

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-LD5-128SL-RM-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 (P33524)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 8SNLED-LD5-128SL-RM-UNV-L935-CD1-U
Description: 8FT LINEAR SNLED LED FIXTURE
METALIC FINISH REFLECTOR
Light Source: -
Ballast/Driver: -

Summary

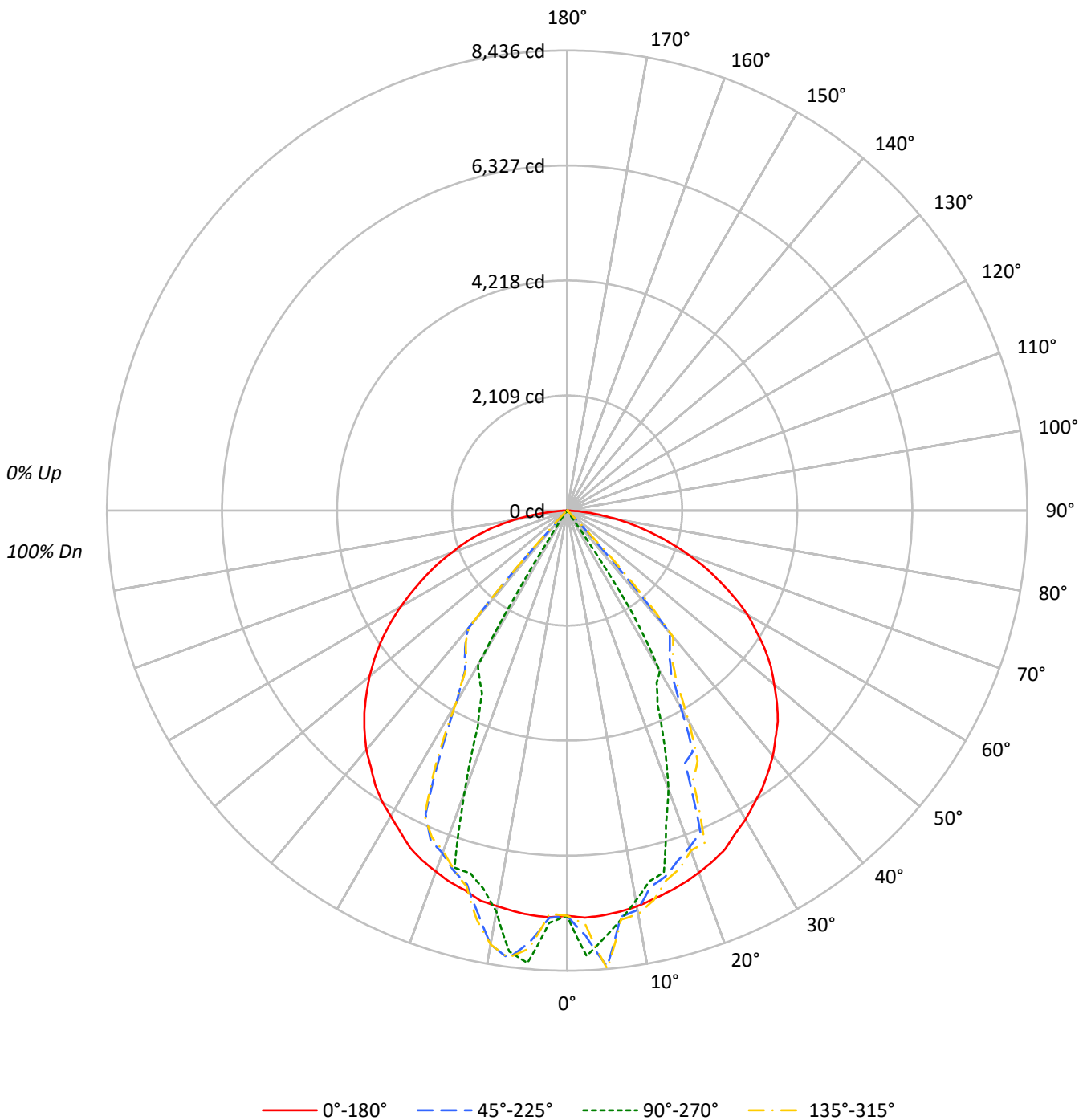
Lumens per Lamp: N/A
Luminaire Lumens: 10562.0 lumens
Efficiency: N/A
Efficacy: 102.5 lumens/watt
Spacing Criteria (0/90/45): 1.3 / 0.81 / 0.97
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 8' x H: 0.12')
CIE Type: Direct

Input Watts (W): 103
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-LD5-128SL-RM-UNV-L935-CD1-U

Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-128SL-RM-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 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1 | 112 | 108 | 105 | 103 | 109 | 106 | 103 | 101 | 102 | 100 | 98 | 98 | 96 | 95 | 95 | 93 | 92 | 90 |
| 2 | 105 | 98 | 93 | 89 | 102 | 97 | 92 | 88 | 93 | 89 | 86 | 90 | 87 | 84 | 87 | 85 | 82 | 81 |
| 3 | 98 | 90 | 83 | 78 | 95 | 88 | 82 | 78 | 85 | 80 | 76 | 83 | 79 | 75 | 80 | 77 | 74 | 72 |
| 4 | 91 | 82 | 75 | 70 | 89 | 81 | 74 | 69 | 78 | 73 | 69 | 76 | 72 | 68 | 74 | 70 | 67 | 65 |
| 5 | 85 | 75 | 68 | 63 | 84 | 74 | 68 | 63 | 72 | 66 | 62 | 71 | 65 | 61 | 69 | 64 | 61 | 59 |
| 6 | 80 | 69 | 62 | 57 | 79 | 69 | 62 | 57 | 67 | 61 | 56 | 65 | 60 | 56 | 64 | 59 | 55 | 54 |
| 7 | 75 | 64 | 57 | 52 | 74 | 64 | 57 | 52 | 62 | 56 | 52 | 61 | 55 | 51 | 60 | 55 | 51 | 49 |
| 8 | 71 | 60 | 53 | 48 | 70 | 59 | 52 | 48 | 58 | 52 | 47 | 57 | 51 | 47 | 56 | 51 | 47 | 45 |
| 9 | 67 | 56 | 49 | 44 | 66 | 55 | 49 | 44 | 54 | 48 | 44 | 53 | 48 | 44 | 52 | 47 | 44 | 42 |
| 10 | 63 | 52 | 45 | 41 | 62 | 52 | 45 | 41 | 51 | 45 | 41 | 50 | 44 | 41 | 49 | 44 | 40 | 39 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 30013 | 30013 | 30013 | 30013 |
| 5° | 30177 | 30868 | 30168 | 32689 |
| 10° | 30146 | 27932 | 30127 | 28738 |
| 15° | 30106 | 26071 | 30032 | 26139 |
| 20° | 30186 | 20535 | 30100 | 20788 |
| 25° | 30320 | 14861 | 30173 | 14024 |
| 30° | 30233 | 13036 | 29914 | 12532 |
| 35° | 30380 | 287 | 29934 | 348 |
| 40° | 30548 | 63 | 29816 | 63 |
| 45° | 30729 | 37 | 29575 | 28 |
| 50° | 30582 | 29 | 29178 | 29 |
| 55° | 30508 | 21 | 28633 | 21 |
| 60° | 30064 | 22 | 27714 | 22 |
| 65° | 28665 | 35 | 26623 | 24 |
| 70° | 26818 | 39 | 25530 | 39 |
| 75° | 24038 | 44 | 24434 | 44 |
| 80° | 20013 | 50 | 21156 | 50 |
| 85° | 12540 | 59 | 12803 | 59 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-128SL-RM-UNV-L935-CD1-U

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 745.2 | 7.1 |
| 10°-20° | 2032.7 | 19.2 |
| 20°-30° | 2586.6 | 24.5 |
| 30°-40° | 2185.0 | 20.7 |
| 40°-50° | 1428.5 | 13.5 |
| 50°-60° | 900.1 | 8.5 |
| 60°-70° | 479.2 | 4.5 |
| 70°-80° | 174.7 | 1.7 |
| 80°-90° | 30.0 | 0.3 |
| 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° | 5364.6 | 50.8 |
| 0°-40° | 7549.6 | 71.5 |
| 0°-60° | 9878.1 | 93.5 |
| 0°-90° | 10562.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 10562.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 7428 | 7428 | 7428 | 7428 | 7428 | |
| 5° | 7450 | 7860 | 7448 | 8324 | 7450 | 708 |
| 15° | 7227 | 6860 | 7210 | 6877 | 7227 | 2043 |
| 25° | 6851 | 3917 | 6817 | 3696 | 6851 | 3150 |
| 35° | 6226 | 74 | 6135 | 89 | 6226 | 3895 |
| 45° | 5462 | 9 | 5257 | 7 | 5462 | 4200 |
| 55° | 4427 | 4 | 4155 | 4 | 4427 | 3945 |
| 65° | 3099 | 7 | 2878 | 4 | 3099 | 3069 |
| 75° | 1630 | 7 | 1656 | 7 | 1630 | 1730 |
| 85° | 319 | 7 | 326 | 7 | 319 | 403 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-128SL-RM-UNV-L935-CD1-U

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 |
| 2.5° | 7470.3 | 7474.8 | 7477.0 | 7481.5 | 7488.2 | 7490.4 | 7494.9 | 7490.4 | 7490.4 | 7490.4 | 7490.4 |
| 5° | 7450.3 | 7459.2 | 7465.9 | 7474.8 | 7490.4 | 7492.6 | 7510.5 | 7512.7 | 7521.6 | 7539.5 | 7552.8 |
| 7.5° | 7416.8 | 7425.8 | 7439.1 | 7461.4 | 7483.7 | 7508.2 | 7539.5 | 7572.9 | 7619.7 | 7664.3 | 7720.0 |
| 10° | 7367.8 | 7378.9 | 7394.5 | 7414.6 | 7523.8 | 7539.5 | 7608.6 | 7704.4 | 7731.2 | 7871.6 | 7976.4 |
| 12.5° | 7296.5 | 7334.4 | 7374.5 | 7392.3 | 7497.1 | 7662.1 | 7893.9 | 7847.1 | 7795.8 | 8255.1 | 8248.4 |
| 15° | 7227.4 | 7278.6 | 7258.6 | 7403.5 | 7499.3 | 7786.9 | 7688.8 | 7898.4 | 8281.8 | 8188.2 | 8192.6 |
| 17.5° | 7153.8 | 7164.9 | 7276.4 | 7396.8 | 7568.4 | 7715.6 | 7835.9 | 8123.5 | 8199.3 | 8206.0 | 8123.5 |
| 20° | 7060.2 | 7113.7 | 7276.4 | 7385.6 | 7675.4 | 7744.5 | 8005.4 | 8152.5 | 8121.3 | 8045.5 | 7905.1 |
| 22.5° | 6964.3 | 7127.0 | 7292.0 | 7445.8 | 7648.7 | 7833.7 | 7963.0 | 8032.1 | 7869.4 | 7570.7 | 7410.2 |
| 25° | 6850.6 | 6946.5 | 7162.7 | 7387.9 | 7642.0 | 7749.0 | 7824.8 | 7713.3 | 7501.6 | 7234.0 | 6964.3 |
| 27.5° | 6674.5 | 6828.3 | 7104.7 | 7358.9 | 7588.5 | 7717.8 | 7595.2 | 7327.7 | 6986.6 | 6810.5 | 6687.9 |
| 30° | 6538.5 | 6739.1 | 6966.5 | 7211.7 | 7450.3 | 7526.1 | 7214.0 | 6908.6 | 6674.5 | 6498.4 | 6471.6 |
| 32.5° | 6373.5 | 6658.9 | 6875.1 | 7109.2 | 7309.8 | 7209.5 | 6906.3 | 6511.8 | 6317.8 | 6250.9 | 6277.7 |
| 35° | 6226.4 | 6442.6 | 6725.8 | 6955.4 | 7100.3 | 6875.1 | 6395.8 | 6150.6 | 6057.0 | 6094.9 | 6045.8 |
| 37.5° | 6050.3 | 6335.6 | 6596.5 | 6794.9 | 6745.8 | 6407.0 | 6001.2 | 5845.2 | 5856.3 | 5825.1 | 5731.5 |
| 40° | 5867.5 | 6139.5 | 6411.4 | 6598.7 | 6427.0 | 5909.8 | 5640.1 | 5606.7 | 5613.3 | 5513.0 | 5379.3 |
| 42.5° | 5653.5 | 5900.9 | 6172.9 | 6342.3 | 5972.3 | 5568.8 | 5386.0 | 5390.4 | 5332.5 | 5192.0 | 5120.7 |
| 45° | 5461.8 | 5689.1 | 5972.3 | 5987.9 | 5533.1 | 5196.5 | 5143.0 | 5085.0 | 4955.7 | 4908.9 | 4855.4 |
| 47.5° | 5216.5 | 5468.4 | 5702.5 | 5617.8 | 5102.8 | 4893.3 | 4853.2 | 4726.1 | 4661.4 | 4625.8 | 4581.2 |
| 50° | 4955.7 | 5209.8 | 5423.9 | 5183.1 | 4697.1 | 4648.1 | 4516.5 | 4416.2 | 4371.6 | 4333.7 | 4293.6 |
| 52.5° | 4708.3 | 4917.8 | 5136.3 | 4721.6 | 4385.0 | 4338.2 | 4188.8 | 4130.9 | 4086.3 | 4043.9 | 4035.0 |
| 55° | 4427.4 | 4612.4 | 4761.8 | 4282.5 | 4086.3 | 3977.1 | 3870.0 | 3829.9 | 3787.6 | 3767.5 | 3800.9 |
| 57.5° | 4108.6 | 4318.1 | 4295.8 | 3850.0 | 3763.0 | 3604.8 | 3564.6 | 3537.9 | 3506.7 | 3520.0 | 3241.4 |
| 60° | 3821.0 | 3981.5 | 3872.3 | 3533.4 | 3386.3 | 3279.3 | 3243.6 | 3225.8 | 3243.6 | 2971.6 | 2612.7 |
