 | 4051.8 | 4081.0 | 4113.7 | 4141.1 | 4157.4 | 4159.3 |
| 10° | 3844.2 | 3851.5 | 3849.7 | 3855.2 | 3867.9 | 3866.1 | 3884.3 | 3902.5 | 3909.8 | 3920.7 | 3924.4 |
| 12.5° | 3745.9 | 3744.1 | 3747.7 | 3760.5 | 3767.7 | 3765.9 | 3784.1 | 3795.1 | 3798.7 | 3800.5 | 3798.7 |
| 15° | 3667.6 | 3654.8 | 3663.9 | 3665.8 | 3671.2 | 3671.2 | 3693.1 | 3709.5 | 3716.8 | 3720.4 | 3716.8 |
| 17.5° | 3520.1 | 3489.1 | 3518.3 | 3518.3 | 3538.3 | 3534.6 | 3569.2 | 3596.6 | 3611.1 | 3622.1 | 3622.1 |
| 20° | 3374.4 | 3359.8 | 3370.8 | 3367.1 | 3381.7 | 3379.9 | 3401.7 | 3419.9 | 3432.7 | 3441.8 | 3452.7 |
| 22.5° | 3316.1 | 3319.8 | 3303.4 | 3305.2 | 3305.2 | 3303.4 | 3314.3 | 3323.4 | 3327.0 | 3332.5 | 3328.9 |
| 25° | 3277.9 | 3281.5 | 3276.1 | 3267.0 | 3263.3 | 3267.0 | 3272.4 | 3283.3 | 3285.2 | 3281.5 | 3268.8 |
| 27.5° | 3239.6 | 3228.7 | 3237.8 | 3221.4 | 3217.8 | 3225.1 | 3232.4 | 3234.2 | 3236.0 | 3236.0 | 3225.1 |
| 30° | 3181.4 | 3172.3 | 3181.4 | 3174.1 | 3166.8 | 3174.1 | 3179.5 | 3179.5 | 3183.2 | 3185.0 | 3172.3 |
| 32.5° | 2223.5 | 2241.7 | 2536.7 | 2715.2 | 2966.5 | 3094.0 | 3117.6 | 3117.6 | 3121.3 | 3121.3 | 3110.3 |
| 35° | 757.6 | 759.4 | 821.3 | 890.5 | 1038.0 | 1220.1 | 1458.7 | 1582.5 | 2001.3 | 2502.1 | 2986.5 |
| 37.5° | 748.4 | 746.6 | 744.8 | 743.0 | 741.2 | 739.3 | 735.7 | 733.9 | 744.8 | 883.2 | 1198.2 |
| 40° | 752.1 | 750.3 | 746.6 | 744.8 | 743.0 | 739.3 | 737.5 | 733.9 | 730.2 | 726.6 | 723.0 |
| 42.5° | 752.1 | 750.3 | 748.4 | 746.6 | 744.8 | 743.0 | 739.3 | 735.7 | 732.1 | 726.6 | 721.1 |
| 45° | 726.6 | 726.6 | 728.4 | 728.4 | 730.2 | 730.2 | 730.2 | 728.4 | 728.4 | 726.6 | 719.3 |
| 47.5° | 679.2 | 679.2 | 684.7 | 684.7 | 688.4 | 692.0 | 692.0 | 695.6 | 701.1 | 704.7 | 706.6 |
| 50° | 624.6 | 624.6 | 630.1 | 631.9 | 635.5 | 641.0 | 646.5 | 648.3 | 653.8 | 661.0 | 668.3 |
| 52.5° | 570.0 | 570.0 | 575.5 | 575.5 | 579.1 | 584.6 | 590.0 | 591.8 | 599.1 | 606.4 | 615.5 |
| 55° | 519.0 | 519.0 | 522.6 | 524.5 | 526.3 | 529.9 | 535.4 | 535.4 | 542.7 | 548.1 | 557.2 |
| 57.5° | 473.5 | 477.1 | 477.1 | 477.1 | 478.9 | 482.6 | 486.2 | 486.2 | 491.7 | 497.1 | 504.4 |
| 60° | 429.8 | 433.4 | 433.4 | 433.4 | 435.2 | 437.1 | 440.7 | 440.7 | 444.3 | 448.0 | 455.3 |
| 62.5° | 389.7 | 393.3 | 393.3 | 395.2 | 395.2 | 397.0 | 400.6 | 398.8 | 402.5 | 404.3 | 409.7 |
| 65° | 338.7 | 342.4 | 344.2 | 346.0 | 347.8 | 351.5 | 356.9 | 355.1 | 360.6 | 364.2 | 369.7 |
