

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: P1428248

Luminaire Tested: SQ2W-PR1-K-075U-125D-L930-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2019
Report Number: P1428248
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G2-2308-131-9)
Test Lab: INNOVATION CENTER
Issue Date: 3/10/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ2W-PR1-K-075U-125D-L930-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - PERCEIVE RIPPLE LENS
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 1250 LUMENS PER FOOT
UPLIGHT 750 LUMENS PER FOOT
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

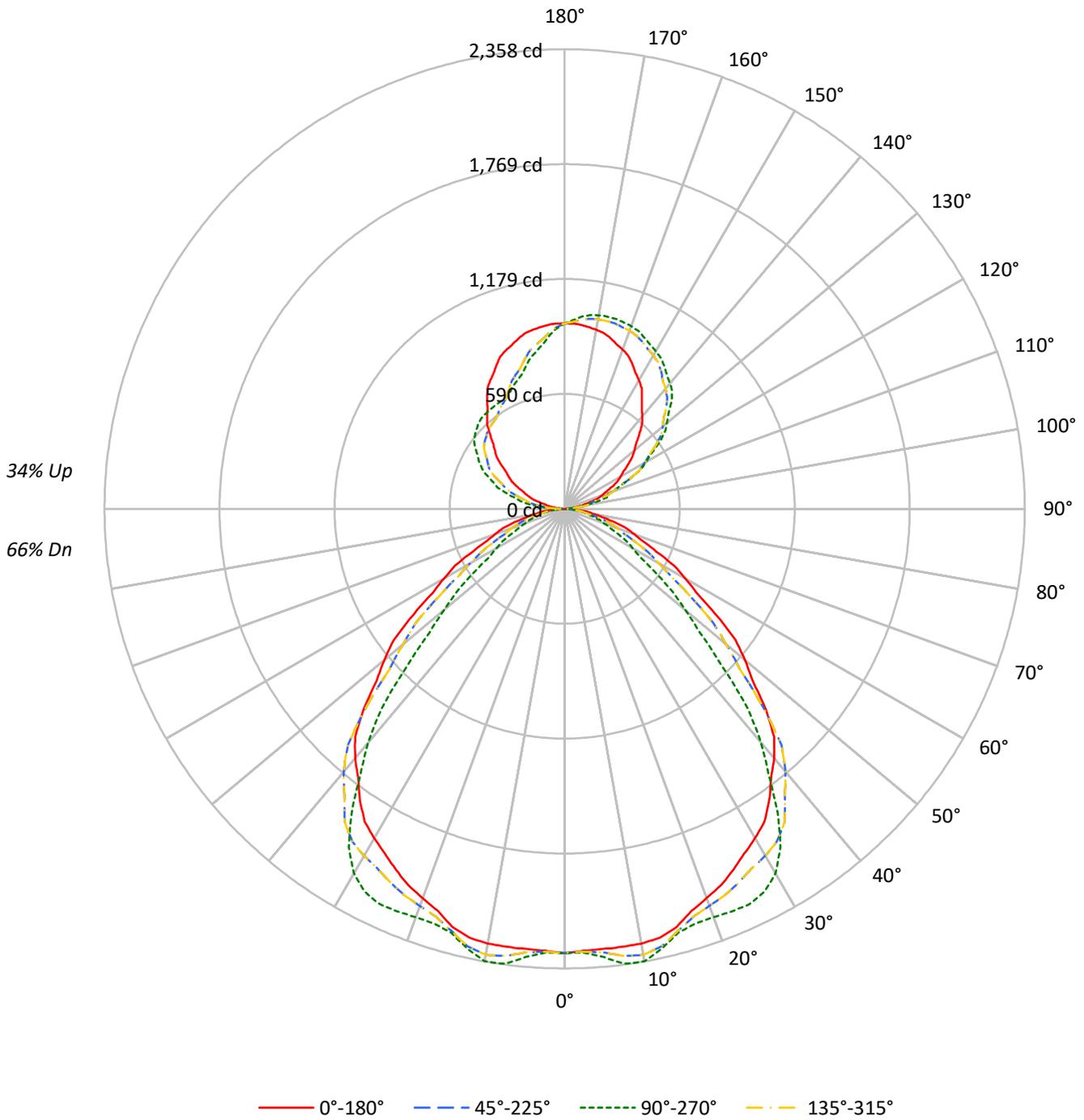
Lumens per Lamp: N/A
Luminaire Lumens: 8263.3 lumens
Efficiency: N/A
Efficacy: 113.5 lumens/watt
Spacing Criteria (0/90/45): 1.28 / 1.34 / 1.36
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 72.8
Input Voltage (V): 120
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: P1428248

CATALOG NUMBER: SQ2W-PR1-K-075U-125D-L930-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P1428248