| 62.5° | 3466.5 | 3647.1 | 3426.4 | 3163.4 | 3007.3 | 2956.0 | 2924.8 | 2949.3 | 2688.5 | 2389.8 | 2302.9 |
| 65° | 3098.7 | 3294.9 | 2969.4 | 2766.5 | 2668.5 | 2623.9 | 2621.6 | 2414.3 | 2158.0 | 2042.0 | 2042.0 |
| 67.5° | 2744.3 | 2947.1 | 2528.0 | 2358.6 | 2320.7 | 2325.1 | 2195.8 | 1881.5 | 1810.2 | 1732.2 | 1507.0 |
| 70° | 2367.5 | 2545.8 | 2088.8 | 1986.3 | 1964.0 | 1948.4 | 1634.1 | 1549.4 | 1464.6 | 1257.3 | 1239.5 |
| 72.5° | 1993.0 | 2079.9 | 1678.7 | 1654.1 | 1649.7 | 1371.0 | 1308.6 | 1163.7 | 1065.6 | 1041.1 | 1029.9 |
| 75° | 1629.6 | 1602.9 | 1326.4 | 1348.7 | 1136.9 | 1038.8 | 938.5 | 853.8 | 840.4 | 831.5 | 207.3 |
| 77.5° | 1286.3 | 1152.5 | 1045.5 | 909.5 | 813.7 | 691.1 | 671.0 | 657.6 | 432.5 | 156.1 | 127.1 |
| 80° | 936.3 | 746.8 | 695.5 | 590.8 | 503.8 | 483.8 | 494.9 | 151.6 | 120.4 | 100.3 | 86.9 |
| 82.5° | 595.2 | 477.1 | 390.1 | 341.1 | 332.2 | 144.9 | 107.0 | 86.9 | 75.8 | 64.6 | 53.5 |
| 85° | 318.8 | 211.8 | 196.2 | 165.0 | 98.1 | 66.9 | 55.7 | 42.4 | 35.7 | 29.0 | 26.8 |
| 87.5° | 100.3 | 84.7 | 69.1 | 55.7 | 33.4 | 22.3 | 17.8 | 15.6 | 13.4 | 11.1 | 11.1 |
| 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-LD5-128SL-RM-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 11° | 12° | 13° | 14° | 15° | 16° | 17° | 18° | 19° | 20° | 25° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 |
| 2.5° | 7485.9 | 7490.4 | 7488.2 | 7494.9 | 7494.9 | 7503.8 | 7510.5 | 7517.2 | 7530.5 | 7537.2 | 7588.5 |
| 5° | 7581.8 | 7593.0 | 7626.4 | 7657.6 | 7695.5 | 7706.6 | 7771.3 | 7786.9 | 7862.7 | 7871.6 | 8121.3 |
| 7.5° | 7795.8 | 7838.2 | 7918.4 | 7998.7 | 8078.9 | 8130.2 | 8219.4 | 8275.1 | 8335.3 | 8388.8 | 8587.2 |
| 10° | 8054.4 | 8125.8 | 8203.8 | 8284.0 | 8330.9 | 8428.9 | 8482.4 | 8491.4 | 8475.8 | 8388.8 | 8067.8 |
| 12.5° | 8308.6 | 8379.9 | 8346.5 | 8362.1 | 8417.8 | 8243.9 | 8268.4 | 8143.6 | 8230.5 | 7800.3 | 7481.5 |
| 15° | 8272.9 | 8268.4 | 8185.9 | 7918.4 | 7963.0 | 7630.9 | 7497.1 | 7394.5 | 7477.0 | 7432.4 | 7383.4 |
| 17.5° | 8165.9 | 7963.0 | 7820.3 | 7499.3 | 7363.3 | 7269.7 | 7271.9 | 7274.2 | 7234.0 | 7276.4 | 7151.6 |
| 20° | 7713.3 | 7485.9 | 7274.2 | 7160.5 | 7120.3 | 7053.5 | 7086.9 | 7053.5 | 7055.7 | 7069.1 | 6877.4 |
| 22.5° | 7111.4 | 7042.3 | 6919.7 | 6955.4 | 6942.0 | 7002.2 | 6957.6 | 6888.5 | 6910.8 | 6810.5 | 6665.6 |
| 25° | 6868.4 | 6788.2 | 6783.7 | 6797.1 | 6777.0 | 6750.3 | 6710.2 | 6605.4 | 6598.7 | 6567.5 | 6500.6 |
| 27.5° | 6623.2 | 6627.7 | 6641.0 | 6600.9 | 6529.6 | 6476.1 | 6415.9 | 6364.6 | 6384.7 | 6349.0 | 6257.6 |
| 30° | 6453.8 | 6451.6 | 6371.3 | 6335.6 | 6204.1 | 6206.3 | 6190.7 | 6159.5 | 6139.5 | 6141.7 | 6083.7 |
| 32.5° | 6213.0 | 6143.9 | 6052.5 | 6007.9 | 5996.8 | 5956.7 | 5925.4 | 5932.1 | 5947.7 | 5892.0 | 5952.2 |
| 35° | 5965.6 | 5822.9 | 5809.5 | 5771.6 | 5736.0 | 5709.2 | 5720.4 | 5675.8 | 5673.5 | 5666.9 | 5176.4 |
| 37.5° | 5633.4 | 5564.3 | 5557.6 | 5517.5 | 5493.0 | 5486.3 | 5443.9 | 5450.6 | 5470.7 | 5506.3 | 4414.0 |
| 40° | 5359.2 | 5296.8 | 5281.2 | 5279.0 | 5225.5 | 5221.0 | 5232.1 | 5274.5 | 5303.5 | 5080.5 | 4206.7 |
| 42.5° | 5064.9 | 5069.4 | 5020.4 | 4989.1 | 4995.8 | 5015.9 | 5069.4 | 4922.3 | 4264.6 | 4064.0 | 3845.5 |
| 45° | 4813.0 | 4790.7 | 4764.0 | 4755.1 | 4813.0 | 4772.9 | 4184.4 | 3861.1 | 3783.1 | 3774.2 | 3161.1 |
| 47.5° | 4550.0 | 4543.3 | 4532.1 | 4538.8 | 4208.9 | 3751.9 | 3618.1 | 3575.8 | 3589.2 | 3580.2 | 2715.3 |
| 50° | 4284.7 | 4293.6 | 4293.6 | 3749.7 | 3442.0 | 3366.2 | 3377.4 | 3415.3 | 3179.0 | 2967.2 | 2530.2 |
| 52.5° | 4055.1 | 3986.0 | 3415.3 | 3219.1 | 3150.0 | 3183.4 | 3103.2 | 2806.7 | 2592.7 | 2467.8 | 2340.8 |
| 55° | 3629.3 | 3121.0 | 2993.9 | 2962.7 | 2987.2 | 2690.8 | 2507.9 | 2316.2 | 2260.5 | 2247.1 | 2173.6 |
| 57.5° | 2855.7 | 2753.2 | 2764.3 | 2639.5 | 2356.4 | 2189.2 | 2115.6 | 2088.8 | 2064.3 | 2046.5 | 178.3 |
| 60° | 2525.8 | 2554.8 | 2338.5 | 2071.0 | 1957.3 | 1935.0 | 1917.2 | 1892.7 | 1888.2 | 1857.0 | 113.7 |
| 62.5° | 2311.8 | 2033.1 | 1845.9 | 1779.0 | 1752.2 | 1745.5 | 1712.1 | 1700.9 | 1444.6 | 198.4 | 84.7 |
| 65° | 1743.3 | 1629.6 | 1593.9 | 1578.3 | 1549.4 | 1549.4 | 1286.3 | 202.9 | 165.0 | 142.7 | 75.8 |
| 67.5° | 1422.3 | 1413.4 | 1395.5 | 1375.5 | 936.3 | 196.2 | 171.7 | 149.4 | 129.3 | 113.7 | 66.9 |
| 70° | 1203.8 | 1199.4 | 1092.4 | 200.6 | 167.2 | 147.1 | 129.3 | 115.9 | 107.0 | 95.9 | 60.2 |
| 72.5° | 987.6 | 200.6 | 169.4 | 147.1 | 127.1 | 115.9 | 104.8 | 93.6 | 84.7 | 78.0 | 49.0 |
| 75° | 153.8 | 136.0 | 120.4 | 109.2 | 100.3 | 89.2 | 80.3 | 73.6 | 71.3 | 62.4 | 33.4 |
| 77.5° | 111.5 | 95.9 | 86.9 | 78.0 | 69.1 | 62.4 | 53.5 | 46.8 | 42.4 | 35.7 | 24.5 |
| 80° | 78.0 | 69.1 | 62.4 | 51.3 | 44.6 | 37.9 | 33.4 | 29.0 | 26.8 | 22.3 | 11.1 |
| 82.5° | 44.6 | 37.9 | 33.4 | 26.8 | 24.5 | 20.1 | 17.8 | 15.6 | 15.6 | 11.1 | 11.1 |
| 85° | 20.1 | 20.1 | 15.6 | 13.4 | 11.1 | 11.1 | 11.1 | 8.9 | 8.9 | 6.7 | 6.7 |
| 87.5° | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 4.5 |
| 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-LD5-128SL-RM-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 30° | 35° | 40° | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 |
| 2.5° | 7659.8 | 7688.8 | 7744.5 | 7802.5 | 7737.9 | 7969.7 | 7951.9 | 8029.9 | 8072.3 | 8092.3 | 8139.1 |
| 5° | 8342.0 | 8471.3 | 8513.7 | 8386.6 | 8313.0 | 8237.2 | 8065.6 | 7936.3 | 7951.9 | 7909.5 | 7755.7 |
| 7.5° | 8328.6 | 8052.2 | 7679.9 | 7510.5 | 7497.1 | 7477.0 | 7530.5 | 7561.7 | 7566.2 | 7564.0 | 7559.5 |
| 10° | 7624.2 | 7481.5 | 7457.0 | 7434.7 | 7443.6 | 7361.1 | 7323.2 | 7216.2 | 7274.2 | 7243.0 | 7254.1 |
| 12.5° | 7410.2 | 7376.7 | 7245.2 | 7062.4 | 7171.6 | 7089.1 | 7042.3 | 7073.5 | 7037.9 | 7004.4 | 6993.3 |
| 15° | 7283.1 | 7066.8 | 6993.3 | 6948.7 | 6917.5 | 6899.6 | 6915.3 | 6879.6 | 6868.4 | 6861.7 | 6877.4 |
| 17.5° | 7020.0 | 6933.1 | 6852.8 | 6734.7 | 6736.9 | 6730.2 | 6774.8 | 6841.7 | 6846.1 | 6502.8 | 6193.0 |
| 20° | 6812.7 | 6741.4 | 6638.8 | 6565.3 | 6665.6 | 6487.2 | 5798.4 | 5470.7 | 5419.4 | 5419.4 | 5428.3 |
| 22.5° | 6647.7 | 6489.5 | 6496.1 | 6380.2 | 5441.7 | 5250.0 | 5254.4 | 5274.5 | 5183.1 | 4871.0 | 4837.6 |
| 25° | 6422.6 | 6398.1 | 5909.8 | 5107.3 | 5114.0 | 4964.6 | 4735.0 | 4411.8 | 4061.8 | 4061.8 | 4003.8 |
| 27.5° | 6253.2 | 5733.7 | 5020.4 | 4986.9 | 4485.3 | 4168.8 | 3972.6 | 3676.1 | 3636.0 | 3598.1 | 3602.5 |
