

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: METALUX

Report Number: P1213054

Luminaire Tested: 4SNLED-LD5-35SL-RM-UNV-L930-CD1-U

Issue Date: 3/29/2018

**Test Information**

Test Method: LM-79-2019  
Report Number: P1213054  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P33524)  
Test Lab: INNOVATIONS CENTER-P3  
Issue Date: 3/29/2018  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 4SNLED-LD5-35SL-RM-UNV-L930-CD1-U  
Description: 4FT LINEAR SNLED LED FIXTURE  
METALIC FINISH REFLECTOR  
Light Source: -  
Ballast/Driver: -

**Summary**

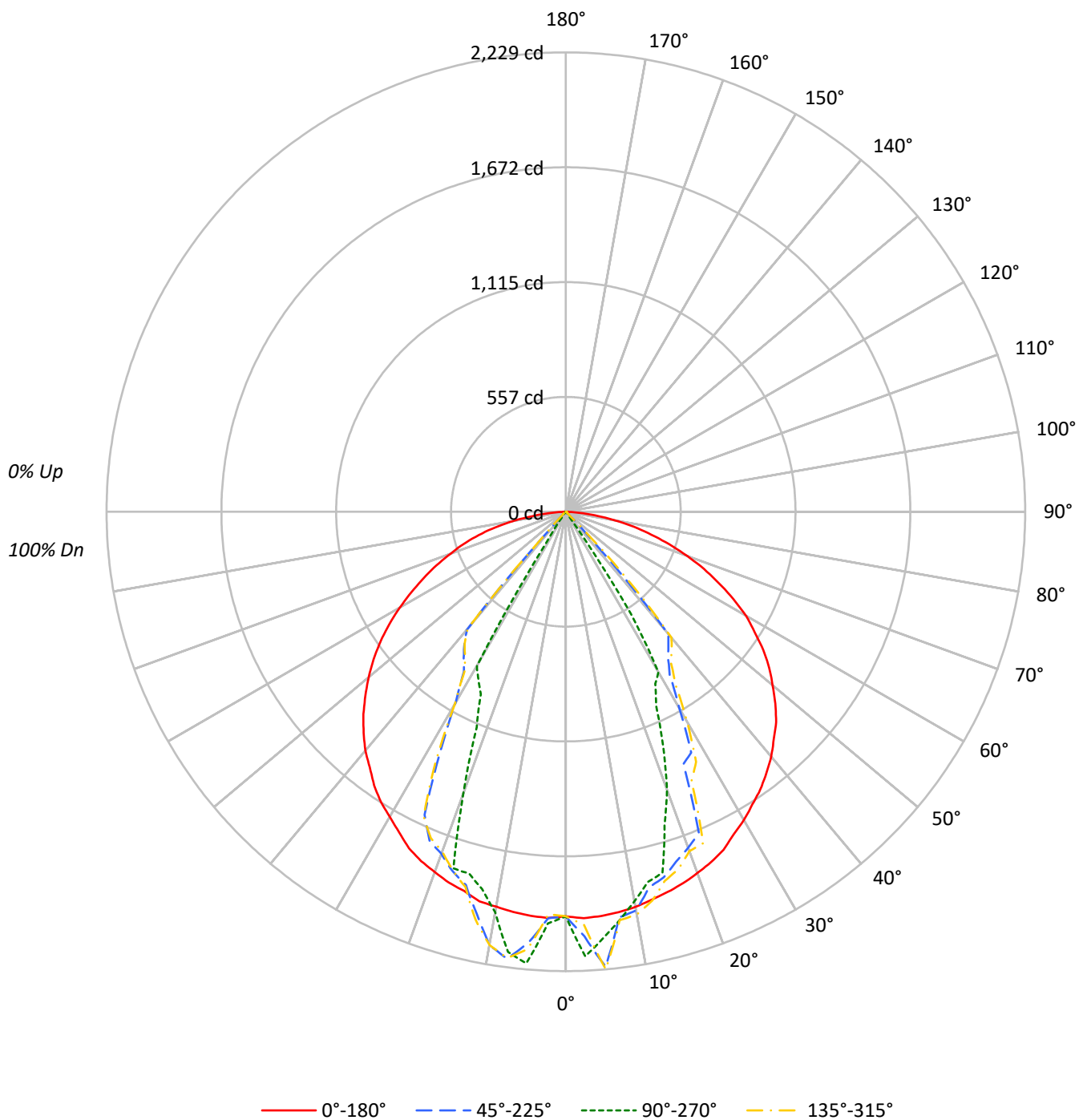
Lumens per Lamp: N/A  
Luminaire Lumens: 2791.1 lumens  
Efficiency: N/A  
Efficacy: 111.6 lumens/watt  
Spacing Criteria (0/90/45): 1.3 / 0.81 / 0.97  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.12')  
CIE Type: Direct

Input Watts (W): 25  
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: 24 FT

TEST NUMBER: P1213054

CATALOG NUMBER: 4SNLED-LD5-35SL-RM-UNV-L930-CD1-U

### Luminous Intensity Polar Plot



TEST NUMBER: P1213054

CATALOG NUMBER: 4SNLED-LD5-35SL-RM-UNV-L930-CD1-U

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

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     |     | 20  |     |     |     |     | 20  |     |     |     |    | 20 |
| RC  | 80  |     |     |     | 70  |     |     |     |     | 50  |     |     |     |     | 30  |     |     |     |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |    |    |
| 1   | 112 | 108 | 105 | 103 | 109 | 106 | 103 | 101 | 102 | 100 | 98  | 98  | 96  | 95  | 95  | 93  | 92  | 90  |    |    |
| 2   | 105 | 98  | 93  | 89  | 102 | 97  | 92  | 88  | 93  | 89  | 86  | 90  | 87  | 84  | 87  | 85  | 82  | 81  |    |    |
| 3   | 98  | 90  | 83  | 78  | 95  | 88  | 82  | 78  | 85  | 80  | 76  | 83  | 79  | 75  | 80  | 77  | 74  | 72  |    |    |
| 4   | 91  | 82  | 75  | 70  | 89  | 81  | 74  | 69  | 78  | 73  | 69  | 76  | 72  | 68  | 74  | 70  | 67  | 65  |    |    |
| 5   | 85  | 75  | 68  | 63  | 84  | 74  | 68  | 63  | 72  | 66  | 62  | 71  | 65  | 61  | 69  | 64  | 61  | 59  |    |    |
| 6   | 80  | 69  | 62  | 57  | 79  | 69  | 62  | 57  | 67  | 61  | 56  | 65  | 60  | 56  | 64  | 59  | 55  | 54  |    |    |
| 7   | 75  | 64  | 57  | 52  | 74  | 64  | 57  | 52  | 62  | 56  | 52  | 61  | 55  | 51  | 60  | 55  | 51  | 49  |    |    |
| 8   | 71  | 60  | 53  | 48  | 70  | 59  | 52  | 48  | 58  | 52  | 47  | 57  | 51  | 47  | 56  | 51  | 47  | 45  |    |    |
| 9   | 67  | 56  | 49  | 44  | 66  | 55  | 49  | 44  | 54  | 48  | 44  | 53  | 48  | 44  | 52  | 47  | 44  | 42  |    |    |
| 10  | 63  | 52  | 45  | 41  | 62  | 52  | 45  | 41  | 51  | 45  | 41  | 50  | 44  | 41  | 49  | 44  | 40  | 39  |    |    |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 15861 | 15861 | 15861 | 15861 |
| 5°  | 15926 | 16313 | 15921 | 17276 |
| 10° | 15888 | 14762 | 15879 | 15188 |
| 15° | 15845 | 13779 | 15806 | 13814 |
| 20° | 15863 | 10853 | 15818 | 10987 |
| 25° | 15910 | 7854  | 15831 | 7411  |
| 30° | 15837 | 6890  | 15669 | 6623  |
| 35° | 15883 | 152   | 15651 | 184   |
| 40° | 15938 | 33    | 15557 | 33    |
| 45° | 15995 | 20    | 15394 | 15    |
| 50° | 15872 | 16    | 15144 | 16    |
| 55° | 15778 | 11    | 14810 | 11    |
| 60° | 15481 | 12    | 14271 | 12    |
| 65° | 14673 | 19    | 13628 | 13    |
| 70° | 13612 | 21    | 12960 | 21    |
| 75° | 12040 | 23    | 12239 | 23    |
| 80° | 9780  | 27    | 10341 | 27    |
| 85° | 5752  | 32    | 5875  | 32    |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 2°

Vertical Angle: 45°

Luminance: 17270 cd/sqm

TEST NUMBER: P1213054

CATALOG NUMBER: 4SNLED-LD5-35SL-RM-UNV-L930-CD1-U

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 196.9  | 7.1       |
| 10°-20°   | 537.1  | 19.2      |
| 20°-30°   | 683.5  | 24.5      |
| 30°-40°   | 577.4  | 20.7      |
| 40°-50°   | 377.5  | 13.5      |
| 50°-60°   | 237.9  | 8.5       |
| 60°-70°   | 126.6  | 4.5       |
| 70°-80°   | 46.2   | 1.7       |
| 80°-90°   | 8.0    | 0.3       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-30°    | 1417.6 | 50.8      |
| 0°-40°    | 1995.0 | 71.5      |
| 0°-60°    | 2610.3 | 93.5      |
| 0°-90°    | 2791.1 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 2791.1 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1963 | 1963 | 1963 | 1963 | 1963 |      |
| 5°  | 1969 | 2077 | 1968 | 2200 | 1969 | 187  |
| 15° | 1910 | 1813 | 1905 | 1817 | 1910 | 540  |
| 25° | 1810 | 1035 | 1801 | 977  | 1810 | 832  |
| 35° | 1645 | 19   | 1621 | 24   | 1645 | 1029 |
| 45° | 1443 | 2    | 1389 | 2    | 1443 | 1110 |
| 55° | 1170 | 1    | 1098 | 1    | 1170 | 1042 |
| 65° | 819  | 2    | 760  | 1    | 819  | 811  |
| 75° | 431  | 2    | 438  | 2    | 431  | 457  |
| 85° | 84   | 2    | 86   | 2    | 84   | 107  |
| 90° | 0    | 0    | 0    | 0    | 0    |      |

