

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



Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: CORELITE

Report Number: P1427607

Luminaire Tested: SQ2W-BBN-K-075U-075D-L935-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2024
Report Number: P1427607
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G3-2308-130-1)
Test Lab: INNOVATION CENTER
Issue Date: 3/10/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ2W-BBN-K-075U-075D-L935-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - BLACK DISCREET BAFFLE, NARROW 35-DEGREE OPTIC
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 750 LUMENS PER FOOT
UPLIGHT 750 LUMENS PER FOOT
Light Source: 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

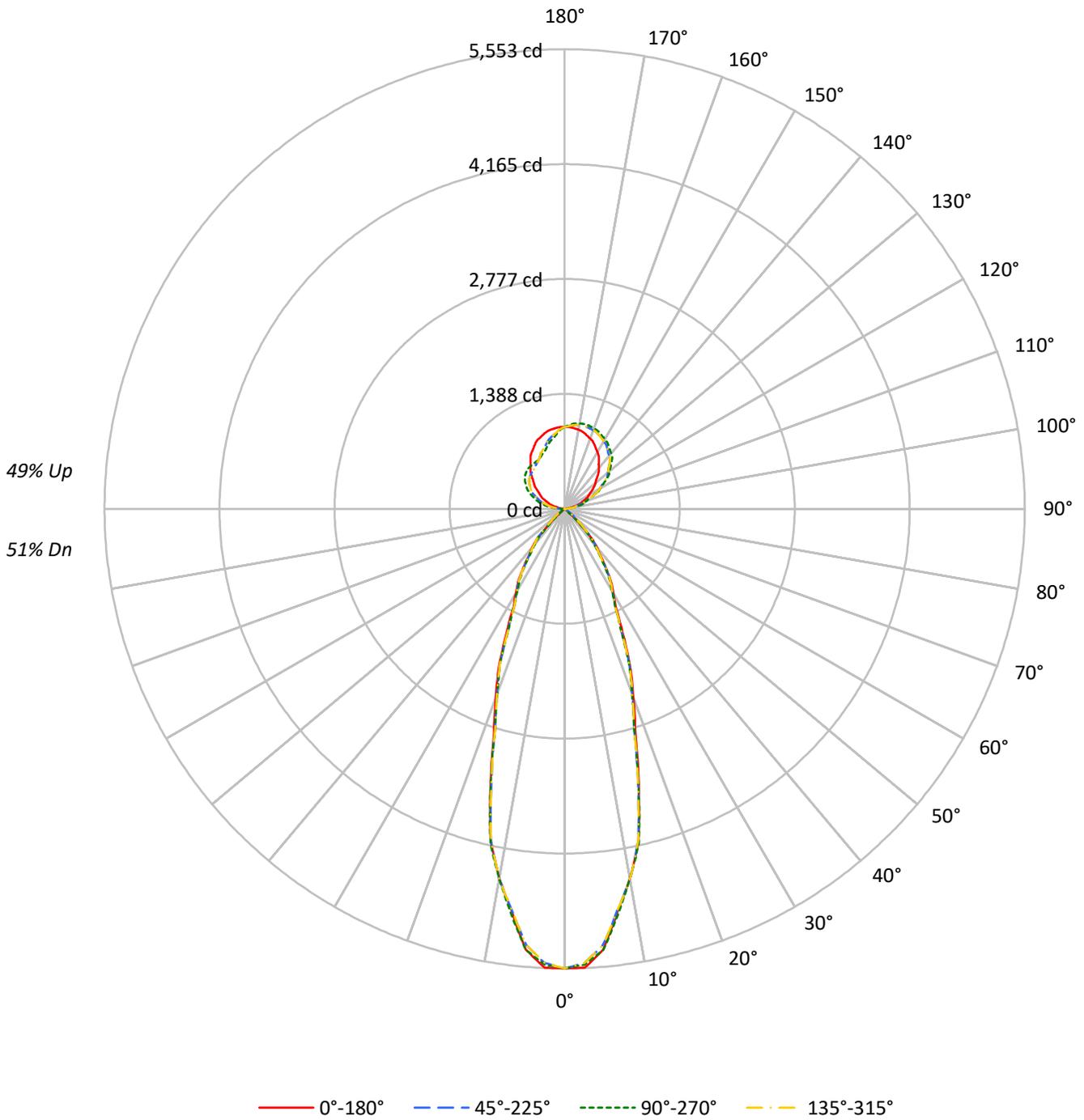
Lumens per Lamp: N/A
Luminaire Lumens: 5893.5 lumens
Efficiency: N/A
Efficacy: 115.1 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.62
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 51.2
Input Voltage (V): 120
Input Current (A_{in}): 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: P1427607

CATALOG NUMBER: SQ2W-BBN-K-075U-075D-L935-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P1427607