| 30° | 6108.2 | 4850.9 | 4868.8 | 4168.8 | 3798.7 | 3535.7 | 3520.0 | 3471.0 | 3446.5 | 3439.8 | 3415.3 |
| 32.5° | 4828.6 | 4723.9 | 4075.1 | 3549.0 | 3404.1 | 3361.8 | 3341.7 | 3286.0 | 3283.7 | 3241.4 | 2947.1 |
| 35° | 4527.7 | 4146.5 | 3410.8 | 3268.1 | 3225.8 | 3185.7 | 3152.2 | 2115.6 | 249.7 | 100.3 | 86.9 |
| 37.5° | 4184.4 | 3464.3 | 3154.4 | 3089.8 | 3049.7 | 2253.8 | 225.2 | 78.0 | 55.7 | 40.1 | 35.7 |
| 40° | 3546.8 | 3094.3 | 2996.2 | 2924.8 | 1206.0 | 78.0 | 49.0 | 37.9 | 22.3 | 20.1 | 17.8 |
| 42.5° | 2991.7 | 2915.9 | 2811.1 | 856.0 | 89.2 | 37.9 | 24.5 | 17.8 | 15.6 | 15.6 | 13.4 |
| 45° | 2800.0 | 2733.1 | 1132.5 | 84.7 | 55.7 | 17.8 | 15.6 | 15.6 | 13.4 | 8.9 | 8.9 |
| 47.5° | 2621.6 | 2307.3 | 102.5 | 53.5 | 35.7 | 15.6 | 13.4 | 8.9 | 8.9 | 8.9 | 6.7 |
| 50° | 2432.2 | 127.1 | 71.3 | 40.1 | 22.3 | 8.9 | 8.9 | 8.9 | 8.9 | 6.7 | 6.7 |
| 52.5° | 454.8 | 89.2 | 58.0 | 35.7 | 11.1 | 8.9 | 8.9 | 8.9 | 6.7 | 6.7 | 6.7 |
| 55° | 107.0 | 71.3 | 53.5 | 31.2 | 8.9 | 8.9 | 8.9 | 6.7 | 6.7 | 6.7 | 4.5 |
| 57.5° | 80.3 | 53.5 | 42.4 | 29.0 | 8.9 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 4.5 |
| 60° | 66.9 | 37.9 | 33.4 | 26.8 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 4.5 |
| 62.5° | 46.8 | 31.2 | 24.5 | 20.1 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 |
| 65° | 37.9 | 24.5 | 20.1 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 |
| 67.5° | 33.4 | 20.1 | 13.4 | 4.5 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 |
| 70° | 26.8 | 6.7 | 6.7 | 4.5 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 |
| 72.5° | 22.3 | 6.7 | 4.5 | 4.5 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 |
| 75° | 22.3 | 11.1 | 4.5 | 4.5 | 6.7 | 6.7 | 8.9 | 8.9 | 6.7 | 6.7 | 6.7 |
| 77.5° | 15.6 | 11.1 | 4.5 | 4.5 | 6.7 | 6.7 | 8.9 | 8.9 | 6.7 | 6.7 | 6.7 |
| 80° | 8.9 | 11.1 | 4.5 | 6.7 | 6.7 | 13.4 | 15.6 | 8.9 | 6.7 | 6.7 | 6.7 |
| 82.5° | 8.9 | 11.1 | 13.4 | 13.4 | 6.7 | 11.1 | 13.4 | 11.1 | 8.9 | 6.7 | 6.7 |
| 85° | 8.9 | 6.7 | 8.9 | 11.1 | 6.7 | 11.1 | 11.1 | 8.9 | 8.9 | 6.7 | 6.7 |
| 87.5° | 4.5 | 6.7 | 6.7 | 8.9 | 8.9 | 8.9 | 11.1 | 8.9 | 8.9 | 8.9 | 6.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-128SL-RM-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 85° | 90° | 95° | 100° | 105° | 110° | 115° | 120° | 125° | 130° | 135° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 |
| 2.5° | 8161.4 | 8170.3 | 8029.9 | 7980.9 | 8023.2 | 8014.3 | 7976.4 | 7835.9 | 7820.3 | 7726.7 | 7590.7 |
| 5° | 7800.3 | 7860.5 | 7786.9 | 7914.0 | 7853.8 | 7914.0 | 8096.8 | 8181.5 | 8319.7 | 8404.4 | 8435.6 |
| 7.5° | 7548.4 | 7561.7 | 7561.7 | 7572.9 | 7584.0 | 7586.3 | 7572.9 | 7564.0 | 7526.1 | 7479.3 | 7564.0 |
| 10° | 7243.0 | 7258.6 | 7285.3 | 7280.9 | 7278.6 | 7325.4 | 7336.6 | 7432.4 | 7428.0 | 7445.8 | 7510.5 |
| 12.5° | 7084.7 | 6964.3 | 7073.5 | 7044.6 | 7084.7 | 7022.3 | 7138.2 | 7118.1 | 7124.8 | 7178.3 | 7316.5 |
| 15° | 6821.6 | 6859.5 | 6886.3 | 6886.3 | 6901.9 | 6888.5 | 6875.1 | 6966.5 | 7022.3 | 7024.5 | 7015.6 |
| 17.5° | 6315.6 | 6028.0 | 6322.3 | 6246.5 | 6850.6 | 6866.2 | 6814.9 | 6772.6 | 6772.6 | 6806.0 | 6877.4 |
| 20° | 5421.6 | 5428.3 | 5430.5 | 5459.5 | 5495.2 | 5493.0 | 5495.2 | 6373.5 | 6790.4 | 6694.6 | 6629.9 |
| 22.5° | 4752.8 | 4670.4 | 4824.2 | 4813.0 | 5004.8 | 5216.5 | 5419.4 | 5399.3 | 5412.7 | 6032.5 | 6589.8 |
| 25° | 3809.9 | 3916.9 | 3829.9 | 3867.8 | 4084.1 | 4336.0 | 4492.0 | 4900.0 | 5343.6 | 5312.4 | 5457.3 |
| 27.5° | 3586.9 | 3557.9 | 3598.1 | 3598.1 | 3627.1 | 3660.5 | 3747.4 | 3977.1 | 4371.6 | 4786.3 | 5178.6 |
| 30° | 3375.1 | 3399.7 | 3404.1 | 3444.3 | 3466.5 | 3488.8 | 3502.2 | 3589.2 | 3678.3 | 3965.9 | 4449.7 |
| 32.5° | 2534.7 | 2222.6 | 2924.8 | 3114.3 | 3274.8 | 3312.7 | 3339.5 | 3375.1 | 3439.8 | 3482.1 | 3725.1 |
| 35° | 73.6 | 73.6 | 78.0 | 89.2 | 113.7 | 766.9 | 2920.4 | 3219.1 | 3261.4 | 3315.0 | 3359.5 |
| 37.5° | 35.7 | 26.8 | 31.2 | 33.4 | 40.1 | 55.7 | 80.3 | 249.7 | 2779.9 | 3143.3 | 3192.3 |
| 40° | 15.6 | 15.6 | 15.6 | 15.6 | 17.8 | 22.3 | 33.4 | 55.7 | 84.7 | 2236.0 | 3016.2 |
| 42.5° | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 15.6 | 20.1 | 40.1 | 95.9 | 1582.8 |
| 45° | 8.9 | 8.9 | 6.7 | 8.9 | 8.9 | 11.1 | 13.4 | 13.4 | 17.8 | 60.2 | 109.2 |
| 47.5° | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 11.1 | 13.4 | 40.1 | 58.0 |
| 50° | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 31.2 | 40.1 |
| 52.5° | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 13.4 | 35.7 |
| 55° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 6.7 | 6.7 | 8.9 | 31.2 |
| 57.5° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 6.7 | 4.5 | 4.5 | 6.7 | 6.7 | 29.0 |
| 60° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 26.8 |
| 62.5° | 6.7 | 6.7 | 4.5 | 6.7 | 4.5 | 4.5 | 6.7 | 6.7 | 6.7 | 6.7 | 17.8 |
| 65° | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 4.5 | 6.7 |
| 67.5° | 6.7 | 6.7 | 6.7 | 6.7 | 4.5 | 6.7 | 4.5 | 6.7 | 6.7 | 4.5 | 4.5 |
| 70° | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 4.5 | 4.5 | 4.5 | 4.5 |
| 72.5° | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 4.5 | 4.5 | 4.5 | 4.5 |
| 75° | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 8.9 | 8.9 | 4.5 | 4.5 | 4.5 |
| 77.5° | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 11.1 | 13.4 | 11.1 | 11.1 | 4.5 |
| 80° | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 11.1 | 11.1 | 11.1 | 11.1 | 15.6 |
| 82.5° | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 8.9 | 8.9 | 8.9 | 8.9 | 11.1 |
| 85° | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 8.9 | 8.9 | 8.9 | 6.7 | 8.9 |
| 87.5° | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 8.9 | 6.7 | 6.7 | 6.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-128SL-RM-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 140° | 145° | 150° | 155° | 160° | 161° | 162° | 163° | 164° | 165° | 166° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 |
| 2.5° | 7601.9 | 7526.1 | 7501.6 | 7450.3 | 7445.8 | 7450.3 | 7439.1 | 7423.5 | 7432.4 | 7416.8 | 7403.5 |
| 5° | 8453.5 | 8250.6 | 8119.1 | 7943.0 | 7700.0 | 7646.5 | 7633.1 | 7557.3 | 7530.5 | 7521.6 | 7485.9 |
| 7.5° | 7764.6 | 8134.7 | 8357.6 | 8433.4 | 8148.0 | 8081.2 | 8003.1 | 7940.7 | 7880.5 | 7766.8 | 7697.7 |