TEST NUMBER: P1213054

CATALOG NUMBER: 4SNLED-LD5-35SL-RM-UNV-L930-CD1-U

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 2°     | 3°     | 4°     | 5°     | 6°     | 7°     | 8°     | 9°     | 10°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 |
| 2.5°  | 1974.0 | 1975.2 | 1975.8 | 1977.0 | 1978.7 | 1979.3 | 1980.5 | 1979.3 | 1979.3 | 1979.3 | 1979.3 |
| 5°    | 1968.7 | 1971.1 | 1972.9 | 1975.2 | 1979.3 | 1979.9 | 1984.6 | 1985.2 | 1987.6 | 1992.3 | 1995.8 |
| 7.5°  | 1959.9 | 1962.3 | 1965.8 | 1971.7 | 1977.6 | 1984.0 | 1992.3 | 2001.1 | 2013.5 | 2025.3 | 2040.0 |
| 10°   | 1946.9 | 1949.9 | 1954.0 | 1959.3 | 1988.2 | 1992.3 | 2010.6 | 2035.9 | 2043.0 | 2080.1 | 2107.8 |
| 12.5° | 1928.1 | 1938.1 | 1948.7 | 1953.4 | 1981.1 | 2024.7 | 2086.0 | 2073.6 | 2060.0 | 2181.4 | 2179.6 |
| 15°   | 1909.8 | 1923.4 | 1918.1 | 1956.4 | 1981.7 | 2057.7 | 2031.8 | 2087.1 | 2188.5 | 2163.7 | 2164.9 |
| 17.5° | 1890.4 | 1893.3 | 1922.8 | 1954.6 | 2000.0 | 2038.8 | 2070.6 | 2146.6 | 2166.7 | 2168.4 | 2146.6 |
| 20°   | 1865.6 | 1879.8 | 1922.8 | 1951.6 | 2028.2 | 2046.5 | 2115.4 | 2154.3 | 2146.0 | 2126.0 | 2088.9 |
| 22.5° | 1840.3 | 1883.3 | 1926.9 | 1967.6 | 2021.2 | 2070.1 | 2104.2 | 2122.5 | 2079.5 | 2000.5 | 1958.1 |
| 25°   | 1810.3 | 1835.6 | 1892.7 | 1952.2 | 2019.4 | 2047.7 | 2067.7 | 2038.2 | 1982.3 | 1911.6 | 1840.3 |
| 27.5° | 1763.7 | 1804.4 | 1877.4 | 1944.6 | 2005.3 | 2039.4 | 2007.0 | 1936.3 | 1846.2 | 1799.7 | 1767.3 |
| 30°   | 1727.8 | 1780.8 | 1840.9 | 1905.7 | 1968.7 | 1988.8 | 1906.3 | 1825.6 | 1763.7 | 1717.2 | 1710.1 |
| 32.5° | 1684.2 | 1759.6 | 1816.7 | 1878.6 | 1931.6 | 1905.1 | 1825.0 | 1720.7 | 1669.5 | 1651.8 | 1658.9 |
| 35°   | 1645.3 | 1702.5 | 1777.3 | 1838.0 | 1876.2 | 1816.7 | 1690.1 | 1625.3 | 1600.6 | 1610.6 | 1597.6 |
| 37.5° | 1598.8 | 1674.2 | 1743.1 | 1795.5 | 1782.6 | 1693.0 | 1585.8 | 1544.6 | 1547.5 | 1539.3 | 1514.5 |
| 40°   | 1550.5 | 1622.3 | 1694.2 | 1743.7 | 1698.3 | 1561.7 | 1490.4 | 1481.6 | 1483.3 | 1456.8 | 1421.5 |
| 42.5° | 1493.9 | 1559.3 | 1631.2 | 1676.0 | 1578.2 | 1471.5 | 1423.2 | 1424.4 | 1409.1 | 1372.0 | 1353.1 |
| 45°   | 1443.3 | 1503.4 | 1578.2 | 1582.3 | 1462.1 | 1373.2 | 1359.0 | 1343.7 | 1309.5 | 1297.2 | 1283.0 |
| 47.5° | 1378.5 | 1445.0 | 1506.9 | 1484.5 | 1348.4 | 1293.0 | 1282.4 | 1248.9 | 1231.8 | 1222.4 | 1210.6 |
| 50°   | 1309.5 | 1376.7 | 1433.3 | 1369.6 | 1241.2 | 1228.2 | 1193.5 | 1167.0 | 1155.2 | 1145.2 | 1134.6 |
| 52.5° | 1244.2 | 1299.5 | 1357.3 | 1247.7 | 1158.7 | 1146.4 | 1106.9 | 1091.6 | 1079.8 | 1068.6 | 1066.2 |
| 55°   | 1169.9 | 1218.8 | 1258.3 | 1131.6 | 1079.8 | 1050.9 | 1022.7 | 1012.1 | 1000.9 | 995.6  | 1004.4 |
| 57.5° | 1085.7 | 1141.1 | 1135.2 | 1017.4 | 994.4  | 952.6  | 942.0  | 934.9  | 926.6  | 930.2  | 856.5  |
| 60°   | 1009.7 | 1052.1 | 1023.2 | 933.7  | 894.8  | 866.5  | 857.1  | 852.4  | 857.1  | 785.3  | 690.4  |
| 62.5° | 916.0  | 963.7  | 905.4  | 835.9  | 794.7  | 781.1  | 772.9  | 779.4  | 710.4  | 631.5  | 608.5  |
| 65°   | 818.8  | 870.7  | 784.7  | 731.1  | 705.1  | 693.4  | 692.8  | 638.0  | 570.2  | 539.6  | 539.6  |
| 67.5° | 725.2  | 778.8  | 668.0  | 623.3  | 613.2  | 614.4  | 580.3  | 497.2  | 478.3  | 457.7  | 398.2  |
| 70°   | 625.6  | 672.7  | 552.0  | 524.9  | 519.0  | 514.9  | 431.8  | 409.4  | 387.0  | 332.2  | 327.5  |
| 72.5° | 526.6  | 549.6  | 443.6  | 437.1  | 435.9  | 362.3  | 345.8  | 307.5  | 281.6  | 275.1  | 272.2  |
| 75°   | 430.6  | 423.6  | 350.5  | 356.4  | 300.4  | 274.5  | 248.0  | 225.6  | 222.1  | 219.7  | 54.8   |
| 77.5° | 339.9  | 304.6  | 276.3  | 240.3  | 215.0  | 182.6  | 177.3  | 173.8  | 114.3  | 41.2   | 33.6   |
| 80°   | 247.4  | 197.3  | 183.8  | 156.1  | 133.1  | 127.8  | 130.8  | 40.1   | 31.8   | 26.5   | 23.0   |
| 82.5° | 157.3  | 126.1  | 103.1  | 90.1   | 87.8   | 38.3   | 28.3   | 23.0   | 20.0   | 17.1   | 14.1   |
| 85°   | 84.2   | 56.0   | 51.8   | 43.6   | 25.9   | 17.7   | 14.7   | 11.2   | 9.4    | 7.7    | 7.1    |
| 87.5° | 26.5   | 22.4   | 18.3   | 14.7   | 8.8    | 5.9    | 4.7    | 4.1    | 3.5    | 2.9    | 2.9    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1213054

CATALOG NUMBER: 4SNLED-LD5-35SL-RM-UNV-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 11°    | 12°    | 13°    | 14°    | 15°    | 16°    | 17°    | 18°    | 19°    | 20°    | 25°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 |
| 2.5°  | 1978.2 | 1979.3 | 1978.7 | 1980.5 | 1980.5 | 1982.9 | 1984.6 | 1986.4 | 1989.9 | 1991.7 | 2005.3 |
| 5°    | 2003.5 | 2006.4 | 2015.3 | 2023.5 | 2033.5 | 2036.5 | 2053.6 | 2057.7 | 2077.7 | 2080.1 | 2146.0 |
| 7.5°  | 2060.0 | 2071.2 | 2092.4 | 2113.6 | 2134.9 | 2148.4 | 2172.0 | 2186.7 | 2202.6 | 2216.7 | 2269.2 |
| 10°   | 2128.4 | 2147.2 | 2167.8 | 2189.0 | 2201.4 | 2227.3 | 2241.5 | 2243.8 | 2239.7 | 2216.7 | 2131.9 |
| 12.5° | 2195.5 | 2214.4 | 2205.5 | 2209.7 | 2224.4 | 2178.4 | 2184.9 | 2151.9 | 2174.9 | 2061.2 | 1977.0 |
| 15°   | 2186.1 | 2184.9 | 2163.1 | 2092.4 | 2104.2 | 2016.4 | 1981.1 | 1954.0 | 1975.8 | 1964.0 | 1951.1 |
| 17.5° | 2157.8 | 2104.2 | 2066.5 | 1981.7 | 1945.8 | 1921.0 | 1921.6 | 1922.2 | 1911.6 | 1922.8 | 1889.8 |
| 20°   | 2038.2 | 1978.2 | 1922.2 | 1892.1 | 1881.5 | 1863.9 | 1872.7 | 1863.9 | 1864.5 | 1868.0 | 1817.3 |
| 22.5° | 1879.2 | 1860.9 | 1828.5 | 1838.0 | 1834.4 | 1850.3 | 1838.5 | 1820.3 | 1826.2 | 1799.7 | 1761.4 |
| 25°   | 1815.0 | 1793.8 | 1792.6 | 1796.1 | 1790.8 | 1783.8 | 1773.2 | 1745.5 | 1743.7 | 1735.5 | 1717.8 |
| 27.5° | 1750.2 | 1751.4 | 1754.9 | 1744.3 | 1725.4 | 1711.3 | 1695.4 | 1681.8 | 1687.1 | 1677.7 | 1653.6 |
| 30°   | 1705.4 | 1704.8 | 1683.6 | 1674.2 | 1639.4 | 1640.0 | 1635.9 | 1627.6 | 1622.3 | 1622.9 | 1607.6 |
| 32.5° | 1641.8 | 1623.5 | 1599.4 | 1587.6 | 1584.6 | 1574.0 | 1565.8 | 1567.6 | 1571.7 | 1557.0 | 1572.9 |
| 35°   | 1576.4 | 1538.7 | 1535.2 | 1525.1 | 1515.7 | 1508.7 | 1511.6 | 1499.8 | 1499.2 | 1497.5 | 1367.9 |
| 37.5° | 1488.6 | 1470.4 | 1468.6 | 1458.0 | 1451.5 | 1449.7 | 1438.6 | 1440.3 | 1445.6 | 1455.0 | 1166.4 |
| 40°   | 1416.2 | 1399.7 | 1395.5 | 1395.0 | 1380.8 | 1379.6 | 1382.6 | 1393.8 | 1401.4 | 1342.5 | 1111.6 |
| 42.5° | 1338.4 | 1339.6 | 1326.6 | 1318.4 | 1320.1 | 1325.4 | 1339.6 | 1300.7 | 1126.9 | 1073.9 | 1016.2 |
| 45°   | 1271.8 | 1265.9 | 1258.9 | 1256.5 | 1271.8 | 1261.2 | 1105.7 | 1020.3 | 999.7  | 997.3  | 835.3  |
| 47.5° | 1202.3 | 1200.6 | 1197.6 | 1199.4 | 1112.2 | 991.4  | 956.1  | 944.9  | 948.4  | 946.1  | 717.5  |
| 50°   | 1132.2 | 1134.6 | 1134.6 | 990.8  | 909.6  | 889.5  | 892.5  | 902.5  | 840.0  | 784.1  | 668.6  |
| 52.5° | 1071.6 | 1053.3 | 902.5  | 850.6  | 832.4  | 841.2  | 820.0  | 741.7  | 685.1  | 652.1  | 618.5  |
| 55°   | 959.0  | 824.7  | 791.1  | 782.9  | 789.4  | 711.0  | 662.7  | 612.1  | 597.3  | 593.8  | 574.4  |
| 57.5° | 754.6  | 727.5  | 730.5  | 697.5  | 622.7  | 578.5  | 559.0  | 552.0  | 545.5  | 540.8  | 47.1   |
| 60°   | 667.4  | 675.1  | 618.0  | 547.3  | 517.2  | 511.3  | 506.6  | 500.1  | 499.0  | 490.7  | 30.0   |
| 62.5° | 610.9  | 537.2  | 487.8  | 470.1  | 463.0  | 461.3  | 452.4  | 449.5  | 381.7  | 52.4   | 22.4   |
| 65°   | 460.7  | 430.6  | 421.2  | 417.1  | 409.4  | 409.4  | 339.9  | 53.6   | 43.6   | 37.7   | 20.0   |
| 67.5° | 375.8  | 373.5  | 368.8  | 363.5  | 247.4  | 51.8   | 45.4   | 39.5   | 34.2   | 30.0   | 17.7   |
| 70°   | 318.1  | 316.9  | 288.7  | 53.0   | 44.2   | 38.9   | 34.2   | 30.6   | 28.3   | 25.3   | 15.9   |
| 72.5° | 261.0  | 53.0   | 44.8   | 38.9   | 33.6   | 30.6   | 27.7   | 24.7   | 22.4   | 20.6   | 13.0   |
| 75°   | 40.6   | 35.9   | 31.8   | 28.9   | 26.5   | 23.6   | 21.2   | 19.4   | 18.9   | 16.5   | 8.8    |
| 77.5° | 29.5   | 25.3   | 23.0   | 20.6   | 18.3   | 16.5   | 14.1   | 12.4   | 11.2   | 9.4    | 6.5    |
| 80°   | 20.6   | 18.3   | 16.5   | 13.5   | 11.8   | 10.0   | 8.8    | 7.7    | 7.1    | 5.9    | 2.9    |
| 82.5° | 11.8   | 10.0   | 8.8    | 7.1    | 6.5    | 5.3    | 4.7    | 4.1    | 4.1    | 2.9    | 2.9    |
| 85°   | 5.3    | 5.3    | 4.1    | 3.5    | 2.9    | 2.9    | 2.9    | 2.4    | 2.4    | 1.8    | 1.8    |
| 87.5° | 2.4    | 2.4    | 2.4    | 2.4    | 2.4    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.2    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1213054

