

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: P1427580

Luminaire Tested: SQ2W-BBN-K-025U-050D-L935-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2024
Report Number: P1427580
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-025U-050D-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 500 LUMENS PER FOOT
UPLIGHT 250 LUMENS PER FOOT
Light Source: 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

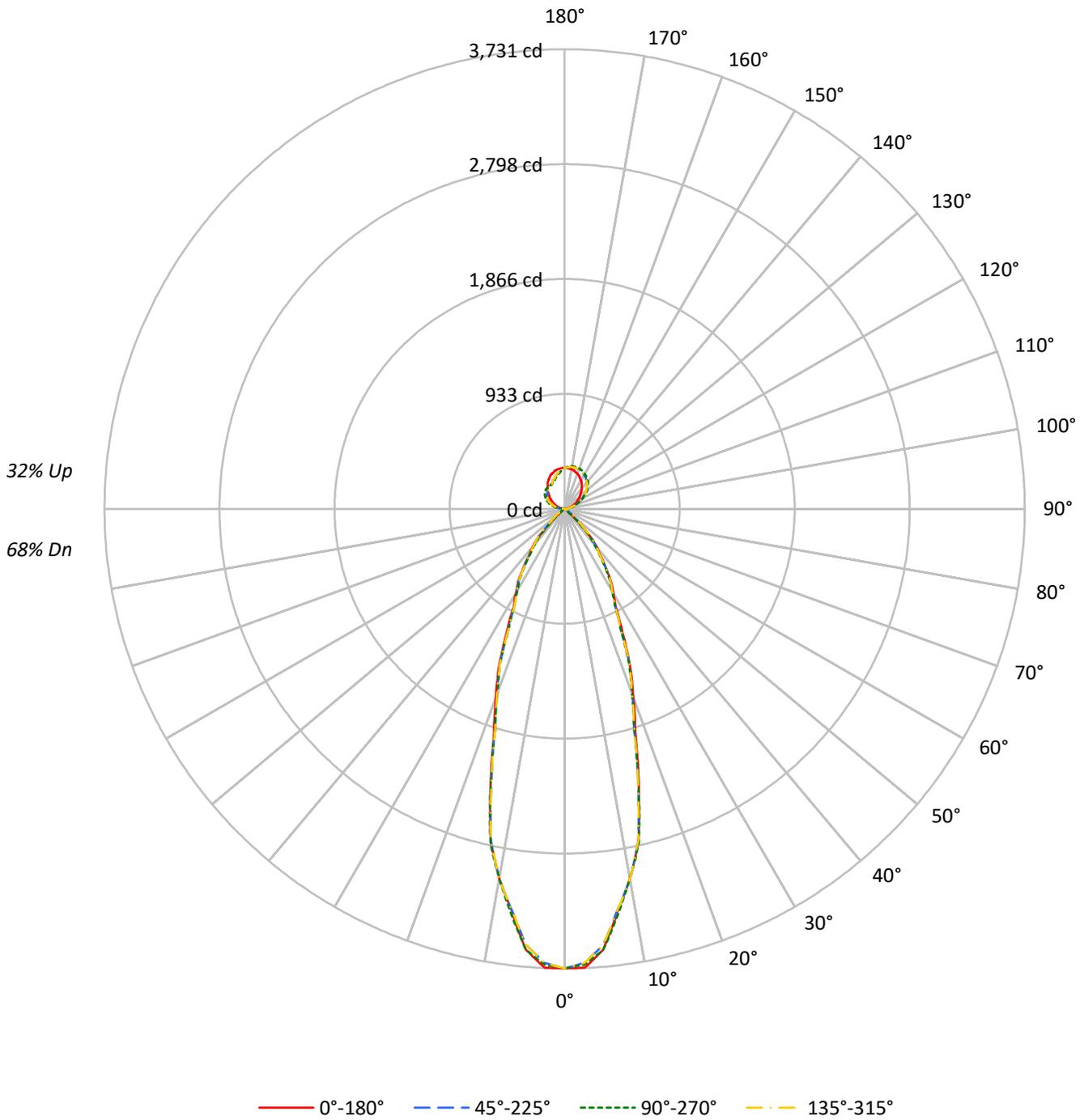
Lumens per Lamp: N/A
Luminaire Lumens: 2986.1 lumens
Efficiency: N/A
Efficacy: 116.6 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.62
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 25.6
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: P1427580

CATALOG NUMBER: SQ2W-BBN-K-025U-050D-L935-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P1427580