| 10° | 7459.2 | 7477.0 | 7691.0 | 7940.7 | 8346.5 | 8402.2 | 8444.5 | 8308.6 | 8270.7 | 7980.9 | 7918.4 |
| 12.5° | 7387.9 | 7390.1 | 7414.6 | 7566.2 | 7885.0 | 7920.7 | 8070.0 | 8150.3 | 8248.4 | 8304.1 | 8259.5 |
| 15° | 7062.4 | 7243.0 | 7376.7 | 7390.1 | 7419.1 | 7481.5 | 7526.1 | 7804.7 | 7922.9 | 8239.4 | 8221.6 |
| 17.5° | 6910.8 | 6968.8 | 7162.7 | 7321.0 | 7294.2 | 7271.9 | 7307.6 | 7345.5 | 7459.2 | 7775.8 | 7771.3 |
| 20° | 6658.9 | 6843.9 | 6948.7 | 7113.7 | 7263.0 | 7269.7 | 7229.6 | 7207.3 | 7162.7 | 7214.0 | 7260.8 |
| 22.5° | 6551.9 | 6580.9 | 6777.0 | 6893.0 | 7062.4 | 7122.6 | 7131.5 | 7133.7 | 7109.2 | 7082.4 | 7069.1 |
| 25° | 6540.7 | 6449.3 | 6549.6 | 6694.6 | 6819.4 | 6884.0 | 6957.6 | 6982.1 | 6973.2 | 6973.2 | 6959.8 |
| 27.5° | 5352.5 | 6420.4 | 6366.8 | 6462.7 | 6614.3 | 6658.9 | 6696.8 | 6772.6 | 6819.4 | 6852.8 | 6868.4 |
| 30° | 5098.4 | 5290.1 | 6224.2 | 6237.5 | 6391.4 | 6386.9 | 6429.3 | 6491.7 | 6551.9 | 6629.9 | 6650.0 |
| 32.5° | 4509.9 | 4980.2 | 5698.1 | 6012.4 | 6172.9 | 6188.5 | 6210.8 | 6228.6 | 6284.4 | 6371.3 | 6447.1 |
| 35° | 3613.7 | 4536.6 | 4882.1 | 5905.4 | 5934.4 | 5965.6 | 5979.0 | 6021.3 | 6039.1 | 6074.8 | 6141.7 |
| 37.5° | 3270.4 | 3749.7 | 4683.7 | 5107.3 | 5660.2 | 5686.9 | 5758.3 | 5776.1 | 5805.1 | 5834.0 | 5885.3 |
| 40° | 3072.0 | 3203.5 | 3899.0 | 4561.1 | 5439.5 | 5457.3 | 5481.8 | 5526.4 | 5528.6 | 5562.1 | 5608.9 |
| 42.5° | 2913.7 | 2998.4 | 3201.3 | 4356.0 | 5283.4 | 5281.2 | 5223.2 | 5252.2 | 5265.6 | 5301.2 | 5365.9 |
| 45° | 2327.4 | 2813.4 | 2942.7 | 3557.9 | 4206.7 | 4509.9 | 5091.7 | 4995.8 | 4993.6 | 5007.0 | 5076.1 |
| 47.5° | 118.2 | 2646.2 | 2737.6 | 2936.0 | 3972.6 | 3983.7 | 4059.5 | 4697.1 | 4795.2 | 4764.0 | 4770.7 |
| 50° | 80.3 | 182.8 | 2550.3 | 2641.7 | 3424.2 | 3700.6 | 3756.4 | 3785.3 | 4153.2 | 4563.4 | 4496.5 |
| 52.5° | 62.4 | 104.8 | 1562.7 | 2452.2 | 2782.2 | 2985.0 | 3343.9 | 3549.0 | 3571.3 | 3736.3 | 4295.8 |
| 55° | 55.7 | 80.3 | 169.4 | 2262.7 | 2365.3 | 2409.9 | 2619.4 | 2978.3 | 3268.1 | 3355.1 | 3361.8 |
| 57.5° | 49.0 | 73.6 | 115.9 | 1023.2 | 2151.3 | 2160.2 | 2195.8 | 2320.7 | 2581.5 | 2820.0 | 3089.8 |
| 60° | 44.6 | 64.6 | 91.4 | 176.1 | 1955.1 | 1977.4 | 1984.1 | 2017.5 | 2048.7 | 2211.5 | 2521.3 |
| 62.5° | 26.8 | 51.3 | 80.3 | 127.1 | 1547.1 | 1776.7 | 1774.5 | 1796.8 | 1825.8 | 1843.6 | 1906.0 |
| 65° | 22.3 | 40.1 | 69.1 | 107.0 | 189.5 | 236.3 | 1435.7 | 1596.2 | 1614.0 | 1638.5 | 1649.7 |
| 67.5° | 20.1 | 35.7 | 51.3 | 84.7 | 142.7 | 162.7 | 187.3 | 231.8 | 1266.2 | 1426.7 | 1449.0 |
| 70° | 17.8 | 24.5 | 42.4 | 71.3 | 115.9 | 124.8 | 140.4 | 160.5 | 189.5 | 234.1 | 1145.9 |
| 72.5° | 11.1 | 17.8 | 29.0 | 51.3 | 89.2 | 100.3 | 109.2 | 122.6 | 136.0 | 162.7 | 187.3 |
| 75° | 4.5 | 13.4 | 24.5 | 37.9 | 69.1 | 75.8 | 82.5 | 91.4 | 102.5 | 120.4 | 133.8 |
| 77.5° | 4.5 | 11.1 | 20.1 | 26.8 | 44.6 | 51.3 | 60.2 | 66.9 | 75.8 | 84.7 | 98.1 |
| 80° | 15.6 | 8.9 | 13.4 | 20.1 | 31.2 | 33.4 | 37.9 | 42.4 | 49.0 | 55.7 | 64.6 |
| 82.5° | 11.1 | 13.4 | 15.6 | 13.4 | 15.6 | 20.1 | 22.3 | 26.8 | 29.0 | 33.4 | 35.7 |
| 85° | 8.9 | 8.9 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 13.4 | 15.6 | 20.1 |
| 87.5° | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 8.9 | 8.9 |
| 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-LD5-128SL-RM-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 167° | 168° | 169° | 170° | 171° | 172° | 173° | 174° | 175° | 176° | 177° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 |
| 2.5° | 7403.5 | 7399.0 | 7385.6 | 7385.6 | 7383.4 | 7392.3 | 7399.0 | 7405.7 | 7403.5 | 7416.8 | 7403.5 |
| 5° | 7459.2 | 7448.1 | 7428.0 | 7410.2 | 7403.5 | 7407.9 | 7401.2 | 7407.9 | 7399.0 | 7410.2 | 7390.1 |
| 7.5° | 7613.0 | 7575.1 | 7497.1 | 7465.9 | 7425.8 | 7423.5 | 7403.5 | 7399.0 | 7385.6 | 7385.6 | 7361.1 |
| 10° | 7885.0 | 7702.2 | 7679.9 | 7586.3 | 7552.8 | 7390.1 | 7425.8 | 7365.6 | 7358.9 | 7329.9 | 7318.8 |
| 12.5° | 8107.9 | 7965.2 | 7922.9 | 7840.4 | 7746.8 | 7416.8 | 7490.4 | 7361.1 | 7354.4 | 7296.5 | 7236.3 |
| 15° | 8112.4 | 8194.9 | 8078.9 | 7851.6 | 7831.5 | 7604.1 | 7454.7 | 7410.2 | 7352.2 | 7178.3 | 7207.3 |
| 17.5° | 7851.6 | 8041.0 | 8096.8 | 8047.7 | 7905.1 | 7751.2 | 7541.7 | 7452.5 | 7278.6 | 7200.6 | 7147.1 |
| 20° | 7428.0 | 7619.7 | 7858.2 | 7873.8 | 7963.0 | 7853.8 | 7579.6 | 7434.7 | 7225.1 | 7089.1 | 7044.6 |
| 22.5° | 7091.4 | 7231.8 | 7506.0 | 7633.1 | 7742.3 | 7780.2 | 7606.3 | 7392.3 | 7131.5 | 7000.0 | 6973.2 |
| 25° | 6913.0 | 6944.2 | 7026.7 | 7176.1 | 7416.8 | 7590.7 | 7615.2 | 7387.9 | 7251.9 | 6964.3 | 6812.7 |
| 27.5° | 6848.4 | 6821.6 | 6788.2 | 6864.0 | 7044.6 | 7256.3 | 7396.8 | 7434.7 | 7095.8 | 6821.6 | 6670.0 |
| 30° | 6683.4 | 6699.0 | 6647.7 | 6621.0 | 6739.1 | 6957.6 | 7207.3 | 7269.7 | 7008.9 | 6725.8 | 6551.9 |
| 32.5° | 6480.5 | 6507.3 | 6516.2 | 6469.4 | 6444.9 | 6596.5 | 6866.2 | 7015.6 | 7002.2 | 6589.8 | 6395.8 |
| 35° | 6226.4 | 6302.2 | 6322.3 | 6324.5 | 6284.4 | 6259.8 | 6415.9 | 6725.8 | 6843.9 | 6527.4 | 6246.5 |
| 37.5° | 5958.9 | 5981.2 | 6090.4 | 6119.4 | 6119.4 | 6045.8 | 6161.8 | 6409.2 | 6574.2 | 6386.9 | 6063.7 |
| 40° | 5624.5 | 5695.8 | 5798.4 | 5849.7 | 5900.9 | 5907.6 | 5843.0 | 6016.8 | 6288.8 | 6242.0 | 5892.0 |
| 42.5° | 5381.5 | 5428.3 | 5490.7 | 5559.8 | 5664.6 | 5691.4 | 5624.5 | 5655.7 | 5938.8 | 6061.4 | 5669.1 |
| 45° | 5098.4 | 5160.8 | 5178.6 | 5254.4 | 5363.7 | 5441.7 | 5439.5 | 5374.8 | 5602.2 | 5753.8 | 5506.3 |
| 47.5° | 4808.6 | 4868.8 | 4900.0 | 4937.9 | 5018.1 | 5118.4 | 5174.2 | 5145.2 | 5189.8 | 5486.3 | 5290.1 |
| 50° | 4509.9 | 4543.3 | 4605.7 | 4648.1 | 4701.6 | 4759.5 | 4893.3 | 4920.0 | 4857.6 | 5093.9 | 5051.6 |
| 52.5° | 4226.7 | 4237.9 | 4280.2 | 4322.6 | 4393.9 | 4436.3 | 4543.3 | 4623.5 | 4619.1 | 4688.2 | 4786.3 |
| 55° | 4006.0 | 3957.0 | 3965.9 | 3999.3 | 4046.2 | 4110.8 | 4171.0 | 4295.8 | 4338.2 | 4351.6 | 4507.6 |
| 57.5° | 3129.9 | 3633.7 | 3678.3 | 3676.1 | 3731.8 | 3760.8 | 3816.5 | 3899.0 | 4050.6 | 4017.2 | 4191.1 |
| 60° | 2844.6 | 2900.3 | 3321.6 | 3370.7 | 3390.7 | 3417.5 | 3484.4 | 3560.2 | 3671.6 | 3743.0 | 3818.8 |
| 62.5° | 2169.1 | 2507.9 | 2635.0 | 3007.3 | 3065.3 | 3080.9 | 3125.5 | 3161.1 | 3277.1 | 3439.8 | 3408.6 |
| 65° | 1678.7 | 1823.6 | 2211.5 | 2363.0 | 2679.6 | 2719.7 | 2782.2 | 2820.0 | 2853.5 | 3040.7 | 3049.7 |
| 67.5° | 1451.3 | 1473.6 | 1578.3 | 1870.4 | 2071.0 | 2380.9 | 2418.8 | 2452.2 | 2503.5 | 2637.2 | 2719.7 |
