

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: P1428060

Luminaire Tested: SQ2W-PP3-K-075U-050D-L835-UNV-STD-W-WM-4

Issue Date: 3/10/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1428060  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G2-2308-131-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/10/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ2W-PP3-K-075U-050D-L835-UNV-STD-W-WM-4  
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE  
DOWNLIGHT - PERCEIVE PRISM LENS  
UPLIGHT - ASYMMETRIC ROLL LENS  
DOWNLIGHT 500 LUMENS PER FOOT  
UPLIGHT 750 LUMENS PER FOOT  
Light Source: 3500K CCT, 80 CRI LEDS  
Ballast/Driver: -

**Summary**

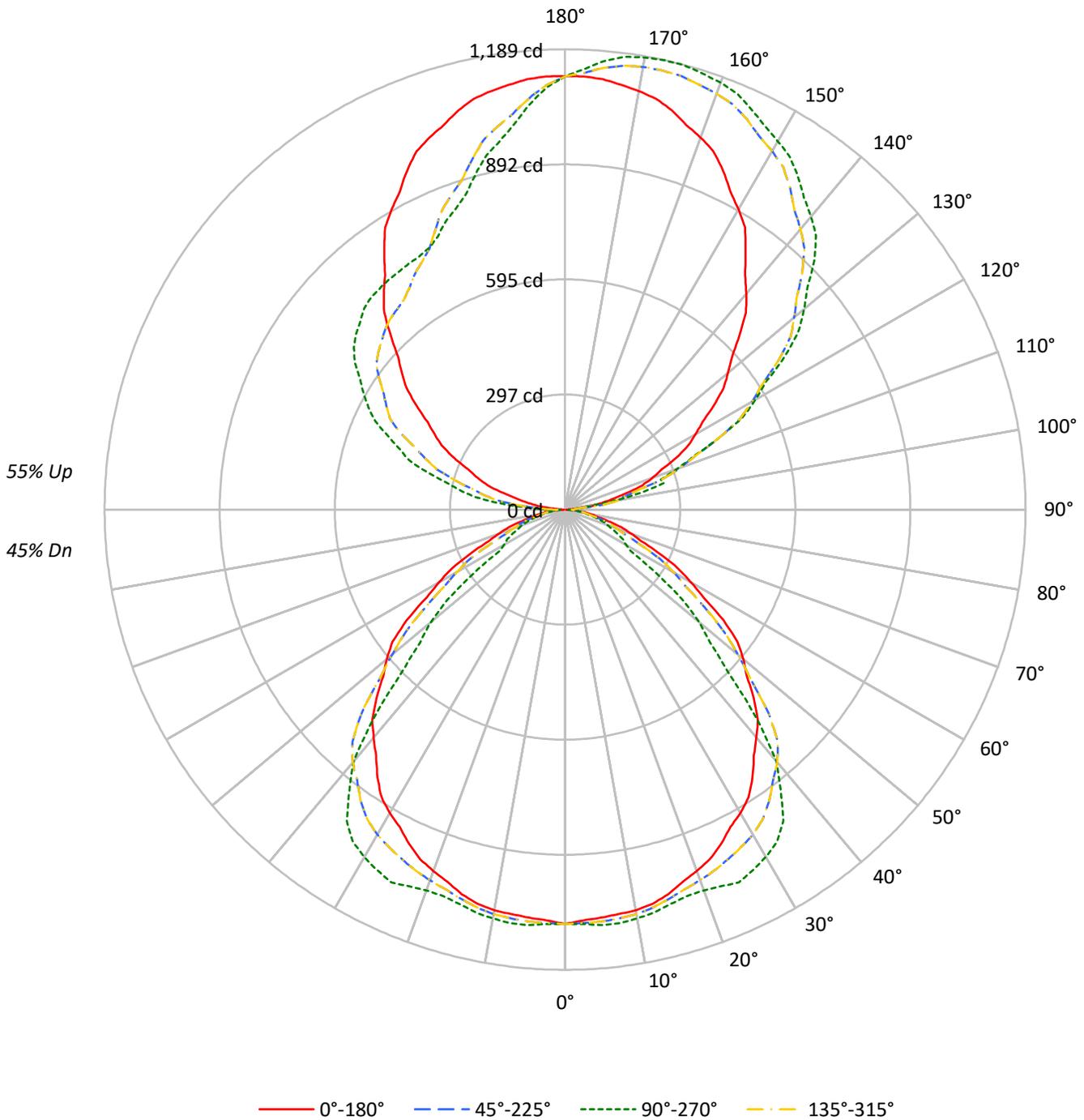
Lumens per Lamp: N/A  
Luminaire Lumens: 5968.6 lumens  
Efficiency: N/A  
Efficacy: 144.2 lumens/watt  
Spacing Criteria (0/90/45): 1.26 / 1.41 / 1.4  
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')  
CIE Type: General Diffuse

Input Watts (W): 41.4  
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: P1428060

