

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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: CORELITE

Report Number: P933947

Luminaire Tested: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P933947
REPORT IS A COMBINATION OF REPORTS P933680 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

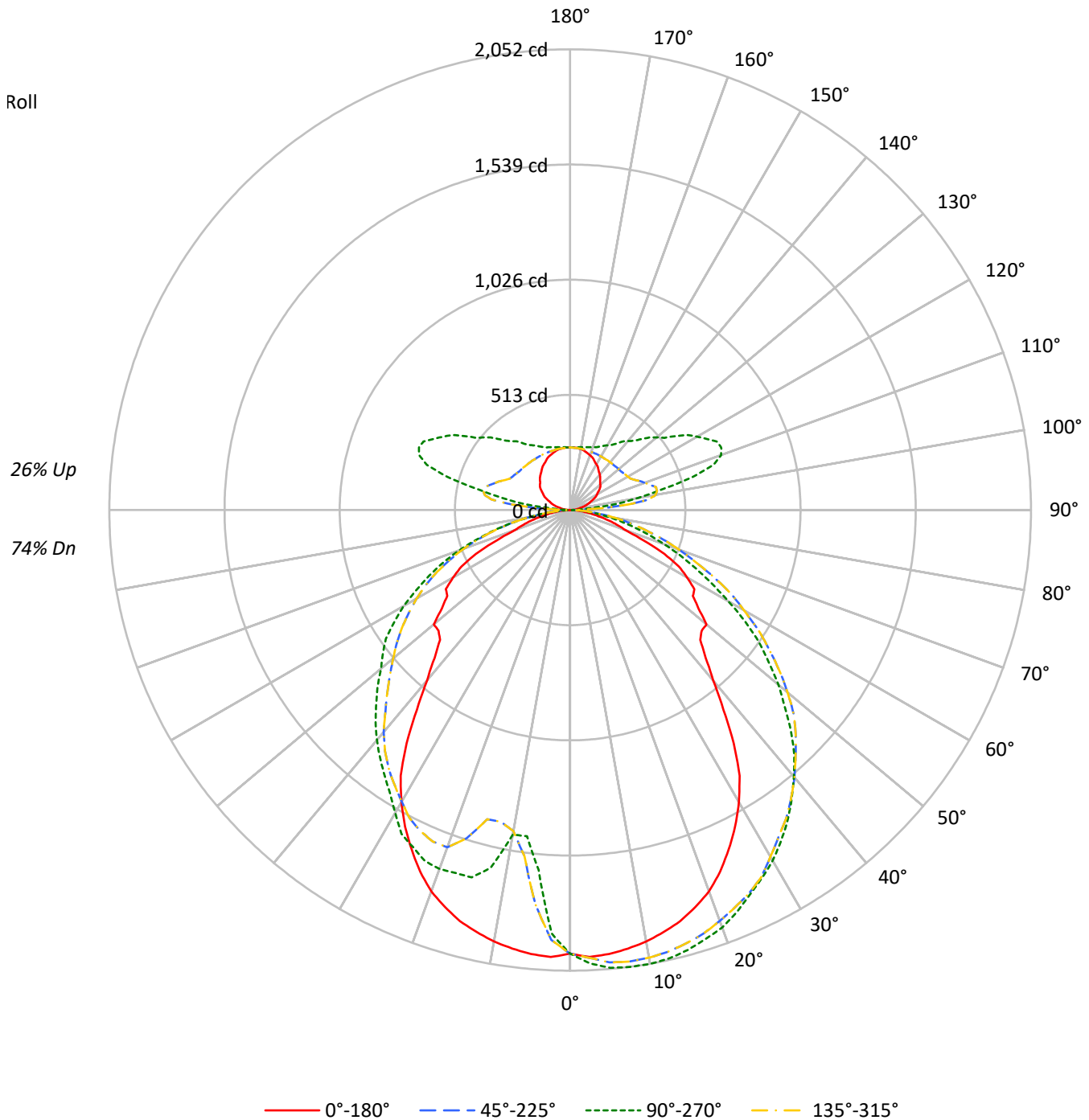
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6932.8 lumens
Efficiency: N/A
Efficacy: 115.5 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 60
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: P933947
CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-5000K

Luminous Intensity Polar Plot





TEST NUMBER: P933947

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-5000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | | | | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | | | 0 | |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | | | | |
| 0 | 113 | 113 | 113 | 113 | 107 | 107 | 107 | 107 | 97 | 97 | 97 | 87 | 87 | 87 | 78 | 78 | 78 | 74 | | | 74 |
| 1 | 103 | 99 | 95 | 91 | 98 | 94 | 90 | 87 | 85 | 82 | 80 | 77 | 75 | 73 | 69 | 68 | 66 | 62 | | | 62 |
| 2 | 94 | 86 | 80 | 75 | 89 | 82 | 77 | 72 | 75 | 70 | 66 | 68 | 64 | 61 | 61 | 58 | 56 | 52 | | | 52 |
| 3 | 86 | 76 | 68 | 62 | 81 | 72 | 66 | 60 | 66 | 60 | 56 | 60 | 55 | 52 | 54 | 51 | 48 | 44 | | | 44 |
| 4 | 79 | 67 | 59 | 53 | 74 | 64 | 57 | 51 | 59 | 52 | 48 | 53 | 48 | 44 | 48 | 44 | 41 | 38 | | | 38 |
| 5 | 72 | 60 | 52 | 45 | 68 | 57 | 50 | 44 | 52 | 46 | 41 | 48 | 42 | 38 | 43 | 39 | 36 | 33 | | | 33 |
| 6 | 67 | 54 | 46 | 39 | 63 | 52 | 44 | 38 | 47 | 41 | 36 | 43 | 38 | 34 | 39 | 35 | 31 | 29 | | | 29 |
| 7 | 62 | 49 | 41 | 35 | 58 | 47 | 39 | 34 | 43 | 36 | 32 | 39 | 34 | 30 | 36 | 31 | 28 | 26 | | | 26 |
| 8 | 57 | 44 | 36 | 31 | 54 | 43 | 35 | 30 | 39 | 33 | 28 | 36 | 31 | 27 | 33 | 28 | 25 | 23 | | | 23 |
| 9 | 53 | 41 | 33 | 28 | 51 | 39 | 32 | 27 | 36 | 30 | 25 | 33 | 28 | 24 | 30 | 26 | 23 | 21 | | | 21 |
| 10 | 50 | 37 | 30 | 25 | 48 | 36 | 29 | 24 | 33 | 27 | 23 | 31 | 25 | 22 | 28 | 24 | 20 | 19 | | | 19 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|------|------|------|
| 0° | 9167 | 9167 | 9167 | 9167 |
| 5° | 9236 | 9254 | 9236 | 7276 |
| 10° | 9174 | 9115 | 9174 | 6517 |
| 15° | 9074 | 8918 | 9074 | 7447 |
| 20° | 8884 | 8684 | 8884 | 7462 |
| 25° | 8496 | 8343 | 8496 | 7304 |
| 30° | 7994 | 8060 | 7994 | 6957 |
| 35° | 7126 | 7701 | 7126 | 6575 |
| 40° | 5939 | 7279 | 5939 | 6287 |
| 45° | 5306 | 6785 | 5306 | 5955 |
| 50° | 5637 | 6197 | 5637 | 5623 |
| 55° | 5304 | 5562 | 5304 | 5431 |
| 60° | 5468 | 4724 | 5468 | 4974 |
| 65° | 4957 | 3905 | 4957 | 4365 |
| 70° | 3432 | 3112 | 3432 | 3659 |
| 75° | 3009 | 2301 | 3009 | 2754 |
| 80° | 2425 | 1521 | 2425 | 1656 |
| 85° | 1393 | 806 | 1393 | 685 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8132 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 178.4 | 2.6 |
| 10°-20° | 506.4 | 7.3 |
| 20°-30° | 782.8 | 11.3 |
| 30°-40° | 934.5 | 13.5 |
| 40°-50° | 940.0 | 13.6 |
| 50°-60° | 817.9 | 11.8 |
| 60°-70° | 579.9 | 8.4 |
| 70°-80° | 306.8 | 4.4 |
| 80°-90° | 77.5 | 1.1 |
| 90°-100° | 136.0 | 2.0 |
| 100°-110° | 357.5 | 5.2 |
| 110°-120° | 370.7 | 5.3 |
| 120°-130° | 297.4 | 4.3 |
| 130°-140° | 233.3 | 3.4 |
| 140°-150° | 179.1 | 2.6 |
| 150°-160° | 129.0 | 1.9 |
| 160°-170° | 78.9 | 1.1 |
| 170°-180° | 26.7 | 0.4 |
| 0°-30° | 1467.6 | 21.2 |
| 0°-40° | 2402.1 | 34.6 |
| 0°-60° | 4160.0 | 60.0 |
| 0°-90° | 5124.2 | 73.9 |
| 90°-120° | 864.2 | 12.5 |
| 90°-150° | 1574.0 | 22.7 |
| 90°-180° | 1809.0 | 26.1 |
| 0°-180° | 6932.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1976 | 1976 | 1976 | 1976 | 1976 | |
| 5° | 1985 | 2047 | 1985 | 1610 | 1985 | 188 |
| 15° | 1896 | 2028 | 1896 | 1694 | 1896 | 533 |
| 25° | 1669 | 1892 | 1669 | 1656 | 1669 | 766 |
| 35° | 1269 | 1688 | 1269 | 1441 | 1269 | 785 |
| 45° | 819 | 1391 | 819 | 1221 | 819 | 656 |
| 55° | 667 | 1026 | 667 | 1002 | 667 | 613 |
| 65° | 464 | 619 | 464 | 692 | 464 | 443 |
| 75° | 176 | 294 | 176 | 351 | 176 | 185 |
| 85° | 30 | 75 | 30 | 64 | 30 | 40 |
| 90° | 2 | 7 | 2 | 7 | 2 | 3 |
| 95° | 18 | 82 | 18 | 82 | 18 | 20 |
| 105° | 64 | 560 | 64 | 560 | 64 | 68 |
| 115° | 114 | 721 | 114 | 721 | 114 | 113 |
| 125° | 159 | 574 | 159 | 574 | 159 | 141 |
| 135° | 190 | 445 | 190 | 445 | 190 | 147 |
| 145° | 220 | 361 | 220 | 361 | 220 | 138 |
| 155° | 249 | 311 | 249 | 311 | 249 | 114 |
| 165° | 268 | 290 | 268 | 290 | 268 | 76 |
| 175° | 279 | 281 | 279 | 281 | 279 | 26 |
| 180° | 279 | 279 | 279 | 279 | 279 | |