CATALOG NUMBER: 4SNLED-LD5-35SL-RM-UNV-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 30°    | 35°    | 40°    | 45°    | 50°    | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 |
| 2.5°  | 2024.1 | 2031.8 | 2046.5 | 2061.8 | 2044.7 | 2106.0 | 2101.3 | 2121.9 | 2133.1 | 2138.4 | 2150.8 |
| 5°    | 2204.4 | 2238.5 | 2249.7 | 2216.1 | 2196.7 | 2176.7 | 2131.3 | 2097.2 | 2101.3 | 2090.1 | 2049.4 |
| 7.5°  | 2200.8 | 2127.8 | 2029.4 | 1984.6 | 1981.1 | 1975.8 | 1989.9 | 1998.2 | 1999.4 | 1998.8 | 1997.6 |
| 10°   | 2014.7 | 1977.0 | 1970.5 | 1964.6 | 1967.0 | 1945.2 | 1935.2 | 1906.9 | 1922.2 | 1913.9 | 1916.9 |
| 12.5° | 1958.1 | 1949.3 | 1914.5 | 1866.2 | 1895.1 | 1873.3 | 1860.9 | 1869.2 | 1859.7 | 1850.9 | 1848.0 |
| 15°   | 1924.5 | 1867.4 | 1848.0 | 1836.2 | 1827.9 | 1823.2 | 1827.3 | 1817.9 | 1815.0 | 1813.2 | 1817.3 |
| 17.5° | 1855.0 | 1832.1 | 1810.9 | 1779.6 | 1780.2 | 1778.5 | 1790.2 | 1807.9 | 1809.1 | 1718.4 | 1636.5 |
| 20°   | 1800.3 | 1781.4 | 1754.3 | 1734.9 | 1761.4 | 1714.2 | 1532.2 | 1445.6 | 1432.1 | 1432.1 | 1434.4 |
| 22.5° | 1756.7 | 1714.8 | 1716.6 | 1686.0 | 1438.0 | 1387.3 | 1388.5 | 1393.8 | 1369.6 | 1287.2 | 1278.3 |
| 25°   | 1697.2 | 1690.7 | 1561.7 | 1349.6 | 1351.4 | 1311.9 | 1251.2 | 1165.8 | 1073.3 | 1073.3 | 1058.0 |
| 27.5° | 1652.4 | 1515.1 | 1326.6 | 1317.8 | 1185.2 | 1101.6 | 1049.8 | 971.4  | 960.8  | 950.8  | 952.0  |
| 30°   | 1614.1 | 1281.9 | 1286.6 | 1101.6 | 1003.8 | 934.3  | 930.2  | 917.2  | 910.7  | 909.0  | 902.5  |
| 32.5° | 1276.0 | 1248.3 | 1076.9 | 937.8  | 899.5  | 888.3  | 883.0  | 868.3  | 867.7  | 856.5  | 778.8  |
| 35°   | 1196.4 | 1095.7 | 901.3  | 863.6  | 852.4  | 841.8  | 833.0  | 559.0  | 66.0   | 26.5   | 23.0   |
| 37.5° | 1105.7 | 915.4  | 833.6  | 816.5  | 805.9  | 595.6  | 59.5   | 20.6   | 14.7   | 10.6   | 9.4    |
| 40°   | 937.2  | 817.7  | 791.7  | 772.9  | 318.7  | 20.6   | 13.0   | 10.0   | 5.9    | 5.3    | 4.7    |
| 42.5° | 790.6  | 770.5  | 742.8  | 226.2  | 23.6   | 10.0   | 6.5    | 4.7    | 4.1    | 4.1    | 3.5    |
| 45°   | 739.9  | 722.2  | 299.3  | 22.4   | 14.7   | 4.7    | 4.1    | 4.1    | 3.5    | 2.4    | 2.4    |
| 47.5° | 692.8  | 609.7  | 27.1   | 14.1   | 9.4    | 4.1    | 3.5    | 2.4    | 2.4    | 2.4    | 1.8    |
| 50°   | 642.7  | 33.6   | 18.9   | 10.6   | 5.9    | 2.4    | 2.4    | 2.4    | 2.4    | 1.8    | 1.8    |
| 52.5° | 120.2  | 23.6   | 15.3   | 9.4    | 2.9    | 2.4    | 2.4    | 2.4    | 1.8    | 1.8    | 1.8    |
| 55°   | 28.3   | 18.9   | 14.1   | 8.2    | 2.4    | 2.4    | 2.4    | 1.8    | 1.8    | 1.8    | 1.2    |
| 57.5° | 21.2   | 14.1   | 11.2   | 7.7    | 2.4    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.2    |
| 60°   | 17.7   | 10.0   | 8.8    | 7.1    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.2    |
| 62.5° | 12.4   | 8.2    | 6.5    | 5.3    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    |
| 65°   | 10.0   | 6.5    | 5.3    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    |
| 67.5° | 8.8    | 5.3    | 3.5    | 1.2    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    |
| 70°   | 7.1    | 1.8    | 1.8    | 1.2    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    |
| 72.5° | 5.9    | 1.8    | 1.2    | 1.2    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    |
| 75°   | 5.9    | 2.9    | 1.2    | 1.2    | 1.8    | 1.8    | 2.4    | 2.4    | 1.8    | 1.8    | 1.8    |
| 77.5° | 4.1    | 2.9    | 1.2    | 1.2    | 1.8    | 1.8    | 2.4    | 2.4    | 1.8    | 1.8    | 1.8    |
| 80°   | 2.4    | 2.9    | 1.2    | 1.8    | 1.8    | 3.5    | 4.1    | 2.4    | 1.8    | 1.8    | 1.8    |
| 82.5° | 2.4    | 2.9    | 3.5    | 3.5    | 1.8    | 2.9    | 3.5    | 2.9    | 2.4    | 1.8    | 1.8    |
| 85°   | 2.4    | 1.8    | 2.4    | 2.9    | 1.8    | 2.9    | 2.9    | 2.4    | 2.4    | 1.8    | 1.8    |
| 87.5° | 1.2    | 1.8    | 1.8    | 2.4    | 2.4    | 2.4    | 2.9    | 2.4    | 2.4    | 2.4    | 1.8    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1213054

CATALOG NUMBER: 4SNLED-LD5-35SL-RM-UNV-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 85°    | 90°    | 95°    | 100°   | 105°   | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 |
| 2.5°  | 2156.6 | 2159.0 | 2121.9 | 2108.9 | 2120.1 | 2117.8 | 2107.8 | 2070.6 | 2066.5 | 2041.8 | 2005.8 |
| 5°    | 2061.2 | 2077.1 | 2057.7 | 2091.3 | 2075.4 | 2091.3 | 2139.6 | 2162.0 | 2198.5 | 2220.9 | 2229.1 |
| 7.5°  | 1994.7 | 1998.2 | 1998.2 | 2001.1 | 2004.1 | 2004.7 | 2001.1 | 1998.8 | 1988.8 | 1976.4 | 1998.8 |
| 10°   | 1913.9 | 1918.1 | 1925.1 | 1924.0 | 1923.4 | 1935.7 | 1938.7 | 1964.0 | 1962.8 | 1967.6 | 1984.6 |
| 12.5° | 1872.1 | 1840.3 | 1869.2 | 1861.5 | 1872.1 | 1855.6 | 1886.3 | 1881.0 | 1882.7 | 1896.9 | 1933.4 |
| 15°   | 1802.6 | 1812.6 | 1819.7 | 1819.7 | 1823.8 | 1820.3 | 1816.7 | 1840.9 | 1855.6 | 1856.2 | 1853.9 |
| 17.5° | 1668.9 | 1592.9 | 1670.7 | 1650.6 | 1810.3 | 1814.4 | 1800.8 | 1789.6 | 1789.6 | 1798.5 | 1817.3 |
| 20°   | 1432.7 | 1434.4 | 1435.0 | 1442.7 | 1452.1 | 1451.5 | 1452.1 | 1684.2 | 1794.4 | 1769.0 | 1751.9 |
| 22.5° | 1255.9 | 1234.1 | 1274.8 | 1271.8 | 1322.5 | 1378.5 | 1432.1 | 1426.8 | 1430.3 | 1594.1 | 1741.3 |
| 25°   | 1006.8 | 1035.0 | 1012.1 | 1022.1 | 1079.2 | 1145.8 | 1187.0 | 1294.8 | 1412.0 | 1403.8 | 1442.1 |
| 27.5° | 947.8  | 940.2  | 950.8  | 950.8  | 958.4  | 967.3  | 990.3  | 1050.9 | 1155.2 | 1264.8 | 1368.5 |
| 30°   | 891.9  | 898.4  | 899.5  | 910.1  | 916.0  | 921.9  | 925.5  | 948.4  | 972.0  | 1048.0 | 1175.8 |
| 32.5° | 669.8  | 587.3  | 772.9  | 823.0  | 865.4  | 875.4  | 882.5  | 891.9  | 909.0  | 920.2  | 984.4  |
| 35°   | 19.4   | 19.4   | 20.6   | 23.6   | 30.0   | 202.6  | 771.7  | 850.6  | 861.8  | 876.0  | 887.8  |
| 37.5° | 9.4    | 7.1    | 8.2    | 8.8    | 10.6   | 14.7   | 21.2   | 66.0   | 734.6  | 830.6  | 843.6  |
| 40°   | 4.1    | 4.1    | 4.1    | 4.1    | 4.7    | 5.9    | 8.8    | 14.7   | 22.4   | 590.9  | 797.0  |
| 42.5° | 3.5    | 3.5    | 3.5    | 3.5    | 3.5    | 3.5    | 4.1    | 5.3    | 10.6   | 25.3   | 418.3  |
| 45°   | 2.4    | 2.4    | 1.8    | 2.4    | 2.4    | 2.9    | 3.5    | 3.5    | 4.7    | 15.9   | 28.9   |
| 47.5° | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 2.9    | 3.5    | 10.6   | 15.3   |
| 50°   | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 8.2    | 10.6   |
| 52.5° | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 3.5    | 9.4    |
| 55°   | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.8    | 1.8    | 2.4    | 8.2    |
| 57.5° | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.8    | 1.2    | 1.2    | 1.8    | 1.8    | 7.7    |
| 60°   | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 7.1    |
| 62.5° | 1.8    | 1.8    | 1.2    | 1.8    | 1.2    | 1.2    | 1.8    | 1.8    | 1.8    | 1.8    | 4.7    |
| 65°   | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.2    | 1.8    |
| 67.5° | 1.8    | 1.8    | 1.8    | 1.8    | 1.2    | 1.8    | 1.2    | 1.8    | 1.8    | 1.2    | 1.2    |
| 70°   | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.2    | 1.2    | 1.2    | 1.2    |
| 72.5° | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.2    | 1.2    | 1.2    | 1.2    |
| 75°   | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 2.4    | 2.4    | 1.2    | 1.2    | 1.2    |
| 77.5° | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 2.9    | 3.5    | 2.9    | 2.9    | 1.2    |
| 80°   | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 2.9    | 2.9    | 2.9    | 2.9    | 4.1    |
| 82.5° | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 2.4    | 2.4    | 2.4    | 2.4    | 2.9    |
| 85°   | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 2.4    | 2.4    | 2.4    | 1.8    | 2.4    |
| 87.5° | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 2.4    | 1.8    | 1.8    | 1.8    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1213054