CATALOG NUMBER: SQ2W-PP3-K-075U-050D-L835-UNV-STD-W-WM-4

### Luminous Intensity Polar Plot





TEST NUMBER: P1428060

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**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   | 106 | 106 | 106 | 106 | 97 | 97 | 97 | 97 | 81 | 81 | 81 | 66 | 66 | 66 | 52 | 52 | 52 | 45 |    |    |    | 45 |
| 1   | 97  | 93  | 89  | 86  | 89 | 86 | 82 | 80 | 71 | 69 | 67 | 58 | 57 | 56 | 46 | 46 | 45 |    |    |    | 39 |    |
| 2   | 89  | 82  | 76  | 71  | 81 | 75 | 70 | 66 | 63 | 59 | 56 | 52 | 49 | 47 | 41 | 40 | 38 |    |    |    | 33 |    |
| 3   | 81  | 72  | 65  | 60  | 74 | 67 | 61 | 56 | 56 | 52 | 48 | 46 | 43 | 40 | 37 | 35 | 33 |    |    |    | 29 |    |
| 4   | 75  | 64  | 57  | 51  | 68 | 59 | 53 | 47 | 50 | 45 | 41 | 41 | 38 | 35 | 33 | 31 | 29 |    |    |    | 25 |    |
| 5   | 68  | 57  | 49  | 44  | 63 | 53 | 46 | 41 | 45 | 40 | 36 | 37 | 33 | 30 | 30 | 27 | 25 |    |    |    | 22 |    |
| 6   | 63  | 51  | 44  | 38  | 58 | 48 | 41 | 36 | 40 | 35 | 31 | 34 | 30 | 27 | 27 | 25 | 22 |    |    |    | 19 |    |
| 7   | 58  | 46  | 39  | 33  | 53 | 43 | 36 | 31 | 37 | 31 | 27 | 31 | 27 | 24 | 25 | 22 | 20 |    |    |    | 17 |    |
| 8   | 54  | 42  | 35  | 29  | 50 | 39 | 32 | 28 | 33 | 28 | 24 | 28 | 24 | 21 | 23 | 20 | 18 |    |    |    | 15 |    |
| 9   | 50  | 38  | 31  | 26  | 46 | 36 | 29 | 25 | 31 | 25 | 22 | 26 | 22 | 19 | 21 | 18 | 16 |    |    |    | 14 |    |
| 10  | 47  | 35  | 28  | 23  | 43 | 33 | 26 | 22 | 28 | 23 | 20 | 24 | 20 | 17 | 20 | 17 | 15 |    |    |    | 13 |    |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 17285 | 17285 | 17285 | 17285 |
| 5°  | 17149 | 17462 | 17149 | 17462 |
| 10° | 17236 | 17588 | 17236 | 17588 |
| 15° | 17195 | 17629 | 17195 | 17629 |
| 20° | 17072 | 17986 | 17072 | 17986 |
| 25° | 16976 | 18930 | 16976 | 18930 |
| 30° | 16878 | 19326 | 16878 | 19326 |
| 35° | 16639 | 19361 | 16639 | 19361 |
| 40° | 16195 | 17890 | 16195 | 17890 |
| 45° | 15712 | 13618 | 15712 | 13618 |
| 50° | 15093 | 11341 | 15093 | 11341 |
| 55° | 14049 | 8155  | 14049 | 8155  |
| 60° | 12096 | 5848  | 12096 | 5848  |
| 65° | 10204 | 5750  | 10204 | 5750  |
| 70° | 8492  | 5504  | 8492  | 5504  |
| 75° | 7199  | 5153  | 7199  | 5153  |
| 80° | 6099  | 4630  | 6099  | 4630  |
| 85° | 4816  | 2519  | 4816  | 2519  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 40°  
 Vertical Angle: 45°  
 Luminance: 17187 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 101.9  | 1.7       |
| 10°-20°   | 295.0  | 4.9       |
| 20°-30°   | 462.2  | 7.7       |
| 30°-40°   | 570.2  | 9.6       |
| 40°-50°   | 536.8  | 9.0       |
| 50°-60°   | 380.1  | 6.4       |
| 60°-70°   | 216.6  | 3.6       |
| 70°-80°   | 107.2  | 1.8       |
| 80°-90°   | 30.8   | 0.5       |
| 90°-100°  | 89.1   | 1.5       |
| 100°-110° | 259.7  | 4.4       |
| 110°-120° | 423.9  | 7.1       |
| 120°-130° | 537.9  | 9.0       |
| 130°-140° | 575.6  | 9.6       |
| 140°-150° | 537.5  | 9.0       |
| 150°-160° | 442.3  | 7.4       |
| 160°-170° | 296.6  | 5.0       |
| 170°-180° | 105.3  | 1.8       |
| 0°-30°    | 859.2  | 14.4      |
| 0°-40°    | 1429.3 | 23.9      |
| 0°-60°    | 2346.2 | 39.3      |
| 0°-90°    | 2700.8 | 45.3      |
| 90°-120°  | 772.7  | 12.9      |
| 90°-150°  | 2423.6 | 40.6      |
| 90°-180°  | 3268.0 | 54.8      |
| 0°-180°   | 5968.6 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1071 | 1071 | 1071 | 1071 | 1071 |      |
| 5°   | 1058 | 1077 | 1058 | 1077 | 1058 | 101  |
| 15°  | 1029 | 1055 | 1029 | 1055 | 1029 | 290  |
| 25°  | 953  | 1063 | 953  | 1063 | 953  | 439  |
| 35°  | 844  | 982  | 844  | 982  | 844  | 526  |
| 45°  | 688  | 596  | 688  | 596  | 688  | 530  |
| 55°  | 499  | 290  | 499  | 290  | 499  | 440  |
| 65°  | 267  | 150  | 267  | 150  | 267  | 268  |
| 75°  | 115  | 83   | 115  | 83   | 115  | 125  |
| 85°  | 26   | 14   | 26   | 14   | 26   | 31   |
| 90°  | 3    | 25   | 3    | 49   | 3    | 4    |
| 95°  | 35   | 26   | 35   | 153  | 35   | 42   |
| 105° | 165  | 264  | 165  | 364  | 165  | 176  |
| 115° | 316  | 439  | 316  | 540  | 316  | 312  |
| 125° | 468  | 695  | 468  | 662  | 468  | 419  |
| 135° | 636  | 910  | 636  | 734  | 636  | 492  |
| 145° | 813  | 1049 | 813  | 750  | 813  | 509  |
| 155° | 965  | 1140 | 965  | 778  | 965  | 444  |
| 165° | 1067 | 1188 | 1067 | 895  | 1067 | 300  |
| 175° | 1116 | 1163 | 1116 | 1050 | 1116 | 106  |
| 180° | 1119 | 1119 | 1119 | 1119 | 1119 |      |



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CATALOG NUMBER: SQ2W-PP3-K-075U-050D-L835-UNV-STD-W-WM-4