| 70° | 1239.5 | 1266.2 | 1295.2 | 1319.7 | 1580.6 | 1785.7 | 2073.2 | 2084.4 | 2117.8 | 2207.0 | 2394.3 |
| 72.5° | 234.1 | 1058.9 | 1076.7 | 1092.4 | 1121.3 | 1257.3 | 1531.5 | 1754.4 | 1767.8 | 1810.2 | 1981.8 |
| 75° | 158.3 | 185.0 | 254.1 | 873.9 | 902.9 | 911.8 | 958.6 | 1237.3 | 1442.3 | 1451.3 | 1527.1 |
| 77.5° | 113.7 | 127.1 | 153.8 | 182.8 | 465.9 | 700.0 | 711.1 | 762.4 | 974.2 | 1128.0 | 1141.4 |
| 80° | 78.0 | 86.9 | 102.5 | 115.9 | 142.7 | 187.3 | 517.2 | 532.8 | 559.6 | 771.3 | 811.5 |
| 82.5° | 44.6 | 51.3 | 60.2 | 73.6 | 84.7 | 107.0 | 138.2 | 178.3 | 363.4 | 387.9 | 515.0 |
| 85° | 22.3 | 24.5 | 29.0 | 35.7 | 42.4 | 51.3 | 69.1 | 84.7 | 115.9 | 209.6 | 216.2 |
| 87.5° | 11.1 | 11.1 | 11.1 | 11.1 | 17.8 | 20.1 | 24.5 | 31.2 | 40.1 | 60.2 | 78.0 |
| 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-LD5-128SL-RM-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 178° | 179° | 180° | 181° | 182° | 183° | 184° | 185° | 186° | 187° | 188° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 |
| 2.5° | 7405.7 | 7436.9 | 7463.7 | 7470.3 | 7470.3 | 7474.8 | 7481.5 | 7485.9 | 7490.4 | 7494.9 | 7490.4 |
| 5° | 7392.3 | 7425.8 | 7448.1 | 7454.7 | 7454.7 | 7468.1 | 7479.3 | 7492.6 | 7499.3 | 7499.3 | 7494.9 |
| 7.5° | 7358.9 | 7383.4 | 7412.4 | 7430.2 | 7432.4 | 7454.7 | 7474.8 | 7472.6 | 7481.5 | 7485.9 | 7497.1 |
| 10° | 7314.3 | 7314.3 | 7363.3 | 7376.7 | 7387.9 | 7412.4 | 7419.1 | 7432.4 | 7463.7 | 7468.1 | 7497.1 |
| 12.5° | 7292.0 | 7269.7 | 7327.7 | 7334.4 | 7372.3 | 7341.0 | 7381.2 | 7394.5 | 7363.3 | 7405.7 | 7350.0 |
| 15° | 7191.7 | 7218.4 | 7209.5 | 7229.6 | 7296.5 | 7260.8 | 7370.0 | 7334.4 | 7414.6 | 7318.8 | 7488.2 |
| 17.5° | 7109.2 | 7104.7 | 7140.4 | 7158.2 | 7171.6 | 7247.4 | 7276.4 | 7316.5 | 7347.7 | 7321.0 | 7387.9 |
| 20° | 7049.0 | 7013.3 | 7040.1 | 7060.2 | 7107.0 | 7164.9 | 7182.8 | 7122.6 | 7227.4 | 7405.7 | 7448.1 |
| 22.5° | 6935.3 | 6910.8 | 6942.0 | 6942.0 | 7013.3 | 7004.4 | 7071.3 | 7033.4 | 7131.5 | 7338.8 | 7555.1 |
| 25° | 6781.5 | 6783.7 | 6817.2 | 6857.3 | 6870.7 | 6971.0 | 7006.7 | 7055.7 | 7178.3 | 7425.8 | 7557.3 |
| 27.5° | 6625.4 | 6612.1 | 6632.1 | 6714.6 | 6783.7 | 6857.3 | 6868.4 | 7035.6 | 7202.8 | 7372.3 | 7488.2 |
| 30° | 6469.4 | 6456.0 | 6469.4 | 6529.6 | 6612.1 | 6661.1 | 6783.7 | 7006.7 | 7162.7 | 7278.6 | 7387.9 |
| 32.5° | 6302.2 | 6288.8 | 6320.0 | 6364.6 | 6509.5 | 6516.2 | 6759.2 | 6968.8 | 7091.4 | 7176.1 | 7156.0 |
| 35° | 6123.9 | 6106.0 | 6135.0 | 6204.1 | 6337.9 | 6386.9 | 6641.0 | 6797.1 | 6935.3 | 6975.4 | 6881.8 |
| 37.5° | 5909.8 | 5878.6 | 5914.3 | 6010.2 | 6150.6 | 6293.3 | 6505.1 | 6685.6 | 6759.2 | 6652.2 | 6540.7 |
| 40° | 5686.9 | 5664.6 | 5727.0 | 5776.1 | 5941.1 | 6139.5 | 6382.5 | 6509.5 | 6462.7 | 6340.1 | 6217.5 |
| 42.5° | 5488.5 | 5441.7 | 5497.4 | 5591.1 | 5778.3 | 6003.5 | 6199.7 | 6271.0 | 6159.5 | 5979.0 | 5836.3 |
| 45° | 5245.5 | 5189.8 | 5256.7 | 5381.5 | 5582.1 | 5838.5 | 5992.3 | 5967.8 | 5778.3 | 5622.3 | 5426.1 |
| 47.5° | 4991.4 | 4924.5 | 4991.4 | 5140.7 | 5365.9 | 5637.9 | 5749.3 | 5637.9 | 5399.3 | 5203.2 | 5044.9 |
| 50° | 4741.7 | 4663.7 | 4728.3 | 4953.5 | 5174.2 | 5383.7 | 5381.5 | 5165.3 | 5022.6 | 4808.6 | 4670.4 |
| 52.5° | 4494.2 | 4382.8 | 4447.4 | 4692.7 | 4913.4 | 5151.9 | 4975.8 | 4775.1 | 4603.5 | 4416.2 | 4371.6 |
| 55° | 4188.8 | 4068.5 | 4155.4 | 4512.1 | 4681.5 | 4822.0 | 4541.1 | 4364.9 | 4195.5 | 4101.9 | 4046.2 |
| 57.5° | 3899.0 | 3767.5 | 3843.3 | 4264.6 | 4389.5 | 4425.1 | 4166.5 | 3916.9 | 3816.5 | 3785.3 | 3705.1 |
| 60° | 3600.3 | 3450.9 | 3522.3 | 4008.3 | 4095.2 | 3950.3 | 3696.2 | 3502.2 | 3482.1 | 3419.7 | 3357.3 |
| 62.5° | 3315.0 | 3150.0 | 3194.6 | 3689.5 | 3729.6 | 3466.5 | 3232.5 | 3181.2 | 3132.1 | 3069.7 | 3036.3 |
| 65° | 2987.2 | 2815.6 | 2878.0 | 3350.6 | 3312.7 | 2973.9 | 2842.3 | 2831.2 | 2766.5 | 2715.3 | 2764.3 |
| 67.5° | 2686.3 | 2483.4 | 2570.4 | 2980.6 | 2808.9 | 2532.5 | 2479.0 | 2452.2 | 2400.9 | 2429.9 | 1915.0 |
| 70° | 2356.4 | 2135.7 | 2253.8 | 2581.5 | 2327.4 | 2144.6 | 2124.5 | 2084.4 | 2086.6 | 1658.6 | 1397.8 |
| 72.5° | 1988.5 | 1796.8 | 1968.5 | 2144.6 | 1841.4 | 1787.9 | 1758.9 | 1754.4 | 1415.6 | 1150.3 | 1085.7 |
| 75° | 1665.3 | 1471.3 | 1656.4 | 1723.2 | 1466.9 | 1431.2 | 1429.0 | 1181.5 | 929.6 | 887.3 | 867.2 |
| 77.5° | 1299.7 | 1150.3 | 1326.4 | 1226.1 | 1125.8 | 1085.7 | 974.2 | 731.2 | 700.0 | 671.0 | 251.9 |
| 80° | 876.1 | 887.3 | 989.8 | 844.9 | 802.5 | 684.4 | 539.5 | 517.2 | 445.9 | 178.3 | 140.4 |
| 82.5° | 532.8 | 668.8 | 630.9 | 528.3 | 517.2 | 372.3 | 341.1 | 173.9 | 129.3 | 102.5 | 89.2 |
| 85° | 276.4 | 338.9 | 325.5 | 287.6 | 214.0 | 191.7 | 107.0 | 82.5 | 66.9 | 51.3 | 42.4 |
| 87.5° | 93.6 | 124.8 | 120.4 | 95.9 | 73.6 | 58.0 | 37.9 | 31.2 | 22.3 | 17.8 | 15.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-128SL-RM-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 189° | 190° | 191° | 192° | 193° | 194° | 195° | 196° | 197° | 198° | 199° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 |
| 2.5° | 7485.9 | 7485.9 | 7481.5 | 7485.9 | 7488.2 | 7483.7 | 7483.7 | 7488.2 | 7490.4 | 7492.6 | 7503.8 |
| 5° | 7497.1 | 7501.6 | 7508.2 | 7521.6 | 7523.8 | 7550.6 | 7561.7 | 7568.4 | 7575.1 | 7577.4 | 7561.7 |
| 7.5° | 7521.6 | 7537.2 | 7550.6 | 7548.4 | 7532.8 | 7490.4 | 7477.0 | 7465.9 | 7485.9 | 7537.2 | 7597.4 |
| 10° | 7543.9 | 7472.6 | 7338.8 | 7521.6 | 7465.9 | 7517.2 | 7668.8 | 7702.2 | 7804.7 | 7949.6 | 7992.0 |
| 12.5° | 7390.1 | 7586.3 | 7628.6 | 7423.5 | 7802.5 | 7662.1 | 7829.3 | 7976.4 | 8018.7 | 8165.9 | 8076.7 |
| 15° | 7555.1 | 7650.9 | 7715.6 | 7920.7 | 7898.4 | 8018.7 | 8065.6 | 8036.6 | 8043.3 | 8081.2 | 8181.5 |
| 17.5° | 7552.8 | 7744.5 | 7786.9 | 7925.1 | 8018.7 | 8021.0 | 8007.6 | 7994.2 | 8029.9 | 8058.9 | 7998.7 |
| 20° | 7682.1 | 7744.5 | 7827.0 | 7882.8 | 7900.6 | 7922.9 | 7965.2 | 7931.8 | 7864.9 | 7800.3 | 7773.5 |
| 22.5° | 7617.5 | 7757.9 | 7829.3 | 7838.2 | 7827.0 | 7757.9 | 7695.5 | 7601.9 | 7570.7 | 7537.2 | 7548.4 |
| 25° | 7630.9 | 7695.5 | 7686.6 | 7650.9 | 7604.1 | 7474.8 | 7443.6 | 7403.5 | 7343.3 | 7198.4 | 7066.8 |
| 27.5° | 7535.0 | 7501.6 | 7461.4 | 7374.5 | 7289.8 | 7220.7 | 7142.6 | 7013.3 | 6906.3 | 6750.3 | 6692.3 |
| 30° | 7374.5 | 7240.7 | 7142.6 | 7091.4 | 7008.9 | 6893.0 | 6774.8 | 6616.5 | 6480.5 | 6449.3 | 6420.4 |