CATALOG NUMBER: SQ2W-BBN-K-025U-050D-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 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 111 | 111 | 111 | 111 | 105 | 105 | 105 | 105 | 93 | 93 | 93 | 82 | 82 | 82 | 72 | 72 | 72 | 68 | | | | |
| 1 | 105 | 102 | 99 | 97 | 99 | 97 | 94 | 92 | 87 | 85 | 83 | 77 | 76 | 75 | 69 | 68 | 67 | 64 | | | | |
| 2 | 99 | 94 | 89 | 85 | 94 | 89 | 85 | 82 | 81 | 78 | 75 | 73 | 71 | 69 | 66 | 64 | 63 | 59 | | | | |
| 3 | 93 | 86 | 81 | 77 | 88 | 82 | 78 | 74 | 75 | 72 | 69 | 68 | 66 | 64 | 62 | 60 | 59 | 56 | | | | |
| 4 | 88 | 80 | 74 | 69 | 83 | 76 | 71 | 67 | 70 | 66 | 63 | 64 | 61 | 59 | 59 | 57 | 55 | 52 | | | | |
| 5 | 83 | 74 | 68 | 63 | 79 | 71 | 66 | 62 | 66 | 61 | 58 | 61 | 57 | 55 | 56 | 53 | 51 | 49 | | | | |
| 6 | 78 | 69 | 63 | 58 | 75 | 66 | 61 | 57 | 62 | 57 | 54 | 57 | 54 | 51 | 53 | 50 | 48 | 46 | | | | |
| 7 | 74 | 64 | 58 | 54 | 71 | 62 | 57 | 53 | 58 | 54 | 50 | 54 | 51 | 48 | 50 | 48 | 45 | 44 | | | | |
| 8 | 70 | 61 | 54 | 50 | 67 | 59 | 53 | 49 | 55 | 50 | 47 | 51 | 48 | 45 | 48 | 45 | 43 | 41 | | | | |
| 9 | 67 | 57 | 51 | 47 | 64 | 55 | 50 | 46 | 52 | 47 | 44 | 49 | 45 | 42 | 46 | 43 | 41 | 39 | | | | |
| 10 | 64 | 54 | 48 | 44 | 61 | 52 | 47 | 43 | 49 | 45 | 42 | 46 | 43 | 40 | 44 | 41 | 39 | 37 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 60239 | 60239 | 60239 | 60239 |
| 5° | 58224 | 58257 | 58224 | 58257 |
| 10° | 49969 | 49969 | 49969 | 49969 |
| 15° | 38786 | 38695 | 38786 | 38695 |
| 20° | 27992 | 27391 | 27992 | 27391 |
| 25° | 19847 | 19094 | 19847 | 19094 |
| 30° | 14767 | 14253 | 14767 | 14253 |
| 35° | 11491 | 10961 | 11491 | 10961 |
| 40° | 8502 | 7767 | 8502 | 7767 |
| 45° | 4345 | 3500 | 4345 | 3500 |
| 50° | 947 | 693 | 947 | 693 |
| 55° | 265 | 208 | 265 | 208 |
| 60° | 42 | 23 | 42 | 23 |
| 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: 5300 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 322.6 | 10.8 |
| 10°-20° | 636.1 | 21.3 |
| 20°-30° | 513.1 | 17.2 |
| 30°-40° | 356.5 | 11.9 |
| 40°-50° | 164.7 | 5.5 |
| 50°-60° | 23.1 | 0.8 |
| 60°-70° | 0.8 | 0.0 |
| 70°-80° | 0.0 | 0.0 |
| 80°-90° | 1.8 | 0.1 |
| 90°-100° | 26.4 | 0.9 |
| 100°-110° | 76.9 | 2.6 |
| 110°-120° | 125.6 | 4.2 |
| 120°-130° | 159.3 | 5.3 |
| 130°-140° | 170.5 | 5.7 |
| 140°-150° | 159.2 | 5.3 |
| 150°-160° | 131.0 | 4.4 |
| 160°-170° | 87.9 | 2.9 |
| 170°-180° | 31.2 | 1.0 |
| 0°-30° | 1471.8 | 49.3 |
| 0°-40° | 1828.3 | 61.2 |
| 0°-60° | 2016.0 | 67.5 |
| 0°-90° | 2018.5 | 67.6 |
| 90°-120° | 228.9 | 7.7 |
| 90°-150° | 717.9 | 24.0 |
| 90°-180° | 968.0 | 32.4 |
| 0°-180° | 2986.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 3731 | 3731 | 3731 | 3731 | 3731 | |
| 5° | 3592 | 3594 | 3592 | 3594 | 3592 | 323 |
| 15° | 2320 | 2315 | 2320 | 2315 | 2320 | 639 |
| 25° | 1114 | 1072 | 1114 | 1072 | 1114 | 522 |
| 35° | 583 | 556 | 583 | 556 | 583 | 365 |
| 45° | 190 | 153 | 190 | 153 | 190 | 154 |
| 55° | 9 | 7 | 9 | 7 | 9 | 12 |
| 65° | 0 | 0 | 0 | 0 | 0 | 0 |
| 75° | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 |
| 90° | 1 | 7 | 1 | 14 | 1 | 1 |
| 95° | 10 | 8 | 10 | 45 | 10 | 13 |
| 105° | 49 | 78 | 49 | 108 | 49 | 52 |
| 115° | 94 | 130 | 94 | 160 | 94 | 92 |
| 125° | 139 | 206 | 139 | 196 | 139 | 124 |
| 135° | 188 | 270 | 188 | 217 | 188 | 146 |
| 145° | 241 | 311 | 241 | 222 | 241 | 151 |
| 155° | 286 | 338 | 286 | 230 | 286 | 131 |
| 165° | 316 | 352 | 316 | 265 | 316 | 89 |
| 175° | 330 | 345 | 330 | 311 | 330 | 31 |
| 180° | 332 | 332 | 332 | 332 | 332 | |