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 10°    | 20°    | 30°    | 40°    | 50°    | 60°    | 70°    | 80°    | 90°    | 100°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1070.6 | 1070.6 | 1070.6 | 1070.6 | 1070.6 | 1070.6 | 1070.6 | 1070.6 | 1070.6 | 1070.6 | 1070.6 |
| 2.5°   | 1062.4 | 1069.3 | 1076.1 | 1074.5 | 1070.1 | 1068.2 | 1069.1 | 1069.9 | 1070.7 | 1071.5 | 1070.7 |
| 5°     | 1058.1 | 1066.7 | 1075.2 | 1074.0 | 1069.4 | 1067.7 | 1068.7 | 1070.3 | 1073.8 | 1077.4 | 1073.8 |
| 7.5°   | 1054.0 | 1062.8 | 1071.5 | 1070.4 | 1066.0 | 1064.6 | 1066.3 | 1068.7 | 1073.0 | 1077.4 | 1073.0 |
| 10°    | 1051.3 | 1058.9 | 1066.4 | 1065.3 | 1061.3 | 1060.5 | 1063.0 | 1065.8 | 1069.3 | 1072.8 | 1069.3 |
| 12.5°  | 1043.2 | 1050.3 | 1057.5 | 1056.5 | 1052.9 | 1052.8 | 1056.1 | 1059.3 | 1062.5 | 1065.6 | 1062.5 |
| 15°    | 1028.7 | 1035.2 | 1041.8 | 1041.9 | 1039.9 | 1041.1 | 1045.7 | 1049.7 | 1052.2 | 1054.7 | 1052.2 |
| 17.5°  | 1009.0 | 1016.9 | 1024.9 | 1026.7 | 1026.5 | 1029.6 | 1036.1 | 1041.6 | 1044.2 | 1046.8 | 1044.2 |
| 20°    | 993.6  | 1003.2 | 1012.7 | 1015.9 | 1016.9 | 1021.4 | 1029.4 | 1036.7 | 1041.8 | 1046.8 | 1041.8 |
| 22.5°  | 977.3  | 988.5  | 999.6  | 1003.8 | 1005.6 | 1012.5 | 1024.6 | 1035.8 | 1044.5 | 1053.1 | 1044.5 |
| 25°    | 952.9  | 963.9  | 975.0  | 983.0  | 990.1  | 1002.4 | 1020.0 | 1036.5 | 1049.6 | 1062.6 | 1049.6 |
| 27.5°  | 924.4  | 935.3  | 946.3  | 960.1  | 974.9  | 992.2  | 1012.0 | 1029.5 | 1039.8 | 1050.2 | 1039.8 |
| 30°    | 905.3  | 915.9  | 926.5  | 942.3  | 959.9  | 979.0  | 999.6  | 1017.5 | 1027.1 | 1036.6 | 1027.1 |
| 32.5°  | 881.8  | 892.8  | 903.7  | 920.6  | 939.4  | 959.9  | 982.1  | 1001.0 | 1009.8 | 1018.5 | 1009.8 |
| 35°    | 844.2  | 854.8  | 865.4  | 885.0  | 907.6  | 930.5  | 953.6  | 972.2  | 977.3  | 982.3  | 977.3  |
| 37.5°  | 801.0  | 813.0  | 824.9  | 846.9  | 872.3  | 891.5  | 904.4  | 914.2  | 914.5  | 914.8  | 914.5  |
| 40°    | 768.4  | 784.0  | 799.6  | 821.6  | 845.7  | 859.1  | 861.6  | 861.8  | 855.3  | 848.8  | 855.3  |
| 42.5°  | 736.7  | 756.7  | 776.8  | 794.4  | 811.3  | 814.8  | 804.8  | 790.1  | 761.0  | 732.0  | 761.0  |
| 45°    | 688.1  | 711.7  | 735.3  | 746.1  | 752.7  | 730.6  | 679.8  | 636.6  | 616.5  | 596.4  | 616.5  |
| 47.5°  | 636.2  | 659.6  | 682.9  | 679.9  | 668.1  | 634.6  | 579.4  | 534.5  | 520.6  | 506.8  | 520.6  |
| 50°    | 600.9  | 623.0  | 645.2  | 629.2  | 600.5  | 562.8  | 516.0  | 477.7  | 464.6  | 451.5  | 464.6  |
| 52.5°  | 561.1  | 580.8  | 600.5  | 576.4  | 537.7  | 497.9  | 457.2  | 421.7  | 401.7  | 381.8  | 401.7  |
| 55°    | 499.1  | 512.6  | 526.2  | 499.8  | 460.1  | 416.3  | 368.5  | 327.9  | 308.8  | 289.7  | 308.8  |
| 57.5°  | 424.4  | 433.9  | 443.5  | 422.7  | 391.8  | 348.3  | 292.2  | 244.7  | 223.3  | 201.9  | 223.3  |
| 60°    | 374.6  | 382.1  | 389.7  | 370.8  | 343.1  | 301.7  | 246.3  | 202.2  | 191.6  | 181.1  | 191.6  |
| 62.5°  | 329.3  | 336.1  | 342.8  | 323.1  | 294.7  | 257.6  | 211.9  | 176.7  | 173.0  | 169.3  | 173.0  |
| 65°    | 267.1  | 273.6  | 280.2  | 259.5  | 229.9  | 200.9  | 172.8  | 151.5  | 151.0  | 150.5  | 151.0  |
| 67.5°  | 212.5  | 219.7  | 226.8  | 207.4  | 179.1  | 157.8  | 143.3  | 132.3  | 131.7  | 131.0  | 131.7  |
| 70°    | 179.9  | 187.5  | 195.0  | 176.9  | 150.3  | 132.9  | 124.9  | 118.6  | 117.6  | 116.6  | 117.6  |
| 72.5°  | 152.8  | 159.9  | 167.1  | 151.3  | 127.8  | 113.5  | 108.3  | 104.2  | 103.6  | 103.0  | 103.6  |
| 75°    | 115.4  | 121.0  | 126.5  | 115.1  | 98.0   | 88.1   | 85.6   | 83.6   | 83.1   | 82.6   | 83.1   |
| 77.5°  | 83.7   | 87.3   | 90.8   | 83.3   | 72.1   | 65.9   | 64.6   | 63.5   | 63.0   | 62.5   | 63.0   |
| 80°    | 65.6   | 67.1   | 68.7   | 63.4   | 55.8   | 51.8   | 51.3   | 50.8   | 50.3   | 49.8   | 50.3   |
| 82.5°  | 49.3   | 48.8   | 48.3   | 45.3   | 41.3   | 39.1   | 38.6   | 38.0   | 37.1   | 36.2   | 37.1   |
| 85°    | 26.0   | 25.0   | 24.0   | 23.0   | 22.0   | 20.5   | 18.5   | 16.6   | 15.1   | 13.6   | 15.1   |
| 87.5°  | 8.8    | 9.7    | 10.9   | 10.3   | 8.9    | 7.9    | 7.5    | 7.5    | 7.7    | 7.7    | 7.7    |
| 90°    | 3.4    | 7.9    | 13.6   | 18.1   | 21.5   | 22.6   | 22.6   | 23.7   | 24.9   | 24.9   | 24.9   |
| 92.5°  | 12.4   | 19.7   | 19.9   | 19.9   | 24.2   | 26.2   | 28.0   | 28.3   | 29.4   | 29.4   | 29.4   |
| 95°    | 35.0   | 38.4   | 57.7   | 56.5   | 38.4   | 30.5   | 26.0   | 26.0   | 26.0   | 26.0   | 26.0   |
| 97.5°  | 66.9   | 71.9   | 75.1   | 100.6  | 106.3  | 102.6  | 83.7   | 70.3   | 62.9   | 59.5   | 62.9   |
| 100°   | 95.0   | 97.2   | 104.0  | 105.1  | 133.4  | 160.5  | 147.0  | 130.0  | 124.4  | 121.0  | 124.4  |
| 102.5° | 123.0  | 124.4  | 134.8  | 139.5  | 146.1  | 161.4  | 208.5  | 203.3  | 199.4  | 198.7  | 199.4  |
| 105°   | 165.1  | 166.2  | 185.4  | 194.4  | 199.0  | 199.0  | 197.8  | 220.4  | 256.6  | 264.5  | 256.6  |
| 107.5° | 210.0  | 215.2  | 237.9  | 262.0  | 267.2  | 268.6  | 262.7  | 259.3  | 258.0  | 258.9  | 258.0  |
| 110°   | 240.8  | 248.7  | 275.8  | 306.4  | 314.3  | 316.5  | 314.3  | 310.9  | 308.6  | 308.6  | 308.6  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 10°    | 20°    | 30°    | 40°    | 50°    | 60°    | 70°    | 80°    | 90°    | 100°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 270.6  | 282.2  | 312.9  | 348.0  | 361.3  | 368.1  | 363.1  | 360.6  | 358.4  | 360.2  | 358.4  |
| 115°   | 316.5  | 333.5  | 374.2  | 410.4  | 437.5  | 440.9  | 439.8  | 439.8  | 438.6  | 438.6  | 438.6  |
| 117.5° | 359.0  | 386.2  | 431.8  | 473.9  | 505.3  | 514.4  | 518.9  | 517.5  | 516.2  | 518.4  | 516.2  |
| 120°   | 388.9  | 420.5  | 472.5  | 520.0  | 550.6  | 564.1  | 568.6  | 566.4  | 568.6  | 566.4  | 568.6  |
| 122.5° | 420.5  | 459.4  | 510.5  | 559.8  | 595.8  | 611.1  | 616.6  | 617.0  | 617.5  | 616.1  | 617.5  |
| 125°   | 468.0  | 515.5  | 575.4  | 626.3  | 663.6  | 681.7  | 686.2  | 687.3  | 689.6  | 695.3  | 689.6  |
| 127.5° | 516.0  | 569.8  | 635.6  | 684.6  | 722.8  | 744.8  | 751.8  | 754.3  | 759.0  | 761.5  | 759.0  |
| 130°   | 549.4  | 610.5  | 677.2  | 723.5  | 760.8  | 784.6  | 797.0  | 800.4  | 806.0  | 804.9  | 806.0  |
| 132.5° | 584.7  | 648.5  | 716.1  | 764.2  | 798.8  | 824.4  | 835.0  | 844.7  | 846.7  | 848.3  | 846.7  |
| 135°   | 636.5  | 705.4  | 773.3  | 820.7  | 853.5  | 878.4  | 892.0  | 901.0  | 906.7  | 910.0  | 906.7  |
| 137.5° | 691.0  | 763.8  | 828.9  | 871.2  | 904.2  | 925.7  | 941.0  | 950.5  | 956.4  | 959.1  | 956.4  |
| 140°   | 728.0  | 798.1  | 861.4  | 905.5  | 934.9  | 956.4  | 970.0  | 981.3  | 988.1  | 988.1  | 988.1  |
| 142.5° | 763.3  | 832.5  | 894.0  | 938.1  | 963.9  | 983.5  | 998.0  | 1006.6 | 1014.3 | 1014.3 | 1014.3 |
| 145°   | 812.8  | 881.8  | 938.3  | 982.4  | 1003.9 | 1022.0 | 1037.8 | 1044.6 | 1049.1 | 1049.1 | 1049.1 |
| 147.5° | 864.6  | 925.7  | 977.2  | 1019.5 | 1037.6 | 1058.8 | 1071.3 | 1076.7 | 1082.3 | 1079.9 | 1082.3 |
| 150°   | 895.4  | 951.9  | 1001.6 | 1041.2 | 1059.3 | 1079.6 | 1092.1 | 1096.6 | 1102.2 | 1098.8 | 1102.2 |
| 152.5° | 925.2  | 979.0  | 1024.2 | 1061.1 | 1076.5 | 1096.8 | 1111.1 | 1115.6 | 1119.4 | 1116.9 | 1119.4 |
| 155°   | 965.4  | 1012.9 | 1054.8 | 1088.7 | 1102.2 | 1121.5 | 1135.0 | 1140.7 | 1145.2 | 1139.5 | 1145.2 |
| 157.5° | 1001.4 | 1042.3 | 1078.7 | 1109.9 | 1124.4 | 1140.9 | 1153.6 | 1160.6 | 1165.1 | 1162.6 | 1165.1 |
| 160°   | 1023.1 | 1060.4 | 1093.2 | 1122.6 | 1136.1 | 1150.8 | 1164.4 | 1172.3 | 1176.8 | 1173.5 | 1176.8 |
| 162.5° | 1041.2 | 1074.9 | 1105.9 | 1132.5 | 1144.3 | 1157.2 | 1173.5 | 1180.5 | 1185.0 | 1180.7 | 1185.0 |
| 165°   | 1067.2 | 1094.3 | 1121.5 | 1144.1 | 1154.2 | 1164.4 | 1181.4 | 1189.3 | 1192.7 | 1188.2 | 1192.7 |
| 167.5° | 1086.9 | 1107.7 | 1129.6 | 1149.0 | 1156.5 | 1166.4 | 1183.4 | 1190.0 | 1194.3 | 1188.6 | 1194.3 |
| 170°   | 1097.7 | 1115.8 | 1135.0 | 1150.8 | 1156.5 | 1165.5 | 1182.5 | 1188.2 | 1191.5 | 1185.9 | 1191.5 |
| 172.5° | 1106.8 | 1120.3 | 1135.9 | 1149.9 | 1152.9 | 1160.1 | 1176.2 | 1181.8 | 1184.3 | 1179.6 | 1184.3 |
| 175°   | 1115.8 | 1123.7 | 1135.0 | 1144.1 | 1142.9 | 1147.5 | 1161.0 | 1165.5 | 1170.1 | 1163.3 | 1170.1 |
| 177.5° | 1120.1 | 1123.7 | 1127.3 | 1132.8 | 1129.1 | 1129.1 | 1139.1 | 1141.8 | 1142.7 | 1139.1 | 1142.7 |
| 180°   | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 |



