

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-LD5-60SL-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-LD5-60SL-LC-UNV-L935-CD1-U
Description: 8FT LINEAR SNLED LED FIXTURE
CLEAR LENSED
Light Source: -
Ballast/Driver: -

Summary

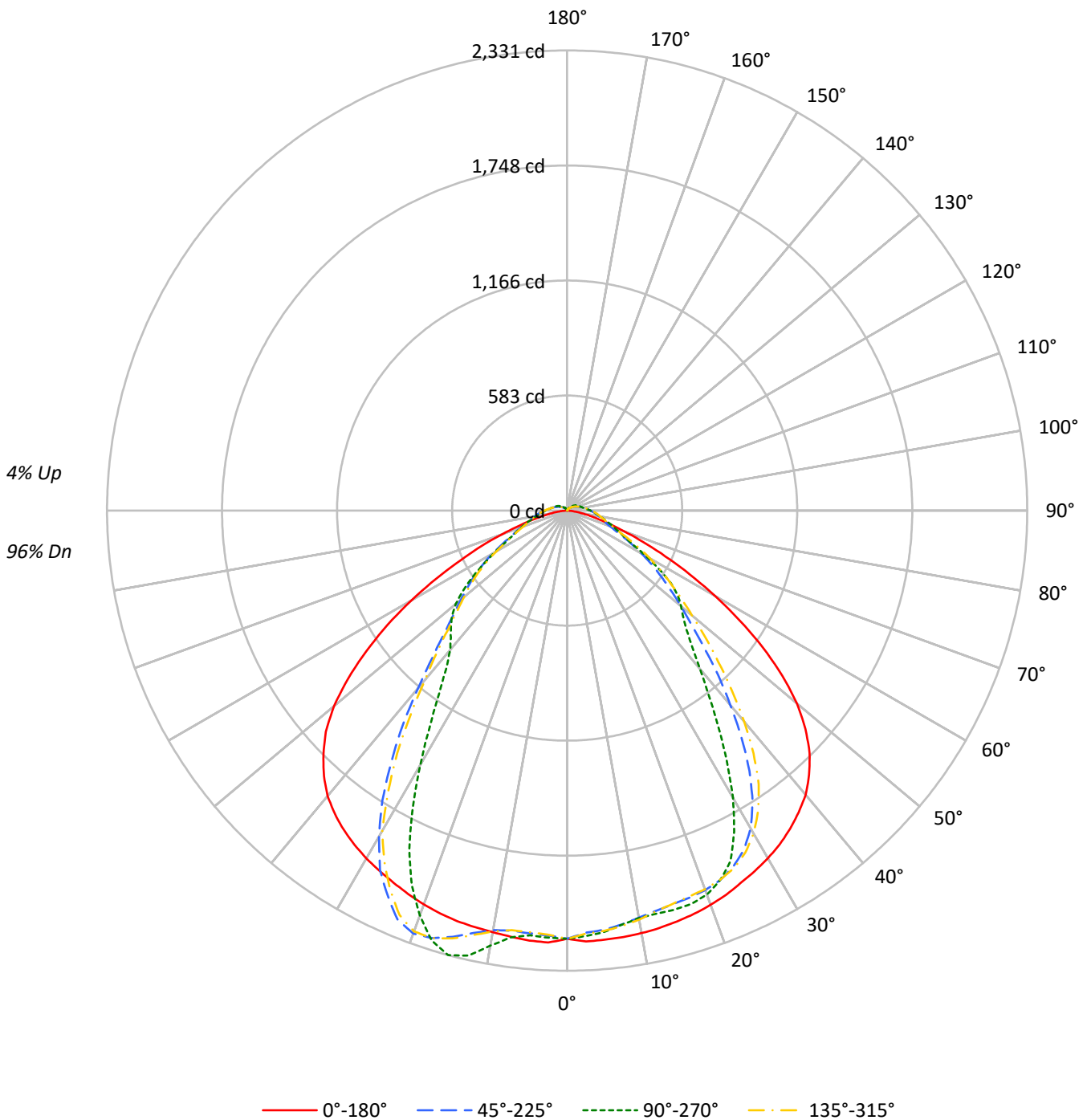
Lumens per Lamp: N/A
Luminaire Lumens: 5170.0 lumens
Efficiency: N/A
Efficacy: 123.1 lumens/watt
Spacing Criteria (0/90/45): 1.4 / 1.12 / 1.19
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 8' x H: 0.12')
CIE Type: Direct

Input Watts (W): 42
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-LD5-60SL-LC-UNV-L935-CD1-U

Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-60SL-LC-UNV-L935-CD1-U

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|---|
| RF | 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 | 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° | 8763 | 8763 | 8763 | 8763 |
| 5° | 8838 | 8415 | 8857 | 8481 |
| 10° | 8892 | 8065 | 8873 | 8613 |
| 15° | 8973 | 7957 | 8969 | 8860 |
| 20° | 9085 | 7831 | 9076 | 8255 |
| 25° | 9212 | 7429 | 9207 | 7178 |
| 30° | 9401 | 6439 | 9406 | 5704 |
| 35° | 9603 | 5207 | 9631 | 4406 |
| 40° | 9786 | 4192 | 9827 | 3693 |
| 45° | 9775 | 3551 | 9826 | 3458 |
| 50° | 9381 | 3269 | 9512 | 3196 |
| 55° | 8351 | 2938 | 8560 | 2671 |
| 60° | 6804 | 2249 | 7165 | 2063 |
| 65° | 5088 | 1721 | 5482 | 1632 |
| 70° | 3490 | 1485 | 3934 | 1420 |
| 75° | 2313 | 1340 | 2694 | 1267 |
| 80° | 1533 | 1249 | 1795 | 1150 |
| 85° | 838 | 1247 | 1101 | 1138 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-60SL-LC-UNV-L935-CD1-U

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 206.0 | 4.0 |
| 10°-20° | 612.9 | 11.9 |
| 20°-30° | 931.8 | 18.0 |
| 30°-40° | 999.6 | 19.3 |
| 40°-50° | 867.6 | 16.8 |
| 50°-60° | 642.9 | 12.4 |
| 60°-70° | 368.4 | 7.1 |
| 70°-80° | 204.0 | 3.9 |
| 80°-90° | 124.2 | 2.4 |
| 90°-100° | 80.8 | 1.6 |
| 100°-110° | 54.1 | 1.0 |
| 110°-120° | 36.5 | 0.7 |
| 120°-130° | 22.4 | 0.4 |
| 130°-140° | 11.8 | 0.2 |
| 140°-150° | 5.4 | 0.1 |
| 150°-160° | 1.6 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-30° | 1750.7 | 33.9 |
| 0°-40° | 2750.3 | 53.2 |
| 0°-60° | 4260.8 | 82.4 |
| 0°-90° | 4957.4 | 95.9 |
| 90°-120° | 171.4 | 3.3 |
| 90°-150° | 211.0 | 4.1 |
| 90°-180° | 213.0 | 4.1 |
| 0°-180° | 5170.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 2169 | 2169 | 2169 | 2169 | 2169 | |
| 5° | 2182 | 2143 | 2187 | 2160 | 2182 | 208 |
| 15° | 2154 | 2094 | 2153 | 2331 | 2154 | 609 |
| 25° | 2081 | 1958 | 2080 | 1892 | 2081 | 962 |
| 35° | 1968 | 1333 | 1974 | 1128 | 1968 | 1232 |
| 45° | 1737 | 855 | 1746 | 832 | 1737 | 1330 |
| 55° | 1212 | 641 | 1242 | 582 | 1212 | 1075 |
| 65° | 550 | 325 | 593 | 308 | 550 | 554 |
| 75° | 157 | 206 | 183 | 195 | 157 | 179 |
| 85° | 21 | 142 | 28 | 130 | 21 | 28 |
| 90° | 0 | 119 | 2 | 110 | 0 | 1 |
| 95° | 1 | 98 | 0 | 93 | 1 | 1 |
| 105° | 1 | 73 | 1 | 70 | 1 | 1 |
| 115° | 1 | 59 | 1 | 54 | 1 | 1 |
| 125° | 1 | 45 | 1 | 37 | 1 | 1 |
| 135° | 1 | 28 | 1 | 24 | 1 | 1 |
| 145° | 1 | 17 | 2 | 13 | 1 | 1 |
| 155° | 2 | 8 | 2 | 7 | 2 | 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-LD5-60SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 |
| 2.5° | 2184.4 | 2178.8 | 2176.5 | 2172.0 | 2175.4 | 2188.8 | 2179.9 | 2165.3 | 2166.4 | 2140.7 | 2154.1 |
| 5° | 2182.1 | 2175.4 | 2172.0 | 2167.6 | 2169.8 | 2182.1 | 2173.2 | 2158.6 | 2157.5 | 2131.7 | 2144.0 |
| 7.5° | 2178.8 | 2172.0 | 2166.4 | 2163.1 | 2164.2 | 2174.3 | 2163.1 | 2146.3 | 2142.9 | 2114.9 | 2126.1 |
| 10° | 2173.2 | 2168.7 | 2160.8 | 2155.2 | 2154.1 | 2165.3 | 2147.4 | 2130.6 | 2122.8 | 2093.6 | 2104.8 |
| 12.5° | 2165.3 | 2158.6 | 2150.8 | 2140.7 | 2139.6 | 2146.3 | 2131.7 | 2108.2 | 2100.4 | 2076.8 | 2089.2 |
| 15° | 2154.1 | 2146.3 | 2137.3 | 2126.1 | 2120.5 | 2125.0 | 2107.1 | 2085.8 | 2084.7 | 2064.5 | 2081.3 |
| 17.5° | 2141.8 | 2130.6 | 2120.5 | 2104.8 | 2097.0 | 2100.4 | 2085.8 | 2066.7 | 2069.0 | 2056.7 | 2075.7 |
| 20° | 2125.0 | 2112.7 | 2097.0 | 2081.3 | 2070.1 | 2075.7 | 2065.6 | 2051.1 | 2054.4 | 2045.5 | 2062.3 |
| 22.5° | 2106.0 | 2089.2 | 2070.1 | 2052.2 | 2043.2 | 2051.1 | 2043.2 | 2030.9 | 2032.0 | 2026.4 | 2036.5 |
| 25° | 2081.3 | 2062.3 | 2039.9 | 2017.5 | 2013.0 | 2018.6 | 2014.1 | 2004.0 | 1999.5 | 1990.6 | 1995.1 |
| 27.5° | 2058.9 | 2037.6 | 2009.6 | 1986.1 | 1978.3 | 1989.5 | 1979.4 | 1962.6 | 1950.2 | 1937.9 | 1929.0 |
| 30° | 2033.1 | 2007.4 | 1976.0 | 1949.1 | 1942.4 | 1946.9 | 1932.3 | 1906.6 | 1874.1 | 1858.4 | 1833.7 |
| 32.5° | 2005.1 | 1971.5 | 1932.3 | 1902.1 | 1897.6 | 1894.2 | 1867.4 | 1830.4 | 1780.0 | 1748.6 | 1710.5 |
| 35° | 1968.2 | 1931.2 | 1884.2 | 1847.2 | 1840.5 | 1821.4 | 1777.7 | 1728.4 | 1663.5 | 1609.7 | 1544.7 |
| 37.5° | 1926.7 | 1883.0 | 1833.7 | 1784.5 | 1765.4 | 1727.3 | 1665.7 | 1614.2 | 1515.6 | 1450.6 | 1372.2 |
| 40° | 1879.7 | 1827.0 | 1766.5 | 1707.2 | 1675.8 | 1614.2 | 1543.6 | 1467.4 | 1372.2 | 1284.9 | 1218.8 |
| 42.5° | 1814.7 | 1758.7 | 1687.0 | 1620.9 | 1567.1 | 1485.4 | 1402.5 | 1294.9 | 1207.6 | 1133.6 | 1066.4 |
| 45° | 1737.4 | 1670.2 | 1587.3 | 1507.8 | 1439.4 | 1342.0 | 1244.5 | 1137.0 | 1064.2 | 977.9 | 932.0 |
| 47.5° | 1637.7 | 1564.9 | 1476.4 | 1387.9 | 1298.3 | 1190.8 | 1088.8 | 985.8 | 913.0 | 851.3 | 817.7 |
| 50° | 1520.1 | 1452.9 | 1355.4 | 1250.1 | 1151.6 | 1039.5 | 937.6 | 860.3 | 789.7 | 751.6 | 725.9 |
| 52.5° | 1374.5 | 1311.7 | 1212.0 | 1097.8 | 1002.6 | 892.8 | 799.8 | 737.1 | 686.7 | 658.7 | 649.7 |
| 55° | 1212.0 | 1157.2 | 1058.6 | 952.2 | 854.7 | 753.9 | 683.3 | 628.4 | 595.9 | 579.1 | 580.3 |