TEST NUMBER: P933947

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 |
| 2.5° | 1992.7 | 1992.7 | 2003.9 | 2007.7 | 2007.7 | 2002.0 | 1996.4 | 2002.0 | 2018.9 | 2024.5 | 2022.6 |
| 5° | 1985.2 | 2000.2 | 2020.7 | 2024.5 | 2028.2 | 2026.3 | 2022.6 | 2026.3 | 2045.0 | 2048.8 | 2050.7 |
| 7.5° | 1970.3 | 1998.3 | 2024.5 | 2030.1 | 2035.7 | 2030.1 | 2028.2 | 2032.0 | 2050.7 | 2054.4 | 2054.4 |
| 10° | 1951.6 | 1990.8 | 2020.7 | 2024.5 | 2030.1 | 2024.5 | 2024.5 | 2032.0 | 2050.7 | 2054.4 | 2056.3 |
| 12.5° | 1925.4 | 1979.6 | 2007.7 | 2011.4 | 2018.9 | 2017.0 | 2015.1 | 2022.6 | 2041.3 | 2045.0 | 2045.0 |
| 15° | 1895.5 | 1959.1 | 1985.2 | 1989.0 | 2002.0 | 1998.3 | 1998.3 | 2005.8 | 2026.3 | 2032.0 | 2030.1 |
| 17.5° | 1854.4 | 1932.9 | 1962.8 | 1968.4 | 1977.7 | 1975.9 | 1977.7 | 1985.2 | 2003.9 | 2007.7 | 2009.5 |
| 20° | 1807.6 | 1897.4 | 1932.9 | 1938.5 | 1947.8 | 1947.8 | 1947.8 | 1957.2 | 1975.9 | 1983.4 | 1983.4 |
| 22.5° | 1744.1 | 1860.0 | 1897.4 | 1901.1 | 1912.3 | 1912.3 | 1916.1 | 1929.1 | 1946.0 | 1947.8 | 1947.8 |
| 25° | 1669.3 | 1818.8 | 1850.6 | 1861.8 | 1873.1 | 1878.7 | 1884.3 | 1891.8 | 1897.4 | 1895.5 | 1897.4 |
| 27.5° | 1590.8 | 1766.5 | 1807.6 | 1815.1 | 1830.1 | 1835.7 | 1843.1 | 1845.0 | 1846.9 | 1852.5 | 1848.8 |
| 30° | 1502.9 | 1693.6 | 1755.3 | 1762.8 | 1787.1 | 1790.8 | 1783.3 | 1787.1 | 1796.4 | 1800.2 | 1803.9 |
| 32.5° | 1403.8 | 1585.2 | 1701.1 | 1717.9 | 1740.3 | 1729.1 | 1727.2 | 1732.9 | 1747.8 | 1747.8 | 1751.5 |
| 35° | 1269.2 | 1501.0 | 1650.6 | 1665.6 | 1682.4 | 1669.3 | 1676.8 | 1678.6 | 1688.0 | 1693.6 | 1691.7 |
| 37.5° | 1121.6 | 1428.1 | 1598.3 | 1609.5 | 1622.6 | 1605.7 | 1616.9 | 1622.6 | 1630.0 | 1626.3 | 1626.3 |
| 40° | 990.8 | 1314.1 | 1536.6 | 1544.0 | 1555.3 | 1542.2 | 1553.4 | 1557.1 | 1560.9 | 1557.1 | 1555.3 |
| 42.5° | 893.6 | 1188.9 | 1471.1 | 1480.5 | 1473.0 | 1482.4 | 1486.1 | 1493.6 | 1488.0 | 1480.5 | 1480.5 |
| 45° | 818.8 | 1155.2 | 1400.1 | 1411.3 | 1400.1 | 1415.1 | 1420.7 | 1420.7 | 1403.8 | 1400.1 | 1398.2 |
| 47.5° | 794.5 | 1088.0 | 1329.1 | 1329.1 | 1323.5 | 1342.1 | 1351.5 | 1338.4 | 1321.6 | 1316.0 | 1316.0 |
| 50° | 792.6 | 1013.2 | 1231.8 | 1224.4 | 1250.5 | 1273.0 | 1263.6 | 1250.5 | 1237.5 | 1216.9 | 1216.9 |
| 52.5° | 719.7 | 921.6 | 1106.7 | 1134.6 | 1175.8 | 1188.9 | 1173.9 | 1160.8 | 1138.4 | 1129.0 | 1121.6 |
| 55° | 667.4 | 826.3 | 992.7 | 1048.7 | 1091.7 | 1108.6 | 1080.5 | 1067.4 | 1033.8 | 1028.2 | 1024.4 |
| 57.5° | 656.2 | 687.9 | 888.0 | 959.0 | 1011.4 | 1009.5 | 992.7 | 968.4 | 940.3 | 934.7 | 932.8 |
| 60° | 602.0 | 497.3 | 775.8 | 859.9 | 914.1 | 908.5 | 893.6 | 871.1 | 845.0 | 841.2 | 837.5 |
| 62.5° | 545.9 | 360.8 | 648.7 | 744.0 | 820.7 | 818.8 | 805.7 | 772.1 | 753.4 | 744.0 | 736.5 |
| 65° | 463.6 | 302.8 | 461.7 | 618.8 | 729.1 | 732.8 | 704.8 | 680.5 | 659.9 | 648.7 | 646.8 |
| 67.5° | 353.3 | 246.8 | 312.2 | 516.0 | 641.2 | 637.5 | 602.0 | 590.7 | 564.6 | 559.0 | 547.7 |
| 70° | 261.7 | 164.5 | 216.9 | 418.7 | 555.2 | 545.9 | 517.8 | 504.7 | 480.4 | 467.4 | 459.9 |
| 72.5° | 216.9 | 132.7 | 158.9 | 325.3 | 467.4 | 456.1 | 431.8 | 416.9 | 396.3 | 385.1 | 377.6 |
| 75° | 175.7 | 140.2 | 121.5 | 241.2 | 379.5 | 372.0 | 349.6 | 334.6 | 317.8 | 302.8 | 304.7 |
| 77.5° | 129.0 | 130.9 | 97.2 | 177.6 | 301.0 | 289.8 | 276.7 | 258.0 | 250.5 | 235.5 | 235.5 |
| 80° | 97.2 | 102.8 | 72.9 | 121.5 | 216.9 | 216.9 | 205.6 | 192.5 | 179.5 | 172.0 | 172.0 |
| 82.5° | 65.4 | 65.4 | 54.2 | 76.6 | 147.7 | 142.1 | 134.6 | 130.9 | 123.4 | 119.6 | 119.6 |
| 85° | 29.9 | 37.4 | 33.6 | 46.7 | 80.4 | 84.1 | 84.1 | 80.4 | 78.5 | 74.8 | 76.6 |
| 87.5° | 9.3 | 16.8 | 20.6 | 26.2 | 41.1 | 43.0 | 44.9 | 44.9 | 44.9 | 46.7 | 46.7 |
| 90° | 1.9 | 3.4 | 4.9 | 5.2 | 8.2 | 12.2 | 14.2 | 12.6 | 9.4 | 7.1 | 7.1 |
| 92.5° | 7.5 | 20.2 | 33.0 | 36.2 | 50.8 | 70.4 | 80.1 | 70.2 | 50.5 | 35.6 | 34.2 |
| 95° | 17.9 | 41.2 | 64.6 | 70.4 | 125.0 | 197.8 | 234.2 | 209.0 | 158.6 | 120.8 | 116.5 |
| 97.5° | 31.1 | 51.7 | 72.2 | 77.3 | 168.3 | 289.8 | 350.5 | 334.6 | 302.8 | 278.8 | 270.7 |
| 100° | 41.2 | 59.8 | 78.4 | 83.1 | 184.1 | 318.8 | 386.2 | 387.4 | 389.8 | 391.5 | 381.8 |
| 102.5° | 49.8 | 67.2 | 84.6 | 88.9 | 191.4 | 328.1 | 396.4 | 416.7 | 457.3 | 487.7 | 479.4 |
| 105° | 64.4 | 79.2 | 93.9 | 97.6 | 196.8 | 329.1 | 395.3 | 440.8 | 531.8 | 600.1 | 595.6 |
| 107.5° | 79.4 | 93.1 | 106.8 | 110.3 | 197.8 | 314.4 | 372.8 | 436.2 | 563.3 | 658.5 | 659.6 |
| 110° | 89.5 | 101.9 | 114.3 | 117.4 | 196.3 | 301.4 | 354.1 | 425.0 | 567.0 | 673.5 | 678.1 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 99.5 | 111.2 | 123.0 | 126.0 | 196.4 | 290.1 | 337.1 | 409.7 | 554.9 | 663.9 | 671.1 |
| 115° | 114.4 | 125.3 | 136.2 | 138.9 | 198.2 | 277.1 | 316.6 | 386.6 | 526.6 | 631.6 | 641.5 |
| 117.5° | 129.2 | 139.1 | 149.0 | 151.5 | 201.9 | 269.0 | 302.6 | 365.8 | 492.0 | 586.8 | 597.8 |
| 120° | 137.8 | 147.1 | 156.5 | 158.8 | 204.9 | 266.3 | 297.0 | 354.6 | 470.1 | 556.6 | 567.3 |
| 122.5° | 146.2 | 155.6 | 165.1 | 167.4 | 209.2 | 264.8 | 292.7 | 344.6 | 448.6 | 526.5 | 537.1 |
| 125° | 159.2 | 167.8 | 176.3 | 178.4 | 215.0 | 263.7 | 288.0 | 332.1 | 420.4 | 486.6 | 496.3 |
| 127.5° | 169.6 | 178.2 | 186.9 | 189.1 | 220.8 | 262.9 | 284.1 | 322.0 | 397.8 | 454.6 | 462.9 |
| 130° | 175.3 | 184.6 | 193.9 | 196.2 | 225.0 | 263.4 | 282.6 | 316.3 | 383.8 | 434.4 | 441.9 |
| 132.5° | 181.1 | 190.4 | 199.7 | 202.0 | 228.4 | 263.7 | 281.3 | 311.4 | 371.8 | 417.2 | 424.0 |
| 135° | 189.7 | 198.2 | 206.7 | 208.8 | 232.2 | 263.4 | 279.0 | 304.3 | 354.9 | 392.9 | 398.7 |
| 137.5° | 198.4 | 206.9 | 215.3 | 217.4 | 237.8 | 265.0 | 278.6 | 300.0 | 342.8 | 374.8 | 379.6 |
| 140° | 205.7 | 213.5 | 221.2 | 223.2 | 241.2 | 265.3 | 277.3 | 295.8 | 332.8 | 360.4 | 364.9 |
| 142.5° | 211.4 | 218.5 | 225.7 | 227.5 | 244.1 | 266.3 | 277.3 | 293.6 | 326.0 | 350.3 | 354.2 |
| 145° | 220.0 | 226.3 | 232.5 | 234.1 | 247.9 | 266.3 | 275.5 | 288.7 | 315.3 | 335.2 | 338.1 |
| 147.5° | 228.6 | 234.7 | 240.8 | 242.3 | 253.3 | 268.1 | 275.5 | 285.9 | 306.8 | 322.4 | 324.8 |
| 150° | 234.2 | 239.8 | 245.2 | 246.6 | 256.2 | 269.0 | 275.5 | 284.2 | 301.9 | 315.1 | 317.1 |
| 152.5° | 240.0 | 244.1 | 248.4 | 249.4 | 258.1 | 269.7 | 275.5 | 282.9 | 298.0 | 309.3 | 310.8 |
| 155° | 248.6 | 251.7 | 254.8 | 255.5 | 262.2 | 271.1 | 275.5 | 281.4 | 293.4 | 302.4 | 303.3 |
| 157.5° | 255.0 | 258.0 | 261.0 | 261.7 | 266.3 | 272.4 | 275.5 | 280.1 | 289.4 | 296.4 | 297.0 |
| 160° | 259.3 | 261.6 | 264.0 | 264.5 | 268.2 | 273.0 | 275.5 | 279.5 | 287.4 | 293.4 | 293.8 |
| 162.5° | 263.6 | 265.4 | 267.0 | 267.5 | 270.1 | 273.7 | 275.5 | 278.8 | 285.6 | 290.6 | 291.0 |
| 165° | 268.4 | 269.9 | 271.5 | 271.9 | 273.1 | 274.7 | 275.5 | 277.9 | 282.7 | 286.3 | 286.7 |
| 167.5° | 272.7 | 273.4 | 274.1 | 274.3 | 275.4 | 276.7 | 277.3 | 278.9 | 282.1 | 284.4 | 284.6 |
| 170° | 275.5 | 276.2 | 277.0 | 277.1 | 277.2 | 277.3 | 277.3 | 278.9 | 282.1 | 284.4 | 284.4 |
| 172.5° | 277.0 | 277.1 | 277.3 | 277.3 | 277.3 | 277.3 | 277.3 | 278.5 | 281.1 | 282.9 | 282.7 |
| 175° | 279.0 | 279.0 | 279.0 | 279.0 | 278.4 | 277.7 | 277.3 | 278.1 | 279.7 | 280.9 | 280.9 |
| 177.5° | 279.0 | 279.0 | 279.0 | 279.0 | 278.5 | 278.0 | 277.7 | 278.4 | 279.6 | 280.5 | 280.3 |
| 180° | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 |