CATALOG NUMBER: SQ2W-PR1-K-075U-125D-L930-UNV-STD-W-WM-4

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 | 111 | 111 | 111 | 111 | 105 | 105 | 105 | 105 | 92 | 92 | 92 | 81 | 81 | 81 | 71 | 71 | 71 | 66 | | | | |
| 1 | 102 | 98 | 95 | 91 | 96 | 93 | 89 | 87 | 82 | 80 | 78 | 73 | 71 | 70 | 64 | 63 | 62 | 58 | | | | |
| 2 | 94 | 87 | 81 | 76 | 88 | 82 | 77 | 72 | 73 | 69 | 66 | 65 | 62 | 59 | 58 | 55 | 53 | 50 | | | | |
| 3 | 86 | 77 | 70 | 64 | 81 | 73 | 67 | 61 | 65 | 60 | 56 | 58 | 54 | 51 | 52 | 49 | 46 | 43 | | | | |
| 4 | 79 | 69 | 61 | 55 | 74 | 65 | 58 | 53 | 58 | 53 | 49 | 52 | 48 | 44 | 47 | 43 | 40 | 37 | | | | |
| 5 | 73 | 62 | 54 | 48 | 69 | 59 | 51 | 46 | 53 | 47 | 42 | 47 | 43 | 39 | 42 | 39 | 36 | 33 | | | | |
| 6 | 67 | 56 | 48 | 42 | 63 | 53 | 46 | 40 | 48 | 42 | 37 | 43 | 38 | 35 | 39 | 35 | 32 | 29 | | | | |
| 7 | 63 | 50 | 42 | 37 | 59 | 48 | 41 | 36 | 44 | 38 | 33 | 39 | 34 | 31 | 35 | 31 | 28 | 26 | | | | |
| 8 | 58 | 46 | 38 | 33 | 55 | 44 | 37 | 32 | 40 | 34 | 30 | 36 | 31 | 28 | 33 | 29 | 26 | 23 | | | | |
| 9 | 54 | 42 | 35 | 30 | 51 | 40 | 33 | 29 | 37 | 31 | 27 | 33 | 28 | 25 | 30 | 26 | 23 | 21 | | | | |
| 10 | 51 | 39 | 32 | 27 | 48 | 37 | 30 | 26 | 34 | 28 | 24 | 31 | 26 | 23 | 28 | 24 | 21 | 19 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 36791 | 36791 | 36791 | 36791 |
| 5° | 36742 | 37421 | 36742 | 37421 |
| 10° | 37129 | 38652 | 37129 | 38652 |
| 15° | 37118 | 37622 | 37118 | 37622 |
| 20° | 36518 | 38314 | 36518 | 38314 |
| 25° | 36415 | 39891 | 36415 | 39891 |
| 30° | 36375 | 40273 | 36375 | 40273 |
| 35° | 36030 | 37496 | 36030 | 37496 |
| 40° | 35200 | 32997 | 35200 | 32997 |
| 45° | 33307 | 26094 | 33307 | 26094 |
| 50° | 30280 | 20245 | 30280 | 20245 |
| 55° | 26612 | 15758 | 26612 | 15758 |
| 60° | 23027 | 12975 | 23027 | 12975 |
| 65° | 19877 | 11358 | 19877 | 11358 |
| 70° | 17872 | 10088 | 17872 | 10088 |
| 75° | 16375 | 9276 | 16375 | 9276 |
| 80° | 14254 | 9075 | 14254 | 9075 |
| 85° | 10318 | 4298 | 10318 | 4298 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 35759 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 220.1 | 2.7 |
| 10°-20° | 637.0 | 7.7 |
| 20°-30° | 984.7 | 11.9 |
| 30°-40° | 1184.2 | 14.3 |
| 40°-50° | 1063.4 | 12.9 |
| 50°-60° | 712.6 | 8.6 |
| 60°-70° | 414.5 | 5.0 |
| 70°-80° | 212.9 | 2.6 |
| 80°-90° | 56.4 | 0.7 |
| 90°-100° | 75.7 | 0.9 |
| 100°-110° | 220.8 | 2.7 |
| 110°-120° | 360.3 | 4.4 |
| 120°-130° | 457.2 | 5.5 |
| 130°-140° | 489.2 | 5.9 |
| 140°-150° | 456.8 | 5.5 |
| 150°-160° | 375.9 | 4.5 |
| 160°-170° | 252.1 | 3.1 |
| 170°-180° | 89.5 | 1.1 |
| 0°-30° | 1841.8 | 22.3 |
| 0°-40° | 3026.1 | 36.6 |
| 0°-60° | 4802.1 | 58.1 |
| 0°-90° | 5485.9 | 66.4 |
| 90°-120° | 656.7 | 7.9 |
| 90°-150° | 2059.9 | 24.9 |
| 90°-180° | 2777.0 | 33.6 |
| 0°-180° | 8263.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 2279 | 2279 | 2279 | 2279 | 2279 | |
| 5° | 2267 | 2309 | 2267 | 2309 | 2267 | 216 |
| 15° | 2221 | 2251 | 2221 | 2251 | 2221 | 624 |
| 25° | 2044 | 2239 | 2044 | 2239 | 2044 | 943 |
| 35° | 1828 | 1902 | 1828 | 1902 | 1828 | 1140 |
| 45° | 1459 | 1143 | 1459 | 1143 | 1459 | 1116 |
| 55° | 945 | 560 | 945 | 560 | 945 | 850 |
| 65° | 520 | 297 | 520 | 297 | 520 | 526 |
| 75° | 262 | 149 | 262 | 149 | 262 | 279 |
| 85° | 56 | 23 | 56 | 23 | 56 | 69 |
| 90° | 3 | 21 | 3 | 41 | 3 | 4 |
| 95° | 30 | 22 | 30 | 130 | 30 | 36 |
| 105° | 140 | 225 | 140 | 309 | 140 | 149 |
| 115° | 269 | 373 | 269 | 459 | 269 | 265 |
| 125° | 398 | 591 | 398 | 563 | 398 | 356 |
| 135° | 541 | 773 | 541 | 624 | 541 | 418 |
| 145° | 691 | 892 | 691 | 637 | 691 | 432 |
| 155° | 820 | 968 | 820 | 661 | 820 | 377 |
| 165° | 907 | 1010 | 907 | 761 | 907 | 255 |
| 175° | 948 | 989 | 948 | 893 | 948 | 90 |
| 180° | 951 | 951 | 951 | 951 | 951 | |



TEST NUMBER: P1428248

CATALOG NUMBER: SQ2W-PR1-K-075U-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2278.7 | 2278.7 | 2278.7 | 2278.7 | 2278.7 | 2278.7 | 2278.7 | 2278.7 | 2278.7 | 2278.7 | 2278.7 |
| 2.5° | 2269.4 | 2281.8 | 2294.1 | 2288.6 | 2277.0 | 2271.6 | 2272.5 | 2273.7 | 2276.2 | 2278.7 | 2276.2 |
| 5° | 2267.0 | 2284.6 | 2302.1 | 2298.0 | 2286.7 | 2282.0 | 2284.1 | 2288.2 | 2298.5 | 2308.9 | 2298.5 |
| 7.5° | 2266.6 | 2291.6 | 2316.6 | 2318.5 | 2312.7 | 2312.8 | 2318.8 | 2326.7 | 2340.3 | 2353.9 | 2340.3 |
| 10° | 2264.7 | 2294.7 | 2324.6 | 2329.0 | 2324.9 | 2323.3 | 2324.3 | 2328.7 | 2343.2 | 2357.6 | 2343.2 |
| 12.5° | 2253.6 | 2288.5 | 2323.4 | 2319.7 | 2303.2 | 2294.2 | 2292.8 | 2293.6 | 2301.5 | 2309.3 | 2301.5 |
| 15° | 2220.6 | 2261.9 | 2303.2 | 2286.4 | 2250.3 | 2233.8 | 2236.9 | 2240.5 | 2245.6 | 2250.8 | 2245.6 |
| 17.5° | 2162.5 | 2205.7 | 2248.8 | 2233.8 | 2199.3 | 2187.6 | 2198.8 | 2209.7 | 2219.8 | 2229.9 | 2219.8 |
| 20° | 2125.4 | 2167.7 | 2210.0 | 2199.7 | 2171.8 | 2165.1 | 2179.6 | 2194.8 | 2212.3 | 2229.9 | 2212.3 |
| 22.5° | 2091.9 | 2134.2 | 2176.6 | 2170.0 | 2147.0 | 2145.7 | 2165.9 | 2187.1 | 2211.3 | 2235.5 | 2211.3 |
| 25° | 2044.1 | 2081.2 | 2118.4 | 2119.2 | 2107.8 | 2119.2 | 2153.2 | 2185.5 | 2212.3 | 2239.2 | 2212.3 |
| 27.5° | 1993.9 | 2015.8 | 2037.7 | 2052.1 | 2064.1 | 2093.1 | 2139.1 | 2178.4 | 2197.2 | 2215.9 | 2197.2 |
| 30° | 1951.1 | 1965.6 | 1980.1 | 2006.9 | 2037.9 | 2073.5 | 2113.7 | 2145.7 | 2153.0 | 2160.2 | 2153.0 |
| 32.5° | 1904.7 | 1913.4 | 1922.0 | 1959.8 | 2007.3 | 2041.7 | 2063.0 | 2076.6 | 2067.3 | 2058.0 | 2067.3 |
| 35° | 1828.0 | 1835.3 | 1842.5 | 1890.8 | 1952.7 | 1975.4 | 1958.9 | 1941.6 | 1922.0 | 1902.4 | 1922.0 |
| 37.5° | 1737.0 | 1751.9 | 1766.7 | 1806.1 | 1853.5 | 1853.1 | 1804.8 | 1763.0 | 1740.4 | 1717.9 | 1740.4 |
| 40° | 1670.1 | 1694.9 | 1719.6 | 1746.0 | 1772.8 | 1750.1 | 1677.8 | 1617.2 | 1591.4 | 1565.6 | 1591.4 |
| 42.5° | 1588.3 | 1628.0 | 1667.6 | 1673.5 | 1668.1 | 1619.4 | 1527.3 | 1450.4 | 1418.8 | 1387.2 | 1418.8 |
| 45° | 1458.7 | 1512.4 | 1566.1 | 1535.4 | 1476.5 | 1397.0 | 1296.9 | 1213.0 | 1177.9 | 1142.8 | 1177.9 |
| 47.5° | 1305.9 | 1361.0 | 1416.1 | 1358.2 | 1262.6 | 1170.1 | 1080.7 | 1005.5 | 972.6 | 939.8 | 972.6 |
| 50° | 1205.5 | 1249.9 | 1294.3 | 1228.8 | 1126.6 | 1033.6 | 950.0 | 878.3 | 842.1 | 806.0 | 842.1 |
| 52.5° | 1103.3 | 1135.3 | 1167.3 | 1102.4 | 1005.2 | 914.7 | 831.1 | 760.2 | 727.3 | 694.5 | 727.3 |
| 55° | 945.4 | 961.9 | 978.4 | 918.3 | 832.6 | 750.0 | 670.5 | 605.2 | 582.5 | 559.8 | 582.5 |
| 57.5° | 800.4 | 811.0 | 821.5 | 764.5 | 685.0 | 611.5 | 544.0 | 489.2 | 472.5 | 455.7 | 472.5 |
| 60° | 713.1 | 720.3 | 727.6 | 669.7 | 590.2 | 524.2 | 471.5 | 428.7 | 415.3 | 401.8 | 415.3 |
| 62.5° | 633.2 | 638.8 | 644.3 | 588.6 | 512.4 | 453.4 | 411.4 | 377.5 | 367.4 | 357.2 | 367.4 |
| 65° | 520.3 | 525.5 | 530.6 | 483.1 | 418.1 | 369.6 | 337.6 | 311.8 | 304.5 | 297.3 | 304.5 |
| 67.5° | 430.6 | 433.3 | 436.0 | 396.9 | 343.8 | 304.7 | 279.5 | 258.9 | 252.1 | 245.3 | 252.1 |
| 70° | 378.6 | 379.6 | 380.7 | 346.1 | 299.6 | 265.1 | 242.3 | 224.0 | 218.9 | 213.7 | 218.9 |
| 72.5° | 332.2 | 330.7 | 329.3 | 298.4 | 257.7 | 228.1 | 209.5 | 194.7 | 191.2 | 187.7 | 191.2 |
| 75° | 262.5 | 259.4 | 256.3 | 230.7 | 197.7 | 175.0 | 162.6 | 152.8 | 150.7 | 148.7 | 150.7 |
| 77.5° | 196.0 | 192.7 | 189.4 | 168.2 | 140.9 | 125.2 | 121.1 | 118.0 | 118.0 | 118.0 | 118.0 |
| 80° | 153.3 | 149.2 | 145.0 | 128.5 | 107.9 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| 82.5° | 114.3 | 108.5 | 102.7 | 92.6 | 81.0 | 75.3 | 75.3 | 75.1 | 74.2 | 73.4 | 74.2 |
| 85° | 55.7 | 50.6 | 45.4 | 44.1 | 44.1 | 41.0 | 34.8 | 29.4 | 26.3 | 23.2 | 26.3 |
| 87.5° | 15.4 | 16.2 | 17.2 | 14.8 | 11.3 | 9.4 | 9.4 | 9.6 | 9.8 | 9.8 | 9.8 |
| 90° | 2.9 | 6.7 | 11.5 | 15.4 | 18.3 | 19.2 | 19.2 | 20.2 | 21.1 | 21.1 | 21.1 |
| 92.5° | 10.6 | 16.7 | 16.9 | 16.9 | 20.6 | 22.3 | 23.8 | 24.0 | 25.0 | 25.0 | 25.0 |
| 95° | 29.8 | 32.7 | 49.0 | 48.0 | 32.7 | 25.9 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 |
| 97.5° | 56.9 | 61.1 | 63.8 | 85.5 | 90.3 | 87.2 | 71.1 | 59.8 | 53.4 | 50.5 | 53.4 |
| 100° | 80.7 | 82.6 | 88.4 | 89.4 | 113.4 | 136.4 | 124.9 | 110.5 | 105.7 | 102.8 | 105.7 |
| 102.5° | 104.5 | 105.7 | 114.5 | 118.6 | 124.1 | 137.2 | 177.2 | 172.8 | 169.5 | 168.9 | 169.5 |
| 105° | 140.3 | 141.2 | 157.6 | 165.3 | 169.1 | 169.1 | 168.1 | 187.4 | 218.1 | 224.8 | 218.1 |
| 107.5° | 178.5 | 182.9 | 202.2 | 222.7 | 227.1 | 228.3 | 223.3 | 220.4 | 219.3 | 220.0 | 219.3 |
| 110° | 204.7 | 211.4 | 234.4 | 260.4 | 267.1 | 269.0 | 267.1 | 264.2 | 262.3 | 262.3 | 262.3 |