TEST NUMBER: P1427580

CATALOG NUMBER: SQ2W-BBN-K-025U-050D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3731.0 | 3731.0 | 3731.0 | 3731.0 | 3731.0 | 3731.0 | 3731.0 | 3731.0 | 3731.0 | 3731.0 | 3731.0 |
| 2.5° | 3728.9 | 3722.7 | 3716.4 | 3704.1 | 3689.8 | 3689.2 | 3702.3 | 3711.2 | 3707.1 | 3703.1 | 3707.1 |
| 5° | 3592.5 | 3583.8 | 3575.2 | 3564.7 | 3553.7 | 3557.8 | 3577.3 | 3592.1 | 3593.3 | 3594.5 | 3593.3 |
| 7.5° | 3291.6 | 3294.4 | 3297.2 | 3290.0 | 3279.5 | 3285.0 | 3306.5 | 3322.0 | 3319.7 | 3317.4 | 3319.7 |
| 10° | 3047.9 | 3050.0 | 3052.1 | 3051.7 | 3050.5 | 3053.5 | 3060.7 | 3064.0 | 3056.0 | 3047.9 | 3056.0 |
| 12.5° | 2765.5 | 2773.8 | 2782.1 | 2772.5 | 2757.0 | 2754.6 | 2765.4 | 2774.3 | 2777.7 | 2781.1 | 2777.7 |
| 15° | 2320.4 | 2333.8 | 2347.3 | 2328.2 | 2298.3 | 2290.6 | 2304.9 | 2315.6 | 2315.3 | 2315.0 | 2315.3 |
| 17.5° | 1903.0 | 1901.6 | 1900.2 | 1888.4 | 1873.2 | 1866.9 | 1869.6 | 1871.4 | 1870.5 | 1869.6 | 1870.5 |
| 20° | 1629.2 | 1627.1 | 1625.0 | 1614.8 | 1602.0 | 1594.5 | 1592.4 | 1591.2 | 1592.7 | 1594.2 | 1592.7 |
| 22.5° | 1394.6 | 1391.1 | 1387.6 | 1383.3 | 1378.9 | 1374.0 | 1368.8 | 1365.4 | 1367.4 | 1369.4 | 1367.4 |
| 25° | 1114.1 | 1102.8 | 1091.4 | 1082.3 | 1073.9 | 1073.3 | 1080.5 | 1084.3 | 1078.0 | 1071.8 | 1078.0 |
| 27.5° | 894.3 | 894.1 | 893.9 | 888.5 | 881.4 | 878.2 | 879.0 | 879.9 | 881.1 | 882.3 | 881.1 |
| 30° | 792.1 | 790.0 | 787.9 | 782.2 | 775.3 | 772.0 | 772.3 | 771.7 | 768.1 | 764.5 | 768.1 |
| 32.5° | 701.2 | 702.6 | 704.1 | 698.1 | 689.6 | 684.5 | 682.9 | 680.8 | 677.2 | 673.6 | 677.2 |
| 35° | 583.0 | 583.0 | 583.0 | 578.0 | 571.4 | 565.9 | 561.4 | 557.8 | 557.0 | 556.1 | 557.0 |
| 37.5° | 473.4 | 472.8 | 472.3 | 468.6 | 464.0 | 458.5 | 452.2 | 446.8 | 444.5 | 442.2 | 444.5 |
| 40° | 403.4 | 401.9 | 400.4 | 397.8 | 394.8 | 389.5 | 381.7 | 375.0 | 371.8 | 368.5 | 371.8 |
| 42.5° | 323.8 | 327.8 | 331.8 | 330.6 | 327.6 | 322.2 | 314.4 | 307.4 | 302.4 | 297.5 | 302.4 |
| 45° | 190.3 | 207.0 | 223.8 | 229.7 | 232.1 | 228.8 | 219.9 | 206.5 | 179.9 | 153.3 | 179.9 |
| 47.5° | 81.8 | 100.2 | 118.6 | 134.0 | 148.5 | 143.9 | 120.3 | 97.1 | 75.0 | 52.8 | 75.0 |
| 50° | 37.7 | 52.0 | 66.3 | 85.6 | 106.5 | 102.2 | 72.6 | 47.9 | 37.7 | 27.6 | 37.7 |
| 52.5° | 22.1 | 29.2 | 36.4 | 54.4 | 76.1 | 74.1 | 48.6 | 28.1 | 22.7 | 17.3 | 22.7 |
| 55° | 9.4 | 11.8 | 14.2 | 24.0 | 36.2 | 35.6 | 22.2 | 11.6 | 9.5 | 7.4 | 9.5 |
| 57.5° | 3.5 | 4.8 | 6.1 | 9.6 | 13.9 | 13.6 | 8.8 | 5.0 | 3.9 | 2.8 | 3.9 |
| 60° | 1.3 | 1.9 | 2.5 | 4.3 | 6.4 | 6.2 | 3.8 | 1.9 | 1.3 | 0.7 | 1.3 |
| 62.5° | 0.3 | 0.6 | 1.0 | 1.9 | 3.1 | 3.0 | 1.8 | 0.9 | 0.5 | 0.1 | 0.5 |
| 65° | 0.0 | 0.0 | 0.0 | 0.2 | 0.5 | 0.5 | 0.2 | 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° | 0.2 | 0.5 | 0.8 | 1.1 | 1.3 | 1.3 | 1.3 | 1.4 | 1.5 | 1.5 | 1.5 |
| 90° | 1.0 | 2.3 | 4.0 | 5.4 | 6.4 | 6.7 | 6.7 | 7.0 | 7.4 | 7.4 | 7.4 |
| 92.5° | 3.7 | 5.8 | 5.9 | 5.9 | 7.2 | 7.8 | 8.3 | 8.4 | 8.7 | 8.7 | 8.7 |
| 95° | 10.4 | 11.4 | 17.1 | 16.7 | 11.4 | 9.0 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 |
| 97.5° | 19.8 | 21.3 | 22.2 | 29.8 | 31.5 | 30.4 | 24.8 | 20.8 | 18.6 | 17.6 | 18.6 |
| 100° | 28.1 | 28.8 | 30.8 | 31.1 | 39.5 | 47.6 | 43.5 | 38.5 | 36.8 | 35.8 | 36.8 |
| 102.5° | 36.4 | 36.8 | 39.9 | 41.3 | 43.3 | 47.8 | 61.8 | 60.2 | 59.1 | 58.9 | 59.1 |
| 105° | 48.9 | 49.2 | 54.9 | 57.6 | 58.9 | 58.9 | 58.6 | 65.3 | 76.0 | 78.4 | 76.0 |
| 107.5° | 62.2 | 63.8 | 70.5 | 77.6 | 79.2 | 79.6 | 77.8 | 76.8 | 76.4 | 76.7 | 76.4 |
| 110° | 71.3 | 73.7 | 81.7 | 90.8 | 93.1 | 93.8 | 93.1 | 92.1 | 91.4 | 91.4 | 91.4 |

