

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-LD5-112SL-LC-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 (P33518)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 8SNLED-LD5-112SL-LC-UNV-L935-CD1-U
Description: 8FT LINEAR SNLED LED FIXTURE
CLEAR LENSED
Light Source: -
Ballast/Driver: -

Summary

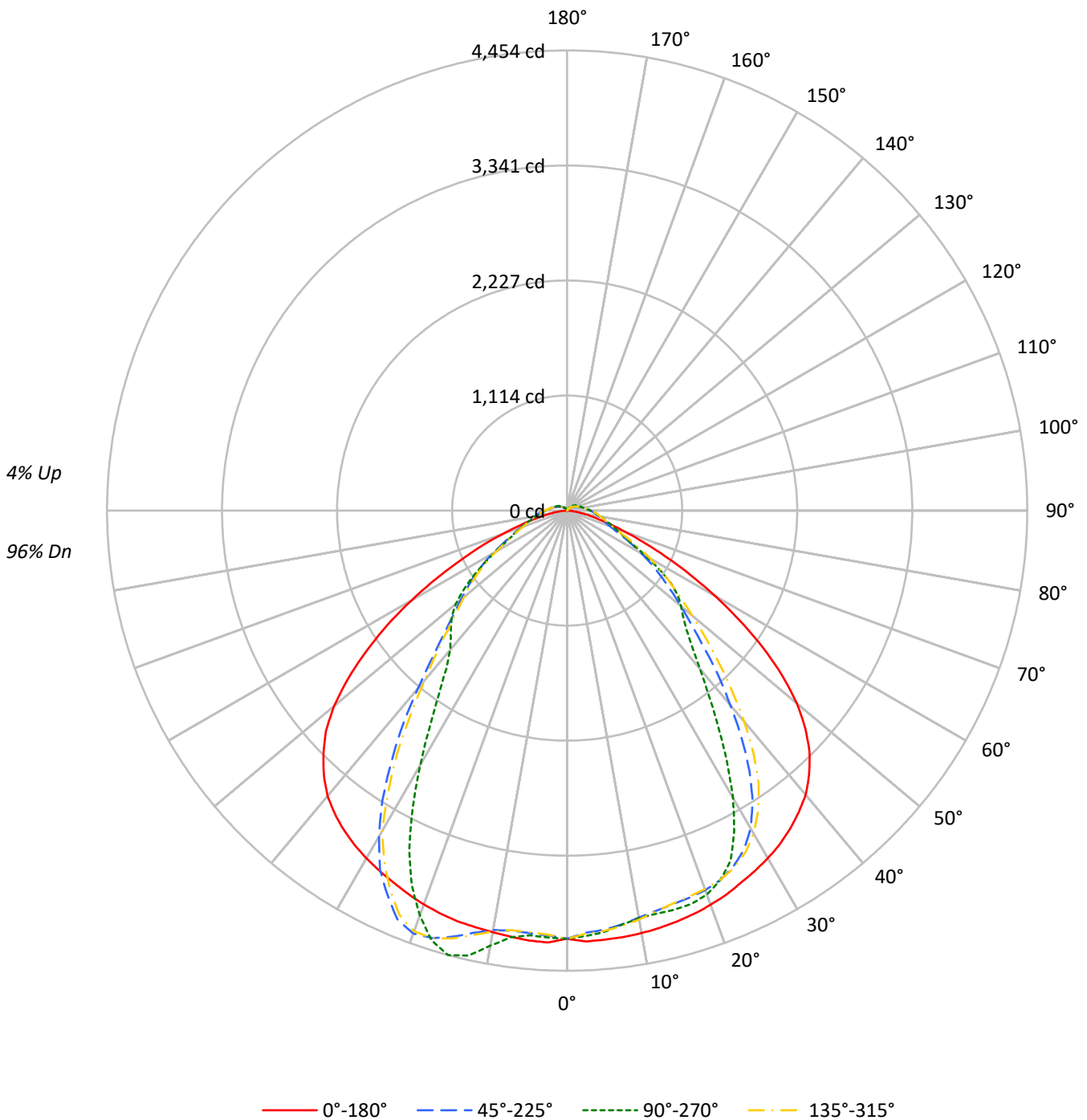
Lumens per Lamp: N/A
Luminaire Lumens: 9878.0 lumens
Efficiency: N/A
Efficacy: 107.4 lumens/watt
Spacing Criteria (0/90/45): 1.4 / 1.12 / 1.19
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 8' x H: 0.12')
CIE Type: Direct

Input Watts (W): 92
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-LD5-112SL-LC-UNV-L935-CD1-U

Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-112SL-LC-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 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 118 | 118 | 118 | 118 | 115 | 115 | 115 | 115 | 109 | 109 | 109 | 103 | 103 | 103 | 98 | 98 | 98 | 96 | | | | |
| 1 | 109 | 104 | 100 | 97 | 106 | 102 | 98 | 95 | 97 | 94 | 91 | 92 | 90 | 88 | 88 | 86 | 84 | 82 | | | | |
| 2 | 100 | 93 | 86 | 81 | 97 | 90 | 85 | 80 | 86 | 82 | 77 | 82 | 79 | 75 | 79 | 76 | 73 | 71 | | | | |
| 3 | 92 | 83 | 75 | 69 | 89 | 81 | 74 | 68 | 77 | 71 | 67 | 74 | 69 | 65 | 71 | 67 | 63 | 61 | | | | |
| 4 | 85 | 74 | 66 | 60 | 83 | 73 | 65 | 59 | 70 | 63 | 58 | 67 | 61 | 57 | 64 | 60 | 56 | 54 | | | | |
| 5 | 79 | 67 | 59 | 52 | 76 | 66 | 58 | 52 | 63 | 56 | 51 | 61 | 55 | 50 | 59 | 53 | 49 | 47 | | | | |
| 6 | 73 | 61 | 52 | 46 | 71 | 60 | 52 | 46 | 57 | 51 | 45 | 55 | 49 | 45 | 54 | 48 | 44 | 42 | | | | |
| 7 | 68 | 55 | 47 | 42 | 66 | 54 | 47 | 41 | 53 | 46 | 41 | 51 | 45 | 40 | 49 | 44 | 40 | 38 | | | | |
| 8 | 64 | 51 | 43 | 37 | 62 | 50 | 42 | 37 | 48 | 42 | 37 | 47 | 41 | 36 | 45 | 40 | 36 | 34 | | | | |
| 9 | 60 | 47 | 39 | 34 | 58 | 46 | 39 | 34 | 45 | 38 | 33 | 43 | 37 | 33 | 42 | 37 | 33 | 31 | | | | |
| 10 | 56 | 43 | 36 | 31 | 54 | 43 | 36 | 31 | 42 | 35 | 30 | 40 | 34 | 30 | 39 | 34 | 30 | 28 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 16742 | 16742 | 16742 | 16742 |
| 5° | 16887 | 16078 | 16922 | 16204 |
| 10° | 16989 | 15410 | 16954 | 16456 |
| 15° | 17144 | 15204 | 17136 | 16928 |
| 20° | 17359 | 14962 | 17341 | 15772 |
| 25° | 17600 | 14194 | 17591 | 13715 |
| 30° | 17962 | 12302 | 17972 | 10899 |
| 35° | 18348 | 9948 | 18400 | 8418 |
| 40° | 18698 | 8010 | 18776 | 7057 |
| 45° | 18677 | 6784 | 18773 | 6607 |
| 50° | 17923 | 6247 | 18174 | 6107 |
| 55° | 15957 | 5614 | 16356 | 5104 |
| 60° | 13000 | 4297 | 13690 | 3941 |
| 65° | 9722 | 3288 | 10474 | 3118 |
| 70° | 6667 | 2838 | 7516 | 2714 |
| 75° | 4419 | 2561 | 5147 | 2421 |
| 80° | 2928 | 2387 | 3431 | 2197 |
| 85° | 1601 | 2382 | 2104 | 2176 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-112SL-LC-UNV-L935-CD1-U

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 393.6 | 4.0 |
| 10°-20° | 1171.1 | 11.9 |
| 20°-30° | 1780.3 | 18.0 |
| 30°-40° | 1909.9 | 19.3 |
| 40°-50° | 1657.6 | 16.8 |
| 50°-60° | 1228.4 | 12.4 |
| 60°-70° | 703.8 | 7.1 |
| 70°-80° | 389.8 | 3.9 |
| 80°-90° | 237.3 | 2.4 |
| 90°-100° | 154.3 | 1.6 |
| 100°-110° | 103.4 | 1.0 |
| 110°-120° | 69.8 | 0.7 |
| 120°-130° | 42.8 | 0.4 |
| 130°-140° | 22.5 | 0.2 |
| 140°-150° | 10.3 | 0.1 |
| 150°-160° | 3.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-30° | 3345.0 | 33.9 |
| 0°-40° | 5254.9 | 53.2 |
| 0°-60° | 8140.9 | 82.4 |
| 0°-90° | 9471.9 | 95.9 |
| 90°-120° | 327.5 | 3.3 |
| 90°-150° | 403.1 | 4.1 |
| 90°-180° | 406.0 | 4.1 |
| 0°-180° | 9878.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 4144 | 4144 | 4144 | 4144 | 4144 | |
| 5° | 4169 | 4094 | 4178 | 4126 | 4169 | 397 |
| 15° | 4116 | 4000 | 4114 | 4454 | 4116 | 1165 |
| 25° | 3977 | 3741 | 3974 | 3615 | 3977 | 1838 |
| 35° | 3760 | 2547 | 3771 | 2155 | 3760 | 2354 |
| 45° | 3320 | 1633 | 3337 | 1590 | 3320 | 2541 |
| 55° | 2316 | 1224 | 2374 | 1113 | 2316 | 2054 |
| 65° | 1051 | 621 | 1132 | 589 | 1051 | 1059 |
| 75° | 300 | 394 | 349 | 372 | 300 | 342 |
| 85° | 41 | 272 | 54 | 248 | 41 | 54 |
| 90° | 0 | 227 | 4 | 210 | 0 | 2 |
| 95° | 2 | 186 | 0 | 178 | 2 | 1 |
| 105° | 2 | 139 | 2 | 133 | 2 | 2 |
| 115° | 2 | 113 | 2 | 103 | 2 | 2 |
| 125° | 2 | 86 | 2 | 71 | 2 | 2 |
| 135° | 2 | 54 | 2 | 45 | 2 | 2 |
| 145° | 2 | 32 | 4 | 26 | 2 | 1 |
| 155° | 4 | 15 | 4 | 13 | 4 | 1 |
| 165° | 0 | 0 | 0 | 0 | 0 | 0 |
| 175° | 0 | 0 | 0 | 0 | 0 | 0 |
| 180° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-112SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 |
| 2.5° | 4173.5 | 4162.8 | 4158.6 | 4150.0 | 4156.4 | 4182.1 | 4165.0 | 4137.1 | 4139.3 | 4090.1 | 4115.7 |
| 5° | 4169.3 | 4156.4 | 4150.0 | 4141.4 | 4145.7 | 4169.3 | 4152.1 | 4124.3 | 4122.2 | 4072.9 | 4096.5 |
| 7.5° | 4162.8 | 4150.0 | 4139.3 | 4132.9 | 4135.0 | 4154.3 | 4132.9 | 4100.8 | 4094.3 | 4040.8 | 4062.2 |
| 10° | 4152.1 | 4143.6 | 4128.6 | 4117.9 | 4115.7 | 4137.1 | 4102.9 | 4070.8 | 4055.8 | 4000.2 | 4021.6 |
| 12.5° | 4137.1 | 4124.3 | 4109.3 | 4090.1 | 4087.9 | 4100.8 | 4072.9 | 4028.0 | 4013.0 | 3968.1 | 3991.6 |
| 15° | 4115.7 | 4100.8 | 4083.6 | 4062.2 | 4051.5 | 4060.1 | 4025.9 | 3985.2 | 3983.0 | 3944.5 | 3976.6 |
| 17.5° | 4092.2 | 4070.8 | 4051.5 | 4021.6 | 4006.6 | 4013.0 | 3985.2 | 3948.8 | 3953.1 | 3929.5 | 3965.9 |
| 20° | 4060.1 | 4036.6 | 4006.6 | 3976.6 | 3955.2 | 3965.9 | 3946.7 | 3918.8 | 3925.3 | 3908.1 | 3940.2 |
| 22.5° | 4023.7 | 3991.6 | 3955.2 | 3921.0 | 3903.9 | 3918.8 | 3903.9 | 3880.3 | 3882.5 | 3871.8 | 3891.0 |
| 25° | 3976.6 | 3940.2 | 3897.4 | 3854.6 | 3846.1 | 3856.8 | 3848.2 | 3829.0 | 3820.4 | 3803.3 | 3811.8 |
| 27.5° | 3933.8 | 3893.2 | 3839.7 | 3794.7 | 3779.7 | 3801.1 | 3781.9 | 3749.8 | 3726.2 | 3702.7 | 3685.6 |
| 30° | 3884.6 | 3835.4 | 3775.4 | 3724.1 | 3711.2 | 3719.8 | 3692.0 | 3642.7 | 3580.7 | 3550.7 | 3503.6 |