CATALOG NUMBER: SQ2W-BBN-K-075U-075D-L935-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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 84 | 84 | 84 | 70 | 70 | 70 | 57 | 57 | 57 | 51 |
| 1 | 100 | 97 | 94 | 91 | 93 | 90 | 88 | 85 | 77 | 75 | 74 | 65 | 64 | 63 | 54 | 54 | 53 | 48 |
| 2 | 94 | 88 | 84 | 80 | 87 | 82 | 78 | 75 | 71 | 68 | 66 | 61 | 59 | 57 | 51 | 50 | 49 | 45 |
| 3 | 88 | 81 | 75 | 70 | 82 | 75 | 71 | 67 | 66 | 62 | 59 | 57 | 54 | 52 | 49 | 47 | 46 | 42 |
| 4 | 82 | 74 | 68 | 63 | 77 | 69 | 64 | 60 | 61 | 57 | 54 | 53 | 50 | 48 | 46 | 44 | 43 | 39 |
| 5 | 77 | 68 | 61 | 57 | 72 | 64 | 58 | 54 | 57 | 52 | 49 | 50 | 47 | 45 | 43 | 41 | 40 | 37 |
| 6 | 72 | 63 | 56 | 52 | 68 | 59 | 54 | 49 | 53 | 49 | 45 | 47 | 44 | 41 | 41 | 39 | 37 | 35 |
| 7 | 68 | 58 | 52 | 47 | 64 | 55 | 50 | 45 | 50 | 45 | 42 | 44 | 41 | 39 | 39 | 37 | 35 | 33 |
| 8 | 64 | 54 | 48 | 44 | 60 | 52 | 46 | 42 | 46 | 42 | 39 | 42 | 38 | 36 | 37 | 35 | 33 | 31 |
| 9 | 61 | 51 | 45 | 40 | 57 | 48 | 43 | 39 | 44 | 39 | 36 | 39 | 36 | 34 | 35 | 33 | 31 | 29 |
| 10 | 58 | 48 | 42 | 38 | 54 | 46 | 40 | 36 | 41 | 37 | 34 | 37 | 34 | 32 | 34 | 31 | 30 | 28 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 89661 | 89661 | 89661 | 89661 |
| 5° | 86662 | 86710 | 86662 | 86710 |
| 10° | 74374 | 74374 | 74374 | 74374 |
| 15° | 57727 | 57594 | 57727 | 57594 |
| 20° | 41664 | 40769 | 41664 | 40769 |
| 25° | 29542 | 28418 | 29542 | 28418 |
| 30° | 21979 | 21214 | 21979 | 21214 |
| 35° | 17102 | 16312 | 17102 | 16312 |
| 40° | 12656 | 11558 | 12656 | 11558 |
| 45° | 6466 | 5211 | 6466 | 5211 |
| 50° | 1407 | 1030 | 1407 | 1030 |
| 55° | 394 | 310 | 394 | 310 |
| 60° | 65 | 32 | 65 | 32 |
| 65° | 0 | 0 | 0 | 0 |
| 70° | 0 | 0 | 0 | 0 |
| 75° | 0 | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 40°
 Vertical Angle: 45°
 Luminance: 7889 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 480.2 | 8.1 |
| 10°-20° | 946.8 | 16.1 |
| 20°-30° | 763.7 | 13.0 |
| 30°-40° | 530.5 | 9.0 |
| 40°-50° | 245.1 | 4.2 |
| 50°-60° | 34.3 | 0.6 |
| 60°-70° | 1.2 | 0.0 |
| 70°-80° | 0.0 | 0.0 |
| 80°-90° | 5.3 | 0.1 |
| 90°-100° | 78.7 | 1.3 |
| 100°-110° | 229.5 | 3.9 |
| 110°-120° | 374.6 | 6.4 |
| 120°-130° | 475.3 | 8.1 |
| 130°-140° | 508.6 | 8.6 |
| 140°-150° | 474.9 | 8.1 |
| 150°-160° | 390.8 | 6.6 |
| 160°-170° | 262.1 | 4.4 |
| 170°-180° | 93.1 | 1.6 |
| 0°-30° | 2190.7 | 37.2 |
| 0°-40° | 2721.2 | 46.2 |
| 0°-60° | 3000.6 | 50.9 |
| 0°-90° | 3007.0 | 51.0 |
| 90°-120° | 682.8 | 11.6 |
| 90°-150° | 2141.7 | 36.3 |
| 90°-180° | 2888.0 | 49.0 |
| 0°-180° | 5893.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 5553 | 5553 | 5553 | 5553 | 5553 | |
| 5° | 5347 | 5350 | 5347 | 5350 | 5347 | 481 |
| 15° | 3454 | 3446 | 3454 | 3446 | 3454 | 951 |
| 25° | 1658 | 1595 | 1658 | 1595 | 1658 | 776 |
| 35° | 868 | 828 | 868 | 828 | 868 | 543 |
| 45° | 283 | 228 | 283 | 228 | 283 | 229 |
| 55° | 14 | 11 | 14 | 11 | 14 | 18 |
| 65° | 0 | 0 | 0 | 0 | 0 | 0 |
| 75° | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 |
| 90° | 3 | 22 | 3 | 43 | 3 | 2 |
| 95° | 31 | 23 | 31 | 135 | 31 | 37 |
| 105° | 146 | 234 | 146 | 322 | 146 | 155 |
| 115° | 280 | 388 | 280 | 478 | 280 | 276 |
| 125° | 414 | 614 | 414 | 585 | 414 | 370 |
| 135° | 562 | 804 | 562 | 648 | 562 | 435 |
| 145° | 718 | 927 | 718 | 662 | 718 | 449 |
| 155° | 853 | 1007 | 853 | 687 | 853 | 392 |
| 165° | 943 | 1050 | 943 | 791 | 943 | 265 |
| 175° | 986 | 1028 | 986 | 928 | 986 | 94 |
| 180° | 989 | 989 | 989 | 989 | 989 | |