CATALOG NUMBER: 4SNLED-LD5-35SL-RM-UNV-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 140°   | 145°   | 150°   | 155°   | 160°   | 161°   | 162°   | 163°   | 164°   | 165°   | 166°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 |
| 2.5°  | 2008.8 | 1988.8 | 1982.3 | 1968.7 | 1967.6 | 1968.7 | 1965.8 | 1961.7 | 1964.0 | 1959.9 | 1956.4 |
| 5°    | 2233.8 | 2180.2 | 2145.5 | 2098.9 | 2034.7 | 2020.6 | 2017.0 | 1997.0 | 1989.9 | 1987.6 | 1978.2 |
| 7.5°  | 2051.8 | 2149.6 | 2208.5 | 2228.5 | 2153.1 | 2135.4 | 2114.8 | 2098.3 | 2082.4 | 2052.4 | 2034.1 |
| 10°   | 1971.1 | 1975.8 | 2032.4 | 2098.3 | 2205.5 | 2220.3 | 2231.5 | 2195.5 | 2185.5 | 2108.9 | 2092.4 |
| 12.5° | 1952.2 | 1952.8 | 1959.3 | 1999.4 | 2083.6 | 2093.0 | 2132.5 | 2153.7 | 2179.6 | 2194.4 | 2182.6 |
| 15°   | 1866.2 | 1913.9 | 1949.3 | 1952.8 | 1960.5 | 1977.0 | 1988.8 | 2062.4 | 2093.6 | 2177.3 | 2172.6 |
| 17.5° | 1826.2 | 1841.5 | 1892.7 | 1934.6 | 1927.5 | 1921.6 | 1931.0 | 1941.0 | 1971.1 | 2054.7 | 2053.6 |
| 20°   | 1759.6 | 1808.5 | 1836.2 | 1879.8 | 1919.2 | 1921.0 | 1910.4 | 1904.5 | 1892.7 | 1906.3 | 1918.7 |
| 22.5° | 1731.3 | 1739.0 | 1790.8 | 1821.5 | 1866.2 | 1882.1 | 1884.5 | 1885.1 | 1878.6 | 1871.5 | 1868.0 |
| 25°   | 1728.4 | 1704.2 | 1730.7 | 1769.0 | 1802.0 | 1819.1 | 1838.5 | 1845.0 | 1842.7 | 1842.7 | 1839.1 |
| 27.5° | 1414.4 | 1696.6 | 1682.4 | 1707.8 | 1747.8 | 1759.6 | 1769.6 | 1789.6 | 1802.0 | 1810.9 | 1815.0 |
| 30°   | 1347.2 | 1397.9 | 1644.7 | 1648.3 | 1688.9 | 1687.7 | 1698.9 | 1715.4 | 1731.3 | 1751.9 | 1757.2 |
| 32.5° | 1191.7 | 1316.0 | 1505.7 | 1588.8 | 1631.2 | 1635.3 | 1641.2 | 1645.9 | 1660.6 | 1683.6 | 1703.6 |
| 35°   | 954.9  | 1198.8 | 1290.1 | 1560.5 | 1568.2 | 1576.4 | 1579.9 | 1591.1 | 1595.8 | 1605.3 | 1622.9 |
| 37.5° | 864.2  | 990.8  | 1237.7 | 1349.6 | 1495.7 | 1502.8 | 1521.6 | 1526.3 | 1534.0 | 1541.6 | 1555.2 |
| 40°   | 811.8  | 846.5  | 1030.3 | 1205.3 | 1437.4 | 1442.1 | 1448.6 | 1460.3 | 1460.9 | 1469.8 | 1482.1 |
| 42.5° | 769.9  | 792.3  | 845.9  | 1151.1 | 1396.1 | 1395.5 | 1380.2 | 1387.9 | 1391.4 | 1400.9 | 1417.9 |
| 45°   | 615.0  | 743.4  | 777.6  | 940.2  | 1111.6 | 1191.7 | 1345.5 | 1320.1 | 1319.6 | 1323.1 | 1341.4 |
| 47.5° | 31.2   | 699.2  | 723.4  | 775.8  | 1049.8 | 1052.7 | 1072.7 | 1241.2 | 1267.1 | 1258.9 | 1260.6 |
| 50°   | 21.2   | 48.3   | 673.9  | 698.1  | 904.8  | 977.9  | 992.6  | 1000.3 | 1097.5 | 1205.9 | 1188.2 |
| 52.5° | 16.5   | 27.7   | 413.0  | 648.0  | 735.2  | 788.8  | 883.6  | 937.8  | 943.7  | 987.3  | 1135.2 |
| 55°   | 14.7   | 21.2   | 44.8   | 597.9  | 625.0  | 636.8  | 692.2  | 787.0  | 863.6  | 886.6  | 888.3  |
| 57.5° | 13.0   | 19.4   | 30.6   | 270.4  | 568.5  | 570.8  | 580.3  | 613.2  | 682.2  | 745.2  | 816.5  |
| 60°   | 11.8   | 17.1   | 24.2   | 46.5   | 516.6  | 522.5  | 524.3  | 533.1  | 541.4  | 584.4  | 666.3  |
| 62.5° | 7.1    | 13.5   | 21.2   | 33.6   | 408.8  | 469.5  | 468.9  | 474.8  | 482.5  | 487.2  | 503.7  |
| 65°   | 5.9    | 10.6   | 18.3   | 28.3   | 50.1   | 62.4   | 379.4  | 421.8  | 426.5  | 433.0  | 435.9  |
| 67.5° | 5.3    | 9.4    | 13.5   | 22.4   | 37.7   | 43.0   | 49.5   | 61.3   | 334.6  | 377.0  | 382.9  |
| 70°   | 4.7    | 6.5    | 11.2   | 18.9   | 30.6   | 33.0   | 37.1   | 42.4   | 50.1   | 61.9   | 302.8  |
| 72.5° | 2.9    | 4.7    | 7.7    | 13.5   | 23.6   | 26.5   | 28.9   | 32.4   | 35.9   | 43.0   | 49.5   |
| 75°   | 1.2    | 3.5    | 6.5    | 10.0   | 18.3   | 20.0   | 21.8   | 24.2   | 27.1   | 31.8   | 35.3   |
| 77.5° | 1.2    | 2.9    | 5.3    | 7.1    | 11.8   | 13.5   | 15.9   | 17.7   | 20.0   | 22.4   | 25.9   |
| 80°   | 4.1    | 2.4    | 3.5    | 5.3    | 8.2    | 8.8    | 10.0   | 11.2   | 13.0   | 14.7   | 17.1   |
| 82.5° | 2.9    | 3.5    | 4.1    | 3.5    | 4.1    | 5.3    | 5.9    | 7.1    | 7.7    | 8.8    | 9.4    |
| 85°   | 2.4    | 2.4    | 2.9    | 2.9    | 2.9    | 2.9    | 2.9    | 2.9    | 3.5    | 4.1    | 5.3    |
| 87.5° | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 2.4    | 2.4    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1213054

CATALOG NUMBER: 4SNLED-LD5-35SL-RM-UNV-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 167°   | 168°   | 169°   | 170°   | 171°   | 172°   | 173°   | 174°   | 175°   | 176°   | 177°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 |
| 2.5°  | 1956.4 | 1955.2 | 1951.6 | 1951.6 | 1951.1 | 1953.4 | 1955.2 | 1956.9 | 1956.4 | 1959.9 | 1956.4 |
| 5°    | 1971.1 | 1968.1 | 1962.8 | 1958.1 | 1956.4 | 1957.5 | 1955.8 | 1957.5 | 1955.2 | 1958.1 | 1952.8 |
| 7.5°  | 2011.7 | 2001.7 | 1981.1 | 1972.9 | 1962.3 | 1961.7 | 1956.4 | 1955.2 | 1951.6 | 1951.6 | 1945.2 |
| 10°   | 2083.6 | 2035.3 | 2029.4 | 2004.7 | 1995.8 | 1952.8 | 1962.3 | 1946.3 | 1944.6 | 1936.9 | 1934.0 |
| 12.5° | 2142.5 | 2104.8 | 2093.6 | 2071.8 | 2047.1 | 1959.9 | 1979.3 | 1945.2 | 1943.4 | 1928.1 | 1912.2 |
| 15°   | 2143.7 | 2165.5 | 2134.9 | 2074.8 | 2069.5 | 2009.4 | 1969.9 | 1958.1 | 1942.8 | 1896.9 | 1904.5 |
| 17.5° | 2074.8 | 2124.8 | 2139.6 | 2126.6 | 2088.9 | 2048.3 | 1992.9 | 1969.3 | 1923.4 | 1902.8 | 1888.6 |
| 20°   | 1962.8 | 2013.5 | 2076.5 | 2080.7 | 2104.2 | 2075.4 | 2002.9 | 1964.6 | 1909.2 | 1873.3 | 1861.5 |
| 22.5° | 1873.9 | 1911.0 | 1983.5 | 2017.0 | 2045.9 | 2055.9 | 2010.0 | 1953.4 | 1884.5 | 1849.7 | 1842.7 |
| 25°   | 1826.8 | 1835.0 | 1856.8 | 1896.3 | 1959.9 | 2005.8 | 2012.3 | 1952.2 | 1916.3 | 1840.3 | 1800.3 |
| 27.5° | 1809.7 | 1802.6 | 1793.8 | 1813.8 | 1861.5 | 1917.5 | 1954.6 | 1964.6 | 1875.1 | 1802.6 | 1762.6 |
| 30°   | 1766.1 | 1770.2 | 1756.7 | 1749.6 | 1780.8 | 1838.5 | 1904.5 | 1921.0 | 1852.1 | 1777.3 | 1731.3 |
| 32.5° | 1712.5 | 1719.5 | 1721.9 | 1709.5 | 1703.1 | 1743.1 | 1814.4 | 1853.9 | 1850.3 | 1741.3 | 1690.1 |
| 35°   | 1645.3 | 1665.4 | 1670.7 | 1671.2 | 1660.6 | 1654.2 | 1695.4 | 1777.3 | 1808.5 | 1724.8 | 1650.6 |
| 37.5° | 1574.6 | 1580.5 | 1609.4 | 1617.0 | 1617.0 | 1597.6 | 1628.2 | 1693.6 | 1737.2 | 1687.7 | 1602.3 |
| 40°   | 1486.3 | 1505.1 | 1532.2 | 1545.8 | 1559.3 | 1561.1 | 1544.0 | 1589.9 | 1661.8 | 1649.4 | 1557.0 |
| 42.5° | 1422.1 | 1434.4 | 1450.9 | 1469.2 | 1496.9 | 1503.9 | 1486.3 | 1494.5 | 1569.3 | 1601.7 | 1498.0 |
| 45°   | 1347.2 | 1363.7 | 1368.5 | 1388.5 | 1417.3 | 1438.0 | 1437.4 | 1420.3 | 1480.4 | 1520.4 | 1455.0 |
| 47.5° | 1270.7 | 1286.6 | 1294.8 | 1304.8 | 1326.0 | 1352.5 | 1367.3 | 1359.6 | 1371.4 | 1449.7 | 1397.9 |
| 50°   | 1191.7 | 1200.6 | 1217.1 | 1228.2 | 1242.4 | 1257.7 | 1293.0 | 1300.1 | 1283.6 | 1346.1 | 1334.9 |
| 52.5° | 1116.9 | 1119.9 | 1131.0 | 1142.2 | 1161.1 | 1172.3 | 1200.6 | 1221.8 | 1220.6 | 1238.9 | 1264.8 |
| 55°   | 1058.6 | 1045.6 | 1048.0 | 1056.8 | 1069.2 | 1086.3 | 1102.2 | 1135.2 | 1146.4 | 1149.9 | 1191.1 |
| 57.5° | 827.1  | 960.2  | 972.0  | 971.4  | 986.1  | 993.8  | 1008.5 | 1030.3 | 1070.4 | 1061.5 | 1107.5 |
| 60°   | 751.7  | 766.4  | 877.7  | 890.7  | 896.0  | 903.1  | 920.7  | 940.8  | 970.2  | 989.1  | 1009.1 |
| 62.5° | 573.2  | 662.7  | 696.3  | 794.7  | 810.0  | 814.1  | 825.9  | 835.3  | 866.0  | 909.0  | 900.7  |
| 65°   | 443.6  | 481.9  | 584.4  | 624.4  | 708.1  | 718.7  | 735.2  | 745.2  | 754.0  | 803.5  | 805.9  |
| 67.5° | 383.5  | 389.4  | 417.1  | 494.2  | 547.3  | 629.1  | 639.2  | 648.0  | 661.5  | 696.9  | 718.7  |
| 70°   | 327.5  | 334.6  | 342.3  | 348.7  | 417.7  | 471.9  | 547.9  | 550.8  | 559.6  | 583.2  | 632.7  |
| 72.5° | 61.9   | 279.8  | 284.5  | 288.7  | 296.3  | 332.2  | 404.7  | 463.6  | 467.1  | 478.3  | 523.7  |
| 75°   | 41.8   | 48.9   | 67.2   | 230.9  | 238.6  | 240.9  | 253.3  | 326.9  | 381.1  | 383.5  | 403.5  |
| 77.5° | 30.0   | 33.6   | 40.6   | 48.3   | 123.1  | 185.0  | 187.9  | 201.5  | 257.4  | 298.1  | 301.6  |
| 80°   | 20.6   | 23.0   | 27.1   | 30.6   | 37.7   | 49.5   | 136.7  | 140.8  | 147.9  | 203.8  | 214.4  |
| 82.5° | 11.8   | 13.5   | 15.9   | 19.4   | 22.4   | 28.3   | 36.5   | 47.1   | 96.0   | 102.5  | 136.1  |
| 85°   | 5.9    | 6.5    | 7.7    | 9.4    | 11.2   | 13.5   | 18.3   | 22.4   | 30.6   | 55.4   | 57.1   |
| 87.5° | 2.9    | 2.9    | 2.9    | 2.9    | 4.7    | 5.3    | 6.5    | 8.2    | 10.6   | 15.9   | 20.6   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1213054