| 32.5° | 3831.1 | 3766.9 | 3692.0 | 3634.2 | 3625.6 | 3619.2 | 3567.8 | 3497.2 | 3400.9 | 3341.0 | 3268.2 |
| 35° | 3760.5 | 3689.8 | 3599.9 | 3529.3 | 3516.5 | 3480.1 | 3396.6 | 3302.4 | 3178.3 | 3075.6 | 2951.4 |
| 37.5° | 3681.3 | 3597.8 | 3503.6 | 3409.5 | 3373.1 | 3300.3 | 3182.6 | 3084.1 | 2895.8 | 2771.7 | 2621.8 |
| 40° | 3591.4 | 3490.8 | 3375.2 | 3261.8 | 3201.8 | 3084.1 | 2949.3 | 2803.8 | 2621.8 | 2454.9 | 2328.6 |
| 42.5° | 3467.2 | 3360.2 | 3223.3 | 3097.0 | 2994.2 | 2838.0 | 2679.6 | 2474.2 | 2307.2 | 2166.0 | 2037.5 |
| 45° | 3319.6 | 3191.1 | 3032.8 | 2880.8 | 2750.3 | 2564.0 | 2377.8 | 2172.4 | 2033.3 | 1868.5 | 1780.7 |
| 47.5° | 3129.1 | 2990.0 | 2820.9 | 2651.8 | 2480.6 | 2275.1 | 2080.3 | 1883.4 | 1744.3 | 1626.6 | 1562.4 |
| 50° | 2904.4 | 2775.9 | 2589.7 | 2388.5 | 2200.2 | 1986.2 | 1791.4 | 1643.7 | 1508.9 | 1436.1 | 1386.9 |
| 52.5° | 2626.1 | 2506.3 | 2315.8 | 2097.5 | 1915.5 | 1705.8 | 1528.2 | 1408.3 | 1312.0 | 1258.5 | 1241.4 |
| 55° | 2315.8 | 2210.9 | 2022.6 | 1819.2 | 1633.0 | 1440.4 | 1305.6 | 1200.7 | 1138.6 | 1106.5 | 1108.7 |
| 57.5° | 1984.0 | 1902.7 | 1725.1 | 1543.1 | 1367.6 | 1222.1 | 1100.1 | 1016.6 | 969.5 | 967.4 | 973.8 |
| 60° | 1652.3 | 1592.4 | 1438.3 | 1282.0 | 1127.9 | 1010.2 | 920.3 | 862.5 | 832.6 | 834.7 | 832.6 |
| 62.5° | 1335.5 | 1279.9 | 1168.6 | 1040.2 | 918.2 | 839.0 | 757.7 | 734.1 | 708.4 | 706.3 | 706.3 |
| 65° | 1050.9 | 1008.1 | 918.2 | 826.1 | 734.1 | 682.7 | 642.1 | 614.3 | 595.0 | 590.7 | 592.9 |
| 67.5° | 789.8 | 772.6 | 710.6 | 648.5 | 590.7 | 558.6 | 524.4 | 517.9 | 503.0 | 503.0 | 507.2 |
| 70° | 588.6 | 575.7 | 541.5 | 505.1 | 481.6 | 460.2 | 443.0 | 443.0 | 440.9 | 438.8 | 449.5 |
| 72.5° | 425.9 | 428.1 | 417.4 | 389.5 | 387.4 | 383.1 | 378.8 | 385.2 | 387.4 | 393.8 | 406.7 |
| 75° | 299.6 | 306.1 | 306.1 | 301.8 | 310.3 | 321.0 | 327.5 | 338.2 | 351.0 | 359.6 | 374.5 |
| 77.5° | 211.9 | 211.9 | 222.6 | 235.4 | 252.6 | 271.8 | 288.9 | 303.9 | 321.0 | 331.7 | 344.6 |
| 80° | 137.0 | 143.4 | 160.5 | 184.1 | 207.6 | 233.3 | 256.8 | 276.1 | 293.2 | 310.3 | 318.9 |
| 82.5° | 81.3 | 92.0 | 113.4 | 143.4 | 173.4 | 205.5 | 229.0 | 252.6 | 271.8 | 288.9 | 295.4 |
| 85° | 40.7 | 55.6 | 81.3 | 113.4 | 145.5 | 179.8 | 209.7 | 231.1 | 252.6 | 267.5 | 276.1 |
| 87.5° | 12.8 | 30.0 | 57.8 | 87.8 | 122.0 | 156.2 | 188.3 | 211.9 | 231.1 | 244.0 | 252.6 |
| 90° | 0.0 | 15.0 | 40.7 | 72.8 | 104.9 | 139.1 | 169.1 | 194.8 | 214.0 | 224.7 | 231.1 |
| 92.5° | 0.0 | 8.6 | 32.1 | 59.9 | 89.9 | 124.1 | 154.1 | 177.6 | 194.8 | 205.5 | 209.7 |
| 95° | 2.1 | 6.4 | 23.5 | 49.2 | 79.2 | 111.3 | 139.1 | 160.5 | 177.6 | 188.3 | 190.5 |
| 97.5° | 2.1 | 4.3 | 19.3 | 40.7 | 68.5 | 98.5 | 126.3 | 147.7 | 160.5 | 171.2 | 173.4 |
| 100° | 2.1 | 4.3 | 15.0 | 36.4 | 59.9 | 87.8 | 113.4 | 132.7 | 147.7 | 156.2 | 158.4 |
| 102.5° | 2.1 | 2.1 | 12.8 | 30.0 | 53.5 | 77.0 | 100.6 | 119.9 | 132.7 | 141.3 | 145.5 |
| 105° | 2.1 | 2.1 | 10.7 | 25.7 | 47.1 | 68.5 | 89.9 | 109.2 | 119.9 | 128.4 | 132.7 |
| 107.5° | 2.1 | 2.1 | 8.6 | 21.4 | 40.7 | 59.9 | 81.3 | 96.3 | 109.2 | 117.7 | 122.0 |
| 110° | 2.1 | 2.1 | 6.4 | 19.3 | 34.2 | 53.5 | 70.6 | 85.6 | 98.5 | 107.0 | 111.3 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-112SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-----|-----|-----|------|------|------|------|------|------|------|-------|
| 112.5° | 2.1 | 2.1 | 6.4 | 17.1 | 30.0 | 47.1 | 62.1 | 77.0 | 87.8 | 96.3 | 102.7 |
| 115° | 2.1 | 2.1 | 6.4 | 15.0 | 27.8 | 40.7 | 55.6 | 68.5 | 79.2 | 87.8 | 94.2 |
| 117.5° | 2.1 | 2.1 | 6.4 | 12.8 | 23.5 | 36.4 | 49.2 | 62.1 | 70.6 | 79.2 | 85.6 |
| 120° | 2.1 | 2.1 | 4.3 | 10.7 | 21.4 | 32.1 | 42.8 | 53.5 | 64.2 | 72.8 | 79.2 |
| 122.5° | 2.1 | 2.1 | 4.3 | 10.7 | 17.1 | 27.8 | 38.5 | 47.1 | 57.8 | 64.2 | 70.6 |
| 125° | 2.1 | 2.1 | 4.3 | 8.6 | 15.0 | 25.7 | 34.2 | 42.8 | 49.2 | 57.8 | 64.2 |
| 127.5° | 2.1 | 2.1 | 4.3 | 8.6 | 12.8 | 21.4 | 30.0 | 38.5 | 44.9 | 51.4 | 55.6 |
| 130° | 2.1 | 2.1 | 4.3 | 6.4 | 10.7 | 17.1 | 25.7 | 32.1 | 40.7 | 44.9 | 49.2 |
| 132.5° | 2.1 | 2.1 | 2.1 | 6.4 | 8.6 | 12.8 | 19.3 | 27.8 | 34.2 | 40.7 | 42.8 |
| 135° | 2.1 | 2.1 | 2.1 | 4.3 | 8.6 | 10.7 | 15.0 | 21.4 | 27.8 | 34.2 | 38.5 |
| 137.5° | 2.1 | 2.1 | 2.1 | 4.3 | 6.4 | 10.7 | 12.8 | 17.1 | 23.5 | 27.8 | 34.2 |
| 140° | 2.1 | 2.1 | 2.1 | 4.3 | 6.4 | 8.6 | 10.7 | 15.0 | 19.3 | 23.5 | 27.8 |
| 142.5° | 2.1 | 2.1 | 2.1 | 4.3 | 4.3 | 6.4 | 8.6 | 12.8 | 15.0 | 19.3 | 23.5 |
| 145° | 2.1 | 2.1 | 2.1 | 4.3 | 4.3 | 6.4 | 8.6 | 10.7 | 12.8 | 15.0 | 19.3 |
| 147.5° | 2.1 | 2.1 | 2.1 | 4.3 | 4.3 | 4.3 | 6.4 | 8.6 | 10.7 | 12.8 | 15.0 |
| 150° | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 6.4 | 6.4 | 8.6 | 10.7 | 12.8 |
| 152.5° | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 6.4 | 6.4 | 6.4 | 8.6 | 10.7 |
| 155° | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 6.4 | 6.4 | 8.6 | 8.6 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-112SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 |
| 2.5° | 4107.2 | 4111.5 | 4137.1 | 4135.0 | 4130.7 | 4126.4 | 4126.4 | 4122.2 | 4126.4 | 4137.1 | 4132.9 |
| 5° | 4085.8 | 4092.2 | 4111.5 | 4109.3 | 4105.0 | 4102.9 | 4100.8 | 4094.3 | 4098.6 | 4113.6 | 4109.3 |
| 7.5° | 4047.3 | 4053.7 | 4070.8 | 4062.2 | 4055.8 | 4060.1 | 4049.4 | 4043.0 | 4051.5 | 4066.5 | 4064.4 |
| 10° | 4006.6 | 4010.9 | 4032.3 | 4028.0 | 4017.3 | 4019.4 | 4008.7 | 4004.5 | 4015.2 | 4023.7 | 4025.9 |
| 12.5° | 3978.8 | 3993.8 | 4013.0 | 4010.9 | 4008.7 | 4010.9 | 4000.2 | 3995.9 | 4002.3 | 4010.9 | 4008.7 |
| 15° | 3972.3 | 3991.6 | 4013.0 | 4013.0 | 4015.2 | 4017.3 | 4006.6 | 4000.2 | 4006.6 | 4013.0 | 4010.9 |
| 17.5° | 3965.9 | 3989.5 | 4008.7 | 4006.6 | 4008.7 | 4013.0 | 3995.9 | 3991.6 | 4000.2 | 4008.7 | 4004.5 |