TEST NUMBER: P1427580

CATALOG NUMBER: SQ2W-BBN-K-025U-050D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 80.2 | 83.6 | 92.7 | 103.1 | 107.0 | 109.0 | 107.6 | 106.8 | 106.2 | 106.7 | 106.2 |
| 115° | 93.8 | 98.8 | 110.8 | 121.6 | 129.6 | 130.6 | 130.3 | 130.3 | 129.9 | 129.9 | 129.9 |
| 117.5° | 106.4 | 114.4 | 127.9 | 140.4 | 149.7 | 152.4 | 153.7 | 153.3 | 152.9 | 153.6 | 152.9 |
| 120° | 115.2 | 124.6 | 140.0 | 154.0 | 163.1 | 167.1 | 168.4 | 167.8 | 168.4 | 167.8 | 168.4 |
| 122.5° | 124.6 | 136.1 | 151.2 | 165.8 | 176.5 | 181.0 | 182.6 | 182.8 | 182.9 | 182.5 | 182.9 |
| 125° | 138.6 | 152.7 | 170.5 | 185.5 | 196.6 | 201.9 | 203.3 | 203.6 | 204.3 | 206.0 | 204.3 |
| 127.5° | 152.8 | 168.8 | 188.3 | 202.8 | 214.1 | 220.6 | 222.7 | 223.4 | 224.8 | 225.6 | 224.8 |
| 130° | 162.8 | 180.8 | 200.6 | 214.3 | 225.4 | 232.4 | 236.1 | 237.1 | 238.8 | 238.4 | 238.8 |
| 132.5° | 173.2 | 192.1 | 212.1 | 226.4 | 236.6 | 244.2 | 247.3 | 250.2 | 250.8 | 251.3 | 250.8 |
| 135° | 188.5 | 209.0 | 229.1 | 243.1 | 252.8 | 260.2 | 264.2 | 266.9 | 268.6 | 269.6 | 268.6 |
| 137.5° | 204.7 | 226.2 | 245.5 | 258.1 | 267.8 | 274.2 | 278.8 | 281.6 | 283.3 | 284.1 | 283.3 |
| 140° | 215.7 | 236.4 | 255.2 | 268.2 | 276.9 | 283.3 | 287.3 | 290.7 | 292.7 | 292.7 | 292.7 |
| 142.5° | 226.1 | 246.6 | 264.8 | 277.9 | 285.5 | 291.3 | 295.6 | 298.2 | 300.5 | 300.5 | 300.5 |
| 145° | 240.8 | 261.2 | 277.9 | 291.0 | 297.4 | 302.7 | 307.4 | 309.4 | 310.8 | 310.8 | 310.8 |
| 147.5° | 256.1 | 274.2 | 289.5 | 302.0 | 307.4 | 313.6 | 317.3 | 318.9 | 320.6 | 319.9 | 320.6 |
| 150° | 265.2 | 282.0 | 296.7 | 308.4 | 313.8 | 319.8 | 323.5 | 324.8 | 326.5 | 325.5 | 326.5 |
| 152.5° | 274.1 | 290.0 | 303.4 | 314.3 | 318.9 | 324.9 | 329.1 | 330.5 | 331.6 | 330.9 | 331.6 |
| 155° | 286.0 | 300.1 | 312.4 | 322.5 | 326.5 | 332.2 | 336.2 | 337.9 | 339.2 | 337.6 | 339.2 |
| 157.5° | 296.6 | 308.8 | 319.5 | 328.8 | 333.1 | 338.0 | 341.7 | 343.8 | 345.1 | 344.4 | 345.1 |
| 160° | 303.1 | 314.1 | 323.8 | 332.5 | 336.6 | 340.9 | 344.9 | 347.3 | 348.6 | 347.6 | 348.6 |
| 162.5° | 308.4 | 318.4 | 327.6 | 335.5 | 339.0 | 342.8 | 347.6 | 349.7 | 351.0 | 349.7 | 351.0 |
| 165° | 316.1 | 324.2 | 332.2 | 338.9 | 341.9 | 344.9 | 349.9 | 352.3 | 353.3 | 352.0 | 353.3 |
| 167.5° | 322.0 | 328.1 | 334.6 | 340.4 | 342.6 | 345.5 | 350.6 | 352.5 | 353.8 | 352.1 | 353.8 |
| 170° | 325.2 | 330.5 | 336.2 | 340.9 | 342.6 | 345.3 | 350.3 | 352.0 | 353.0 | 351.3 | 353.0 |
| 172.5° | 327.8 | 331.9 | 336.5 | 340.6 | 341.5 | 343.7 | 348.4 | 350.1 | 350.8 | 349.4 | 350.8 |
| 175° | 330.5 | 332.9 | 336.2 | 338.9 | 338.6 | 339.9 | 343.9 | 345.3 | 346.6 | 344.6 | 346.6 |
| 177.5° | 331.8 | 332.9 | 333.9 | 335.5 | 334.5 | 334.5 | 337.4 | 338.2 | 338.5 | 337.4 | 338.5 |
| 180° | 331.5 | 331.5 | 331.5 | 331.5 | 331.5 | 331.5 | 331.5 | 331.5 | 331.5 | 331.5 | 331.5 |



TEST NUMBER: P1427580

CATALOG NUMBER: SQ2W-BBN-K-025U-050D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3731.0 | 3731.0 | 3731.0 | 3731.0 | 3731.0 | 3731.0 | 3731.0 | 3731.0 | 3731.0 | 3731.0 | 3731.0 |
| 2.5° | 3711.2 | 3702.3 | 3689.2 | 3689.8 | 3704.1 | 3716.4 | 3722.7 | 3728.9 | 3722.7 | 3716.4 | 3704.1 |
| 5° | 3592.1 | 3577.3 | 3557.8 | 3553.7 | 3564.7 | 3575.2 | 3583.8 | 3592.5 | 3583.8 | 3575.2 | 3564.7 |
| 7.5° | 3322.0 | 3306.5 | 3285.0 | 3279.5 | 3290.0 | 3297.2 | 3294.4 | 3291.6 | 3294.4 | 3297.2 | 3290.0 |
| 10° | 3064.0 | 3060.7 | 3053.5 | 3050.5 | 3051.7 | 3052.1 | 3050.0 | 3047.9 | 3050.0 | 3052.1 | 3051.7 |
| 12.5° | 2774.3 | 2765.4 | 2754.6 | 2757.0 | 2772.5 | 2782.1 | 2773.8 | 2765.5 | 2773.8 | 2782.1 | 2772.5 |
| 15° | 2315.6 | 2304.9 | 2290.6 | 2298.3 | 2328.2 | 2347.3 | 2333.8 | 2320.4 | 2333.8 | 2347.3 | 2328.2 |
| 17.5° | 1871.4 | 1869.6 | 1866.9 | 1873.2 | 1888.4 | 1900.2 | 1901.6 | 1903.0 | 1901.6 | 1900.2 | 1888.4 |
| 20° | 1591.2 | 1592.4 | 1594.5 | 1602.0 | 1614.8 | 1625.0 | 1627.1 | 1629.2 | 1627.1 | 1625.0 | 1614.8 |
| 22.5° | 1365.4 | 1368.8 | 1374.0 | 1378.9 | 1383.3 | 1387.6 | 1391.1 | 1394.6 | 1391.1 | 1387.6 | 1383.3 |
| 25° | 1084.3 | 1080.5 | 1073.3 | 1073.9 | 1082.3 | 1091.4 | 1102.8 | 1114.1 | 1102.8 | 1091.4 | 1082.3 |
| 27.5° | 879.9 | 879.0 | 878.2 | 881.4 | 888.5 | 893.9 | 894.1 | 894.3 | 894.1 | 893.9 | 888.5 |
| 30° | 771.7 | 772.3 | 772.0 | 775.3 | 782.2 | 787.9 | 790.0 | 792.1 | 790.0 | 787.9 | 782.2 |
| 32.5° | 680.8 | 682.9 | 684.5 | 689.6 | 698.1 | 704.1 | 702.6 | 701.2 | 702.6 | 704.1 | 698.1 |
| 35° | 557.8 | 561.4 | 565.9 | 571.4 | 578.0 | 583.0 | 583.0 | 583.0 | 583.0 | 583.0 | 578.0 |
| 37.5° | 446.8 | 452.2 | 458.5 | 464.0 | 468.6 | 472.3 | 472.8 | 473.4 | 472.8 | 472.3 | 468.6 |
| 40° | 375.0 | 381.7 | 389.5 | 394.8 | 397.8 | 400.4 | 401.9 | 403.4 | 401.9 | 400.4 | 397.8 |
| 42.5° | 307.4 | 314.4 | 322.2 | 327.6 | 330.6 | 331.8 | 327.8 | 323.8 | 327.8 | 331.8 | 330.6 |
| 45° | 206.5 | 219.9 | 228.8 | 232.1 | 229.7 | 223.8 | 207.0 | 190.3 | 207.0 | 223.8 | 229.7 |
| 47.5° | 97.1 | 120.3 | 143.9 | 148.5 | 134.0 | 118.6 | 100.2 | 81.8 | 100.2 | 118.6 | 134.0 |
| 50° | 47.9 | 72.6 | 102.2 | 106.5 | 85.6 | 66.3 | 52.0 | 37.7 | 52.0 | 66.3 | 85.6 |
| 52.5° | 28.1 | 48.6 | 74.1 | 76.1 | 54.4 | 36.4 | 29.2 | 22.1 | 29.2 | 36.4 | 54.4 |
| 55° | 11.6 | 22.2 | 35.6 | 36.2 | 24.0 | 14.2 | 11.8 | 9.4 | 11.8 | 14.2 | 24.0 |
| 57.5° | 5.0 | 8.8 | 13.6 | 13.9 | 9.6 | 6.1 | 4.8 | 3.5 | 4.8 | 6.1 | 9.6 |
| 60° | 1.9 | 3.8 | 6.2 | 6.4 | 4.3 | 2.5 | 1.9 | 1.3 | 1.9 | 2.5 | 4.3 |
| 62.5° | 0.9 | 1.8 | 3.0 | 3.1 | 1.9 | 1.0 | 0.6 | 0.3 | 0.6 | 1.0 | 1.9 |
| 65° | 0.0 | 0.2 | 0.5 | 0.5 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 |
| 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° | 1.4 | 1.3 | 1.3 | 1.3 | 1.1 | 0.8 | 0.5 | 0.2 | 0.5 | 0.7 | 1.2 |
| 90° | 7.0 | 6.7 | 6.7 | 6.4 | 5.4 | 4.0 | 2.3 | 1.0 | 2.3 | 3.7 | 6.0 |
| 92.5° | 8.4 | 8.3 | 7.8 | 7.2 | 5.9 | 5.9 | 5.8 | 3.7 | 6.4 | 9.0 | 13.0 |
| 95° | 7.7 | 7.7 | 9.0 | 11.4 | 16.7 | 17.1 | 11.4 | 10.4 | 14.7 | 20.8 | 26.1 |
| 97.5° | 20.8 | 24.8 | 30.4 | 31.5 | 29.8 | 22.2 | 21.3 | 19.8 | 27.0 | 33.0 | 41.6 |
| 100° | 38.5 | 43.5 | 47.6 | 39.5 | 31.1 | 30.8 | 28.8 | 28.1 | 35.8 | 41.5 | 49.9 |
| 102.5° | 60.2 | 61.8 | 47.8 | 43.3 | 41.3 | 39.9 | 36.8 | 36.4 | 44.1 | 52.0 | 59.0 |
| 105° | 65.3 | 58.6 | 58.9 | 58.9 | 57.6 | 54.9 | 49.2 | 48.9 | 57.6 | 66.6 | 75.3 |
| 107.5° | 76.8 | 77.8 | 79.6 | 79.2 | 77.6 | 70.5 | 63.8 | 62.2 | 70.1 | 80.9 | 90.5 |
| 110° | 92.1 | 93.1 | 93.8 | 93.1 | 90.8 | 81.7 | 73.7 | 71.3 | 78.4 | 89.7 | 100.1 |