CATALOG NUMBER: 4SNLED-LD5-35SL-RM-UNV-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 178°   | 179°   | 180°   | 181°   | 182°   | 183°   | 184°   | 185°   | 186°   | 187°   | 188°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 |
| 2.5°  | 1956.9 | 1965.2 | 1972.3 | 1974.0 | 1974.0 | 1975.2 | 1977.0 | 1978.2 | 1979.3 | 1980.5 | 1979.3 |
| 5°    | 1953.4 | 1962.3 | 1968.1 | 1969.9 | 1969.9 | 1973.4 | 1976.4 | 1979.9 | 1981.7 | 1981.7 | 1980.5 |
| 7.5°  | 1944.6 | 1951.1 | 1958.7 | 1963.4 | 1964.0 | 1969.9 | 1975.2 | 1974.6 | 1977.0 | 1978.2 | 1981.1 |
| 10°   | 1932.8 | 1932.8 | 1945.8 | 1949.3 | 1952.2 | 1958.7 | 1960.5 | 1964.0 | 1972.3 | 1973.4 | 1981.1 |
| 12.5° | 1926.9 | 1921.0 | 1936.3 | 1938.1 | 1948.1 | 1939.9 | 1950.5 | 1954.0 | 1945.8 | 1956.9 | 1942.2 |
| 15°   | 1900.4 | 1907.5 | 1905.1 | 1910.4 | 1928.1 | 1918.7 | 1947.5 | 1938.1 | 1959.3 | 1934.0 | 1978.7 |
| 17.5° | 1878.6 | 1877.4 | 1886.8 | 1891.6 | 1895.1 | 1915.1 | 1922.8 | 1933.4 | 1941.6 | 1934.6 | 1952.2 |
| 20°   | 1862.7 | 1853.3 | 1860.3 | 1865.6 | 1878.0 | 1893.3 | 1898.0 | 1882.1 | 1909.8 | 1956.9 | 1968.1 |
| 22.5° | 1832.7 | 1826.2 | 1834.4 | 1834.4 | 1853.3 | 1850.9 | 1868.6 | 1858.6 | 1884.5 | 1939.3 | 1996.4 |
| 25°   | 1792.0 | 1792.6 | 1801.4 | 1812.0 | 1815.6 | 1842.1 | 1851.5 | 1864.5 | 1896.9 | 1962.3 | 1997.0 |
| 27.5° | 1750.8 | 1747.2 | 1752.5 | 1774.3 | 1792.6 | 1812.0 | 1815.0 | 1859.2 | 1903.3 | 1948.1 | 1978.7 |
| 30°   | 1709.5 | 1706.0 | 1709.5 | 1725.4 | 1747.2 | 1760.2 | 1792.6 | 1851.5 | 1892.7 | 1923.4 | 1952.2 |
| 32.5° | 1665.4 | 1661.8 | 1670.1 | 1681.8 | 1720.1 | 1721.9 | 1786.1 | 1841.5 | 1873.9 | 1896.3 | 1891.0 |
| 35°   | 1618.2 | 1613.5 | 1621.2 | 1639.4 | 1674.8 | 1687.7 | 1754.9 | 1796.1 | 1832.7 | 1843.3 | 1818.5 |
| 37.5° | 1561.7 | 1553.4 | 1562.8 | 1588.2 | 1625.3 | 1663.0 | 1719.0 | 1766.7 | 1786.1 | 1757.8 | 1728.4 |
| 40°   | 1502.8 | 1496.9 | 1513.4 | 1526.3 | 1569.9 | 1622.3 | 1686.6 | 1720.1 | 1707.8 | 1675.4 | 1643.0 |
| 42.5° | 1450.3 | 1438.0 | 1452.7 | 1477.4 | 1526.9 | 1586.4 | 1638.3 | 1657.1 | 1627.6 | 1579.9 | 1542.2 |
| 45°   | 1386.1 | 1371.4 | 1389.1 | 1422.1 | 1475.1 | 1542.8 | 1583.5 | 1577.0 | 1526.9 | 1485.7 | 1433.8 |
| 47.5° | 1319.0 | 1301.3 | 1319.0 | 1358.4 | 1417.9 | 1489.8 | 1519.3 | 1489.8 | 1426.8 | 1374.9 | 1333.1 |
| 50°   | 1253.0 | 1232.4 | 1249.5 | 1309.0 | 1367.3 | 1422.6 | 1422.1 | 1364.9 | 1327.2 | 1270.7 | 1234.1 |
| 52.5° | 1187.6 | 1158.1 | 1175.2 | 1240.0 | 1298.3 | 1361.4 | 1314.8 | 1261.8 | 1216.5 | 1167.0 | 1155.2 |
| 55°   | 1106.9 | 1075.1 | 1098.1 | 1192.3 | 1237.1 | 1274.2 | 1200.0 | 1153.4 | 1108.7 | 1083.9 | 1069.2 |
| 57.5° | 1030.3 | 995.6  | 1015.6 | 1126.9 | 1159.9 | 1169.3 | 1101.0 | 1035.0 | 1008.5 | 1000.3 | 979.1  |
| 60°   | 951.4  | 911.9  | 930.8  | 1059.2 | 1082.2 | 1043.9 | 976.7  | 925.5  | 920.2  | 903.7  | 887.2  |
| 62.5° | 876.0  | 832.4  | 844.2  | 974.9  | 985.5  | 916.0  | 854.2  | 840.6  | 827.7  | 811.2  | 802.3  |
| 65°   | 789.4  | 744.0  | 760.5  | 885.4  | 875.4  | 785.8  | 751.1  | 748.1  | 731.1  | 717.5  | 730.5  |
| 67.5° | 709.9  | 656.2  | 679.2  | 787.6  | 742.3  | 669.2  | 655.1  | 648.0  | 634.4  | 642.1  | 506.0  |
| 70°   | 622.7  | 564.3  | 595.6  | 682.2  | 615.0  | 566.7  | 561.4  | 550.8  | 551.4  | 438.3  | 369.4  |
| 72.5° | 525.5  | 474.8  | 520.2  | 566.7  | 486.6  | 472.4  | 464.8  | 463.6  | 374.1  | 304.0  | 286.9  |
| 75°   | 440.0  | 388.8  | 437.7  | 455.4  | 387.6  | 378.2  | 377.6  | 312.2  | 245.6  | 234.5  | 229.2  |
| 77.5° | 343.4  | 304.0  | 350.5  | 324.0  | 297.5  | 286.9  | 257.4  | 193.2  | 185.0  | 177.3  | 66.6   |
| 80°   | 231.5  | 234.5  | 261.6  | 223.3  | 212.1  | 180.8  | 142.6  | 136.7  | 117.8  | 47.1   | 37.1   |
| 82.5° | 140.8  | 176.7  | 166.7  | 139.6  | 136.7  | 98.4   | 90.1   | 45.9   | 34.2   | 27.1   | 23.6   |
| 85°   | 73.0   | 89.5   | 86.0   | 76.0   | 56.6   | 50.7   | 28.3   | 21.8   | 17.7   | 13.5   | 11.2   |
| 87.5° | 24.7   | 33.0   | 31.8   | 25.3   | 19.4   | 15.3   | 10.0   | 8.2    | 5.9    | 4.7    | 4.1    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1213054