TEST NUMBER: P1427607

CATALOG NUMBER: SQ2W-BBN-K-075U-075D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5553.3 | 5553.3 | 5553.3 | 5553.3 | 5553.3 | 5553.3 | 5553.3 | 5553.3 | 5553.3 | 5553.3 | 5553.3 |
| 2.5° | 5550.1 | 5540.8 | 5531.6 | 5513.2 | 5491.9 | 5491.0 | 5510.6 | 5523.7 | 5517.7 | 5511.6 | 5517.7 |
| 5° | 5347.1 | 5334.2 | 5321.3 | 5305.7 | 5289.3 | 5295.5 | 5324.4 | 5346.5 | 5348.3 | 5350.1 | 5348.3 |
| 7.5° | 4899.2 | 4903.3 | 4907.5 | 4896.8 | 4881.2 | 4889.3 | 4921.4 | 4944.5 | 4941.1 | 4937.6 | 4941.1 |
| 10° | 4536.5 | 4539.6 | 4542.7 | 4542.1 | 4540.4 | 4544.8 | 4555.5 | 4560.5 | 4548.5 | 4536.5 | 4548.5 |
| 12.5° | 4116.2 | 4128.5 | 4140.9 | 4126.6 | 4103.5 | 4099.9 | 4116.0 | 4129.2 | 4134.3 | 4139.4 | 4134.3 |
| 15° | 3453.6 | 3473.7 | 3493.7 | 3465.3 | 3420.8 | 3409.3 | 3430.6 | 3446.5 | 3446.1 | 3445.6 | 3446.1 |
| 17.5° | 2832.4 | 2830.3 | 2828.3 | 2810.8 | 2788.1 | 2778.7 | 2782.7 | 2785.4 | 2784.1 | 2782.7 | 2784.1 |
| 20° | 2424.9 | 2421.7 | 2418.6 | 2403.5 | 2384.4 | 2373.3 | 2370.2 | 2368.4 | 2370.6 | 2372.8 | 2370.6 |
| 22.5° | 2075.8 | 2070.5 | 2065.3 | 2059.0 | 2052.3 | 2045.1 | 2037.4 | 2032.3 | 2035.2 | 2038.2 | 2035.2 |
| 25° | 1658.3 | 1641.4 | 1624.5 | 1610.9 | 1598.4 | 1597.6 | 1608.2 | 1613.9 | 1604.6 | 1595.2 | 1604.6 |
| 27.5° | 1331.0 | 1330.8 | 1330.5 | 1322.5 | 1311.9 | 1307.2 | 1308.3 | 1309.6 | 1311.4 | 1313.2 | 1311.4 |
| 30° | 1178.9 | 1175.8 | 1172.7 | 1164.2 | 1154.0 | 1149.1 | 1149.5 | 1148.5 | 1143.2 | 1137.9 | 1143.2 |
| 32.5° | 1043.6 | 1045.8 | 1048.0 | 1039.1 | 1026.3 | 1018.8 | 1016.4 | 1013.2 | 1007.9 | 1002.6 | 1007.9 |
| 35° | 867.7 | 867.7 | 867.7 | 860.3 | 850.5 | 842.3 | 835.6 | 830.3 | 829.0 | 827.6 | 829.0 |
| 37.5° | 704.5 | 703.7 | 702.9 | 697.5 | 690.6 | 682.4 | 673.0 | 665.0 | 661.6 | 658.1 | 661.6 |
| 40° | 600.5 | 598.2 | 596.0 | 592.1 | 587.7 | 579.7 | 568.1 | 558.2 | 553.3 | 548.4 | 553.3 |
| 42.5° | 482.0 | 487.9 | 493.9 | 492.0 | 487.6 | 479.6 | 468.0 | 457.5 | 450.1 | 442.7 | 450.1 |
| 45° | 283.2 | 308.1 | 333.0 | 341.9 | 345.5 | 340.6 | 327.3 | 307.3 | 267.8 | 228.2 | 267.8 |
| 47.5° | 121.7 | 149.1 | 176.5 | 199.5 | 221.0 | 214.2 | 179.1 | 144.5 | 111.6 | 78.7 | 111.6 |
| 50° | 56.0 | 77.4 | 98.7 | 127.4 | 158.6 | 152.1 | 108.1 | 71.3 | 56.2 | 41.0 | 56.2 |
| 52.5° | 32.8 | 43.5 | 54.2 | 81.0 | 113.2 | 110.3 | 72.3 | 41.8 | 33.8 | 25.8 | 33.8 |
| 55° | 14.0 | 17.6 | 21.1 | 35.7 | 53.9 | 53.0 | 33.0 | 17.2 | 14.1 | 11.0 | 14.1 |
| 57.5° | 5.2 | 7.2 | 9.1 | 14.3 | 20.7 | 20.3 | 13.1 | 7.4 | 5.8 | 4.2 | 5.8 |
| 60° | 2.0 | 2.9 | 3.8 | 6.3 | 9.5 | 9.2 | 5.7 | 2.8 | 1.9 | 1.0 | 1.9 |
| 62.5° | 0.4 | 0.9 | 1.5 | 2.9 | 4.6 | 4.5 | 2.7 | 1.3 | 0.7 | 0.2 | 0.7 |
| 65° | 0.0 | 0.0 | 0.0 | 0.3 | 0.8 | 0.8 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.6 | 1.4 | 2.4 | 3.2 | 3.8 | 4.0 | 4.0 | 4.2 | 4.4 | 4.4 | 4.4 |
| 90° | 3.0 | 7.0 | 12.0 | 16.0 | 19.0 | 20.0 | 20.0 | 21.0 | 22.0 | 22.0 | 22.0 |
| 92.5° | 11.0 | 17.4 | 17.6 | 17.6 | 21.4 | 23.2 | 24.8 | 25.0 | 26.0 | 26.0 | 26.0 |
| 95° | 31.0 | 34.0 | 50.9 | 49.9 | 34.0 | 27.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 |
| 97.5° | 59.1 | 63.5 | 66.3 | 88.9 | 93.9 | 90.7 | 73.9 | 62.1 | 55.5 | 52.5 | 55.5 |
| 100° | 83.9 | 85.9 | 91.9 | 92.9 | 117.9 | 141.9 | 129.9 | 114.9 | 109.9 | 106.9 | 109.9 |
| 102.5° | 108.7 | 109.9 | 119.1 | 123.3 | 129.1 | 142.7 | 184.2 | 179.6 | 176.2 | 175.6 | 176.2 |
| 105° | 145.8 | 146.8 | 163.8 | 171.8 | 175.8 | 175.8 | 174.8 | 194.8 | 226.8 | 233.8 | 226.8 |
| 107.5° | 185.6 | 190.2 | 210.2 | 231.6 | 236.2 | 237.4 | 232.2 | 229.2 | 228.0 | 228.8 | 228.0 |
| 110° | 212.8 | 219.8 | 243.7 | 270.7 | 277.7 | 279.7 | 277.7 | 274.7 | 272.7 | 272.7 | 272.7 |