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CATALOG NUMBER: SQ2W-PR1-K-075U-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 112.5° | 230.0 | 239.8 | 266.0 | 295.7 | 307.1 | 312.8 | 308.6 | 306.5 | 304.6 | 306.1 | 304.6 |
| 115° | 269.0 | 283.4 | 318.0 | 348.8 | 371.8 | 374.7 | 373.8 | 373.8 | 372.8 | 372.8 | 372.8 |
| 117.5° | 305.2 | 328.2 | 367.0 | 402.8 | 429.5 | 437.2 | 441.0 | 439.9 | 438.7 | 440.6 | 438.7 |
| 120° | 330.5 | 357.4 | 401.6 | 442.0 | 467.9 | 479.4 | 483.3 | 481.4 | 483.3 | 481.4 | 483.3 |
| 122.5° | 357.4 | 390.5 | 433.9 | 475.8 | 506.3 | 519.4 | 524.0 | 524.4 | 524.8 | 523.6 | 524.8 |
| 125° | 397.8 | 438.1 | 489.1 | 532.3 | 564.0 | 579.4 | 583.2 | 584.2 | 586.1 | 590.9 | 586.1 |
| 127.5° | 438.5 | 484.2 | 540.2 | 581.9 | 614.3 | 633.0 | 638.9 | 641.0 | 645.1 | 647.2 | 645.1 |
| 130° | 467.0 | 518.8 | 575.5 | 614.9 | 646.6 | 666.8 | 677.4 | 680.3 | 685.1 | 684.1 | 685.1 |
| 132.5° | 496.9 | 551.1 | 608.6 | 649.5 | 678.9 | 700.6 | 709.7 | 717.9 | 719.6 | 721.0 | 719.6 |
| 135° | 540.9 | 599.5 | 657.2 | 697.5 | 725.4 | 746.5 | 758.1 | 765.8 | 770.6 | 773.4 | 770.6 |
| 137.5° | 587.2 | 649.1 | 704.5 | 740.4 | 768.5 | 786.7 | 799.8 | 807.8 | 812.8 | 815.1 | 812.8 |
| 140° | 618.8 | 678.3 | 732.1 | 769.6 | 794.6 | 812.8 | 824.4 | 834.0 | 839.7 | 839.7 | 839.7 |
| 142.5° | 648.7 | 707.5 | 759.8 | 797.3 | 819.2 | 835.9 | 848.2 | 855.5 | 862.0 | 862.0 | 862.0 |
| 145° | 690.8 | 749.4 | 797.5 | 834.9 | 853.2 | 868.6 | 882.0 | 887.8 | 891.6 | 891.6 | 891.6 |
| 147.5° | 734.8 | 786.7 | 830.5 | 866.5 | 881.8 | 899.9 | 910.5 | 915.1 | 919.9 | 917.8 | 919.9 |
| 150° | 761.0 | 809.0 | 851.3 | 884.9 | 900.3 | 917.6 | 928.1 | 932.0 | 936.8 | 933.9 | 936.8 |
| 152.5° | 786.3 | 832.1 | 870.5 | 901.8 | 914.9 | 932.2 | 944.3 | 948.1 | 951.4 | 949.3 | 951.4 |
| 155° | 820.5 | 860.9 | 896.4 | 925.3 | 936.8 | 953.1 | 964.6 | 969.5 | 973.3 | 968.5 | 973.3 |
| 157.5° | 851.1 | 885.9 | 916.8 | 943.3 | 955.6 | 969.6 | 980.4 | 986.4 | 990.2 | 988.1 | 990.2 |
| 160° | 869.5 | 901.2 | 929.1 | 954.1 | 965.6 | 978.1 | 989.6 | 996.4 | 1000.2 | 997.3 | 1000.2 |
| 162.5° | 884.9 | 913.5 | 939.9 | 962.5 | 972.5 | 983.5 | 997.3 | 1003.3 | 1007.1 | 1003.5 | 1007.1 |
| 165° | 907.0 | 930.1 | 953.1 | 972.3 | 981.0 | 989.6 | 1004.0 | 1010.8 | 1013.7 | 1009.8 | 1013.7 |
| 167.5° | 923.7 | 941.4 | 960.0 | 976.6 | 982.9 | 991.4 | 1005.8 | 1011.3 | 1015.0 | 1010.2 | 1015.0 |
| 170° | 932.9 | 948.3 | 964.6 | 978.1 | 982.9 | 990.6 | 1005.0 | 1009.8 | 1012.7 | 1007.9 | 1012.7 |
| 172.5° | 940.6 | 952.2 | 965.4 | 977.3 | 979.8 | 986.0 | 999.6 | 1004.4 | 1006.5 | 1002.5 | 1006.5 |
| 175° | 948.3 | 955.0 | 964.6 | 972.3 | 971.4 | 975.2 | 986.7 | 990.6 | 994.4 | 988.7 | 994.4 |
| 177.5° | 952.0 | 955.0 | 958.1 | 962.7 | 959.7 | 959.7 | 968.1 | 970.4 | 971.2 | 968.1 | 971.2 |
| 180° | 951.2 | 951.2 | 951.2 | 951.2 | 951.2 | 951.2 | 951.2 | 951.2 | 951.2 | 951.2 | 951.2 |