| 57.5° | 1038.4 | 995.8 | 902.9 | 807.7 | 715.8 | 639.6 | 575.8 | 532.1 | 507.4 | 506.3 | 509.7 |
| 60° | 864.8 | 833.4 | 752.8 | 671.0 | 590.3 | 528.7 | 481.7 | 451.4 | 435.8 | 436.9 | 435.8 |
| 62.5° | 699.0 | 669.9 | 611.6 | 544.4 | 480.6 | 439.1 | 396.5 | 384.2 | 370.8 | 369.7 | 369.7 |
| 65° | 550.0 | 527.6 | 480.6 | 432.4 | 384.2 | 357.3 | 336.1 | 321.5 | 311.4 | 309.2 | 310.3 |
| 67.5° | 413.3 | 404.4 | 371.9 | 339.4 | 309.2 | 292.4 | 274.4 | 271.1 | 263.2 | 263.2 | 265.5 |
| 70° | 308.1 | 301.3 | 283.4 | 264.4 | 252.0 | 240.8 | 231.9 | 231.9 | 230.8 | 229.6 | 235.2 |
| 72.5° | 222.9 | 224.0 | 218.4 | 203.9 | 202.8 | 200.5 | 198.3 | 201.6 | 202.8 | 206.1 | 212.8 |
| 75° | 156.8 | 160.2 | 160.2 | 157.9 | 162.4 | 168.0 | 171.4 | 177.0 | 183.7 | 188.2 | 196.0 |
| 77.5° | 110.9 | 110.9 | 116.5 | 123.2 | 132.2 | 142.3 | 151.2 | 159.1 | 168.0 | 173.6 | 180.4 |
| 80° | 71.7 | 75.1 | 84.0 | 96.3 | 108.7 | 122.1 | 134.4 | 144.5 | 153.5 | 162.4 | 166.9 |
| 82.5° | 42.6 | 48.2 | 59.4 | 75.1 | 90.7 | 107.5 | 119.9 | 132.2 | 142.3 | 151.2 | 154.6 |
| 85° | 21.3 | 29.1 | 42.6 | 59.4 | 76.2 | 94.1 | 109.8 | 121.0 | 132.2 | 140.0 | 144.5 |
| 87.5° | 6.7 | 15.7 | 30.2 | 45.9 | 63.9 | 81.8 | 98.6 | 110.9 | 121.0 | 127.7 | 132.2 |
| 90° | 0.0 | 7.8 | 21.3 | 38.1 | 54.9 | 72.8 | 88.5 | 101.9 | 112.0 | 117.6 | 121.0 |
| 92.5° | 0.0 | 4.5 | 16.8 | 31.4 | 47.0 | 65.0 | 80.7 | 93.0 | 101.9 | 107.5 | 109.8 |
| 95° | 1.1 | 3.4 | 12.3 | 25.8 | 41.4 | 58.2 | 72.8 | 84.0 | 93.0 | 98.6 | 99.7 |
| 97.5° | 1.1 | 2.2 | 10.1 | 21.3 | 35.8 | 51.5 | 66.1 | 77.3 | 84.0 | 89.6 | 90.7 |
| 100° | 1.1 | 2.2 | 7.8 | 19.0 | 31.4 | 45.9 | 59.4 | 69.5 | 77.3 | 81.8 | 82.9 |
| 102.5° | 1.1 | 1.1 | 6.7 | 15.7 | 28.0 | 40.3 | 52.6 | 62.7 | 69.5 | 73.9 | 76.2 |
| 105° | 1.1 | 1.1 | 5.6 | 13.4 | 24.6 | 35.8 | 47.0 | 57.1 | 62.7 | 67.2 | 69.5 |
| 107.5° | 1.1 | 1.1 | 4.5 | 11.2 | 21.3 | 31.4 | 42.6 | 50.4 | 57.1 | 61.6 | 63.9 |
| 110° | 1.1 | 1.1 | 3.4 | 10.1 | 17.9 | 28.0 | 37.0 | 44.8 | 51.5 | 56.0 | 58.2 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-60SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-----|-----|-----|-----|------|------|------|------|------|------|------|
| 112.5° | 1.1 | 1.1 | 3.4 | 9.0 | 15.7 | 24.6 | 32.5 | 40.3 | 45.9 | 50.4 | 53.8 |
| 115° | 1.1 | 1.1 | 3.4 | 7.8 | 14.6 | 21.3 | 29.1 | 35.8 | 41.4 | 45.9 | 49.3 |
| 117.5° | 1.1 | 1.1 | 3.4 | 6.7 | 12.3 | 19.0 | 25.8 | 32.5 | 37.0 | 41.4 | 44.8 |
| 120° | 1.1 | 1.1 | 2.2 | 5.6 | 11.2 | 16.8 | 22.4 | 28.0 | 33.6 | 38.1 | 41.4 |
| 122.5° | 1.1 | 1.1 | 2.2 | 5.6 | 9.0 | 14.6 | 20.2 | 24.6 | 30.2 | 33.6 | 37.0 |
| 125° | 1.1 | 1.1 | 2.2 | 4.5 | 7.8 | 13.4 | 17.9 | 22.4 | 25.8 | 30.2 | 33.6 |
| 127.5° | 1.1 | 1.1 | 2.2 | 4.5 | 6.7 | 11.2 | 15.7 | 20.2 | 23.5 | 26.9 | 29.1 |
| 130° | 1.1 | 1.1 | 2.2 | 3.4 | 5.6 | 9.0 | 13.4 | 16.8 | 21.3 | 23.5 | 25.8 |
| 132.5° | 1.1 | 1.1 | 1.1 | 3.4 | 4.5 | 6.7 | 10.1 | 14.6 | 17.9 | 21.3 | 22.4 |
| 135° | 1.1 | 1.1 | 1.1 | 2.2 | 4.5 | 5.6 | 7.8 | 11.2 | 14.6 | 17.9 | 20.2 |
| 137.5° | 1.1 | 1.1 | 1.1 | 2.2 | 3.4 | 5.6 | 6.7 | 9.0 | 12.3 | 14.6 | 17.9 |
| 140° | 1.1 | 1.1 | 1.1 | 2.2 | 3.4 | 4.5 | 5.6 | 7.8 | 10.1 | 12.3 | 14.6 |
| 142.5° | 1.1 | 1.1 | 1.1 | 2.2 | 2.2 | 3.4 | 4.5 | 6.7 | 7.8 | 10.1 | 12.3 |
| 145° | 1.1 | 1.1 | 1.1 | 2.2 | 2.2 | 3.4 | 4.5 | 5.6 | 6.7 | 7.8 | 10.1 |
| 147.5° | 1.1 | 1.1 | 1.1 | 2.2 | 2.2 | 2.2 | 3.4 | 4.5 | 5.6 | 6.7 | 7.8 |
| 150° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 3.4 | 3.4 | 4.5 | 5.6 | 6.7 |
| 152.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 3.4 | 3.4 | 3.4 | 4.5 | 5.6 |
| 155° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 3.4 | 3.4 | 4.5 | 4.5 |
| 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-LD5-60SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 |
| 2.5° | 2149.6 | 2151.9 | 2165.3 | 2164.2 | 2162.0 | 2159.7 | 2159.7 | 2157.5 | 2159.7 | 2165.3 | 2163.1 |
| 5° | 2138.4 | 2141.8 | 2151.9 | 2150.8 | 2148.5 | 2147.4 | 2146.3 | 2142.9 | 2145.2 | 2153.0 | 2150.8 |
| 7.5° | 2118.3 | 2121.6 | 2130.6 | 2126.1 | 2122.8 | 2125.0 | 2119.4 | 2116.0 | 2120.5 | 2128.4 | 2127.2 |
| 10° | 2097.0 | 2099.2 | 2110.4 | 2108.2 | 2102.6 | 2103.7 | 2098.1 | 2095.9 | 2101.5 | 2106.0 | 2107.1 |
| 12.5° | 2082.4 | 2090.3 | 2100.4 | 2099.2 | 2098.1 | 2099.2 | 2093.6 | 2091.4 | 2094.8 | 2099.2 | 2098.1 |
| 15° | 2079.1 | 2089.2 | 2100.4 | 2100.4 | 2101.5 | 2102.6 | 2097.0 | 2093.6 | 2097.0 | 2100.4 | 2099.2 |
| 17.5° | 2075.7 | 2088.0 | 2098.1 | 2097.0 | 2098.1 | 2100.4 | 2091.4 | 2089.2 | 2093.6 | 2098.1 | 2095.9 |
| 20° | 2064.5 | 2075.7 | 2082.4 | 2080.2 | 2080.2 | 2081.3 | 2070.1 | 2070.1 | 2076.8 | 2080.2 | 2081.3 |
| 22.5° | 2033.1 | 2046.6 | 2046.6 | 2041.0 | 2041.0 | 2036.5 | 2033.1 | 2026.4 | 2034.3 | 2039.9 | 2044.3 |
| 25° | 1986.1 | 1991.7 | 1985.0 | 1972.7 | 1965.9 | 1960.3 | 1944.6 | 1958.1 | 1958.1 | 1974.9 | 1980.5 |
| 27.5° | 1920.0 | 1907.7 | 1888.6 | 1862.9 | 1857.3 | 1839.3 | 1829.3 | 1832.6 | 1838.2 | 1861.8 | 1879.7 |
| 30° | 1811.3 | 1774.4 | 1741.9 | 1730.7 | 1706.0 | 1688.1 | 1670.2 | 1679.2 | 1689.2 | 1702.7 | 1739.7 |
| 32.5° | 1668.0 | 1632.1 | 1579.5 | 1560.4 | 1534.7 | 1512.3 | 1491.0 | 1504.4 | 1522.3 | 1531.3 | 1571.6 |
| 35° | 1503.3 | 1460.7 | 1412.6 | 1380.1 | 1353.2 | 1340.9 | 1314.0 | 1333.0 | 1352.1 | 1358.8 | 1393.5 |
| 37.5° | 1328.5 | 1284.9 | 1242.3 | 1214.3 | 1188.5 | 1180.7 | 1162.8 | 1176.2 | 1190.8 | 1200.8 | 1230.0 |
| 40° | 1162.8 | 1122.4 | 1089.9 | 1070.9 | 1053.0 | 1046.3 | 1039.5 | 1045.1 | 1056.3 | 1064.2 | 1086.6 |