TEST NUMBER: P1427580

CATALOG NUMBER: SQ2W-BBN-K-025U-050D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 106.8 | 107.6 | 109.0 | 107.0 | 103.1 | 92.7 | 83.6 | 80.2 | 87.2 | 98.9 | 109.5 |
| 115° | 130.3 | 130.3 | 130.6 | 129.6 | 121.6 | 110.8 | 98.8 | 93.8 | 99.8 | 110.5 | 122.2 |
| 117.5° | 153.3 | 153.7 | 152.4 | 149.7 | 140.4 | 127.9 | 114.4 | 106.4 | 111.1 | 122.4 | 134.5 |
| 120° | 167.8 | 168.4 | 167.1 | 163.1 | 154.0 | 140.0 | 124.6 | 115.2 | 118.9 | 129.9 | 142.0 |
| 122.5° | 182.8 | 182.6 | 181.0 | 176.5 | 165.8 | 151.2 | 136.1 | 124.6 | 126.1 | 136.4 | 148.2 |
| 125° | 203.6 | 203.3 | 201.9 | 196.6 | 185.5 | 170.5 | 152.7 | 138.6 | 136.6 | 145.3 | 157.4 |
| 127.5° | 223.4 | 222.7 | 220.6 | 214.1 | 202.8 | 188.3 | 168.8 | 152.8 | 148.4 | 153.8 | 164.9 |
| 130° | 237.1 | 236.1 | 232.4 | 225.4 | 214.3 | 200.6 | 180.8 | 162.8 | 156.4 | 159.7 | 169.4 |
| 132.5° | 250.2 | 247.3 | 244.2 | 236.6 | 226.4 | 212.1 | 192.1 | 173.2 | 164.4 | 165.9 | 173.5 |
| 135° | 266.9 | 264.2 | 260.2 | 252.8 | 243.1 | 229.1 | 209.0 | 188.5 | 176.5 | 175.1 | 179.5 |
| 137.5° | 281.6 | 278.8 | 274.2 | 267.8 | 258.1 | 245.5 | 226.2 | 204.7 | 189.5 | 185.0 | 186.7 |
| 140° | 290.7 | 287.3 | 283.3 | 276.9 | 268.2 | 255.2 | 236.4 | 215.7 | 198.6 | 192.2 | 191.2 |
| 142.5° | 298.2 | 295.6 | 291.3 | 285.5 | 277.9 | 264.8 | 246.6 | 226.1 | 208.0 | 199.7 | 197.4 |
| 145° | 309.4 | 307.4 | 302.7 | 297.4 | 291.0 | 277.9 | 261.2 | 240.8 | 222.7 | 212.0 | 207.0 |
| 147.5° | 318.9 | 317.3 | 313.6 | 307.4 | 302.0 | 289.5 | 274.2 | 256.1 | 237.6 | 224.3 | 217.8 |
| 150° | 324.8 | 323.5 | 319.8 | 313.8 | 308.4 | 296.7 | 282.0 | 265.2 | 247.5 | 233.4 | 225.0 |
| 152.5° | 330.5 | 329.1 | 324.9 | 318.9 | 314.3 | 303.4 | 290.0 | 274.1 | 256.0 | 242.0 | 233.3 |
| 155° | 337.9 | 336.2 | 332.2 | 326.5 | 322.5 | 312.4 | 300.1 | 286.0 | 270.6 | 255.8 | 246.1 |
| 157.5° | 343.8 | 341.7 | 338.0 | 333.1 | 328.8 | 319.5 | 308.8 | 296.6 | 283.2 | 269.1 | 259.2 |
| 160° | 347.3 | 344.9 | 340.9 | 336.6 | 332.5 | 323.8 | 314.1 | 303.1 | 290.7 | 277.9 | 267.2 |
| 162.5° | 349.7 | 347.6 | 342.8 | 339.0 | 335.5 | 327.6 | 318.4 | 308.4 | 297.4 | 286.3 | 276.3 |
| 165° | 352.3 | 349.9 | 344.9 | 341.9 | 338.9 | 332.2 | 324.2 | 316.1 | 306.7 | 297.7 | 289.7 |
| 167.5° | 352.5 | 350.6 | 345.5 | 342.6 | 340.4 | 334.6 | 328.1 | 322.0 | 314.7 | 307.6 | 300.9 |
| 170° | 352.0 | 350.3 | 345.3 | 342.6 | 340.9 | 336.2 | 330.5 | 325.2 | 319.5 | 313.4 | 308.1 |
| 172.5° | 350.1 | 348.4 | 343.7 | 341.5 | 340.6 | 336.5 | 331.9 | 327.8 | 323.0 | 318.5 | 314.3 |
| 175° | 345.3 | 343.9 | 339.9 | 338.6 | 338.9 | 336.2 | 332.9 | 330.5 | 327.5 | 324.8 | 322.5 |
| 177.5° | 338.2 | 337.4 | 334.5 | 334.5 | 335.5 | 333.9 | 332.9 | 331.8 | 330.5 | 329.7 | 328.9 |
| 180° | 331.5 | 331.5 | 331.5 | 331.5 | 331.5 | 331.5 | 331.5 | 331.5 | 331.5 | 331.5 | 331.5 |