TEST NUMBER: P1428248

CATALOG NUMBER: SQ2W-PR1-K-075U-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2278.7 | 2278.7 | 2278.7 | 2278.7 | 2278.7 | 2278.7 | 2278.7 | 2278.7 | 2278.7 | 2278.7 | 2278.7 |
| 2.5° | 2273.7 | 2272.5 | 2271.6 | 2277.0 | 2288.6 | 2294.1 | 2281.8 | 2269.4 | 2281.8 | 2294.1 | 2288.6 |
| 5° | 2288.2 | 2284.1 | 2282.0 | 2286.7 | 2298.0 | 2302.1 | 2284.6 | 2267.0 | 2284.6 | 2302.1 | 2298.0 |
| 7.5° | 2326.7 | 2318.8 | 2312.8 | 2312.7 | 2318.5 | 2316.6 | 2291.6 | 2266.6 | 2291.6 | 2316.6 | 2318.5 |
| 10° | 2328.7 | 2324.3 | 2323.3 | 2324.9 | 2329.0 | 2324.6 | 2294.7 | 2264.7 | 2294.7 | 2324.6 | 2329.0 |
| 12.5° | 2293.6 | 2292.8 | 2294.2 | 2303.2 | 2319.7 | 2323.4 | 2288.5 | 2253.6 | 2288.5 | 2323.4 | 2319.7 |
| 15° | 2240.5 | 2236.9 | 2233.8 | 2250.3 | 2286.4 | 2303.2 | 2261.9 | 2220.6 | 2261.9 | 2303.2 | 2286.4 |
| 17.5° | 2209.7 | 2198.8 | 2187.6 | 2199.3 | 2233.8 | 2248.8 | 2205.7 | 2162.5 | 2205.7 | 2248.8 | 2233.8 |
| 20° | 2194.8 | 2179.6 | 2165.1 | 2171.8 | 2199.7 | 2210.0 | 2167.7 | 2125.4 | 2167.7 | 2210.0 | 2199.7 |
| 22.5° | 2187.1 | 2165.9 | 2145.7 | 2147.0 | 2170.0 | 2176.6 | 2134.2 | 2091.9 | 2134.2 | 2176.6 | 2170.0 |
| 25° | 2185.5 | 2153.2 | 2119.2 | 2107.8 | 2119.2 | 2118.4 | 2081.2 | 2044.1 | 2081.2 | 2118.4 | 2119.2 |
| 27.5° | 2178.4 | 2139.1 | 2093.1 | 2064.1 | 2052.1 | 2037.7 | 2015.8 | 1993.9 | 2015.8 | 2037.7 | 2052.1 |
| 30° | 2145.7 | 2113.7 | 2073.5 | 2037.9 | 2006.9 | 1980.1 | 1965.6 | 1951.1 | 1965.6 | 1980.1 | 2006.9 |
| 32.5° | 2076.6 | 2063.0 | 2041.7 | 2007.3 | 1959.8 | 1922.0 | 1913.4 | 1904.7 | 1913.4 | 1922.0 | 1959.8 |
| 35° | 1941.6 | 1958.9 | 1975.4 | 1952.7 | 1890.8 | 1842.5 | 1835.3 | 1828.0 | 1835.3 | 1842.5 | 1890.8 |
| 37.5° | 1763.0 | 1804.8 | 1853.1 | 1853.5 | 1806.1 | 1766.7 | 1751.9 | 1737.0 | 1751.9 | 1766.7 | 1806.1 |
| 40° | 1617.2 | 1677.8 | 1750.1 | 1772.8 | 1746.0 | 1719.6 | 1694.9 | 1670.1 | 1694.9 | 1719.6 | 1746.0 |
| 42.5° | 1450.4 | 1527.3 | 1619.4 | 1668.1 | 1673.5 | 1667.6 | 1628.0 | 1588.3 | 1628.0 | 1667.6 | 1673.5 |
| 45° | 1213.0 | 1296.9 | 1397.0 | 1476.5 | 1535.4 | 1566.1 | 1512.4 | 1458.7 | 1512.4 | 1566.1 | 1535.4 |
| 47.5° | 1005.5 | 1080.7 | 1170.1 | 1262.6 | 1358.2 | 1416.1 | 1361.0 | 1305.9 | 1361.0 | 1416.1 | 1358.2 |
| 50° | 878.3 | 950.0 | 1033.6 | 1126.6 | 1228.8 | 1294.3 | 1249.9 | 1205.5 | 1249.9 | 1294.3 | 1228.8 |
| 52.5° | 760.2 | 831.1 | 914.7 | 1005.2 | 1102.4 | 1167.3 | 1135.3 | 1103.3 | 1135.3 | 1167.3 | 1102.4 |
| 55° | 605.2 | 670.5 | 750.0 | 832.6 | 918.3 | 978.4 | 961.9 | 945.4 | 961.9 | 978.4 | 918.3 |
| 57.5° | 489.2 | 544.0 | 611.5 | 685.0 | 764.5 | 821.5 | 811.0 | 800.4 | 811.0 | 821.5 | 764.5 |
| 60° | 428.7 | 471.5 | 524.2 | 590.2 | 669.7 | 727.6 | 720.3 | 713.1 | 720.3 | 727.6 | 669.7 |
| 62.5° | 377.5 | 411.4 | 453.4 | 512.4 | 588.6 | 644.3 | 638.8 | 633.2 | 638.8 | 644.3 | 588.6 |
| 65° | 311.8 | 337.6 | 369.6 | 418.1 | 483.1 | 530.6 | 525.5 | 520.3 | 525.5 | 530.6 | 483.1 |
| 67.5° | 258.9 | 279.5 | 304.7 | 343.8 | 396.9 | 436.0 | 433.3 | 430.6 | 433.3 | 436.0 | 396.9 |
| 70° | 224.0 | 242.3 | 265.1 | 299.6 | 346.1 | 380.7 | 379.6 | 378.6 | 379.6 | 380.7 | 346.1 |
| 72.5° | 194.7 | 209.5 | 228.1 | 257.7 | 298.4 | 329.3 | 330.7 | 332.2 | 330.7 | 329.3 | 298.4 |
| 75° | 152.8 | 162.6 | 175.0 | 197.7 | 230.7 | 256.3 | 259.4 | 262.5 | 259.4 | 256.3 | 230.7 |
| 77.5° | 118.0 | 121.1 | 125.2 | 140.9 | 168.2 | 189.4 | 192.7 | 196.0 | 192.7 | 189.4 | 168.2 |
| 80° | 97.6 | 97.6 | 97.6 | 107.9 | 128.5 | 145.0 | 149.2 | 153.3 | 149.2 | 145.0 | 128.5 |
| 82.5° | 75.1 | 75.3 | 75.3 | 81.0 | 92.6 | 102.7 | 108.5 | 114.3 | 108.5 | 102.7 | 92.6 |
| 85° | 29.4 | 34.8 | 41.0 | 44.1 | 44.1 | 45.4 | 50.6 | 55.7 | 50.6 | 45.4 | 44.1 |
| 87.5° | 9.6 | 9.4 | 9.4 | 11.3 | 14.8 | 17.2 | 16.2 | 15.4 | 16.2 | 17.0 | 15.2 |
| 90° | 20.2 | 19.2 | 19.2 | 18.3 | 15.4 | 11.5 | 6.7 | 2.9 | 6.7 | 10.6 | 17.3 |
| 92.5° | 24.0 | 23.8 | 22.3 | 20.6 | 16.9 | 16.9 | 16.7 | 10.6 | 18.3 | 25.9 | 37.3 |
| 95° | 22.1 | 22.1 | 25.9 | 32.7 | 48.0 | 49.0 | 32.7 | 29.8 | 42.3 | 59.6 | 74.9 |
| 97.5° | 59.8 | 71.1 | 87.2 | 90.3 | 85.5 | 63.8 | 61.1 | 56.9 | 77.4 | 94.5 | 119.3 |
| 100° | 110.5 | 124.9 | 136.4 | 113.4 | 89.4 | 88.4 | 82.6 | 80.7 | 102.8 | 119.1 | 143.2 |
| 102.5° | 172.8 | 177.2 | 137.2 | 124.1 | 118.6 | 114.5 | 105.7 | 104.5 | 126.6 | 149.1 | 169.3 |
| 105° | 187.4 | 168.1 | 169.1 | 169.1 | 165.3 | 157.6 | 141.2 | 140.3 | 165.3 | 191.2 | 216.2 |
| 107.5° | 220.4 | 223.3 | 228.3 | 227.1 | 222.7 | 202.2 | 182.9 | 178.5 | 201.0 | 232.1 | 259.6 |
| 110° | 264.2 | 267.1 | 269.0 | 267.1 | 260.4 | 234.4 | 211.4 | 204.7 | 224.8 | 257.5 | 287.3 |