| 42.5° | 1020.5 | 988.0 | 965.6 | 954.4 | 942.1 | 933.1 | 934.2 | 936.5 | 942.1 | 958.9 | 969.0 |
| 45° | 896.2 | 877.1 | 862.5 | 860.3 | 852.5 | 851.3 | 850.2 | 854.7 | 858.1 | 868.1 | 876.0 |
| 47.5° | 796.5 | 788.6 | 785.3 | 789.7 | 793.1 | 788.6 | 790.9 | 796.5 | 803.2 | 803.2 | 802.1 |
| 50° | 718.0 | 720.3 | 724.8 | 734.8 | 741.6 | 743.8 | 746.0 | 752.8 | 753.9 | 756.1 | 752.8 |
| 52.5° | 654.2 | 656.4 | 668.8 | 684.4 | 692.3 | 695.6 | 700.1 | 706.8 | 706.8 | 709.1 | 704.6 |
| 55° | 589.2 | 592.6 | 604.9 | 620.6 | 627.3 | 631.8 | 636.3 | 640.7 | 644.1 | 648.6 | 645.2 |
| 57.5° | 517.5 | 527.6 | 535.4 | 539.9 | 544.4 | 547.8 | 551.1 | 552.3 | 559.0 | 560.1 | 565.7 |
| 60° | 441.4 | 443.6 | 451.4 | 450.3 | 447.0 | 455.9 | 451.4 | 459.3 | 467.1 | 477.2 | 478.3 |
| 62.5° | 368.5 | 369.7 | 375.3 | 373.0 | 377.5 | 376.4 | 379.7 | 379.7 | 385.3 | 389.8 | 395.4 |
| 65° | 311.4 | 312.5 | 317.0 | 317.0 | 315.9 | 319.3 | 322.6 | 324.9 | 324.9 | 328.2 | 332.7 |
| 67.5° | 268.8 | 272.2 | 276.7 | 278.9 | 281.2 | 281.2 | 284.5 | 285.6 | 287.9 | 289.0 | 291.2 |
| 70° | 239.7 | 244.2 | 248.7 | 250.9 | 252.0 | 254.3 | 255.4 | 255.4 | 257.6 | 258.8 | 261.0 |
| 72.5° | 218.4 | 222.9 | 226.3 | 226.3 | 228.5 | 229.6 | 229.6 | 230.8 | 231.9 | 234.1 | 236.4 |
| 75° | 200.5 | 203.9 | 206.1 | 205.0 | 205.0 | 205.0 | 206.1 | 206.1 | 208.4 | 210.6 | 212.8 |
| 77.5° | 183.7 | 187.1 | 187.1 | 184.8 | 184.8 | 184.8 | 184.8 | 186.0 | 187.1 | 189.3 | 191.6 |
| 80° | 171.4 | 171.4 | 170.3 | 170.3 | 168.0 | 166.9 | 166.9 | 168.0 | 168.0 | 170.3 | 173.6 |
| 82.5° | 157.9 | 157.9 | 156.8 | 155.7 | 154.6 | 153.5 | 153.5 | 154.6 | 155.7 | 156.8 | 159.1 |
| 85° | 145.6 | 145.6 | 143.4 | 143.4 | 142.3 | 142.3 | 142.3 | 142.3 | 143.4 | 144.5 | 146.7 |
| 87.5° | 133.3 | 132.2 | 131.1 | 129.9 | 129.9 | 129.9 | 129.9 | 129.9 | 131.1 | 133.3 | 134.4 |
| 90° | 121.0 | 119.9 | 118.7 | 118.7 | 117.6 | 117.6 | 118.7 | 118.7 | 119.9 | 121.0 | 122.1 |
| 92.5° | 109.8 | 108.7 | 107.5 | 107.5 | 106.4 | 106.4 | 107.5 | 106.4 | 108.7 | 108.7 | 109.8 |
| 95° | 99.7 | 98.6 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 98.6 | 98.6 | 99.7 |
| 97.5° | 90.7 | 89.6 | 88.5 | 88.5 | 89.6 | 88.5 | 89.6 | 89.6 | 89.6 | 90.7 | 91.9 |
| 100° | 82.9 | 81.8 | 81.8 | 82.9 | 81.8 | 81.8 | 82.9 | 82.9 | 82.9 | 82.9 | 84.0 |
| 102.5° | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 77.3 | 77.3 | 77.3 | 77.3 | 78.4 |
| 105° | 69.5 | 70.6 | 70.6 | 70.6 | 71.7 | 71.7 | 71.7 | 72.8 | 72.8 | 72.8 | 72.8 |
| 107.5° | 65.0 | 66.1 | 66.1 | 67.2 | 67.2 | 68.3 | 68.3 | 68.3 | 68.3 | 69.5 | 69.5 |
| 110° | 60.5 | 61.6 | 62.7 | 63.9 | 63.9 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-60SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 56.0 | 57.1 | 58.2 | 60.5 | 61.6 | 61.6 | 61.6 | 61.6 | 62.7 | 62.7 | 61.6 |
| 115° | 51.5 | 53.8 | 54.9 | 57.1 | 58.2 | 58.2 | 59.4 | 59.4 | 59.4 | 59.4 | 58.2 |
| 117.5° | 47.0 | 50.4 | 51.5 | 53.8 | 54.9 | 54.9 | 56.0 | 56.0 | 56.0 | 56.0 | 54.9 |
| 120° | 43.7 | 45.9 | 48.2 | 49.3 | 50.4 | 51.5 | 51.5 | 52.6 | 52.6 | 52.6 | 51.5 |
| 122.5° | 40.3 | 42.6 | 44.8 | 45.9 | 47.0 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 |
| 125° | 35.8 | 38.1 | 40.3 | 41.4 | 42.6 | 43.7 | 43.7 | 44.8 | 44.8 | 44.8 | 43.7 |
| 127.5° | 32.5 | 34.7 | 35.8 | 38.1 | 39.2 | 39.2 | 40.3 | 40.3 | 40.3 | 40.3 | 39.2 |
| 130° | 28.0 | 30.2 | 32.5 | 33.6 | 34.7 | 34.7 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 |
| 132.5° | 24.6 | 26.9 | 28.0 | 30.2 | 30.2 | 31.4 | 31.4 | 32.5 | 32.5 | 32.5 | 31.4 |
| 135° | 22.4 | 23.5 | 24.6 | 26.9 | 26.9 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 |
| 137.5° | 20.2 | 21.3 | 22.4 | 23.5 | 23.5 | 24.6 | 24.6 | 24.6 | 24.6 | 25.8 | 24.6 |
| 140° | 16.8 | 19.0 | 20.2 | 20.2 | 21.3 | 21.3 | 21.3 | 22.4 | 22.4 | 22.4 | 21.3 |
| 142.5° | 14.6 | 15.7 | 16.8 | 17.9 | 19.0 | 19.0 | 19.0 | 19.0 | 20.2 | 19.0 | 19.0 |
| 145° | 11.2 | 13.4 | 14.6 | 15.7 | 16.8 | 16.8 | 16.8 | 16.8 | 16.8 | 16.8 | 16.8 |
| 147.5° | 9.0 | 10.1 | 12.3 | 13.4 | 13.4 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 |
| 150° | 7.8 | 7.8 | 10.1 | 11.2 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 |
| 152.5° | 5.6 | 6.7 | 7.8 | 9.0 | 10.1 | 10.1 | 10.1 | 10.1 | 10.1 | 10.1 | 10.1 |
| 155° | 5.6 | 5.6 | 6.7 | 6.7 | 7.8 | 7.8 | 7.8 | 7.8 | 9.0 | 7.8 | 7.8 |
| 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-LD5-60SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 |
| 2.5° | 2159.7 | 2158.6 | 2163.1 | 2158.6 | 2136.2 | 2145.2 | 2141.8 | 2154.1 | 2155.2 | 2158.6 | 2169.8 |
| 5° | 2148.5 | 2148.5 | 2154.1 | 2149.6 | 2128.4 | 2137.3 | 2136.2 | 2148.5 | 2150.8 | 2153.0 | 2165.3 |
| 7.5° | 2126.1 | 2127.2 | 2135.1 | 2131.7 | 2109.3 | 2122.8 | 2121.6 | 2136.2 | 2140.7 | 2145.2 | 2156.4 |
| 10° | 2104.8 | 2103.7 | 2112.7 | 2109.3 | 2088.0 | 2103.7 | 2102.6 | 2117.2 | 2123.9 | 2131.7 | 2145.2 |
| 12.5° | 2093.6 | 2090.3 | 2093.6 | 2090.3 | 2066.7 | 2079.1 | 2080.2 | 2097.0 | 2104.8 | 2114.9 | 2130.6 |
| 15° | 2093.6 | 2088.0 | 2088.0 | 2081.3 | 2054.4 | 2062.3 | 2063.4 | 2074.6 | 2084.7 | 2094.8 | 2113.8 |
| 17.5° | 2091.4 | 2085.8 | 2084.7 | 2079.1 | 2049.9 | 2049.9 | 2048.8 | 2056.7 | 2062.3 | 2072.3 | 2092.5 |
| 20° | 2079.1 | 2076.8 | 2075.7 | 2072.3 | 2045.5 | 2041.0 | 2038.7 | 2038.7 | 2042.1 | 2045.5 | 2065.6 |
| 22.5° | 2046.6 | 2048.8 | 2051.1 | 2053.3 | 2032.0 | 2024.2 | 2025.3 | 2023.1 | 2019.7 | 2019.7 | 2036.5 |
| 25° | 1986.1 | 1997.3 | 2006.3 | 2016.3 | 2004.0 | 1998.4 | 2005.1 | 2001.8 | 1996.2 | 1991.7 | 2006.3 |
