

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-L930-CD1-U**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P#  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (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-L930-CD1-U  
Description: 8FT LINEAR SNLED LED FIXTURE  
METALIC FINISH REFLECTOR  
Light Source: -  
Ballast/Driver: -

**Summary**

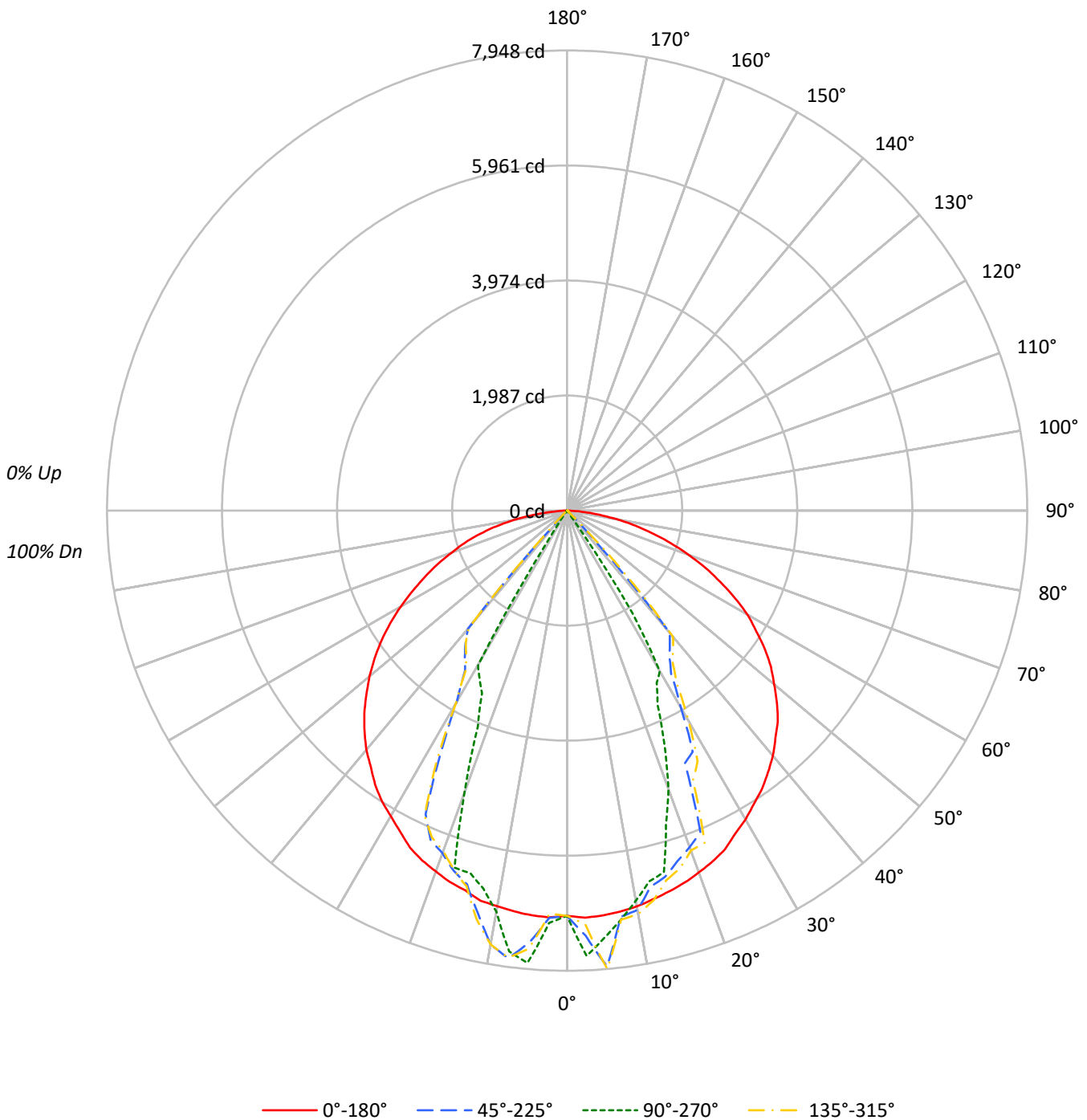
Lumens per Lamp: N/A  
Luminaire Lumens: 9951.0 lumens  
Efficiency: N/A  
Efficacy: 96.6 lumens/watt  
Spacing Criteria (0/90/45): 1.3 / 0.81 / 0.97  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 8' x H: 0.12')  
CIE Type: Direct

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-L930-CD1-U

### Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-128SL-RM-UNV-L930-CD1-U

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-----|-----|-----|--|-----|-----|-----|-----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20  |     |     |  | 20  |     |     |  | 20  |     |     |     |
| RC  | 80  |     |     |     | 70  |     |     |     | 50  |     |     |  | 30  |     |     |  | 10  | 0   |     |     |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  |  | 50  | 30  | 10  |  | 50  | 30  | 10  | 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°  | 28277 | 28277 | 28277 | 28277 |
| 5°  | 28431 | 29082 | 28423 | 30798 |
| 10° | 28402 | 26316 | 28385 | 27076 |
| 15° | 28365 | 24563 | 28295 | 24627 |
| 20° | 28439 | 19347 | 28359 | 19586 |
| 25° | 28566 | 14001 | 28427 | 13212 |
| 30° | 28484 | 12282 | 28183 | 11807 |
| 35° | 28622 | 271   | 28202 | 328   |
| 40° | 28781 | 59    | 28091 | 59    |
| 45° | 28951 | 35    | 27864 | 26    |
| 50° | 28812 | 27    | 27491 | 27    |
| 55° | 28742 | 19    | 26977 | 19    |
| 60° | 28325 | 21    | 26110 | 21    |
| 65° | 27007 | 33    | 25083 | 22    |
| 70° | 25266 | 37    | 24053 | 37    |
| 75° | 22647 | 41    | 23019 | 41    |
| 80° | 18854 | 47    | 19932 | 47    |
| 85° | 11812 | 55    | 12060 | 55    |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-128SL-RM-UNV-L930-CD1-U

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 702.1  | 7.1       |
| 10°-20°   | 1915.1 | 19.2      |
| 20°-30°   | 2437.0 | 24.5      |
| 30°-40°   | 2058.6 | 20.7      |
| 40°-50°   | 1345.9 | 13.5      |
| 50°-60°   | 848.0  | 8.5       |
| 60°-70°   | 451.4  | 4.5       |
| 70°-80°   | 164.6  | 1.7       |
| 80°-90°   | 28.3   | 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°    | 5054.2 | 50.8      |
| 0°-40°    | 7112.8 | 71.5      |
| 0°-60°    | 9306.7 | 93.5      |
| 0°-90°    | 9951.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 9951.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 6998 | 6998 | 6998 | 6998 | 6998 |      |
| 5°  | 7019 | 7406 | 7017 | 7843 | 7019 | 667  |
| 15° | 6809 | 6463 | 6792 | 6480 | 6809 | 1925 |
| 25° | 6454 | 3690 | 6423 | 3482 | 6454 | 2968 |
| 35° | 5866 | 69   | 5780 | 84   | 5866 | 3670 |
| 45° | 5146 | 8    | 4953 | 6    | 5146 | 3957 |
| 55° | 4171 | 4    | 3915 | 4    | 4171 | 3717 |
| 65° | 2920 | 6    | 2712 | 4    | 2920 | 2891 |
| 75° | 1535 | 6    | 1560 | 6    | 1535 | 1630 |
| 85° | 300  | 6    | 307  | 6    | 300  | 380  |
| 90° | 0    | 0    | 0    | 0    | 0    |      |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-128SL-RM-UNV-L930-CD1-U

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 2°     | 3°     | 4°     | 5°     | 6°     | 7°     | 8°     | 9°     | 10°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 |
| 2.5°  | 7038.2 | 7042.4 | 7044.5 | 7048.7 | 7055.0 | 7057.1 | 7061.3 | 7057.1 | 7057.1 | 7057.1 | 7057.1 |
| 5°    | 7019.3 | 7027.7 | 7034.0 | 7042.4 | 7057.1 | 7059.2 | 7076.0 | 7078.1 | 7086.5 | 7103.3 | 7115.9 |
| 7.5°  | 6987.8 | 6996.2 | 7008.8 | 7029.8 | 7050.8 | 7073.9 | 7103.3 | 7134.8 | 7178.9 | 7220.9 | 7273.4 |
| 10°   | 6941.6 | 6952.1 | 6966.8 | 6985.7 | 7088.6 | 7103.3 | 7168.4 | 7258.7 | 7283.9 | 7416.3 | 7515.0 |
| 12.5° | 6874.4 | 6910.1 | 6947.9 | 6964.7 | 7063.4 | 7218.8 | 7437.3 | 7393.1 | 7344.8 | 7777.5 | 7771.2 |
| 15°   | 6809.3 | 6857.6 | 6838.7 | 6975.2 | 7065.5 | 7336.4 | 7244.0 | 7441.5 | 7802.7 | 7714.5 | 7718.7 |
| 17.5° | 6739.9 | 6750.4 | 6855.5 | 6968.9 | 7130.6 | 7269.2 | 7382.6 | 7653.6 | 7725.0 | 7731.3 | 7653.6 |
| 20°   | 6651.7 | 6702.1 | 6855.5 | 6958.4 | 7231.4 | 7296.5 | 7542.3 | 7680.9 | 7651.5 | 7580.1 | 7447.8 |
| 22.5° | 6561.4 | 6714.7 | 6870.2 | 7015.1 | 7206.2 | 7380.5 | 7502.4 | 7567.5 | 7414.2 | 7132.7 | 6981.5 |
| 25°   | 6454.3 | 6544.6 | 6748.3 | 6960.5 | 7199.9 | 7300.7 | 7372.1 | 7267.1 | 7067.6 | 6815.6 | 6561.4 |
| 27.5° | 6288.4 | 6433.3 | 6693.7 | 6933.2 | 7149.5 | 7271.3 | 7155.8 | 6903.8 | 6582.4 | 6416.5 | 6301.0 |
| 30°   | 6160.3 | 6349.3 | 6563.5 | 6794.6 | 7019.3 | 7090.7 | 6796.7 | 6508.9 | 6288.4 | 6122.5 | 6097.2 |
| 32.5° | 6004.8 | 6273.7 | 6477.4 | 6697.9 | 6887.0 | 6792.5 | 6506.8 | 6135.1 | 5952.3 | 5889.3 | 5914.5 |
| 35°   | 5866.2 | 6069.9 | 6336.7 | 6553.0 | 6689.5 | 6477.4 | 6025.8 | 5794.8 | 5706.6 | 5742.3 | 5696.1 |
| 37.5° | 5700.3 | 5969.1 | 6214.9 | 6401.8 | 6355.6 | 6036.3 | 5654.1 | 5507.1 | 5517.6 | 5488.2 | 5399.9 |
| 40°   | 5528.1 | 5784.3 | 6040.5 | 6217.0 | 6055.2 | 5568.0 | 5313.8 | 5282.3 | 5288.6 | 5194.1 | 5068.1 |
| 42.5° | 5326.4 | 5559.6 | 5815.8 | 5975.4 | 5626.8 | 5246.6 | 5074.4 | 5078.6 | 5024.0 | 4891.7 | 4824.4 |
| 45°   | 5145.8 | 5360.0 | 5626.8 | 5641.5 | 5213.0 | 4895.9 | 4845.5 | 4790.8 | 4669.0 | 4624.9 | 4574.5 |
| 47.5° | 4914.8 | 5152.1 | 5372.6 | 5292.8 | 4807.6 | 4610.2 | 4572.4 | 4452.7 | 4391.8 | 4358.2 | 4316.2 |
| 50°   | 4669.0 | 4908.5 | 5110.1 | 4883.3 | 4425.4 | 4379.2 | 4255.3 | 4160.7 | 4118.7 | 4083.0 | 4045.2 |
| 52.5° | 4435.9 | 4633.3 | 4839.2 | 4448.5 | 4131.3 | 4087.2 | 3946.5 | 3891.9 | 3849.9 | 3810.0 | 3801.6 |
| 55°   | 4171.2 | 4345.6 | 4486.3 | 4034.7 | 3849.9 | 3747.0 | 3646.2 | 3608.4 | 3568.5 | 3549.6 | 3581.1 |
| 57.5° | 3870.9 | 4068.3 | 4047.3 | 3627.3 | 3545.4 | 3396.2 | 3358.4 | 3333.2 | 3303.8 | 3316.4 | 3053.9 |
| 60°   | 3600.0 | 3751.2 | 3648.3 | 3329.0 | 3190.4 | 3089.6 | 3056.0 | 3039.2 | 3056.0 | 2799.7 | 2461.6 |
| 62.5° | 3266.0 | 3436.1 | 3228.2 | 2980.4 | 2833.3 | 2785.0 | 2755.6 | 2778.7 | 2533.0 | 2251.5 | 2169.6 |
| 65°   | 2919.5 | 3104.3 | 2797.6 | 2606.5 | 2514.1 | 2472.1 | 2470.0 | 2274.7 | 2033.1 | 1923.9 | 1923.9 |
| 67.5° | 2585.5 | 2776.6 | 2381.8 | 2222.1 | 2186.4 | 2190.6 | 2068.8 | 1772.7 | 1705.5 | 1632.0 | 1419.8 |
| 70°   | 2230.5 | 2398.6 | 1968.0 | 1871.4 | 1850.4 | 1835.7 | 1539.5 | 1459.7 | 1379.9 | 1184.6 | 1167.8 |
| 72.5° | 1877.7 | 1959.6 | 1581.5 | 1558.4 | 1554.2 | 1291.7 | 1232.9 | 1096.4 | 1004.0 | 980.9  | 970.4  |