TEST NUMBER: P1428248

CATALOG NUMBER: SQ2W-PR1-K-075U-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 306.5 | 308.6 | 312.8 | 307.1 | 295.7 | 266.0 | 239.8 | 230.0 | 250.2 | 283.6 | 314.2 |
| 115° | 373.8 | 373.8 | 374.7 | 371.8 | 348.8 | 318.0 | 283.4 | 269.0 | 286.3 | 317.1 | 350.7 |
| 117.5° | 439.9 | 441.0 | 437.2 | 429.5 | 402.8 | 367.0 | 328.2 | 305.2 | 318.8 | 351.3 | 385.9 |
| 120° | 481.4 | 483.3 | 479.4 | 467.9 | 442.0 | 401.6 | 357.4 | 330.5 | 341.1 | 372.8 | 407.4 |
| 122.5° | 524.4 | 524.0 | 519.4 | 506.3 | 475.8 | 433.9 | 390.5 | 357.4 | 361.8 | 391.2 | 425.1 |
| 125° | 584.2 | 583.2 | 579.4 | 564.0 | 532.3 | 489.1 | 438.1 | 397.8 | 392.0 | 417.0 | 451.6 |
| 127.5° | 641.0 | 638.9 | 633.0 | 614.3 | 581.9 | 540.2 | 484.2 | 438.5 | 425.6 | 441.4 | 473.1 |
| 130° | 680.3 | 677.4 | 666.8 | 646.6 | 614.9 | 575.5 | 518.8 | 467.0 | 448.7 | 458.3 | 486.2 |
| 132.5° | 717.9 | 709.7 | 700.6 | 678.9 | 649.5 | 608.6 | 551.1 | 496.9 | 471.8 | 476.0 | 497.7 |
| 135° | 765.8 | 758.1 | 746.5 | 725.4 | 697.5 | 657.2 | 599.5 | 540.9 | 506.3 | 502.5 | 515.0 |
| 137.5° | 807.8 | 799.8 | 786.7 | 768.5 | 740.4 | 704.5 | 649.1 | 587.2 | 543.6 | 530.7 | 535.6 |
| 140° | 834.0 | 824.4 | 812.8 | 794.6 | 769.6 | 732.1 | 678.3 | 618.8 | 569.8 | 551.5 | 548.6 |
| 142.5° | 855.5 | 848.2 | 835.9 | 819.2 | 797.3 | 759.8 | 707.5 | 648.7 | 596.7 | 573.0 | 566.3 |
| 145° | 887.8 | 882.0 | 868.6 | 853.2 | 834.9 | 797.5 | 749.4 | 690.8 | 638.9 | 608.2 | 593.8 |
| 147.5° | 915.1 | 910.5 | 899.9 | 881.8 | 866.5 | 830.5 | 786.7 | 734.8 | 681.6 | 643.5 | 624.9 |
| 150° | 932.0 | 928.1 | 917.6 | 900.3 | 884.9 | 851.3 | 809.0 | 761.0 | 710.0 | 669.7 | 645.7 |
| 152.5° | 948.1 | 944.3 | 932.2 | 914.9 | 901.8 | 870.5 | 832.1 | 786.3 | 734.6 | 694.3 | 669.5 |
| 155° | 969.5 | 964.6 | 953.1 | 936.8 | 925.3 | 896.4 | 860.9 | 820.5 | 776.3 | 734.1 | 706.2 |
| 157.5° | 986.4 | 980.4 | 969.6 | 955.6 | 943.3 | 916.8 | 885.9 | 851.1 | 812.5 | 772.1 | 743.7 |
| 160° | 996.4 | 989.6 | 978.1 | 965.6 | 954.1 | 929.1 | 901.2 | 869.5 | 834.0 | 797.5 | 766.7 |
| 162.5° | 1003.3 | 997.3 | 983.5 | 972.5 | 962.5 | 939.9 | 913.5 | 884.9 | 853.2 | 821.3 | 792.9 |
| 165° | 1010.8 | 1004.0 | 989.6 | 981.0 | 972.3 | 953.1 | 930.1 | 907.0 | 880.1 | 854.2 | 831.1 |
| 167.5° | 1011.3 | 1005.8 | 991.4 | 982.9 | 976.6 | 960.0 | 941.4 | 923.7 | 902.8 | 882.4 | 863.2 |
| 170° | 1009.8 | 1005.0 | 990.6 | 982.9 | 978.1 | 964.6 | 948.3 | 932.9 | 916.6 | 899.3 | 883.9 |
| 172.5° | 1004.4 | 999.6 | 986.0 | 979.8 | 977.3 | 965.4 | 952.2 | 940.6 | 926.6 | 913.9 | 901.6 |
| 175° | 990.6 | 986.7 | 975.2 | 971.4 | 972.3 | 964.6 | 955.0 | 948.3 | 939.7 | 932.0 | 925.3 |
| 177.5° | 970.4 | 968.1 | 959.7 | 959.7 | 962.7 | 958.1 | 955.0 | 952.0 | 948.1 | 945.8 | 943.5 |
| 180° | 951.2 | 951.2 | 951.2 | 951.2 | 951.2 | 951.2 | 951.2 | 951.2 | 951.2 | 951.2 | 951.2 |