TEST NUMBER: P1428060

CATALOG NUMBER: SQ2W-PP3-K-075U-050D-L835-UNV-STD-W-WM-4

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 120°   | 130°   | 140°   | 150°   | 160°   | 170°   | 180°   | 190°   | 200°   | 210°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1070.6 | 1070.6 | 1070.6 | 1070.6 | 1070.6 | 1070.6 | 1070.6 | 1070.6 | 1070.6 | 1070.6 | 1070.6 |
| 2.5°   | 1069.9 | 1069.1 | 1068.2 | 1070.1 | 1074.5 | 1076.1 | 1069.3 | 1062.4 | 1069.3 | 1076.1 | 1074.5 |
| 5°     | 1070.3 | 1068.7 | 1067.7 | 1069.4 | 1074.0 | 1075.2 | 1066.7 | 1058.1 | 1066.7 | 1075.2 | 1074.0 |
| 7.5°   | 1068.7 | 1066.3 | 1064.6 | 1066.0 | 1070.4 | 1071.5 | 1062.8 | 1054.0 | 1062.8 | 1071.5 | 1070.4 |
| 10°    | 1065.8 | 1063.0 | 1060.5 | 1061.3 | 1065.3 | 1066.4 | 1058.9 | 1051.3 | 1058.9 | 1066.4 | 1065.3 |
| 12.5°  | 1059.3 | 1056.1 | 1052.8 | 1052.9 | 1056.5 | 1057.5 | 1050.3 | 1043.2 | 1050.3 | 1057.5 | 1056.5 |
| 15°    | 1049.7 | 1045.7 | 1041.1 | 1039.9 | 1041.9 | 1041.8 | 1035.2 | 1028.7 | 1035.2 | 1041.8 | 1041.9 |
| 17.5°  | 1041.6 | 1036.1 | 1029.6 | 1026.5 | 1026.7 | 1024.9 | 1016.9 | 1009.0 | 1016.9 | 1024.9 | 1026.7 |
| 20°    | 1036.7 | 1029.4 | 1021.4 | 1016.9 | 1015.9 | 1012.7 | 1003.2 | 993.6  | 1003.2 | 1012.7 | 1015.9 |
| 22.5°  | 1035.8 | 1024.6 | 1012.5 | 1005.6 | 1003.8 | 999.6  | 988.5  | 977.3  | 988.5  | 999.6  | 1003.8 |
| 25°    | 1036.5 | 1020.0 | 1002.4 | 990.1  | 983.0  | 975.0  | 963.9  | 952.9  | 963.9  | 975.0  | 983.0  |
| 27.5°  | 1029.5 | 1012.0 | 992.2  | 974.9  | 960.1  | 946.3  | 935.3  | 924.4  | 935.3  | 946.3  | 960.1  |
| 30°    | 1017.5 | 999.6  | 979.0  | 959.9  | 942.3  | 926.5  | 915.9  | 905.3  | 915.9  | 926.5  | 942.3  |
| 32.5°  | 1001.0 | 982.1  | 959.9  | 939.4  | 920.6  | 903.7  | 892.8  | 881.8  | 892.8  | 903.7  | 920.6  |
| 35°    | 972.2  | 953.6  | 930.5  | 907.6  | 885.0  | 865.4  | 854.8  | 844.2  | 854.8  | 865.4  | 885.0  |
| 37.5°  | 914.2  | 904.4  | 891.5  | 872.3  | 846.9  | 824.9  | 813.0  | 801.0  | 813.0  | 824.9  | 846.9  |
| 40°    | 861.8  | 861.6  | 859.1  | 845.7  | 821.6  | 799.6  | 784.0  | 768.4  | 784.0  | 799.6  | 821.6  |
| 42.5°  | 790.1  | 804.8  | 814.8  | 811.3  | 794.4  | 776.8  | 756.7  | 736.7  | 756.7  | 776.8  | 794.4  |
| 45°    | 636.6  | 679.8  | 730.6  | 752.7  | 746.1  | 735.3  | 711.7  | 688.1  | 711.7  | 735.3  | 746.1  |
| 47.5°  | 534.5  | 579.4  | 634.6  | 668.1  | 679.9  | 682.9  | 659.6  | 636.2  | 659.6  | 682.9  | 679.9  |
| 50°    | 477.7  | 516.0  | 562.8  | 600.5  | 629.2  | 645.2  | 623.0  | 600.9  | 623.0  | 645.2  | 629.2  |
| 52.5°  | 421.7  | 457.2  | 497.9  | 537.7  | 576.4  | 600.5  | 580.8  | 561.1  | 580.8  | 600.5  | 576.4  |
| 55°    | 327.9  | 368.5  | 416.3  | 460.1  | 499.8  | 526.2  | 512.6  | 499.1  | 512.6  | 526.2  | 499.8  |
| 57.5°  | 244.7  | 292.2  | 348.3  | 391.8  | 422.7  | 443.5  | 433.9  | 424.4  | 433.9  | 443.5  | 422.7  |
| 60°    | 202.2  | 246.3  | 301.7  | 343.1  | 370.8  | 389.7  | 382.1  | 374.6  | 382.1  | 389.7  | 370.8  |
| 62.5°  | 176.7  | 211.9  | 257.6  | 294.7  | 323.1  | 342.8  | 336.1  | 329.3  | 336.1  | 342.8  | 323.1  |
| 65°    | 151.5  | 172.8  | 200.9  | 229.9  | 259.5  | 280.2  | 273.6  | 267.1  | 273.6  | 280.2  | 259.5  |
| 67.5°  | 132.3  | 143.3  | 157.8  | 179.1  | 207.4  | 226.8  | 219.7  | 212.5  | 219.7  | 226.8  | 207.4  |
| 70°    | 118.6  | 124.9  | 132.9  | 150.3  | 176.9  | 195.0  | 187.5  | 179.9  | 187.5  | 195.0  | 176.9  |
| 72.5°  | 104.2  | 108.3  | 113.5  | 127.8  | 151.3  | 167.1  | 159.9  | 152.8  | 159.9  | 167.1  | 151.3  |
| 75°    | 83.6   | 85.6   | 88.1   | 98.0   | 115.1  | 126.5  | 121.0  | 115.4  | 121.0  | 126.5  | 115.1  |
| 77.5°  | 63.5   | 64.6   | 65.9   | 72.1   | 83.3   | 90.8   | 87.3   | 83.7   | 87.3   | 90.8   | 83.3   |
| 80°    | 50.8   | 51.3   | 51.8   | 55.8   | 63.4   | 68.7   | 67.1   | 65.6   | 67.1   | 68.7   | 63.4   |
| 82.5°  | 38.0   | 38.6   | 39.1   | 41.3   | 45.3   | 48.3   | 48.8   | 49.3   | 48.8   | 48.3   | 45.3   |
| 85°    | 16.6   | 18.5   | 20.5   | 22.0   | 23.0   | 24.0   | 25.0   | 26.0   | 25.0   | 24.0   | 23.0   |
| 87.5°  | 7.5    | 7.5    | 7.9    | 8.9    | 10.3   | 10.9   | 9.7    | 8.8    | 9.7    | 10.6   | 10.7   |
| 90°    | 23.7   | 22.6   | 22.6   | 21.5   | 18.1   | 13.6   | 7.9    | 3.4    | 7.9    | 12.4   | 20.3   |
| 92.5°  | 28.3   | 28.0   | 26.2   | 24.2   | 19.9   | 19.9   | 19.7   | 12.4   | 21.5   | 30.5   | 43.9   |
| 95°    | 26.0   | 26.0   | 30.5   | 38.4   | 56.5   | 57.7   | 38.4   | 35.0   | 49.7   | 70.1   | 88.2   |
| 97.5°  | 70.3   | 83.7   | 102.6  | 106.3  | 100.6  | 75.1   | 71.9   | 66.9   | 91.1   | 111.2  | 140.4  |
| 100°   | 130.0  | 147.0  | 160.5  | 133.4  | 105.1  | 104.0  | 97.2   | 95.0   | 121.0  | 140.2  | 168.4  |
| 102.5° | 203.3  | 208.5  | 161.4  | 146.1  | 139.5  | 134.8  | 124.4  | 123.0  | 149.0  | 175.5  | 199.2  |
| 105°   | 220.4  | 197.8  | 199.0  | 199.0  | 194.4  | 185.4  | 166.2  | 165.1  | 194.4  | 225.0  | 254.4  |
| 107.5° | 259.3  | 262.7  | 268.6  | 267.2  | 262.0  | 237.9  | 215.2  | 210.0  | 236.5  | 273.1  | 305.5  |
| 110°   | 310.9  | 314.3  | 316.5  | 314.3  | 306.4  | 275.8  | 248.7  | 240.8  | 264.5  | 303.0  | 338.0  |