CATALOG NUMBER: 4SNLED-LD5-35SL-RM-UNV-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 189°   | 190°   | 191°   | 192°   | 193°   | 194°   | 195°   | 196°   | 197°   | 198°   | 199°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 |
| 2.5°  | 1978.2 | 1978.2 | 1977.0 | 1978.2 | 1978.7 | 1977.6 | 1977.6 | 1978.7 | 1979.3 | 1979.9 | 1982.9 |
| 5°    | 1981.1 | 1982.3 | 1984.0 | 1987.6 | 1988.2 | 1995.2 | 1998.2 | 2000.0 | 2001.7 | 2002.3 | 1998.2 |
| 7.5°  | 1987.6 | 1991.7 | 1995.2 | 1994.7 | 1990.5 | 1979.3 | 1975.8 | 1972.9 | 1978.2 | 1991.7 | 2007.6 |
| 10°   | 1993.5 | 1974.6 | 1939.3 | 1987.6 | 1972.9 | 1986.4 | 2026.5 | 2035.3 | 2062.4 | 2100.7 | 2111.9 |
| 12.5° | 1952.8 | 2004.7 | 2015.9 | 1961.7 | 2061.8 | 2024.7 | 2068.9 | 2107.8 | 2118.9 | 2157.8 | 2134.3 |
| 15°   | 1996.4 | 2021.7 | 2038.8 | 2093.0 | 2087.1 | 2118.9 | 2131.3 | 2123.7 | 2125.4 | 2135.4 | 2162.0 |
| 17.5° | 1995.8 | 2046.5 | 2057.7 | 2094.2 | 2118.9 | 2119.5 | 2116.0 | 2112.5 | 2121.9 | 2129.6 | 2113.6 |
| 20°   | 2030.0 | 2046.5 | 2068.3 | 2083.0 | 2087.7 | 2093.6 | 2104.8 | 2096.0 | 2078.3 | 2061.2 | 2054.1 |
| 22.5° | 2012.9 | 2050.0 | 2068.9 | 2071.2 | 2068.3 | 2050.0 | 2033.5 | 2008.8 | 2000.5 | 1991.7 | 1994.7 |
| 25°   | 2016.4 | 2033.5 | 2031.2 | 2021.7 | 2009.4 | 1975.2 | 1967.0 | 1956.4 | 1940.5 | 1902.2 | 1867.4 |
| 27.5° | 1991.1 | 1982.3 | 1971.7 | 1948.7 | 1926.3 | 1908.1 | 1887.4 | 1853.3 | 1825.0 | 1783.8 | 1768.4 |
| 30°   | 1948.7 | 1913.4 | 1887.4 | 1873.9 | 1852.1 | 1821.5 | 1790.2 | 1748.4 | 1712.5 | 1704.2 | 1696.6 |
| 32.5° | 1867.4 | 1832.7 | 1811.4 | 1778.5 | 1741.3 | 1704.8 | 1668.9 | 1652.4 | 1644.7 | 1645.9 | 1638.8 |
| 35°   | 1784.3 | 1753.7 | 1721.9 | 1672.4 | 1644.7 | 1608.2 | 1595.2 | 1591.7 | 1584.6 | 1577.0 | 1568.7 |
| 37.5° | 1696.0 | 1660.0 | 1612.3 | 1582.9 | 1555.2 | 1540.5 | 1534.0 | 1528.7 | 1516.3 | 1502.8 | 1493.3 |
| 40°   | 1610.6 | 1545.8 | 1519.3 | 1490.4 | 1482.1 | 1475.7 | 1466.2 | 1453.3 | 1436.2 | 1433.8 | 1429.7 |
| 42.5° | 1496.3 | 1449.7 | 1426.8 | 1420.9 | 1410.9 | 1399.7 | 1391.4 | 1377.3 | 1370.2 | 1374.9 | 1378.5 |
| 45°   | 1387.9 | 1364.3 | 1356.7 | 1349.6 | 1330.7 | 1314.8 | 1309.5 | 1304.8 | 1310.7 | 1336.6 | 1274.8 |
| 47.5° | 1300.1 | 1290.7 | 1281.3 | 1269.5 | 1251.8 | 1240.0 | 1245.3 | 1250.0 | 1255.3 | 1065.1 | 972.0  |
| 50°   | 1224.1 | 1211.2 | 1196.4 | 1183.5 | 1172.9 | 1171.7 | 1199.4 | 1116.3 | 934.9  | 930.2  | 835.9  |
| 52.5° | 1141.1 | 1121.6 | 1112.8 | 1105.1 | 1109.8 | 1127.5 | 933.1  | 866.0  | 830.6  | 721.6  | 673.3  |
| 55°   | 1051.5 | 1034.4 | 1034.4 | 1041.5 | 1016.2 | 823.5  | 813.5  | 703.4  | 636.8  | 618.0  | 610.3  |
| 57.5° | 962.0  | 960.2  | 970.2  | 887.2  | 747.6  | 716.9  | 602.6  | 578.5  | 567.9  | 565.5  | 553.2  |
| 60°   | 880.1  | 896.6  | 750.5  | 690.4  | 600.3  | 541.4  | 524.9  | 521.9  | 510.7  | 506.6  | 495.4  |
| 62.5° | 814.7  | 675.7  | 629.1  | 513.7  | 483.6  | 476.0  | 467.1  | 463.0  | 453.0  | 400.0  | 117.2  |
| 65°   | 588.5  | 556.1  | 451.2  | 431.8  | 429.4  | 418.3  | 414.7  | 372.9  | 87.8   | 58.9   | 50.1   |
| 67.5° | 444.2  | 394.1  | 380.6  | 377.0  | 365.8  | 343.4  | 101.9  | 58.3   | 50.1   | 43.6   | 38.3   |
| 70°   | 341.1  | 332.2  | 322.2  | 314.0  | 92.5   | 57.7   | 50.1   | 42.4   | 36.5   | 32.4   | 29.5   |
| 72.5° | 279.2  | 273.3  | 159.1  | 60.7   | 49.5   | 41.8   | 37.1   | 32.4   | 28.3   | 25.9   | 23.6   |
| 75°   | 218.6  | 60.7   | 50.1   | 41.8   | 35.9   | 30.6   | 27.1   | 24.2   | 21.8   | 20.0   | 18.3   |
| 77.5° | 49.5   | 40.1   | 34.2   | 28.9   | 25.9   | 23.0   | 20.6   | 17.7   | 15.9   | 14.1   | 11.8   |
| 80°   | 30.6   | 26.5   | 22.4   | 20.6   | 17.7   | 14.7   | 13.0   | 11.8   | 9.4    | 8.8    | 7.7    |
| 82.5° | 20.0   | 15.9   | 14.1   | 11.8   | 9.4    | 8.8    | 7.7    | 5.9    | 5.3    | 4.7    | 4.1    |
| 85°   | 8.8    | 7.7    | 6.5    | 5.3    | 4.1    | 3.5    | 2.9    | 2.4    | 2.4    | 2.4    | 2.4    |
| 87.5° | 2.9    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.2    | 1.2    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1213054

CATALOG NUMBER: 4SNLED-LD5-35SL-RM-UNV-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 200°   | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 |
| 2.5°  | 1984.0 | 1994.7 | 2004.7 | 2001.7 | 1991.1 | 1974.6 | 1969.9 | 1963.4 | 1968.1 | 1978.2 | 1982.3 |
| 5°    | 1998.2 | 1992.3 | 2013.5 | 2044.7 | 2095.4 | 2100.1 | 2135.4 | 2143.7 | 2172.0 | 2189.6 | 2189.0 |
| 7.5°  | 2018.2 | 2101.9 | 2136.6 | 2174.3 | 2191.4 | 2187.3 | 2192.6 | 2188.5 | 2182.0 | 2179.0 | 2175.5 |
| 10°   | 2120.1 | 2183.7 | 2196.7 | 2196.7 | 2170.2 | 2134.3 | 2118.9 | 2092.4 | 2039.4 | 2040.6 | 2031.8 |
| 12.5° | 2179.6 | 2202.0 | 2171.4 | 2145.5 | 2038.8 | 1997.6 | 1952.8 | 1931.6 | 1919.2 | 1900.4 | 1907.5 |
| 15°   | 2148.4 | 2116.6 | 2098.3 | 2014.7 | 1949.3 | 1875.1 | 1876.2 | 1863.3 | 1849.7 | 1850.9 | 1842.1 |
| 17.5° | 2102.5 | 2077.1 | 1947.5 | 1889.8 | 1858.0 | 1829.1 | 1823.8 | 1806.7 | 1797.9 | 1794.9 | 1794.4 |
| 20°   | 2039.4 | 1948.1 | 1851.5 | 1837.4 | 1799.1 | 1766.1 | 1760.8 | 1766.1 | 1793.2 | 1744.9 | 1581.1 |
| 22.5° | 1965.8 | 1834.4 | 1806.1 | 1766.1 | 1740.2 | 1727.2 | 1759.6 | 1612.3 | 1389.7 | 1416.8 | 1387.9 |
| 25°   | 1840.9 | 1783.8 | 1735.5 | 1704.8 | 1701.9 | 1622.3 | 1352.0 | 1323.7 | 1180.5 | 1104.0 | 1017.9 |
| 27.5° | 1749.6 | 1724.8 | 1674.2 | 1668.9 | 1630.6 | 1326.6 | 1185.8 | 1030.3 | 973.2  | 964.3  | 945.5  |
| 30°   | 1694.2 | 1658.9 | 1628.2 | 1494.5 | 1301.3 | 1068.0 | 951.4  | 929.6  | 919.6  | 909.0  | 892.5  |
| 32.5° | 1627.6 | 1594.1 | 1608.8 | 1256.5 | 1037.4 | 919.6  | 896.0  | 880.1  | 861.8  | 854.8  | 795.3  |
| 35°   | 1559.9 | 1544.6 | 1257.1 | 1056.2 | 891.9  | 863.6  | 845.9  | 829.4  | 659.8  | 159.6  | 54.2   |
| 37.5° | 1487.4 | 1483.9 | 1129.9 | 876.6  | 835.3  | 808.8  | 758.7  | 156.7  | 37.1   | 25.3   | 18.9   |
| 40°   | 1430.9 | 1130.5 | 893.1  | 821.8  | 788.2  | 746.4  | 104.9  | 25.9   | 16.5   | 10.0   | 6.5    |
| 42.5° | 1393.2 | 1016.8 | 799.4  | 771.1  | 698.1  | 77.2   | 26.5   | 11.2   | 6.5    | 5.3    | 4.1    |
| 45°   | 1073.9 | 802.9  | 747.0  | 717.5  | 88.4   | 26.5   | 15.3   | 5.3    | 4.1    | 3.5    | 2.4    |
| 47.5° | 990.8  | 729.3  | 696.3  | 156.7  | 29.5   | 14.1   | 10.6   | 3.5    | 2.4    | 2.4    | 2.4    |
| 50°   | 750.5  | 673.9  | 554.3  | 38.3   | 18.9   | 10.0   | 7.7    | 2.4    | 2.4    | 2.4    | 1.8    |
| 52.5° | 658.0  | 622.1  | 59.5   | 25.3   | 14.7   | 7.7    | 4.7    | 1.8    | 1.8    | 1.8    | 1.8    |
| 55°   | 601.5  | 394.7  | 35.3   | 19.4   | 12.4   | 7.1    | 2.9    | 1.8    | 1.8    | 1.8    | 1.2    |
| 57.5° | 550.2  | 53.0   | 25.9   | 16.5   | 11.2   | 6.5    | 1.8    | 1.8    | 1.8    | 1.8    | 1.2    |
| 60°   | 466.6  | 38.3   | 21.2   | 14.7   | 10.6   | 5.9    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    |
| 62.5° | 60.7   | 30.0   | 18.3   | 13.0   | 7.7    | 4.7    | 1.2    | 1.8    | 1.8    | 1.8    | 1.8    |
| 65°   | 44.2   | 23.6   | 16.5   | 8.8    | 4.7    | 1.8    | 1.2    | 1.8    | 1.8    | 1.8    | 1.8    |
| 67.5° | 34.2   | 19.4   | 12.4   | 7.7    | 4.1    | 1.2    | 1.2    | 1.8    | 1.8    | 1.8    | 1.8    |
| 70°   | 27.1   | 16.5   | 10.0   | 6.5    | 3.5    | 1.2    | 1.2    | 1.8    | 1.8    | 1.8    | 1.8    |
| 72.5° | 21.2   | 11.8   | 7.1    | 3.5    | 2.4    | 1.2    | 1.2    | 1.8    | 1.8    | 1.8    | 1.8    |
| 75°   | 15.9   | 9.4    | 5.3    | 2.9    | 1.2    | 1.2    | 1.2    | 1.8    | 1.8    | 1.8    | 1.8    |
| 77.5° | 10.6   | 5.9    | 4.1    | 2.4    | 2.4    | 2.4    | 2.9    | 2.9    | 1.8    | 1.8    | 1.8    |
| 80°   | 7.1    | 4.1    | 2.9    | 2.9    | 2.9    | 2.4    | 2.9    | 2.9    | 1.8    | 2.9    | 1.8    |
| 82.5° | 3.5    | 2.9    | 2.9    | 2.4    | 2.4    | 1.8    | 2.4    | 2.4    | 2.4    | 2.4    | 1.8    |
| 85°   | 2.4    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 2.4    | 2.4    | 1.8    |
| 87.5° | 1.2    | 1.2    | 1.2    | 1.2    | 1.8    | 1.8    | 1.8    | 1.8    | 2.4    | 2.4    | 1.8    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1213054