TEST NUMBER: P1428248

CATALOG NUMBER: SQ2W-PR1-K-075U-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2278.7 | 2278.7 | 2278.7 | 2278.7 | 2278.7 | 2278.7 | 2278.7 | 2278.7 | 2278.7 | 2278.7 | 2278.7 |
| 2.5° | 2277.0 | 2271.6 | 2272.5 | 2273.7 | 2276.2 | 2278.7 | 2276.2 | 2273.7 | 2272.5 | 2271.6 | 2277.0 |
| 5° | 2286.7 | 2282.0 | 2284.1 | 2288.2 | 2298.5 | 2308.9 | 2298.5 | 2288.2 | 2284.1 | 2282.0 | 2286.7 |
| 7.5° | 2312.7 | 2312.8 | 2318.8 | 2326.7 | 2340.3 | 2353.9 | 2340.3 | 2326.7 | 2318.8 | 2312.8 | 2312.7 |
| 10° | 2324.9 | 2323.3 | 2324.3 | 2328.7 | 2343.2 | 2357.6 | 2343.2 | 2328.7 | 2324.3 | 2323.3 | 2324.9 |
| 12.5° | 2303.2 | 2294.2 | 2292.8 | 2293.6 | 2301.5 | 2309.3 | 2301.5 | 2293.6 | 2292.8 | 2294.2 | 2303.2 |
| 15° | 2250.3 | 2233.8 | 2236.9 | 2240.5 | 2245.6 | 2250.8 | 2245.6 | 2240.5 | 2236.9 | 2233.8 | 2250.3 |
| 17.5° | 2199.3 | 2187.6 | 2198.8 | 2209.7 | 2219.8 | 2229.9 | 2219.8 | 2209.7 | 2198.8 | 2187.6 | 2199.3 |
| 20° | 2171.8 | 2165.1 | 2179.6 | 2194.8 | 2212.3 | 2229.9 | 2212.3 | 2194.8 | 2179.6 | 2165.1 | 2171.8 |
| 22.5° | 2147.0 | 2145.7 | 2165.9 | 2187.1 | 2211.3 | 2235.5 | 2211.3 | 2187.1 | 2165.9 | 2145.7 | 2147.0 |
| 25° | 2107.8 | 2119.2 | 2153.2 | 2185.5 | 2212.3 | 2239.2 | 2212.3 | 2185.5 | 2153.2 | 2119.2 | 2107.8 |
| 27.5° | 2064.1 | 2093.1 | 2139.1 | 2178.4 | 2197.2 | 2215.9 | 2197.2 | 2178.4 | 2139.1 | 2093.1 | 2064.1 |
| 30° | 2037.9 | 2073.5 | 2113.7 | 2145.7 | 2153.0 | 2160.2 | 2153.0 | 2145.7 | 2113.7 | 2073.5 | 2037.9 |
| 32.5° | 2007.3 | 2041.7 | 2063.0 | 2076.6 | 2067.3 | 2058.0 | 2067.3 | 2076.6 | 2063.0 | 2041.7 | 2007.3 |
| 35° | 1952.7 | 1975.4 | 1958.9 | 1941.6 | 1922.0 | 1902.4 | 1922.0 | 1941.6 | 1958.9 | 1975.4 | 1952.7 |
| 37.5° | 1853.5 | 1853.1 | 1804.8 | 1763.0 | 1740.4 | 1717.9 | 1740.4 | 1763.0 | 1804.8 | 1853.1 | 1853.5 |
| 40° | 1772.8 | 1750.1 | 1677.8 | 1617.2 | 1591.4 | 1565.6 | 1591.4 | 1617.2 | 1677.8 | 1750.1 | 1772.8 |
| 42.5° | 1668.1 | 1619.4 | 1527.3 | 1450.4 | 1418.8 | 1387.2 | 1418.8 | 1450.4 | 1527.3 | 1619.4 | 1668.1 |
| 45° | 1476.5 | 1397.0 | 1296.9 | 1213.0 | 1177.9 | 1142.8 | 1177.9 | 1213.0 | 1296.9 | 1397.0 | 1476.5 |
| 47.5° | 1262.6 | 1170.1 | 1080.7 | 1005.5 | 972.6 | 939.8 | 972.6 | 1005.5 | 1080.7 | 1170.1 | 1262.6 |
| 50° | 1126.6 | 1033.6 | 950.0 | 878.3 | 842.1 | 806.0 | 842.1 | 878.3 | 950.0 | 1033.6 | 1126.6 |
| 52.5° | 1005.2 | 914.7 | 831.1 | 760.2 | 727.3 | 694.5 | 727.3 | 760.2 | 831.1 | 914.7 | 1005.2 |
| 55° | 832.6 | 750.0 | 670.5 | 605.2 | 582.5 | 559.8 | 582.5 | 605.2 | 670.5 | 750.0 | 832.6 |
| 57.5° | 685.0 | 611.5 | 544.0 | 489.2 | 472.5 | 455.7 | 472.5 | 489.2 | 544.0 | 611.5 | 685.0 |
| 60° | 590.2 | 524.2 | 471.5 | 428.7 | 415.3 | 401.8 | 415.3 | 428.7 | 471.5 | 524.2 | 590.2 |
| 62.5° | 512.4 | 453.4 | 411.4 | 377.5 | 367.4 | 357.2 | 367.4 | 377.5 | 411.4 | 453.4 | 512.4 |
| 65° | 418.1 | 369.6 | 337.6 | 311.8 | 304.5 | 297.3 | 304.5 | 311.8 | 337.6 | 369.6 | 418.1 |
| 67.5° | 343.8 | 304.7 | 279.5 | 258.9 | 252.1 | 245.3 | 252.1 | 258.9 | 279.5 | 304.7 | 343.8 |
| 70° | 299.6 | 265.1 | 242.3 | 224.0 | 218.9 | 213.7 | 218.9 | 224.0 | 242.3 | 265.1 | 299.6 |
| 72.5° | 257.7 | 228.1 | 209.5 | 194.7 | 191.2 | 187.7 | 191.2 | 194.7 | 209.5 | 228.1 | 257.7 |
| 75° | 197.7 | 175.0 | 162.6 | 152.8 | 150.7 | 148.7 | 150.7 | 152.8 | 162.6 | 175.0 | 197.7 |
| 77.5° | 140.9 | 125.2 | 121.1 | 118.0 | 118.0 | 118.0 | 118.0 | 118.0 | 121.1 | 125.2 | 140.9 |
| 80° | 107.9 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 107.9 |
| 82.5° | 81.0 | 75.3 | 75.3 | 75.1 | 74.2 | 73.4 | 74.2 | 75.1 | 75.3 | 75.3 | 81.0 |
| 85° | 44.1 | 41.0 | 34.8 | 29.4 | 26.3 | 23.2 | 26.3 | 29.4 | 34.8 | 41.0 | 44.1 |
| 87.5° | 12.1 | 11.3 | 12.7 | 13.5 | 14.2 | 13.8 | 14.2 | 13.5 | 12.7 | 11.3 | 12.1 |
| 90° | 22.1 | 28.8 | 35.5 | 39.4 | 43.2 | 41.3 | 43.2 | 39.4 | 35.5 | 28.8 | 22.1 |
| 92.5° | 44.4 | 55.7 | 64.0 | 70.9 | 74.0 | 73.6 | 74.0 | 70.9 | 64.0 | 55.7 | 44.4 |
| 95° | 89.4 | 102.8 | 116.3 | 125.9 | 131.6 | 129.7 | 131.6 | 125.9 | 116.3 | 102.8 | 89.4 |
| 97.5° | 137.8 | 155.8 | 170.8 | 179.9 | 185.6 | 189.5 | 185.6 | 179.9 | 170.8 | 155.8 | 137.8 |
| 100° | 170.1 | 187.4 | 204.7 | 215.2 | 224.8 | 228.7 | 224.8 | 215.2 | 204.7 | 187.4 | 170.1 |
| 102.5° | 196.2 | 218.9 | 237.7 | 249.0 | 257.1 | 261.0 | 257.1 | 249.0 | 237.7 | 218.9 | 196.2 |
| 105° | 239.2 | 263.3 | 283.4 | 297.8 | 306.5 | 309.4 | 306.5 | 297.8 | 283.4 | 263.3 | 239.2 |
| 107.5° | 282.3 | 307.1 | 325.7 | 341.7 | 352.2 | 358.4 | 352.2 | 341.7 | 325.7 | 307.1 | 282.3 |
| 110° | 316.1 | 336.3 | 356.5 | 370.9 | 381.4 | 385.3 | 381.4 | 370.9 | 356.5 | 336.3 | 316.1 |