TEST NUMBER: P1428060

CATALOG NUMBER: SQ2W-PP3-K-075U-050D-L835-UNV-STD-W-WM-4

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 120°   | 130°   | 140°   | 150°   | 160°   | 170°   | 180°   | 190°   | 200°   | 210°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 360.6  | 363.1  | 368.1  | 361.3  | 348.0  | 312.9  | 282.2  | 270.6  | 294.4  | 333.7  | 369.7  |
| 115°   | 439.8  | 439.8  | 440.9  | 437.5  | 410.4  | 374.2  | 333.5  | 316.5  | 336.9  | 373.1  | 412.6  |
| 117.5° | 517.5  | 518.9  | 514.4  | 505.3  | 473.9  | 431.8  | 386.2  | 359.0  | 375.1  | 413.3  | 454.0  |
| 120°   | 566.4  | 568.6  | 564.1  | 550.6  | 520.0  | 472.5  | 420.5  | 388.9  | 401.3  | 438.6  | 479.3  |
| 122.5° | 617.0  | 616.6  | 611.1  | 595.8  | 559.8  | 510.5  | 459.4  | 420.5  | 425.7  | 460.3  | 500.1  |
| 125°   | 687.3  | 686.2  | 681.7  | 663.6  | 626.3  | 575.4  | 515.5  | 468.0  | 461.2  | 490.6  | 531.3  |
| 127.5° | 754.3  | 751.8  | 744.8  | 722.8  | 684.6  | 635.6  | 569.8  | 516.0  | 500.8  | 519.4  | 556.7  |
| 130°   | 800.4  | 797.0  | 784.6  | 760.8  | 723.5  | 677.2  | 610.5  | 549.4  | 527.9  | 539.2  | 572.0  |
| 132.5° | 844.7  | 835.0  | 824.4  | 798.8  | 764.2  | 716.1  | 648.5  | 584.7  | 555.1  | 560.0  | 585.6  |
| 135°   | 901.0  | 892.0  | 878.4  | 853.5  | 820.7  | 773.3  | 705.4  | 636.5  | 595.8  | 591.2  | 605.9  |
| 137.5° | 950.5  | 941.0  | 925.7  | 904.2  | 871.2  | 828.9  | 763.8  | 691.0  | 639.6  | 624.5  | 630.1  |
| 140°   | 981.3  | 970.0  | 956.4  | 934.9  | 905.5  | 861.4  | 798.1  | 728.0  | 670.4  | 648.9  | 645.5  |
| 142.5° | 1006.6 | 998.0  | 983.5  | 963.9  | 938.1  | 894.0  | 832.5  | 763.3  | 702.0  | 674.2  | 666.3  |
| 145°   | 1044.6 | 1037.8 | 1022.0 | 1003.9 | 982.4  | 938.3  | 881.8  | 812.8  | 751.8  | 715.6  | 698.6  |
| 147.5° | 1076.7 | 1071.3 | 1058.8 | 1037.6 | 1019.5 | 977.2  | 925.7  | 864.6  | 802.0  | 757.2  | 735.3  |
| 150°   | 1096.6 | 1092.1 | 1079.6 | 1059.3 | 1041.2 | 1001.6 | 951.9  | 895.4  | 835.4  | 788.0  | 759.7  |
| 152.5° | 1115.6 | 1111.1 | 1096.8 | 1076.5 | 1061.1 | 1024.2 | 979.0  | 925.2  | 864.4  | 816.9  | 787.7  |
| 155°   | 1140.7 | 1135.0 | 1121.5 | 1102.2 | 1088.7 | 1054.8 | 1012.9 | 965.4  | 913.4  | 863.7  | 830.9  |
| 157.5° | 1160.6 | 1153.6 | 1140.9 | 1124.4 | 1109.9 | 1078.7 | 1042.3 | 1001.4 | 955.9  | 908.5  | 875.0  |
| 160°   | 1172.3 | 1164.4 | 1150.8 | 1136.1 | 1122.6 | 1093.2 | 1060.4 | 1023.1 | 981.3  | 938.3  | 902.1  |
| 162.5° | 1180.5 | 1173.5 | 1157.2 | 1144.3 | 1132.5 | 1105.9 | 1074.9 | 1041.2 | 1003.9 | 966.3  | 932.9  |
| 165°   | 1189.3 | 1181.4 | 1164.4 | 1154.2 | 1144.1 | 1121.5 | 1094.3 | 1067.2 | 1035.5 | 1005.0 | 977.9  |
| 167.5° | 1190.0 | 1183.4 | 1166.4 | 1156.5 | 1149.0 | 1129.6 | 1107.7 | 1086.9 | 1062.2 | 1038.2 | 1015.6 |
| 170°   | 1188.2 | 1182.5 | 1165.5 | 1156.5 | 1150.8 | 1135.0 | 1115.8 | 1097.7 | 1078.5 | 1058.1 | 1040.1 |
| 172.5° | 1181.8 | 1176.2 | 1160.1 | 1152.9 | 1149.9 | 1135.9 | 1120.3 | 1106.8 | 1090.3 | 1075.3 | 1060.9 |
| 175°   | 1165.5 | 1161.0 | 1147.5 | 1142.9 | 1144.1 | 1135.0 | 1123.7 | 1115.8 | 1105.6 | 1096.6 | 1088.7 |
| 177.5° | 1141.8 | 1139.1 | 1129.1 | 1129.1 | 1132.8 | 1127.3 | 1123.7 | 1120.1 | 1115.6 | 1112.9 | 1110.1 |
| 180°   | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 |