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CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 |
| 2.5° | 2026.3 | 2020.7 | 2026.3 | 2022.6 | 2024.5 | 2018.9 | 2002.0 | 1996.4 | 2002.0 | 2007.7 | 2007.7 |
| 5° | 2050.7 | 2046.9 | 2050.7 | 2050.7 | 2048.8 | 2045.0 | 2026.3 | 2022.6 | 2026.3 | 2028.2 | 2024.5 |
| 7.5° | 2058.1 | 2052.5 | 2058.1 | 2054.4 | 2054.4 | 2050.7 | 2032.0 | 2028.2 | 2030.1 | 2035.7 | 2030.1 |
| 10° | 2058.1 | 2052.5 | 2058.1 | 2056.3 | 2054.4 | 2050.7 | 2032.0 | 2024.5 | 2024.5 | 2030.1 | 2024.5 |
| 12.5° | 2048.8 | 2045.0 | 2048.8 | 2045.0 | 2045.0 | 2041.3 | 2022.6 | 2015.1 | 2017.0 | 2018.9 | 2011.4 |
| 15° | 2033.8 | 2028.2 | 2033.8 | 2030.1 | 2032.0 | 2026.3 | 2005.8 | 1998.3 | 1998.3 | 2002.0 | 1989.0 |
| 17.5° | 2011.4 | 2003.9 | 2011.4 | 2009.5 | 2007.7 | 2003.9 | 1985.2 | 1977.7 | 1975.9 | 1977.7 | 1968.4 |
| 20° | 1985.2 | 1979.6 | 1985.2 | 1983.4 | 1983.4 | 1975.9 | 1957.2 | 1947.8 | 1947.8 | 1947.8 | 1938.5 |
| 22.5° | 1944.1 | 1938.5 | 1944.1 | 1947.8 | 1947.8 | 1946.0 | 1929.1 | 1916.1 | 1912.3 | 1912.3 | 1901.1 |
| 25° | 1897.4 | 1891.8 | 1897.4 | 1897.4 | 1895.5 | 1897.4 | 1891.8 | 1884.3 | 1878.7 | 1873.1 | 1861.8 |
| 27.5° | 1852.5 | 1848.8 | 1852.5 | 1848.8 | 1852.5 | 1846.9 | 1845.0 | 1843.1 | 1835.7 | 1830.1 | 1815.1 |
| 30° | 1807.6 | 1803.9 | 1807.6 | 1803.9 | 1800.2 | 1796.4 | 1787.1 | 1783.3 | 1790.8 | 1787.1 | 1762.8 |
| 32.5° | 1751.5 | 1747.8 | 1751.5 | 1751.5 | 1747.8 | 1747.8 | 1732.9 | 1727.2 | 1729.1 | 1740.3 | 1717.9 |
| 35° | 1693.6 | 1688.0 | 1693.6 | 1691.7 | 1693.6 | 1688.0 | 1678.6 | 1676.8 | 1669.3 | 1682.4 | 1665.6 |
| 37.5° | 1626.3 | 1620.7 | 1626.3 | 1626.3 | 1626.3 | 1630.0 | 1622.6 | 1616.9 | 1605.7 | 1622.6 | 1609.5 |
| 40° | 1557.1 | 1549.6 | 1557.1 | 1555.3 | 1557.1 | 1560.9 | 1557.1 | 1553.4 | 1542.2 | 1555.3 | 1544.0 |
| 42.5° | 1478.6 | 1476.7 | 1478.6 | 1480.5 | 1480.5 | 1488.0 | 1493.6 | 1486.1 | 1482.4 | 1473.0 | 1480.5 |
| 45° | 1394.5 | 1390.7 | 1394.5 | 1398.2 | 1400.1 | 1403.8 | 1420.7 | 1420.7 | 1415.1 | 1400.1 | 1411.3 |
| 47.5° | 1304.8 | 1295.4 | 1304.8 | 1316.0 | 1316.0 | 1321.6 | 1338.4 | 1351.5 | 1342.1 | 1323.5 | 1329.1 |
| 50° | 1209.4 | 1211.3 | 1209.4 | 1216.9 | 1216.9 | 1237.5 | 1250.5 | 1263.6 | 1273.0 | 1250.5 | 1224.4 |
| 52.5° | 1115.9 | 1114.2 | 1115.9 | 1121.6 | 1129.0 | 1138.4 | 1160.8 | 1173.9 | 1188.9 | 1175.8 | 1134.6 |
| 55° | 1022.6 | 1026.3 | 1022.6 | 1024.4 | 1028.2 | 1033.8 | 1067.4 | 1080.5 | 1108.6 | 1091.7 | 1048.7 |
| 57.5° | 929.1 | 923.5 | 929.1 | 932.8 | 934.7 | 940.3 | 968.4 | 992.7 | 1009.5 | 1011.4 | 959.0 |
| 60° | 820.7 | 813.2 | 820.7 | 837.5 | 841.2 | 845.0 | 871.1 | 893.6 | 908.5 | 914.1 | 859.9 |
| 62.5° | 725.3 | 712.2 | 725.3 | 736.5 | 744.0 | 753.4 | 772.1 | 805.7 | 818.8 | 820.7 | 744.0 |
| 65° | 624.4 | 618.8 | 624.4 | 646.8 | 648.7 | 659.9 | 680.5 | 704.8 | 732.8 | 729.1 | 618.8 |
| 67.5° | 532.8 | 532.8 | 532.8 | 547.7 | 559.0 | 564.6 | 590.7 | 602.0 | 637.5 | 641.2 | 516.0 |
| 70° | 448.7 | 446.8 | 448.7 | 459.9 | 467.4 | 480.4 | 504.7 | 517.8 | 545.9 | 555.2 | 418.7 |
| 72.5° | 368.3 | 366.4 | 368.3 | 377.6 | 385.1 | 396.3 | 416.9 | 431.8 | 456.1 | 467.4 | 325.3 |
| 75° | 297.2 | 293.5 | 297.2 | 304.7 | 302.8 | 317.8 | 334.6 | 349.6 | 372.0 | 379.5 | 241.2 |
| 77.5° | 228.1 | 228.1 | 228.1 | 235.5 | 235.5 | 250.5 | 258.0 | 276.7 | 289.8 | 301.0 | 177.6 |
| 80° | 170.1 | 168.2 | 170.1 | 172.0 | 172.0 | 179.5 | 192.5 | 205.6 | 216.9 | 216.9 | 121.5 |
| 82.5° | 119.6 | 115.9 | 119.6 | 119.6 | 119.6 | 123.4 | 130.9 | 134.6 | 142.1 | 147.7 | 76.6 |
| 85° | 74.8 | 74.8 | 74.8 | 76.6 | 74.8 | 78.5 | 80.4 | 84.1 | 84.1 | 80.4 | 46.7 |
| 87.5° | 48.6 | 46.7 | 48.6 | 46.7 | 46.7 | 44.9 | 44.9 | 44.9 | 43.0 | 41.1 | 26.2 |
| 90° | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 9.4 | 12.6 | 14.2 | 12.2 | 8.2 | 5.2 |
| 92.5° | 28.5 | 22.8 | 28.5 | 34.2 | 35.6 | 50.5 | 70.2 | 80.1 | 70.4 | 50.8 | 36.2 |
| 95° | 99.4 | 82.2 | 99.4 | 116.5 | 120.8 | 158.6 | 209.0 | 234.2 | 197.8 | 125.0 | 70.4 |
| 97.5° | 238.0 | 205.4 | 238.0 | 270.7 | 278.8 | 302.8 | 334.6 | 350.5 | 289.8 | 168.3 | 77.3 |
| 100° | 342.9 | 304.1 | 342.9 | 381.8 | 391.5 | 389.8 | 387.4 | 386.2 | 318.8 | 184.1 | 83.1 |
| 102.5° | 446.1 | 412.9 | 446.1 | 479.4 | 487.7 | 457.3 | 416.7 | 396.4 | 328.1 | 191.4 | 88.9 |
| 105° | 577.7 | 559.8 | 577.7 | 595.6 | 600.1 | 531.8 | 440.8 | 395.3 | 329.1 | 196.8 | 97.6 |
| 107.5° | 663.9 | 668.2 | 663.9 | 659.6 | 658.5 | 563.3 | 436.2 | 372.8 | 314.4 | 197.8 | 110.3 |
| 110° | 696.7 | 715.4 | 696.7 | 678.1 | 673.5 | 567.0 | 425.0 | 354.1 | 301.4 | 196.3 | 117.4 |