| 27.5° | 1889.8 | 1913.3 | 1932.3 | 1957.0 | 1958.1 | 1953.6 | 1971.5 | 1969.3 | 1968.2 | 1961.4 | 1972.7 |
| 30° | 1756.5 | 1793.4 | 1819.2 | 1855.0 | 1885.3 | 1889.8 | 1920.0 | 1924.5 | 1929.0 | 1925.6 | 1936.8 |
| 32.5° | 1595.1 | 1645.6 | 1689.2 | 1745.3 | 1774.4 | 1800.1 | 1842.7 | 1860.6 | 1878.6 | 1884.2 | 1896.5 |
| 35° | 1419.3 | 1476.4 | 1527.9 | 1589.5 | 1635.5 | 1691.5 | 1743.0 | 1769.9 | 1810.2 | 1825.9 | 1843.8 |
| 37.5° | 1252.4 | 1306.1 | 1356.5 | 1418.2 | 1492.1 | 1550.3 | 1614.2 | 1674.7 | 1729.6 | 1752.0 | 1778.9 |
| 40° | 1104.5 | 1148.2 | 1196.4 | 1250.1 | 1317.3 | 1393.5 | 1463.0 | 1547.0 | 1612.0 | 1656.8 | 1696.0 |
| 42.5° | 992.5 | 1013.8 | 1055.2 | 1103.4 | 1157.2 | 1234.4 | 1305.0 | 1399.1 | 1477.5 | 1541.4 | 1606.3 |
| 45° | 892.8 | 902.9 | 933.1 | 958.9 | 1013.8 | 1082.1 | 1157.2 | 1249.0 | 1330.8 | 1412.6 | 1491.0 |
| 47.5° | 807.7 | 820.0 | 834.5 | 850.2 | 889.4 | 946.6 | 1011.5 | 1094.4 | 1176.2 | 1271.4 | 1361.0 |
| 50° | 750.5 | 753.9 | 756.1 | 762.8 | 786.4 | 825.6 | 878.2 | 948.8 | 1027.2 | 1129.1 | 1224.4 |
| 52.5° | 700.1 | 700.1 | 693.4 | 690.0 | 699.0 | 723.6 | 753.9 | 804.3 | 884.9 | 979.0 | 1079.9 |
| 55° | 646.3 | 636.3 | 634.0 | 622.8 | 625.1 | 636.3 | 650.8 | 690.0 | 756.1 | 836.8 | 934.2 |
| 57.5° | 571.3 | 566.8 | 566.8 | 562.3 | 553.4 | 559.0 | 562.3 | 590.3 | 637.4 | 706.8 | 792.0 |
| 60° | 485.0 | 482.8 | 488.4 | 489.5 | 481.7 | 485.0 | 483.9 | 500.7 | 534.3 | 590.3 | 660.9 |
| 62.5° | 398.8 | 408.9 | 410.0 | 414.5 | 410.0 | 408.9 | 414.5 | 429.0 | 445.8 | 488.4 | 543.3 |
| 65° | 334.9 | 340.5 | 341.7 | 347.3 | 345.0 | 345.0 | 349.5 | 360.7 | 370.8 | 399.9 | 442.5 |
| 67.5° | 293.5 | 291.2 | 292.4 | 295.7 | 292.4 | 291.2 | 294.6 | 301.3 | 309.2 | 327.1 | 357.3 |
| 70° | 261.0 | 258.8 | 258.8 | 258.8 | 254.3 | 250.9 | 252.0 | 254.3 | 257.6 | 267.7 | 286.8 |
| 72.5° | 236.4 | 236.4 | 233.0 | 229.6 | 226.3 | 224.0 | 221.8 | 219.6 | 218.4 | 221.8 | 231.9 |
| 75° | 214.0 | 215.1 | 214.0 | 210.6 | 206.1 | 201.6 | 197.2 | 192.7 | 187.1 | 184.8 | 186.0 |
| 77.5° | 193.8 | 194.9 | 196.0 | 194.9 | 190.4 | 184.8 | 178.1 | 171.4 | 163.5 | 155.7 | 151.2 |
| 80° | 175.9 | 178.1 | 179.2 | 178.1 | 174.7 | 170.3 | 162.4 | 154.6 | 143.4 | 133.3 | 122.1 |
| 82.5° | 160.2 | 163.5 | 164.7 | 164.7 | 162.4 | 157.9 | 149.0 | 140.0 | 127.7 | 114.3 | 99.7 |
| 85° | 147.9 | 150.1 | 152.3 | 152.3 | 151.2 | 146.7 | 137.8 | 127.7 | 115.4 | 99.7 | 84.0 |
| 87.5° | 135.5 | 136.7 | 138.9 | 141.1 | 138.9 | 134.4 | 126.6 | 115.4 | 103.1 | 87.4 | 69.5 |
| 90° | 123.2 | 124.3 | 126.6 | 128.8 | 127.7 | 123.2 | 116.5 | 106.4 | 93.0 | 76.2 | 58.2 |
| 92.5° | 110.9 | 113.1 | 114.3 | 115.4 | 116.5 | 113.1 | 107.5 | 97.5 | 84.0 | 67.2 | 50.4 |
| 95° | 101.9 | 101.9 | 104.2 | 105.3 | 106.4 | 103.1 | 98.6 | 88.5 | 76.2 | 60.5 | 43.7 |
| 97.5° | 93.0 | 93.0 | 95.2 | 95.2 | 96.3 | 94.1 | 89.6 | 80.7 | 68.3 | 53.8 | 37.0 |
| 100° | 84.0 | 85.1 | 86.3 | 87.4 | 87.4 | 86.3 | 81.8 | 72.8 | 61.6 | 48.2 | 32.5 |
| 102.5° | 78.4 | 78.4 | 79.5 | 79.5 | 80.7 | 78.4 | 73.9 | 66.1 | 54.9 | 42.6 | 28.0 |
| 105° | 72.8 | 72.8 | 73.9 | 73.9 | 72.8 | 70.6 | 66.1 | 59.4 | 49.3 | 37.0 | 24.6 |
| 107.5° | 68.3 | 68.3 | 68.3 | 68.3 | 67.2 | 65.0 | 60.5 | 52.6 | 43.7 | 33.6 | 22.4 |
| 110° | 65.0 | 63.9 | 63.9 | 62.7 | 61.6 | 58.2 | 53.8 | 47.0 | 39.2 | 29.1 | 19.0 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-60SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 61.6 | 60.5 | 59.4 | 58.2 | 56.0 | 52.6 | 48.2 | 42.6 | 34.7 | 25.8 | 16.8 |
| 115° | 58.2 | 57.1 | 56.0 | 53.8 | 51.5 | 48.2 | 43.7 | 38.1 | 30.2 | 22.4 | 14.6 |
| 117.5° | 54.9 | 53.8 | 51.5 | 49.3 | 47.0 | 43.7 | 39.2 | 33.6 | 26.9 | 20.2 | 13.4 |
| 120° | 50.4 | 49.3 | 48.2 | 45.9 | 43.7 | 39.2 | 34.7 | 30.2 | 23.5 | 17.9 | 11.2 |
| 122.5° | 47.0 | 45.9 | 43.7 | 42.6 | 39.2 | 35.8 | 31.4 | 26.9 | 21.3 | 15.7 | 10.1 |
| 125° | 42.6 | 41.4 | 40.3 | 38.1 | 35.8 | 31.4 | 28.0 | 23.5 | 19.0 | 13.4 | 7.8 |
| 127.5° | 39.2 | 38.1 | 35.8 | 33.6 | 31.4 | 28.0 | 24.6 | 21.3 | 16.8 | 11.2 | 7.8 |
| 130° | 34.7 | 33.6 | 32.5 | 30.2 | 28.0 | 24.6 | 22.4 | 17.9 | 14.6 | 10.1 | 6.7 |
| 132.5° | 30.2 | 30.2 | 29.1 | 26.9 | 24.6 | 22.4 | 19.0 | 15.7 | 12.3 | 9.0 | 5.6 |
| 135° | 28.0 | 26.9 | 25.8 | 23.5 | 22.4 | 19.0 | 16.8 | 13.4 | 10.1 | 7.8 | 4.5 |
| 137.5° | 24.6 | 23.5 | 22.4 | 21.3 | 19.0 | 16.8 | 14.6 | 11.2 | 9.0 | 6.7 | 4.5 |
| 140° | 21.3 | 20.2 | 20.2 | 17.9 | 16.8 | 14.6 | 12.3 | 10.1 | 7.8 | 5.6 | 3.4 |
| 142.5° | 19.0 | 17.9 | 16.8 | 15.7 | 14.6 | 12.3 | 10.1 | 7.8 | 6.7 | 4.5 | 3.4 |
| 145° | 16.8 | 15.7 | 14.6 | 13.4 | 12.3 | 10.1 | 9.0 | 6.7 | 5.6 | 4.5 | 3.4 |
| 147.5° | 13.4 | 13.4 | 12.3 | 11.2 | 10.1 | 9.0 | 7.8 | 6.7 | 4.5 | 3.4 | 2.2 |
| 150° | 11.2 | 11.2 | 10.1 | 9.0 | 9.0 | 7.8 | 6.7 | 5.6 | 4.5 | 3.4 | 2.2 |
| 152.5° | 10.1 | 9.0 | 9.0 | 7.8 | 7.8 | 6.7 | 5.6 | 4.5 | 3.4 | 3.4 | 2.2 |
| 155° | 7.8 | 7.8 | 7.8 | 6.7 | 6.7 | 5.6 | 4.5 | 4.5 | 3.4 | 2.2 | 2.2 |
| 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-LD5-60SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 |
| 2.5° | 2172.0 | 2158.6 | 2169.8 | 2190.0 | 2187.7 | 2185.5 | 2183.2 | 2187.7 | 2202.3 | 2194.4 | 2182.1 |
| 5° | 2168.7 | 2155.2 | 2167.6 | 2186.6 | 2185.5 | 2182.1 | 2179.9 | 2184.4 | 2198.9 | 2191.1 | 2177.6 |
| 7.5° | 2162.0 | 2149.6 | 2158.6 | 2177.6 | 2177.6 | 2175.4 | 2173.2 | 2177.6 | 2191.1 | 2184.4 | 2170.9 |
| 10° | 2150.8 | 2141.8 | 2150.8 | 2168.7 | 2169.8 | 2165.3 | 2163.1 | 2168.7 | 2182.1 | 2178.8 | 2167.6 |