TEST NUMBER: P1427580

CATALOG NUMBER: SQ2W-BBN-K-025U-050D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3731.0 | 3731.0 | 3731.0 | 3731.0 | 3731.0 | 3731.0 | 3731.0 | 3731.0 | 3731.0 | 3731.0 | 3731.0 |
| 2.5° | 3689.8 | 3689.2 | 3702.3 | 3711.2 | 3707.1 | 3703.1 | 3707.1 | 3711.2 | 3702.3 | 3689.2 | 3689.8 |
| 5° | 3553.7 | 3557.8 | 3577.3 | 3592.1 | 3593.3 | 3594.5 | 3593.3 | 3592.1 | 3577.3 | 3557.8 | 3553.7 |
| 7.5° | 3279.5 | 3285.0 | 3306.5 | 3322.0 | 3319.7 | 3317.4 | 3319.7 | 3322.0 | 3306.5 | 3285.0 | 3279.5 |
| 10° | 3050.5 | 3053.5 | 3060.7 | 3064.0 | 3056.0 | 3047.9 | 3056.0 | 3064.0 | 3060.7 | 3053.5 | 3050.5 |
| 12.5° | 2757.0 | 2754.6 | 2765.4 | 2774.3 | 2777.7 | 2781.1 | 2777.7 | 2774.3 | 2765.4 | 2754.6 | 2757.0 |
| 15° | 2298.3 | 2290.6 | 2304.9 | 2315.6 | 2315.3 | 2315.0 | 2315.3 | 2315.6 | 2304.9 | 2290.6 | 2298.3 |
| 17.5° | 1873.2 | 1866.9 | 1869.6 | 1871.4 | 1870.5 | 1869.6 | 1870.5 | 1871.4 | 1869.6 | 1866.9 | 1873.2 |
| 20° | 1602.0 | 1594.5 | 1592.4 | 1591.2 | 1592.7 | 1594.2 | 1592.7 | 1591.2 | 1592.4 | 1594.5 | 1602.0 |
| 22.5° | 1378.9 | 1374.0 | 1368.8 | 1365.4 | 1367.4 | 1369.4 | 1367.4 | 1365.4 | 1368.8 | 1374.0 | 1378.9 |
| 25° | 1073.9 | 1073.3 | 1080.5 | 1084.3 | 1078.0 | 1071.8 | 1078.0 | 1084.3 | 1080.5 | 1073.3 | 1073.9 |
| 27.5° | 881.4 | 878.2 | 879.0 | 879.9 | 881.1 | 882.3 | 881.1 | 879.9 | 879.0 | 878.2 | 881.4 |
| 30° | 775.3 | 772.0 | 772.3 | 771.7 | 768.1 | 764.5 | 768.1 | 771.7 | 772.3 | 772.0 | 775.3 |
| 32.5° | 689.6 | 684.5 | 682.9 | 680.8 | 677.2 | 673.6 | 677.2 | 680.8 | 682.9 | 684.5 | 689.6 |
| 35° | 571.4 | 565.9 | 561.4 | 557.8 | 557.0 | 556.1 | 557.0 | 557.8 | 561.4 | 565.9 | 571.4 |
| 37.5° | 464.0 | 458.5 | 452.2 | 446.8 | 444.5 | 442.2 | 444.5 | 446.8 | 452.2 | 458.5 | 464.0 |
| 40° | 394.8 | 389.5 | 381.7 | 375.0 | 371.8 | 368.5 | 371.8 | 375.0 | 381.7 | 389.5 | 394.8 |
| 42.5° | 327.6 | 322.2 | 314.4 | 307.4 | 302.4 | 297.5 | 302.4 | 307.4 | 314.4 | 322.2 | 327.6 |
| 45° | 232.1 | 228.8 | 219.9 | 206.5 | 179.9 | 153.3 | 179.9 | 206.5 | 219.9 | 228.8 | 232.1 |
| 47.5° | 148.5 | 143.9 | 120.3 | 97.1 | 75.0 | 52.8 | 75.0 | 97.1 | 120.3 | 143.9 | 148.5 |
| 50° | 106.5 | 102.2 | 72.6 | 47.9 | 37.7 | 27.6 | 37.7 | 47.9 | 72.6 | 102.2 | 106.5 |
| 52.5° | 76.1 | 74.1 | 48.6 | 28.1 | 22.7 | 17.3 | 22.7 | 28.1 | 48.6 | 74.1 | 76.1 |
| 55° | 36.2 | 35.6 | 22.2 | 11.6 | 9.5 | 7.4 | 9.5 | 11.6 | 22.2 | 35.6 | 36.2 |
| 57.5° | 13.9 | 13.6 | 8.8 | 5.0 | 3.9 | 2.8 | 3.9 | 5.0 | 8.8 | 13.6 | 13.9 |
| 60° | 6.4 | 6.2 | 3.8 | 1.9 | 1.3 | 0.7 | 1.3 | 1.9 | 3.8 | 6.2 | 6.4 |
| 62.5° | 3.1 | 3.0 | 1.8 | 0.9 | 0.5 | 0.1 | 0.5 | 0.9 | 1.8 | 3.0 | 3.1 |
| 65° | 0.5 | 0.5 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.5 | 0.5 |
| 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° | 1.5 | 2.0 | 2.5 | 2.7 | 3.0 | 2.9 | 3.0 | 2.7 | 2.5 | 2.0 | 1.5 |
| 90° | 7.7 | 10.0 | 12.4 | 13.7 | 15.1 | 14.4 | 15.1 | 13.7 | 12.4 | 10.0 | 7.7 |
| 92.5° | 15.5 | 19.4 | 22.3 | 24.7 | 25.8 | 25.7 | 25.8 | 24.7 | 22.3 | 19.4 | 15.5 |
| 95° | 31.1 | 35.8 | 40.5 | 43.9 | 45.9 | 45.2 | 45.9 | 43.9 | 40.5 | 35.8 | 31.1 |
| 97.5° | 48.0 | 54.3 | 59.5 | 62.7 | 64.7 | 66.0 | 64.7 | 62.7 | 59.5 | 54.3 | 48.0 |
| 100° | 59.3 | 65.3 | 71.3 | 75.0 | 78.4 | 79.7 | 78.4 | 75.0 | 71.3 | 65.3 | 59.3 |
| 102.5° | 68.4 | 76.3 | 82.8 | 86.8 | 89.6 | 91.0 | 89.6 | 86.8 | 82.8 | 76.3 | 68.4 |
| 105° | 83.4 | 91.8 | 98.8 | 103.8 | 106.8 | 107.8 | 106.8 | 103.8 | 98.8 | 91.8 | 83.4 |
| 107.5° | 98.4 | 107.0 | 113.5 | 119.1 | 122.8 | 124.9 | 122.8 | 119.1 | 113.5 | 107.0 | 98.4 |
| 110° | 110.2 | 117.2 | 124.2 | 129.3 | 132.9 | 134.3 | 132.9 | 129.3 | 124.2 | 117.2 | 110.2 |