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CATALOG NUMBER: SQ2W-BBN-K-075U-075D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 239.2 | 249.3 | 276.5 | 307.5 | 319.3 | 325.3 | 320.9 | 318.7 | 316.7 | 318.3 | 316.7 |
| 115° | 279.7 | 294.7 | 330.7 | 362.6 | 386.6 | 389.6 | 388.6 | 388.6 | 387.6 | 387.6 | 387.6 |
| 117.5° | 317.3 | 341.2 | 381.6 | 418.8 | 446.5 | 454.5 | 458.5 | 457.3 | 456.1 | 458.1 | 456.1 |
| 120° | 343.6 | 371.6 | 417.6 | 459.5 | 486.5 | 498.5 | 502.5 | 500.5 | 502.5 | 500.5 | 502.5 |
| 122.5° | 371.6 | 406.0 | 451.1 | 494.7 | 526.5 | 540.0 | 544.8 | 545.2 | 545.6 | 544.4 | 545.6 |
| 125° | 413.6 | 455.5 | 508.5 | 553.4 | 586.4 | 602.4 | 606.4 | 607.4 | 609.4 | 614.4 | 609.4 |
| 127.5° | 455.9 | 503.5 | 561.6 | 605.0 | 638.7 | 658.1 | 664.3 | 666.5 | 670.7 | 672.9 | 670.7 |
| 130° | 485.5 | 539.4 | 598.4 | 639.3 | 672.3 | 693.3 | 704.3 | 707.3 | 712.3 | 711.3 | 712.3 |
| 132.5° | 516.7 | 573.0 | 632.7 | 675.3 | 705.9 | 728.4 | 737.8 | 746.4 | 748.2 | 749.6 | 748.2 |
| 135° | 562.4 | 623.4 | 683.3 | 725.3 | 754.2 | 776.2 | 788.2 | 796.2 | 801.2 | 804.2 | 801.2 |
| 137.5° | 610.6 | 674.9 | 732.4 | 769.8 | 799.0 | 818.0 | 831.5 | 839.9 | 845.1 | 847.5 | 845.1 |
| 140° | 643.3 | 705.3 | 761.2 | 800.2 | 826.1 | 845.1 | 857.1 | 867.1 | 873.1 | 873.1 | 873.1 |
| 142.5° | 674.5 | 735.6 | 790.0 | 828.9 | 851.7 | 869.1 | 881.9 | 889.5 | 896.3 | 896.3 | 896.3 |
| 145° | 718.3 | 779.2 | 829.1 | 868.1 | 887.1 | 903.1 | 917.1 | 923.0 | 927.0 | 927.0 | 927.0 |
| 147.5° | 764.0 | 818.0 | 863.5 | 900.9 | 916.9 | 935.6 | 946.6 | 951.4 | 956.4 | 954.2 | 956.4 |
| 150° | 791.2 | 841.1 | 885.1 | 920.1 | 936.0 | 954.0 | 965.0 | 969.0 | 974.0 | 971.0 | 974.0 |
| 152.5° | 817.6 | 865.1 | 905.1 | 937.6 | 951.2 | 969.2 | 981.8 | 985.8 | 989.2 | 987.0 | 989.2 |
| 155° | 853.1 | 895.1 | 932.0 | 962.0 | 974.0 | 991.0 | 1003.0 | 1008.0 | 1012.0 | 1007.0 | 1012.0 |
| 157.5° | 884.9 | 921.0 | 953.2 | 980.8 | 993.6 | 1008.2 | 1019.3 | 1025.5 | 1029.5 | 1027.3 | 1029.5 |
| 160° | 904.1 | 937.0 | 966.0 | 992.0 | 1004.0 | 1017.0 | 1028.9 | 1035.9 | 1039.9 | 1036.9 | 1039.9 |
| 162.5° | 920.1 | 949.8 | 977.2 | 1000.8 | 1011.2 | 1022.5 | 1036.9 | 1043.1 | 1047.1 | 1043.3 | 1047.1 |
| 165° | 943.0 | 967.0 | 991.0 | 1011.0 | 1019.9 | 1028.9 | 1043.9 | 1050.9 | 1053.9 | 1049.9 | 1053.9 |
| 167.5° | 960.4 | 978.8 | 998.2 | 1015.4 | 1021.9 | 1030.7 | 1045.7 | 1051.5 | 1055.3 | 1050.3 | 1055.3 |
| 170° | 970.0 | 986.0 | 1003.0 | 1017.0 | 1021.9 | 1029.9 | 1044.9 | 1049.9 | 1052.9 | 1047.9 | 1052.9 |
| 172.5° | 978.0 | 990.0 | 1003.8 | 1016.2 | 1018.7 | 1025.1 | 1039.3 | 1044.3 | 1046.5 | 1042.3 | 1046.5 |
| 175° | 986.0 | 993.0 | 1003.0 | 1011.0 | 1010.0 | 1014.0 | 1025.9 | 1029.9 | 1033.9 | 1027.9 | 1033.9 |
| 177.5° | 989.8 | 993.0 | 996.2 | 1001.0 | 997.8 | 997.8 | 1006.6 | 1009.0 | 1009.8 | 1006.6 | 1009.8 |
| 180° | 989.0 | 989.0 | 989.0 | 989.0 | 989.0 | 989.0 | 989.0 | 989.0 | 989.0 | 989.0 | 989.0 |



TEST NUMBER: P1427607

CATALOG NUMBER: SQ2W-BBN-K-075U-075D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5553.3 | 5553.3 | 5553.3 | 5553.3 | 5553.3 | 5553.3 | 5553.3 | 5553.3 | 5553.3 | 5553.3 | 5553.3 |
| 2.5° | 5523.7 | 5510.6 | 5491.0 | 5491.9 | 5513.2 | 5531.6 | 5540.8 | 5550.1 | 5540.8 | 5531.6 | 5513.2 |
| 5° | 5346.5 | 5324.4 | 5295.5 | 5289.3 | 5305.7 | 5321.3 | 5334.2 | 5347.1 | 5334.2 | 5321.3 | 5305.7 |
| 7.5° | 4944.5 | 4921.4 | 4889.3 | 4881.2 | 4896.8 | 4907.5 | 4903.3 | 4899.2 | 4903.3 | 4907.5 | 4896.8 |
| 10° | 4560.5 | 4555.5 | 4544.8 | 4540.4 | 4542.1 | 4542.7 | 4539.6 | 4536.5 | 4539.6 | 4542.7 | 4542.1 |
| 12.5° | 4129.2 | 4116.0 | 4099.9 | 4103.5 | 4126.6 | 4140.9 | 4128.5 | 4116.2 | 4128.5 | 4140.9 | 4126.6 |
| 15° | 3446.5 | 3430.6 | 3409.3 | 3420.8 | 3465.3 | 3493.7 | 3473.7 | 3453.6 | 3473.7 | 3493.7 | 3465.3 |
| 17.5° | 2785.4 | 2782.7 | 2778.7 | 2788.1 | 2810.8 | 2828.3 | 2830.3 | 2832.4 | 2830.3 | 2828.3 | 2810.8 |
| 20° | 2368.4 | 2370.2 | 2373.3 | 2384.4 | 2403.5 | 2418.6 | 2421.7 | 2424.9 | 2421.7 | 2418.6 | 2403.5 |
| 22.5° | 2032.3 | 2037.4 | 2045.1 | 2052.3 | 2059.0 | 2065.3 | 2070.5 | 2075.8 | 2070.5 | 2065.3 | 2059.0 |
| 25° | 1613.9 | 1608.2 | 1597.6 | 1598.4 | 1610.9 | 1624.5 | 1641.4 | 1658.3 | 1641.4 | 1624.5 | 1610.9 |
| 27.5° | 1309.6 | 1308.3 | 1307.2 | 1311.9 | 1322.5 | 1330.5 | 1330.8 | 1331.0 | 1330.8 | 1330.5 | 1322.5 |
| 30° | 1148.5 | 1149.5 | 1149.1 | 1154.0 | 1164.2 | 1172.7 | 1175.8 | 1178.9 | 1175.8 | 1172.7 | 1164.2 |
| 32.5° | 1013.2 | 1016.4 | 1018.8 | 1026.3 | 1039.1 | 1048.0 | 1045.8 | 1043.6 | 1045.8 | 1048.0 | 1039.1 |
| 35° | 830.3 | 835.6 | 842.3 | 850.5 | 860.3 | 867.7 | 867.7 | 867.7 | 867.7 | 867.7 | 860.3 |
| 37.5° | 665.0 | 673.0 | 682.4 | 690.6 | 697.5 | 702.9 | 703.7 | 704.5 | 703.7 | 702.9 | 697.5 |
| 40° | 558.2 | 568.1 | 579.7 | 587.7 | 592.1 | 596.0 | 598.2 | 600.5 | 598.2 | 596.0 | 592.1 |
| 42.5° | 457.5 | 468.0 | 479.6 | 487.6 | 492.0 | 493.9 | 487.9 | 482.0 | 487.9 | 493.9 | 492.0 |
| 45° | 307.3 | 327.3 | 340.6 | 345.5 | 341.9 | 333.0 | 308.1 | 283.2 | 308.1 | 333.0 | 341.9 |
| 47.5° | 144.5 | 179.1 | 214.2 | 221.0 | 199.5 | 176.5 | 149.1 | 121.7 | 149.1 | 176.5 | 199.5 |
| 50° | 71.3 | 108.1 | 152.1 | 158.6 | 127.4 | 98.7 | 77.4 | 56.0 | 77.4 | 98.7 | 127.4 |
| 52.5° | 41.8 | 72.3 | 110.3 | 113.2 | 81.0 | 54.2 | 43.5 | 32.8 | 43.5 | 54.2 | 81.0 |
| 55° | 17.2 | 33.0 | 53.0 | 53.9 | 35.7 | 21.1 | 17.6 | 14.0 | 17.6 | 21.1 | 35.7 |
| 57.5° | 7.4 | 13.1 | 20.3 | 20.7 | 14.3 | 9.1 | 7.2 | 5.2 | 7.2 | 9.1 | 14.3 |
| 60° | 2.8 | 5.7 | 9.2 | 9.5 | 6.3 | 3.8 | 2.9 | 2.0 | 2.9 | 3.8 | 6.3 |
| 62.5° | 1.3 | 2.7 | 4.5 | 4.6 | 2.9 | 1.5 | 0.9 | 0.4 | 0.9 | 1.5 | 2.9 |
| 65° | 0.0 | 0.3 | 0.8 | 0.8 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 4.2 | 4.0 | 4.0 | 3.8 | 3.2 | 2.4 | 1.4 | 0.6 | 1.4 | 2.2 | 3.6 |
| 90° | 21.0 | 20.0 | 20.0 | 19.0 | 16.0 | 12.0 | 7.0 | 3.0 | 7.0 | 11.0 | 18.0 |
| 92.5° | 25.0 | 24.8 | 23.2 | 21.4 | 17.6 | 17.6 | 17.4 | 11.0 | 19.0 | 27.0 | 38.8 |
| 95° | 23.0 | 23.0 | 27.0 | 34.0 | 49.9 | 50.9 | 34.0 | 31.0 | 44.0 | 61.9 | 77.9 |
| 97.5° | 62.1 | 73.9 | 90.7 | 93.9 | 88.9 | 66.3 | 63.5 | 59.1 | 80.5 | 98.3 | 124.1 |
| 100° | 114.9 | 129.9 | 141.9 | 117.9 | 92.9 | 91.9 | 85.9 | 83.9 | 106.9 | 123.9 | 148.8 |
| 102.5° | 179.6 | 184.2 | 142.7 | 129.1 | 123.3 | 119.1 | 109.9 | 108.7 | 131.7 | 155.0 | 176.0 |
| 105° | 194.8 | 174.8 | 175.8 | 175.8 | 171.8 | 163.8 | 146.8 | 145.8 | 171.8 | 198.8 | 224.8 |
| 107.5° | 229.2 | 232.2 | 237.4 | 236.2 | 231.6 | 210.2 | 190.2 | 185.6 | 209.0 | 241.4 | 269.9 |
| 110° | 274.7 | 277.7 | 279.7 | 277.7 | 270.7 | 243.7 | 219.8 | 212.8 | 233.8 | 267.7 | 298.7 |