CATALOG NUMBER: 4SNLED-LD5-35SL-RM-UNV-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 |
| 2.5°  | 1977.0 | 1978.7 | 1974.0 | 1999.4 | 1986.4 | 1987.6 | 1992.9 | 1979.3 | 1982.3 | 1972.9 | 1966.4 |
| 5°    | 2191.4 | 2194.9 | 2198.5 | 2199.7 | 2202.0 | 2205.0 | 2201.4 | 2199.7 | 2196.1 | 2184.3 | 2172.0 |
| 7.5°  | 2157.8 | 2153.7 | 2151.9 | 2154.3 | 2158.4 | 2160.2 | 2157.2 | 2161.4 | 2176.7 | 2183.2 | 2187.3 |
| 10°   | 1981.1 | 1962.3 | 1975.2 | 1973.4 | 1958.7 | 2008.2 | 1994.7 | 2002.3 | 2007.6 | 2061.8 | 2094.8 |
| 12.5° | 1896.9 | 1908.6 | 1886.3 | 1875.1 | 1889.8 | 1899.8 | 1909.8 | 1888.6 | 1918.1 | 1904.5 | 1948.1 |
| 15°   | 1826.2 | 1819.1 | 1816.7 | 1817.3 | 1814.4 | 1828.5 | 1832.1 | 1836.8 | 1840.9 | 1859.2 | 1866.2 |
| 17.5° | 1794.4 | 1806.1 | 1810.9 | 1814.4 | 1808.5 | 1802.0 | 1795.5 | 1786.1 | 1789.1 | 1784.3 | 1797.9 |
| 20°   | 1471.0 | 1431.5 | 1429.1 | 1452.1 | 1426.8 | 1440.9 | 1475.1 | 1703.6 | 1696.0 | 1784.9 | 1754.9 |
| 22.5° | 1227.7 | 1190.5 | 1158.7 | 1131.0 | 1170.5 | 1187.0 | 1250.6 | 1322.5 | 1439.1 | 1420.9 | 1547.5 |
| 25°   | 1002.6 | 989.1  | 980.8  | 976.7  | 979.7  | 978.5  | 992.6  | 1026.2 | 1079.2 | 1204.1 | 1365.5 |
| 27.5° | 937.8  | 931.3  | 928.4  | 919.0  | 926.0  | 923.7  | 934.9  | 942.0  | 957.9  | 970.2  | 1022.7 |
| 30°   | 886.6  | 878.9  | 873.6  | 863.6  | 870.7  | 871.3  | 874.8  | 893.1  | 899.5  | 910.1  | 926.6  |
| 32.5° | 324.0  | 190.9  | 179.1  | 170.2  | 186.2  | 242.7  | 425.9  | 744.6  | 849.5  | 857.7  | 876.6  |
| 35°   | 31.8   | 26.5   | 23.6   | 23.6   | 24.2   | 26.5   | 35.3   | 93.1   | 170.2  | 658.0  | 823.5  |
| 37.5° | 12.4   | 10.6   | 8.8    | 8.2    | 8.8    | 10.0   | 13.5   | 17.7   | 24.2   | 50.1   | 223.3  |
| 40°   | 5.3    | 4.7    | 4.1    | 4.1    | 4.1    | 4.1    | 4.7    | 5.9    | 8.8    | 16.5   | 25.9   |
| 42.5° | 3.5    | 2.9    | 2.9    | 2.9    | 2.9    | 2.9    | 2.9    | 2.9    | 4.1    | 5.3    | 10.6   |
| 45°   | 2.4    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 2.4    | 2.9    | 4.7    |
| 47.5° | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 2.4    |
| 50°   | 1.8    | 1.8    | 1.8    | 1.8    | 1.2    | 1.8    | 1.2    | 1.8    | 1.8    | 1.8    | 1.8    |
| 52.5° | 1.8    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.8    | 1.8    |
| 55°   | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.8    |
| 57.5° | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    |
| 60°   | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    |
| 62.5° | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.8    | 1.8    | 1.2    |
| 65°   | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.8    | 1.2    |
| 67.5° | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    |
| 70°   | 1.8    | 1.8    | 1.2    | 1.8    | 1.2    | 1.2    | 1.8    | 1.8    | 1.8    | 1.2    | 1.2    |
| 72.5° | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 3.5    | 3.5    | 2.4    |
| 75°   | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 2.9    | 3.5    | 2.9    |
| 77.5° | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 2.9    | 2.9    | 2.9    |
| 80°   | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 2.4    | 2.4    | 2.4    |
| 82.5° | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 2.4    | 2.4    | 2.4    |
| 85°   | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    |
| 87.5° | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1213054

CATALOG NUMBER: 4SNLED-LD5-35SL-RM-UNV-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 340°   | 341°   | 342°   | 343°   | 344°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 |
| 2.5°  | 1955.2 | 1954.6 | 1967.0 | 1976.4 | 1972.9 | 1976.4 | 1980.5 | 1981.1 | 1982.3 | 1977.6 | 1975.8 |
| 5°    | 2148.4 | 2130.1 | 2094.8 | 2069.5 | 2040.0 | 1986.4 | 1959.9 | 1962.8 | 1963.4 | 1961.7 | 1964.0 |
| 7.5°  | 2185.5 | 2183.7 | 2171.4 | 2166.1 | 2146.0 | 2107.8 | 2046.5 | 2035.9 | 2010.0 | 1993.5 | 1979.9 |
| 10°   | 2092.4 | 2134.9 | 2146.0 | 2164.9 | 2176.7 | 2169.6 | 2117.8 | 2110.1 | 2093.6 | 2074.8 | 2078.9 |
| 12.5° | 1991.7 | 2026.5 | 2028.2 | 2130.7 | 2153.7 | 2156.1 | 2136.0 | 2146.6 | 2149.0 | 2106.6 | 2081.8 |
| 15°   | 1868.0 | 1884.5 | 1919.2 | 2014.7 | 2084.2 | 2127.8 | 2140.7 | 2146.6 | 2117.8 | 2116.0 | 2106.0 |
| 17.5° | 1813.8 | 1824.4 | 1840.3 | 1893.9 | 1999.4 | 2063.6 | 2118.4 | 2114.2 | 2125.4 | 2117.2 | 2091.9 |
| 20°   | 1745.5 | 1754.3 | 1782.6 | 1809.7 | 1861.5 | 1946.9 | 2049.4 | 2057.1 | 2071.8 | 2070.1 | 2077.1 |
| 22.5° | 1744.3 | 1713.1 | 1717.8 | 1739.0 | 1793.2 | 1869.8 | 1978.7 | 2004.1 | 2013.5 | 2020.0 | 2027.6 |
| 25°   | 1383.8 | 1631.8 | 1677.1 | 1690.7 | 1726.0 | 1770.8 | 1899.2 | 1908.6 | 1926.3 | 1955.2 | 1976.4 |
| 27.5° | 1198.8 | 1367.3 | 1548.7 | 1643.0 | 1665.4 | 1702.5 | 1779.0 | 1793.2 | 1853.3 | 1860.3 | 1893.3 |
| 30°   | 946.1  | 1076.3 | 1347.2 | 1574.0 | 1611.2 | 1637.1 | 1691.3 | 1719.5 | 1745.5 | 1773.7 | 1808.5 |
| 32.5° | 890.1  | 910.7  | 1060.9 | 1302.5 | 1591.1 | 1571.7 | 1611.7 | 1628.8 | 1657.1 | 1681.8 | 1707.2 |
| 35°   | 838.9  | 853.0  | 884.8  | 1066.8 | 1296.0 | 1518.1 | 1545.2 | 1556.4 | 1572.3 | 1591.1 | 1609.4 |
| 37.5° | 785.3  | 806.5  | 828.3  | 877.2  | 1198.8 | 1475.7 | 1475.1 | 1488.0 | 1497.5 | 1513.4 | 1528.7 |
| 40°   | 142.6  | 740.5  | 775.8  | 807.6  | 929.6  | 1177.0 | 1409.1 | 1415.0 | 1421.5 | 1431.5 | 1447.4 |
| 42.5° | 23.0   | 123.7  | 726.9  | 757.6  | 792.3  | 1053.9 | 1379.1 | 1354.9 | 1350.8 | 1357.8 | 1372.0 |
| 45°   | 11.8   | 30.0   | 146.1  | 707.5  | 738.7  | 840.6  | 1127.5 | 1313.1 | 1309.0 | 1295.4 | 1298.3 |
| 47.5° | 8.8    | 18.9   | 35.9   | 244.5  | 691.6  | 721.6  | 1040.3 | 1029.1 | 1107.5 | 1257.7 | 1234.7 |
| 50°   | 7.7    | 13.0   | 21.2   | 50.1   | 610.9  | 664.5  | 801.2  | 936.1  | 977.3  | 982.6  | 1162.9 |
| 52.5° | 7.1    | 8.8    | 15.3   | 32.4   | 128.4  | 614.4  | 651.5  | 698.7  | 768.2  | 917.2  | 913.7  |
| 55°   | 6.5    | 8.2    | 13.0   | 21.8   | 44.8   | 553.7  | 592.0  | 600.9  | 615.6  | 686.9  | 781.1  |
| 57.5° | 3.5    | 7.7    | 12.4   | 18.9   | 33.6   | 101.3  | 537.2  | 544.3  | 556.1  | 559.0  | 592.6  |
| 60°   | 1.8    | 7.1    | 11.2   | 16.5   | 24.7   | 47.1   | 483.1  | 491.3  | 498.4  | 499.5  | 510.1  |
| 62.5° | 1.2    | 6.5    | 9.4    | 15.3   | 20.6   | 33.6   | 114.3  | 233.3  | 443.6  | 443.6  | 456.0  |
| 65°   | 1.2    | 4.7    | 5.9    | 10.0   | 18.9   | 27.7   | 48.3   | 56.0   | 109.0  | 268.0  | 400.0  |
| 67.5° | 1.2    | 1.8    | 5.3    | 8.2    | 14.1   | 21.2   | 35.3   | 41.2   | 49.5   | 56.6   | 104.9  |
| 70°   | 1.2    | 1.2    | 4.7    | 5.3    | 8.8    | 15.9   | 25.3   | 28.9   | 33.6   | 38.3   | 44.2   |
| 72.5° | 1.2    | 1.2    | 4.1    | 4.1    | 5.9    | 10.6   | 19.4   | 21.2   | 24.2   | 27.1   | 31.2   |
| 75°   | 2.9    | 2.4    | 3.5    | 3.5    | 4.1    | 8.2    | 14.7   | 16.5   | 17.7   | 20.0   | 23.0   |
| 77.5° | 2.9    | 2.9    | 2.9    | 2.9    | 2.9    | 5.3    | 9.4    | 10.6   | 12.4   | 13.5   | 15.9   |
| 80°   | 2.4    | 2.4    | 2.4    | 2.9    | 2.9    | 3.5    | 5.9    | 6.5    | 7.1    | 8.8    | 9.4    |
| 82.5° | 2.4    | 2.4    | 2.4    | 2.4    | 2.4    | 2.4    | 2.4    | 2.4    | 3.5    | 4.1    | 5.3    |
| 85°   | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 2.4    | 2.4    | 2.4    | 2.4    |
| 87.5° | 1.8    | 1.8    | 1.8    | 1.2    | 1.2    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1213054