| 12.5° | 2141.8 | 2132.8 | 2142.9 | 2160.8 | 2162.0 | 2157.5 | 2154.1 | 2160.8 | 2178.8 | 2181.0 | 2177.6 |
| 15° | 2129.5 | 2121.6 | 2134.0 | 2153.0 | 2153.0 | 2149.6 | 2149.6 | 2158.6 | 2183.2 | 2193.3 | 2198.9 |
| 17.5° | 2111.6 | 2106.0 | 2120.5 | 2139.6 | 2140.7 | 2138.4 | 2139.6 | 2157.5 | 2190.0 | 2214.6 | 2230.3 |
| 20° | 2089.2 | 2086.9 | 2102.6 | 2122.8 | 2126.1 | 2127.2 | 2132.8 | 2159.7 | 2204.5 | 2238.1 | 2253.8 |
| 22.5° | 2062.3 | 2063.4 | 2081.3 | 2102.6 | 2107.1 | 2110.4 | 2121.6 | 2159.7 | 2215.7 | 2251.6 | 2258.3 |
| 25° | 2032.0 | 2035.4 | 2054.4 | 2080.2 | 2085.8 | 2092.5 | 2111.6 | 2160.8 | 2219.1 | 2242.6 | 2231.4 |
| 27.5° | 1999.5 | 2006.3 | 2030.9 | 2057.8 | 2064.5 | 2075.7 | 2100.4 | 2154.1 | 2203.4 | 2204.5 | 2163.1 |
| 30° | 1965.9 | 1973.8 | 2002.9 | 2034.3 | 2045.5 | 2056.7 | 2086.9 | 2138.4 | 2165.3 | 2129.5 | 2056.7 |
| 32.5° | 1927.8 | 1939.0 | 1968.2 | 2006.3 | 2019.7 | 2034.3 | 2064.5 | 2108.2 | 2098.1 | 2020.8 | 1916.6 |
| 35° | 1879.7 | 1895.4 | 1929.0 | 1973.8 | 1986.1 | 2005.1 | 2026.4 | 2036.5 | 1991.7 | 1881.9 | 1764.3 |
| 37.5° | 1820.3 | 1843.8 | 1883.0 | 1934.6 | 1948.0 | 1960.3 | 1965.9 | 1937.9 | 1848.3 | 1729.6 | 1607.5 |
| 40° | 1752.0 | 1787.8 | 1830.4 | 1887.5 | 1901.0 | 1901.0 | 1880.8 | 1821.4 | 1708.3 | 1552.6 | 1417.0 |
| 42.5° | 1669.1 | 1712.8 | 1766.5 | 1823.7 | 1837.1 | 1821.4 | 1773.3 | 1669.1 | 1540.3 | 1366.6 | 1223.2 |
| 45° | 1568.3 | 1626.5 | 1687.0 | 1746.4 | 1753.1 | 1718.4 | 1632.1 | 1499.9 | 1340.9 | 1179.6 | 1042.9 |
| 47.5° | 1448.4 | 1524.6 | 1590.7 | 1657.9 | 1648.9 | 1590.7 | 1475.3 | 1325.2 | 1157.2 | 1004.8 | 895.0 |
| 50° | 1314.0 | 1403.6 | 1477.5 | 1541.4 | 1522.3 | 1441.7 | 1306.1 | 1149.3 | 982.4 | 852.5 | 761.7 |
| 52.5° | 1170.6 | 1273.7 | 1347.6 | 1399.1 | 1373.4 | 1277.0 | 1128.0 | 977.9 | 841.3 | 722.5 | 662.0 |
| 55° | 1021.6 | 1125.8 | 1202.0 | 1242.3 | 1208.7 | 1104.5 | 957.8 | 821.1 | 692.3 | 615.0 | 579.1 |
| 57.5° | 877.1 | 974.6 | 1046.3 | 1078.7 | 1036.2 | 932.0 | 796.5 | 681.1 | 588.1 | 523.1 | 505.2 |
| 60° | 738.2 | 817.7 | 886.1 | 910.7 | 864.8 | 768.4 | 651.9 | 560.1 | 491.8 | 447.0 | 438.0 |
| 62.5° | 609.4 | 674.4 | 728.1 | 747.2 | 702.4 | 627.3 | 526.5 | 458.2 | 410.0 | 387.6 | 376.4 |
| 65° | 503.0 | 541.1 | 595.9 | 592.6 | 565.7 | 496.2 | 422.3 | 374.1 | 342.8 | 328.2 | 321.5 |
| 67.5° | 395.4 | 430.2 | 464.9 | 469.4 | 435.8 | 387.6 | 339.4 | 304.7 | 287.9 | 280.0 | 276.7 |
| 70° | 305.8 | 331.6 | 352.9 | 347.3 | 329.3 | 299.1 | 268.8 | 249.8 | 243.1 | 239.7 | 239.7 |
| 72.5° | 237.5 | 250.9 | 261.0 | 254.3 | 243.1 | 227.4 | 212.8 | 205.0 | 206.1 | 208.4 | 210.6 |
| 75° | 183.7 | 187.1 | 189.3 | 182.6 | 180.4 | 170.3 | 169.1 | 170.3 | 177.0 | 183.7 | 187.1 |
| 77.5° | 141.1 | 136.7 | 133.3 | 126.6 | 127.7 | 126.6 | 132.2 | 141.1 | 151.2 | 161.3 | 170.3 |
| 80° | 108.7 | 98.6 | 90.7 | 84.0 | 87.4 | 93.0 | 104.2 | 117.6 | 131.1 | 142.3 | 153.5 |
| 82.5° | 84.0 | 69.5 | 58.2 | 51.5 | 58.2 | 67.2 | 81.8 | 98.6 | 114.3 | 126.6 | 138.9 |
| 85° | 65.0 | 48.2 | 34.7 | 28.0 | 34.7 | 48.2 | 63.9 | 82.9 | 99.7 | 113.1 | 125.5 |
| 87.5° | 50.4 | 34.7 | 19.0 | 11.2 | 19.0 | 33.6 | 51.5 | 69.5 | 86.3 | 101.9 | 114.3 |
| 90° | 40.3 | 23.5 | 9.0 | 2.2 | 10.1 | 23.5 | 40.3 | 58.2 | 75.1 | 91.9 | 104.2 |
| 92.5° | 32.5 | 16.8 | 4.5 | 0.0 | 5.6 | 17.9 | 33.6 | 50.4 | 67.2 | 82.9 | 95.2 |
| 95° | 26.9 | 13.4 | 3.4 | 0.0 | 4.5 | 13.4 | 26.9 | 43.7 | 59.4 | 75.1 | 85.1 |
| 97.5° | 22.4 | 10.1 | 2.2 | 0.0 | 2.2 | 11.2 | 22.4 | 37.0 | 52.6 | 67.2 | 77.3 |
| 100° | 19.0 | 9.0 | 2.2 | 0.0 | 2.2 | 9.0 | 19.0 | 32.5 | 45.9 | 59.4 | 69.5 |
| 102.5° | 15.7 | 6.7 | 1.1 | 1.1 | 1.1 | 6.7 | 16.8 | 28.0 | 40.3 | 52.6 | 62.7 |
| 105° | 14.6 | 5.6 | 1.1 | 1.1 | 1.1 | 5.6 | 14.6 | 24.6 | 35.8 | 47.0 | 56.0 |
| 107.5° | 12.3 | 4.5 | 1.1 | 1.1 | 1.1 | 4.5 | 12.3 | 21.3 | 32.5 | 42.6 | 50.4 |
| 110° | 10.1 | 4.5 | 1.1 | 1.1 | 1.1 | 4.5 | 10.1 | 19.0 | 28.0 | 37.0 | 44.8 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-60SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 9.0 | 3.4 | 1.1 | 1.1 | 1.1 | 3.4 | 9.0 | 16.8 | 24.6 | 33.6 | 40.3 |
| 115° | 7.8 | 3.4 | 1.1 | 1.1 | 1.1 | 3.4 | 7.8 | 14.6 | 21.3 | 29.1 | 35.8 |
| 117.5° | 6.7 | 3.4 | 1.1 | 1.1 | 1.1 | 2.2 | 6.7 | 12.3 | 19.0 | 25.8 | 32.5 |
| 120° | 5.6 | 2.2 | 1.1 | 1.1 | 1.1 | 2.2 | 5.6 | 11.2 | 16.8 | 22.4 | 28.0 |
| 122.5° | 5.6 | 2.2 | 1.1 | 1.1 | 1.1 | 2.2 | 4.5 | 9.0 | 14.6 | 19.0 | 24.6 |
| 125° | 4.5 | 2.2 | 1.1 | 1.1 | 1.1 | 1.1 | 4.5 | 7.8 | 12.3 | 16.8 | 21.3 |
| 127.5° | 4.5 | 2.2 | 1.1 | 1.1 | 1.1 | 1.1 | 3.4 | 6.7 | 10.1 | 14.6 | 19.0 |
| 130° | 3.4 | 2.2 | 1.1 | 1.1 | 1.1 | 1.1 | 2.2 | 5.6 | 9.0 | 12.3 | 15.7 |
| 132.5° | 3.4 | 2.2 | 1.1 | 1.1 | 1.1 | 1.1 | 2.2 | 4.5 | 6.7 | 10.1 | 13.4 |
| 135° | 3.4 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 3.4 | 5.6 | 7.8 | 10.1 |
| 137.5° | 2.2 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 2.2 | 4.5 | 5.6 | 9.0 |
| 140° | 2.2 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 2.2 | 3.4 | 4.5 | 6.7 |
| 142.5° | 2.2 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 2.2 | 3.4 | 5.6 |
| 145° | 2.2 | 1.1 | 1.1 | 2.2 | 2.2 | 1.1 | 1.1 | 2.2 | 2.2 | 3.4 | 4.5 |
| 147.5° | 2.2 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 2.2 | 2.2 | 3.4 |
| 150° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 3.4 |
| 152.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 155° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 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-LD5-60SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 |