| 67.5° | 289.5 | 293.2 | 293.2 | 295.0 | 296.8 | 300.5 | 304.1 | 304.1 | 309.6 | 313.2 | 320.5 |
| 70° | 244.0 | 247.7 | 247.7 | 249.5 | 251.3 | 254.9 | 258.6 | 256.8 | 262.2 | 265.9 | 271.3 |
| 72.5° | 202.1 | 205.8 | 205.8 | 207.6 | 207.6 | 211.2 | 214.9 | 218.5 | 218.5 | 222.2 | 225.8 |
| 75° | 163.9 | 165.7 | 167.5 | 167.5 | 169.4 | 171.2 | 174.8 | 178.5 | 180.3 | 182.1 | 185.7 |
| 77.5° | 129.3 | 131.1 | 132.9 | 132.9 | 134.8 | 136.6 | 138.4 | 145.7 | 149.3 | 151.1 | 151.1 |
| 80° | 98.3 | 100.2 | 100.2 | 100.2 | 102.0 | 103.8 | 107.4 | 107.4 | 114.7 | 114.7 | 116.5 |
| 82.5° | 69.2 | 71.0 | 71.0 | 71.0 | 72.8 | 76.5 | 78.3 | 80.1 | 83.8 | 85.6 | 85.6 |
| 85° | 41.9 | 43.7 | 43.7 | 43.7 | 45.5 | 47.3 | 51.0 | 52.8 | 54.6 | 54.6 | 56.5 |
| 87.5° | 16.4 | 18.2 | 20.0 | 20.0 | 21.9 | 23.7 | 25.5 | 27.3 | 29.1 | 29.1 | 31.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-86SL-RW-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

| | 302.5° | 305° | 307.5° | 310° | 312.5° | 315° | 317.5° | 320° | 322.5° | 325° | 327.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 |
| 2.5° | 4093.7 | 4106.5 | 4093.7 | 4101.0 | 4110.1 | 4093.7 | 4055.5 | 4040.9 | 4035.4 | 4013.6 | 3999.0 |
| 5° | 4321.3 | 4321.3 | 4315.9 | 4330.4 | 4328.6 | 4303.1 | 4263.1 | 4244.9 | 4226.6 | 4203.0 | 4184.8 |
| 7.5° | 4159.3 | 4173.8 | 4182.9 | 4239.4 | 4275.8 | 4279.5 | 4305.0 | 4310.4 | 4317.7 | 4310.4 | 4299.5 |
| 10° | 3926.2 | 3920.7 | 3946.2 | 3999.0 | 4030.0 | 4046.4 | 4095.5 | 4119.2 | 4139.2 | 4179.3 | 4221.2 |
| 12.5° | 3795.1 | 3802.3 | 3813.3 | 3851.5 | 3880.6 | 3873.4 | 3893.4 | 3909.8 | 3933.5 | 3973.5 | 4033.6 |
| 15° | 3707.6 | 3714.9 | 3725.9 | 3755.0 | 3773.2 | 3764.1 | 3775.0 | 3786.0 | 3802.3 | 3822.4 | 3858.8 |
| 17.5° | 3613.0 | 3625.7 | 3638.4 | 3669.4 | 3685.8 | 3684.0 | 3693.1 | 3696.7 | 3702.2 | 3714.9 | 3740.4 |
| 20° | 3465.4 | 3505.5 | 3531.0 | 3572.9 | 3596.6 | 3592.9 | 3609.3 | 3614.8 | 3622.1 | 3634.8 | 3645.7 |
| 22.5° | 3330.7 | 3341.6 | 3354.4 | 3399.9 | 3440.0 | 3489.1 | 3500.0 | 3514.6 | 3532.8 | 3545.6 | 3556.5 |
| 25° | 3254.2 | 3246.9 | 3252.4 | 3283.3 | 3305.2 | 3308.8 | 3325.2 | 3372.6 | 3421.7 | 3443.6 | 3469.1 |
| 27.5° | 3208.7 | 3201.4 | 3199.6 | 3214.1 | 3217.8 | 3208.7 | 3205.0 | 3219.6 | 3256.0 | 3292.5 | 3368.9 |
| 30° | 3159.5 | 3150.4 | 3143.1 | 3155.9 | 3161.3 | 3148.6 | 3124.9 | 3112.2 | 3134.0 | 3143.1 | 3174.1 |
| 32.5° | 3101.2 | 3092.1 | 3088.5 | 3095.8 | 3099.4 | 3088.5 | 3063.0 | 3048.4 | 3044.8 | 3037.5 | 3044.8 |