TEST NUMBER: P1427580

CATALOG NUMBER: SQ2W-BBN-K-025U-050D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 120.1 | 127.9 | 135.0 | 140.0 | 144.2 | 146.1 | 144.2 | 140.0 | 135.0 | 127.9 | 120.1 |
| 115° | 134.0 | 144.3 | 150.7 | 155.4 | 158.4 | 160.1 | 158.4 | 155.4 | 150.7 | 144.3 | 134.0 |
| 117.5° | 145.5 | 156.3 | 163.3 | 166.9 | 168.3 | 169.5 | 168.3 | 166.9 | 163.3 | 156.3 | 145.5 |
| 120° | 152.7 | 162.8 | 170.8 | 175.5 | 177.2 | 177.8 | 177.2 | 175.5 | 170.8 | 162.8 | 152.7 |
| 122.5° | 159.4 | 168.9 | 176.7 | 182.4 | 185.2 | 185.9 | 185.2 | 182.4 | 176.7 | 168.9 | 159.4 |
| 125° | 168.8 | 177.8 | 185.9 | 191.6 | 194.6 | 196.2 | 194.6 | 191.6 | 185.9 | 177.8 | 168.8 |
| 127.5° | 176.9 | 186.7 | 194.1 | 199.3 | 202.2 | 203.5 | 202.2 | 199.3 | 194.1 | 186.7 | 176.9 |
| 130° | 181.5 | 191.6 | 198.9 | 204.6 | 207.3 | 208.6 | 207.3 | 204.6 | 198.9 | 191.6 | 181.5 |
| 132.5° | 185.0 | 195.6 | 203.2 | 208.4 | 211.3 | 212.6 | 211.3 | 208.4 | 203.2 | 195.6 | 185.0 |
| 135° | 189.2 | 200.3 | 208.3 | 213.3 | 216.0 | 217.3 | 216.0 | 213.3 | 208.3 | 200.3 | 189.2 |
| 137.5° | 192.9 | 202.9 | 211.3 | 216.6 | 219.0 | 219.9 | 219.0 | 216.6 | 211.3 | 202.9 | 192.9 |
| 140° | 195.6 | 204.3 | 212.6 | 217.7 | 220.4 | 220.7 | 220.4 | 217.7 | 212.6 | 204.3 | 195.6 |
| 142.5° | 199.1 | 205.9 | 213.2 | 218.2 | 220.9 | 221.5 | 220.9 | 218.2 | 213.2 | 205.9 | 199.1 |
| 145° | 205.3 | 209.3 | 214.3 | 219.0 | 221.4 | 222.0 | 221.4 | 219.0 | 214.3 | 209.3 | 205.3 |
| 147.5° | 213.1 | 214.4 | 217.0 | 220.1 | 222.4 | 222.8 | 222.4 | 220.1 | 217.0 | 214.4 | 213.1 |
| 150° | 219.0 | 218.7 | 219.7 | 221.7 | 223.7 | 223.4 | 223.7 | 221.7 | 219.7 | 218.7 | 219.0 |
| 152.5° | 225.7 | 223.8 | 223.7 | 224.6 | 225.6 | 225.5 | 225.6 | 224.6 | 223.7 | 223.8 | 225.7 |
| 155° | 237.1 | 233.4 | 231.4 | 230.7 | 230.7 | 230.4 | 230.7 | 230.7 | 231.4 | 233.4 | 237.1 |
| 157.5° | 249.6 | 244.5 | 241.4 | 239.8 | 239.4 | 238.6 | 239.4 | 239.8 | 241.4 | 244.5 | 249.6 |
| 160° | 258.2 | 252.5 | 249.5 | 246.8 | 245.8 | 244.8 | 245.8 | 246.8 | 249.5 | 252.5 | 258.2 |
| 162.5° | 266.2 | 260.8 | 257.5 | 255.1 | 254.1 | 252.6 | 254.1 | 255.1 | 257.5 | 260.8 | 266.2 |
| 165° | 279.3 | 273.6 | 269.9 | 267.9 | 266.6 | 265.2 | 266.6 | 267.9 | 269.9 | 273.6 | 279.3 |
| 167.5° | 292.3 | 286.1 | 283.7 | 281.4 | 280.2 | 277.7 | 280.2 | 281.4 | 283.7 | 286.1 | 292.3 |
| 170° | 300.4 | 294.7 | 293.4 | 291.3 | 289.0 | 286.3 | 289.0 | 291.3 | 293.4 | 294.7 | 300.4 |
| 172.5° | 307.4 | 303.5 | 302.2 | 300.2 | 299.4 | 297.3 | 299.4 | 300.2 | 302.2 | 303.5 | 307.4 |
| 175° | 317.5 | 314.5 | 314.5 | 314.1 | 313.1 | 311.1 | 313.1 | 314.1 | 314.5 | 314.5 | 317.5 |
| 177.5° | 325.9 | 324.3 | 325.4 | 325.4 | 325.1 | 323.2 | 325.1 | 325.4 | 325.4 | 324.3 | 325.9 |
| 180° | 331.5 | 331.5 | 331.5 | 331.5 | 331.5 | 331.5 | 331.5 | 331.5 | 331.5 | 331.5 | 331.5 |