| 75°   | 1535.3 | 1510.1 | 1249.7 | 1270.7 | 1071.2 | 978.8  | 884.2  | 804.4  | 791.8  | 783.4  | 195.3  |
| 77.5° | 1211.9 | 1085.9 | 985.1  | 856.9  | 766.6  | 651.1  | 632.2  | 619.6  | 407.5  | 147.0  | 119.7  |
| 80°   | 882.1  | 703.6  | 655.3  | 556.6  | 474.7  | 455.8  | 466.3  | 142.8  | 113.4  | 94.5   | 81.9   |
| 82.5° | 560.8  | 449.5  | 367.6  | 321.3  | 312.9  | 136.5  | 100.8  | 81.9   | 71.4   | 60.9   | 50.4   |
| 85°   | 300.3  | 199.5  | 184.8  | 155.4  | 92.4   | 63.0   | 52.5   | 39.9   | 33.6   | 27.3   | 25.2   |
| 87.5° | 94.5   | 79.8   | 65.1   | 52.5   | 31.5   | 21.0   | 16.8   | 14.7   | 12.6   | 10.5   | 10.5   |
| 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-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 11°    | 12°    | 13°    | 14°    | 15°    | 16°    | 17°    | 18°    | 19°    | 20°    | 25°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 |
| 2.5°  | 7052.9 | 7057.1 | 7055.0 | 7061.3 | 7061.3 | 7069.7 | 7076.0 | 7082.3 | 7094.9 | 7101.2 | 7149.5 |
| 5°    | 7143.2 | 7153.7 | 7185.2 | 7214.6 | 7250.3 | 7260.8 | 7321.7 | 7336.4 | 7407.9 | 7416.3 | 7651.5 |
| 7.5°  | 7344.8 | 7384.7 | 7460.4 | 7536.0 | 7611.6 | 7659.9 | 7743.9 | 7796.4 | 7853.1 | 7903.5 | 8090.5 |
| 10°   | 7588.5 | 7655.7 | 7729.2 | 7804.8 | 7848.9 | 7941.3 | 7991.7 | 8000.1 | 7985.4 | 7903.5 | 7601.1 |
| 12.5° | 7827.9 | 7895.1 | 7863.6 | 7878.3 | 7930.8 | 7767.0 | 7790.1 | 7672.5 | 7754.4 | 7349.0 | 7048.7 |
| 15°   | 7794.3 | 7790.1 | 7712.4 | 7460.4 | 7502.4 | 7189.4 | 7063.4 | 6966.8 | 7044.5 | 7002.5 | 6956.3 |
| 17.5° | 7693.5 | 7502.4 | 7367.9 | 7065.5 | 6937.4 | 6849.2 | 6851.3 | 6853.4 | 6815.6 | 6855.5 | 6737.8 |
| 20°   | 7267.1 | 7052.9 | 6853.4 | 6746.2 | 6708.4 | 6645.4 | 6676.9 | 6645.4 | 6647.5 | 6660.1 | 6479.5 |
| 22.5° | 6700.0 | 6634.9 | 6519.4 | 6553.0 | 6540.4 | 6597.1 | 6555.1 | 6490.0 | 6511.0 | 6416.5 | 6280.0 |
| 25°   | 6471.1 | 6395.5 | 6391.3 | 6403.9 | 6385.0 | 6359.8 | 6322.0 | 6223.3 | 6217.0 | 6187.6 | 6124.6 |
| 27.5° | 6240.1 | 6244.3 | 6256.9 | 6219.1 | 6151.9 | 6101.4 | 6044.7 | 5996.4 | 6015.3 | 5981.7 | 5895.6 |
| 30°   | 6080.4 | 6078.3 | 6002.7 | 5969.1 | 5845.2 | 5847.3 | 5832.6 | 5803.2 | 5784.3 | 5786.4 | 5731.8 |
| 32.5° | 5853.6 | 5788.5 | 5702.4 | 5660.4 | 5649.9 | 5612.1 | 5582.7 | 5589.0 | 5603.7 | 5551.2 | 5607.9 |
| 35°   | 5620.5 | 5486.1 | 5473.5 | 5437.7 | 5404.1 | 5378.9 | 5389.4 | 5347.4 | 5345.3 | 5339.0 | 4877.0 |
| 37.5° | 5307.5 | 5242.4 | 5236.1 | 5198.3 | 5175.2 | 5168.9 | 5129.0 | 5135.3 | 5154.2 | 5187.8 | 4158.6 |
| 40°   | 5049.2 | 4990.4 | 4975.7 | 4973.6 | 4923.2 | 4919.0 | 4929.5 | 4969.4 | 4996.7 | 4786.6 | 3963.3 |
| 42.5° | 4771.9 | 4776.1 | 4729.9 | 4700.5 | 4706.8 | 4725.7 | 4776.1 | 4637.5 | 4017.9 | 3828.9 | 3623.1 |
| 45°   | 4534.6 | 4513.6 | 4488.4 | 4480.0 | 4534.6 | 4496.8 | 3942.3 | 3637.8 | 3564.3 | 3555.9 | 2978.3 |
| 47.5° | 4286.8 | 4280.5 | 4270.0 | 4276.3 | 3965.4 | 3534.8 | 3408.8 | 3368.9 | 3381.5 | 3373.1 | 2558.2 |
| 50°   | 4036.8 | 4045.2 | 4045.2 | 3532.7 | 3242.9 | 3171.5 | 3182.0 | 3217.7 | 2995.1 | 2795.5 | 2383.9 |
| 52.5° | 3820.5 | 3755.4 | 3217.7 | 3032.9 | 2967.8 | 2999.3 | 2923.7 | 2644.3 | 2442.7 | 2325.1 | 2205.3 |
| 55°   | 3419.3 | 2940.5 | 2820.7 | 2791.3 | 2814.4 | 2535.1 | 2362.9 | 2182.2 | 2129.7 | 2117.1 | 2047.8 |
| 57.5° | 2690.5 | 2593.9 | 2604.4 | 2486.8 | 2220.0 | 2062.5 | 1993.2 | 1968.0 | 1944.9 | 1928.1 | 168.0  |
| 60°   | 2379.7 | 2407.0 | 2203.2 | 1951.2 | 1844.1 | 1823.1 | 1806.3 | 1783.2 | 1779.0 | 1749.6 | 107.1  |
| 62.5° | 2178.0 | 1915.5 | 1739.1 | 1676.1 | 1650.9 | 1644.6 | 1613.1 | 1602.5 | 1361.0 | 186.9  | 79.8   |
| 65°   | 1642.5 | 1535.3 | 1501.7 | 1487.0 | 1459.7 | 1459.7 | 1211.9 | 191.1  | 155.4  | 134.4  | 71.4   |
| 67.5° | 1340.0 | 1331.6 | 1314.8 | 1295.9 | 882.1  | 184.8  | 161.7  | 140.7  | 121.8  | 107.1  | 63.0   |
| 70°   | 1134.2 | 1130.0 | 1029.2 | 189.0  | 157.5  | 138.6  | 121.8  | 109.2  | 100.8  | 90.3   | 56.7   |
| 72.5° | 930.4  | 189.0  | 159.6  | 138.6  | 119.7  | 109.2  | 98.7   | 88.2   | 79.8   | 73.5   | 46.2   |
| 75°   | 144.9  | 128.1  | 113.4  | 102.9  | 94.5   | 84.0   | 75.6   | 69.3   | 67.2   | 58.8   | 31.5   |
| 77.5° | 105.0  | 90.3   | 81.9   | 73.5   | 65.1   | 58.8   | 50.4   | 44.1   | 39.9   | 33.6   | 23.1   |
| 80°   | 73.5   | 65.1   | 58.8   | 48.3   | 42.0   | 35.7   | 31.5   | 27.3   | 25.2   | 21.0   | 10.5   |
| 82.5° | 42.0   | 35.7   | 31.5   | 25.2   | 23.1   | 18.9   | 16.8   | 14.7   | 14.7   | 10.5   | 10.5   |
| 85°   | 18.9   | 18.9   | 14.7   | 12.6   | 10.5   | 10.5   | 10.5   | 8.4    | 8.4    | 6.3    | 6.3    |
| 87.5° | 8.4    | 8.4    | 8.4    | 8.4    | 8.4    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 4.2    |
| 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-LD5-128SL-RM-UNV-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 30°    | 35°    | 40°    | 45°    | 50°    | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 |
| 2.5°  | 7216.7 | 7244.0 | 7296.5 | 7351.1 | 7290.2 | 7508.7 | 7491.9 | 7565.4 | 7605.3 | 7624.2 | 7668.3 |
| 5°    | 7859.4 | 7981.2 | 8021.1 | 7901.4 | 7832.1 | 7760.7 | 7599.0 | 7477.2 | 7491.9 | 7452.0 | 7307.0 |
| 7.5°  | 7846.8 | 7586.4 | 7235.6 | 7076.0 | 7063.4 | 7044.5 | 7094.9 | 7124.3 | 7128.5 | 7126.4 | 7122.2 |
| 10°   | 7183.1 | 7048.7 | 7025.6 | 7004.6 | 7013.0 | 6935.3 | 6899.6 | 6798.8 | 6853.4 | 6824.0 | 6834.5 |
| 12.5° | 6981.5 | 6950.0 | 6826.1 | 6653.8 | 6756.7 | 6679.0 | 6634.9 | 6664.3 | 6630.7 | 6599.2 | 6588.7 |
| 15°   | 6861.8 | 6658.0 | 6588.7 | 6546.7 | 6517.3 | 6500.5 | 6515.2 | 6481.6 | 6471.1 | 6464.8 | 6479.5 |
| 17.5° | 6613.9 | 6532.0 | 6456.4 | 6345.1 | 6347.2 | 6340.9 | 6382.9 | 6445.9 | 6450.1 | 6126.7 | 5834.7 |
| 20°   | 6418.6 | 6351.4 | 6254.8 | 6185.5 | 6280.0 | 6111.9 | 5462.9 | 5154.2 | 5105.9 | 5105.9 | 5114.3 |
| 22.5° | 6263.2 | 6114.1 | 6120.4 | 6011.1 | 5126.9 | 4946.3 | 4950.5 | 4969.4 | 4883.3 | 4589.2 | 4557.7 |
| 25°   | 6051.0 | 6027.9 | 5568.0 | 4811.8 | 4818.1 | 4677.4 | 4461.1 | 4156.5 | 3826.8 | 3826.8 | 3772.2 |
| 27.5° | 5891.4 | 5402.0 | 4729.9 | 4698.4 | 4225.9 | 3927.6 | 3742.8 | 3463.4 | 3425.6 | 3389.9 | 3394.1 |
| 30°   | 5754.9 | 4570.3 | 4587.1 | 3927.6 | 3579.0 | 3331.1 | 3316.4 | 3270.2 | 3247.1 | 3240.8 | 3217.7 |
| 32.5° | 4549.3 | 4450.6 | 3839.4 | 3343.7 | 3207.2 | 3167.3 | 3148.4 | 3095.9 | 3093.8 | 3053.9 | 2776.6 |
| 35°   | 4265.8 | 3906.6 | 3213.5 | 3079.1 | 3039.2 | 3001.4 | 2969.9 | 1993.2 | 235.2  | 94.5   | 81.9   |
| 37.5° | 3942.3 | 3263.9 | 2972.0 | 2911.1 | 2873.2 | 2123.4 | 212.1  | 73.5   | 52.5   | 37.8   | 33.6   |
| 40°   | 3341.6 | 2915.3 | 2822.8 | 2755.6 | 1136.3 | 73.5   | 46.2   | 35.7   | 21.0   | 18.9   | 16.8   |