| 2.5° | 2179.9 | 2154.1 | 2167.6 | 2163.1 | 2167.6 | 2178.8 | 2177.6 | 2174.3 | 2176.5 | 2170.9 | 2165.3 |
| 5° | 2175.4 | 2149.6 | 2163.1 | 2157.5 | 2163.1 | 2174.3 | 2172.0 | 2168.7 | 2172.0 | 2165.3 | 2159.7 |
| 7.5° | 2169.8 | 2146.3 | 2162.0 | 2160.8 | 2170.9 | 2185.5 | 2186.6 | 2186.6 | 2194.4 | 2184.4 | 2179.9 |
| 10° | 2169.8 | 2157.5 | 2178.8 | 2186.6 | 2212.4 | 2231.4 | 2233.7 | 2238.1 | 2251.6 | 2249.3 | 2238.1 |
| 12.5° | 2193.3 | 2191.1 | 2222.5 | 2241.5 | 2265.0 | 2291.9 | 2306.5 | 2310.9 | 2319.9 | 2313.2 | 2308.7 |
| 15° | 2223.6 | 2234.8 | 2269.5 | 2290.8 | 2316.5 | 2336.7 | 2340.1 | 2342.3 | 2349.0 | 2339.0 | 2331.1 |
| 17.5° | 2263.9 | 2270.6 | 2298.6 | 2307.6 | 2324.4 | 2327.8 | 2323.3 | 2312.1 | 2312.1 | 2289.7 | 2282.9 |
| 20° | 2282.9 | 2279.6 | 2290.8 | 2276.2 | 2269.5 | 2249.3 | 2230.3 | 2209.0 | 2207.9 | 2184.4 | 2182.1 |
| 22.5° | 2266.1 | 2243.7 | 2220.2 | 2184.4 | 2168.7 | 2139.6 | 2113.8 | 2101.5 | 2093.6 | 2063.4 | 2055.5 |
| 25° | 2206.8 | 2151.9 | 2117.2 | 2074.6 | 2036.5 | 2002.9 | 1978.3 | 1952.5 | 1927.8 | 1903.2 | 1892.0 |
| 27.5° | 2103.7 | 2052.2 | 1996.2 | 1936.8 | 1884.2 | 1832.6 | 1791.2 | 1765.4 | 1741.9 | 1709.4 | 1692.6 |
| 30° | 1977.1 | 1905.4 | 1843.8 | 1786.7 | 1700.4 | 1637.7 | 1603.0 | 1551.5 | 1533.5 | 1519.0 | 1487.6 |
| 32.5° | 1828.1 | 1741.9 | 1657.9 | 1580.6 | 1492.1 | 1433.8 | 1387.9 | 1349.8 | 1338.6 | 1300.5 | 1291.6 |
| 35° | 1663.5 | 1550.3 | 1455.1 | 1379.0 | 1315.1 | 1244.5 | 1206.4 | 1180.7 | 1158.3 | 1132.5 | 1128.0 |
| 37.5° | 1469.7 | 1367.7 | 1260.2 | 1193.0 | 1142.6 | 1082.1 | 1053.0 | 1035.1 | 1025.0 | 1005.9 | 1002.6 |
| 40° | 1274.8 | 1172.8 | 1098.9 | 1031.7 | 1000.3 | 967.8 | 946.6 | 938.7 | 934.2 | 927.5 | 920.8 |
| 42.5° | 1097.8 | 1008.2 | 955.5 | 910.7 | 897.3 | 881.6 | 876.0 | 880.5 | 876.0 | 873.7 | 872.6 |
| 45° | 947.7 | 879.3 | 842.4 | 828.9 | 825.6 | 821.1 | 825.6 | 833.4 | 834.5 | 832.3 | 832.3 |
| 47.5° | 811.0 | 778.5 | 762.8 | 765.1 | 770.7 | 774.0 | 781.9 | 792.0 | 794.2 | 788.6 | 790.9 |
| 50° | 721.4 | 702.4 | 699.0 | 708.0 | 720.3 | 724.8 | 733.7 | 741.6 | 740.4 | 738.2 | 736.0 |
| 52.5° | 637.4 | 631.8 | 640.7 | 649.7 | 663.2 | 665.4 | 668.8 | 672.1 | 671.0 | 666.5 | 664.3 |
| 55° | 566.8 | 571.3 | 579.1 | 582.5 | 592.6 | 591.5 | 592.6 | 592.6 | 588.1 | 585.9 | 582.5 |
| 57.5° | 503.0 | 504.1 | 508.6 | 509.7 | 515.3 | 513.0 | 511.9 | 509.7 | 503.0 | 501.8 | 498.5 |
| 60° | 438.0 | 435.8 | 445.8 | 438.0 | 442.5 | 438.0 | 436.9 | 431.3 | 424.6 | 423.4 | 421.2 |
| 62.5° | 376.4 | 371.9 | 378.6 | 375.3 | 377.5 | 373.0 | 370.8 | 364.1 | 358.5 | 357.3 | 356.2 |
| 65° | 321.5 | 319.3 | 326.0 | 324.9 | 327.1 | 321.5 | 319.3 | 314.8 | 310.3 | 309.2 | 308.1 |
| 67.5° | 275.6 | 281.2 | 284.5 | 284.5 | 286.8 | 285.6 | 280.0 | 278.9 | 277.8 | 273.3 | 273.3 |
| 70° | 242.0 | 245.3 | 252.0 | 253.2 | 252.0 | 254.3 | 249.8 | 248.7 | 247.6 | 245.3 | 244.2 |
| 72.5° | 215.1 | 219.6 | 226.3 | 227.4 | 226.3 | 226.3 | 224.0 | 222.9 | 222.9 | 219.6 | 219.6 |
| 75° | 193.8 | 199.4 | 205.0 | 205.0 | 205.0 | 202.8 | 200.5 | 200.5 | 198.3 | 197.2 | 194.9 |
| 77.5° | 175.9 | 182.6 | 187.1 | 186.0 | 184.8 | 182.6 | 182.6 | 179.2 | 175.9 | 175.9 | 173.6 |
| 80° | 162.4 | 166.9 | 170.3 | 169.1 | 168.0 | 164.7 | 163.5 | 160.2 | 157.9 | 154.6 | 154.6 |
| 82.5° | 147.9 | 153.5 | 155.7 | 154.6 | 152.3 | 149.0 | 147.9 | 145.6 | 143.4 | 142.3 | 140.0 |
| 85° | 135.5 | 141.1 | 142.3 | 140.0 | 137.8 | 135.5 | 134.4 | 133.3 | 132.2 | 129.9 | 129.9 |
| 87.5° | 123.2 | 128.8 | 128.8 | 127.7 | 125.5 | 124.3 | 123.2 | 122.1 | 121.0 | 119.9 | 118.7 |
| 90° | 113.1 | 117.6 | 117.6 | 116.5 | 115.4 | 114.3 | 113.1 | 112.0 | 110.9 | 109.8 | 109.8 |
| 92.5° | 103.1 | 107.5 | 107.5 | 106.4 | 105.3 | 104.2 | 104.2 | 103.1 | 101.9 | 100.8 | 99.7 |
| 95° | 94.1 | 98.6 | 98.6 | 98.6 | 97.5 | 96.3 | 96.3 | 95.2 | 94.1 | 94.1 | 93.0 |
| 97.5° | 85.1 | 89.6 | 89.6 | 89.6 | 88.5 | 87.4 | 87.4 | 86.3 | 86.3 | 86.3 | 85.1 |
| 100° | 77.3 | 80.7 | 81.8 | 81.8 | 80.7 | 80.7 | 80.7 | 79.5 | 79.5 | 79.5 | 78.4 |
| 102.5° | 69.5 | 72.8 | 75.1 | 75.1 | 75.1 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 72.8 |
| 105° | 62.7 | 66.1 | 68.3 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| 107.5° | 57.1 | 60.5 | 62.7 | 63.9 | 65.0 | 65.0 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| 110° | 51.5 | 54.9 | 58.2 | 59.4 | 60.5 | 61.6 | 61.6 | 62.7 | 61.6 | 61.6 | 61.6 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-60SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 45.9 | 50.4 | 52.6 | 54.9 | 56.0 | 57.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| 115° | 41.4 | 45.9 | 48.2 | 50.4 | 52.6 | 53.8 | 53.8 | 54.9 | 54.9 | 54.9 | 53.8 |
| 117.5° | 37.0 | 41.4 | 43.7 | 45.9 | 47.0 | 49.3 | 50.4 | 50.4 | 50.4 | 50.4 | 49.3 |
| 120° | 33.6 | 37.0 | 39.2 | 41.4 | 43.7 | 44.8 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| 122.5° | 29.1 | 32.5 | 35.8 | 38.1 | 39.2 | 40.3 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 |
| 125° | 25.8 | 29.1 | 31.4 | 33.6 | 34.7 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 |
| 127.5° | 22.4 | 25.8 | 28.0 | 30.2 | 31.4 | 32.5 | 33.6 | 33.6 | 33.6 | 33.6 | 33.6 |
| 130° | 19.0 | 22.4 | 24.6 | 26.9 | 28.0 | 29.1 | 29.1 | 30.2 | 30.2 | 30.2 | 30.2 |
| 132.5° | 16.8 | 19.0 | 21.3 | 23.5 | 24.6 | 25.8 | 25.8 | 26.9 | 26.9 | 26.9 | 26.9 |
| 135° | 13.4 | 16.8 | 17.9 | 20.2 | 21.3 | 22.4 | 22.4 | 23.5 | 23.5 | 23.5 | 23.5 |
| 137.5° | 11.2 | 13.4 | 15.7 | 17.9 | 19.0 | 19.0 | 20.2 | 20.2 | 21.3 | 21.3 | 21.3 |