| 35° | 3035.7 | 3026.6 | 3021.1 | 3022.9 | 3030.2 | 3021.1 | 2999.3 | 2981.1 | 2971.9 | 2951.9 | 2937.3 |
| 37.5° | 1564.3 | 2216.2 | 2877.3 | 2946.5 | 2953.7 | 2951.9 | 2930.1 | 2910.0 | 2900.9 | 2877.3 | 2870.0 |
| 40° | 715.7 | 799.4 | 1200.1 | 1567.9 | 2261.7 | 2873.6 | 2853.6 | 2833.5 | 2817.2 | 2809.9 | 2782.6 |
| 42.5° | 713.8 | 715.7 | 717.5 | 708.4 | 877.7 | 1495.1 | 2207.1 | 2755.2 | 2744.3 | 2726.1 | 2706.1 |
| 45° | 713.8 | 704.7 | 712.0 | 701.1 | 704.7 | 702.9 | 875.9 | 1413.1 | 2514.9 | 2627.8 | 2618.7 |
| 47.5° | 706.6 | 701.1 | 708.4 | 699.3 | 688.4 | 693.8 | 686.5 | 695.6 | 1085.3 | 1841.1 | 2522.1 |
| 50° | 673.8 | 677.4 | 690.2 | 688.4 | 679.2 | 686.5 | 673.8 | 684.7 | 675.6 | 741.2 | 1427.7 |
| 52.5° | 624.6 | 631.9 | 644.7 | 655.6 | 659.2 | 668.3 | 664.7 | 668.3 | 661.0 | 662.9 | 664.7 |
| 55° | 566.3 | 575.5 | 586.4 | 602.8 | 610.1 | 624.6 | 635.5 | 641.0 | 650.1 | 648.3 | 633.7 |
| 57.5° | 511.7 | 520.8 | 529.9 | 546.3 | 562.7 | 570.0 | 590.0 | 600.9 | 624.6 | 619.2 | 615.5 |
| 60° | 460.7 | 468.0 | 477.1 | 480.8 | 500.8 | 513.5 | 531.7 | 542.7 | 573.6 | 580.9 | 591.8 |
| 62.5° | 415.2 | 418.8 | 426.1 | 431.6 | 444.3 | 457.1 | 466.2 | 484.4 | 500.8 | 524.5 | 540.9 |
| 65° | 373.3 | 377.0 | 382.4 | 386.1 | 387.9 | 406.1 | 411.6 | 431.6 | 437.1 | 462.5 | 477.1 |
| 67.5° | 326.0 | 333.3 | 340.5 | 344.2 | 347.8 | 358.7 | 362.4 | 371.5 | 384.2 | 395.2 | 413.4 |
| 70° | 276.8 | 282.3 | 289.5 | 295.0 | 302.3 | 309.6 | 320.5 | 326.0 | 335.1 | 342.4 | 356.9 |
| 72.5° | 231.3 | 236.7 | 240.4 | 245.8 | 251.3 | 256.8 | 265.9 | 278.6 | 285.9 | 298.7 | 302.3 |
| 75° | 187.6 | 193.0 | 196.7 | 200.3 | 205.8 | 209.4 | 213.1 | 225.8 | 233.1 | 244.0 | 254.9 |
| 77.5° | 154.8 | 154.8 | 158.4 | 169.4 | 167.5 | 167.5 | 171.2 | 178.5 | 183.9 | 191.2 | 202.1 |
| 80° | 120.2 | 122.0 | 123.8 | 132.9 | 134.8 | 136.6 | 134.8 | 140.2 | 145.7 | 147.5 | 154.8 |
| 82.5° | 89.2 | 91.1 | 91.1 | 96.5 | 102.0 | 102.0 | 102.0 | 103.8 | 109.3 | 111.1 | 114.7 |
| 85° | 60.1 | 61.9 | 63.7 | 65.6 | 69.2 | 71.0 | 72.8 | 72.8 | 76.5 | 78.3 | 80.1 |
| 87.5° | 32.8 | 36.4 | 38.2 | 40.1 | 41.9 | 43.7 | 45.5 | 47.3 | 49.2 | 51.0 | 52.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-86SL-RW-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

| | 330° | 332.5° | 335° | 337.5° | 340° | 342.5° | 345° | 347.5° | 350° | 352.5° | 355° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 | 3973.5 |