| 32.5° | 7066.8 | 6935.3 | 6855.1 | 6730.2 | 6589.8 | 6451.6 | 6315.6 | 6253.2 | 6224.2 | 6228.6 | 6201.9 |
| 35° | 6752.5 | 6636.6 | 6516.2 | 6328.9 | 6224.2 | 6086.0 | 6036.9 | 6023.5 | 5996.8 | 5967.8 | 5936.6 |
| 37.5° | 6418.1 | 6282.1 | 6101.6 | 5990.1 | 5885.3 | 5829.6 | 5805.1 | 5785.0 | 5738.2 | 5686.9 | 5651.2 |
| 40° | 6094.9 | 5849.7 | 5749.3 | 5640.1 | 5608.9 | 5584.4 | 5548.7 | 5499.7 | 5435.0 | 5426.1 | 5410.5 |
| 42.5° | 5662.4 | 5486.3 | 5399.3 | 5377.0 | 5339.1 | 5296.8 | 5265.6 | 5212.1 | 5185.3 | 5203.2 | 5216.5 |
| 45° | 5252.2 | 5163.0 | 5134.1 | 5107.3 | 5036.0 | 4975.8 | 4955.7 | 4937.9 | 4960.2 | 5058.3 | 4824.2 |
| 47.5° | 4920.0 | 4884.4 | 4848.7 | 4804.1 | 4737.2 | 4692.7 | 4712.7 | 4730.5 | 4750.6 | 4030.6 | 3678.3 |
| 50° | 4632.5 | 4583.4 | 4527.7 | 4478.6 | 4438.5 | 4434.1 | 4538.8 | 4224.5 | 3537.9 | 3520.0 | 3163.4 |
| 52.5° | 4318.1 | 4244.6 | 4211.1 | 4182.1 | 4200.0 | 4266.9 | 3531.2 | 3277.1 | 3143.3 | 2730.9 | 2548.1 |
| 55° | 3979.3 | 3914.6 | 3914.6 | 3941.4 | 3845.5 | 3116.5 | 3078.6 | 2661.8 | 2409.9 | 2338.5 | 2309.5 |
| 57.5° | 3640.4 | 3633.7 | 3671.6 | 3357.3 | 2829.0 | 2713.0 | 2280.6 | 2189.2 | 2149.0 | 2140.1 | 2093.3 |
| 60° | 3330.6 | 3393.0 | 2840.1 | 2612.7 | 2271.6 | 2048.7 | 1986.3 | 1975.1 | 1932.8 | 1917.2 | 1874.8 |
| 62.5° | 3083.1 | 2557.0 | 2380.9 | 1943.9 | 1830.2 | 1801.3 | 1767.8 | 1752.2 | 1714.3 | 1513.7 | 443.6 |
| 65° | 2227.1 | 2104.4 | 1707.6 | 1634.1 | 1625.2 | 1582.8 | 1569.4 | 1411.1 | 332.2 | 222.9 | 189.5 |
| 67.5° | 1680.9 | 1491.4 | 1440.1 | 1426.7 | 1384.4 | 1299.7 | 385.7 | 220.7 | 189.5 | 165.0 | 144.9 |
| 70° | 1290.8 | 1257.3 | 1219.4 | 1188.2 | 350.0 | 218.5 | 189.5 | 160.5 | 138.2 | 122.6 | 111.5 |
| 72.5° | 1056.7 | 1034.4 | 601.9 | 229.6 | 187.3 | 158.3 | 140.4 | 122.6 | 107.0 | 98.1 | 89.2 |
| 75° | 827.1 | 229.6 | 189.5 | 158.3 | 136.0 | 115.9 | 102.5 | 91.4 | 82.5 | 75.8 | 69.1 |
| 77.5° | 187.3 | 151.6 | 129.3 | 109.2 | 98.1 | 86.9 | 78.0 | 66.9 | 60.2 | 53.5 | 44.6 |
| 80° | 115.9 | 100.3 | 84.7 | 78.0 | 66.9 | 55.7 | 49.0 | 44.6 | 35.7 | 33.4 | 29.0 |
| 82.5° | 75.8 | 60.2 | 53.5 | 44.6 | 35.7 | 33.4 | 29.0 | 22.3 | 20.1 | 17.8 | 15.6 |
| 85° | 33.4 | 29.0 | 24.5 | 20.1 | 15.6 | 13.4 | 11.1 | 8.9 | 8.9 | 8.9 | 8.9 |
| 87.5° | 11.1 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 4.5 | 4.5 |
| 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-LD5-128SL-RM-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 200° | 205° | 210° | 215° | 220° | 225° | 230° | 235° | 240° | 245° | 250° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 |
| 2.5° | 7508.2 | 7548.4 | 7586.3 | 7575.1 | 7535.0 | 7472.6 | 7454.7 | 7430.2 | 7448.1 | 7485.9 | 7501.6 |
| 5° | 7561.7 | 7539.5 | 7619.7 | 7737.9 | 7929.6 | 7947.4 | 8081.2 | 8112.4 | 8219.4 | 8286.3 | 8284.0 |
| 7.5° | 7637.5 | 7954.1 | 8085.6 | 8228.3 | 8293.0 | 8277.3 | 8297.4 | 8281.8 | 8257.3 | 8246.1 | 8232.8 |
| 10° | 8023.2 | 8264.0 | 8313.0 | 8313.0 | 8212.7 | 8076.7 | 8018.7 | 7918.4 | 7717.8 | 7722.3 | 7688.8 |
| 12.5° | 8248.4 | 8333.1 | 8217.2 | 8119.1 | 7715.6 | 7559.5 | 7390.1 | 7309.8 | 7263.0 | 7191.7 | 7218.4 |
| 15° | 8130.2 | 8009.8 | 7940.7 | 7624.2 | 7376.7 | 7095.8 | 7100.3 | 7051.2 | 7000.0 | 7004.4 | 6971.0 |
| 17.5° | 7956.3 | 7860.5 | 7370.0 | 7151.6 | 7031.2 | 6921.9 | 6901.9 | 6837.2 | 6803.8 | 6792.6 | 6790.4 |
| 20° | 7717.8 | 7372.3 | 7006.7 | 6953.2 | 6808.2 | 6683.4 | 6663.3 | 6683.4 | 6786.0 | 6603.2 | 5983.4 |
| 22.5° | 7439.1 | 6942.0 | 6835.0 | 6683.4 | 6585.3 | 6536.3 | 6658.9 | 6101.6 | 5258.9 | 5361.4 | 5252.2 |
| 25° | 6966.5 | 6750.3 | 6567.5 | 6451.6 | 6440.4 | 6139.5 | 5116.2 | 5009.2 | 4467.5 | 4177.7 | 3852.2 |
| 27.5° | 6621.0 | 6527.4 | 6335.6 | 6315.6 | 6170.7 | 5020.4 | 4487.6 | 3899.0 | 3682.8 | 3649.3 | 3578.0 |
| 30° | 6411.4 | 6277.7 | 6161.8 | 5655.7 | 4924.5 | 4041.7 | 3600.3 | 3517.8 | 3479.9 | 3439.8 | 3377.4 |
| 32.5° | 6159.5 | 6032.5 | 6088.2 | 4755.1 | 3925.8 | 3479.9 | 3390.7 | 3330.6 | 3261.4 | 3234.7 | 3009.5 |
| 35° | 5903.2 | 5845.2 | 4757.3 | 3997.1 | 3375.1 | 3268.1 | 3201.3 | 3138.8 | 2496.8 | 604.1 | 205.1 |
| 37.5° | 5629.0 | 5615.6 | 4275.8 | 3317.2 | 3161.1 | 3060.8 | 2871.3 | 593.0 | 140.4 | 95.9 | 71.3 |
| 40° | 5414.9 | 4278.0 | 3379.6 | 3109.9 | 2982.8 | 2824.5 | 396.8 | 98.1 | 62.4 | 37.9 | 24.5 |
| 42.5° | 5272.3 | 3847.8 | 3025.1 | 2918.1 | 2641.7 | 292.0 | 100.3 | 42.4 | 24.5 | 20.1 | 15.6 |
| 45° | 4064.0 | 3038.5 | 2826.7 | 2715.3 | 334.4 | 100.3 | 58.0 | 20.1 | 15.6 | 13.4 | 8.9 |
| 47.5° | 3749.7 | 2759.9 | 2635.0 | 593.0 | 111.5 | 53.5 | 40.1 | 13.4 | 8.9 | 8.9 | 8.9 |
| 50° | 2840.1 | 2550.3 | 2097.8 | 144.9 | 71.3 | 37.9 | 29.0 | 8.9 | 8.9 | 8.9 | 6.7 |
| 52.5° | 2490.1 | 2354.1 | 225.2 | 95.9 | 55.7 | 29.0 | 17.8 | 6.7 | 6.7 | 6.7 | 6.7 |
| 55° | 2276.1 | 1493.6 | 133.8 | 73.6 | 46.8 | 26.8 | 11.1 | 6.7 | 6.7 | 6.7 | 4.5 |
| 57.5° | 2082.2 | 200.6 | 98.1 | 62.4 | 42.4 | 24.5 | 6.7 | 6.7 | 6.7 | 6.7 | 4.5 |
| 60° | 1765.6 | 144.9 | 80.3 | 55.7 | 40.1 | 22.3 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 |
| 62.5° | 229.6 | 113.7 | 69.1 | 49.0 | 29.0 | 17.8 | 4.5 | 6.7 | 6.7 | 6.7 | 6.7 |
| 65° | 167.2 | 89.2 | 62.4 | 33.4 | 17.8 | 6.7 | 4.5 | 6.7 | 6.7 | 6.7 | 6.7 |
| 67.5° | 129.3 | 73.6 | 46.8 | 29.0 | 15.6 | 4.5 | 4.5 | 6.7 | 6.7 | 6.7 | 6.7 |
| 70° | 102.5 | 62.4 | 37.9 | 24.5 | 13.4 | 4.5 | 4.5 | 6.7 | 6.7 | 6.7 | 6.7 |
| 72.5° | 80.3 | 44.6 | 26.8 | 13.4 | 8.9 | 4.5 | 4.5 | 6.7 | 6.7 | 6.7 | 6.7 |
| 75° | 60.2 | 35.7 | 20.1 | 11.1 | 4.5 | 4.5 | 4.5 | 6.7 | 6.7 | 6.7 | 6.7 |
| 77.5° | 40.1 | 22.3 | 15.6 | 8.9 | 8.9 | 8.9 | 11.1 | 11.1 | 6.7 | 6.7 | 6.7 |
| 80° | 26.8 | 15.6 | 11.1 | 11.1 | 11.1 | 8.9 | 11.1 | 11.1 | 6.7 | 11.1 | 6.7 |
| 82.5° | 13.4 | 11.1 | 11.1 | 8.9 | 8.9 | 6.7 | 8.9 | 8.9 | 8.9 | 8.9 | 6.7 |
| 85° | 8.9 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 8.9 | 8.9 | 6.7 |
| 87.5° | 4.5 | 4.5 | 4.5 | 4.5 | 6.7 | 6.7 | 6.7 | 6.7 | 8.9 | 8.9 | 6.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-128SL-RM-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 255° | 260° | 265° | 270° | 275° | 280° | 285° | 290° | 295° | 300° | 305° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 |
| 2.5° | 7481.5 | 7488.2 | 7470.3 | 7566.2 | 7517.2 | 7521.6 | 7541.7 | 7490.4 | 7501.6 | 7465.9 | 7441.4 |
| 5° | 8293.0 | 8306.3 | 8319.7 | 8324.2 | 8333.1 | 8344.2 | 8330.9 | 8324.2 | 8310.8 | 8266.2 | 8219.4 |