| 42.5° | 2818.6 | 2747.2 | 2648.5 | 806.5  | 84.0   | 35.7   | 23.1   | 16.8   | 14.7   | 14.7   | 12.6   |
| 45°   | 2638.0 | 2575.0 | 1067.0 | 79.8   | 52.5   | 16.8   | 14.7   | 14.7   | 12.6   | 8.4    | 8.4    |
| 47.5° | 2470.0 | 2173.8 | 96.6   | 50.4   | 33.6   | 14.7   | 12.6   | 8.4    | 8.4    | 8.4    | 6.3    |
| 50°   | 2291.5 | 119.7  | 67.2   | 37.8   | 21.0   | 8.4    | 8.4    | 8.4    | 8.4    | 6.3    | 6.3    |
| 52.5° | 428.5  | 84.0   | 54.6   | 33.6   | 10.5   | 8.4    | 8.4    | 8.4    | 6.3    | 6.3    | 6.3    |
| 55°   | 100.8  | 67.2   | 50.4   | 29.4   | 8.4    | 8.4    | 8.4    | 6.3    | 6.3    | 6.3    | 4.2    |
| 57.5° | 75.6   | 50.4   | 39.9   | 27.3   | 8.4    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 4.2    |
| 60°   | 63.0   | 35.7   | 31.5   | 25.2   | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 4.2    |
| 62.5° | 44.1   | 29.4   | 23.1   | 18.9   | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    |
| 65°   | 35.7   | 23.1   | 18.9   | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    |
| 67.5° | 31.5   | 18.9   | 12.6   | 4.2    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    |
| 70°   | 25.2   | 6.3    | 6.3    | 4.2    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    |
| 72.5° | 21.0   | 6.3    | 4.2    | 4.2    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    |
| 75°   | 21.0   | 10.5   | 4.2    | 4.2    | 6.3    | 6.3    | 8.4    | 8.4    | 6.3    | 6.3    | 6.3    |
| 77.5° | 14.7   | 10.5   | 4.2    | 4.2    | 6.3    | 6.3    | 8.4    | 8.4    | 6.3    | 6.3    | 6.3    |
| 80°   | 8.4    | 10.5   | 4.2    | 6.3    | 6.3    | 12.6   | 14.7   | 8.4    | 6.3    | 6.3    | 6.3    |
| 82.5° | 8.4    | 10.5   | 12.6   | 12.6   | 6.3    | 10.5   | 12.6   | 10.5   | 8.4    | 6.3    | 6.3    |
| 85°   | 8.4    | 6.3    | 8.4    | 10.5   | 6.3    | 10.5   | 10.5   | 8.4    | 8.4    | 6.3    | 6.3    |
| 87.5° | 4.2    | 6.3    | 6.3    | 8.4    | 8.4    | 8.4    | 10.5   | 8.4    | 8.4    | 8.4    | 6.3    |
| 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-LD5-128SL-RM-UNV-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 85°    | 90°    | 95°    | 100°   | 105°   | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 |
| 2.5°  | 7689.3 | 7697.7 | 7565.4 | 7519.2 | 7559.1 | 7550.7 | 7515.0 | 7382.6 | 7367.9 | 7279.7 | 7151.6 |
| 5°    | 7349.0 | 7405.8 | 7336.4 | 7456.2 | 7399.4 | 7456.2 | 7628.4 | 7708.2 | 7838.4 | 7918.2 | 7947.6 |
| 7.5°  | 7111.7 | 7124.3 | 7124.3 | 7134.8 | 7145.3 | 7147.4 | 7134.8 | 7126.4 | 7090.7 | 7046.6 | 7126.4 |
| 10°   | 6824.0 | 6838.7 | 6863.9 | 6859.7 | 6857.6 | 6901.7 | 6912.2 | 7002.5 | 6998.3 | 7015.1 | 7076.0 |
| 12.5° | 6674.8 | 6561.4 | 6664.3 | 6637.0 | 6674.8 | 6616.0 | 6725.2 | 6706.3 | 6712.6 | 6763.1 | 6893.3 |
| 15°   | 6427.0 | 6462.7 | 6487.9 | 6487.9 | 6502.6 | 6490.0 | 6477.4 | 6563.5 | 6616.0 | 6618.1 | 6609.7 |
| 17.5° | 5950.2 | 5679.3 | 5956.5 | 5885.1 | 6454.3 | 6469.0 | 6420.7 | 6380.8 | 6380.8 | 6412.3 | 6479.5 |
| 20°   | 5108.0 | 5114.3 | 5116.4 | 5143.7 | 5177.3 | 5175.2 | 5177.3 | 6004.8 | 6397.6 | 6307.3 | 6246.4 |
| 22.5° | 4477.9 | 4400.2 | 4545.1 | 4534.6 | 4715.2 | 4914.8 | 5105.9 | 5087.0 | 5099.6 | 5683.5 | 6208.6 |
| 25°   | 3589.5 | 3690.3 | 3608.4 | 3644.1 | 3847.8 | 4085.1 | 4232.2 | 4616.5 | 5034.5 | 5005.1 | 5141.6 |
| 27.5° | 3379.4 | 3352.1 | 3389.9 | 3389.9 | 3417.2 | 3448.7 | 3530.6 | 3747.0 | 4118.7 | 4509.4 | 4879.1 |
| 30°   | 3179.9 | 3203.0 | 3207.2 | 3245.0 | 3266.0 | 3287.0 | 3299.6 | 3381.5 | 3465.5 | 3736.5 | 4192.3 |
| 32.5° | 2388.1 | 2094.0 | 2755.6 | 2934.2 | 3085.4 | 3121.1 | 3146.3 | 3179.9 | 3240.8 | 3280.7 | 3509.6 |
| 35°   | 69.3   | 69.3   | 73.5   | 84.0   | 107.1  | 722.5  | 2751.4 | 3032.9 | 3072.8 | 3123.2 | 3165.2 |
| 37.5° | 33.6   | 25.2   | 29.4   | 31.5   | 37.8   | 52.5   | 75.6   | 235.2  | 2619.1 | 2961.5 | 3007.7 |
| 40°   | 14.7   | 14.7   | 14.7   | 14.7   | 16.8   | 21.0   | 31.5   | 52.5   | 79.8   | 2106.6 | 2841.7 |
| 42.5° | 12.6   | 12.6   | 12.6   | 12.6   | 12.6   | 12.6   | 14.7   | 18.9   | 37.8   | 90.3   | 1491.2 |
| 45°   | 8.4    | 8.4    | 6.3    | 8.4    | 8.4    | 10.5   | 12.6   | 12.6   | 16.8   | 56.7   | 102.9  |
| 47.5° | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 10.5   | 12.6   | 37.8   | 54.6   |
| 50°   | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 29.4   | 37.8   |
| 52.5° | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 12.6   | 33.6   |
| 55°   | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 6.3    | 6.3    | 8.4    | 29.4   |
| 57.5° | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 6.3    | 4.2    | 4.2    | 6.3    | 6.3    | 27.3   |
| 60°   | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 25.2   |
| 62.5° | 6.3    | 6.3    | 4.2    | 6.3    | 4.2    | 4.2    | 6.3    | 6.3    | 6.3    | 6.3    | 16.8   |
| 65°   | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 4.2    | 6.3    |
| 67.5° | 6.3    | 6.3    | 6.3    | 6.3    | 4.2    | 6.3    | 4.2    | 6.3    | 6.3    | 4.2    | 4.2    |
| 70°   | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 4.2    | 4.2    | 4.2    | 4.2    |
| 72.5° | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 4.2    | 4.2    | 4.2    | 4.2    |
| 75°   | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 8.4    | 8.4    | 4.2    | 4.2    | 4.2    |
| 77.5° | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 10.5   | 12.6   | 10.5   | 10.5   | 4.2    |
| 80°   | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 10.5   | 10.5   | 10.5   | 10.5   | 14.7   |
| 82.5° | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 8.4    | 8.4    | 8.4    | 8.4    | 10.5   |
| 85°   | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 8.4    | 8.4    | 8.4    | 6.3    | 8.4    |
| 87.5° | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 8.4    | 6.3    | 6.3    | 6.3    |
| 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-LD5-128SL-RM-UNV-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 140°   | 145°   | 150°   | 155°   | 160°   | 161°   | 162°   | 163°   | 164°   | 165°   | 166°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 |
| 2.5°  | 7162.1 | 7090.7 | 7067.6 | 7019.3 | 7015.1 | 7019.3 | 7008.8 | 6994.1 | 7002.5 | 6987.8 | 6975.2 |
| 5°    | 7964.4 | 7773.3 | 7649.4 | 7483.5 | 7254.5 | 7204.1 | 7191.5 | 7120.1 | 7094.9 | 7086.5 | 7052.9 |
| 7.5°  | 7315.4 | 7664.1 | 7874.1 | 7945.5 | 7676.7 | 7613.7 | 7540.2 | 7481.4 | 7424.7 | 7317.5 | 7252.4 |
| 10°   | 7027.7 | 7044.5 | 7246.1 | 7481.4 | 7863.6 | 7916.1 | 7956.0 | 7827.9 | 7792.2 | 7519.2 | 7460.4 |