| 2.5° | 3993.6 | 3984.4 | 3979.0 | 3964.4 | 3960.8 | 3937.1 | 3940.7 | 3937.1 | 3937.1 | 3942.6 | 3960.8 |
| 5° | 4164.7 | 4121.0 | 4110.1 | 4079.1 | 4053.6 | 4009.9 | 3982.6 | 3968.1 | 3946.2 | 3937.1 | 3949.8 |
| 7.5° | 4281.3 | 4248.5 | 4221.2 | 4193.9 | 4157.4 | 4106.5 | 4068.2 | 4024.5 | 3988.1 | 3953.5 | 3944.4 |
| 10° | 4261.2 | 4297.7 | 4297.7 | 4281.3 | 4246.7 | 4195.7 | 4150.2 | 4095.5 | 4031.8 | 3977.2 | 3944.4 |
| 12.5° | 4091.9 | 4155.6 | 4206.6 | 4244.9 | 4279.5 | 4244.9 | 4199.3 | 4155.6 | 4084.6 | 4004.5 | 3944.4 |
| 15° | 3906.1 | 3971.7 | 4035.4 | 4115.6 | 4199.3 | 4233.9 | 4232.1 | 4181.1 | 4117.4 | 4033.6 | 3949.8 |
| 17.5° | 3775.0 | 3820.6 | 3855.2 | 3942.6 | 4044.5 | 4133.8 | 4193.9 | 4197.5 | 4135.6 | 4060.9 | 3951.7 |
| 20° | 3676.7 | 3709.5 | 3738.6 | 3787.8 | 3877.0 | 3986.3 | 4097.4 | 4159.3 | 4148.3 | 4066.4 | 3957.1 |
| 22.5° | 3587.5 | 3611.1 | 3634.8 | 3671.2 | 3742.2 | 3813.3 | 3942.6 | 4070.0 | 4124.7 | 4057.3 | 3951.7 |
| 25° | 3498.2 | 3523.7 | 3541.9 | 3567.4 | 3623.9 | 3682.2 | 3773.2 | 3931.6 | 4053.6 | 4050.0 | 3940.7 |
| 27.5° | 3392.6 | 3427.2 | 3449.1 | 3483.7 | 3521.9 | 3565.6 | 3627.5 | 3776.8 | 3951.7 | 4013.6 | 3911.6 |
| 30° | 3265.1 | 3316.1 | 3348.9 | 3387.1 | 3419.9 | 3458.2 | 3507.3 | 3598.4 | 3815.1 | 3942.6 | 3880.6 |
| 32.5° | 3081.2 | 3172.3 | 3245.1 | 3281.5 | 3317.9 | 3350.7 | 3394.4 | 3470.9 | 3647.6 | 3846.0 | 3846.0 |
| 35° | 2950.1 | 2992.0 | 3057.5 | 3163.2 | 3208.7 | 3241.5 | 3281.5 | 3341.6 | 3454.5 | 3731.3 | 3789.6 |
| 37.5° | 2848.1 | 2864.5 | 2897.3 | 3001.1 | 3086.7 | 3139.5 | 3179.5 | 3217.8 | 3328.9 | 3574.7 | 3716.8 |
| 40° | 2771.6 | 2766.2 | 2762.5 | 2811.7 | 2933.7 | 3017.5 | 3063.0 | 3101.2 | 3186.8 | 3387.1 | 3620.2 |
| 42.5° | 2682.4 | 2676.9 | 2658.7 | 2671.5 | 2731.6 | 2871.8 | 2941.0 | 2982.9 | 3053.9 | 3190.5 | 3514.6 |
| 45° | 2589.5 | 2580.4 | 2573.1 | 2560.4 | 2582.2 | 2660.5 | 2802.6 | 2864.5 | 2904.6 | 3026.6 | 3381.7 |
| 47.5° | 2494.8 | 2482.1 | 2473.0 | 2462.1 | 2449.3 | 2485.7 | 2620.5 | 2731.6 | 2800.8 | 2877.3 | 3221.4 |
| 50° | 2360.1 | 2376.5 | 2365.5 | 2352.8 | 2341.9 | 2334.6 | 2391.0 | 2573.1 | 2658.7 | 2720.6 | 3026.6 |
| 52.5° | 1112.7 | 2163.4 | 2254.5 | 2241.7 | 2227.1 | 2214.4 | 2227.1 | 2365.5 | 2520.3 | 2569.5 | 2791.7 |
| 55° | 633.7 | 963.3 | 2005.0 | 2119.7 | 2106.9 | 2088.7 | 2077.8 | 2125.2 | 2356.4 | 2422.0 | 2576.8 |