TEST NUMBER: P933947

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|--------|
| 112.5° | 699.7 | 728.3 | 699.7 | 671.1 | 663.9 | 554.9 | 409.7 | 337.1 | 290.1 | 196.4 | 126.0 |
| 115° | 681.2 | 720.8 | 681.2 | 641.5 | 631.6 | 526.6 | 386.6 | 316.6 | 277.1 | 198.2 | 138.9 |
| 117.5° | 641.9 | 685.9 | 641.9 | 597.8 | 586.8 | 492.0 | 365.8 | 302.6 | 269.0 | 201.9 | 151.5 |
| 120° | 610.1 | 652.9 | 610.1 | 567.3 | 556.6 | 470.1 | 354.6 | 297.0 | 266.3 | 204.9 | 158.8 |
| 122.5° | 579.2 | 621.4 | 579.2 | 537.1 | 526.5 | 448.6 | 344.6 | 292.7 | 264.8 | 209.2 | 167.4 |
| 125° | 535.2 | 574.1 | 535.2 | 496.3 | 486.6 | 420.4 | 332.1 | 288.0 | 263.7 | 215.0 | 178.4 |
| 127.5° | 495.6 | 528.4 | 495.6 | 462.9 | 454.6 | 397.8 | 322.0 | 284.1 | 262.9 | 220.8 | 189.1 |
| 130° | 472.2 | 502.5 | 472.2 | 441.9 | 434.4 | 383.8 | 316.3 | 282.6 | 263.4 | 225.0 | 196.2 |
| 132.5° | 451.1 | 478.2 | 451.1 | 424.0 | 417.2 | 371.8 | 311.4 | 281.3 | 263.7 | 228.4 | 202.0 |
| 135° | 422.0 | 445.4 | 422.0 | 398.7 | 392.9 | 354.9 | 304.3 | 279.0 | 263.4 | 232.2 | 208.8 |
| 137.5° | 398.7 | 417.9 | 398.7 | 379.6 | 374.8 | 342.8 | 300.0 | 278.6 | 265.0 | 237.8 | 217.4 |
| 140° | 382.8 | 400.7 | 382.8 | 364.9 | 360.4 | 332.8 | 295.8 | 277.3 | 265.3 | 241.2 | 223.2 |
| 142.5° | 369.6 | 384.9 | 369.6 | 354.2 | 350.3 | 326.0 | 293.6 | 277.3 | 266.3 | 244.1 | 227.5 |
| 145° | 349.8 | 361.4 | 349.8 | 338.1 | 335.2 | 315.3 | 288.7 | 275.5 | 266.3 | 247.9 | 234.1 |
| 147.5° | 334.4 | 344.2 | 334.4 | 324.8 | 322.4 | 306.8 | 285.9 | 275.5 | 268.1 | 253.3 | 242.3 |
| 150° | 324.9 | 332.8 | 324.9 | 317.1 | 315.1 | 301.9 | 284.2 | 275.5 | 269.0 | 256.2 | 246.6 |
| 152.5° | 316.7 | 322.6 | 316.7 | 310.8 | 309.3 | 298.0 | 282.9 | 275.5 | 269.7 | 258.1 | 249.4 |
| 155° | 307.2 | 311.2 | 307.2 | 303.3 | 302.4 | 293.4 | 281.4 | 275.5 | 271.1 | 262.2 | 255.5 |
| 157.5° | 299.9 | 302.6 | 299.9 | 297.0 | 296.4 | 289.4 | 280.1 | 275.5 | 272.4 | 266.3 | 261.7 |
| 160° | 295.4 | 297.0 | 295.4 | 293.8 | 293.4 | 287.4 | 279.5 | 275.5 | 273.0 | 268.2 | 264.5 |
| 162.5° | 292.5 | 294.0 | 292.5 | 291.0 | 290.6 | 285.6 | 278.8 | 275.5 | 273.7 | 270.1 | 267.5 |
| 165° | 288.3 | 289.9 | 288.3 | 286.7 | 286.3 | 282.7 | 277.9 | 275.5 | 274.7 | 273.1 | 271.9 |
| 167.5° | 285.3 | 285.9 | 285.3 | 284.6 | 284.4 | 282.1 | 278.9 | 277.3 | 276.7 | 275.4 | 274.3 |
| 170° | 284.4 | 284.4 | 284.4 | 284.4 | 284.4 | 282.1 | 278.9 | 277.3 | 277.3 | 277.2 | 277.1 |
| 172.5° | 282.2 | 281.6 | 282.2 | 282.7 | 282.9 | 281.1 | 278.5 | 277.3 | 277.3 | 277.3 | 277.3 |
| 175° | 280.9 | 280.9 | 280.9 | 280.9 | 280.9 | 279.7 | 278.1 | 277.3 | 277.7 | 278.4 | 279.0 |
| 177.5° | 279.7 | 279.0 | 279.7 | 280.3 | 280.5 | 279.6 | 278.4 | 277.7 | 278.0 | 278.5 | 279.0 |
| 180° | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 |