TEST NUMBER: P1428060

CATALOG NUMBER: SQ2W-PP3-K-075U-050D-L835-UNV-STD-W-WM-4

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 230°   | 240°   | 250°   | 260°   | 270°   | 280°   | 290°   | 300°   | 310°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1070.6 | 1070.6 | 1070.6 | 1070.6 | 1070.6 | 1070.6 | 1070.6 | 1070.6 | 1070.6 | 1070.6 | 1070.6 |
| 2.5°   | 1070.1 | 1068.2 | 1069.1 | 1069.9 | 1070.7 | 1071.5 | 1070.7 | 1069.9 | 1069.1 | 1068.2 | 1070.1 |
| 5°     | 1069.4 | 1067.7 | 1068.7 | 1070.3 | 1073.8 | 1077.4 | 1073.8 | 1070.3 | 1068.7 | 1067.7 | 1069.4 |
| 7.5°   | 1066.0 | 1064.6 | 1066.3 | 1068.7 | 1073.0 | 1077.4 | 1073.0 | 1068.7 | 1066.3 | 1064.6 | 1066.0 |
| 10°    | 1061.3 | 1060.5 | 1063.0 | 1065.8 | 1069.3 | 1072.8 | 1069.3 | 1065.8 | 1063.0 | 1060.5 | 1061.3 |
| 12.5°  | 1052.9 | 1052.8 | 1056.1 | 1059.3 | 1062.5 | 1065.6 | 1062.5 | 1059.3 | 1056.1 | 1052.8 | 1052.9 |
| 15°    | 1039.9 | 1041.1 | 1045.7 | 1049.7 | 1052.2 | 1054.7 | 1052.2 | 1049.7 | 1045.7 | 1041.1 | 1039.9 |
| 17.5°  | 1026.5 | 1029.6 | 1036.1 | 1041.6 | 1044.2 | 1046.8 | 1044.2 | 1041.6 | 1036.1 | 1029.6 | 1026.5 |
| 20°    | 1016.9 | 1021.4 | 1029.4 | 1036.7 | 1041.8 | 1046.8 | 1041.8 | 1036.7 | 1029.4 | 1021.4 | 1016.9 |
| 22.5°  | 1005.6 | 1012.5 | 1024.6 | 1035.8 | 1044.5 | 1053.1 | 1044.5 | 1035.8 | 1024.6 | 1012.5 | 1005.6 |
| 25°    | 990.1  | 1002.4 | 1020.0 | 1036.5 | 1049.6 | 1062.6 | 1049.6 | 1036.5 | 1020.0 | 1002.4 | 990.1  |
| 27.5°  | 974.9  | 992.2  | 1012.0 | 1029.5 | 1039.8 | 1050.2 | 1039.8 | 1029.5 | 1012.0 | 992.2  | 974.9  |
| 30°    | 959.9  | 979.0  | 999.6  | 1017.5 | 1027.1 | 1036.6 | 1027.1 | 1017.5 | 999.6  | 979.0  | 959.9  |
| 32.5°  | 939.4  | 959.9  | 982.1  | 1001.0 | 1009.8 | 1018.5 | 1009.8 | 1001.0 | 982.1  | 959.9  | 939.4  |
| 35°    | 907.6  | 930.5  | 953.6  | 972.2  | 977.3  | 982.3  | 977.3  | 972.2  | 953.6  | 930.5  | 907.6  |
| 37.5°  | 872.3  | 891.5  | 904.4  | 914.2  | 914.5  | 914.8  | 914.5  | 914.2  | 904.4  | 891.5  | 872.3  |
| 40°    | 845.7  | 859.1  | 861.6  | 861.8  | 855.3  | 848.8  | 855.3  | 861.6  | 861.6  | 859.1  | 845.7  |
| 42.5°  | 811.3  | 814.8  | 804.8  | 790.1  | 761.0  | 732.0  | 761.0  | 790.1  | 804.8  | 814.8  | 811.3  |
| 45°    | 752.7  | 730.6  | 679.8  | 636.6  | 616.5  | 596.4  | 616.5  | 636.6  | 679.8  | 730.6  | 752.7  |
| 47.5°  | 668.1  | 634.6  | 579.4  | 534.5  | 520.6  | 506.8  | 520.6  | 534.5  | 579.4  | 634.6  | 668.1  |
| 50°    | 600.5  | 562.8  | 516.0  | 477.7  | 464.6  | 451.5  | 464.6  | 477.7  | 516.0  | 562.8  | 600.5  |
| 52.5°  | 537.7  | 497.9  | 457.2  | 421.7  | 401.7  | 381.8  | 401.7  | 421.7  | 457.2  | 497.9  | 537.7  |
| 55°    | 460.1  | 416.3  | 368.5  | 327.9  | 308.8  | 289.7  | 308.8  | 327.9  | 368.5  | 416.3  | 460.1  |
| 57.5°  | 391.8  | 348.3  | 292.2  | 244.7  | 223.3  | 201.9  | 223.3  | 244.7  | 292.2  | 348.3  | 391.8  |
| 60°    | 343.1  | 301.7  | 246.3  | 202.2  | 191.6  | 181.1  | 191.6  | 202.2  | 246.3  | 301.7  | 343.1  |
| 62.5°  | 294.7  | 257.6  | 211.9  | 176.7  | 173.0  | 169.3  | 173.0  | 176.7  | 211.9  | 257.6  | 294.7  |
| 65°    | 229.9  | 200.9  | 172.8  | 151.5  | 151.0  | 150.5  | 151.0  | 151.5  | 172.8  | 200.9  | 229.9  |
| 67.5°  | 179.1  | 157.8  | 143.3  | 132.3  | 131.7  | 131.0  | 131.7  | 132.3  | 143.3  | 157.8  | 179.1  |
| 70°    | 150.3  | 132.9  | 124.9  | 118.6  | 117.6  | 116.6  | 117.6  | 118.6  | 124.9  | 132.9  | 150.3  |
| 72.5°  | 127.8  | 113.5  | 108.3  | 104.2  | 103.6  | 103.0  | 103.6  | 104.2  | 108.3  | 113.5  | 127.8  |
| 75°    | 98.0   | 88.1   | 85.6   | 83.6   | 83.1   | 82.6   | 83.1   | 83.6   | 85.6   | 88.1   | 98.0   |
| 77.5°  | 72.1   | 65.9   | 64.6   | 63.5   | 63.0   | 62.5   | 63.0   | 63.5   | 64.6   | 65.9   | 72.1   |
| 80°    | 55.8   | 51.8   | 51.3   | 50.8   | 50.3   | 49.8   | 50.3   | 50.8   | 51.3   | 51.8   | 55.8   |
| 82.5°  | 41.3   | 39.1   | 38.6   | 38.0   | 37.1   | 36.2   | 37.1   | 38.0   | 38.6   | 39.1   | 41.3   |
| 85°    | 22.0   | 20.5   | 18.5   | 16.6   | 15.1   | 13.6   | 15.1   | 16.6   | 18.5   | 20.5   | 22.0   |
| 87.5°  | 9.8    | 10.2   | 11.4   | 12.0   | 12.9   | 12.4   | 12.9   | 12.0   | 11.4   | 10.2   | 9.8    |
| 90°    | 26.0   | 33.9   | 41.8   | 46.4   | 50.9   | 48.6   | 50.9   | 46.4   | 41.8   | 33.9   | 26.0   |
| 92.5°  | 52.2   | 65.6   | 75.3   | 83.4   | 87.0   | 86.6   | 87.0   | 83.4   | 75.3   | 65.6   | 52.2   |
| 95°    | 105.1  | 121.0  | 136.8  | 148.1  | 154.9  | 152.6  | 154.9  | 148.1  | 136.8  | 121.0  | 105.1  |
| 97.5°  | 162.1  | 183.4  | 201.0  | 211.6  | 218.4  | 222.9  | 218.4  | 211.6  | 201.0  | 183.4  | 162.1  |
| 100°   | 200.1  | 220.4  | 240.8  | 253.2  | 264.5  | 269.1  | 264.5  | 253.2  | 240.8  | 220.4  | 200.1  |
| 102.5° | 230.8  | 257.5  | 279.7  | 293.0  | 302.5  | 307.0  | 302.5  | 293.0  | 279.7  | 257.5  | 230.8  |
| 105°   | 281.5  | 309.8  | 333.5  | 350.5  | 360.6  | 364.0  | 360.6  | 350.5  | 333.5  | 309.8  | 281.5  |
| 107.5° | 332.1  | 361.3  | 383.2  | 402.0  | 414.4  | 421.7  | 414.4  | 402.0  | 383.2  | 361.3  | 332.1  |
| 110°   | 371.9  | 395.7  | 419.4  | 436.4  | 448.8  | 453.3  | 448.8  | 436.4  | 419.4  | 395.7  | 371.9  |