| 140° | 9.0 | 10.1 | 13.4 | 14.6 | 15.7 | 16.8 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 |
| 142.5° | 6.7 | 9.0 | 10.1 | 12.3 | 13.4 | 14.6 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 |
| 145° | 5.6 | 6.7 | 7.8 | 10.1 | 11.2 | 12.3 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 |
| 147.5° | 4.5 | 5.6 | 6.7 | 7.8 | 9.0 | 10.1 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 |
| 150° | 3.4 | 4.5 | 5.6 | 5.6 | 6.7 | 7.8 | 9.0 | 10.1 | 10.1 | 10.1 | 10.1 |
| 152.5° | 3.4 | 3.4 | 4.5 | 4.5 | 5.6 | 6.7 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 |
| 155° | 2.2 | 3.4 | 3.4 | 3.4 | 4.5 | 4.5 | 5.6 | 6.7 | 6.7 | 6.7 | 6.7 |
| 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-LD5-60SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 |
| 2.5° | 2168.7 | 2173.2 | 2170.9 | 2167.6 | 2166.4 | 2172.0 | 2166.4 | 2140.7 | 2150.8 | 2151.9 | 2159.7 |
| 5° | 2165.3 | 2168.7 | 2166.4 | 2164.2 | 2160.8 | 2167.6 | 2160.8 | 2134.0 | 2144.0 | 2145.2 | 2153.0 |
| 7.5° | 2187.7 | 2188.8 | 2188.8 | 2183.2 | 2174.3 | 2177.6 | 2168.7 | 2138.4 | 2144.0 | 2144.0 | 2149.6 |
| 10° | 2243.7 | 2246.0 | 2249.3 | 2234.8 | 2223.6 | 2214.6 | 2202.3 | 2165.3 | 2164.2 | 2155.2 | 2155.2 |
| 12.5° | 2316.5 | 2310.9 | 2305.3 | 2298.6 | 2289.7 | 2278.5 | 2260.5 | 2216.9 | 2202.3 | 2187.7 | 2173.2 |
| 15° | 2337.8 | 2335.6 | 2334.5 | 2331.1 | 2325.5 | 2322.1 | 2308.7 | 2265.0 | 2243.7 | 2225.8 | 2200.0 |
| 17.5° | 2281.8 | 2286.3 | 2300.9 | 2302.0 | 2308.7 | 2322.1 | 2319.9 | 2289.7 | 2270.6 | 2262.8 | 2231.4 |
| 20° | 2181.0 | 2182.1 | 2200.0 | 2207.9 | 2237.0 | 2259.4 | 2276.2 | 2272.9 | 2268.4 | 2277.3 | 2253.8 |
| 22.5° | 2060.0 | 2067.9 | 2086.9 | 2099.2 | 2127.2 | 2153.0 | 2179.9 | 2194.4 | 2218.0 | 2254.9 | 2250.5 |
| 25° | 1895.4 | 1905.4 | 1932.3 | 1952.5 | 1991.7 | 2030.9 | 2066.7 | 2092.5 | 2120.5 | 2191.1 | 2214.6 |
| 27.5° | 1698.2 | 1713.9 | 1748.6 | 1768.8 | 1823.7 | 1864.0 | 1915.5 | 1965.9 | 2005.1 | 2085.8 | 2134.0 |
| 30° | 1491.0 | 1504.4 | 1541.4 | 1569.4 | 1616.4 | 1671.3 | 1736.3 | 1808.0 | 1873.0 | 1954.7 | 2015.2 |
| 32.5° | 1297.2 | 1311.7 | 1342.0 | 1366.6 | 1419.3 | 1465.2 | 1536.9 | 1625.4 | 1685.9 | 1799.0 | 1879.7 |
| 35° | 1128.0 | 1141.5 | 1162.8 | 1184.0 | 1227.7 | 1274.8 | 1336.4 | 1422.6 | 1499.9 | 1617.6 | 1719.5 |
| 37.5° | 1009.3 | 1011.5 | 1023.9 | 1036.2 | 1068.7 | 1104.5 | 1152.7 | 1228.8 | 1300.5 | 1427.1 | 1539.1 |
| 40° | 924.2 | 924.2 | 930.9 | 934.2 | 948.8 | 970.1 | 1000.3 | 1059.7 | 1119.1 | 1215.4 | 1352.1 |
| 42.5° | 871.5 | 869.3 | 869.3 | 870.4 | 869.3 | 879.3 | 897.3 | 925.3 | 977.9 | 1057.5 | 1163.9 |
| 45° | 832.3 | 827.8 | 824.5 | 816.6 | 812.1 | 812.1 | 813.3 | 823.3 | 853.6 | 905.1 | 991.4 |
| 47.5° | 788.6 | 787.5 | 781.9 | 772.9 | 765.1 | 759.5 | 750.5 | 747.2 | 756.1 | 785.3 | 843.5 |
| 50° | 738.2 | 732.6 | 727.0 | 720.3 | 711.3 | 705.7 | 688.9 | 690.0 | 682.2 | 695.6 | 725.9 |
| 52.5° | 664.3 | 659.8 | 657.6 | 651.9 | 648.6 | 646.3 | 632.9 | 619.5 | 616.1 | 618.3 | 629.5 |
| 55° | 582.5 | 584.7 | 575.8 | 580.3 | 579.1 | 569.1 | 563.5 | 553.4 | 550.0 | 548.9 | 554.5 |
| 57.5° | 497.4 | 499.6 | 494.0 | 498.5 | 498.5 | 492.9 | 489.5 | 489.5 | 481.7 | 475.0 | 482.8 |
| 60° | 420.1 | 415.6 | 419.0 | 424.6 | 424.6 | 421.2 | 419.0 | 419.0 | 413.3 | 411.1 | 416.7 |
| 62.5° | 357.3 | 352.9 | 356.2 | 361.8 | 362.9 | 360.7 | 358.5 | 358.5 | 351.7 | 351.7 | 356.2 |
| 65° | 309.2 | 310.3 | 309.2 | 313.7 | 313.7 | 314.8 | 312.5 | 310.3 | 302.5 | 305.8 | 304.7 |
| 67.5° | 274.4 | 273.3 | 273.3 | 277.8 | 276.7 | 278.9 | 276.7 | 273.3 | 267.7 | 263.2 | 262.1 |
| 70° | 245.3 | 244.2 | 244.2 | 246.4 | 247.6 | 247.6 | 246.4 | 244.2 | 236.4 | 231.9 | 228.5 |
| 72.5° | 219.6 | 218.4 | 219.6 | 220.7 | 221.8 | 222.9 | 221.8 | 219.6 | 212.8 | 207.2 | 201.6 |
| 75° | 196.0 | 194.9 | 198.3 | 198.3 | 199.4 | 199.4 | 200.5 | 199.4 | 193.8 | 187.1 | 180.4 |
| 77.5° | 172.5 | 173.6 | 177.0 | 178.1 | 180.4 | 181.5 | 182.6 | 182.6 | 177.0 | 171.4 | 162.4 |
| 80° | 153.5 | 155.7 | 157.9 | 159.1 | 161.3 | 164.7 | 165.8 | 166.9 | 162.4 | 156.8 | 146.7 |
| 82.5° | 140.0 | 141.1 | 143.4 | 144.5 | 147.9 | 149.0 | 150.1 | 152.3 | 150.1 | 144.5 | 133.3 |
| 85° | 128.8 | 129.9 | 132.2 | 132.2 | 134.4 | 136.7 | 137.8 | 138.9 | 137.8 | 132.2 | 121.0 |
| 87.5° | 118.7 | 119.9 | 121.0 | 122.1 | 123.2 | 124.3 | 125.5 | 126.6 | 125.5 | 119.9 | 109.8 |
| 90° | 109.8 | 109.8 | 110.9 | 110.9 | 112.0 | 113.1 | 115.4 | 115.4 | 114.3 | 109.8 | 99.7 |
| 92.5° | 99.7 | 100.8 | 100.8 | 101.9 | 103.1 | 104.2 | 105.3 | 105.3 | 104.2 | 99.7 | 90.7 |
| 95° | 93.0 | 93.0 | 94.1 | 94.1 | 95.2 | 95.2 | 96.3 | 96.3 | 95.2 | 90.7 | 81.8 |
| 97.5° | 85.1 | 85.1 | 85.1 | 85.1 | 86.3 | 86.3 | 87.4 | 87.4 | 86.3 | 81.8 | 73.9 |
| 100° | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 79.5 | 79.5 | 79.5 | 78.4 | 73.9 | 66.1 |
| 102.5° | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 70.6 | 67.2 | 59.4 |
| 105° | 69.5 | 69.5 | 69.5 | 68.3 | 68.3 | 68.3 | 67.2 | 67.2 | 63.9 | 60.5 | 53.8 |
| 107.5° | 65.0 | 65.0 | 65.0 | 63.9 | 63.9 | 62.7 | 61.6 | 61.6 | 58.2 | 54.9 | 48.2 |
| 110° | 61.6 | 61.6 | 61.6 | 60.5 | 59.4 | 58.2 | 57.1 | 56.0 | 52.6 | 48.2 | 42.6 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-60SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 58.2 | 58.2 | 57.1 | 57.1 | 56.0 | 54.9 | 52.6 | 51.5 | 48.2 | 43.7 | 38.1 |
| 115° | 53.8 | 53.8 | 53.8 | 52.6 | 51.5 | 50.4 | 49.3 | 47.0 | 43.7 | 39.2 | 33.6 |
| 117.5° | 49.3 | 49.3 | 49.3 | 48.2 | 47.0 | 45.9 | 44.8 | 42.6 | 39.2 | 34.7 | 30.2 |