| 20° | 3944.5 | 3965.9 | 3978.8 | 3974.5 | 3974.5 | 3976.6 | 3955.2 | 3955.2 | 3968.1 | 3974.5 | 3976.6 |
| 22.5° | 3884.6 | 3910.3 | 3910.3 | 3899.6 | 3899.6 | 3891.0 | 3884.6 | 3871.8 | 3886.7 | 3897.4 | 3906.0 |
| 25° | 3794.7 | 3805.4 | 3792.6 | 3769.0 | 3756.2 | 3745.5 | 3715.5 | 3741.2 | 3741.2 | 3773.3 | 3784.0 |
| 27.5° | 3668.4 | 3644.9 | 3608.5 | 3559.3 | 3548.6 | 3514.3 | 3495.1 | 3501.5 | 3512.2 | 3557.1 | 3591.4 |
| 30° | 3460.8 | 3390.2 | 3328.1 | 3306.7 | 3259.6 | 3225.4 | 3191.1 | 3208.3 | 3227.5 | 3253.2 | 3323.8 |
| 32.5° | 3186.9 | 3118.4 | 3017.8 | 2981.4 | 2932.2 | 2889.4 | 2848.7 | 2874.4 | 2908.6 | 2925.8 | 3002.8 |
| 35° | 2872.2 | 2790.9 | 2698.9 | 2636.8 | 2585.5 | 2561.9 | 2510.5 | 2546.9 | 2583.3 | 2596.2 | 2662.5 |
| 37.5° | 2538.4 | 2454.9 | 2373.6 | 2320.1 | 2270.8 | 2255.8 | 2221.6 | 2247.3 | 2275.1 | 2294.4 | 2350.0 |
| 40° | 2221.6 | 2144.6 | 2082.5 | 2046.1 | 2011.9 | 1999.0 | 1986.2 | 1996.9 | 2018.3 | 2033.3 | 2076.1 |
| 42.5° | 1949.8 | 1887.7 | 1844.9 | 1823.5 | 1800.0 | 1782.8 | 1785.0 | 1789.3 | 1800.0 | 1832.1 | 1851.3 |
| 45° | 1712.2 | 1675.8 | 1648.0 | 1643.7 | 1628.7 | 1626.6 | 1624.5 | 1633.0 | 1639.4 | 1658.7 | 1673.7 |
| 47.5° | 1521.7 | 1506.8 | 1500.3 | 1508.9 | 1515.3 | 1506.8 | 1511.0 | 1521.7 | 1534.6 | 1534.6 | 1532.4 |
| 50° | 1371.9 | 1376.2 | 1384.8 | 1404.0 | 1416.9 | 1421.1 | 1425.4 | 1438.3 | 1440.4 | 1444.7 | 1438.3 |
| 52.5° | 1249.9 | 1254.2 | 1277.7 | 1307.7 | 1322.7 | 1329.1 | 1337.7 | 1350.5 | 1350.5 | 1354.8 | 1346.2 |
| 55° | 1125.8 | 1132.2 | 1155.7 | 1185.7 | 1198.6 | 1207.1 | 1215.7 | 1224.2 | 1230.7 | 1239.2 | 1232.8 |
| 57.5° | 988.8 | 1008.1 | 1023.1 | 1031.6 | 1040.2 | 1046.6 | 1053.0 | 1055.2 | 1068.0 | 1070.1 | 1080.8 |
| 60° | 843.3 | 847.5 | 862.5 | 860.4 | 854.0 | 871.1 | 862.5 | 877.5 | 892.5 | 911.8 | 913.9 |
| 62.5° | 704.2 | 706.3 | 717.0 | 712.7 | 721.3 | 719.1 | 725.6 | 725.6 | 736.3 | 744.8 | 755.5 |
| 65° | 595.0 | 597.1 | 605.7 | 605.7 | 603.6 | 610.0 | 616.4 | 620.7 | 620.7 | 627.1 | 635.7 |
| 67.5° | 513.7 | 520.1 | 528.6 | 532.9 | 537.2 | 537.2 | 543.6 | 545.8 | 550.1 | 552.2 | 556.5 |
| 70° | 458.0 | 466.6 | 475.1 | 479.4 | 481.6 | 485.8 | 488.0 | 488.0 | 492.3 | 494.4 | 498.7 |
| 72.5° | 417.4 | 425.9 | 432.3 | 432.3 | 436.6 | 438.8 | 438.8 | 440.9 | 443.0 | 447.3 | 451.6 |
| 75° | 383.1 | 389.5 | 393.8 | 391.7 | 391.7 | 391.7 | 393.8 | 393.8 | 398.1 | 402.4 | 406.7 |
| 77.5° | 351.0 | 357.4 | 357.4 | 353.1 | 353.1 | 353.1 | 353.1 | 355.3 | 357.4 | 361.7 | 366.0 |
| 80° | 327.5 | 327.5 | 325.3 | 325.3 | 321.0 | 318.9 | 318.9 | 321.0 | 321.0 | 325.3 | 331.7 |
| 82.5° | 301.8 | 301.8 | 299.6 | 297.5 | 295.4 | 293.2 | 293.2 | 295.4 | 297.5 | 299.6 | 303.9 |
| 85° | 278.2 | 278.2 | 274.0 | 274.0 | 271.8 | 271.8 | 271.8 | 271.8 | 274.0 | 276.1 | 280.4 |
| 87.5° | 254.7 | 252.6 | 250.4 | 248.3 | 248.3 | 248.3 | 248.3 | 248.3 | 250.4 | 254.7 | 256.8 |
| 90° | 231.1 | 229.0 | 226.9 | 226.9 | 224.7 | 224.7 | 226.9 | 226.9 | 229.0 | 231.1 | 233.3 |
| 92.5° | 209.7 | 207.6 | 205.5 | 205.5 | 203.3 | 203.3 | 205.5 | 203.3 | 207.6 | 207.6 | 209.7 |
| 95° | 190.5 | 188.3 | 186.2 | 186.2 | 186.2 | 186.2 | 186.2 | 186.2 | 188.3 | 188.3 | 190.5 |
| 97.5° | 173.4 | 171.2 | 169.1 | 169.1 | 171.2 | 169.1 | 171.2 | 171.2 | 171.2 | 173.4 | 175.5 |
| 100° | 158.4 | 156.2 | 156.2 | 158.4 | 156.2 | 156.2 | 158.4 | 158.4 | 158.4 | 158.4 | 160.5 |
| 102.5° | 145.5 | 145.5 | 145.5 | 145.5 | 145.5 | 145.5 | 147.7 | 147.7 | 147.7 | 147.7 | 149.8 |
| 105° | 132.7 | 134.8 | 134.8 | 134.8 | 137.0 | 137.0 | 137.0 | 139.1 | 139.1 | 139.1 | 139.1 |
| 107.5° | 124.1 | 126.3 | 126.3 | 128.4 | 128.4 | 130.6 | 130.6 | 130.6 | 130.6 | 132.7 | 132.7 |
| 110° | 115.6 | 117.7 | 119.9 | 122.0 | 122.0 | 124.1 | 124.1 | 124.1 | 124.1 | 124.1 | 124.1 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-112SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 107.0 | 109.2 | 111.3 | 115.6 | 117.7 | 117.7 | 117.7 | 117.7 | 119.9 | 119.9 | 117.7 |
| 115° | 98.5 | 102.7 | 104.9 | 109.2 | 111.3 | 111.3 | 113.4 | 113.4 | 113.4 | 113.4 | 111.3 |
| 117.5° | 89.9 | 96.3 | 98.5 | 102.7 | 104.9 | 104.9 | 107.0 | 107.0 | 107.0 | 107.0 | 104.9 |
| 120° | 83.5 | 87.8 | 92.0 | 94.2 | 96.3 | 98.5 | 98.5 | 100.6 | 100.6 | 100.6 | 98.5 |
| 122.5° | 77.0 | 81.3 | 85.6 | 87.8 | 89.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| 125° | 68.5 | 72.8 | 77.0 | 79.2 | 81.3 | 83.5 | 83.5 | 85.6 | 85.6 | 85.6 | 83.5 |
| 127.5° | 62.1 | 66.3 | 68.5 | 72.8 | 74.9 | 74.9 | 77.0 | 77.0 | 77.0 | 77.0 | 74.9 |
| 130° | 53.5 | 57.8 | 62.1 | 64.2 | 66.3 | 66.3 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| 132.5° | 47.1 | 51.4 | 53.5 | 57.8 | 57.8 | 59.9 | 59.9 | 62.1 | 62.1 | 62.1 | 59.9 |
| 135° | 42.8 | 44.9 | 47.1 | 51.4 | 51.4 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 |
| 137.5° | 38.5 | 40.7 | 42.8 | 44.9 | 44.9 | 47.1 | 47.1 | 47.1 | 47.1 | 49.2 | 47.1 |
| 140° | 32.1 | 36.4 | 38.5 | 38.5 | 40.7 | 40.7 | 40.7 | 42.8 | 42.8 | 42.8 | 40.7 |
| 142.5° | 27.8 | 30.0 | 32.1 | 34.2 | 36.4 | 36.4 | 36.4 | 36.4 | 38.5 | 36.4 | 36.4 |
| 145° | 21.4 | 25.7 | 27.8 | 30.0 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 |
| 147.5° | 17.1 | 19.3 | 23.5 | 25.7 | 25.7 | 27.8 | 27.8 | 27.8 | 27.8 | 27.8 | 27.8 |
| 150° | 15.0 | 15.0 | 19.3 | 21.4 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 |
| 152.5° | 10.7 | 12.8 | 15.0 | 17.1 | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 |
| 155° | 10.7 | 10.7 | 12.8 | 12.8 | 15.0 | 15.0 | 15.0 | 15.0 | 17.1 | 15.0 | 15.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-112SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 |
| 2.5° | 4126.4 | 4124.3 | 4132.9 | 4124.3 | 4081.5 | 4098.6 | 4092.2 | 4115.7 | 4117.9 | 4124.3 | 4145.7 |
| 5° | 4105.0 | 4105.0 | 4115.7 | 4107.2 | 4066.5 | 4083.6 | 4081.5 | 4105.0 | 4109.3 | 4113.6 | 4137.1 |