TEST NUMBER: P1428248

CATALOG NUMBER: SQ2W-PR1-K-075U-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 344.5 | 367.0 | 387.2 | 401.6 | 413.7 | 419.1 | 413.7 | 401.6 | 387.2 | 367.0 | 344.5 |
| 115° | 384.3 | 414.1 | 432.4 | 445.8 | 454.5 | 459.3 | 454.5 | 445.8 | 432.4 | 414.1 | 384.3 |
| 117.5° | 417.4 | 448.5 | 468.5 | 478.9 | 482.9 | 486.4 | 482.9 | 478.9 | 468.5 | 448.5 | 417.4 |
| 120° | 438.1 | 467.0 | 490.0 | 503.5 | 508.3 | 510.2 | 508.3 | 503.5 | 490.0 | 467.0 | 438.1 |
| 122.5° | 457.3 | 484.6 | 506.9 | 523.4 | 531.3 | 533.2 | 531.3 | 523.4 | 506.9 | 484.6 | 457.3 |
| 125° | 484.2 | 510.2 | 533.2 | 549.6 | 558.2 | 563.0 | 558.2 | 549.6 | 533.2 | 510.2 | 484.2 |
| 127.5° | 507.7 | 535.7 | 556.9 | 571.7 | 580.1 | 584.0 | 580.1 | 571.7 | 556.9 | 535.7 | 507.7 |
| 130° | 520.8 | 549.6 | 570.7 | 587.1 | 594.7 | 598.6 | 594.7 | 587.1 | 570.7 | 549.6 | 520.8 |
| 132.5° | 530.7 | 561.1 | 583.0 | 597.8 | 606.3 | 610.1 | 606.3 | 597.8 | 583.0 | 561.1 | 530.7 |
| 135° | 542.9 | 574.6 | 597.6 | 612.0 | 619.7 | 623.6 | 619.7 | 612.0 | 597.6 | 574.6 | 542.9 |
| 137.5° | 553.4 | 582.2 | 606.3 | 621.4 | 628.4 | 630.9 | 628.4 | 621.4 | 606.3 | 582.2 | 553.4 |
| 140° | 561.1 | 586.1 | 610.1 | 624.5 | 632.2 | 633.2 | 632.2 | 624.5 | 610.1 | 586.1 | 561.1 |
| 142.5° | 571.1 | 590.7 | 611.6 | 626.1 | 633.7 | 635.5 | 633.7 | 626.1 | 611.6 | 590.7 | 571.1 |
| 145° | 589.0 | 600.5 | 614.9 | 628.4 | 635.1 | 637.0 | 635.1 | 628.4 | 614.9 | 600.5 | 589.0 |
| 147.5° | 611.5 | 615.1 | 622.6 | 631.4 | 638.0 | 639.3 | 638.0 | 631.4 | 622.6 | 615.1 | 611.5 |
| 150° | 628.4 | 627.4 | 630.3 | 636.1 | 641.8 | 640.9 | 641.8 | 636.1 | 630.3 | 627.4 | 628.4 |
| 152.5° | 647.6 | 642.0 | 641.8 | 644.5 | 647.2 | 647.0 | 647.2 | 644.5 | 641.8 | 642.0 | 647.6 |
| 155° | 680.3 | 669.7 | 663.9 | 662.0 | 662.0 | 661.0 | 662.0 | 662.0 | 663.9 | 669.7 | 680.3 |
| 157.5° | 716.2 | 701.4 | 692.7 | 688.1 | 686.8 | 684.7 | 686.8 | 688.1 | 692.7 | 701.4 | 716.2 |
| 160° | 740.8 | 724.4 | 715.8 | 708.1 | 705.2 | 702.3 | 705.2 | 708.1 | 715.8 | 724.4 | 740.8 |
| 162.5° | 763.8 | 748.3 | 738.9 | 731.9 | 729.1 | 724.6 | 729.1 | 731.9 | 738.9 | 748.3 | 763.8 |
| 165° | 801.3 | 785.0 | 774.4 | 768.6 | 764.8 | 761.0 | 764.8 | 768.6 | 774.4 | 785.0 | 801.3 |
| 167.5° | 838.8 | 820.9 | 814.0 | 807.5 | 803.8 | 796.9 | 803.8 | 807.5 | 814.0 | 820.9 | 838.8 |
| 170° | 861.8 | 845.5 | 841.7 | 835.9 | 829.2 | 821.5 | 829.2 | 835.9 | 841.7 | 845.5 | 861.8 |
| 172.5° | 881.8 | 870.9 | 867.0 | 861.3 | 859.2 | 853.0 | 859.2 | 861.3 | 867.0 | 870.9 | 881.8 |
| 175° | 910.8 | 902.2 | 902.2 | 901.2 | 898.4 | 892.6 | 898.4 | 901.2 | 902.2 | 902.2 | 910.8 |
| 177.5° | 935.1 | 930.4 | 933.5 | 933.5 | 932.8 | 927.4 | 932.8 | 933.5 | 933.5 | 930.4 | 935.1 |
| 180° | 951.2 | 951.2 | 951.2 | 951.2 | 951.2 | 951.2 | 951.2 | 951.2 | 951.2 | 951.2 | 951.2 |