TEST NUMBER: P933947

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 |
| 2.5° | 2003.9 | 1992.7 | 1992.7 | 1974.0 | 1966.5 | 1960.9 | 1951.6 | 1923.5 | 1916.1 | 1908.6 | 1919.8 |
| 5° | 2020.7 | 2000.2 | 1985.2 | 1951.6 | 1923.5 | 1912.3 | 1876.8 | 1809.5 | 1764.6 | 1731.0 | 1712.3 |
| 7.5° | 2024.5 | 1998.3 | 1970.3 | 1917.9 | 1850.6 | 1820.7 | 1712.3 | 1588.9 | 1555.3 | 1525.3 | 1506.7 |
| 10° | 2020.7 | 1990.8 | 1951.6 | 1873.1 | 1714.2 | 1661.8 | 1553.4 | 1473.0 | 1452.4 | 1446.8 | 1452.4 |
| 12.5° | 2007.7 | 1979.6 | 1925.4 | 1794.5 | 1572.1 | 1536.6 | 1473.0 | 1426.3 | 1422.5 | 1431.9 | 1482.4 |
| 15° | 1985.2 | 1959.1 | 1895.5 | 1689.9 | 1493.6 | 1467.4 | 1422.5 | 1405.7 | 1426.3 | 1491.7 | 1643.1 |
| 17.5° | 1962.8 | 1932.9 | 1854.4 | 1587.0 | 1433.7 | 1415.1 | 1383.3 | 1416.9 | 1532.8 | 1620.7 | 1671.2 |
| 20° | 1932.9 | 1897.4 | 1807.6 | 1512.3 | 1390.7 | 1373.9 | 1359.0 | 1510.4 | 1598.3 | 1630.0 | 1658.1 |
| 22.5° | 1897.4 | 1860.0 | 1744.1 | 1459.9 | 1345.9 | 1332.8 | 1342.1 | 1562.7 | 1598.3 | 1620.7 | 1645.0 |
| 25° | 1850.6 | 1818.8 | 1669.3 | 1418.8 | 1310.4 | 1295.4 | 1330.9 | 1557.1 | 1577.7 | 1583.3 | 1631.9 |
| 27.5° | 1807.6 | 1766.5 | 1590.8 | 1381.4 | 1267.4 | 1261.8 | 1340.3 | 1532.8 | 1547.8 | 1553.4 | 1605.7 |
| 30° | 1755.3 | 1693.6 | 1502.9 | 1342.1 | 1222.5 | 1220.6 | 1342.1 | 1502.9 | 1499.2 | 1514.1 | 1566.5 |
| 32.5° | 1701.1 | 1585.2 | 1403.8 | 1293.5 | 1179.5 | 1177.6 | 1329.1 | 1458.0 | 1454.3 | 1474.9 | 1514.1 |
| 35° | 1650.6 | 1501.0 | 1269.2 | 1237.5 | 1125.3 | 1127.2 | 1297.3 | 1405.7 | 1407.6 | 1426.3 | 1450.6 |
| 37.5° | 1598.3 | 1428.1 | 1121.6 | 1175.8 | 1073.0 | 1073.0 | 1254.3 | 1357.1 | 1353.4 | 1359.0 | 1392.6 |
| 40° | 1536.6 | 1314.1 | 990.8 | 1095.5 | 1024.4 | 1018.8 | 1201.9 | 1304.8 | 1291.7 | 1289.8 | 1336.5 |
| 42.5° | 1471.1 | 1188.9 | 893.6 | 988.9 | 968.4 | 960.9 | 1138.4 | 1241.2 | 1216.9 | 1222.5 | 1282.3 |
| 45° | 1400.1 | 1155.2 | 818.8 | 835.6 | 910.4 | 904.8 | 1069.3 | 1168.3 | 1151.5 | 1166.4 | 1228.1 |
| 47.5° | 1329.1 | 1088.0 | 794.5 | 693.6 | 848.7 | 846.8 | 992.7 | 1097.3 | 1088.0 | 1103.0 | 1168.3 |
| 50° | 1231.8 | 1013.2 | 792.6 | 594.5 | 779.5 | 787.0 | 901.1 | 1028.2 | 1028.2 | 1041.3 | 1110.4 |
| 52.5° | 1106.7 | 921.6 | 719.7 | 538.4 | 699.2 | 721.6 | 820.7 | 968.4 | 972.1 | 985.2 | 1046.9 |
| 55° | 992.7 | 826.3 | 667.4 | 495.4 | 603.8 | 652.4 | 742.2 | 906.7 | 914.1 | 927.2 | 983.3 |
| 57.5° | 888.0 | 687.9 | 656.2 | 444.9 | 516.0 | 562.7 | 673.0 | 846.8 | 850.6 | 861.8 | 916.0 |
| 60° | 775.8 | 497.3 | 602.0 | 390.7 | 439.3 | 474.8 | 609.4 | 775.8 | 788.9 | 796.4 | 843.1 |
| 62.5° | 648.7 | 360.8 | 545.9 | 353.3 | 401.9 | 409.4 | 557.1 | 708.5 | 725.3 | 730.9 | 759.0 |
| 65° | 461.7 | 302.8 | 463.6 | 321.5 | 362.7 | 364.5 | 501.0 | 639.3 | 654.3 | 663.6 | 684.2 |
| 67.5° | 312.2 | 246.8 | 353.3 | 291.6 | 332.8 | 334.6 | 446.8 | 559.0 | 579.5 | 587.0 | 600.1 |
| 70° | 216.9 | 164.5 | 261.7 | 259.8 | 299.1 | 302.8 | 388.8 | 486.0 | 504.7 | 510.3 | 517.8 |
| 72.5° | 158.9 | 132.7 | 216.9 | 233.7 | 263.6 | 267.3 | 329.0 | 403.8 | 422.5 | 428.1 | 431.8 |
| 75° | 121.5 | 140.2 | 175.7 | 203.8 | 224.3 | 226.2 | 269.2 | 329.0 | 342.1 | 345.8 | 347.7 |
| 77.5° | 97.2 | 130.9 | 129.0 | 164.5 | 183.2 | 179.5 | 211.2 | 254.2 | 265.5 | 265.5 | 265.5 |
| 80° | 72.9 | 102.8 | 97.2 | 117.8 | 134.6 | 130.9 | 151.4 | 181.3 | 185.1 | 188.8 | 186.9 |
| 82.5° | 54.2 | 65.4 | 65.4 | 74.8 | 89.7 | 86.0 | 100.9 | 117.8 | 117.8 | 117.8 | 121.5 |
| 85° | 33.6 | 37.4 | 29.9 | 39.3 | 50.5 | 48.6 | 56.1 | 63.6 | 65.4 | 65.4 | 61.7 |
| 87.5° | 20.6 | 16.8 | 9.3 | 15.0 | 22.4 | 22.4 | 26.2 | 28.0 | 26.2 | 26.2 | 26.2 |
| 90° | 4.9 | 3.4 | 1.9 | 3.4 | 4.9 | 5.2 | 8.2 | 12.2 | 14.2 | 12.6 | 9.4 |
| 92.5° | 33.0 | 20.2 | 7.5 | 20.2 | 33.0 | 36.2 | 50.8 | 70.4 | 80.1 | 70.2 | 50.5 |
| 95° | 64.6 | 41.2 | 17.9 | 41.2 | 64.6 | 70.4 | 125.0 | 197.8 | 234.2 | 209.0 | 158.6 |
| 97.5° | 72.2 | 51.7 | 31.1 | 51.7 | 72.2 | 77.3 | 168.3 | 289.8 | 350.5 | 334.6 | 302.8 |
| 100° | 78.4 | 59.8 | 41.2 | 59.8 | 78.4 | 83.1 | 184.1 | 318.8 | 386.2 | 387.4 | 389.8 |
| 102.5° | 84.6 | 67.2 | 49.8 | 67.2 | 84.6 | 88.9 | 191.4 | 328.1 | 396.4 | 416.7 | 457.3 |
| 105° | 93.9 | 79.2 | 64.4 | 79.2 | 93.9 | 97.6 | 196.8 | 329.1 | 395.3 | 440.8 | 531.8 |
| 107.5° | 106.8 | 93.1 | 79.4 | 93.1 | 106.8 | 110.3 | 197.8 | 314.4 | 372.8 | 436.2 | 563.3 |
| 110° | 114.3 | 101.9 | 89.5 | 101.9 | 114.3 | 117.4 | 196.3 | 301.4 | 354.1 | 425.0 | 567.0 |