| 7.5° | 4062.2 | 4064.4 | 4079.4 | 4072.9 | 4030.1 | 4055.8 | 4053.7 | 4081.5 | 4090.1 | 4098.6 | 4120.0 |
| 10° | 4021.6 | 4019.4 | 4036.6 | 4030.1 | 3989.5 | 4019.4 | 4017.3 | 4045.1 | 4058.0 | 4072.9 | 4098.6 |
| 12.5° | 4000.2 | 3993.8 | 4000.2 | 3993.8 | 3948.8 | 3972.3 | 3974.5 | 4006.6 | 4021.6 | 4040.8 | 4070.8 |
| 15° | 4000.2 | 3989.5 | 3989.5 | 3976.6 | 3925.3 | 3940.2 | 3942.4 | 3963.8 | 3983.0 | 4002.3 | 4038.7 |
| 17.5° | 3995.9 | 3985.2 | 3983.0 | 3972.3 | 3916.7 | 3916.7 | 3914.6 | 3929.5 | 3940.2 | 3959.5 | 3998.0 |
| 20° | 3972.3 | 3968.1 | 3965.9 | 3959.5 | 3908.1 | 3899.6 | 3895.3 | 3895.3 | 3901.7 | 3908.1 | 3946.7 |
| 22.5° | 3910.3 | 3914.6 | 3918.8 | 3923.1 | 3882.5 | 3867.5 | 3869.6 | 3865.3 | 3858.9 | 3858.9 | 3891.0 |
| 25° | 3794.7 | 3816.1 | 3833.2 | 3852.5 | 3829.0 | 3818.2 | 3831.1 | 3824.7 | 3814.0 | 3805.4 | 3833.2 |
| 27.5° | 3610.6 | 3655.6 | 3692.0 | 3739.1 | 3741.2 | 3732.6 | 3766.9 | 3762.6 | 3760.5 | 3747.6 | 3769.0 |
| 30° | 3355.9 | 3426.6 | 3475.8 | 3544.3 | 3602.1 | 3610.6 | 3668.4 | 3677.0 | 3685.6 | 3679.1 | 3700.5 |
| 32.5° | 3047.8 | 3144.1 | 3227.5 | 3334.5 | 3390.2 | 3439.4 | 3520.8 | 3555.0 | 3589.2 | 3599.9 | 3623.5 |
| 35° | 2711.7 | 2820.9 | 2919.3 | 3037.0 | 3124.8 | 3231.8 | 3330.3 | 3381.6 | 3458.7 | 3488.6 | 3522.9 |
| 37.5° | 2392.8 | 2495.6 | 2591.9 | 2709.6 | 2850.8 | 2962.1 | 3084.1 | 3199.7 | 3304.6 | 3347.4 | 3398.8 |
| 40° | 2110.3 | 2193.8 | 2285.8 | 2388.5 | 2517.0 | 2662.5 | 2795.2 | 2955.7 | 3079.9 | 3165.5 | 3240.4 |
| 42.5° | 1896.3 | 1936.9 | 2016.1 | 2108.2 | 2210.9 | 2358.6 | 2493.4 | 2673.2 | 2823.0 | 2945.0 | 3069.2 |
| 45° | 1705.8 | 1725.1 | 1782.8 | 1832.1 | 1936.9 | 2067.5 | 2210.9 | 2386.4 | 2542.6 | 2698.9 | 2848.7 |
| 47.5° | 1543.1 | 1566.7 | 1594.5 | 1624.5 | 1699.4 | 1808.5 | 1932.7 | 2091.0 | 2247.3 | 2429.2 | 2600.4 |
| 50° | 1434.0 | 1440.4 | 1444.7 | 1457.5 | 1502.5 | 1577.4 | 1678.0 | 1812.8 | 1962.6 | 2157.4 | 2339.3 |
| 52.5° | 1337.7 | 1337.7 | 1324.8 | 1318.4 | 1335.5 | 1382.6 | 1440.4 | 1536.7 | 1690.8 | 1870.6 | 2063.2 |
| 55° | 1234.9 | 1215.7 | 1211.4 | 1190.0 | 1194.3 | 1215.7 | 1243.5 | 1318.4 | 1444.7 | 1598.8 | 1785.0 |
| 57.5° | 1091.5 | 1083.0 | 1083.0 | 1074.4 | 1057.3 | 1068.0 | 1074.4 | 1127.9 | 1217.8 | 1350.5 | 1513.2 |
| 60° | 926.7 | 922.5 | 933.2 | 935.3 | 920.3 | 926.7 | 924.6 | 956.7 | 1020.9 | 1127.9 | 1262.8 |
| 62.5° | 761.9 | 781.2 | 783.3 | 791.9 | 783.3 | 781.2 | 791.9 | 819.7 | 851.8 | 933.2 | 1038.0 |
| 65° | 639.9 | 650.6 | 652.8 | 663.5 | 659.2 | 659.2 | 667.8 | 689.2 | 708.4 | 764.1 | 845.4 |
| 67.5° | 560.8 | 556.5 | 558.6 | 565.0 | 558.6 | 556.5 | 562.9 | 575.7 | 590.7 | 625.0 | 682.7 |
| 70° | 498.7 | 494.4 | 494.4 | 494.4 | 485.8 | 479.4 | 481.6 | 485.8 | 492.3 | 511.5 | 547.9 |
| 72.5° | 451.6 | 451.6 | 445.2 | 438.8 | 432.3 | 428.1 | 423.8 | 419.5 | 417.4 | 423.8 | 443.0 |
| 75° | 408.8 | 410.9 | 408.8 | 402.4 | 393.8 | 385.2 | 376.7 | 368.1 | 357.4 | 353.1 | 355.3 |
| 77.5° | 370.3 | 372.4 | 374.5 | 372.4 | 363.8 | 353.1 | 340.3 | 327.5 | 312.5 | 297.5 | 288.9 |
| 80° | 336.0 | 340.3 | 342.4 | 340.3 | 333.9 | 325.3 | 310.3 | 295.4 | 274.0 | 254.7 | 233.3 |
| 82.5° | 306.1 | 312.5 | 314.6 | 314.6 | 310.3 | 301.8 | 284.7 | 267.5 | 244.0 | 218.3 | 190.5 |
| 85° | 282.5 | 286.8 | 291.1 | 291.1 | 288.9 | 280.4 | 263.3 | 244.0 | 220.4 | 190.5 | 160.5 |
| 87.5° | 259.0 | 261.1 | 265.4 | 269.7 | 265.4 | 256.8 | 241.9 | 220.4 | 196.9 | 166.9 | 132.7 |
| 90° | 235.4 | 237.6 | 241.9 | 246.1 | 244.0 | 235.4 | 222.6 | 203.3 | 177.6 | 145.5 | 111.3 |
| 92.5° | 211.9 | 216.2 | 218.3 | 220.4 | 222.6 | 216.2 | 205.5 | 186.2 | 160.5 | 128.4 | 96.3 |
| 95° | 194.8 | 194.8 | 199.0 | 201.2 | 203.3 | 196.9 | 188.3 | 169.1 | 145.5 | 115.6 | 83.5 |
| 97.5° | 177.6 | 177.6 | 181.9 | 181.9 | 184.1 | 179.8 | 171.2 | 154.1 | 130.6 | 102.7 | 70.6 |
| 100° | 160.5 | 162.7 | 164.8 | 166.9 | 166.9 | 164.8 | 156.2 | 139.1 | 117.7 | 92.0 | 62.1 |
| 102.5° | 149.8 | 149.8 | 152.0 | 152.0 | 154.1 | 149.8 | 141.3 | 126.3 | 104.9 | 81.3 | 53.5 |
| 105° | 139.1 | 139.1 | 141.3 | 141.3 | 139.1 | 134.8 | 126.3 | 113.4 | 94.2 | 70.6 | 47.1 |
| 107.5° | 130.6 | 130.6 | 130.6 | 130.6 | 128.4 | 124.1 | 115.6 | 100.6 | 83.5 | 64.2 | 42.8 |
| 110° | 124.1 | 122.0 | 122.0 | 119.9 | 117.7 | 111.3 | 102.7 | 89.9 | 74.9 | 55.6 | 36.4 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-112SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|
| 112.5° | 117.7 | 115.6 | 113.4 | 111.3 | 107.0 | 100.6 | 92.0 | 81.3 | 66.3 | 49.2 | 32.1 |
| 115° | 111.3 | 109.2 | 107.0 | 102.7 | 98.5 | 92.0 | 83.5 | 72.8 | 57.8 | 42.8 | 27.8 |
| 117.5° | 104.9 | 102.7 | 98.5 | 94.2 | 89.9 | 83.5 | 74.9 | 64.2 | 51.4 | 38.5 | 25.7 |
| 120° | 96.3 | 94.2 | 92.0 | 87.8 | 83.5 | 74.9 | 66.3 | 57.8 | 44.9 | 34.2 | 21.4 |
| 122.5° | 89.9 | 87.8 | 83.5 | 81.3 | 74.9 | 68.5 | 59.9 | 51.4 | 40.7 | 30.0 | 19.3 |
| 125° | 81.3 | 79.2 | 77.0 | 72.8 | 68.5 | 59.9 | 53.5 | 44.9 | 36.4 | 25.7 | 15.0 |
| 127.5° | 74.9 | 72.8 | 68.5 | 64.2 | 59.9 | 53.5 | 47.1 | 40.7 | 32.1 | 21.4 | 15.0 |
| 130° | 66.3 | 64.2 | 62.1 | 57.8 | 53.5 | 47.1 | 42.8 | 34.2 | 27.8 | 19.3 | 12.8 |
| 132.5° | 57.8 | 57.8 | 55.6 | 51.4 | 47.1 | 42.8 | 36.4 | 30.0 | 23.5 | 17.1 | 10.7 |
| 135° | 53.5 | 51.4 | 49.2 | 44.9 | 42.8 | 36.4 | 32.1 | 25.7 | 19.3 | 15.0 | 8.6 |
| 137.5° | 47.1 | 44.9 | 42.8 | 40.7 | 36.4 | 32.1 | 27.8 | 21.4 | 17.1 | 12.8 | 8.6 |
| 140° | 40.7 | 38.5 | 38.5 | 34.2 | 32.1 | 27.8 | 23.5 | 19.3 | 15.0 | 10.7 | 6.4 |
| 142.5° | 36.4 | 34.2 | 32.1 | 30.0 | 27.8 | 23.5 | 19.3 | 15.0 | 12.8 | 8.6 | 6.4 |
| 145° | 32.1 | 30.0 | 27.8 | 25.7 | 23.5 | 19.3 | 17.1 | 12.8 | 10.7 | 8.6 | 6.4 |
| 147.5° | 25.7 | 25.7 | 23.5 | 21.4 | 19.3 | 17.1 | 15.0 | 12.8 | 8.6 | 6.4 | 4.3 |
| 150° | 21.4 | 21.4 | 19.3 | 17.1 | 17.1 | 15.0 | 12.8 | 10.7 | 8.6 | 6.4 | 4.3 |