| 12.5° | 6960.5 | 6962.6 | 6985.7 | 7128.5 | 7428.9 | 7462.5 | 7603.2 | 7678.8 | 7771.2 | 7823.7 | 7781.7 |
| 15°   | 6653.8 | 6824.0 | 6950.0 | 6962.6 | 6989.9 | 7048.7 | 7090.7 | 7353.2 | 7464.6 | 7762.8 | 7746.0 |
| 17.5° | 6511.0 | 6565.6 | 6748.3 | 6897.5 | 6872.3 | 6851.3 | 6884.9 | 6920.6 | 7027.7 | 7325.9 | 7321.7 |
| 20°   | 6273.7 | 6448.0 | 6546.7 | 6702.1 | 6842.9 | 6849.2 | 6811.4 | 6790.4 | 6748.3 | 6796.7 | 6840.8 |
| 22.5° | 6172.9 | 6200.2 | 6385.0 | 6494.2 | 6653.8 | 6710.5 | 6718.9 | 6721.0 | 6697.9 | 6672.7 | 6660.1 |
| 25°   | 6162.4 | 6076.2 | 6170.8 | 6307.3 | 6424.9 | 6485.8 | 6555.1 | 6578.2 | 6569.8 | 6569.8 | 6557.2 |
| 27.5° | 5042.9 | 6048.9 | 5998.5 | 6088.8 | 6231.7 | 6273.7 | 6309.4 | 6380.8 | 6424.9 | 6456.4 | 6471.1 |
| 30°   | 4803.4 | 4984.1 | 5864.1 | 5876.7 | 6021.6 | 6017.4 | 6057.3 | 6116.2 | 6172.9 | 6246.4 | 6265.3 |
| 32.5° | 4249.0 | 4692.1 | 5368.4 | 5664.6 | 5815.8 | 5830.5 | 5851.5 | 5868.3 | 5920.8 | 6002.7 | 6074.1 |
| 35°   | 3404.6 | 4274.2 | 4599.7 | 5563.8 | 5591.1 | 5620.5 | 5633.1 | 5673.0 | 5689.8 | 5723.4 | 5786.4 |
| 37.5° | 3081.2 | 3532.7 | 4412.8 | 4811.8 | 5332.7 | 5357.9 | 5425.1 | 5441.9 | 5469.2 | 5496.6 | 5544.9 |
| 40°   | 2894.2 | 3018.2 | 3673.5 | 4297.3 | 5124.8 | 5141.6 | 5164.7 | 5206.7 | 5208.8 | 5240.3 | 5284.4 |
| 42.5° | 2745.1 | 2824.9 | 3016.1 | 4104.0 | 4977.8 | 4975.7 | 4921.1 | 4948.4 | 4961.0 | 4994.6 | 5055.5 |
| 45°   | 2192.7 | 2650.6 | 2772.4 | 3352.1 | 3963.3 | 4249.0 | 4797.1 | 4706.8 | 4704.7 | 4717.3 | 4782.4 |
| 47.5° | 111.3  | 2493.1 | 2579.2 | 2766.1 | 3742.8 | 3753.3 | 3824.7 | 4425.4 | 4517.8 | 4488.4 | 4494.7 |
| 50°   | 75.6   | 172.2  | 2402.8 | 2488.9 | 3226.1 | 3486.5 | 3539.0 | 3566.4 | 3912.9 | 4299.4 | 4236.4 |
| 52.5° | 58.8   | 98.7   | 1472.3 | 2310.4 | 2621.2 | 2812.3 | 3150.5 | 3343.7 | 3364.7 | 3520.1 | 4047.3 |
| 55°   | 52.5   | 75.6   | 159.6  | 2131.8 | 2228.4 | 2270.5 | 2467.9 | 2806.0 | 3079.1 | 3161.0 | 3167.3 |
| 57.5° | 46.2   | 69.3   | 109.2  | 964.0  | 2026.8 | 2035.2 | 2068.8 | 2186.4 | 2432.2 | 2656.9 | 2911.1 |
| 60°   | 42.0   | 60.9   | 86.1   | 165.9  | 1842.0 | 1863.0 | 1869.3 | 1900.8 | 1930.2 | 2083.5 | 2375.5 |
| 62.5° | 25.2   | 48.3   | 75.6   | 119.7  | 1457.6 | 1674.0 | 1671.9 | 1692.9 | 1720.2 | 1737.0 | 1795.8 |
| 65°   | 21.0   | 37.8   | 65.1   | 100.8  | 178.5  | 222.6  | 1352.6 | 1503.8 | 1520.6 | 1543.7 | 1554.2 |
| 67.5° | 18.9   | 33.6   | 48.3   | 79.8   | 134.4  | 153.3  | 176.4  | 218.4  | 1193.0 | 1344.2 | 1365.2 |
| 70°   | 16.8   | 23.1   | 39.9   | 67.2   | 109.2  | 117.6  | 132.3  | 151.2  | 178.5  | 220.5  | 1079.6 |
| 72.5° | 10.5   | 16.8   | 27.3   | 48.3   | 84.0   | 94.5   | 102.9  | 115.5  | 128.1  | 153.3  | 176.4  |
| 75°   | 4.2    | 12.6   | 23.1   | 35.7   | 65.1   | 71.4   | 77.7   | 86.1   | 96.6   | 113.4  | 126.0  |
| 77.5° | 4.2    | 10.5   | 18.9   | 25.2   | 42.0   | 48.3   | 56.7   | 63.0   | 71.4   | 79.8   | 92.4   |
| 80°   | 14.7   | 8.4    | 12.6   | 18.9   | 29.4   | 31.5   | 35.7   | 39.9   | 46.2   | 52.5   | 60.9   |
| 82.5° | 10.5   | 12.6   | 14.7   | 12.6   | 14.7   | 18.9   | 21.0   | 25.2   | 27.3   | 31.5   | 33.6   |
| 85°   | 8.4    | 8.4    | 10.5   | 10.5   | 10.5   | 10.5   | 10.5   | 10.5   | 12.6   | 14.7   | 18.9   |
| 87.5° | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 8.4    | 8.4    |
| 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-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 167°   | 168°   | 169°   | 170°   | 171°   | 172°   | 173°   | 174°   | 175°   | 176°   | 177°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 |
| 2.5°  | 6975.2 | 6971.0 | 6958.4 | 6958.4 | 6956.3 | 6964.7 | 6971.0 | 6977.3 | 6975.2 | 6987.8 | 6975.2 |
| 5°    | 7027.7 | 7017.2 | 6998.3 | 6981.5 | 6975.2 | 6979.4 | 6973.1 | 6979.4 | 6971.0 | 6981.5 | 6962.6 |
| 7.5°  | 7172.6 | 7136.9 | 7063.4 | 7034.0 | 6996.2 | 6994.1 | 6975.2 | 6971.0 | 6958.4 | 6958.4 | 6935.3 |
| 10°   | 7428.9 | 7256.6 | 7235.6 | 7147.4 | 7115.9 | 6962.6 | 6996.2 | 6939.5 | 6933.2 | 6905.9 | 6895.4 |
| 12.5° | 7638.9 | 7504.5 | 7464.6 | 7386.8 | 7298.6 | 6987.8 | 7057.1 | 6935.3 | 6929.0 | 6874.4 | 6817.7 |
| 15°   | 7643.1 | 7720.8 | 7611.6 | 7397.3 | 7378.4 | 7164.2 | 7023.5 | 6981.5 | 6926.9 | 6763.1 | 6790.4 |
| 17.5° | 7397.3 | 7575.9 | 7628.4 | 7582.2 | 7447.8 | 7302.8 | 7105.4 | 7021.4 | 6857.6 | 6784.1 | 6733.6 |
| 20°   | 6998.3 | 7178.9 | 7403.7 | 7418.4 | 7502.4 | 7399.4 | 7141.1 | 7004.6 | 6807.2 | 6679.0 | 6637.0 |
| 22.5° | 6681.1 | 6813.5 | 7071.8 | 7191.5 | 7294.4 | 7330.1 | 7166.3 | 6964.7 | 6718.9 | 6595.0 | 6569.8 |
| 25°   | 6513.1 | 6542.5 | 6620.2 | 6761.0 | 6987.8 | 7151.6 | 7174.7 | 6960.5 | 6832.4 | 6561.4 | 6418.6 |
| 27.5° | 6452.2 | 6427.0 | 6395.5 | 6466.9 | 6637.0 | 6836.6 | 6968.9 | 7004.6 | 6685.3 | 6427.0 | 6284.2 |
| 30°   | 6296.8 | 6311.5 | 6263.2 | 6238.0 | 6349.3 | 6555.1 | 6790.4 | 6849.2 | 6603.4 | 6336.7 | 6172.9 |
| 32.5° | 6105.6 | 6130.9 | 6139.3 | 6095.1 | 6072.0 | 6214.9 | 6469.0 | 6609.7 | 6597.1 | 6208.6 | 6025.8 |
| 35°   | 5866.2 | 5937.6 | 5956.5 | 5958.6 | 5920.8 | 5897.7 | 6044.7 | 6336.7 | 6448.0 | 6149.8 | 5885.1 |
| 37.5° | 5614.2 | 5635.2 | 5738.1 | 5765.4 | 5765.4 | 5696.1 | 5805.3 | 6038.4 | 6193.9 | 6017.4 | 5712.9 |
| 40°   | 5299.1 | 5366.3 | 5462.9 | 5511.3 | 5559.6 | 5565.9 | 5505.0 | 5668.8 | 5925.0 | 5880.9 | 5551.2 |
| 42.5° | 5070.2 | 5114.3 | 5173.1 | 5238.2 | 5336.9 | 5362.1 | 5299.1 | 5328.5 | 5595.3 | 5710.8 | 5341.1 |
| 45°   | 4803.4 | 4862.3 | 4879.1 | 4950.5 | 5053.4 | 5126.9 | 5124.8 | 5063.9 | 5278.1 | 5420.9 | 5187.8 |
| 47.5° | 4530.4 | 4587.1 | 4616.5 | 4652.2 | 4727.8 | 4822.3 | 4874.9 | 4847.6 | 4889.6 | 5168.9 | 4984.1 |
| 50°   | 4249.0 | 4280.5 | 4339.3 | 4379.2 | 4429.6 | 4484.2 | 4610.2 | 4635.4 | 4576.6 | 4799.2 | 4759.3 |
| 52.5° | 3982.2 | 3992.7 | 4032.6 | 4072.5 | 4139.7 | 4179.6 | 4280.5 | 4356.1 | 4351.9 | 4417.0 | 4509.4 |
| 55°   | 3774.3 | 3728.1 | 3736.5 | 3768.0 | 3812.1 | 3873.0 | 3929.7 | 4047.3 | 4087.2 | 4099.8 | 4246.9 |
| 57.5° | 2948.9 | 3423.5 | 3465.5 | 3463.4 | 3515.9 | 3543.3 | 3595.8 | 3673.5 | 3816.3 | 3784.8 | 3948.6 |
| 60°   | 2680.0 | 2732.5 | 3129.5 | 3175.7 | 3194.6 | 3219.8 | 3282.8 | 3354.2 | 3459.2 | 3526.4 | 3597.9 |
| 62.5° | 2043.6 | 2362.9 | 2482.6 | 2833.3 | 2887.9 | 2902.7 | 2944.7 | 2978.3 | 3087.5 | 3240.8 | 3211.4 |
| 65°   | 1581.5 | 1718.1 | 2083.5 | 2226.3 | 2524.6 | 2562.4 | 2621.2 | 2656.9 | 2688.4 | 2864.8 | 2873.2 |
| 67.5° | 1367.3 | 1388.3 | 1487.0 | 1762.2 | 1951.2 | 2243.1 | 2278.9 | 2310.4 | 2358.7 | 2484.7 | 2562.4 |
| 70°   | 1167.8 | 1193.0 | 1220.3 | 1243.4 | 1489.1 | 1682.4 | 1953.3 | 1963.8 | 1995.3 | 2079.3 | 2255.8 |
| 72.5° | 220.5  | 997.7  | 1014.5 | 1029.2 | 1056.5 | 1184.6 | 1442.9 | 1653.0 | 1665.6 | 1705.5 | 1867.2 |