TEST NUMBER: P1427580

CATALOG NUMBER: SQ2W-BBN-K-025U-050D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|
| 0° | 3731.0 | 3731.0 | 3731.0 | 3731.0 |
| 2.5° | 3704.1 | 3716.4 | 3722.7 | 3728.9 |
| 5° | 3564.7 | 3575.2 | 3583.8 | 3592.5 |
| 7.5° | 3290.0 | 3297.2 | 3294.4 | 3291.6 |
| 10° | 3051.7 | 3052.1 | 3050.0 | 3047.9 |
| 12.5° | 2772.5 | 2782.1 | 2773.8 | 2765.5 |
| 15° | 2328.2 | 2347.3 | 2333.8 | 2320.4 |
| 17.5° | 1888.4 | 1900.2 | 1901.6 | 1903.0 |
| 20° | 1614.8 | 1625.0 | 1627.1 | 1629.2 |
| 22.5° | 1383.3 | 1387.6 | 1391.1 | 1394.6 |
| 25° | 1082.3 | 1091.4 | 1102.8 | 1114.1 |
| 27.5° | 888.5 | 893.9 | 894.1 | 894.3 |
| 30° | 782.2 | 787.9 | 790.0 | 792.1 |
| 32.5° | 698.1 | 704.1 | 702.6 | 701.2 |
| 35° | 578.0 | 583.0 | 583.0 | 583.0 |
| 37.5° | 468.6 | 472.3 | 472.8 | 473.4 |
| 40° | 397.8 | 400.4 | 401.9 | 403.4 |
| 42.5° | 330.6 | 331.8 | 327.8 | 323.8 |
| 45° | 229.7 | 223.8 | 207.0 | 190.3 |
| 47.5° | 134.0 | 118.6 | 100.2 | 81.8 |
| 50° | 85.6 | 66.3 | 52.0 | 37.7 |
| 52.5° | 54.4 | 36.4 | 29.2 | 22.1 |
| 55° | 24.0 | 14.2 | 11.8 | 9.4 |
| 57.5° | 9.6 | 6.1 | 4.8 | 3.5 |
| 60° | 4.3 | 2.5 | 1.9 | 1.3 |
| 62.5° | 1.9 | 1.0 | 0.6 | 0.3 |
| 65° | 0.2 | 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° | 1.2 | 0.7 | 0.5 | 0.2 |
| 90° | 6.0 | 3.7 | 2.3 | 1.0 |
| 92.5° | 13.0 | 9.0 | 6.4 | 3.7 |
| 95° | 26.1 | 20.8 | 14.7 | 10.4 |
| 97.5° | 41.6 | 33.0 | 27.0 | 19.8 |
| 100° | 49.9 | 41.5 | 35.8 | 28.1 |
| 102.5° | 59.0 | 52.0 | 44.1 | 36.4 |
| 105° | 75.3 | 66.6 | 57.6 | 48.9 |
| 107.5° | 90.5 | 80.9 | 70.1 | 62.2 |
| 110° | 100.1 | 89.7 | 78.4 | 71.3 |



TEST NUMBER: P1427580

CATALOG NUMBER: SQ2W-BBN-K-025U-050D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|-------|-------|-------|-------|
| 112.5° | 109.5 | 98.9 | 87.2 | 80.2 |
| 115° | 122.2 | 110.5 | 99.8 | 93.8 |
| 117.5° | 134.5 | 122.4 | 111.1 | 106.4 |
| 120° | 142.0 | 129.9 | 118.9 | 115.2 |
| 122.5° | 148.2 | 136.4 | 126.1 | 124.6 |
| 125° | 157.4 | 145.3 | 136.6 | 138.6 |
| 127.5° | 164.9 | 153.8 | 148.4 | 152.8 |
| 130° | 169.4 | 159.7 | 156.4 | 162.8 |
| 132.5° | 173.5 | 165.9 | 164.4 | 173.2 |
| 135° | 179.5 | 175.1 | 176.5 | 188.5 |
| 137.5° | 186.7 | 185.0 | 189.5 | 204.7 |
| 140° | 191.2 | 192.2 | 198.6 | 215.7 |
| 142.5° | 197.4 | 199.7 | 208.0 | 226.1 |
| 145° | 207.0 | 212.0 | 222.7 | 240.8 |
| 147.5° | 217.8 | 224.3 | 237.6 | 256.1 |
| 150° | 225.0 | 233.4 | 247.5 | 265.2 |
| 152.5° | 233.3 | 242.0 | 256.0 | 274.1 |
| 155° | 246.1 | 255.8 | 270.6 | 286.0 |
| 157.5° | 259.2 | 269.1 | 283.2 | 296.6 |
| 160° | 267.2 | 277.9 | 290.7 | 303.1 |
| 162.5° | 276.3 | 286.3 | 297.4 | 308.4 |
| 165° | 289.7 | 297.7 | 306.7 | 316.1 |
| 167.5° | 300.9 | 307.6 | 314.7 | 322.0 |
| 170° | 308.1 | 313.4 | 319.5 | 325.2 |
| 172.5° | 314.3 | 318.5 | 323.0 | 327.8 |
| 175° | 322.5 | 324.8 | 327.5 | 330.5 |
| 177.5° | 328.9 | 329.7 | 330.5 | 331.8 |
| 180° | 331.5 | 331.5 | 331.5 | 331.5 |



TEST NUMBER: P1427580

CATALOG NUMBER: SQ2W-BBN-K-025U-050D-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 |