TEST NUMBER: P933947

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 112.5° | 123.0 | 111.2 | 99.5 | 111.2 | 123.0 | 126.0 | 196.4 | 290.1 | 337.1 | 409.7 | 554.9 |
| 115° | 136.2 | 125.3 | 114.4 | 125.3 | 136.2 | 138.9 | 198.2 | 277.1 | 316.6 | 386.6 | 526.6 |
| 117.5° | 149.0 | 139.1 | 129.2 | 139.1 | 149.0 | 151.5 | 201.9 | 269.0 | 302.6 | 365.8 | 492.0 |
| 120° | 156.5 | 147.1 | 137.8 | 147.1 | 156.5 | 158.8 | 204.9 | 266.3 | 297.0 | 354.6 | 470.1 |
| 122.5° | 165.1 | 155.6 | 146.2 | 155.6 | 165.1 | 167.4 | 209.2 | 264.8 | 292.7 | 344.6 | 448.6 |
| 125° | 176.3 | 167.8 | 159.2 | 167.8 | 176.3 | 178.4 | 215.0 | 263.7 | 288.0 | 332.1 | 420.4 |
| 127.5° | 186.9 | 178.2 | 169.6 | 178.2 | 186.9 | 189.1 | 220.8 | 262.9 | 284.1 | 322.0 | 397.8 |
| 130° | 193.9 | 184.6 | 175.3 | 184.6 | 193.9 | 196.2 | 225.0 | 263.4 | 282.6 | 316.3 | 383.8 |
| 132.5° | 199.7 | 190.4 | 181.1 | 190.4 | 199.7 | 202.0 | 228.4 | 263.7 | 281.3 | 311.4 | 371.8 |
| 135° | 206.7 | 198.2 | 189.7 | 198.2 | 206.7 | 208.8 | 232.2 | 263.4 | 279.0 | 304.3 | 354.9 |
| 137.5° | 215.3 | 206.9 | 198.4 | 206.9 | 215.3 | 217.4 | 237.8 | 265.0 | 278.6 | 300.0 | 342.8 |
| 140° | 221.2 | 213.5 | 205.7 | 213.5 | 221.2 | 223.2 | 241.2 | 265.3 | 277.3 | 295.8 | 332.8 |
| 142.5° | 225.7 | 218.5 | 211.4 | 218.5 | 225.7 | 227.5 | 244.1 | 266.3 | 277.3 | 293.6 | 326.0 |
| 145° | 232.5 | 226.3 | 220.0 | 226.3 | 232.5 | 234.1 | 247.9 | 266.3 | 275.5 | 288.7 | 315.3 |
| 147.5° | 240.8 | 234.7 | 228.6 | 234.7 | 240.8 | 242.3 | 253.3 | 268.1 | 275.5 | 285.9 | 306.8 |
| 150° | 245.2 | 239.8 | 234.2 | 239.8 | 245.2 | 246.6 | 256.2 | 269.0 | 275.5 | 284.2 | 301.9 |
| 152.5° | 248.4 | 244.1 | 240.0 | 244.1 | 248.4 | 249.4 | 258.1 | 269.7 | 275.5 | 282.9 | 298.0 |
| 155° | 254.8 | 251.7 | 248.6 | 251.7 | 254.8 | 255.5 | 262.2 | 271.1 | 275.5 | 281.4 | 293.4 |
| 157.5° | 261.0 | 258.0 | 255.0 | 258.0 | 261.0 | 261.7 | 266.3 | 272.4 | 275.5 | 280.1 | 289.4 |
| 160° | 264.0 | 261.6 | 259.3 | 261.6 | 264.0 | 264.5 | 268.2 | 273.0 | 275.5 | 279.5 | 287.4 |
| 162.5° | 267.0 | 265.4 | 263.6 | 265.4 | 267.0 | 267.5 | 270.1 | 273.7 | 275.5 | 278.8 | 285.6 |
| 165° | 271.5 | 269.9 | 268.4 | 269.9 | 271.5 | 271.9 | 273.1 | 274.7 | 275.5 | 277.9 | 282.7 |
| 167.5° | 274.1 | 273.4 | 272.7 | 273.4 | 274.1 | 274.3 | 275.4 | 276.7 | 277.3 | 278.9 | 282.1 |
| 170° | 277.0 | 276.2 | 275.5 | 276.2 | 277.0 | 277.1 | 277.2 | 277.3 | 277.3 | 278.9 | 282.1 |
| 172.5° | 277.3 | 277.1 | 277.0 | 277.1 | 277.3 | 277.3 | 277.3 | 277.3 | 277.3 | 278.5 | 281.1 |
| 175° | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 278.4 | 277.7 | 277.3 | 278.1 | 279.7 |
| 177.5° | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 278.5 | 278.0 | 277.7 | 278.4 | 279.6 |
| 180° | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 |



TEST NUMBER: P933947

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 |
| 2.5° | 1906.7 | 1901.1 | 1908.6 | 1888.0 | 1908.6 | 1901.1 | 1906.7 | 1919.8 | 1908.6 | 1916.1 | 1923.5 |
| 5° | 1673.0 | 1663.7 | 1633.8 | 1609.5 | 1633.8 | 1663.7 | 1673.0 | 1712.3 | 1731.0 | 1764.6 | 1809.5 |
| 7.5° | 1495.4 | 1488.0 | 1480.5 | 1465.5 | 1480.5 | 1488.0 | 1495.4 | 1506.7 | 1525.3 | 1555.3 | 1588.9 |
| 10° | 1456.2 | 1458.0 | 1469.3 | 1467.4 | 1469.3 | 1458.0 | 1456.2 | 1452.4 | 1446.8 | 1452.4 | 1473.0 |
| 12.5° | 1557.1 | 1574.0 | 1635.6 | 1631.9 | 1635.6 | 1574.0 | 1557.1 | 1482.4 | 1431.9 | 1422.5 | 1426.3 |
| 15° | 1673.0 | 1678.6 | 1691.7 | 1693.6 | 1691.7 | 1678.6 | 1673.0 | 1643.1 | 1491.7 | 1426.3 | 1405.7 |
| 17.5° | 1684.2 | 1686.1 | 1695.5 | 1695.5 | 1695.5 | 1686.1 | 1684.2 | 1671.2 | 1620.7 | 1532.8 | 1416.9 |
| 20° | 1674.9 | 1678.6 | 1697.3 | 1701.1 | 1697.3 | 1678.6 | 1674.9 | 1658.1 | 1630.0 | 1598.3 | 1510.4 |
| 22.5° | 1671.2 | 1678.6 | 1693.6 | 1691.7 | 1693.6 | 1678.6 | 1671.2 | 1645.0 | 1620.7 | 1598.3 | 1562.7 |
| 25° | 1652.5 | 1652.5 | 1654.3 | 1656.2 | 1654.3 | 1652.5 | 1652.5 | 1631.9 | 1583.3 | 1577.7 | 1557.1 |
| 27.5° | 1613.2 | 1616.9 | 1628.2 | 1626.3 | 1628.2 | 1616.9 | 1613.2 | 1605.7 | 1553.4 | 1547.8 | 1532.8 |
| 30° | 1577.7 | 1574.0 | 1564.6 | 1557.1 | 1564.6 | 1574.0 | 1577.7 | 1566.5 | 1514.1 | 1499.2 | 1502.9 |
| 32.5° | 1517.9 | 1508.5 | 1499.2 | 1493.6 | 1499.2 | 1508.5 | 1517.9 | 1514.1 | 1474.9 | 1454.3 | 1458.0 |
| 35° | 1446.8 | 1448.7 | 1446.8 | 1441.2 | 1446.8 | 1448.7 | 1446.8 | 1450.6 | 1426.3 | 1407.6 | 1405.7 |
| 37.5° | 1396.4 | 1400.1 | 1398.2 | 1390.7 | 1398.2 | 1400.1 | 1396.4 | 1392.6 | 1359.0 | 1353.4 | 1357.1 |
| 40° | 1344.0 | 1345.9 | 1344.0 | 1338.4 | 1344.0 | 1345.9 | 1344.0 | 1336.5 | 1289.8 | 1291.7 | 1304.8 |
| 42.5° | 1293.5 | 1291.7 | 1286.1 | 1282.3 | 1286.1 | 1291.7 | 1293.5 | 1282.3 | 1222.5 | 1216.9 | 1241.2 |
| 45° | 1235.6 | 1237.5 | 1226.2 | 1220.6 | 1226.2 | 1237.5 | 1235.6 | 1228.1 | 1166.4 | 1151.5 | 1168.3 |
| 47.5° | 1177.6 | 1177.6 | 1168.3 | 1162.7 | 1168.3 | 1177.6 | 1177.6 | 1168.3 | 1103.0 | 1088.0 | 1097.3 |
| 50° | 1115.9 | 1114.2 | 1101.1 | 1099.2 | 1101.1 | 1114.2 | 1115.9 | 1110.4 | 1041.3 | 1028.2 | 1028.2 |
| 52.5° | 1045.0 | 1045.0 | 1046.9 | 1050.6 | 1046.9 | 1045.0 | 1045.0 | 1046.9 | 985.2 | 972.1 | 968.4 |
| 55° | 983.3 | 985.2 | 998.3 | 1002.0 | 998.3 | 985.2 | 983.3 | 983.3 | 927.2 | 914.1 | 906.7 |
| 57.5° | 919.8 | 919.8 | 929.1 | 929.1 | 929.1 | 919.8 | 919.8 | 916.0 | 861.8 | 850.6 | 846.8 |
| 60° | 846.8 | 850.6 | 858.1 | 856.2 | 858.1 | 850.6 | 846.8 | 843.1 | 796.4 | 788.9 | 775.8 |
| 62.5° | 770.2 | 773.9 | 775.8 | 772.1 | 775.8 | 773.9 | 770.2 | 759.0 | 730.9 | 725.3 | 708.5 |
| 65° | 689.8 | 693.6 | 695.4 | 691.7 | 695.4 | 693.6 | 689.8 | 684.2 | 663.6 | 654.3 | 639.3 |
| 67.5° | 607.6 | 605.7 | 603.8 | 611.3 | 603.8 | 605.7 | 607.6 | 600.1 | 587.0 | 579.5 | 559.0 |
| 70° | 523.4 | 523.4 | 521.6 | 525.3 | 521.6 | 523.4 | 523.4 | 517.8 | 510.3 | 504.7 | 486.0 |
| 72.5° | 433.7 | 431.8 | 439.3 | 433.7 | 439.3 | 431.8 | 433.7 | 431.8 | 428.1 | 422.5 | 403.8 |
| 75° | 345.8 | 349.6 | 345.8 | 351.4 | 345.8 | 349.6 | 345.8 | 347.7 | 345.8 | 342.1 | 329.0 |
| 77.5° | 263.6 | 267.3 | 263.6 | 263.6 | 263.6 | 267.3 | 263.6 | 265.5 | 265.5 | 265.5 | 254.2 |
| 80° | 186.9 | 185.1 | 185.1 | 183.2 | 185.1 | 185.1 | 186.9 | 186.9 | 188.8 | 185.1 | 181.3 |
| 82.5° | 119.6 | 117.8 | 117.8 | 121.5 | 117.8 | 117.8 | 119.6 | 121.5 | 117.8 | 117.8 | 117.8 |
| 85° | 65.4 | 67.3 | 63.6 | 63.6 | 63.6 | 67.3 | 65.4 | 61.7 | 65.4 | 65.4 | 63.6 |
| 87.5° | 24.3 | 22.4 | 22.4 | 22.4 | 22.4 | 22.4 | 24.3 | 26.2 | 26.2 | 26.2 | 28.0 |
| 90° | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 9.4 | 12.6 | 14.2 | 12.2 |
| 92.5° | 35.6 | 34.2 | 28.5 | 22.8 | 28.5 | 34.2 | 35.6 | 50.5 | 70.2 | 80.1 | 70.4 |
| 95° | 120.8 | 116.5 | 99.4 | 82.2 | 99.4 | 116.5 | 120.8 | 158.6 | 209.0 | 234.2 | 197.8 |
| 97.5° | 278.8 | 270.7 | 238.0 | 205.4 | 238.0 | 270.7 | 278.8 | 302.8 | 334.6 | 350.5 | 289.8 |
| 100° | 391.5 | 381.8 | 342.9 | 304.1 | 342.9 | 381.8 | 391.5 | 389.8 | 387.4 | 386.2 | 318.8 |
| 102.5° | 487.7 | 479.4 | 446.1 | 412.9 | 446.1 | 479.4 | 487.7 | 457.3 | 416.7 | 396.4 | 328.1 |
| 105° | 600.1 | 595.6 | 577.7 | 559.8 | 577.7 | 595.6 | 600.1 | 531.8 | 440.8 | 395.3 | 329.1 |
| 107.5° | 658.5 | 659.6 | 663.9 | 668.2 | 663.9 | 659.6 | 658.5 | 563.3 | 436.2 | 372.8 | 314.4 |
| 110° | 673.5 | 678.1 | 696.7 | 715.4 | 696.7 | 678.1 | 673.5 | 567.0 | 425.0 | 354.1 | 301.4 |