| 75°   | 149.1  | 174.3  | 239.4  | 823.3  | 850.6  | 859.0  | 903.1  | 1165.7 | 1358.9 | 1367.3 | 1438.7 |
| 77.5° | 107.1  | 119.7  | 144.9  | 172.2  | 439.0  | 659.5  | 670.0  | 718.3  | 917.8  | 1062.8 | 1075.4 |
| 80°   | 73.5   | 81.9   | 96.6   | 109.2  | 134.4  | 176.4  | 487.3  | 502.0  | 527.2  | 726.7  | 764.5  |
| 82.5° | 42.0   | 48.3   | 56.7   | 69.3   | 79.8   | 100.8  | 130.2  | 168.0  | 342.4  | 365.5  | 485.2  |
| 85°   | 21.0   | 23.1   | 27.3   | 33.6   | 39.9   | 48.3   | 65.1   | 79.8   | 109.2  | 197.4  | 203.7  |
| 87.5° | 10.5   | 10.5   | 10.5   | 10.5   | 16.8   | 18.9   | 23.1   | 29.4   | 37.8   | 56.7   | 73.5   |
| 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-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 178°   | 179°   | 180°   | 181°   | 182°   | 183°   | 184°   | 185°   | 186°   | 187°   | 188°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 |
| 2.5°  | 6977.3 | 7006.7 | 7031.9 | 7038.2 | 7038.2 | 7042.4 | 7048.7 | 7052.9 | 7057.1 | 7061.3 | 7057.1 |
| 5°    | 6964.7 | 6996.2 | 7017.2 | 7023.5 | 7023.5 | 7036.1 | 7046.6 | 7059.2 | 7065.5 | 7065.5 | 7061.3 |
| 7.5°  | 6933.2 | 6956.3 | 6983.6 | 7000.4 | 7002.5 | 7023.5 | 7042.4 | 7040.3 | 7048.7 | 7052.9 | 7063.4 |
| 10°   | 6891.2 | 6891.2 | 6937.4 | 6950.0 | 6960.5 | 6983.6 | 6989.9 | 7002.5 | 7031.9 | 7036.1 | 7063.4 |
| 12.5° | 6870.2 | 6849.2 | 6903.8 | 6910.1 | 6945.8 | 6916.4 | 6954.2 | 6966.8 | 6937.4 | 6977.3 | 6924.8 |
| 15°   | 6775.7 | 6800.9 | 6792.5 | 6811.4 | 6874.4 | 6840.8 | 6943.7 | 6910.1 | 6985.7 | 6895.4 | 7055.0 |
| 17.5° | 6697.9 | 6693.7 | 6727.3 | 6744.1 | 6756.7 | 6828.2 | 6855.5 | 6893.3 | 6922.7 | 6897.5 | 6960.5 |
| 20°   | 6641.2 | 6607.6 | 6632.8 | 6651.7 | 6695.8 | 6750.4 | 6767.3 | 6710.5 | 6809.3 | 6977.3 | 7017.2 |
| 22.5° | 6534.1 | 6511.0 | 6540.4 | 6540.4 | 6607.6 | 6599.2 | 6662.2 | 6626.5 | 6718.9 | 6914.3 | 7118.0 |
| 25°   | 6389.2 | 6391.3 | 6422.8 | 6460.6 | 6473.2 | 6567.7 | 6601.3 | 6647.5 | 6763.1 | 6996.2 | 7120.1 |
| 27.5° | 6242.2 | 6229.6 | 6248.5 | 6326.2 | 6391.3 | 6460.6 | 6471.1 | 6628.6 | 6786.2 | 6945.8 | 7055.0 |
| 30°   | 6095.1 | 6082.5 | 6095.1 | 6151.9 | 6229.6 | 6275.8 | 6391.3 | 6601.3 | 6748.3 | 6857.6 | 6960.5 |
| 32.5° | 5937.6 | 5925.0 | 5954.4 | 5996.4 | 6133.0 | 6139.3 | 6368.2 | 6565.6 | 6681.1 | 6761.0 | 6742.0 |
| 35°   | 5769.6 | 5752.8 | 5780.1 | 5845.2 | 5971.2 | 6017.4 | 6256.9 | 6403.9 | 6534.1 | 6571.9 | 6483.7 |
| 37.5° | 5568.0 | 5538.6 | 5572.2 | 5662.5 | 5794.8 | 5929.2 | 6128.8 | 6298.9 | 6368.2 | 6267.4 | 6162.4 |
| 40°   | 5357.9 | 5336.9 | 5395.7 | 5441.9 | 5597.4 | 5784.3 | 6013.2 | 6133.0 | 6088.8 | 5973.3 | 5857.8 |
| 42.5° | 5171.0 | 5126.9 | 5179.4 | 5267.6 | 5444.0 | 5656.2 | 5841.0 | 5908.2 | 5803.2 | 5633.1 | 5498.7 |
| 45°   | 4942.1 | 4889.6 | 4952.6 | 5070.2 | 5259.2 | 5500.8 | 5645.7 | 5622.6 | 5444.0 | 5297.0 | 5112.2 |
| 47.5° | 4702.6 | 4639.6 | 4702.6 | 4843.4 | 5055.5 | 5311.7 | 5416.7 | 5311.7 | 5087.0 | 4902.2 | 4753.0 |
| 50°   | 4467.4 | 4393.9 | 4454.8 | 4666.9 | 4874.9 | 5072.3 | 5070.2 | 4866.5 | 4732.0 | 4530.4 | 4400.2 |
| 52.5° | 4234.3 | 4129.2 | 4190.2 | 4421.2 | 4629.1 | 4853.9 | 4687.9 | 4498.9 | 4337.2 | 4160.7 | 4118.7 |
| 55°   | 3946.5 | 3833.1 | 3915.0 | 4251.1 | 4410.7 | 4543.0 | 4278.4 | 4112.4 | 3952.8 | 3864.6 | 3812.1 |
| 57.5° | 3673.5 | 3549.6 | 3621.0 | 4017.9 | 4135.5 | 4169.1 | 3925.5 | 3690.3 | 3595.8 | 3566.4 | 3490.7 |
| 60°   | 3392.0 | 3251.3 | 3318.5 | 3776.4 | 3858.3 | 3721.8 | 3482.3 | 3299.6 | 3280.7 | 3221.9 | 3163.1 |
| 62.5° | 3123.2 | 2967.8 | 3009.8 | 3476.0 | 3513.8 | 3266.0 | 3045.5 | 2997.2 | 2951.0 | 2892.1 | 2860.6 |
| 65°   | 2814.4 | 2652.7 | 2711.5 | 3156.8 | 3121.1 | 2801.8 | 2677.9 | 2667.4 | 2606.5 | 2558.2 | 2604.4 |
| 67.5° | 2530.9 | 2339.8 | 2421.7 | 2808.1 | 2646.4 | 2386.0 | 2335.6 | 2310.4 | 2262.1 | 2289.4 | 1804.2 |
| 70°   | 2220.0 | 2012.1 | 2123.4 | 2432.2 | 2192.7 | 2020.5 | 2001.6 | 1963.8 | 1965.9 | 1562.6 | 1316.9 |
| 72.5° | 1873.5 | 1692.9 | 1854.6 | 2020.5 | 1734.9 | 1684.5 | 1657.2 | 1653.0 | 1333.7 | 1083.8 | 1022.9 |
| 75°   | 1568.9 | 1386.2 | 1560.5 | 1623.6 | 1382.0 | 1348.4 | 1346.3 | 1113.2 | 875.8  | 835.9  | 817.0  |
| 77.5° | 1224.5 | 1083.8 | 1249.7 | 1155.2 | 1060.7 | 1022.9 | 917.8  | 688.9  | 659.5  | 632.2  | 237.3  |
| 80°   | 825.4  | 835.9  | 932.5  | 796.0  | 756.1  | 644.8  | 508.3  | 487.3  | 420.1  | 168.0  | 132.3  |
| 82.5° | 502.0  | 630.1  | 594.4  | 497.8  | 487.3  | 350.8  | 321.3  | 163.8  | 121.8  | 96.6   | 84.0   |
| 85°   | 260.4  | 319.2  | 306.6  | 270.9  | 201.6  | 180.6  | 100.8  | 77.7   | 63.0   | 48.3   | 39.9   |
| 87.5° | 88.2   | 117.6  | 113.4  | 90.3   | 69.3   | 54.6   | 35.7   | 29.4   | 21.0   | 16.8   | 14.7   |
| 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-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 189°   | 190°   | 191°   | 192°   | 193°   | 194°   | 195°   | 196°   | 197°   | 198°   | 199°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 |
| 2.5°  | 7052.9 | 7052.9 | 7048.7 | 7052.9 | 7055.0 | 7050.8 | 7050.8 | 7055.0 | 7057.1 | 7059.2 | 7069.7 |
| 5°    | 7063.4 | 7067.6 | 7073.9 | 7086.5 | 7088.6 | 7113.8 | 7124.3 | 7130.6 | 7136.9 | 7139.0 | 7124.3 |
| 7.5°  | 7086.5 | 7101.2 | 7113.8 | 7111.7 | 7097.0 | 7057.1 | 7044.5 | 7034.0 | 7052.9 | 7101.2 | 7157.9 |
| 10°   | 7107.5 | 7040.3 | 6914.3 | 7086.5 | 7034.0 | 7082.3 | 7225.1 | 7256.6 | 7353.2 | 7489.8 | 7529.7 |
| 12.5° | 6962.6 | 7147.4 | 7187.3 | 6994.1 | 7351.1 | 7218.8 | 7376.3 | 7515.0 | 7554.9 | 7693.5 | 7609.5 |
| 15°   | 7118.0 | 7208.3 | 7269.2 | 7462.5 | 7441.5 | 7554.9 | 7599.0 | 7571.7 | 7578.0 | 7613.7 | 7708.2 |
| 17.5° | 7115.9 | 7296.5 | 7336.4 | 7466.7 | 7554.9 | 7557.0 | 7544.4 | 7531.8 | 7565.4 | 7592.7 | 7536.0 |
| 20°   | 7237.7 | 7296.5 | 7374.2 | 7426.8 | 7443.6 | 7464.6 | 7504.5 | 7473.0 | 7410.0 | 7349.0 | 7323.8 |
| 22.5° | 7176.8 | 7309.1 | 7376.3 | 7384.7 | 7374.2 | 7309.1 | 7250.3 | 7162.1 | 7132.7 | 7101.2 | 7111.7 |
| 25°   | 7189.4 | 7250.3 | 7241.9 | 7208.3 | 7164.2 | 7042.4 | 7013.0 | 6975.2 | 6918.5 | 6782.0 | 6658.0 |
| 27.5° | 7099.1 | 7067.6 | 7029.8 | 6947.9 | 6868.1 | 6803.0 | 6729.4 | 6607.6 | 6506.8 | 6359.8 | 6305.2 |
| 30°   | 6947.9 | 6821.9 | 6729.4 | 6681.1 | 6603.4 | 6494.2 | 6382.9 | 6233.8 | 6105.6 | 6076.2 | 6048.9 |
| 32.5° | 6658.0 | 6534.1 | 6458.5 | 6340.9 | 6208.6 | 6078.3 | 5950.2 | 5891.4 | 5864.1 | 5868.3 | 5843.1 |
| 35°   | 6361.9 | 6252.7 | 6139.3 | 5962.8 | 5864.1 | 5733.9 | 5687.7 | 5675.1 | 5649.9 | 5622.6 | 5593.2 |
| 37.5° | 6046.8 | 5918.7 | 5748.6 | 5643.6 | 5544.9 | 5492.4 | 5469.2 | 5450.3 | 5406.2 | 5357.9 | 5324.3 |