TEST NUMBER: P1427607

CATALOG NUMBER: SQ2W-BBN-K-075U-075D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 112.5° | 318.7 | 320.9 | 325.3 | 319.3 | 307.5 | 276.5 | 249.3 | 239.2 | 260.1 | 294.9 | 326.7 |
| 115° | 388.6 | 388.6 | 389.6 | 386.6 | 362.6 | 330.7 | 294.7 | 279.7 | 297.7 | 329.7 | 364.6 |
| 117.5° | 457.3 | 458.5 | 454.5 | 446.5 | 418.8 | 381.6 | 341.2 | 317.3 | 331.5 | 365.2 | 401.2 |
| 120° | 500.5 | 502.5 | 498.5 | 486.5 | 459.5 | 417.6 | 371.6 | 343.6 | 354.6 | 387.6 | 423.6 |
| 122.5° | 545.2 | 544.8 | 540.0 | 526.5 | 494.7 | 451.1 | 406.0 | 371.6 | 376.2 | 406.8 | 441.9 |
| 125° | 607.4 | 606.4 | 602.4 | 586.4 | 553.4 | 508.5 | 455.5 | 413.6 | 407.6 | 433.6 | 469.5 |
| 127.5° | 666.5 | 664.3 | 658.1 | 638.7 | 605.0 | 561.6 | 503.5 | 455.9 | 442.5 | 458.9 | 491.9 |
| 130° | 707.3 | 704.3 | 693.3 | 672.3 | 639.3 | 598.4 | 539.4 | 485.5 | 466.5 | 476.5 | 505.5 |
| 132.5° | 746.4 | 737.8 | 728.4 | 705.9 | 675.3 | 632.7 | 573.0 | 516.7 | 490.5 | 494.9 | 517.5 |
| 135° | 796.2 | 788.2 | 776.2 | 754.2 | 725.3 | 683.3 | 623.4 | 562.4 | 526.5 | 522.5 | 535.4 |
| 137.5° | 839.9 | 831.5 | 818.0 | 799.0 | 769.8 | 732.4 | 674.9 | 610.6 | 565.2 | 551.8 | 556.8 |
| 140° | 867.1 | 857.1 | 845.1 | 826.1 | 800.2 | 761.2 | 705.3 | 643.3 | 592.4 | 573.4 | 570.4 |
| 142.5° | 889.5 | 881.9 | 869.1 | 851.7 | 828.9 | 790.0 | 735.6 | 674.5 | 620.4 | 595.8 | 588.8 |
| 145° | 923.0 | 917.1 | 903.1 | 887.1 | 868.1 | 829.1 | 779.2 | 718.3 | 664.3 | 632.3 | 617.4 |
| 147.5° | 951.4 | 946.6 | 935.6 | 916.9 | 900.9 | 863.5 | 818.0 | 764.0 | 708.7 | 669.1 | 649.7 |
| 150° | 969.0 | 965.0 | 954.0 | 936.0 | 920.1 | 885.1 | 841.1 | 791.2 | 738.2 | 696.3 | 671.3 |
| 152.5° | 985.8 | 981.8 | 969.2 | 951.2 | 937.6 | 905.1 | 865.1 | 817.6 | 763.8 | 721.9 | 696.1 |
| 155° | 1008.0 | 1003.0 | 991.0 | 974.0 | 962.0 | 932.0 | 895.1 | 853.1 | 807.2 | 763.2 | 734.2 |
| 157.5° | 1025.5 | 1019.3 | 1008.2 | 993.6 | 980.8 | 953.2 | 921.0 | 884.9 | 844.7 | 802.8 | 773.2 |
| 160° | 1035.9 | 1028.9 | 1017.0 | 1004.0 | 992.0 | 966.0 | 937.0 | 904.1 | 867.1 | 829.1 | 797.2 |
| 162.5° | 1043.1 | 1036.9 | 1022.5 | 1011.2 | 1000.8 | 977.2 | 949.8 | 920.1 | 887.1 | 853.9 | 824.3 |
| 165° | 1050.9 | 1043.9 | 1028.9 | 1019.9 | 1011.0 | 991.0 | 967.0 | 943.0 | 915.1 | 888.1 | 864.1 |
| 167.5° | 1051.5 | 1045.7 | 1030.7 | 1021.9 | 1015.4 | 998.2 | 978.8 | 960.4 | 938.6 | 917.5 | 897.5 |
| 170° | 1049.9 | 1044.9 | 1029.9 | 1021.9 | 1017.0 | 1003.0 | 986.0 | 970.0 | 953.0 | 935.0 | 919.1 |
| 172.5° | 1044.3 | 1039.3 | 1025.1 | 1018.7 | 1016.2 | 1003.8 | 990.0 | 978.0 | 963.4 | 950.2 | 937.4 |
| 175° | 1029.9 | 1025.9 | 1014.0 | 1010.0 | 1011.0 | 1003.0 | 993.0 | 986.0 | 977.0 | 969.0 | 962.0 |
| 177.5° | 1009.0 | 1006.6 | 997.8 | 997.8 | 1001.0 | 996.2 | 993.0 | 989.8 | 985.8 | 983.4 | 981.0 |
| 180° | 989.0 | 989.0 | 989.0 | 989.0 | 989.0 | 989.0 | 989.0 | 989.0 | 989.0 | 989.0 | 989.0 |