CATALOG NUMBER: 4SNLED-LD5-35SL-RM-UNV-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 345°   | 346°   | 347°   | 348°   | 349°   | 350°   | 351°   | 352°   | 353°   | 354°   | 355°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 |
| 2.5°  | 1975.2 | 1971.7 | 1968.7 | 1970.5 | 1965.2 | 1962.8 | 1964.6 | 1965.2 | 1966.4 | 1969.3 | 1969.9 |
| 5°    | 1969.9 | 1968.7 | 1974.0 | 1977.0 | 1975.8 | 1977.0 | 1977.0 | 1974.6 | 1971.1 | 1973.4 | 1968.1 |
| 7.5°  | 1966.4 | 1958.7 | 1952.8 | 1954.0 | 1948.1 | 1955.2 | 1961.7 | 1971.1 | 1974.0 | 1974.0 | 1968.1 |
| 10°   | 2027.1 | 2018.8 | 1985.8 | 1963.4 | 1948.7 | 1935.7 | 1966.4 | 1935.2 | 1949.9 | 1893.9 | 1958.1 |
| 12.5° | 2077.1 | 2088.3 | 2073.6 | 2012.3 | 2001.7 | 1962.8 | 1985.2 | 1946.9 | 1935.7 | 1871.5 | 1892.1 |
| 15°   | 2097.2 | 2075.9 | 2071.2 | 2054.1 | 2031.2 | 2020.0 | 1959.9 | 1953.4 | 1935.2 | 1942.2 | 1915.1 |
| 17.5° | 2079.5 | 2090.1 | 2075.9 | 2064.8 | 2041.2 | 2014.7 | 1978.7 | 1946.9 | 1921.6 | 1865.1 | 1912.8 |
| 20°   | 2062.4 | 2076.5 | 2034.1 | 2041.2 | 2043.5 | 2012.9 | 1994.1 | 1967.6 | 1935.7 | 1882.7 | 1841.5 |
| 22.5° | 2034.1 | 2024.1 | 2027.6 | 2017.0 | 2008.2 | 2012.3 | 1986.4 | 1968.1 | 1914.5 | 1890.4 | 1834.4 |
| 25°   | 1988.2 | 1984.6 | 1994.1 | 1992.9 | 1971.7 | 1964.6 | 1951.6 | 1932.2 | 1911.0 | 1872.1 | 1826.2 |
| 27.5° | 1913.4 | 1931.6 | 1948.1 | 1955.8 | 1944.6 | 1925.7 | 1918.7 | 1907.5 | 1892.7 | 1853.3 | 1819.1 |
| 30°   | 1834.4 | 1855.0 | 1873.9 | 1890.4 | 1900.4 | 1892.1 | 1885.7 | 1879.2 | 1856.8 | 1830.9 | 1792.6 |
| 32.5° | 1744.3 | 1771.4 | 1797.3 | 1817.3 | 1839.1 | 1845.6 | 1840.9 | 1835.6 | 1816.7 | 1793.2 | 1762.6 |
| 35°   | 1640.0 | 1677.1 | 1714.8 | 1750.8 | 1760.2 | 1775.5 | 1790.8 | 1782.0 | 1772.0 | 1748.4 | 1720.1 |
| 37.5° | 1551.7 | 1578.2 | 1605.3 | 1650.6 | 1683.6 | 1703.1 | 1730.2 | 1733.7 | 1716.6 | 1705.4 | 1668.3 |
| 40°   | 1460.3 | 1484.5 | 1524.0 | 1550.5 | 1595.8 | 1618.2 | 1647.1 | 1660.0 | 1655.9 | 1649.4 | 1617.0 |
| 42.5° | 1388.5 | 1400.3 | 1426.2 | 1449.7 | 1494.5 | 1540.5 | 1565.8 | 1579.9 | 1594.7 | 1589.4 | 1572.9 |
| 45°   | 1311.9 | 1322.5 | 1331.3 | 1352.0 | 1395.5 | 1436.2 | 1467.4 | 1488.6 | 1515.1 | 1527.5 | 1507.5 |
| 47.5° | 1235.9 | 1238.9 | 1249.5 | 1266.5 | 1292.5 | 1323.7 | 1376.1 | 1407.9 | 1432.7 | 1456.8 | 1443.9 |
| 50°   | 1177.6 | 1167.0 | 1168.7 | 1179.4 | 1200.6 | 1231.2 | 1268.9 | 1313.7 | 1341.9 | 1371.4 | 1374.3 |
| 52.5° | 1029.1 | 1115.1 | 1094.5 | 1100.4 | 1111.6 | 1126.3 | 1165.8 | 1210.0 | 1244.7 | 1270.1 | 1295.4 |
| 55°   | 863.6  | 880.7  | 1046.2 | 1022.7 | 1029.7 | 1042.7 | 1060.9 | 1105.1 | 1138.7 | 1174.1 | 1209.4 |
| 57.5° | 669.8  | 797.0  | 803.5  | 956.7  | 953.1  | 954.3  | 969.6  | 995.0  | 1028.5 | 1072.7 | 1102.8 |
| 60°   | 520.8  | 574.4  | 678.6  | 731.6  | 866.0  | 870.7  | 879.5  | 894.2  | 923.1  | 964.9  | 1012.6 |
| 62.5° | 459.5  | 466.6  | 503.7  | 583.2  | 670.4  | 775.8  | 794.7  | 797.0  | 810.0  | 851.8  | 907.2  |
| 65°   | 403.5  | 408.2  | 419.4  | 427.7  | 500.7  | 602.6  | 693.4  | 708.1  | 716.3  | 741.1  | 788.2  |
| 67.5° | 278.0  | 351.7  | 361.7  | 367.6  | 374.7  | 421.8  | 534.3  | 609.1  | 618.5  | 640.3  | 681.6  |
| 70°   | 53.6   | 111.3  | 304.6  | 311.0  | 314.6  | 325.2  | 343.4  | 462.4  | 524.9  | 545.5  | 564.3  |
| 72.5° | 36.5   | 43.0   | 51.8   | 122.5  | 259.2  | 265.1  | 269.2  | 284.5  | 390.0  | 450.1  | 460.1  |
| 75°   | 26.5   | 29.5   | 34.8   | 43.0   | 53.0   | 172.6  | 213.8  | 221.5  | 229.2  | 316.3  | 367.0  |
| 77.5° | 18.9   | 21.2   | 23.6   | 27.7   | 32.4   | 41.8   | 60.1   | 165.5  | 173.2  | 177.3  | 250.4  |
| 80°   | 10.6   | 13.0   | 15.9   | 18.3   | 20.6   | 23.6   | 30.6   | 38.3   | 85.4   | 124.9  | 131.4  |
| 82.5° | 5.9    | 7.1    | 8.2    | 10.0   | 11.2   | 14.1   | 17.1   | 20.6   | 27.1   | 40.1   | 84.8   |
| 85°   | 2.9    | 2.9    | 2.9    | 4.1    | 4.7    | 6.5    | 7.7    | 8.8    | 12.4   | 17.1   | 23.6   |
| 87.5° | 1.8    | 1.8    | 2.4    | 2.4    | 2.4    | 2.9    | 2.9    | 2.9    | 3.5    | 5.3    | 7.7    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1213054

CATALOG NUMBER: 4SNLED-LD5-35SL-RM-UNV-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

|       | 356°   | 357°   | 358°   | 359°   | 360°   |
|-------|--------|--------|--------|--------|--------|
| 0°    | 1962.8 | 1962.8 | 1962.8 | 1962.8 | 1962.8 |
| 2.5°  | 1970.5 | 1968.7 | 1968.7 | 1975.8 | 1974.0 |
| 5°    | 1967.0 | 1965.2 | 1964.6 | 1972.3 | 1968.7 |
| 7.5°  | 1964.0 | 1957.5 | 1955.8 | 1962.8 | 1959.9 |
| 10°   | 1952.2 | 1947.5 | 1950.5 | 1948.1 | 1946.9 |
| 12.5° | 1932.2 | 1929.3 | 1916.9 | 1918.1 | 1928.1 |
| 15°   | 1896.3 | 1908.1 | 1886.8 | 1905.7 | 1909.8 |
| 17.5° | 1830.3 | 1856.8 | 1877.4 | 1888.6 | 1890.4 |
| 20°   | 1859.7 | 1868.6 | 1858.0 | 1858.6 | 1865.6 |
| 22.5° | 1821.5 | 1825.6 | 1828.5 | 1825.0 | 1840.3 |
| 25°   | 1760.2 | 1744.3 | 1778.5 | 1785.5 | 1810.3 |
| 27.5° | 1741.3 | 1728.4 | 1744.3 | 1743.1 | 1763.7 |
| 30°   | 1726.0 | 1684.2 | 1691.3 | 1702.5 | 1727.8 |
| 32.5° | 1704.2 | 1638.3 | 1631.2 | 1655.9 | 1684.2 |
| 35°   | 1665.9 | 1603.5 | 1587.0 | 1602.9 | 1645.3 |
| 37.5° | 1633.5 | 1555.2 | 1522.2 | 1543.4 | 1598.8 |
| 40°   | 1585.2 | 1517.5 | 1466.2 | 1485.1 | 1550.5 |
| 42.5° | 1527.5 | 1485.1 | 1406.2 | 1419.1 | 1493.9 |
| 45°   | 1469.2 | 1431.5 | 1347.8 | 1354.3 | 1443.3 |
| 47.5° | 1409.7 | 1374.9 | 1287.2 | 1288.3 | 1378.5 |
| 50°   | 1351.4 | 1305.4 | 1233.0 | 1212.3 | 1309.5 |
| 52.5° | 1275.4 | 1233.0 | 1178.2 | 1144.6 | 1244.2 |
| 55°   | 1203.5 | 1155.8 | 1115.7 | 1063.9 | 1169.9 |
| 57.5° | 1133.4 | 1080.4 | 1053.3 | 986.7  | 1085.7 |
| 60°   | 1037.4 | 1012.1 | 972.0  | 908.4  | 1009.7 |
| 62.5° | 939.0  | 930.8  | 890.1  | 824.1  | 916.0  |
| 65°   | 824.1  | 843.6  | 801.7  | 745.2  | 818.8  |
| 67.5° | 715.7  | 750.5  | 704.5  | 669.8  | 725.2  |
| 70°   | 600.3  | 640.3  | 614.4  | 602.0  | 625.6  |
| 72.5° | 486.6  | 525.5  | 527.8  | 519.0  | 526.6  |
| 75°   | 375.8  | 418.8  | 442.4  | 428.9  | 430.6  |
| 77.5° | 285.1  | 305.7  | 331.7  | 342.3  | 339.9  |
| 80°   | 176.1  | 212.1  | 233.3  | 255.1  | 247.4  |
| 82.5° | 89.0   | 119.0  | 144.9  | 168.5  | 157.3  |
| 85°   | 37.1   | 47.7   | 66.6   | 87.8   | 84.2   |
| 87.5° | 11.2   | 18.9   | 20.0   | 28.3   | 26.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)