| 7.5° | 8165.9 | 8150.3 | 8143.6 | 8152.5 | 8168.1 | 8174.8 | 8163.7 | 8179.3 | 8237.2 | 8261.7 | 8277.3 |
| 10° | 7497.1 | 7425.8 | 7474.8 | 7468.1 | 7412.4 | 7599.6 | 7548.4 | 7577.4 | 7597.4 | 7802.5 | 7927.3 |
| 12.5° | 7178.3 | 7222.9 | 7138.2 | 7095.8 | 7151.6 | 7189.5 | 7227.4 | 7147.1 | 7258.6 | 7207.3 | 7372.3 |
| 15° | 6910.8 | 6884.0 | 6875.1 | 6877.4 | 6866.2 | 6919.7 | 6933.1 | 6950.9 | 6966.5 | 7035.6 | 7062.4 |
| 17.5° | 6790.4 | 6835.0 | 6852.8 | 6866.2 | 6843.9 | 6819.4 | 6794.9 | 6759.2 | 6770.3 | 6752.5 | 6803.8 |
| 20° | 5566.5 | 5417.2 | 5408.3 | 5495.2 | 5399.3 | 5452.8 | 5582.1 | 6447.1 | 6418.1 | 6754.7 | 6641.0 |
| 22.5° | 4645.8 | 4505.4 | 4385.0 | 4280.2 | 4429.6 | 4492.0 | 4732.8 | 5004.8 | 5446.2 | 5377.0 | 5856.3 |
| 25° | 3794.2 | 3743.0 | 3711.8 | 3696.2 | 3707.3 | 3702.8 | 3756.4 | 3883.4 | 4084.1 | 4556.7 | 5167.5 |
| 27.5° | 3549.0 | 3524.5 | 3513.4 | 3477.7 | 3504.4 | 3495.5 | 3537.9 | 3564.6 | 3624.8 | 3671.6 | 3870.0 |
| 30° | 3355.1 | 3326.1 | 3306.0 | 3268.1 | 3294.9 | 3297.1 | 3310.5 | 3379.6 | 3404.1 | 3444.3 | 3506.7 |
| 32.5° | 1226.1 | 722.3 | 677.7 | 644.3 | 704.5 | 918.5 | 1611.8 | 2817.8 | 3214.6 | 3245.8 | 3317.2 |
| 35° | 120.4 | 100.3 | 89.2 | 89.2 | 91.4 | 100.3 | 133.8 | 352.2 | 644.3 | 2490.1 | 3116.5 |
| 37.5° | 46.8 | 40.1 | 33.4 | 31.2 | 33.4 | 37.9 | 51.3 | 66.9 | 91.4 | 189.5 | 844.9 |
| 40° | 20.1 | 17.8 | 15.6 | 15.6 | 15.6 | 15.6 | 17.8 | 22.3 | 33.4 | 62.4 | 98.1 |
| 42.5° | 13.4 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 15.6 | 20.1 | 40.1 |
| 45° | 8.9 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 8.9 | 11.1 | 17.8 |
| 47.5° | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 8.9 |
| 50° | 6.7 | 6.7 | 6.7 | 6.7 | 4.5 | 6.7 | 4.5 | 6.7 | 6.7 | 6.7 | 6.7 |
| 52.5° | 6.7 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 6.7 | 6.7 |
| 55° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 6.7 |
| 57.5° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 60° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 62.5° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 6.7 | 6.7 | 4.5 |
| 65° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 6.7 | 4.5 |
| 67.5° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 70° | 6.7 | 6.7 | 4.5 | 6.7 | 4.5 | 4.5 | 6.7 | 6.7 | 6.7 | 4.5 | 4.5 |
| 72.5° | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 13.4 | 13.4 | 8.9 |
| 75° | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 11.1 | 13.4 | 11.1 |
| 77.5° | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 11.1 | 11.1 | 11.1 |
| 80° | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 8.9 | 8.9 | 8.9 |
| 82.5° | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 8.9 | 8.9 | 8.9 |
| 85° | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 |
| 87.5° | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-128SL-RM-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 310° | 315° | 320° | 325° | 330° | 335° | 340° | 341° | 342° | 343° | 344° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 |
| 2.5° | 7399.0 | 7396.8 | 7443.6 | 7479.3 | 7465.9 | 7479.3 | 7494.9 | 7497.1 | 7501.6 | 7483.7 | 7477.0 |
| 5° | 8130.2 | 8061.1 | 7927.3 | 7831.5 | 7720.0 | 7517.2 | 7416.8 | 7428.0 | 7430.2 | 7423.5 | 7432.4 |
| 7.5° | 8270.7 | 8264.0 | 8217.2 | 8197.1 | 8121.3 | 7976.4 | 7744.5 | 7704.4 | 7606.3 | 7543.9 | 7492.6 |
| 10° | 7918.4 | 8078.9 | 8121.3 | 8192.6 | 8237.2 | 8210.5 | 8014.3 | 7985.3 | 7922.9 | 7851.6 | 7867.2 |
| 12.5° | 7537.2 | 7668.8 | 7675.4 | 8063.3 | 8150.3 | 8159.2 | 8083.4 | 8123.5 | 8132.4 | 7971.9 | 7878.3 |
| 15° | 7069.1 | 7131.5 | 7263.0 | 7624.2 | 7887.2 | 8052.2 | 8101.2 | 8123.5 | 8014.3 | 8007.6 | 7969.7 |
| 17.5° | 6864.0 | 6904.1 | 6964.3 | 7167.2 | 7566.2 | 7809.2 | 8016.5 | 8000.9 | 8043.3 | 8012.1 | 7916.2 |
| 20° | 6605.4 | 6638.8 | 6745.8 | 6848.4 | 7044.6 | 7367.8 | 7755.7 | 7784.7 | 7840.4 | 7833.7 | 7860.5 |
| 22.5° | 6600.9 | 6482.8 | 6500.6 | 6580.9 | 6786.0 | 7075.8 | 7488.2 | 7584.0 | 7619.7 | 7644.2 | 7673.2 |
| 25° | 5236.6 | 6175.1 | 6346.8 | 6398.1 | 6531.8 | 6701.2 | 7187.2 | 7222.9 | 7289.8 | 7399.0 | 7479.3 |
| 27.5° | 4536.6 | 5174.2 | 5860.8 | 6217.5 | 6302.2 | 6442.6 | 6732.5 | 6786.0 | 7013.3 | 7040.1 | 7164.9 |
| 30° | 3580.2 | 4072.9 | 5098.4 | 5956.7 | 6097.1 | 6195.2 | 6400.3 | 6507.3 | 6605.4 | 6712.4 | 6843.9 |
| 32.5° | 3368.5 | 3446.5 | 4014.9 | 4929.0 | 6021.3 | 5947.7 | 6099.3 | 6164.0 | 6271.0 | 6364.6 | 6460.5 |
| 35° | 3174.5 | 3228.0 | 3348.4 | 4037.2 | 4904.4 | 5744.9 | 5847.4 | 5889.8 | 5950.0 | 6021.3 | 6090.4 |
| 37.5° | 2971.6 | 3051.9 | 3134.4 | 3319.4 | 4536.6 | 5584.4 | 5582.1 | 5631.2 | 5666.9 | 5727.0 | 5785.0 |
| 40° | 539.5 | 2802.2 | 2936.0 | 3056.4 | 3517.8 | 4454.1 | 5332.5 | 5354.8 | 5379.3 | 5417.2 | 5477.4 |
| 42.5° | 86.9 | 468.2 | 2750.9 | 2866.9 | 2998.4 | 3988.2 | 5218.8 | 5127.4 | 5111.8 | 5138.5 | 5192.0 |
| 45° | 44.6 | 113.7 | 552.9 | 2677.4 | 2795.5 | 3181.2 | 4266.9 | 4969.1 | 4953.5 | 4902.2 | 4913.4 |
| 47.5° | 33.4 | 71.3 | 136.0 | 925.2 | 2617.2 | 2730.9 | 3936.9 | 3894.6 | 4191.1 | 4759.5 | 4672.6 |
| 50° | 29.0 | 49.0 | 80.3 | 189.5 | 2311.8 | 2514.6 | 3031.8 | 3542.3 | 3698.4 | 3718.5 | 4400.6 |
| 52.5° | 26.8 | 33.4 | 58.0 | 122.6 | 486.0 | 2325.1 | 2465.6 | 2643.9 | 2907.0 | 3471.0 | 3457.6 |
| 55° | 24.5 | 31.2 | 49.0 | 82.5 | 169.4 | 2095.5 | 2240.4 | 2273.9 | 2329.6 | 2599.4 | 2956.0 |
| 57.5° | 13.4 | 29.0 | 46.8 | 71.3 | 127.1 | 383.4 | 2033.1 | 2059.9 | 2104.4 | 2115.6 | 2242.7 |
| 60° | 6.7 | 26.8 | 42.4 | 62.4 | 93.6 | 178.3 | 1828.0 | 1859.2 | 1886.0 | 1890.4 | 1930.6 |
| 62.5° | 4.5 | 24.5 | 35.7 | 58.0 | 78.0 | 127.1 | 432.5 | 882.8 | 1678.7 | 1678.7 | 1725.5 |
| 65° | 4.5 | 17.8 | 22.3 | 37.9 | 71.3 | 104.8 | 182.8 | 211.8 | 412.4 | 1014.3 | 1513.7 |
| 67.5° | 4.5 | 6.7 | 20.1 | 31.2 | 53.5 | 80.3 | 133.8 | 156.1 | 187.3 | 214.0 | 396.8 |
| 70° | 4.5 | 4.5 | 17.8 | 20.1 | 33.4 | 60.2 | 95.9 | 109.2 | 127.1 | 144.9 | 167.2 |
| 72.5° | 4.5 | 4.5 | 15.6 | 15.6 | 22.3 | 40.1 | 73.6 | 80.3 | 91.4 | 102.5 | 118.2 |
| 75° | 11.1 | 8.9 | 13.4 | 13.4 | 15.6 | 31.2 | 55.7 | 62.4 | 66.9 | 75.8 | 86.9 |
| 77.5° | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 20.1 | 35.7 | 40.1 | 46.8 | 51.3 | 60.2 |
| 80° | 8.9 | 8.9 | 8.9 | 11.1 | 11.1 | 13.4 | 22.3 | 24.5 | 26.8 | 33.4 | 35.7 |