TEST NUMBER: P1427607

CATALOG NUMBER: SQ2W-BBN-K-075U-075D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5553.3 | 5553.3 | 5553.3 | 5553.3 | 5553.3 | 5553.3 | 5553.3 | 5553.3 | 5553.3 | 5553.3 | 5553.3 |
| 2.5° | 5491.9 | 5491.0 | 5510.6 | 5523.7 | 5517.7 | 5511.6 | 5517.7 | 5523.7 | 5510.6 | 5491.0 | 5491.9 |
| 5° | 5289.3 | 5295.5 | 5324.4 | 5346.5 | 5348.3 | 5350.1 | 5348.3 | 5346.5 | 5324.4 | 5295.5 | 5289.3 |
| 7.5° | 4881.2 | 4889.3 | 4921.4 | 4944.5 | 4941.1 | 4937.6 | 4941.1 | 4944.5 | 4921.4 | 4889.3 | 4881.2 |
| 10° | 4540.4 | 4544.8 | 4555.5 | 4560.5 | 4548.5 | 4536.5 | 4548.5 | 4560.5 | 4555.5 | 4544.8 | 4540.4 |
| 12.5° | 4103.5 | 4099.9 | 4116.0 | 4129.2 | 4134.3 | 4139.4 | 4134.3 | 4129.2 | 4116.0 | 4099.9 | 4103.5 |
| 15° | 3420.8 | 3409.3 | 3430.6 | 3446.5 | 3446.1 | 3445.6 | 3446.1 | 3446.5 | 3430.6 | 3409.3 | 3420.8 |
| 17.5° | 2788.1 | 2778.7 | 2782.7 | 2785.4 | 2784.1 | 2782.7 | 2784.1 | 2785.4 | 2782.7 | 2778.7 | 2788.1 |
| 20° | 2384.4 | 2373.3 | 2370.2 | 2368.4 | 2370.6 | 2372.8 | 2370.6 | 2368.4 | 2370.2 | 2373.3 | 2384.4 |
| 22.5° | 2052.3 | 2045.1 | 2037.4 | 2032.3 | 2035.2 | 2038.2 | 2035.2 | 2032.3 | 2037.4 | 2045.1 | 2052.3 |
| 25° | 1598.4 | 1597.6 | 1608.2 | 1613.9 | 1604.6 | 1595.2 | 1604.6 | 1613.9 | 1608.2 | 1597.6 | 1598.4 |
| 27.5° | 1311.9 | 1307.2 | 1308.3 | 1309.6 | 1311.4 | 1313.2 | 1311.4 | 1309.6 | 1308.3 | 1307.2 | 1311.9 |
| 30° | 1154.0 | 1149.1 | 1149.5 | 1148.5 | 1143.2 | 1137.9 | 1143.2 | 1148.5 | 1149.5 | 1149.1 | 1154.0 |
| 32.5° | 1026.3 | 1018.8 | 1016.4 | 1013.2 | 1007.9 | 1002.6 | 1007.9 | 1013.2 | 1016.4 | 1018.8 | 1026.3 |
| 35° | 850.5 | 842.3 | 835.6 | 830.3 | 829.0 | 827.6 | 829.0 | 830.3 | 835.6 | 842.3 | 850.5 |
| 37.5° | 690.6 | 682.4 | 673.0 | 665.0 | 661.6 | 658.1 | 661.6 | 665.0 | 673.0 | 682.4 | 690.6 |
| 40° | 587.7 | 579.7 | 568.1 | 558.2 | 553.3 | 548.4 | 553.3 | 558.2 | 568.1 | 579.7 | 587.7 |
| 42.5° | 487.6 | 479.6 | 468.0 | 457.5 | 450.1 | 442.7 | 450.1 | 457.5 | 468.0 | 479.6 | 487.6 |
| 45° | 345.5 | 340.6 | 327.3 | 307.3 | 267.8 | 228.2 | 267.8 | 307.3 | 327.3 | 340.6 | 345.5 |
| 47.5° | 221.0 | 214.2 | 179.1 | 144.5 | 111.6 | 78.7 | 111.6 | 144.5 | 179.1 | 214.2 | 221.0 |
| 50° | 158.6 | 152.1 | 108.1 | 71.3 | 56.2 | 41.0 | 56.2 | 71.3 | 108.1 | 152.1 | 158.6 |
| 52.5° | 113.2 | 110.3 | 72.3 | 41.8 | 33.8 | 25.8 | 33.8 | 41.8 | 72.3 | 110.3 | 113.2 |
| 55° | 53.9 | 53.0 | 33.0 | 17.2 | 14.1 | 11.0 | 14.1 | 17.2 | 33.0 | 53.0 | 53.9 |
| 57.5° | 20.7 | 20.3 | 13.1 | 7.4 | 5.8 | 4.2 | 5.8 | 7.4 | 13.1 | 20.3 | 20.7 |
| 60° | 9.5 | 9.2 | 5.7 | 2.8 | 1.9 | 1.0 | 1.9 | 2.8 | 5.7 | 9.2 | 9.5 |
| 62.5° | 4.6 | 4.5 | 2.7 | 1.3 | 0.7 | 0.2 | 0.7 | 1.3 | 2.7 | 4.5 | 4.6 |
| 65° | 0.8 | 0.8 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.8 | 0.8 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 4.6 | 6.0 | 7.4 | 8.2 | 9.0 | 8.6 | 9.0 | 8.2 | 7.4 | 6.0 | 4.6 |
| 90° | 23.0 | 30.0 | 37.0 | 41.0 | 45.0 | 43.0 | 45.0 | 41.0 | 37.0 | 30.0 | 23.0 |
| 92.5° | 46.2 | 57.9 | 66.5 | 73.7 | 76.9 | 76.5 | 76.9 | 73.7 | 66.5 | 57.9 | 46.2 |
| 95° | 92.9 | 106.9 | 120.9 | 130.9 | 136.9 | 134.9 | 136.9 | 130.9 | 120.9 | 106.9 | 92.9 |
| 97.5° | 143.3 | 162.0 | 177.6 | 187.0 | 193.0 | 197.0 | 193.0 | 187.0 | 177.6 | 162.0 | 143.3 |
| 100° | 176.8 | 194.8 | 212.8 | 223.8 | 233.8 | 237.8 | 233.8 | 223.8 | 212.8 | 194.8 | 176.8 |
| 102.5° | 204.0 | 227.6 | 247.1 | 258.9 | 267.3 | 271.3 | 267.3 | 258.9 | 247.1 | 227.6 | 204.0 |
| 105° | 248.7 | 273.7 | 294.7 | 309.7 | 318.7 | 321.7 | 318.7 | 309.7 | 294.7 | 273.7 | 248.7 |
| 107.5° | 293.5 | 319.3 | 338.7 | 355.2 | 366.2 | 372.6 | 366.2 | 355.2 | 338.7 | 319.3 | 293.5 |
| 110° | 328.7 | 349.6 | 370.6 | 385.6 | 396.6 | 400.6 | 396.6 | 385.6 | 370.6 | 349.6 | 328.7 |