| 40°   | 5742.3 | 5511.3 | 5416.7 | 5313.8 | 5284.4 | 5261.3 | 5227.7 | 5181.5 | 5120.6 | 5112.2 | 5097.5 |
| 42.5° | 5334.8 | 5168.9 | 5087.0 | 5066.0 | 5030.3 | 4990.4 | 4961.0 | 4910.6 | 4885.4 | 4902.2 | 4914.8 |
| 45°   | 4948.4 | 4864.4 | 4837.1 | 4811.8 | 4744.6 | 4687.9 | 4669.0 | 4652.2 | 4673.2 | 4765.6 | 4545.1 |
| 47.5° | 4635.4 | 4601.8 | 4568.2 | 4526.2 | 4463.2 | 4421.2 | 4440.1 | 4456.9 | 4475.8 | 3797.4 | 3465.5 |
| 50°   | 4364.5 | 4318.3 | 4265.8 | 4219.6 | 4181.7 | 4177.5 | 4276.3 | 3980.1 | 3333.2 | 3316.4 | 2980.4 |
| 52.5° | 4068.3 | 3999.0 | 3967.5 | 3940.2 | 3957.0 | 4020.0 | 3326.9 | 3087.5 | 2961.5 | 2572.9 | 2400.7 |
| 55°   | 3749.1 | 3688.2 | 3688.2 | 3713.4 | 3623.1 | 2936.3 | 2900.6 | 2507.8 | 2270.5 | 2203.2 | 2175.9 |
| 57.5° | 3429.8 | 3423.5 | 3459.2 | 3163.1 | 2665.3 | 2556.1 | 2148.6 | 2062.5 | 2024.7 | 2016.3 | 1972.2 |
| 60°   | 3137.9 | 3196.7 | 2675.8 | 2461.6 | 2140.2 | 1930.2 | 1871.4 | 1860.9 | 1821.0 | 1806.3 | 1766.4 |
| 62.5° | 2904.8 | 2409.1 | 2243.1 | 1831.5 | 1724.4 | 1697.1 | 1665.6 | 1650.9 | 1615.2 | 1426.1 | 418.0  |
| 65°   | 2098.2 | 1982.7 | 1608.9 | 1539.5 | 1531.1 | 1491.2 | 1478.6 | 1329.5 | 312.9  | 210.0  | 178.5  |
| 67.5° | 1583.6 | 1405.1 | 1356.8 | 1344.2 | 1304.3 | 1224.5 | 363.4  | 207.9  | 178.5  | 155.4  | 136.5  |
| 70°   | 1216.1 | 1184.6 | 1148.9 | 1119.5 | 329.8  | 205.8  | 178.5  | 151.2  | 130.2  | 115.5  | 105.0  |
| 72.5° | 995.6  | 974.6  | 567.1  | 216.3  | 176.4  | 149.1  | 132.3  | 115.5  | 100.8  | 92.4   | 84.0   |
| 75°   | 779.2  | 216.3  | 178.5  | 149.1  | 128.1  | 109.2  | 96.6   | 86.1   | 77.7   | 71.4   | 65.1   |
| 77.5° | 176.4  | 142.8  | 121.8  | 102.9  | 92.4   | 81.9   | 73.5   | 63.0   | 56.7   | 50.4   | 42.0   |
| 80°   | 109.2  | 94.5   | 79.8   | 73.5   | 63.0   | 52.5   | 46.2   | 42.0   | 33.6   | 31.5   | 27.3   |
| 82.5° | 71.4   | 56.7   | 50.4   | 42.0   | 33.6   | 31.5   | 27.3   | 21.0   | 18.9   | 16.8   | 14.7   |
| 85°   | 31.5   | 27.3   | 23.1   | 18.9   | 14.7   | 12.6   | 10.5   | 8.4    | 8.4    | 8.4    | 8.4    |
| 87.5° | 10.5   | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 4.2    | 4.2    |
| 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-LD5-128SL-RM-UNV-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 200°   | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 |
| 2.5°  | 7073.9 | 7111.7 | 7147.4 | 7136.9 | 7099.1 | 7040.3 | 7023.5 | 7000.4 | 7017.2 | 7052.9 | 7067.6 |
| 5°    | 7124.3 | 7103.3 | 7178.9 | 7290.2 | 7470.9 | 7487.7 | 7613.7 | 7643.1 | 7743.9 | 7806.9 | 7804.8 |
| 7.5°  | 7195.7 | 7494.0 | 7617.9 | 7752.3 | 7813.2 | 7798.5 | 7817.4 | 7802.7 | 7779.6 | 7769.1 | 7756.5 |
| 10°   | 7559.1 | 7785.9 | 7832.1 | 7832.1 | 7737.6 | 7609.5 | 7554.9 | 7460.4 | 7271.3 | 7275.5 | 7244.0 |
| 12.5° | 7771.2 | 7851.0 | 7741.8 | 7649.4 | 7269.2 | 7122.2 | 6962.6 | 6887.0 | 6842.9 | 6775.7 | 6800.9 |
| 15°   | 7659.9 | 7546.5 | 7481.4 | 7183.1 | 6950.0 | 6685.3 | 6689.5 | 6643.3 | 6595.0 | 6599.2 | 6567.7 |
| 17.5° | 7496.1 | 7405.8 | 6943.7 | 6737.8 | 6624.4 | 6521.5 | 6502.6 | 6441.7 | 6410.2 | 6399.7 | 6397.6 |
| 20°   | 7271.3 | 6945.8 | 6601.3 | 6550.9 | 6414.4 | 6296.8 | 6277.9 | 6296.8 | 6393.4 | 6221.2 | 5637.3 |
| 22.5° | 7008.8 | 6540.4 | 6439.6 | 6296.8 | 6204.4 | 6158.2 | 6273.7 | 5748.6 | 4954.7 | 5051.3 | 4948.4 |
| 25°   | 6563.5 | 6359.8 | 6187.6 | 6078.3 | 6067.8 | 5784.3 | 4820.2 | 4719.4 | 4209.1 | 3936.0 | 3629.4 |
| 27.5° | 6238.0 | 6149.8 | 5969.1 | 5950.2 | 5813.7 | 4729.9 | 4228.0 | 3673.5 | 3469.7 | 3438.2 | 3371.0 |
| 30°   | 6040.5 | 5914.5 | 5805.3 | 5328.5 | 4639.6 | 3807.9 | 3392.0 | 3314.3 | 3278.6 | 3240.8 | 3182.0 |
| 32.5° | 5803.2 | 5683.5 | 5736.0 | 4480.0 | 3698.7 | 3278.6 | 3194.6 | 3137.9 | 3072.8 | 3047.6 | 2835.4 |
| 35°   | 5561.7 | 5507.1 | 4482.1 | 3765.9 | 3179.9 | 3079.1 | 3016.1 | 2957.3 | 2352.4 | 569.2  | 193.2  |
| 37.5° | 5303.3 | 5290.7 | 4028.4 | 3125.3 | 2978.3 | 2883.7 | 2705.2 | 558.7  | 132.3  | 90.3   | 67.2   |
| 40°   | 5101.7 | 4030.5 | 3184.1 | 2930.0 | 2810.2 | 2661.1 | 373.9  | 92.4   | 58.8   | 35.7   | 23.1   |
| 42.5° | 4967.3 | 3625.2 | 2850.1 | 2749.3 | 2488.9 | 275.1  | 94.5   | 39.9   | 23.1   | 18.9   | 14.7   |
| 45°   | 3828.9 | 2862.7 | 2663.2 | 2558.2 | 315.0  | 94.5   | 54.6   | 18.9   | 14.7   | 12.6   | 8.4    |
| 47.5° | 3532.7 | 2600.2 | 2482.6 | 558.7  | 105.0  | 50.4   | 37.8   | 12.6   | 8.4    | 8.4    | 8.4    |
| 50°   | 2675.8 | 2402.8 | 1976.4 | 136.5  | 67.2   | 35.7   | 27.3   | 8.4    | 8.4    | 8.4    | 6.3    |
| 52.5° | 2346.1 | 2217.9 | 212.1  | 90.3   | 52.5   | 27.3   | 16.8   | 6.3    | 6.3    | 6.3    | 6.3    |
| 55°   | 2144.4 | 1407.2 | 126.0  | 69.3   | 44.1   | 25.2   | 10.5   | 6.3    | 6.3    | 6.3    | 4.2    |
| 57.5° | 1961.7 | 189.0  | 92.4   | 58.8   | 39.9   | 23.1   | 6.3    | 6.3    | 6.3    | 6.3    | 4.2    |
| 60°   | 1663.5 | 136.5  | 75.6   | 52.5   | 37.8   | 21.0   | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    |
| 62.5° | 216.3  | 107.1  | 65.1   | 46.2   | 27.3   | 16.8   | 4.2    | 6.3    | 6.3    | 6.3    | 6.3    |
| 65°   | 157.5  | 84.0   | 58.8   | 31.5   | 16.8   | 6.3    | 4.2    | 6.3    | 6.3    | 6.3    | 6.3    |
| 67.5° | 121.8  | 69.3   | 44.1   | 27.3   | 14.7   | 4.2    | 4.2    | 6.3    | 6.3    | 6.3    | 6.3    |
| 70°   | 96.6   | 58.8   | 35.7   | 23.1   | 12.6   | 4.2    | 4.2    | 6.3    | 6.3    | 6.3    | 6.3    |
| 72.5° | 75.6   | 42.0   | 25.2   | 12.6   | 8.4    | 4.2    | 4.2    | 6.3    | 6.3    | 6.3    | 6.3    |
| 75°   | 56.7   | 33.6   | 18.9   | 10.5   | 4.2    | 4.2    | 4.2    | 6.3    | 6.3    | 6.3    | 6.3    |
| 77.5° | 37.8   | 21.0   | 14.7   | 8.4    | 8.4    | 8.4    | 10.5   | 10.5   | 6.3    | 6.3    | 6.3    |
| 80°   | 25.2   | 14.7   | 10.5   | 10.5   | 10.5   | 8.4    | 10.5   | 10.5   | 6.3    | 10.5   | 6.3    |
| 82.5° | 12.6   | 10.5   | 10.5   | 8.4    | 8.4    | 6.3    | 8.4    | 8.4    | 8.4    | 8.4    | 6.3    |
| 85°   | 8.4    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 8.4    | 8.4    | 6.3    |
| 87.5° | 4.2    | 4.2    | 4.2    | 4.2    | 6.3    | 6.3    | 6.3    | 6.3    | 8.4    | 8.4    | 6.3    |
| 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-LD5-128SL-RM-UNV-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 |
| 2.5°  | 7048.7 | 7055.0 | 7038.2 | 7128.5 | 7082.3 | 7086.5 | 7105.4 | 7057.1 | 7067.6 | 7034.0 | 7010.9 |
| 5°    | 7813.2 | 7825.8 | 7838.4 | 7842.6 | 7851.0 | 7861.5 | 7848.9 | 7842.6 | 7830.0 | 7788.0 | 7743.9 |
| 7.5°  | 7693.5 | 7678.8 | 7672.5 | 7680.9 | 7695.6 | 7701.9 | 7691.4 | 7706.1 | 7760.7 | 7783.8 | 7798.5 |
| 10°   | 7063.4 | 6996.2 | 7042.4 | 7036.1 | 6983.6 | 7160.0 | 7111.7 | 7139.0 | 7157.9 | 7351.1 | 7468.8 |