| 152.5° | 19.3 | 17.1 | 17.1 | 15.0 | 15.0 | 12.8 | 10.7 | 8.6 | 6.4 | 6.4 | 4.3 |
| 155° | 15.0 | 15.0 | 15.0 | 12.8 | 12.8 | 10.7 | 8.6 | 8.6 | 6.4 | 4.3 | 4.3 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-112SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 |
| 2.5° | 4150.0 | 4124.3 | 4145.7 | 4184.2 | 4180.0 | 4175.7 | 4171.4 | 4180.0 | 4207.8 | 4192.8 | 4169.3 |
| 5° | 4143.6 | 4117.9 | 4141.4 | 4177.8 | 4175.7 | 4169.3 | 4165.0 | 4173.5 | 4201.4 | 4186.4 | 4160.7 |
| 7.5° | 4130.7 | 4107.2 | 4124.3 | 4160.7 | 4160.7 | 4156.4 | 4152.1 | 4160.7 | 4186.4 | 4173.5 | 4147.9 |
| 10° | 4109.3 | 4092.2 | 4109.3 | 4143.6 | 4145.7 | 4137.1 | 4132.9 | 4143.6 | 4169.3 | 4162.8 | 4141.4 |
| 12.5° | 4092.2 | 4075.1 | 4094.3 | 4128.6 | 4130.7 | 4122.2 | 4115.7 | 4128.6 | 4162.8 | 4167.1 | 4160.7 |
| 15° | 4068.7 | 4053.7 | 4077.2 | 4113.6 | 4113.6 | 4107.2 | 4107.2 | 4124.3 | 4171.4 | 4190.7 | 4201.4 |
| 17.5° | 4034.4 | 4023.7 | 4051.5 | 4087.9 | 4090.1 | 4085.8 | 4087.9 | 4122.2 | 4184.2 | 4231.3 | 4261.3 |
| 20° | 3991.6 | 3987.3 | 4017.3 | 4055.8 | 4062.2 | 4064.4 | 4075.1 | 4126.4 | 4212.1 | 4276.3 | 4306.2 |
| 22.5° | 3940.2 | 3942.4 | 3976.6 | 4017.3 | 4025.9 | 4032.3 | 4053.7 | 4126.4 | 4233.5 | 4302.0 | 4314.8 |
| 25° | 3882.5 | 3888.9 | 3925.3 | 3974.5 | 3985.2 | 3998.0 | 4034.4 | 4128.6 | 4239.9 | 4284.8 | 4263.4 |
| 27.5° | 3820.4 | 3833.2 | 3880.3 | 3931.7 | 3944.5 | 3965.9 | 4013.0 | 4115.7 | 4209.9 | 4212.1 | 4132.9 |
| 30° | 3756.2 | 3771.2 | 3826.8 | 3886.7 | 3908.1 | 3929.5 | 3987.3 | 4085.8 | 4137.1 | 4068.7 | 3929.5 |
| 32.5° | 3683.4 | 3704.8 | 3760.5 | 3833.2 | 3858.9 | 3886.7 | 3944.5 | 4028.0 | 4008.7 | 3861.1 | 3662.0 |
| 35° | 3591.4 | 3621.3 | 3685.6 | 3771.2 | 3794.7 | 3831.1 | 3871.8 | 3891.0 | 3805.4 | 3595.7 | 3370.9 |
| 37.5° | 3477.9 | 3522.9 | 3597.8 | 3696.3 | 3721.9 | 3745.5 | 3756.2 | 3702.7 | 3531.5 | 3304.6 | 3071.3 |
| 40° | 3347.4 | 3415.9 | 3497.2 | 3606.4 | 3632.0 | 3632.0 | 3593.5 | 3480.1 | 3263.9 | 2966.4 | 2707.4 |
| 42.5° | 3189.0 | 3272.5 | 3375.2 | 3484.4 | 3510.0 | 3480.1 | 3388.1 | 3189.0 | 2942.9 | 2611.1 | 2337.2 |
| 45° | 2996.4 | 3107.7 | 3223.3 | 3336.7 | 3349.5 | 3283.2 | 3118.4 | 2865.8 | 2561.9 | 2253.7 | 1992.6 |
| 47.5° | 2767.4 | 2912.9 | 3039.2 | 3167.6 | 3150.5 | 3039.2 | 2818.7 | 2531.9 | 2210.9 | 1919.8 | 1710.1 |
| 50° | 2510.5 | 2681.8 | 2823.0 | 2945.0 | 2908.6 | 2754.5 | 2495.6 | 2195.9 | 1877.0 | 1628.7 | 1455.4 |
| 52.5° | 2236.6 | 2433.5 | 2574.7 | 2673.2 | 2624.0 | 2439.9 | 2155.3 | 1868.5 | 1607.3 | 1380.5 | 1264.9 |
| 55° | 1951.9 | 2151.0 | 2296.5 | 2373.6 | 2309.4 | 2110.3 | 1829.9 | 1568.8 | 1322.7 | 1175.0 | 1106.5 |
| 57.5° | 1675.8 | 1862.0 | 1999.0 | 2061.1 | 1979.8 | 1780.7 | 1521.7 | 1301.3 | 1123.6 | 999.5 | 965.3 |
| 60° | 1410.4 | 1562.4 | 1693.0 | 1740.0 | 1652.3 | 1468.2 | 1245.6 | 1070.1 | 939.6 | 854.0 | 836.8 |
| 62.5° | 1164.3 | 1288.4 | 1391.2 | 1427.6 | 1342.0 | 1198.6 | 1005.9 | 875.4 | 783.3 | 740.5 | 719.1 |
| 65° | 961.0 | 1033.8 | 1138.6 | 1132.2 | 1080.8 | 948.1 | 806.9 | 714.9 | 654.9 | 627.1 | 614.3 |
| 67.5° | 755.5 | 821.9 | 888.2 | 896.8 | 832.6 | 740.5 | 648.5 | 582.2 | 550.1 | 535.1 | 528.6 |
| 70° | 584.3 | 633.5 | 674.2 | 663.5 | 629.2 | 571.5 | 513.7 | 477.3 | 464.4 | 458.0 | 458.0 |
| 72.5° | 453.7 | 479.4 | 498.7 | 485.8 | 464.4 | 434.5 | 406.7 | 391.7 | 393.8 | 398.1 | 402.4 |
| 75° | 351.0 | 357.4 | 361.7 | 348.9 | 344.6 | 325.3 | 323.2 | 325.3 | 338.2 | 351.0 | 357.4 |
| 77.5° | 269.7 | 261.1 | 254.7 | 241.9 | 244.0 | 241.9 | 252.6 | 269.7 | 288.9 | 308.2 | 325.3 |
| 80° | 207.6 | 188.3 | 173.4 | 160.5 | 166.9 | 177.6 | 199.0 | 224.7 | 250.4 | 271.8 | 293.2 |
| 82.5° | 160.5 | 132.7 | 111.3 | 98.5 | 111.3 | 128.4 | 156.2 | 188.3 | 218.3 | 241.9 | 265.4 |
| 85° | 124.1 | 92.0 | 66.3 | 53.5 | 66.3 | 92.0 | 122.0 | 158.4 | 190.5 | 216.2 | 239.7 |
| 87.5° | 96.3 | 66.3 | 36.4 | 21.4 | 36.4 | 64.2 | 98.5 | 132.7 | 164.8 | 194.8 | 218.3 |
| 90° | 77.0 | 44.9 | 17.1 | 4.3 | 19.3 | 44.9 | 77.0 | 111.3 | 143.4 | 175.5 | 199.0 |
| 92.5° | 62.1 | 32.1 | 8.6 | 0.0 | 10.7 | 34.2 | 64.2 | 96.3 | 128.4 | 158.4 | 181.9 |
| 95° | 51.4 | 25.7 | 6.4 | 0.0 | 8.6 | 25.7 | 51.4 | 83.5 | 113.4 | 143.4 | 162.7 |
| 97.5° | 42.8 | 19.3 | 4.3 | 0.0 | 4.3 | 21.4 | 42.8 | 70.6 | 100.6 | 128.4 | 147.7 |
| 100° | 36.4 | 17.1 | 4.3 | 0.0 | 4.3 | 17.1 | 36.4 | 62.1 | 87.8 | 113.4 | 132.7 |
| 102.5° | 30.0 | 12.8 | 2.1 | 2.1 | 2.1 | 12.8 | 32.1 | 53.5 | 77.0 | 100.6 | 119.9 |
| 105° | 27.8 | 10.7 | 2.1 | 2.1 | 2.1 | 10.7 | 27.8 | 47.1 | 68.5 | 89.9 | 107.0 |
| 107.5° | 23.5 | 8.6 | 2.1 | 2.1 | 2.1 | 8.6 | 23.5 | 40.7 | 62.1 | 81.3 | 96.3 |
| 110° | 19.3 | 8.6 | 2.1 | 2.1 | 2.1 | 8.6 | 19.3 | 36.4 | 53.5 | 70.6 | 85.6 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-112SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 17.1 | 6.4 | 2.1 | 2.1 | 2.1 | 6.4 | 17.1 | 32.1 | 47.1 | 64.2 | 77.0 |
| 115° | 15.0 | 6.4 | 2.1 | 2.1 | 2.1 | 6.4 | 15.0 | 27.8 | 40.7 | 55.6 | 68.5 |
| 117.5° | 12.8 | 6.4 | 2.1 | 2.1 | 2.1 | 4.3 | 12.8 | 23.5 | 36.4 | 49.2 | 62.1 |
| 120° | 10.7 | 4.3 | 2.1 | 2.1 | 2.1 | 4.3 | 10.7 | 21.4 | 32.1 | 42.8 | 53.5 |
| 122.5° | 10.7 | 4.3 | 2.1 | 2.1 | 2.1 | 4.3 | 8.6 | 17.1 | 27.8 | 36.4 | 47.1 |
| 125° | 8.6 | 4.3 | 2.1 | 2.1 | 2.1 | 2.1 | 8.6 | 15.0 | 23.5 | 32.1 | 40.7 |
| 127.5° | 8.6 | 4.3 | 2.1 | 2.1 | 2.1 | 2.1 | 6.4 | 12.8 | 19.3 | 27.8 | 36.4 |
| 130° | 6.4 | 4.3 | 2.1 | 2.1 | 2.1 | 2.1 | 4.3 | 10.7 | 17.1 | 23.5 | 30.0 |
| 132.5° | 6.4 | 4.3 | 2.1 | 2.1 | 2.1 | 2.1 | 4.3 | 8.6 | 12.8 | 19.3 | 25.7 |
| 135° | 6.4 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 6.4 | 10.7 | 15.0 | 19.3 |
| 137.5° | 4.3 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 4.3 | 8.6 | 10.7 | 17.1 |
| 140° | 4.3 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 4.3 | 6.4 | 8.6 | 12.8 |