TEST NUMBER: P1427607

CATALOG NUMBER: SQ2W-BBN-K-075U-075D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 358.2 | 381.6 | 402.6 | 417.6 | 430.2 | 435.8 | 430.2 | 417.6 | 402.6 | 381.6 | 358.2 |
| 115° | 399.6 | 430.6 | 449.5 | 463.5 | 472.5 | 477.5 | 472.5 | 463.5 | 449.5 | 430.6 | 399.6 |
| 117.5° | 434.0 | 466.3 | 487.1 | 497.9 | 502.1 | 505.7 | 502.1 | 497.9 | 487.1 | 466.3 | 434.0 |
| 120° | 455.5 | 485.5 | 509.5 | 523.5 | 528.5 | 530.5 | 528.5 | 523.5 | 509.5 | 485.5 | 455.5 |
| 122.5° | 475.5 | 503.9 | 527.1 | 544.2 | 552.4 | 554.4 | 552.4 | 544.2 | 527.1 | 503.9 | 475.5 |
| 125° | 503.5 | 530.5 | 554.4 | 571.4 | 580.4 | 585.4 | 580.4 | 571.4 | 554.4 | 530.5 | 503.5 |
| 127.5° | 527.9 | 557.0 | 579.0 | 594.4 | 603.2 | 607.2 | 603.2 | 594.4 | 579.0 | 557.0 | 527.9 |
| 130° | 541.4 | 571.4 | 593.4 | 610.4 | 618.4 | 622.4 | 618.4 | 610.4 | 593.4 | 571.4 | 541.4 |
| 132.5° | 551.8 | 583.4 | 606.2 | 621.6 | 630.3 | 634.3 | 630.3 | 621.6 | 606.2 | 583.4 | 551.8 |
| 135° | 564.4 | 597.4 | 621.4 | 636.3 | 644.3 | 648.3 | 644.3 | 636.3 | 621.4 | 597.4 | 564.4 |
| 137.5° | 575.4 | 605.4 | 630.3 | 646.1 | 653.3 | 655.9 | 653.3 | 646.1 | 630.3 | 605.4 | 575.4 |
| 140° | 583.4 | 609.4 | 634.3 | 649.3 | 657.3 | 658.3 | 657.3 | 649.3 | 634.3 | 609.4 | 583.4 |
| 142.5° | 593.8 | 614.2 | 635.9 | 650.9 | 658.9 | 660.7 | 658.9 | 650.9 | 635.9 | 614.2 | 593.8 |
| 145° | 612.4 | 624.4 | 639.3 | 653.3 | 660.3 | 662.3 | 660.3 | 653.3 | 639.3 | 624.4 | 612.4 |
| 147.5° | 635.7 | 639.5 | 647.3 | 656.5 | 663.3 | 664.7 | 663.3 | 656.5 | 647.3 | 639.5 | 635.7 |
| 150° | 653.3 | 652.3 | 655.3 | 661.3 | 667.3 | 666.3 | 667.3 | 661.3 | 655.3 | 652.3 | 653.3 |
| 152.5° | 673.3 | 667.5 | 667.3 | 670.1 | 672.9 | 672.7 | 672.9 | 670.1 | 667.3 | 667.5 | 673.3 |
| 155° | 707.3 | 696.3 | 690.3 | 688.3 | 688.3 | 687.3 | 688.3 | 688.3 | 690.3 | 696.3 | 707.3 |
| 157.5° | 744.6 | 729.2 | 720.3 | 715.5 | 714.1 | 711.9 | 714.1 | 715.5 | 720.3 | 729.2 | 744.6 |
| 160° | 770.2 | 753.2 | 744.2 | 736.2 | 733.2 | 730.2 | 733.2 | 736.2 | 744.2 | 753.2 | 770.2 |
| 162.5° | 794.2 | 778.0 | 768.2 | 761.0 | 758.0 | 753.4 | 758.0 | 761.0 | 768.2 | 778.0 | 794.2 |
| 165° | 833.1 | 816.2 | 805.2 | 799.2 | 795.2 | 791.2 | 795.2 | 799.2 | 805.2 | 816.2 | 833.1 |
| 167.5° | 872.1 | 853.5 | 846.3 | 839.5 | 835.7 | 828.5 | 835.7 | 839.5 | 846.3 | 853.5 | 872.1 |
| 170° | 896.1 | 879.1 | 875.1 | 869.1 | 862.1 | 854.1 | 862.1 | 869.1 | 875.1 | 879.1 | 896.1 |
| 172.5° | 916.9 | 905.5 | 901.5 | 895.5 | 893.3 | 886.9 | 893.3 | 895.5 | 901.5 | 905.5 | 916.9 |
| 175° | 947.0 | 938.0 | 938.0 | 937.0 | 934.0 | 928.0 | 934.0 | 937.0 | 938.0 | 938.0 | 947.0 |
| 177.5° | 972.2 | 967.4 | 970.6 | 970.6 | 969.8 | 964.2 | 969.8 | 970.6 | 970.6 | 967.4 | 972.2 |
| 180° | 989.0 | 989.0 | 989.0 | 989.0 | 989.0 | 989.0 | 989.0 | 989.0 | 989.0 | 989.0 | 989.0 |