| 12.5° | 6763.1 | 6805.1 | 6725.2 | 6685.3 | 6737.8 | 6773.6 | 6809.3 | 6733.6 | 6838.7 | 6790.4 | 6945.8 |
| 15°   | 6511.0 | 6485.8 | 6477.4 | 6479.5 | 6469.0 | 6519.4 | 6532.0 | 6548.8 | 6563.5 | 6628.6 | 6653.8 |
| 17.5° | 6397.6 | 6439.6 | 6456.4 | 6469.0 | 6448.0 | 6424.9 | 6401.8 | 6368.2 | 6378.7 | 6361.9 | 6410.2 |
| 20°   | 5244.5 | 5103.8 | 5095.4 | 5177.3 | 5087.0 | 5137.4 | 5259.2 | 6074.1 | 6046.8 | 6364.0 | 6256.9 |
| 22.5° | 4377.1 | 4244.8 | 4131.3 | 4032.6 | 4173.3 | 4232.2 | 4459.0 | 4715.2 | 5131.1 | 5066.0 | 5517.6 |
| 25°   | 3574.8 | 3526.4 | 3497.0 | 3482.3 | 3492.8 | 3488.6 | 3539.0 | 3658.8 | 3847.8 | 4293.1 | 4868.6 |
| 27.5° | 3343.7 | 3320.6 | 3310.1 | 3276.5 | 3301.7 | 3293.3 | 3333.2 | 3358.4 | 3415.1 | 3459.2 | 3646.2 |
| 30°   | 3161.0 | 3133.7 | 3114.8 | 3079.1 | 3104.3 | 3106.4 | 3119.0 | 3184.1 | 3207.2 | 3245.0 | 3303.8 |
| 32.5° | 1155.2 | 680.5  | 638.5  | 607.0  | 663.7  | 865.3  | 1518.5 | 2654.8 | 3028.7 | 3058.1 | 3125.3 |
| 35°   | 113.4  | 94.5   | 84.0   | 84.0   | 86.1   | 94.5   | 126.0  | 331.9  | 607.0  | 2346.1 | 2936.3 |
| 37.5° | 44.1   | 37.8   | 31.5   | 29.4   | 31.5   | 35.7   | 48.3   | 63.0   | 86.1   | 178.5  | 796.0  |
| 40°   | 18.9   | 16.8   | 14.7   | 14.7   | 14.7   | 14.7   | 16.8   | 21.0   | 31.5   | 58.8   | 92.4   |
| 42.5° | 12.6   | 10.5   | 10.5   | 10.5   | 10.5   | 10.5   | 10.5   | 10.5   | 14.7   | 18.9   | 37.8   |
| 45°   | 8.4    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 8.4    | 10.5   | 16.8   |
| 47.5° | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 8.4    |
| 50°   | 6.3    | 6.3    | 6.3    | 6.3    | 4.2    | 6.3    | 4.2    | 6.3    | 6.3    | 6.3    | 6.3    |
| 52.5° | 6.3    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 6.3    | 6.3    |
| 55°   | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 6.3    |
| 57.5° | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    |
| 60°   | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    |
| 62.5° | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 6.3    | 6.3    | 4.2    |
| 65°   | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 6.3    | 4.2    |
| 67.5° | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    | 4.2    |
| 70°   | 6.3    | 6.3    | 4.2    | 6.3    | 4.2    | 4.2    | 6.3    | 6.3    | 6.3    | 4.2    | 4.2    |
| 72.5° | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 12.6   | 12.6   | 8.4    |
| 75°   | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 10.5   | 12.6   | 10.5   |
| 77.5° | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 10.5   | 10.5   | 10.5   |
| 80°   | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 8.4    | 8.4    | 8.4    |
| 82.5° | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 8.4    | 8.4    | 8.4    |
| 85°   | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    |
| 87.5° | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    |
| 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-LD5-128SL-RM-UNV-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 340°   | 341°   | 342°   | 343°   | 344°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 |
| 2.5°  | 6971.0 | 6968.9 | 7013.0 | 7046.6 | 7034.0 | 7046.6 | 7061.3 | 7063.4 | 7067.6 | 7050.8 | 7044.5 |
| 5°    | 7659.9 | 7594.8 | 7468.8 | 7378.4 | 7273.4 | 7082.3 | 6987.8 | 6998.3 | 7000.4 | 6994.1 | 7002.5 |
| 7.5°  | 7792.2 | 7785.9 | 7741.8 | 7722.9 | 7651.5 | 7515.0 | 7296.5 | 7258.7 | 7166.3 | 7107.5 | 7059.2 |
| 10°   | 7460.4 | 7611.6 | 7651.5 | 7718.7 | 7760.7 | 7735.5 | 7550.7 | 7523.4 | 7464.6 | 7397.3 | 7412.1 |
| 12.5° | 7101.2 | 7225.1 | 7231.4 | 7596.9 | 7678.8 | 7687.2 | 7615.8 | 7653.6 | 7662.0 | 7510.8 | 7422.6 |
| 15°   | 6660.1 | 6718.9 | 6842.9 | 7183.1 | 7431.0 | 7586.4 | 7632.6 | 7653.6 | 7550.7 | 7544.4 | 7508.7 |
| 17.5° | 6466.9 | 6504.7 | 6561.4 | 6752.5 | 7128.5 | 7357.4 | 7552.8 | 7538.1 | 7578.0 | 7548.6 | 7458.3 |
| 20°   | 6223.3 | 6254.8 | 6355.6 | 6452.2 | 6637.0 | 6941.6 | 7307.0 | 7334.3 | 7386.8 | 7380.5 | 7405.8 |
| 22.5° | 6219.1 | 6107.7 | 6124.6 | 6200.2 | 6393.4 | 6666.4 | 7055.0 | 7145.3 | 7178.9 | 7202.0 | 7229.3 |
| 25°   | 4933.7 | 5817.9 | 5979.6 | 6027.9 | 6154.0 | 6313.6 | 6771.5 | 6805.1 | 6868.1 | 6971.0 | 7046.6 |
| 27.5° | 4274.2 | 4874.9 | 5521.8 | 5857.8 | 5937.6 | 6069.9 | 6343.0 | 6393.4 | 6607.6 | 6632.8 | 6750.4 |
| 30°   | 3373.1 | 3837.3 | 4803.4 | 5612.1 | 5744.4 | 5836.8 | 6030.0 | 6130.9 | 6223.3 | 6324.1 | 6448.0 |
| 32.5° | 3173.6 | 3247.1 | 3782.7 | 4643.8 | 5673.0 | 5603.7 | 5746.5 | 5807.4 | 5908.2 | 5996.4 | 6086.7 |
| 35°   | 2990.9 | 3041.3 | 3154.7 | 3803.7 | 4620.7 | 5412.5 | 5509.2 | 5549.1 | 5605.8 | 5673.0 | 5738.1 |
| 37.5° | 2799.7 | 2875.3 | 2953.1 | 3127.4 | 4274.2 | 5261.3 | 5259.2 | 5305.4 | 5339.0 | 5395.7 | 5450.3 |
| 40°   | 508.3  | 2640.1 | 2766.1 | 2879.5 | 3314.3 | 4196.5 | 5024.0 | 5045.0 | 5068.1 | 5103.8 | 5160.5 |
| 42.5° | 81.9   | 441.1  | 2591.8 | 2701.0 | 2824.9 | 3757.5 | 4916.9 | 4830.8 | 4816.0 | 4841.3 | 4891.7 |
| 45°   | 42.0   | 107.1  | 520.9  | 2522.5 | 2633.8 | 2997.2 | 4020.0 | 4681.6 | 4666.9 | 4618.6 | 4629.1 |
| 47.5° | 31.5   | 67.2   | 128.1  | 871.6  | 2465.8 | 2572.9 | 3709.2 | 3669.3 | 3948.6 | 4484.2 | 4402.3 |
| 50°   | 27.3   | 46.2   | 75.6   | 178.5  | 2178.0 | 2369.2 | 2856.4 | 3337.4 | 3484.4 | 3503.3 | 4146.0 |
| 52.5° | 25.2   | 31.5   | 54.6   | 115.5  | 457.9  | 2190.6 | 2323.0 | 2491.0 | 2738.8 | 3270.2 | 3257.6 |
| 55°   | 23.1   | 29.4   | 46.2   | 77.7   | 159.6  | 1974.3 | 2110.8 | 2142.3 | 2194.8 | 2449.0 | 2785.0 |
| 57.5° | 12.6   | 27.3   | 44.1   | 67.2   | 119.7  | 361.3  | 1915.5 | 1940.7 | 1982.7 | 1993.2 | 2112.9 |
| 60°   | 6.3    | 25.2   | 39.9   | 58.8   | 88.2   | 168.0  | 1722.3 | 1751.7 | 1776.9 | 1781.1 | 1818.9 |
| 62.5° | 4.2    | 23.1   | 33.6   | 54.6   | 73.5   | 119.7  | 407.5  | 831.7  | 1581.5 | 1581.5 | 1625.7 |
| 65°   | 4.2    | 16.8   | 21.0   | 35.7   | 67.2   | 98.7   | 172.2  | 199.5  | 388.6  | 955.6  | 1426.1 |
| 67.5° | 4.2    | 6.3    | 18.9   | 29.4   | 50.4   | 75.6   | 126.0  | 147.0  | 176.4  | 201.6  | 373.9  |
| 70°   | 4.2    | 4.2    | 16.8   | 18.9   | 31.5   | 56.7   | 90.3   | 102.9  | 119.7  | 136.5  | 157.5  |
| 72.5° | 4.2    | 4.2    | 14.7   | 14.7   | 21.0   | 37.8   | 69.3   | 75.6   | 86.1   | 96.6   | 111.3  |
| 75°   | 10.5   | 8.4    | 12.6   | 12.6   | 14.7   | 29.4   | 52.5   | 58.8   | 63.0   | 71.4   | 81.9   |
| 77.5° | 10.5   | 10.5   | 10.5   | 10.5   | 10.5   | 18.9   | 33.6   | 37.8   | 44.1   | 48.3   | 56.7   |
| 80°   | 8.4    | 8.4    | 8.4    | 10.5   | 10.5   | 12.6   | 21.0   | 23.1   | 25.2   | 31.5   | 33.6   |