TEST NUMBER: P933947

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|
| 112.5° | 663.9 | 671.1 | 699.7 | 728.3 | 699.7 | 671.1 | 663.9 | 554.9 | 409.7 | 337.1 | 290.1 |
| 115° | 631.6 | 641.5 | 681.2 | 720.8 | 681.2 | 641.5 | 631.6 | 526.6 | 386.6 | 316.6 | 277.1 |
| 117.5° | 586.8 | 597.8 | 641.9 | 685.9 | 641.9 | 597.8 | 586.8 | 492.0 | 365.8 | 302.6 | 269.0 |
| 120° | 556.6 | 567.3 | 610.1 | 652.9 | 610.1 | 567.3 | 556.6 | 470.1 | 354.6 | 297.0 | 266.3 |
| 122.5° | 526.5 | 537.1 | 579.2 | 621.4 | 579.2 | 537.1 | 526.5 | 448.6 | 344.6 | 292.7 | 264.8 |
| 125° | 486.6 | 496.3 | 535.2 | 574.1 | 535.2 | 496.3 | 486.6 | 420.4 | 332.1 | 288.0 | 263.7 |
| 127.5° | 454.6 | 462.9 | 495.6 | 528.4 | 495.6 | 462.9 | 454.6 | 397.8 | 322.0 | 284.1 | 262.9 |
| 130° | 434.4 | 441.9 | 472.2 | 502.5 | 472.2 | 441.9 | 434.4 | 383.8 | 316.3 | 282.6 | 263.4 |
| 132.5° | 417.2 | 424.0 | 451.1 | 478.2 | 451.1 | 424.0 | 417.2 | 371.8 | 311.4 | 281.3 | 263.7 |
| 135° | 392.9 | 398.7 | 422.0 | 445.4 | 422.0 | 398.7 | 392.9 | 354.9 | 304.3 | 279.0 | 263.4 |
| 137.5° | 374.8 | 379.6 | 398.7 | 417.9 | 398.7 | 379.6 | 374.8 | 342.8 | 300.0 | 278.6 | 265.0 |
| 140° | 360.4 | 364.9 | 382.8 | 400.7 | 382.8 | 364.9 | 360.4 | 332.8 | 295.8 | 277.3 | 265.3 |
| 142.5° | 350.3 | 354.2 | 369.6 | 384.9 | 369.6 | 354.2 | 350.3 | 326.0 | 293.6 | 277.3 | 266.3 |
| 145° | 335.2 | 338.1 | 349.8 | 361.4 | 349.8 | 338.1 | 335.2 | 315.3 | 288.7 | 275.5 | 266.3 |
| 147.5° | 322.4 | 324.8 | 334.4 | 344.2 | 334.4 | 324.8 | 322.4 | 306.8 | 285.9 | 275.5 | 268.1 |
| 150° | 315.1 | 317.1 | 324.9 | 332.8 | 324.9 | 317.1 | 315.1 | 301.9 | 284.2 | 275.5 | 269.0 |
| 152.5° | 309.3 | 310.8 | 316.7 | 322.6 | 316.7 | 310.8 | 309.3 | 298.0 | 282.9 | 275.5 | 269.7 |
| 155° | 302.4 | 303.3 | 307.2 | 311.2 | 307.2 | 303.3 | 302.4 | 293.4 | 281.4 | 275.5 | 271.1 |
| 157.5° | 296.4 | 297.0 | 299.9 | 302.6 | 299.9 | 297.0 | 296.4 | 289.4 | 280.1 | 275.5 | 272.4 |
| 160° | 293.4 | 293.8 | 295.4 | 297.0 | 295.4 | 293.8 | 293.4 | 287.4 | 279.5 | 275.5 | 273.0 |
| 162.5° | 290.6 | 291.0 | 292.5 | 294.0 | 292.5 | 291.0 | 290.6 | 285.6 | 278.8 | 275.5 | 273.7 |
| 165° | 286.3 | 286.7 | 288.3 | 289.9 | 288.3 | 286.7 | 286.3 | 282.7 | 277.9 | 275.5 | 274.7 |
| 167.5° | 284.4 | 284.6 | 285.3 | 285.9 | 285.3 | 284.6 | 284.4 | 282.1 | 278.9 | 277.3 | 276.7 |
| 170° | 284.4 | 284.4 | 284.4 | 284.4 | 284.4 | 284.4 | 284.4 | 282.1 | 278.9 | 277.3 | 277.3 |
| 172.5° | 282.9 | 282.7 | 282.2 | 281.6 | 282.2 | 282.7 | 282.9 | 281.1 | 278.5 | 277.3 | 277.3 |
| 175° | 280.9 | 280.9 | 280.9 | 280.9 | 280.9 | 280.9 | 280.9 | 279.7 | 278.1 | 277.3 | 277.7 |
| 177.5° | 280.5 | 280.3 | 279.7 | 279.0 | 279.7 | 280.3 | 280.5 | 279.6 | 278.4 | 277.7 | 278.0 |
| 180° | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 |