| 142.5° | 4.3 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 4.3 | 6.4 | 10.7 |
| 145° | 4.3 | 2.1 | 2.1 | 4.3 | 4.3 | 2.1 | 2.1 | 4.3 | 4.3 | 6.4 | 8.6 |
| 147.5° | 4.3 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 4.3 | 4.3 | 6.4 |
| 150° | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 6.4 |
| 152.5° | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 |
| 155° | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-112SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 |
| 2.5° | 4165.0 | 4115.7 | 4141.4 | 4132.9 | 4141.4 | 4162.8 | 4160.7 | 4154.3 | 4158.6 | 4147.9 | 4137.1 |
| 5° | 4156.4 | 4107.2 | 4132.9 | 4122.2 | 4132.9 | 4154.3 | 4150.0 | 4143.6 | 4150.0 | 4137.1 | 4126.4 |
| 7.5° | 4145.7 | 4100.8 | 4130.7 | 4128.6 | 4147.9 | 4175.7 | 4177.8 | 4177.8 | 4192.8 | 4173.5 | 4165.0 |
| 10° | 4145.7 | 4122.2 | 4162.8 | 4177.8 | 4227.0 | 4263.4 | 4267.7 | 4276.3 | 4302.0 | 4297.7 | 4276.3 |
| 12.5° | 4190.7 | 4186.4 | 4246.3 | 4282.7 | 4327.6 | 4379.0 | 4406.8 | 4415.4 | 4432.5 | 4419.7 | 4411.1 |
| 15° | 4248.4 | 4269.8 | 4336.2 | 4376.9 | 4426.1 | 4464.6 | 4471.0 | 4475.3 | 4488.2 | 4468.9 | 4453.9 |
| 17.5° | 4325.5 | 4338.3 | 4391.8 | 4409.0 | 4441.1 | 4447.5 | 4438.9 | 4417.5 | 4417.5 | 4374.7 | 4361.9 |
| 20° | 4361.9 | 4355.5 | 4376.9 | 4349.0 | 4336.2 | 4297.7 | 4261.3 | 4220.6 | 4218.5 | 4173.5 | 4169.3 |
| 22.5° | 4329.8 | 4287.0 | 4242.0 | 4173.5 | 4143.6 | 4087.9 | 4038.7 | 4015.2 | 4000.2 | 3942.4 | 3927.4 |
| 25° | 4216.3 | 4111.5 | 4045.1 | 3963.8 | 3891.0 | 3826.8 | 3779.7 | 3730.5 | 3683.4 | 3636.3 | 3614.9 |
| 27.5° | 4019.4 | 3921.0 | 3814.0 | 3700.5 | 3599.9 | 3501.5 | 3422.3 | 3373.1 | 3328.1 | 3266.1 | 3234.0 |
| 30° | 3777.6 | 3640.6 | 3522.9 | 3413.7 | 3248.9 | 3129.1 | 3062.7 | 2964.3 | 2930.0 | 2902.2 | 2842.3 |
| 32.5° | 3492.9 | 3328.1 | 3167.6 | 3019.9 | 2850.8 | 2739.6 | 2651.8 | 2579.0 | 2557.6 | 2484.9 | 2467.7 |
| 35° | 3178.3 | 2962.1 | 2780.2 | 2634.7 | 2512.7 | 2377.8 | 2305.1 | 2255.8 | 2213.0 | 2163.8 | 2155.3 |
| 37.5° | 2808.0 | 2613.3 | 2407.8 | 2279.4 | 2183.1 | 2067.5 | 2011.9 | 1977.6 | 1958.4 | 1922.0 | 1915.5 |
| 40° | 2435.6 | 2240.9 | 2099.6 | 1971.2 | 1911.3 | 1849.2 | 1808.5 | 1793.5 | 1785.0 | 1772.1 | 1759.3 |
| 42.5° | 2097.5 | 1926.2 | 1825.7 | 1740.0 | 1714.4 | 1684.4 | 1673.7 | 1682.3 | 1673.7 | 1669.4 | 1667.3 |
| 45° | 1810.7 | 1680.1 | 1609.5 | 1583.8 | 1577.4 | 1568.8 | 1577.4 | 1592.4 | 1594.5 | 1590.2 | 1590.2 |
| 47.5° | 1549.6 | 1487.5 | 1457.5 | 1461.8 | 1472.5 | 1478.9 | 1493.9 | 1513.2 | 1517.5 | 1506.8 | 1511.0 |
| 50° | 1378.3 | 1342.0 | 1335.5 | 1352.7 | 1376.2 | 1384.8 | 1401.9 | 1416.9 | 1414.7 | 1410.4 | 1406.2 |
| 52.5° | 1217.8 | 1207.1 | 1224.2 | 1241.4 | 1267.0 | 1271.3 | 1277.7 | 1284.2 | 1282.0 | 1273.5 | 1269.2 |
| 55° | 1083.0 | 1091.5 | 1106.5 | 1112.9 | 1132.2 | 1130.1 | 1132.2 | 1132.2 | 1123.6 | 1119.4 | 1112.9 |
| 57.5° | 961.0 | 963.1 | 971.7 | 973.8 | 984.5 | 980.2 | 978.1 | 973.8 | 961.0 | 958.8 | 952.4 |
| 60° | 836.8 | 832.6 | 851.8 | 836.8 | 845.4 | 836.8 | 834.7 | 824.0 | 811.2 | 809.0 | 804.7 |
| 62.5° | 719.1 | 710.6 | 723.4 | 717.0 | 721.3 | 712.7 | 708.4 | 695.6 | 684.9 | 682.7 | 680.6 |
| 65° | 614.3 | 610.0 | 622.8 | 620.7 | 625.0 | 614.3 | 610.0 | 601.4 | 592.9 | 590.7 | 588.6 |
| 67.5° | 526.5 | 537.2 | 543.6 | 543.6 | 547.9 | 545.8 | 535.1 | 532.9 | 530.8 | 522.2 | 522.2 |
| 70° | 462.3 | 468.7 | 481.6 | 483.7 | 481.6 | 485.8 | 477.3 | 475.1 | 473.0 | 468.7 | 466.6 |
| 72.5° | 410.9 | 419.5 | 432.3 | 434.5 | 432.3 | 432.3 | 428.1 | 425.9 | 425.9 | 419.5 | 419.5 |
| 75° | 370.3 | 381.0 | 391.7 | 391.7 | 391.7 | 387.4 | 383.1 | 383.1 | 378.8 | 376.7 | 372.4 |
| 77.5° | 336.0 | 348.9 | 357.4 | 355.3 | 353.1 | 348.9 | 348.9 | 342.4 | 336.0 | 336.0 | 331.7 |
| 80° | 310.3 | 318.9 | 325.3 | 323.2 | 321.0 | 314.6 | 312.5 | 306.1 | 301.8 | 295.4 | 295.4 |
| 82.5° | 282.5 | 293.2 | 297.5 | 295.4 | 291.1 | 284.7 | 282.5 | 278.2 | 274.0 | 271.8 | 267.5 |
| 85° | 259.0 | 269.7 | 271.8 | 267.5 | 263.3 | 259.0 | 256.8 | 254.7 | 252.6 | 248.3 | 248.3 |
| 87.5° | 235.4 | 246.1 | 246.1 | 244.0 | 239.7 | 237.6 | 235.4 | 233.3 | 231.1 | 229.0 | 226.9 |
| 90° | 216.2 | 224.7 | 224.7 | 222.6 | 220.4 | 218.3 | 216.2 | 214.0 | 211.9 | 209.7 | 209.7 |
| 92.5° | 196.9 | 205.5 | 205.5 | 203.3 | 201.2 | 199.0 | 199.0 | 196.9 | 194.8 | 192.6 | 190.5 |
| 95° | 179.8 | 188.3 | 188.3 | 188.3 | 186.2 | 184.1 | 184.1 | 181.9 | 179.8 | 179.8 | 177.6 |
| 97.5° | 162.7 | 171.2 | 171.2 | 171.2 | 169.1 | 166.9 | 166.9 | 164.8 | 164.8 | 164.8 | 162.7 |
| 100° | 147.7 | 154.1 | 156.2 | 156.2 | 154.1 | 154.1 | 154.1 | 152.0 | 152.0 | 152.0 | 149.8 |
| 102.5° | 132.7 | 139.1 | 143.4 | 143.4 | 143.4 | 141.3 | 141.3 | 141.3 | 141.3 | 141.3 | 139.1 |
| 105° | 119.9 | 126.3 | 130.6 | 132.7 | 132.7 | 132.7 | 132.7 | 132.7 | 132.7 | 132.7 | 132.7 |
| 107.5° | 109.2 | 115.6 | 119.9 | 122.0 | 124.1 | 124.1 | 126.3 | 126.3 | 126.3 | 126.3 | 126.3 |
| 110° | 98.5 | 104.9 | 111.3 | 113.4 | 115.6 | 117.7 | 117.7 | 119.9 | 117.7 | 117.7 | 117.7 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-112SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 87.8 | 96.3 | 100.6 | 104.9 | 107.0 | 109.2 | 111.3 | 111.3 | 111.3 | 111.3 | 111.3 |
| 115° | 79.2 | 87.8 | 92.0 | 96.3 | 100.6 | 102.7 | 102.7 | 104.9 | 104.9 | 104.9 | 102.7 |
| 117.5° | 70.6 | 79.2 | 83.5 | 87.8 | 89.9 | 94.2 | 96.3 | 96.3 | 96.3 | 96.3 | 94.2 |
| 120° | 64.2 | 70.6 | 74.9 | 79.2 | 83.5 | 85.6 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| 122.5° | 55.6 | 62.1 | 68.5 | 72.8 | 74.9 | 77.0 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| 125° | 49.2 | 55.6 | 59.9 | 64.2 | 66.3 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| 127.5° | 42.8 | 49.2 | 53.5 | 57.8 | 59.9 | 62.1 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| 130° | 36.4 | 42.8 | 47.1 | 51.4 | 53.5 | 55.6 | 55.6 | 57.8 | 57.8 | 57.8 | 57.8 |