TEST NUMBER: P1428060

CATALOG NUMBER: SQ2W-PP3-K-075U-050D-L835-UNV-STD-W-WM-4

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 230°   | 240°   | 250°   | 260°   | 270°   | 280°   | 290°   | 300°   | 310°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 405.4  | 431.8  | 455.6  | 472.5  | 486.8  | 493.1  | 486.8  | 472.5  | 455.6  | 431.8  | 405.4  |
| 115°   | 452.2  | 487.2  | 508.7  | 524.6  | 534.7  | 540.4  | 534.7  | 524.6  | 508.7  | 487.2  | 452.2  |
| 117.5° | 491.1  | 527.7  | 551.2  | 563.4  | 568.2  | 572.3  | 568.2  | 563.4  | 551.2  | 527.7  | 491.1  |
| 120°   | 515.5  | 549.4  | 576.6  | 592.4  | 598.0  | 600.3  | 598.0  | 592.4  | 576.6  | 549.4  | 515.5  |
| 122.5° | 538.1  | 570.2  | 596.5  | 615.9  | 625.2  | 627.4  | 625.2  | 615.9  | 596.5  | 570.2  | 538.1  |
| 125°   | 569.8  | 600.3  | 627.4  | 646.6  | 656.8  | 662.5  | 656.8  | 646.6  | 627.4  | 600.3  | 569.8  |
| 127.5° | 597.4  | 630.4  | 655.2  | 672.6  | 682.6  | 687.1  | 682.6  | 672.6  | 655.2  | 630.4  | 597.4  |
| 130°   | 612.7  | 646.6  | 671.5  | 690.7  | 699.8  | 704.3  | 699.8  | 690.7  | 671.5  | 646.6  | 612.7  |
| 132.5° | 624.5  | 660.2  | 686.0  | 703.4  | 713.3  | 717.9  | 713.3  | 703.4  | 686.0  | 660.2  | 624.5  |
| 135°   | 638.7  | 676.0  | 703.2  | 720.1  | 729.2  | 733.7  | 729.2  | 720.1  | 703.2  | 676.0  | 638.7  |
| 137.5° | 651.2  | 685.1  | 713.3  | 731.2  | 739.3  | 742.3  | 739.3  | 731.2  | 713.3  | 685.1  | 651.2  |
| 140°   | 660.2  | 689.6  | 717.9  | 734.8  | 743.9  | 745.0  | 743.9  | 734.8  | 717.9  | 689.6  | 660.2  |
| 142.5° | 672.0  | 695.0  | 719.7  | 736.6  | 745.7  | 747.7  | 745.7  | 736.6  | 719.7  | 695.0  | 672.0  |
| 145°   | 693.0  | 706.6  | 723.5  | 739.3  | 747.3  | 749.5  | 747.3  | 739.3  | 723.5  | 706.6  | 693.0  |
| 147.5° | 719.4  | 723.7  | 732.6  | 743.0  | 750.6  | 752.2  | 750.6  | 743.0  | 732.6  | 723.7  | 719.4  |
| 150°   | 739.3  | 738.2  | 741.6  | 748.4  | 755.2  | 754.0  | 755.2  | 748.4  | 741.6  | 738.2  | 739.3  |
| 152.5° | 762.0  | 755.4  | 755.2  | 758.3  | 761.5  | 761.3  | 761.5  | 758.3  | 755.2  | 755.4  | 762.0  |
| 155°   | 800.4  | 788.0  | 781.2  | 778.9  | 778.9  | 777.8  | 778.9  | 778.9  | 781.2  | 788.0  | 800.4  |
| 157.5° | 842.7  | 825.3  | 815.1  | 809.7  | 808.1  | 805.6  | 808.1  | 809.7  | 815.1  | 825.3  | 842.7  |
| 160°   | 871.6  | 852.4  | 842.2  | 833.2  | 829.8  | 826.4  | 829.8  | 833.2  | 842.2  | 852.4  | 871.6  |
| 162.5° | 898.7  | 880.4  | 869.4  | 861.2  | 857.8  | 852.6  | 857.8  | 861.2  | 869.4  | 880.4  | 898.7  |
| 165°   | 942.8  | 923.6  | 911.2  | 904.4  | 899.9  | 895.4  | 899.9  | 904.4  | 911.2  | 923.6  | 942.8  |
| 167.5° | 986.9  | 965.9  | 957.8  | 950.1  | 945.8  | 937.6  | 945.8  | 950.1  | 957.8  | 965.9  | 986.9  |
| 170°   | 1014.1 | 994.8  | 990.3  | 983.5  | 975.6  | 966.6  | 975.6  | 983.5  | 990.3  | 994.8  | 1014.1 |
| 172.5° | 1037.6 | 1024.7 | 1020.2 | 1013.4 | 1010.9 | 1003.7 | 1010.9 | 1013.4 | 1020.2 | 1024.7 | 1037.6 |
| 175°   | 1071.7 | 1061.5 | 1061.5 | 1060.4 | 1057.0 | 1050.2 | 1057.0 | 1060.4 | 1061.5 | 1061.5 | 1071.7 |
| 177.5° | 1100.2 | 1094.8 | 1098.4 | 1098.4 | 1097.5 | 1091.2 | 1097.5 | 1098.4 | 1098.4 | 1094.8 | 1100.2 |
| 180°   | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 | 1119.2 |