| 120° | 44.8 | 44.8 | 44.8 | 43.7 | 42.6 | 41.4 | 40.3 | 38.1 | 34.7 | 31.4 | 25.8 |
| 122.5° | 41.4 | 41.4 | 40.3 | 39.2 | 38.1 | 37.0 | 35.8 | 33.6 | 31.4 | 26.9 | 22.4 |
| 125° | 37.0 | 37.0 | 35.8 | 35.8 | 34.7 | 33.6 | 32.5 | 30.2 | 26.9 | 23.5 | 20.2 |
| 127.5° | 33.6 | 32.5 | 32.5 | 32.5 | 31.4 | 30.2 | 28.0 | 26.9 | 23.5 | 20.2 | 16.8 |
| 130° | 29.1 | 29.1 | 29.1 | 28.0 | 28.0 | 26.9 | 24.6 | 22.4 | 20.2 | 17.9 | 14.6 |
| 132.5° | 25.8 | 25.8 | 25.8 | 25.8 | 24.6 | 23.5 | 21.3 | 20.2 | 17.9 | 14.6 | 12.3 |
| 135° | 23.5 | 23.5 | 22.4 | 22.4 | 21.3 | 20.2 | 19.0 | 16.8 | 14.6 | 12.3 | 10.1 |
| 137.5° | 20.2 | 20.2 | 20.2 | 19.0 | 19.0 | 17.9 | 15.7 | 14.6 | 13.4 | 11.2 | 9.0 |
| 140° | 17.9 | 17.9 | 16.8 | 16.8 | 15.7 | 15.7 | 14.6 | 12.3 | 11.2 | 9.0 | 7.8 |
| 142.5° | 15.7 | 15.7 | 14.6 | 14.6 | 13.4 | 13.4 | 12.3 | 11.2 | 9.0 | 7.8 | 5.6 |
| 145° | 13.4 | 13.4 | 12.3 | 12.3 | 12.3 | 11.2 | 10.1 | 9.0 | 7.8 | 6.7 | 5.6 |
| 147.5° | 11.2 | 11.2 | 11.2 | 10.1 | 10.1 | 9.0 | 9.0 | 7.8 | 6.7 | 5.6 | 4.5 |
| 150° | 10.1 | 10.1 | 9.0 | 9.0 | 9.0 | 7.8 | 6.7 | 6.7 | 5.6 | 4.5 | 3.4 |
| 152.5° | 7.8 | 7.8 | 7.8 | 7.8 | 6.7 | 6.7 | 5.6 | 5.6 | 4.5 | 3.4 | 3.4 |
| 155° | 6.7 | 6.7 | 6.7 | 5.6 | 5.6 | 5.6 | 4.5 | 4.5 | 3.4 | 3.4 | 2.2 |
| 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-LD5-60SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 | 2168.7 |
| 2.5° | 2156.4 | 2155.2 | 2165.3 | 2164.2 | 2150.8 | 2170.9 | 2184.4 |
| 5° | 2150.8 | 2149.6 | 2158.6 | 2160.8 | 2146.3 | 2167.6 | 2182.1 |
| 7.5° | 2146.3 | 2145.2 | 2155.2 | 2158.6 | 2144.0 | 2163.1 | 2178.8 |
| 10° | 2147.4 | 2141.8 | 2150.8 | 2153.0 | 2139.6 | 2159.7 | 2173.2 |
| 12.5° | 2155.2 | 2141.8 | 2145.2 | 2145.2 | 2132.8 | 2150.8 | 2165.3 |
| 15° | 2174.3 | 2146.3 | 2141.8 | 2138.4 | 2122.8 | 2139.6 | 2154.1 |
| 17.5° | 2195.6 | 2157.5 | 2141.8 | 2130.6 | 2111.6 | 2126.1 | 2141.8 |
| 20° | 2216.9 | 2169.8 | 2144.0 | 2126.1 | 2100.4 | 2113.8 | 2125.0 |
| 22.5° | 2226.9 | 2181.0 | 2146.3 | 2119.4 | 2086.9 | 2093.6 | 2106.0 |
| 25° | 2213.5 | 2176.5 | 2141.8 | 2109.3 | 2070.1 | 2071.2 | 2081.3 |
| 27.5° | 2164.2 | 2154.1 | 2131.7 | 2099.2 | 2056.7 | 2051.1 | 2058.9 |
| 30° | 2080.2 | 2108.2 | 2109.3 | 2085.8 | 2041.0 | 2029.8 | 2033.1 |
| 32.5° | 1962.6 | 2025.3 | 2062.3 | 2057.8 | 2018.6 | 2002.9 | 2005.1 |
| 35° | 1827.0 | 1905.4 | 1986.1 | 2013.0 | 1985.0 | 1972.7 | 1968.2 |
| 37.5° | 1664.6 | 1769.9 | 1877.4 | 1943.5 | 1939.0 | 1931.2 | 1926.7 |
| 40° | 1485.4 | 1612.0 | 1739.7 | 1844.9 | 1877.4 | 1877.4 | 1879.7 |
| 42.5° | 1293.8 | 1441.7 | 1581.7 | 1715.0 | 1791.2 | 1808.0 | 1814.7 |
| 45° | 1109.0 | 1258.0 | 1410.3 | 1563.8 | 1665.7 | 1718.4 | 1737.4 |
| 47.5° | 941.0 | 1091.1 | 1235.6 | 1403.6 | 1539.1 | 1607.5 | 1637.7 |
| 50° | 797.6 | 909.6 | 1061.9 | 1228.8 | 1376.7 | 1460.7 | 1520.1 |
| 52.5° | 678.8 | 766.2 | 899.5 | 1055.2 | 1204.2 | 1319.6 | 1374.5 |
| 55° | 579.1 | 638.5 | 751.6 | 886.1 | 1028.3 | 1148.2 | 1212.0 |
| 57.5° | 495.1 | 542.2 | 619.5 | 731.5 | 851.3 | 970.1 | 1038.4 |
| 60° | 421.2 | 453.7 | 506.3 | 594.8 | 696.8 | 798.7 | 864.8 |
| 62.5° | 357.3 | 378.6 | 413.3 | 478.3 | 557.9 | 637.4 | 699.0 |
| 65° | 308.1 | 317.0 | 336.1 | 376.4 | 436.9 | 497.4 | 550.0 |
| 67.5° | 259.9 | 265.5 | 280.0 | 304.7 | 334.9 | 378.6 | 413.3 |
| 70° | 224.0 | 224.0 | 225.2 | 239.7 | 255.4 | 283.4 | 308.1 |
| 72.5° | 194.9 | 191.6 | 184.8 | 188.2 | 191.6 | 207.2 | 222.9 |
| 75° | 171.4 | 163.5 | 152.3 | 147.9 | 145.6 | 147.9 | 156.8 |
| 77.5° | 151.2 | 140.0 | 126.6 | 115.4 | 106.4 | 103.1 | 110.9 |
| 80° | 134.4 | 121.0 | 105.3 | 90.7 | 76.2 | 68.3 | 71.7 |
| 82.5° | 121.0 | 104.2 | 87.4 | 70.6 | 53.8 | 42.6 | 42.6 |
| 85° | 106.4 | 90.7 | 72.8 | 54.9 | 38.1 | 23.5 | 21.3 |
| 87.5° | 96.3 | 79.5 | 60.5 | 43.7 | 26.9 | 12.3 | 6.7 |
| 90° | 86.3 | 69.5 | 51.5 | 34.7 | 19.0 | 5.6 | 0.0 |
| 92.5° | 77.3 | 61.6 | 44.8 | 28.0 | 13.4 | 3.4 | 0.0 |
| 95° | 69.5 | 54.9 | 38.1 | 23.5 | 11.2 | 2.2 | 1.1 |
| 97.5° | 61.6 | 48.2 | 33.6 | 19.0 | 7.8 | 2.2 | 1.1 |
| 100° | 56.0 | 42.6 | 29.1 | 15.7 | 6.7 | 1.1 | 1.1 |
| 102.5° | 49.3 | 38.1 | 24.6 | 13.4 | 5.6 | 1.1 | 1.1 |
| 105° | 43.7 | 33.6 | 21.3 | 11.2 | 4.5 | 1.1 | 1.1 |
| 107.5° | 39.2 | 29.1 | 19.0 | 10.1 | 4.5 | 1.1 | 1.1 |
| 110° | 34.7 | 25.8 | 16.8 | 9.0 | 3.4 | 1.1 | 1.1 |



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-60SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|------|------|------|------|------|------|------|
| 112.5° | 31.4 | 22.4 | 14.6 | 7.8 | 2.2 | 1.1 | 1.1 |
| 115° | 26.9 | 20.2 | 12.3 | 6.7 | 2.2 | 1.1 | 1.1 |
| 117.5° | 23.5 | 16.8 | 11.2 | 5.6 | 2.2 | 1.1 | 1.1 |
| 120° | 20.2 | 14.6 | 9.0 | 4.5 | 1.1 | 1.1 | 1.1 |
| 122.5° | 17.9 | 12.3 | 7.8 | 4.5 | 1.1 | 1.1 | 1.1 |
| 125° | 15.7 | 11.2 | 6.7 | 3.4 | 1.1 | 1.1 | 1.1 |
| 127.5° | 13.4 | 9.0 | 5.6 | 2.2 | 1.1 | 1.1 | 1.1 |
| 130° | 11.2 | 7.8 | 4.5 | 2.2 | 1.1 | 1.1 | 1.1 |
| 132.5° | 9.0 | 6.7 | 4.5 | 2.2 | 1.1 | 1.1 | 1.1 |
| 135° | 7.8 | 5.6 | 3.4 | 2.2 | 1.1 | 1.1 | 1.1 |
| 137.5° | 6.7 | 4.5 | 2.2 | 2.2 | 2.2 | 1.1 | 1.1 |
| 140° | 5.6 | 3.4 | 2.2 | 2.2 | 2.2 | 2.2 | 1.1 |
| 142.5° | 4.5 | 3.4 | 2.2 | 2.2 | 2.2 | 2.2 | 1.1 |
| 145° | 3.4 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 1.1 |
| 147.5° | 3.4 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 1.1 |
| 150° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 152.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 155° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 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)