TEST NUMBER: P933947

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 1975.9 | 1975.9 | 1975.9 | 1975.9 | 1975.9 |
| 2.5° | 1951.6 | 1960.9 | 1966.5 | 1974.0 | 1992.7 |
| 5° | 1876.8 | 1912.3 | 1923.5 | 1951.6 | 1985.2 |
| 7.5° | 1712.3 | 1820.7 | 1850.6 | 1917.9 | 1970.3 |
| 10° | 1553.4 | 1661.8 | 1714.2 | 1873.1 | 1951.6 |
| 12.5° | 1473.0 | 1536.6 | 1572.1 | 1794.5 | 1925.4 |
| 15° | 1422.5 | 1467.4 | 1493.6 | 1689.9 | 1895.5 |
| 17.5° | 1383.3 | 1415.1 | 1433.7 | 1587.0 | 1854.4 |
| 20° | 1359.0 | 1373.9 | 1390.7 | 1512.3 | 1807.6 |
| 22.5° | 1342.1 | 1332.8 | 1345.9 | 1459.9 | 1744.1 |
| 25° | 1330.9 | 1295.4 | 1310.4 | 1418.8 | 1669.3 |
| 27.5° | 1340.3 | 1261.8 | 1267.4 | 1381.4 | 1590.8 |
| 30° | 1342.1 | 1220.6 | 1222.5 | 1342.1 | 1502.9 |
| 32.5° | 1329.1 | 1177.6 | 1179.5 | 1293.5 | 1403.8 |
| 35° | 1297.3 | 1127.2 | 1125.3 | 1237.5 | 1269.2 |
| 37.5° | 1254.3 | 1073.0 | 1073.0 | 1175.8 | 1121.6 |
| 40° | 1201.9 | 1018.8 | 1024.4 | 1095.5 | 990.8 |
| 42.5° | 1138.4 | 960.9 | 968.4 | 988.9 | 893.6 |
| 45° | 1069.3 | 904.8 | 910.4 | 835.6 | 818.8 |
| 47.5° | 992.7 | 846.8 | 848.7 | 693.6 | 794.5 |
| 50° | 901.1 | 787.0 | 779.5 | 594.5 | 792.6 |
| 52.5° | 820.7 | 721.6 | 699.2 | 538.4 | 719.7 |
| 55° | 742.2 | 652.4 | 603.8 | 495.4 | 667.4 |
| 57.5° | 673.0 | 562.7 | 516.0 | 444.9 | 656.2 |
| 60° | 609.4 | 474.8 | 439.3 | 390.7 | 602.0 |
| 62.5° | 557.1 | 409.4 | 401.9 | 353.3 | 545.9 |
| 65° | 501.0 | 364.5 | 362.7 | 321.5 | 463.6 |
| 67.5° | 446.8 | 334.6 | 332.8 | 291.6 | 353.3 |
| 70° | 388.8 | 302.8 | 299.1 | 259.8 | 261.7 |
| 72.5° | 329.0 | 267.3 | 263.6 | 233.7 | 216.9 |
| 75° | 269.2 | 226.2 | 224.3 | 203.8 | 175.7 |
| 77.5° | 211.2 | 179.5 | 183.2 | 164.5 | 129.0 |
| 80° | 151.4 | 130.9 | 134.6 | 117.8 | 97.2 |
| 82.5° | 100.9 | 86.0 | 89.7 | 74.8 | 65.4 |
| 85° | 56.1 | 48.6 | 50.5 | 39.3 | 29.9 |
| 87.5° | 26.2 | 22.4 | 22.4 | 15.0 | 9.3 |
| 90° | 8.2 | 5.2 | 4.9 | 3.4 | 1.9 |
| 92.5° | 50.8 | 36.2 | 33.0 | 20.2 | 7.5 |
| 95° | 125.0 | 70.4 | 64.6 | 41.2 | 17.9 |
| 97.5° | 168.3 | 77.3 | 72.2 | 51.7 | 31.1 |
| 100° | 184.1 | 83.1 | 78.4 | 59.8 | 41.2 |
| 102.5° | 191.4 | 88.9 | 84.6 | 67.2 | 49.8 |
| 105° | 196.8 | 97.6 | 93.9 | 79.2 | 64.4 |
| 107.5° | 197.8 | 110.3 | 106.8 | 93.1 | 79.4 |
| 110° | 196.3 | 117.4 | 114.3 | 101.9 | 89.5 |



TEST NUMBER: P933947

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 196.4 | 126.0 | 123.0 | 111.2 | 99.5 |
| 115° | 198.2 | 138.9 | 136.2 | 125.3 | 114.4 |
| 117.5° | 201.9 | 151.5 | 149.0 | 139.1 | 129.2 |
| 120° | 204.9 | 158.8 | 156.5 | 147.1 | 137.8 |
| 122.5° | 209.2 | 167.4 | 165.1 | 155.6 | 146.2 |
| 125° | 215.0 | 178.4 | 176.3 | 167.8 | 159.2 |
| 127.5° | 220.8 | 189.1 | 186.9 | 178.2 | 169.6 |
| 130° | 225.0 | 196.2 | 193.9 | 184.6 | 175.3 |
| 132.5° | 228.4 | 202.0 | 199.7 | 190.4 | 181.1 |
| 135° | 232.2 | 208.8 | 206.7 | 198.2 | 189.7 |
| 137.5° | 237.8 | 217.4 | 215.3 | 206.9 | 198.4 |
| 140° | 241.2 | 223.2 | 221.2 | 213.5 | 205.7 |
| 142.5° | 244.1 | 227.5 | 225.7 | 218.5 | 211.4 |
| 145° | 247.9 | 234.1 | 232.5 | 226.3 | 220.0 |
| 147.5° | 253.3 | 242.3 | 240.8 | 234.7 | 228.6 |
| 150° | 256.2 | 246.6 | 245.2 | 239.8 | 234.2 |
| 152.5° | 258.1 | 249.4 | 248.4 | 244.1 | 240.0 |
| 155° | 262.2 | 255.5 | 254.8 | 251.7 | 248.6 |
| 157.5° | 266.3 | 261.7 | 261.0 | 258.0 | 255.0 |
| 160° | 268.2 | 264.5 | 264.0 | 261.6 | 259.3 |
| 162.5° | 270.1 | 267.5 | 267.0 | 265.4 | 263.6 |
| 165° | 273.1 | 271.9 | 271.5 | 269.9 | 268.4 |
| 167.5° | 275.4 | 274.3 | 274.1 | 273.4 | 272.7 |
| 170° | 277.2 | 277.1 | 277.0 | 276.2 | 275.5 |
| 172.5° | 277.3 | 277.3 | 277.3 | 277.1 | 277.0 |
| 175° | 278.4 | 279.0 | 279.0 | 279.0 | 279.0 |
| 177.5° | 278.5 | 279.0 | 279.0 | 279.0 | 279.0 |
| 180° | 279.0 | 279.0 | 279.0 | 279.0 | 279.0 |



TEST NUMBER: P933947

CATALOG NUMBER: SQ4-FA-025U-075D-92765-1D-UNV-STD-W-8-5000K

CIE UGR TABLE:

| Reflectances: | | | | | | | | | | | |
|-----------------|------|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Ceiling | | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Wall | | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| Reference plane | | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | | Viewed crosswise | | | | | Viewed endwise | | | | |
| X=2H | Y=2H | 14.47 | 15.60 | 15.19 | 16.34 | 17.22 | 17.31 | 18.43 | 18.03 | 19.18 | 20.06 |
| | 3H | 14.97 | 15.98 | 15.70 | 16.73 | 17.65 | 18.68 | 19.69 | 19.41 | 20.44 | 21.35 |
| | 4H | 15.17 | 16.13 | 15.92 | 16.89 | 17.81 | 19.13 | 20.09 | 19.89 | 20.85 | 21.78 |
| | 6H | 15.30 | 16.18 | 16.07 | 16.95 | 17.90 | 19.43 | 20.32 | 20.20 | 21.09 | 22.03 |
| | 8H | 15.31 | 16.15 | 16.09 | 16.94 | 17.88 | 19.52 | 20.36 | 20.29 | 21.15 | 22.09 |
| | 12H | 15.29 | 16.09 | 16.07 | 16.88 | 17.85 | 19.57 | 20.37 | 20.35 | 21.15 | 22.12 |
| 4H | 2H | 15.54 | 16.49 | 16.29 | 17.25 | 18.18 | 17.75 | 18.70 | 18.51 | 19.46 | 20.39 |
| | 3H | 16.59 | 17.38 | 17.36 | 18.18 | 19.12 | 19.28 | 20.08 | 20.05 | 20.87 | 21.82 |
| | 4H | 16.88 | 17.60 | 17.66 | 18.40 | 19.37 | 19.82 | 20.54 | 20.61 | 21.34 | 22.31 |
| | 6H | 17.02 | 17.64 | 17.82 | 18.46 | 19.44 | 20.20 | 20.83 | 21.01 | 21.65 | 22.63 |
| | 8H | 17.03 | 17.61 | 17.83 | 18.43 | 19.42 | 20.32 | 20.90 | 21.12 | 21.72 | 22.71 |
| | 12H | 17.01 | 17.53 | 17.83 | 18.37 | 19.37 | 20.39 | 20.92 | 21.22 | 21.75 | 22.75 |
| 8H | 4H | 17.35 | 17.94 | 18.16 | 18.75 | 19.75 | 19.97 | 20.55 | 20.77 | 21.37 | 22.36 |
| | 6H | 17.62 | 18.11 | 18.46 | 18.97 | 19.96 | 20.42 | 20.90 | 21.25 | 21.76 | 22.75 |
| | 8H | 17.67 | 18.10 | 18.52 | 18.96 | 19.96 | 20.57 | 21.00 | 21.42 | 21.86 | 22.87 |
| | 12H | 17.67 | 18.04 | 18.51 | 18.89 | 19.96 | 20.68 | 21.06 | 21.53 | 21.91 | 22.98 |
| 12H | 4H | 17.37 | 17.90 | 18.20 | 18.74 | 19.73 | 19.94 | 20.47 | 20.77 | 21.31 | 22.31 |
| | 6H | 17.69 | 18.12 | 18.53 | 18.97 | 19.98 | 20.42 | 20.85 | 21.26 | 21.70 | 22.71 |
| | 8H | 17.77 | 18.15 | 18.61 | 18.99 | 20.06 | 20.59 | 20.97 | 21.44 | 21.82 | 22.88 |