TEST NUMBER: P1428060

CATALOG NUMBER: SQ2W-PP3-K-075U-050D-L835-UNV-STD-W-WM-4

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1070.6 | 1070.6 | 1070.6 | 1070.6 |
| 2.5°   | 1074.5 | 1076.1 | 1069.3 | 1062.4 |
| 5°     | 1074.0 | 1075.2 | 1066.7 | 1058.1 |
| 7.5°   | 1070.4 | 1071.5 | 1062.8 | 1054.0 |
| 10°    | 1065.3 | 1066.4 | 1058.9 | 1051.3 |
| 12.5°  | 1056.5 | 1057.5 | 1050.3 | 1043.2 |
| 15°    | 1041.9 | 1041.8 | 1035.2 | 1028.7 |
| 17.5°  | 1026.7 | 1024.9 | 1016.9 | 1009.0 |
| 20°    | 1015.9 | 1012.7 | 1003.2 | 993.6  |
| 22.5°  | 1003.8 | 999.6  | 988.5  | 977.3  |
| 25°    | 983.0  | 975.0  | 963.9  | 952.9  |
| 27.5°  | 960.1  | 946.3  | 935.3  | 924.4  |
| 30°    | 942.3  | 926.5  | 915.9  | 905.3  |
| 32.5°  | 920.6  | 903.7  | 892.8  | 881.8  |
| 35°    | 885.0  | 865.4  | 854.8  | 844.2  |
| 37.5°  | 846.9  | 824.9  | 813.0  | 801.0  |
| 40°    | 821.6  | 799.6  | 784.0  | 768.4  |
| 42.5°  | 794.4  | 776.8  | 756.7  | 736.7  |
| 45°    | 746.1  | 735.3  | 711.7  | 688.1  |
| 47.5°  | 679.9  | 682.9  | 659.6  | 636.2  |
| 50°    | 629.2  | 645.2  | 623.0  | 600.9  |
| 52.5°  | 576.4  | 600.5  | 580.8  | 561.1  |
| 55°    | 499.8  | 526.2  | 512.6  | 499.1  |
| 57.5°  | 422.7  | 443.5  | 433.9  | 424.4  |
| 60°    | 370.8  | 389.7  | 382.1  | 374.6  |
| 62.5°  | 323.1  | 342.8  | 336.1  | 329.3  |
| 65°    | 259.5  | 280.2  | 273.6  | 267.1  |
| 67.5°  | 207.4  | 226.8  | 219.7  | 212.5  |
| 70°    | 176.9  | 195.0  | 187.5  | 179.9  |
| 72.5°  | 151.3  | 167.1  | 159.9  | 152.8  |
| 75°    | 115.1  | 126.5  | 121.0  | 115.4  |
| 77.5°  | 83.3   | 90.8   | 87.3   | 83.7   |
| 80°    | 63.4   | 68.7   | 67.1   | 65.6   |
| 82.5°  | 45.3   | 48.3   | 48.8   | 49.3   |
| 85°    | 23.0   | 24.0   | 25.0   | 26.0   |
| 87.5°  | 10.7   | 10.6   | 9.7    | 8.8    |
| 90°    | 20.3   | 12.4   | 7.9    | 3.4    |
| 92.5°  | 43.9   | 30.5   | 21.5   | 12.4   |
| 95°    | 88.2   | 70.1   | 49.7   | 35.0   |
| 97.5°  | 140.4  | 111.2  | 91.1   | 66.9   |
| 100°   | 168.4  | 140.2  | 121.0  | 95.0   |
| 102.5° | 199.2  | 175.5  | 149.0  | 123.0  |
| 105°   | 254.4  | 225.0  | 194.4  | 165.1  |
| 107.5° | 305.5  | 273.1  | 236.5  | 210.0  |
| 110°   | 338.0  | 303.0  | 264.5  | 240.8  |



TEST NUMBER: P1428060

CATALOG NUMBER: SQ2W-PP3-K-075U-050D-L835-UNV-STD-W-WM-4

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 369.7  | 333.7  | 294.4  | 270.6  |
| 115°   | 412.6  | 373.1  | 336.9  | 316.5  |
| 117.5° | 454.0  | 413.3  | 375.1  | 359.0  |
| 120°   | 479.3  | 438.6  | 401.3  | 388.9  |
| 122.5° | 500.1  | 460.3  | 425.7  | 420.5  |
| 125°   | 531.3  | 490.6  | 461.2  | 468.0  |
| 127.5° | 556.7  | 519.4  | 500.8  | 516.0  |
| 130°   | 572.0  | 539.2  | 527.9  | 549.4  |
| 132.5° | 585.6  | 560.0  | 555.1  | 584.7  |
| 135°   | 605.9  | 591.2  | 595.8  | 636.5  |
| 137.5° | 630.1  | 624.5  | 639.6  | 691.0  |
| 140°   | 645.5  | 648.9  | 670.4  | 728.0  |
| 142.5° | 666.3  | 674.2  | 702.0  | 763.3  |
| 145°   | 698.6  | 715.6  | 751.8  | 812.8  |
| 147.5° | 735.3  | 757.2  | 802.0  | 864.6  |
| 150°   | 759.7  | 788.0  | 835.4  | 895.4  |
| 152.5° | 787.7  | 816.9  | 864.4  | 925.2  |
| 155°   | 830.9  | 863.7  | 913.4  | 965.4  |
| 157.5° | 875.0  | 908.5  | 955.9  | 1001.4 |
| 160°   | 902.1  | 938.3  | 981.3  | 1023.1 |
| 162.5° | 932.9  | 966.3  | 1003.9 | 1041.2 |
| 165°   | 977.9  | 1005.0 | 1035.5 | 1067.2 |
| 167.5° | 1015.6 | 1038.2 | 1062.2 | 1086.9 |
| 170°   | 1040.1 | 1058.1 | 1078.5 | 1097.7 |
| 172.5° | 1060.9 | 1075.3 | 1090.3 | 1106.8 |
| 175°   | 1088.7 | 1096.6 | 1105.6 | 1115.8 |
| 177.5° | 1110.1 | 1112.9 | 1115.6 | 1120.1 |
| 180°   | 1119.2 | 1119.2 | 1119.2 | 1119.2 |



TEST NUMBER: P1428060  
 CATALOG NUMBER: SQ2W-PP3-K-075U-050D-L835-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 | 16.89            | 17.69 | 17.90 | 18.70 | 20.04 | 12.66          | 13.46 | 13.67 | 14.47 | 15.81 |
|                 | 3H   | 17.95            | 18.66 | 18.96 | 19.67 | 21.04 | 13.97          | 14.68 | 14.98 | 15.70 | 17.06 |
|                 | 4H   | 18.31            | 18.98 | 19.34 | 20.01 | 21.37 | 14.52          | 15.19 | 15.55 | 16.21 | 17.58 |
|                 | 6H   | 18.50            | 19.12 | 19.54 | 20.15 | 21.53 | 14.88          | 15.50 | 15.92 | 16.52 | 17.91 |
|                 | 8H   | 18.56            | 19.15 | 19.61 | 20.19 | 21.57 | 15.01          | 15.60 | 16.05 | 16.64 | 18.01 |
|                 | 12H  | 18.58            | 19.14 | 19.63 | 20.17 | 21.57 | 15.04          | 15.60 | 16.09 | 16.63 | 18.03 |
| 4H              | 2H   | 17.00            | 17.67 | 18.04 | 18.69 | 20.06 | 13.56          | 14.23 | 14.60 | 15.26 | 16.62 |
|                 | 3H   | 18.29            | 18.85 | 19.33 | 19.90 | 21.28 | 14.98          | 15.54 | 16.02 | 16.59 | 17.97 |
|                 | 4H   | 18.80            | 19.30 | 19.84 | 20.35 | 21.75 | 15.60          | 16.11 | 16.65 | 17.15 | 18.55 |
|                 | 6H   | 19.11            | 19.54 | 20.17 | 20.61 | 22.01 | 16.04          | 16.48 | 17.10 | 17.54 | 18.94 |
|                 | 8H   | 19.22            | 19.62 | 20.27 | 20.68 | 22.09 | 16.21          | 16.62 | 17.27 | 17.67 | 19.09 |
|                 | 12H  | 19.26            | 19.62 | 20.33 | 20.70 | 22.12 | 16.26          | 16.62 | 17.33 | 17.70 | 19.12 |
| 8H              | 4H   | 18.81            | 19.22 | 19.87 | 20.27 | 21.69 | 15.90          | 16.31 | 16.96 | 17.37 | 18.78 |
|                 | 6H   | 19.22            | 19.56 | 20.30 | 20.66 | 22.07 | 16.46          | 16.80 | 17.54 | 17.90 | 19.31 |
|                 | 8H   | 19.40            | 19.70 | 20.49 | 20.78 | 22.21 | 16.71          | 17.00 | 17.80 | 18.09 | 19.52 |
|                 | 12H  | 19.50            | 19.76 | 20.59 | 20.83 | 22.31 | 16.81          | 17.07 | 17.90 | 18.14 | 19.62 |
| 12H             | 4H   | 18.77            | 19.13 | 19.84 | 20.21 | 21.63 | 15.91          | 16.28 | 16.99 | 17.35 | 18.77 |
|                 | 6H   | 19.21            | 19.51 | 20.30 | 20.59 | 22.02 | 16.53          | 16.82 | 17.61 | 17.91 | 19.34 |
|                 | 8H   | 19.41            | 19.67 | 20.50 | 20.74 | 22.22 | 16.80          | 17.06 | 17.89 | 18.14 | 19.61 |