| 132.5° | 32.1 | 36.4 | 40.7 | 44.9 | 47.1 | 49.2 | 49.2 | 51.4 | 51.4 | 51.4 | 51.4 |
| 135° | 25.7 | 32.1 | 34.2 | 38.5 | 40.7 | 42.8 | 42.8 | 44.9 | 44.9 | 44.9 | 44.9 |
| 137.5° | 21.4 | 25.7 | 30.0 | 34.2 | 36.4 | 36.4 | 38.5 | 38.5 | 40.7 | 40.7 | 40.7 |
| 140° | 17.1 | 19.3 | 25.7 | 27.8 | 30.0 | 32.1 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 |
| 142.5° | 12.8 | 17.1 | 19.3 | 23.5 | 25.7 | 27.8 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |
| 145° | 10.7 | 12.8 | 15.0 | 19.3 | 21.4 | 23.5 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 |
| 147.5° | 8.6 | 10.7 | 12.8 | 15.0 | 17.1 | 19.3 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 |
| 150° | 6.4 | 8.6 | 10.7 | 10.7 | 12.8 | 15.0 | 17.1 | 19.3 | 19.3 | 19.3 | 19.3 |
| 152.5° | 6.4 | 6.4 | 8.6 | 8.6 | 10.7 | 12.8 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 |
| 155° | 4.3 | 6.4 | 6.4 | 6.4 | 8.6 | 8.6 | 10.7 | 12.8 | 12.8 | 12.8 | 12.8 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-112SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 |
| 2.5° | 4143.6 | 4152.1 | 4147.9 | 4141.4 | 4139.3 | 4150.0 | 4139.3 | 4090.1 | 4109.3 | 4111.5 | 4126.4 |
| 5° | 4137.1 | 4143.6 | 4139.3 | 4135.0 | 4128.6 | 4141.4 | 4128.6 | 4077.2 | 4096.5 | 4098.6 | 4113.6 |
| 7.5° | 4180.0 | 4182.1 | 4182.1 | 4171.4 | 4154.3 | 4160.7 | 4143.6 | 4085.8 | 4096.5 | 4096.5 | 4107.2 |
| 10° | 4287.0 | 4291.2 | 4297.7 | 4269.8 | 4248.4 | 4231.3 | 4207.8 | 4137.1 | 4135.0 | 4117.9 | 4117.9 |
| 12.5° | 4426.1 | 4415.4 | 4404.7 | 4391.8 | 4374.7 | 4353.3 | 4319.1 | 4235.6 | 4207.8 | 4180.0 | 4152.1 |
| 15° | 4466.8 | 4462.5 | 4460.3 | 4453.9 | 4443.2 | 4436.8 | 4411.1 | 4327.6 | 4287.0 | 4252.7 | 4203.5 |
| 17.5° | 4359.7 | 4368.3 | 4396.1 | 4398.3 | 4411.1 | 4436.8 | 4432.5 | 4374.7 | 4338.3 | 4323.4 | 4263.4 |
| 20° | 4167.1 | 4169.3 | 4203.5 | 4218.5 | 4274.1 | 4316.9 | 4349.0 | 4342.6 | 4334.1 | 4351.2 | 4306.2 |
| 22.5° | 3936.0 | 3950.9 | 3987.3 | 4010.9 | 4064.4 | 4113.6 | 4165.0 | 4192.8 | 4237.7 | 4308.4 | 4299.8 |
| 25° | 3621.3 | 3640.6 | 3692.0 | 3730.5 | 3805.4 | 3880.3 | 3948.8 | 3998.0 | 4051.5 | 4186.4 | 4231.3 |
| 27.5° | 3244.7 | 3274.6 | 3341.0 | 3379.5 | 3484.4 | 3561.4 | 3659.9 | 3756.2 | 3831.1 | 3985.2 | 4077.2 |
| 30° | 2848.7 | 2874.4 | 2945.0 | 2998.5 | 3088.4 | 3193.3 | 3317.4 | 3454.4 | 3578.5 | 3734.8 | 3850.4 |
| 32.5° | 2478.4 | 2506.3 | 2564.0 | 2611.1 | 2711.7 | 2799.5 | 2936.5 | 3105.5 | 3221.1 | 3437.3 | 3591.4 |
| 35° | 2155.3 | 2180.9 | 2221.6 | 2262.3 | 2345.7 | 2435.6 | 2553.3 | 2718.1 | 2865.8 | 3090.6 | 3285.3 |
| 37.5° | 1928.4 | 1932.7 | 1956.2 | 1979.8 | 2041.8 | 2110.3 | 2202.3 | 2347.9 | 2484.9 | 2726.7 | 2940.7 |
| 40° | 1765.7 | 1765.7 | 1778.6 | 1785.0 | 1812.8 | 1853.5 | 1911.3 | 2024.7 | 2138.1 | 2322.2 | 2583.3 |
| 42.5° | 1665.1 | 1660.9 | 1660.9 | 1663.0 | 1660.9 | 1680.1 | 1714.4 | 1767.9 | 1868.5 | 2020.4 | 2223.7 |
| 45° | 1590.2 | 1581.7 | 1575.2 | 1560.3 | 1551.7 | 1551.7 | 1553.8 | 1573.1 | 1630.9 | 1729.3 | 1894.1 |
| 47.5° | 1506.8 | 1504.6 | 1493.9 | 1476.8 | 1461.8 | 1451.1 | 1434.0 | 1427.6 | 1444.7 | 1500.3 | 1611.6 |
| 50° | 1410.4 | 1399.7 | 1389.0 | 1376.2 | 1359.1 | 1348.4 | 1316.3 | 1318.4 | 1303.4 | 1329.1 | 1386.9 |
| 52.5° | 1269.2 | 1260.6 | 1256.3 | 1245.6 | 1239.2 | 1234.9 | 1209.3 | 1183.6 | 1177.2 | 1181.4 | 1202.8 |
| 55° | 1112.9 | 1117.2 | 1100.1 | 1108.7 | 1106.5 | 1087.3 | 1076.6 | 1057.3 | 1050.9 | 1048.7 | 1059.4 |
| 57.5° | 950.3 | 954.6 | 943.9 | 952.4 | 952.4 | 941.7 | 935.3 | 935.3 | 920.3 | 907.5 | 922.5 |
| 60° | 802.6 | 794.0 | 800.5 | 811.2 | 811.2 | 804.7 | 800.5 | 800.5 | 789.8 | 785.5 | 796.2 |
| 62.5° | 682.7 | 674.2 | 680.6 | 691.3 | 693.4 | 689.2 | 684.9 | 684.9 | 672.0 | 672.0 | 680.6 |
| 65° | 590.7 | 592.9 | 590.7 | 599.3 | 599.3 | 601.4 | 597.1 | 592.9 | 577.9 | 584.3 | 582.2 |
| 67.5° | 524.4 | 522.2 | 522.2 | 530.8 | 528.6 | 532.9 | 528.6 | 522.2 | 511.5 | 503.0 | 500.8 |
| 70° | 468.7 | 466.6 | 466.6 | 470.9 | 473.0 | 473.0 | 470.9 | 466.6 | 451.6 | 443.0 | 436.6 |
| 72.5° | 419.5 | 417.4 | 419.5 | 421.6 | 423.8 | 425.9 | 423.8 | 419.5 | 406.7 | 396.0 | 385.2 |
| 75° | 374.5 | 372.4 | 378.8 | 378.8 | 381.0 | 381.0 | 383.1 | 381.0 | 370.3 | 357.4 | 344.6 |
| 77.5° | 329.6 | 331.7 | 338.2 | 340.3 | 344.6 | 346.7 | 348.9 | 348.9 | 338.2 | 327.5 | 310.3 |
| 80° | 293.2 | 297.5 | 301.8 | 303.9 | 308.2 | 314.6 | 316.8 | 318.9 | 310.3 | 299.6 | 280.4 |
| 82.5° | 267.5 | 269.7 | 274.0 | 276.1 | 282.5 | 284.7 | 286.8 | 291.1 | 286.8 | 276.1 | 254.7 |
| 85° | 246.1 | 248.3 | 252.6 | 252.6 | 256.8 | 261.1 | 263.3 | 265.4 | 263.3 | 252.6 | 231.1 |
| 87.5° | 226.9 | 229.0 | 231.1 | 233.3 | 235.4 | 237.6 | 239.7 | 241.9 | 239.7 | 229.0 | 209.7 |
| 90° | 209.7 | 209.7 | 211.9 | 211.9 | 214.0 | 216.2 | 220.4 | 220.4 | 218.3 | 209.7 | 190.5 |
| 92.5° | 190.5 | 192.6 | 192.6 | 194.8 | 196.9 | 199.0 | 201.2 | 201.2 | 199.0 | 190.5 | 173.4 |
| 95° | 177.6 | 177.6 | 179.8 | 179.8 | 181.9 | 181.9 | 184.1 | 184.1 | 181.9 | 173.4 | 156.2 |
| 97.5° | 162.7 | 162.7 | 162.7 | 162.7 | 164.8 | 164.8 | 166.9 | 166.9 | 164.8 | 156.2 | 141.3 |
| 100° | 149.8 | 149.8 | 149.8 | 149.8 | 149.8 | 152.0 | 152.0 | 152.0 | 149.8 | 141.3 | 126.3 |
| 102.5° | 139.1 | 139.1 | 139.1 | 139.1 | 139.1 | 139.1 | 139.1 | 139.1 | 134.8 | 128.4 | 113.4 |
| 105° | 132.7 | 132.7 | 132.7 | 130.6 | 130.6 | 130.6 | 128.4 | 128.4 | 122.0 | 115.6 | 102.7 |
| 107.5° | 124.1 | 124.1 | 124.1 | 122.0 | 122.0 | 119.9 | 117.7 | 117.7 | 111.3 | 104.9 | 92.0 |
| 110° | 117.7 | 117.7 | 117.7 | 115.6 | 113.4 | 111.3 | 109.2 | 107.0 | 100.6 | 92.0 | 81.3 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-112SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|