| 82.5° | 8.4    | 8.4    | 8.4    | 8.4    | 8.4    | 8.4    | 8.4    | 8.4    | 12.6   | 14.7   | 18.9   |
| 85°   | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 8.4    | 8.4    | 8.4    | 8.4    |
| 87.5° | 6.3    | 6.3    | 6.3    | 4.2    | 4.2    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    | 6.3    |
| 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-LD5-128SL-RM-UNV-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 345°   | 346°   | 347°   | 348°   | 349°   | 350°   | 351°   | 352°   | 353°   | 354°   | 355°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 |
| 2.5°  | 7042.4 | 7029.8 | 7019.3 | 7025.6 | 7006.7 | 6998.3 | 7004.6 | 7006.7 | 7010.9 | 7021.4 | 7023.5 |
| 5°    | 7023.5 | 7019.3 | 7038.2 | 7048.7 | 7044.5 | 7048.7 | 7048.7 | 7040.3 | 7027.7 | 7036.1 | 7017.2 |
| 7.5°  | 7010.9 | 6983.6 | 6962.6 | 6966.8 | 6945.8 | 6971.0 | 6994.1 | 7027.7 | 7038.2 | 7038.2 | 7017.2 |
| 10°   | 7227.2 | 7197.8 | 7080.2 | 7000.4 | 6947.9 | 6901.7 | 7010.9 | 6899.6 | 6952.1 | 6752.5 | 6981.5 |
| 12.5° | 7405.8 | 7445.7 | 7393.1 | 7174.7 | 7136.9 | 6998.3 | 7078.1 | 6941.6 | 6901.7 | 6672.7 | 6746.2 |
| 15°   | 7477.2 | 7401.6 | 7384.7 | 7323.8 | 7241.9 | 7202.0 | 6987.8 | 6964.7 | 6899.6 | 6924.8 | 6828.2 |
| 17.5° | 7414.2 | 7452.0 | 7401.6 | 7361.6 | 7277.6 | 7183.1 | 7055.0 | 6941.6 | 6851.3 | 6649.6 | 6819.8 |
| 20°   | 7353.2 | 7403.7 | 7252.4 | 7277.6 | 7286.0 | 7176.8 | 7109.6 | 7015.1 | 6901.7 | 6712.6 | 6565.6 |
| 22.5° | 7252.4 | 7216.7 | 7229.3 | 7191.5 | 7160.0 | 7174.7 | 7082.3 | 7017.2 | 6826.1 | 6739.9 | 6540.4 |
| 25°   | 7088.6 | 7076.0 | 7109.6 | 7105.4 | 7029.8 | 7004.6 | 6958.4 | 6889.1 | 6813.5 | 6674.8 | 6511.0 |
| 27.5° | 6821.9 | 6887.0 | 6945.8 | 6973.1 | 6933.2 | 6866.0 | 6840.8 | 6800.9 | 6748.3 | 6607.6 | 6485.8 |
| 30°   | 6540.4 | 6613.9 | 6681.1 | 6739.9 | 6775.7 | 6746.2 | 6723.1 | 6700.0 | 6620.2 | 6527.8 | 6391.3 |
| 32.5° | 6219.1 | 6315.7 | 6408.1 | 6479.5 | 6557.2 | 6580.3 | 6563.5 | 6544.6 | 6477.4 | 6393.4 | 6284.2 |
| 35°   | 5847.3 | 5979.6 | 6114.1 | 6242.2 | 6275.8 | 6330.4 | 6385.0 | 6353.5 | 6317.8 | 6233.8 | 6133.0 |
| 37.5° | 5532.3 | 5626.8 | 5723.4 | 5885.1 | 6002.7 | 6072.0 | 6168.7 | 6181.3 | 6120.4 | 6080.4 | 5948.1 |
| 40°   | 5206.7 | 5292.8 | 5433.5 | 5528.1 | 5689.8 | 5769.6 | 5872.5 | 5918.7 | 5904.0 | 5880.9 | 5765.4 |
| 42.5° | 4950.5 | 4992.5 | 5084.9 | 5168.9 | 5328.5 | 5492.4 | 5582.7 | 5633.1 | 5685.6 | 5666.7 | 5607.9 |
| 45°   | 4677.4 | 4715.2 | 4746.7 | 4820.2 | 4975.7 | 5120.6 | 5231.9 | 5307.5 | 5402.0 | 5446.1 | 5374.7 |
| 47.5° | 4406.5 | 4417.0 | 4454.8 | 4515.7 | 4608.1 | 4719.4 | 4906.4 | 5019.8 | 5108.0 | 5194.1 | 5147.9 |
| 50°   | 4198.6 | 4160.7 | 4167.0 | 4204.9 | 4280.5 | 4389.7 | 4524.1 | 4683.7 | 4784.5 | 4889.6 | 4900.1 |
| 52.5° | 3669.3 | 3975.9 | 3902.4 | 3923.4 | 3963.3 | 4015.8 | 4156.5 | 4314.1 | 4438.0 | 4528.3 | 4618.6 |
| 55°   | 3079.1 | 3140.0 | 3730.2 | 3646.2 | 3671.4 | 3717.6 | 3782.7 | 3940.2 | 4059.9 | 4186.0 | 4312.0 |
| 57.5° | 2388.1 | 2841.7 | 2864.8 | 3410.9 | 3398.3 | 3402.5 | 3457.1 | 3547.5 | 3667.2 | 3824.7 | 3931.8 |
| 60°   | 1856.7 | 2047.8 | 2419.6 | 2608.6 | 3087.5 | 3104.3 | 3135.8 | 3188.3 | 3291.2 | 3440.3 | 3610.5 |
| 62.5° | 1638.3 | 1663.5 | 1795.8 | 2079.3 | 2390.2 | 2766.1 | 2833.3 | 2841.7 | 2887.9 | 3037.1 | 3234.5 |
| 65°   | 1438.7 | 1455.5 | 1495.4 | 1524.8 | 1785.3 | 2148.6 | 2472.1 | 2524.6 | 2554.0 | 2642.2 | 2810.2 |
| 67.5° | 991.4  | 1253.9 | 1289.6 | 1310.6 | 1335.8 | 1503.8 | 1905.0 | 2171.7 | 2205.3 | 2283.1 | 2430.1 |
| 70°   | 191.1  | 397.0  | 1085.9 | 1109.0 | 1121.6 | 1159.4 | 1224.5 | 1648.8 | 1871.4 | 1944.9 | 2012.1 |
| 72.5° | 130.2  | 153.3  | 184.8  | 436.9  | 924.1  | 945.1  | 959.8  | 1014.5 | 1390.4 | 1604.6 | 1640.4 |
| 75°   | 94.5   | 105.0  | 123.9  | 153.3  | 189.0  | 615.4  | 762.4  | 789.7  | 817.0  | 1127.9 | 1308.5 |
| 77.5° | 67.2   | 75.6   | 84.0   | 98.7   | 115.5  | 149.1  | 214.2  | 590.2  | 617.5  | 632.2  | 892.6  |
| 80°   | 37.8   | 46.2   | 56.7   | 65.1   | 73.5   | 84.0   | 109.2  | 136.5  | 304.5  | 445.3  | 468.4  |
| 82.5° | 21.0   | 25.2   | 29.4   | 35.7   | 39.9   | 50.4   | 60.9   | 73.5   | 96.6   | 142.8  | 302.4  |
| 85°   | 10.5   | 10.5   | 10.5   | 14.7   | 16.8   | 23.1   | 27.3   | 31.5   | 44.1   | 60.9   | 84.0   |
| 87.5° | 6.3    | 6.3    | 8.4    | 8.4    | 8.4    | 10.5   | 10.5   | 10.5   | 12.6   | 18.9   | 27.3   |
| 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-LD5-128SL-RM-UNV-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 356°   | 357°   | 358°   | 359°   | 360°   |
|-------|--------|--------|--------|--------|--------|
| 0°    | 6998.3 | 6998.3 | 6998.3 | 6998.3 | 6998.3 |
| 2.5°  | 7025.6 | 7019.3 | 7019.3 | 7044.5 | 7038.2 |
| 5°    | 7013.0 | 7006.7 | 7004.6 | 7031.9 | 7019.3 |
| 7.5°  | 7002.5 | 6979.4 | 6973.1 | 6998.3 | 6987.8 |
| 10°   | 6960.5 | 6943.7 | 6954.2 | 6945.8 | 6941.6 |
| 12.5° | 6889.1 | 6878.6 | 6834.5 | 6838.7 | 6874.4 |
| 15°   | 6761.0 | 6803.0 | 6727.3 | 6794.6 | 6809.3 |
| 17.5° | 6525.7 | 6620.2 | 6693.7 | 6733.6 | 6739.9 |
| 20°   | 6630.7 | 6662.2 | 6624.4 | 6626.5 | 6651.7 |
| 22.5° | 6494.2 | 6508.9 | 6519.4 | 6506.8 | 6561.4 |
| 25°   | 6275.8 | 6219.1 | 6340.9 | 6366.1 | 6454.3 |
| 27.5° | 6208.6 | 6162.4 | 6219.1 | 6214.9 | 6288.4 |
| 30°   | 6154.0 | 6004.8 | 6030.0 | 6069.9 | 6160.3 |
| 32.5° | 6076.2 | 5841.0 | 5815.8 | 5904.0 | 6004.8 |
| 35°   | 5939.7 | 5717.1 | 5658.3 | 5715.0 | 5866.2 |
| 37.5° | 5824.2 | 5544.9 | 5427.2 | 5502.9 | 5700.3 |
| 40°   | 5652.0 | 5410.4 | 5227.7 | 5294.9 | 5528.1 |
| 42.5° | 5446.1 | 5294.9 | 5013.5 | 5059.7 | 5326.4 |
| 45°   | 5238.2 | 5103.8 | 4805.5 | 4828.7 | 5145.8 |
| 47.5° | 5026.1 | 4902.2 | 4589.2 | 4593.4 | 4914.8 |
| 50°   | 4818.1 | 4654.3 | 4396.0 | 4322.5 | 4669.0 |
| 52.5° | 4547.2 | 4396.0 | 4200.7 | 4080.9 | 4435.9 |
| 55°   | 4291.0 | 4120.8 | 3978.0 | 3793.2 | 4171.2 |
| 57.5° | 4041.0 | 3852.0 | 3755.4 | 3518.0 | 3870.9 |
| 60°   | 3698.7 | 3608.4 | 3465.5 | 3238.7 | 3600.0 |
| 62.5° | 3347.9 | 3318.5 | 3173.6 | 2938.4 | 3266.0 |
| 65°   | 2938.4 | 3007.7 | 2858.5 | 2656.9 | 2919.5 |
| 67.5° | 2551.9 | 2675.8 | 2512.0 | 2388.1 | 2585.5 |
| 70°   | 2140.2 | 2283.1 | 2190.6 | 2146.5 | 2230.5 |
| 72.5° | 1734.9 | 1873.5 | 1881.9 | 1850.4 | 1877.7 |
| 75°   | 1340.0 | 1493.3 | 1577.3 | 1529.0 | 1535.3 |
| 77.5° | 1016.6 | 1090.1 | 1182.5 | 1220.3 | 1211.9 |
| 80°   | 628.0  | 756.1  | 831.7  | 909.4  | 882.1  |
| 82.5° | 317.1  | 424.3  | 516.7  | 600.7  | 560.8  |
| 85°   | 132.3  | 170.1  | 237.3  | 312.9  | 300.3  |
| 87.5° | 39.9   | 67.2   | 71.4   | 100.8  | 94.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)