TEST NUMBER: P1428248

CATALOG NUMBER: SQ2W-PR1-K-075U-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|
| 0° | 2278.7 | 2278.7 | 2278.7 | 2278.7 |
| 2.5° | 2288.6 | 2294.1 | 2281.8 | 2269.4 |
| 5° | 2298.0 | 2302.1 | 2284.6 | 2267.0 |
| 7.5° | 2318.5 | 2316.6 | 2291.6 | 2266.6 |
| 10° | 2329.0 | 2324.6 | 2294.7 | 2264.7 |
| 12.5° | 2319.7 | 2323.4 | 2288.5 | 2253.6 |
| 15° | 2286.4 | 2303.2 | 2261.9 | 2220.6 |
| 17.5° | 2233.8 | 2248.8 | 2205.7 | 2162.5 |
| 20° | 2199.7 | 2210.0 | 2167.7 | 2125.4 |
| 22.5° | 2170.0 | 2176.6 | 2134.2 | 2091.9 |
| 25° | 2119.2 | 2118.4 | 2081.2 | 2044.1 |
| 27.5° | 2052.1 | 2037.7 | 2015.8 | 1993.9 |
| 30° | 2006.9 | 1980.1 | 1965.6 | 1951.1 |
| 32.5° | 1959.8 | 1922.0 | 1913.4 | 1904.7 |
| 35° | 1890.8 | 1842.5 | 1835.3 | 1828.0 |
| 37.5° | 1806.1 | 1766.7 | 1751.9 | 1737.0 |
| 40° | 1746.0 | 1719.6 | 1694.9 | 1670.1 |
| 42.5° | 1673.5 | 1667.6 | 1628.0 | 1588.3 |
| 45° | 1535.4 | 1566.1 | 1512.4 | 1458.7 |
| 47.5° | 1358.2 | 1416.1 | 1361.0 | 1305.9 |
| 50° | 1228.8 | 1294.3 | 1249.9 | 1205.5 |
| 52.5° | 1102.4 | 1167.3 | 1135.3 | 1103.3 |
| 55° | 918.3 | 978.4 | 961.9 | 945.4 |
| 57.5° | 764.5 | 821.5 | 811.0 | 800.4 |
| 60° | 669.7 | 727.6 | 720.3 | 713.1 |
| 62.5° | 588.6 | 644.3 | 638.8 | 633.2 |
| 65° | 483.1 | 530.6 | 525.5 | 520.3 |
| 67.5° | 396.9 | 436.0 | 433.3 | 430.6 |
| 70° | 346.1 | 380.7 | 379.6 | 378.6 |
| 72.5° | 298.4 | 329.3 | 330.7 | 332.2 |
| 75° | 230.7 | 256.3 | 259.4 | 262.5 |
| 77.5° | 168.2 | 189.4 | 192.7 | 196.0 |
| 80° | 128.5 | 145.0 | 149.2 | 153.3 |
| 82.5° | 92.6 | 102.7 | 108.5 | 114.3 |
| 85° | 44.1 | 45.4 | 50.6 | 55.7 |
| 87.5° | 15.2 | 17.0 | 16.2 | 15.4 |
| 90° | 17.3 | 10.6 | 6.7 | 2.9 |
| 92.5° | 37.3 | 25.9 | 18.3 | 10.6 |
| 95° | 74.9 | 59.6 | 42.3 | 29.8 |
| 97.5° | 119.3 | 94.5 | 77.4 | 56.9 |
| 100° | 143.2 | 119.1 | 102.8 | 80.7 |
| 102.5° | 169.3 | 149.1 | 126.6 | 104.5 |
| 105° | 216.2 | 191.2 | 165.3 | 140.3 |
| 107.5° | 259.6 | 232.1 | 201.0 | 178.5 |
| 110° | 287.3 | 257.5 | 224.8 | 204.7 |



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CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|-------|-------|-------|-------|
| 112.5° | 314.2 | 283.6 | 250.2 | 230.0 |
| 115° | 350.7 | 317.1 | 286.3 | 269.0 |
| 117.5° | 385.9 | 351.3 | 318.8 | 305.2 |
| 120° | 407.4 | 372.8 | 341.1 | 330.5 |
| 122.5° | 425.1 | 391.2 | 361.8 | 357.4 |
| 125° | 451.6 | 417.0 | 392.0 | 397.8 |
| 127.5° | 473.1 | 441.4 | 425.6 | 438.5 |
| 130° | 486.2 | 458.3 | 448.7 | 467.0 |
| 132.5° | 497.7 | 476.0 | 471.8 | 496.9 |
| 135° | 515.0 | 502.5 | 506.3 | 540.9 |
| 137.5° | 535.6 | 530.7 | 543.6 | 587.2 |
| 140° | 548.6 | 551.5 | 569.8 | 618.8 |
| 142.5° | 566.3 | 573.0 | 596.7 | 648.7 |
| 145° | 593.8 | 608.2 | 638.9 | 690.8 |
| 147.5° | 624.9 | 643.5 | 681.6 | 734.8 |
| 150° | 645.7 | 669.7 | 710.0 | 761.0 |
| 152.5° | 669.5 | 694.3 | 734.6 | 786.3 |
| 155° | 706.2 | 734.1 | 776.3 | 820.5 |
| 157.5° | 743.7 | 772.1 | 812.5 | 851.1 |
| 160° | 766.7 | 797.5 | 834.0 | 869.5 |
| 162.5° | 792.9 | 821.3 | 853.2 | 884.9 |
| 165° | 831.1 | 854.2 | 880.1 | 907.0 |
| 167.5° | 863.2 | 882.4 | 902.8 | 923.7 |
| 170° | 883.9 | 899.3 | 916.6 | 932.9 |
| 172.5° | 901.6 | 913.9 | 926.6 | 940.6 |
| 175° | 925.3 | 932.0 | 939.7 | 948.3 |
| 177.5° | 943.5 | 945.8 | 948.1 | 952.0 |
| 180° | 951.2 | 951.2 | 951.2 | 951.2 |



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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 | 20.61 | 21.58 | 21.42 | 22.41 | 23.43 | 16.98 | 17.95 | 17.79 | 18.78 | 19.80 |
| | 3H | 21.83 | 22.69 | 22.65 | 23.53 | 24.58 | 18.15 | 19.02 | 18.98 | 19.86 | 20.91 |
| | 4H | 22.32 | 23.13 | 23.16 | 23.98 | 25.04 | 18.62 | 19.44 | 19.46 | 20.28 | 21.34 |
| | 6H | 22.62 | 23.37 | 23.48 | 24.23 | 25.30 | 18.97 | 19.72 | 19.82 | 20.57 | 21.65 |
| | 8H | 22.73 | 23.44 | 23.59 | 24.31 | 25.38 | 19.11 | 19.82 | 19.97 | 20.69 | 21.77 |
| | 12H | 22.77 | 23.45 | 23.64 | 24.31 | 25.41 | 19.14 | 19.82 | 20.01 | 20.69 | 21.79 |
| 4H | 2H | 20.73 | 21.55 | 21.58 | 22.39 | 23.45 | 17.71 | 18.52 | 18.55 | 19.37 | 20.43 |
| | 3H | 22.20 | 22.88 | 23.06 | 23.75 | 24.83 | 19.07 | 19.75 | 19.93 | 20.63 | 21.70 |
| | 4H | 22.83 | 23.45 | 23.70 | 24.32 | 25.42 | 19.62 | 20.24 | 20.49 | 21.11 | 22.21 |
| | 6H | 23.27 | 23.80 | 24.16 | 24.70 | 25.80 | 20.06 | 20.59 | 20.95 | 21.49 | 22.59 |
| | 8H | 23.43 | 23.92 | 24.32 | 24.82 | 25.94 | 20.25 | 20.74 | 21.13 | 21.63 | 22.75 |
| | 12H | 23.50 | 23.94 | 24.41 | 24.86 | 25.98 | 20.30 | 20.74 | 21.21 | 21.65 | 22.78 |
| 8H | 4H | 22.87 | 23.36 | 23.75 | 24.25 | 25.37 | 19.96 | 20.45 | 20.84 | 21.34 | 22.46 |
| | 6H | 23.40 | 23.81 | 24.32 | 24.75 | 25.86 | 20.50 | 20.91 | 21.42 | 21.84 | 22.96 |
| | 8H | 23.64 | 24.00 | 24.56 | 24.93 | 26.06 | 20.76 | 21.12 | 21.69 | 22.05 | 23.19 |
| | 12H | 23.76 | 24.08 | 24.69 | 25.00 | 26.19 | 20.86 | 21.18 | 21.79 | 22.10 | 23.29 |
| 12H | 4H | 22.83 | 23.27 | 23.74 | 24.19 | 25.31 | 19.98 | 20.42 | 20.89 | 21.34 | 22.46 |
| | 6H | 23.39 | 23.75 | 24.32 | 24.68 | 25.82 | 20.57 | 20.93 | 21.50 | 21.86 | 23.00 |
| | 8H | 23.65 | 23.97 | 24.57 | 24.89 | 26.07 | 20.87 | 21.19 | 21.79 | 22.11 | 23.29 |