| 112.5° | 111.3 | 111.3 | 109.2 | 109.2 | 107.0 | 104.9 | 100.6 | 98.5 | 92.0 | 83.5 | 72.8 |
| 115° | 102.7 | 102.7 | 102.7 | 100.6 | 98.5 | 96.3 | 94.2 | 89.9 | 83.5 | 74.9 | 64.2 |
| 117.5° | 94.2 | 94.2 | 94.2 | 92.0 | 89.9 | 87.8 | 85.6 | 81.3 | 74.9 | 66.3 | 57.8 |
| 120° | 85.6 | 85.6 | 85.6 | 83.5 | 81.3 | 79.2 | 77.0 | 72.8 | 66.3 | 59.9 | 49.2 |
| 122.5° | 79.2 | 79.2 | 77.0 | 74.9 | 72.8 | 70.6 | 68.5 | 64.2 | 59.9 | 51.4 | 42.8 |
| 125° | 70.6 | 70.6 | 68.5 | 68.5 | 66.3 | 64.2 | 62.1 | 57.8 | 51.4 | 44.9 | 38.5 |
| 127.5° | 64.2 | 62.1 | 62.1 | 62.1 | 59.9 | 57.8 | 53.5 | 51.4 | 44.9 | 38.5 | 32.1 |
| 130° | 55.6 | 55.6 | 55.6 | 53.5 | 53.5 | 51.4 | 47.1 | 42.8 | 38.5 | 34.2 | 27.8 |
| 132.5° | 49.2 | 49.2 | 49.2 | 49.2 | 47.1 | 44.9 | 40.7 | 38.5 | 34.2 | 27.8 | 23.5 |
| 135° | 44.9 | 44.9 | 42.8 | 42.8 | 40.7 | 38.5 | 36.4 | 32.1 | 27.8 | 23.5 | 19.3 |
| 137.5° | 38.5 | 38.5 | 38.5 | 36.4 | 36.4 | 34.2 | 30.0 | 27.8 | 25.7 | 21.4 | 17.1 |
| 140° | 34.2 | 34.2 | 32.1 | 32.1 | 30.0 | 30.0 | 27.8 | 23.5 | 21.4 | 17.1 | 15.0 |
| 142.5° | 30.0 | 30.0 | 27.8 | 27.8 | 25.7 | 25.7 | 23.5 | 21.4 | 17.1 | 15.0 | 10.7 |
| 145° | 25.7 | 25.7 | 23.5 | 23.5 | 23.5 | 21.4 | 19.3 | 17.1 | 15.0 | 12.8 | 10.7 |
| 147.5° | 21.4 | 21.4 | 21.4 | 19.3 | 19.3 | 17.1 | 17.1 | 15.0 | 12.8 | 10.7 | 8.6 |
| 150° | 19.3 | 19.3 | 17.1 | 17.1 | 17.1 | 15.0 | 12.8 | 12.8 | 10.7 | 8.6 | 6.4 |
| 152.5° | 15.0 | 15.0 | 15.0 | 15.0 | 12.8 | 12.8 | 10.7 | 10.7 | 8.6 | 6.4 | 6.4 |
| 155° | 12.8 | 12.8 | 12.8 | 10.7 | 10.7 | 10.7 | 8.6 | 8.6 | 6.4 | 6.4 | 4.3 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-112SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 | 4143.6 |
| 2.5° | 4120.0 | 4117.9 | 4137.1 | 4135.0 | 4109.3 | 4147.9 | 4173.5 |
| 5° | 4109.3 | 4107.2 | 4124.3 | 4128.6 | 4100.8 | 4141.4 | 4169.3 |
| 7.5° | 4100.8 | 4098.6 | 4117.9 | 4124.3 | 4096.5 | 4132.9 | 4162.8 |
| 10° | 4102.9 | 4092.2 | 4109.3 | 4113.6 | 4087.9 | 4126.4 | 4152.1 |
| 12.5° | 4117.9 | 4092.2 | 4098.6 | 4098.6 | 4075.1 | 4109.3 | 4137.1 |
| 15° | 4154.3 | 4100.8 | 4092.2 | 4085.8 | 4055.8 | 4087.9 | 4115.7 |
| 17.5° | 4194.9 | 4122.2 | 4092.2 | 4070.8 | 4034.4 | 4062.2 | 4092.2 |
| 20° | 4235.6 | 4145.7 | 4096.5 | 4062.2 | 4013.0 | 4038.7 | 4060.1 |
| 22.5° | 4254.9 | 4167.1 | 4100.8 | 4049.4 | 3987.3 | 4000.2 | 4023.7 |
| 25° | 4229.2 | 4158.6 | 4092.2 | 4030.1 | 3955.2 | 3957.4 | 3976.6 |
| 27.5° | 4135.0 | 4115.7 | 4072.9 | 4010.9 | 3929.5 | 3918.8 | 3933.8 |
| 30° | 3974.5 | 4028.0 | 4030.1 | 3985.2 | 3899.6 | 3878.2 | 3884.6 |
| 32.5° | 3749.8 | 3869.6 | 3940.2 | 3931.7 | 3856.8 | 3826.8 | 3831.1 |
| 35° | 3490.8 | 3640.6 | 3794.7 | 3846.1 | 3792.6 | 3769.0 | 3760.5 |
| 37.5° | 3180.4 | 3381.6 | 3587.1 | 3713.4 | 3704.8 | 3689.8 | 3681.3 |
| 40° | 2838.0 | 3079.9 | 3323.8 | 3525.0 | 3587.1 | 3587.1 | 3591.4 |
| 42.5° | 2472.0 | 2754.5 | 3022.1 | 3276.8 | 3422.3 | 3454.4 | 3467.2 |
| 45° | 2118.9 | 2403.5 | 2694.6 | 2987.8 | 3182.6 | 3283.2 | 3319.6 |
| 47.5° | 1797.8 | 2084.6 | 2360.7 | 2681.8 | 2940.7 | 3071.3 | 3129.1 |
| 50° | 1523.9 | 1737.9 | 2029.0 | 2347.9 | 2630.4 | 2790.9 | 2904.4 |
| 52.5° | 1297.0 | 1463.9 | 1718.6 | 2016.1 | 2300.8 | 2521.2 | 2626.1 |
| 55° | 1106.5 | 1220.0 | 1436.1 | 1693.0 | 1964.8 | 2193.8 | 2315.8 |
| 57.5° | 946.0 | 1035.9 | 1183.6 | 1397.6 | 1626.6 | 1853.5 | 1984.0 |
| 60° | 804.7 | 866.8 | 967.4 | 1136.5 | 1331.3 | 1526.0 | 1652.3 |
| 62.5° | 682.7 | 723.4 | 789.8 | 913.9 | 1065.9 | 1217.8 | 1335.5 |
| 65° | 588.6 | 605.7 | 642.1 | 719.1 | 834.7 | 950.3 | 1050.9 |
| 67.5° | 496.5 | 507.2 | 535.1 | 582.2 | 639.9 | 723.4 | 789.8 |
| 70° | 428.1 | 428.1 | 430.2 | 458.0 | 488.0 | 541.5 | 588.6 |
| 72.5° | 372.4 | 366.0 | 353.1 | 359.6 | 366.0 | 396.0 | 425.9 |
| 75° | 327.5 | 312.5 | 291.1 | 282.5 | 278.2 | 282.5 | 299.6 |
| 77.5° | 288.9 | 267.5 | 241.9 | 220.4 | 203.3 | 196.9 | 211.9 |
| 80° | 256.8 | 231.1 | 201.2 | 173.4 | 145.5 | 130.6 | 137.0 |
| 82.5° | 231.1 | 199.0 | 166.9 | 134.8 | 102.7 | 81.3 | 81.3 |
| 85° | 203.3 | 173.4 | 139.1 | 104.9 | 72.8 | 44.9 | 40.7 |
| 87.5° | 184.1 | 152.0 | 115.6 | 83.5 | 51.4 | 23.5 | 12.8 |
| 90° | 164.8 | 132.7 | 98.5 | 66.3 | 36.4 | 10.7 | 0.0 |
| 92.5° | 147.7 | 117.7 | 85.6 | 53.5 | 25.7 | 6.4 | 0.0 |
| 95° | 132.7 | 104.9 | 72.8 | 44.9 | 21.4 | 4.3 | 2.1 |
| 97.5° | 117.7 | 92.0 | 64.2 | 36.4 | 15.0 | 4.3 | 2.1 |
| 100° | 107.0 | 81.3 | 55.6 | 30.0 | 12.8 | 2.1 | 2.1 |
| 102.5° | 94.2 | 72.8 | 47.1 | 25.7 | 10.7 | 2.1 | 2.1 |
| 105° | 83.5 | 64.2 | 40.7 | 21.4 | 8.6 | 2.1 | 2.1 |
| 107.5° | 74.9 | 55.6 | 36.4 | 19.3 | 8.6 | 2.1 | 2.1 |
| 110° | 66.3 | 49.2 | 32.1 | 17.1 | 6.4 | 2.1 | 2.1 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-112SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|------|------|------|------|------|------|------|
| 112.5° | 59.9 | 42.8 | 27.8 | 15.0 | 4.3 | 2.1 | 2.1 |
| 115° | 51.4 | 38.5 | 23.5 | 12.8 | 4.3 | 2.1 | 2.1 |
| 117.5° | 44.9 | 32.1 | 21.4 | 10.7 | 4.3 | 2.1 | 2.1 |
| 120° | 38.5 | 27.8 | 17.1 | 8.6 | 2.1 | 2.1 | 2.1 |
| 122.5° | 34.2 | 23.5 | 15.0 | 8.6 | 2.1 | 2.1 | 2.1 |
| 125° | 30.0 | 21.4 | 12.8 | 6.4 | 2.1 | 2.1 | 2.1 |
| 127.5° | 25.7 | 17.1 | 10.7 | 4.3 | 2.1 | 2.1 | 2.1 |
| 130° | 21.4 | 15.0 | 8.6 | 4.3 | 2.1 | 2.1 | 2.1 |
| 132.5° | 17.1 | 12.8 | 8.6 | 4.3 | 2.1 | 2.1 | 2.1 |
| 135° | 15.0 | 10.7 | 6.4 | 4.3 | 2.1 | 2.1 | 2.1 |
| 137.5° | 12.8 | 8.6 | 4.3 | 4.3 | 4.3 | 2.1 | 2.1 |
| 140° | 10.7 | 6.4 | 4.3 | 4.3 | 4.3 | 4.3 | 2.1 |
| 142.5° | 8.6 | 6.4 | 4.3 | 4.3 | 4.3 | 4.3 | 2.1 |
| 145° | 6.4 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 2.1 |
| 147.5° | 6.4 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 2.1 |
| 150° | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 |
| 152.5° | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 |
| 155° | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)