| 57.5° | 610.1 | 611.9 | 885.0 | 1910.3 | 1981.3 | 1964.9 | 1952.2 | 1963.1 | 2159.8 | 2270.8 | 2389.2 |
| 60° | 590.0 | 590.0 | 590.0 | 845.0 | 1826.5 | 1832.0 | 1815.6 | 1797.4 | 1883.0 | 2101.5 | 2199.8 |
| 62.5° | 546.3 | 557.2 | 562.7 | 562.7 | 834.0 | 1691.8 | 1675.4 | 1669.9 | 1673.5 | 1897.5 | 2010.4 |
| 65° | 489.9 | 515.4 | 526.3 | 533.6 | 533.6 | 875.9 | 1531.5 | 1522.4 | 1509.6 | 1595.2 | 1819.2 |
| 67.5° | 427.9 | 453.4 | 477.1 | 491.7 | 493.5 | 509.9 | 914.2 | 1371.2 | 1353.0 | 1354.9 | 1615.3 |
| 70° | 364.2 | 386.1 | 411.6 | 433.4 | 453.4 | 462.5 | 477.1 | 1138.2 | 1198.2 | 1172.8 | 1384.0 |
| 72.5° | 315.0 | 324.1 | 342.4 | 364.2 | 387.9 | 409.7 | 422.5 | 453.4 | 1039.8 | 1012.5 | 1052.6 |
| 75° | 262.2 | 269.5 | 282.3 | 296.8 | 315.0 | 340.5 | 362.4 | 384.2 | 551.8 | 848.6 | 843.1 |
| 77.5° | 204.0 | 216.7 | 231.3 | 240.4 | 249.5 | 267.7 | 296.8 | 318.7 | 340.5 | 573.6 | 675.6 |
| 80° | 156.6 | 165.7 | 173.0 | 182.1 | 193.0 | 205.8 | 216.7 | 242.2 | 267.7 | 287.7 | 517.2 |
| 82.5° | 116.5 | 122.0 | 127.5 | 131.1 | 134.8 | 142.0 | 162.1 | 171.2 | 187.6 | 205.8 | 244.0 |
| 85° | 81.9 | 85.6 | 89.2 | 91.1 | 92.9 | 94.7 | 102.0 | 103.8 | 120.2 | 123.8 | 147.5 |
| 87.5° | 52.8 | 54.6 | 58.3 | 60.1 | 60.1 | 61.9 | 63.7 | 63.7 | 63.7 | 60.1 | 72.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-86SL-RW-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

| | 357.5° | 360° |
|-------|--------|--------|
| 0° | 3973.5 | 3973.5 |
| 2.5° | 3975.3 | 4004.5 |
| 5° | 3969.9 | 4008.1 |
| 7.5° | 3955.3 | 3991.7 |
| 10° | 3933.5 | 3977.2 |
| 12.5° | 3909.8 | 3951.7 |
| 15° | 3889.8 | 3920.7 |
| 17.5° | 3867.9 | 3886.1 |
| 20° | 3838.8 | 3853.3 |
| 22.5° | 3809.6 | 3802.3 |
| 25° | 3776.8 | 3760.5 |
| 27.5° | 3735.0 | 3704.0 |
| 30° | 3696.7 | 3642.1 |
| 32.5° | 3660.3 | 3571.1 |
| 35° | 3611.1 | 3498.2 |
| 37.5° | 3560.1 | 3423.6 |
| 40° | 3500.0 | 3338.0 |
| 42.5° | 3436.3 | 3252.4 |
| 45° | 3356.2 | 3170.4 |
| 47.5° | 3285.2 | 3072.1 |
| 50° | 3186.8 | 2966.5 |
| 52.5° | 3066.6 | 2868.1 |
| 55° | 2924.6 | 2748.0 |
| 57.5° | 2771.6 | 2622.3 |
| 60° | 2607.7 | 2478.4 |
| 62.5° | 2409.2 | 2329.1 |
| 65° | 2176.1 | 2157.9 |
| 67.5° | 1872.0 | 1968.6 |
| 70° | 1535.1 | 1751.8 |
| 72.5° | 1283.8 | 1522.4 |
| 75° | 1052.6 | 1265.6 |
| 77.5° | 834.0 | 992.5 |
| 80° | 520.8 | 726.6 |
| 82.5° | 349.6 | 477.1 |
| 85° | 211.2 | 227.6 |
| 87.5° | 81.9 | 83.8 |
| 90° | 0.0 | 0.0 |

(END OF REPORT)