| 82.5° | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 13.4 | 15.6 | 20.1 |
| 85° | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 8.9 | 8.9 | 8.9 | 8.9 |
| 87.5° | 6.7 | 6.7 | 6.7 | 4.5 | 4.5 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-128SL-RM-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 345° | 346° | 347° | 348° | 349° | 350° | 351° | 352° | 353° | 354° | 355° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 |
| 2.5° | 7474.8 | 7461.4 | 7450.3 | 7457.0 | 7436.9 | 7428.0 | 7434.7 | 7436.9 | 7441.4 | 7452.5 | 7454.7 |
| 5° | 7454.7 | 7450.3 | 7470.3 | 7481.5 | 7477.0 | 7481.5 | 7481.5 | 7472.6 | 7459.2 | 7468.1 | 7448.1 |
| 7.5° | 7441.4 | 7412.4 | 7390.1 | 7394.5 | 7372.3 | 7399.0 | 7423.5 | 7459.2 | 7470.3 | 7470.3 | 7448.1 |
| 10° | 7671.0 | 7639.8 | 7514.9 | 7430.2 | 7374.5 | 7325.4 | 7441.4 | 7323.2 | 7378.9 | 7167.2 | 7410.2 |
| 12.5° | 7860.5 | 7902.8 | 7847.1 | 7615.2 | 7575.1 | 7428.0 | 7512.7 | 7367.8 | 7325.4 | 7082.4 | 7160.5 |
| 15° | 7936.3 | 7856.0 | 7838.2 | 7773.5 | 7686.6 | 7644.2 | 7416.8 | 7392.3 | 7323.2 | 7350.0 | 7247.4 |
| 17.5° | 7869.4 | 7909.5 | 7856.0 | 7813.7 | 7724.5 | 7624.2 | 7488.2 | 7367.8 | 7271.9 | 7057.9 | 7238.5 |
| 20° | 7804.7 | 7858.2 | 7697.7 | 7724.5 | 7733.4 | 7617.5 | 7546.1 | 7445.8 | 7325.4 | 7124.8 | 6968.8 |
| 22.5° | 7697.7 | 7659.8 | 7673.2 | 7633.1 | 7599.6 | 7615.2 | 7517.2 | 7448.1 | 7245.2 | 7153.8 | 6942.0 |
| 25° | 7523.8 | 7510.5 | 7546.1 | 7541.7 | 7461.4 | 7434.7 | 7385.6 | 7312.1 | 7231.8 | 7084.7 | 6910.8 |
| 27.5° | 7240.7 | 7309.8 | 7372.3 | 7401.2 | 7358.9 | 7287.5 | 7260.8 | 7218.4 | 7162.7 | 7013.3 | 6884.0 |
| 30° | 6942.0 | 7020.0 | 7091.4 | 7153.8 | 7191.7 | 7160.5 | 7136.0 | 7111.4 | 7026.7 | 6928.6 | 6783.7 |
| 32.5° | 6600.9 | 6703.5 | 6801.6 | 6877.4 | 6959.8 | 6984.4 | 6966.5 | 6946.5 | 6875.1 | 6786.0 | 6670.0 |
| 35° | 6206.3 | 6346.8 | 6489.5 | 6625.4 | 6661.1 | 6719.1 | 6777.0 | 6743.6 | 6705.7 | 6616.5 | 6509.5 |
| 37.5° | 5871.9 | 5972.3 | 6074.8 | 6246.5 | 6371.3 | 6444.9 | 6547.4 | 6560.8 | 6496.1 | 6453.8 | 6313.3 |
| 40° | 5526.4 | 5617.8 | 5767.2 | 5867.5 | 6039.1 | 6123.9 | 6233.1 | 6282.1 | 6266.5 | 6242.0 | 6119.4 |
| 42.5° | 5254.4 | 5299.0 | 5397.1 | 5486.3 | 5655.7 | 5829.6 | 5925.4 | 5979.0 | 6034.7 | 6014.6 | 5952.2 |
| 45° | 4964.6 | 5004.8 | 5038.2 | 5116.2 | 5281.2 | 5435.0 | 5553.2 | 5633.4 | 5733.7 | 5780.5 | 5704.7 |
| 47.5° | 4677.0 | 4688.2 | 4728.3 | 4793.0 | 4891.1 | 5009.2 | 5207.6 | 5328.0 | 5421.6 | 5513.0 | 5464.0 |
| 50° | 4456.3 | 4416.2 | 4422.9 | 4463.0 | 4543.3 | 4659.2 | 4801.9 | 4971.3 | 5078.3 | 5189.8 | 5200.9 |
| 52.5° | 3894.6 | 4220.0 | 4142.0 | 4164.3 | 4206.7 | 4262.4 | 4411.8 | 4579.0 | 4710.5 | 4806.3 | 4902.2 |
| 55° | 3268.1 | 3332.8 | 3959.2 | 3870.0 | 3896.8 | 3945.8 | 4014.9 | 4182.1 | 4309.2 | 4443.0 | 4576.7 |
| 57.5° | 2534.7 | 3016.2 | 3040.7 | 3620.4 | 3607.0 | 3611.4 | 3669.4 | 3765.3 | 3892.3 | 4059.5 | 4173.2 |
| 60° | 1970.7 | 2173.6 | 2568.1 | 2768.8 | 3277.1 | 3294.9 | 3328.3 | 3384.1 | 3493.3 | 3651.6 | 3832.1 |
| 62.5° | 1738.8 | 1765.6 | 1906.0 | 2207.0 | 2536.9 | 2936.0 | 3007.3 | 3016.2 | 3065.3 | 3223.6 | 3433.1 |
| 65° | 1527.1 | 1544.9 | 1587.3 | 1618.5 | 1894.9 | 2280.6 | 2623.9 | 2679.6 | 2710.8 | 2804.4 | 2982.8 |
| 67.5° | 1052.2 | 1330.9 | 1368.8 | 1391.1 | 1417.8 | 1596.2 | 2022.0 | 2305.1 | 2340.8 | 2423.2 | 2579.3 |
| 70° | 202.9 | 421.3 | 1152.5 | 1177.1 | 1190.4 | 1230.6 | 1299.7 | 1750.0 | 1986.3 | 2064.3 | 2135.7 |
| 72.5° | 138.2 | 162.7 | 196.2 | 463.7 | 980.9 | 1003.2 | 1018.8 | 1076.7 | 1475.8 | 1703.2 | 1741.1 |
| 75° | 100.3 | 111.5 | 131.5 | 162.7 | 200.6 | 653.2 | 809.2 | 838.2 | 867.2 | 1197.1 | 1388.8 |
| 77.5° | 71.3 | 80.3 | 89.2 | 104.8 | 122.6 | 158.3 | 227.4 | 626.4 | 655.4 | 671.0 | 947.4 |
| 80° | 40.1 | 49.0 | 60.2 | 69.1 | 78.0 | 89.2 | 115.9 | 144.9 | 323.2 | 472.6 | 497.1 |
| 82.5° | 22.3 | 26.8 | 31.2 | 37.9 | 42.4 | 53.5 | 64.6 | 78.0 | 102.5 | 151.6 | 321.0 |
| 85° | 11.1 | 11.1 | 11.1 | 15.6 | 17.8 | 24.5 | 29.0 | 33.4 | 46.8 | 64.6 | 89.2 |
| 87.5° | 6.7 | 6.7 | 8.9 | 8.9 | 8.9 | 11.1 | 11.1 | 11.1 | 13.4 | 20.1 | 29.0 |
| 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-LD5-128SL-RM-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 356° | 357° | 358° | 359° | 360° |
|-------|--------|--------|--------|--------|--------|
| 0° | 7428.0 | 7428.0 | 7428.0 | 7428.0 | 7428.0 |
| 2.5° | 7457.0 | 7450.3 | 7450.3 | 7477.0 | 7470.3 |
| 5° | 7443.6 | 7436.9 | 7434.7 | 7463.7 | 7450.3 |
| 7.5° | 7432.4 | 7407.9 | 7401.2 | 7428.0 | 7416.8 |
| 10° | 7387.9 | 7370.0 | 7381.2 | 7372.3 | 7367.8 |
| 12.5° | 7312.1 | 7300.9 | 7254.1 | 7258.6 | 7296.5 |
| 15° | 7176.1 | 7220.7 | 7140.4 | 7211.7 | 7227.4 |
| 17.5° | 6926.4 | 7026.7 | 7104.7 | 7147.1 | 7153.8 |
| 20° | 7037.9 | 7071.3 | 7031.2 | 7033.4 | 7060.2 |
| 22.5° | 6893.0 | 6908.6 | 6919.7 | 6906.3 | 6964.3 |
| 25° | 6661.1 | 6600.9 | 6730.2 | 6757.0 | 6850.6 |
| 27.5° | 6589.8 | 6540.7 | 6600.9 | 6596.5 | 6674.5 |
| 30° | 6531.8 | 6373.5 | 6400.3 | 6442.6 | 6538.5 |
| 32.5° | 6449.3 | 6199.7 | 6172.9 | 6266.5 | 6373.5 |
| 35° | 6304.4 | 6068.1 | 6005.7 | 6065.9 | 6226.4 |
| 37.5° | 6181.8 | 5885.3 | 5760.5 | 5840.7 | 6050.3 |
| 40° | 5999.0 | 5742.6 | 5548.7 | 5620.0 | 5867.5 |
| 42.5° | 5780.5 | 5620.0 | 5321.3 | 5370.4 | 5653.5 |
| 45° | 5559.8 | 5417.2 | 5100.6 | 5125.1 | 5461.8 |
| 47.5° | 5334.7 | 5203.2 | 4871.0 | 4875.5 | 5216.5 |
| 50° | 5114.0 | 4940.1 | 4665.9 | 4587.9 | 4955.7 |
| 52.5° | 4826.4 | 4665.9 | 4458.6 | 4331.5 | 4708.3 |
| 55° | 4554.4 | 4373.9 | 4222.3 | 4026.1 | 4427.4 |
| 57.5° | 4289.2 | 4088.5 | 3986.0 | 3734.1 | 4108.6 |
| 60° | 3925.8 | 3829.9 | 3678.3 | 3437.6 | 3821.0 |
| 62.5° | 3553.5 | 3522.3 | 3368.5 | 3118.8 | 3466.5 |
| 65° | 3118.8 | 3192.3 | 3034.1 | 2820.0 | 3098.7 |
| 67.5° | 2708.6 | 2840.1 | 2666.2 | 2534.7 | 2744.3 |
| 70° | 2271.6 | 2423.2 | 2325.1 | 2278.3 | 2367.5 |
| 72.5° | 1841.4 | 1988.5 | 1997.4 | 1964.0 | 1993.0 |
| 75° | 1422.3 | 1585.0 | 1674.2 | 1622.9 | 1629.6 |
| 77.5° | 1079.0 | 1157.0 | 1255.1 | 1295.2 | 1286.3 |
| 80° | 666.6 | 802.5 | 882.8 | 965.3 | 936.3 |
| 82.5° | 336.6 | 450.3 | 548.4 | 637.6 | 595.2 |
| 85° | 140.4 | 180.6 | 251.9 | 332.2 | 318.8 |
| 87.5° | 42.4 | 71.3 | 75.8 | 107.0 | 100.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)