TEST NUMBER: P1427607

CATALOG NUMBER: SQ2W-BBN-K-075U-075D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|
| 0° | 5553.3 | 5553.3 | 5553.3 | 5553.3 |
| 2.5° | 5513.2 | 5531.6 | 5540.8 | 5550.1 |
| 5° | 5305.7 | 5321.3 | 5334.2 | 5347.1 |
| 7.5° | 4896.8 | 4907.5 | 4903.3 | 4899.2 |
| 10° | 4542.1 | 4542.7 | 4539.6 | 4536.5 |
| 12.5° | 4126.6 | 4140.9 | 4128.5 | 4116.2 |
| 15° | 3465.3 | 3493.7 | 3473.7 | 3453.6 |
| 17.5° | 2810.8 | 2828.3 | 2830.3 | 2832.4 |
| 20° | 2403.5 | 2418.6 | 2421.7 | 2424.9 |
| 22.5° | 2059.0 | 2065.3 | 2070.5 | 2075.8 |
| 25° | 1610.9 | 1624.5 | 1641.4 | 1658.3 |
| 27.5° | 1322.5 | 1330.5 | 1330.8 | 1331.0 |
| 30° | 1164.2 | 1172.7 | 1175.8 | 1178.9 |
| 32.5° | 1039.1 | 1048.0 | 1045.8 | 1043.6 |
| 35° | 860.3 | 867.7 | 867.7 | 867.7 |
| 37.5° | 697.5 | 702.9 | 703.7 | 704.5 |
| 40° | 592.1 | 596.0 | 598.2 | 600.5 |
| 42.5° | 492.0 | 493.9 | 487.9 | 482.0 |
| 45° | 341.9 | 333.0 | 308.1 | 283.2 |
| 47.5° | 199.5 | 176.5 | 149.1 | 121.7 |
| 50° | 127.4 | 98.7 | 77.4 | 56.0 |
| 52.5° | 81.0 | 54.2 | 43.5 | 32.8 |
| 55° | 35.7 | 21.1 | 17.6 | 14.0 |
| 57.5° | 14.3 | 9.1 | 7.2 | 5.2 |
| 60° | 6.3 | 3.8 | 2.9 | 2.0 |
| 62.5° | 2.9 | 1.5 | 0.9 | 0.4 |
| 65° | 0.3 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 3.6 | 2.2 | 1.4 | 0.6 |
| 90° | 18.0 | 11.0 | 7.0 | 3.0 |
| 92.5° | 38.8 | 27.0 | 19.0 | 11.0 |
| 95° | 77.9 | 61.9 | 44.0 | 31.0 |
| 97.5° | 124.1 | 98.3 | 80.5 | 59.1 |
| 100° | 148.8 | 123.9 | 106.9 | 83.9 |
| 102.5° | 176.0 | 155.0 | 131.7 | 108.7 |
| 105° | 224.8 | 198.8 | 171.8 | 145.8 |
| 107.5° | 269.9 | 241.4 | 209.0 | 185.6 |
| 110° | 298.7 | 267.7 | 233.8 | 212.8 |



TEST NUMBER: P1427607

CATALOG NUMBER: SQ2W-BBN-K-075U-075D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|-------|-------|-------|-------|
| 112.5° | 326.7 | 294.9 | 260.1 | 239.2 |
| 115° | 364.6 | 329.7 | 297.7 | 279.7 |
| 117.5° | 401.2 | 365.2 | 331.5 | 317.3 |
| 120° | 423.6 | 387.6 | 354.6 | 343.6 |
| 122.5° | 441.9 | 406.8 | 376.2 | 371.6 |
| 125° | 469.5 | 433.6 | 407.6 | 413.6 |
| 127.5° | 491.9 | 458.9 | 442.5 | 455.9 |
| 130° | 505.5 | 476.5 | 466.5 | 485.5 |
| 132.5° | 517.5 | 494.9 | 490.5 | 516.7 |
| 135° | 535.4 | 522.5 | 526.5 | 562.4 |
| 137.5° | 556.8 | 551.8 | 565.2 | 610.6 |
| 140° | 570.4 | 573.4 | 592.4 | 643.3 |
| 142.5° | 588.8 | 595.8 | 620.4 | 674.5 |
| 145° | 617.4 | 632.3 | 664.3 | 718.3 |
| 147.5° | 649.7 | 669.1 | 708.7 | 764.0 |
| 150° | 671.3 | 696.3 | 738.2 | 791.2 |
| 152.5° | 696.1 | 721.9 | 763.8 | 817.6 |
| 155° | 734.2 | 763.2 | 807.2 | 853.1 |
| 157.5° | 773.2 | 802.8 | 844.7 | 884.9 |
| 160° | 797.2 | 829.1 | 867.1 | 904.1 |
| 162.5° | 824.3 | 853.9 | 887.1 | 920.1 |
| 165° | 864.1 | 888.1 | 915.1 | 943.0 |
| 167.5° | 897.5 | 917.5 | 938.6 | 960.4 |
| 170° | 919.1 | 935.0 | 953.0 | 970.0 |
| 172.5° | 937.4 | 950.2 | 963.4 | 978.0 |
| 175° | 962.0 | 969.0 | 977.0 | 986.0 |
| 177.5° | 981.0 | 983.4 | 985.8 | 989.8 |
| 180° | 989.0 | 989.0 | 989.0 | 989.0 |



TEST NUMBER: P1427607
 CATALOG NUMBER: SQ2W-BBN-K-075U-075D-L935-UNV-STD-W-WM-4

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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4H | 2H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 3H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 4H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8H | 4H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 12H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 12H | 4H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 6H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 8H | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |