

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: P1428030

Luminaire Tested: SQ2W-PP3-K-025U-125D-L835-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2019
Report Number: P1428030
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-025U-125D-L835-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - PERCEIVE PRISM LENS
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 1250 LUMENS PER FOOT
UPLIGHT 250 LUMENS PER FOOT
Light Source: 3500K CCT, 80 CRI LEDS
Ballast/Driver: -

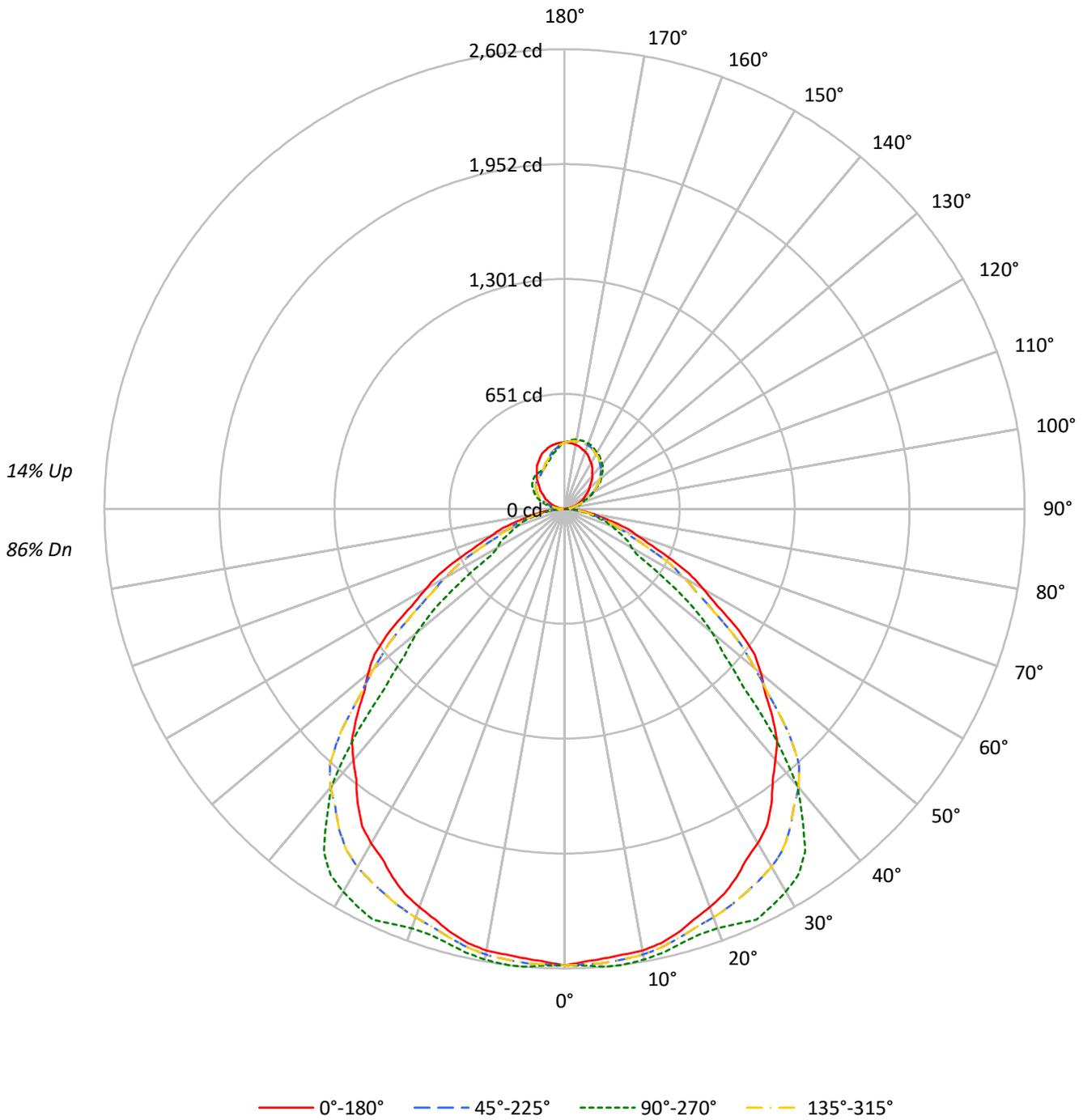
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7608.4 lumens
Efficiency: N/A
Efficacy: 134.2 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: Semi-Direct

Input Watts (W): 56.7
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: P1428030
CATALOG NUMBER: SQ2W-PP3-K-025U-125D-L835-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P1428030

CATALOG NUMBER: SQ2W-PP3-K-025U-125D-L835-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 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 111 | 103 | 103 | 103 | 96 | 96 | 96 | 89 | 89 | 89 | 86 |
| 1 | 107 | 103 | 99 | 95 | 103 | 99 | 96 | 93 | 92 | 89 | 87 | 86 | 84 | 82 | 80 | 78 | 77 | 74 |
| 2 | 98 | 91 | 85 | 79 | 94 | 88 | 82 | 77 | 82 | 77 | 73 | 76 | 73 | 70 | 72 | 69 | 66 | 63 |
| 3 | 90 | 80 | 73 | 67 | 86 | 78 | 71 | 66 | 73 | 67 | 63 | 68 | 64 | 60 | 64 | 60 | 57 | 55 |
| 4 | 83 | 72 | 64 | 58 | 79 | 70 | 62 | 57 | 65 | 59 | 54 | 61 | 56 | 52 | 58 | 53 | 50 | 47 |
| 5 | 76 | 64 | 56 | 50 | 73 | 62 | 55 | 49 | 59 | 52 | 47 | 55 | 50 | 46 | 52 | 48 | 44 | 41 |
| 6 | 71 | 58 | 50 | 44 | 68 | 57 | 49 | 43 | 53 | 47 | 42 | 50 | 45 | 40 | 48 | 43 | 39 | 37 |
| 7 | 65 | 53 | 45 | 39 | 63 | 51 | 44 | 38 | 49 | 42 | 37 | 46 | 40 | 36 | 44 | 39 | 35 | 33 |
| 8 | 61 | 48 | 40 | 35 | 59 | 47 | 39 | 34 | 44 | 38 | 33 | 42 | 36 | 32 | 40 | 35 | 31 | 29 |
| 9 | 57 | 44 | 37 | 31 | 55 | 43 | 36 | 31 | 41 | 34 | 30 | 39 | 33 | 29 | 37 | 32 | 28 | 26 |
| 10 | 53 | 41 | 33 | 28 | 51 | 40 | 33 | 28 | 38 | 32 | 27 | 36 | 30 | 26 | 34 | 29 | 26 | 24 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 41743 | 41743 | 41743 | 41743 |
| 5° | 41416 | 42168 | 41416 | 42168 |
| 10° | 41626 | 42477 | 41626 | 42477 |
| 15° | 41525 | 42577 | 41525 | 42577 |
| 20° | 41229 | 43437 | 41229 | 43437 |
| 25° | 40995 | 45718 | 40995 | 45718 |
| 30° | 40762 | 46673 | 40762 | 46673 |
| 35° | 40185 | 46758 | 40185 | 46758 |
| 40° | 39112 | 43203 | 39112 | 43203 |
| 45° | 37942 | 32887 | 37942 | 32887 |
| 50° | 36451 | 27391 | 36451 | 27391 |
| 55° | 33928 | 19696 | 33928 | 19696 |
| 60° | 29211 | 14121 | 29211 | 14121 |
| 65° | 24641 | 13887 | 24641 | 13887 |
| 70° | 20516 | 13289 | 20516 | 13289 |
| 75° | 17392 | 12445 | 17392 | 12445 |
| 80° | 14737 | 11185 | 14737 | 11185 |
| 85° | 11652 | 6076 | 11652 | 6076 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 40°
 Vertical Angle: 45°
 Luminance: 41506 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 246.2 | 3.2 |
| 10°-20° | 712.5 | 9.4 |
| 20°-30° | 1116.2 | 14.7 |
| 30°-40° | 1377.0 | 18.1 |
| 40°-50° | 1296.3 | 17.0 |
| 50°-60° | 917.9 | 12.1 |
| 60°-70° | 523.0 | 6.9 |
| 70°-80° | 258.9 | 3.4 |
| 80°-90° | 64.8 | 0.9 |
| 90°-100° | 29.9 | 0.4 |
| 100°-110° | 87.1 | 1.1 |
| 110°-120° | 142.1 | 1.9 |
| 120°-130° | 180.3 | 2.4 |
| 130°-140° | 192.9 | 2.5 |
| 140°-150° | 180.2 | 2.4 |
| 150°-160° | 148.3 | 1.9 |
| 160°-170° | 99.4 | 1.3 |
| 170°-180° | 35.3 | 0.5 |
| 0°-30° | 2074.9 | 27.3 |
| 0°-40° | 3451.9 | 45.4 |
| 0°-60° | 5666.2 | 74.5 |
| 0°-90° | 6512.9 | 85.6 |
| 90°-120° | 259.0 | 3.4 |
| 90°-150° | 812.5 | 10.7 |
| 90°-180° | 1095.0 | 14.4 |
| 0°-180° | 7608.4 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 2585 | 2585 | 2585 | 2585 | 2585 | |
| 5° | 2555 | 2602 | 2555 | 2602 | 2555 | 243 |
| 15° | 2484 | 2547 | 2484 | 2547 | 2484 | 700 |
| 25° | 2301 | 2566 | 2301 | 2566 | 2301 | 1060 |
| 35° | 2039 | 2372 | 2039 | 2372 | 2039 | 1272 |
| 45° | 1662 | 1440 | 1662 | 1440 | 1662 | 1279 |
| 55° | 1205 | 700 | 1205 | 700 | 1205 | 1063 |
| 65° | 645 | 364 | 645 | 364 | 645 | 648 |
| 75° | 279 | 200 | 279 | 200 | 279 | 302 |
| 85° | 63 | 33 | 63 | 33 | 63 | 74 |
| 90° | 1 | 8 | 1 | 16 | 1 | 4 |
| 95° | 12 | 9 | 12 | 51 | 12 | 14 |
| 105° | 55 | 89 | 55 | 122 | 55 | 59 |
| 115° | 106 | 147 | 106 | 181 | 106 | 105 |
| 125° | 157 | 233 | 157 | 222 | 157 | 140 |
| 135° | 213 | 305 | 213 | 246 | 213 | 165 |
| 145° | 272 | 352 | 272 | 251 | 272 | 170 |
| 155° | 324 | 382 | 324 | 261 | 324 | 149 |
| 165° | 358 | 398 | 358 | 300 | 358 | 101 |
| 175° | 374 | 390 | 374 | 352 | 374 | 35 |
| 180° | 375 | 375 | 375 | 375 | 375 | |



TEST NUMBER: P1428030

CATALOG NUMBER: SQ2W-PP3-K-025U-125D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2585.4 | 2585.4 | 2585.4 | 2585.4 | 2585.4 | 2585.4 | 2585.4 | 2585.4 | 2585.4 | 2585.4 | 2585.4 |
| 2.5° | 2565.8 | 2582.3 | 2598.8 | 2594.9 | 2584.2 | 2579.9 | 2581.8 | 2583.7 | 2585.7 | 2587.6 | 2585.7 |
| 5° | 2555.4 | 2576.0 | 2596.7 | 2593.6 | 2582.7 | 2578.5 | 2580.9 | 2584.8 | 2593.3 | 2601.8 | 2593.3 |
| 7.5° | 2545.5 | 2566.7 | 2587.8 | 2585.1 | 2574.4 | 2571.1 | 2575.2 | 2581.0 | 2591.4 | 2601.8 | 2591.4 |
| 10° | 2539.0 | 2557.2 | 2575.4 | 2572.7 | 2563.0 | 2561.2 | 2567.2 | 2573.9 | 2582.4 | 2590.9 | 2582.4 |
| 12.5° | 2519.3 | 2536.6 | 2553.8 | 2551.6 | 2542.8 | 2542.4 | 2550.5 | 2558.4 | 2565.9 | 2573.4 | 2565.9 |
| 15° | 2484.3 | 2500.1 | 2515.9 | 2516.2 | 2511.4 | 2514.4 | 2525.3 | 2535.0 | 2541.1 | 2547.2 | 2541.1 |
| 17.5° | 2436.8 | 2456.0 | 2475.2 | 2479.6 | 2479.1 | 2486.6 | 2502.2 | 2515.4 | 2521.7 | 2528.1 | 2521.7 |
| 20° | 2399.6 | 2422.7 | 2445.8 | 2453.4 | 2455.8 | 2466.7 | 2486.1 | 2503.8 | 2515.9 | 2528.1 | 2515.9 |
| 22.5° | 2360.2 | 2387.2 | 2414.2 | 2424.2 | 2428.6 | 2445.3 | 2474.5 | 2501.6 | 2522.5 | 2543.4 | 2522.5 |
| 25° | 2301.2 | 2327.9 | 2354.7 | 2374.1 | 2391.1 | 2420.9 | 2463.4 | 2503.2 | 2534.7 | 2566.3 | 2534.7 |
| 27.5° | 2232.3 | 2258.8 | 2285.3 | 2318.7 | 2354.4 | 2396.2 | 2444.1 | 2486.2 | 2511.2 | 2536.3 | 2511.2 |
| 30° | 2186.4 | 2211.9 | 2237.4 | 2275.7 | 2318.2 | 2364.4 | 2414.2 | 2457.3 | 2480.4 | 2503.5 | 2480.4 |
| 32.5° | 2129.6 | 2156.1 | 2182.5 | 2223.2 | 2268.7 | 2318.2 | 2371.9 | 2417.5 | 2438.6 | 2459.7 | 2438.6 |
| 35° | 2038.8 | 2064.3 | 2089.9 | 2137.2 | 2191.9 | 2247.2 | 2303.0 | 2348.0 | 2360.1 | 2372.3 | 2360.1 |
| 37.5° | 1934.4 | 1963.3 | 1992.3 | 2045.4 | 2106.6 | 2152.9 | 2184.2 | 2207.9 | 2208.7 | 2209.4 | 2208.7 |
| 40° | 1855.7 | 1893.4 | 1931.0 | 1984.2 | 2042.5 | 2074.7 | 2080.7 | 2081.4 | 2065.6 | 2049.8 | 2065.6 |
| 42.5° | 1779.2 | 1827.5 | 1875.9 | 1918.6 | 1959.4 | 1967.8 | 1943.7 | 1908.1 | 1837.9 | 1767.7 | 1837.9 |
| 45° | 1661.7 | 1718.8 | 1775.9 | 1802.0 | 1817.8 | 1764.3 | 1641.6 | 1537.5 | 1488.9 | 1440.3 | 1488.9 |
| 47.5° | 1536.5 | 1592.9 | 1649.2 | 1642.0 | 1613.6 | 1532.7 | 1399.3 | 1290.9 | 1257.4 | 1223.9 | 1257.4 |
| 50° | 1451.2 | 1504.7 | 1558.1 | 1519.6 | 1450.3 | 1359.2 | 1246.3 | 1153.6 | 1122.1 | 1090.5 | 1122.1 |
| 52.5° | 1355.0 | 1402.7 | 1450.3 | 1392.0 | 1298.5 | 1202.5 | 1104.1 | 1018.3 | 970.2 | 922.1 | 970.2 |
| 55° | 1205.3 | 1238.1 | 1270.9 | 1207.1 | 1111.1 | 1005.5 | 890.1 | 792.0 | 745.8 | 699.7 | 745.8 |
| 57.5° | 1024.9 | 1048.0 | 1071.0 | 1020.9 | 946.3 | 841.2 | 705.7 | 591.1 | 539.3 | 487.6 | 539.3 |
| 60° | 904.6 | 922.9 | 941.1 | 895.5 | 828.7 | 728.5 | 594.9 | 488.3 | 462.8 | 437.3 | 462.8 |
| 62.5° | 795.3 | 811.6 | 827.9 | 780.4 | 711.6 | 622.1 | 511.8 | 426.8 | 417.8 | 408.9 | 417.8 |
| 65° | 645.0 | 660.8 | 676.6 | 626.8 | 555.1 | 485.3 | 417.2 | 365.9 | 364.7 | 363.5 | 364.7 |
| 67.5° | 513.3 | 530.5 | 547.8 | 500.9 | 432.6 | 381.0 | 346.0 | 319.4 | 317.9 | 316.5 | 317.9 |
| 70° | 434.6 | 452.8 | 471.0 | 427.3 | 362.9 | 321.0 | 301.5 | 286.4 | 283.9 | 281.5 | 283.9 |
| 72.5° | 369.0 | 386.2 | 403.5 | 365.3 | 308.7 | 274.1 | 261.5 | 251.6 | 250.2 | 248.7 | 250.2 |
| 75° | 278.8 | 292.1 | 305.5 | 277.9 | 236.6 | 212.9 | 206.8 | 201.9 | 200.7 | 199.5 | 200.7 |
| 77.5° | 202.2 | 210.7 | 219.2 | 201.2 | 174.2 | 159.1 | 156.0 | 153.3 | 152.1 | 150.9 | 152.1 |
| 80° | 158.5 | 162.2 | 165.8 | 153.0 | 134.8 | 125.1 | 123.9 | 122.7 | 121.5 | 120.3 | 121.5 |
| 82.5° | 119.2 | 117.9 | 116.7 | 109.3 | 99.8 | 94.5 | 93.3 | 91.8 | 89.6 | 87.5 | 89.6 |
| 85° | 62.9 | 60.4 | 58.0 | 55.6 | 53.1 | 49.5 | 44.6 | 40.1 | 36.4 | 32.8 | 36.4 |
| 87.5° | 19.9 | 20.2 | 20.6 | 17.2 | 12.6 | 9.8 | 8.8 | 8.2 | 8.2 | 8.2 | 8.2 |
| 90° | 1.1 | 2.7 | 4.5 | 6.1 | 7.2 | 7.6 | 7.6 | 8.0 | 8.3 | 8.3 | 8.3 |
| 92.5° | 4.2 | 6.6 | 6.7 | 6.7 | 8.1 | 8.8 | 9.4 | 9.5 | 9.9 | 9.9 | 9.9 |
| 95° | 11.7 | 12.9 | 19.3 | 18.9 | 12.9 | 10.2 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 |
| 97.5° | 22.4 | 24.1 | 25.2 | 33.7 | 35.6 | 34.4 | 28.0 | 23.6 | 21.1 | 19.9 | 21.1 |
| 100° | 31.8 | 32.6 | 34.9 | 35.2 | 44.7 | 53.8 | 49.3 | 43.6 | 41.7 | 40.5 | 41.7 |
| 102.5° | 41.2 | 41.7 | 45.2 | 46.8 | 49.0 | 54.1 | 69.9 | 68.1 | 66.9 | 66.6 | 66.9 |
| 105° | 55.3 | 55.7 | 62.2 | 65.2 | 66.7 | 66.7 | 66.3 | 73.9 | 86.0 | 88.7 | 86.0 |
| 107.5° | 70.4 | 72.2 | 79.7 | 87.8 | 89.6 | 90.0 | 88.1 | 86.9 | 86.5 | 86.8 | 86.5 |
| 110° | 80.7 | 83.4 | 92.5 | 102.7 | 105.4 | 106.1 | 105.4 | 104.2 | 103.5 | 103.5 | 103.5 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | 100° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 90.7 | 94.6 | 104.9 | 116.6 | 121.1 | 123.4 | 121.7 | 120.9 | 120.1 | 120.7 | 120.1 |
| 115° | 106.1 | 111.8 | 125.4 | 137.6 | 146.7 | 147.8 | 147.4 | 147.4 | 147.0 | 147.0 | 147.0 |
| 117.5° | 120.4 | 129.5 | 144.8 | 158.9 | 169.4 | 172.4 | 173.9 | 173.5 | 173.0 | 173.8 | 173.0 |
| 120° | 130.4 | 141.0 | 158.4 | 174.3 | 184.6 | 189.1 | 190.6 | 189.9 | 190.6 | 189.9 | 190.6 |
| 122.5° | 141.0 | 154.0 | 171.1 | 187.7 | 199.7 | 204.9 | 206.7 | 206.8 | 207.0 | 206.5 | 207.0 |
| 125° | 156.9 | 172.8 | 192.9 | 209.9 | 222.5 | 228.5 | 230.0 | 230.4 | 231.2 | 233.1 | 231.2 |
| 127.5° | 173.0 | 191.0 | 213.1 | 229.5 | 242.3 | 249.7 | 252.0 | 252.8 | 254.4 | 255.3 | 254.4 |
| 130° | 184.2 | 204.6 | 227.0 | 242.5 | 255.0 | 263.0 | 267.2 | 268.3 | 270.2 | 269.8 | 270.2 |
| 132.5° | 196.0 | 217.4 | 240.0 | 256.2 | 267.8 | 276.3 | 279.9 | 283.2 | 283.8 | 284.4 | 283.8 |
| 135° | 213.4 | 236.5 | 259.2 | 275.1 | 286.1 | 294.5 | 299.0 | 302.0 | 303.9 | 305.1 | 303.9 |
| 137.5° | 231.6 | 256.0 | 277.9 | 292.0 | 303.1 | 310.3 | 315.5 | 318.6 | 320.6 | 321.5 | 320.6 |
| 140° | 244.1 | 267.6 | 288.8 | 303.6 | 313.4 | 320.6 | 325.2 | 328.9 | 331.2 | 331.2 | 331.2 |
| 142.5° | 255.9 | 279.1 | 299.7 | 314.5 | 323.1 | 329.7 | 334.6 | 337.4 | 340.0 | 340.0 | 340.0 |
| 145° | 272.5 | 295.6 | 314.5 | 329.3 | 336.5 | 342.6 | 347.9 | 350.2 | 351.7 | 351.7 | 351.7 |
| 147.5° | 289.8 | 310.3 | 327.6 | 341.8 | 347.8 | 354.9 | 359.1 | 360.9 | 362.8 | 362.0 | 362.8 |
| 150° | 300.1 | 319.1 | 335.8 | 349.0 | 355.1 | 361.9 | 366.1 | 367.6 | 369.5 | 368.4 | 369.5 |
| 152.5° | 310.1 | 328.2 | 343.3 | 355.7 | 360.9 | 367.7 | 372.5 | 374.0 | 375.3 | 374.4 | 375.3 |
| 155° | 323.6 | 339.6 | 353.6 | 364.9 | 369.5 | 375.9 | 380.5 | 382.4 | 383.9 | 382.0 | 383.9 |
| 157.5° | 335.7 | 349.4 | 361.6 | 372.1 | 376.9 | 382.5 | 386.7 | 389.1 | 390.6 | 389.7 | 390.6 |
| 160° | 343.0 | 355.5 | 366.5 | 376.3 | 380.9 | 385.8 | 390.3 | 393.0 | 394.5 | 393.4 | 394.5 |
| 162.5° | 349.0 | 360.3 | 370.7 | 379.7 | 383.6 | 387.9 | 393.4 | 395.7 | 397.2 | 395.8 | 397.2 |
| 165° | 357.7 | 366.8 | 375.9 | 383.5 | 386.9 | 390.3 | 396.0 | 398.7 | 399.8 | 398.3 | 399.8 |
| 167.5° | 364.3 | 371.3 | 378.7 | 385.2 | 387.7 | 391.0 | 396.7 | 398.9 | 400.3 | 398.4 | 400.3 |
| 170° | 368.0 | 374.0 | 380.5 | 385.8 | 387.7 | 390.7 | 396.4 | 398.3 | 399.4 | 397.5 | 399.4 |
| 172.5° | 371.0 | 375.6 | 380.8 | 385.5 | 386.5 | 388.9 | 394.3 | 396.2 | 397.0 | 395.4 | 397.0 |
| 175° | 374.0 | 376.7 | 380.5 | 383.5 | 383.1 | 384.7 | 389.2 | 390.7 | 392.2 | 390.0 | 392.2 |
| 177.5° | 375.5 | 376.7 | 377.9 | 379.7 | 378.5 | 378.5 | 381.9 | 382.8 | 383.1 | 381.9 | 383.1 |
| 180° | 375.2 | 375.2 | 375.2 | 375.2 | 375.2 | 375.2 | 375.2 | 375.2 | 375.2 | 375.2 | 375.2 |



TEST NUMBER: P1428030

CATALOG NUMBER: SQ2W-PP3-K-025U-125D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2585.4 | 2585.4 | 2585.4 | 2585.4 | 2585.4 | 2585.4 | 2585.4 | 2585.4 | 2585.4 | 2585.4 | 2585.4 |
| 2.5° | 2583.7 | 2581.8 | 2579.9 | 2584.2 | 2594.9 | 2598.8 | 2582.3 | 2565.8 | 2582.3 | 2598.8 | 2594.9 |
| 5° | 2584.8 | 2580.9 | 2578.5 | 2582.7 | 2593.6 | 2596.7 | 2576.0 | 2555.4 | 2576.0 | 2596.7 | 2593.6 |
| 7.5° | 2581.0 | 2575.2 | 2571.1 | 2574.4 | 2585.1 | 2587.8 | 2566.7 | 2545.5 | 2566.7 | 2587.8 | 2585.1 |
| 10° | 2573.9 | 2567.2 | 2561.2 | 2563.0 | 2572.7 | 2575.4 | 2557.2 | 2539.0 | 2557.2 | 2575.4 | 2572.7 |
| 12.5° | 2558.4 | 2550.5 | 2542.4 | 2542.8 | 2551.6 | 2553.8 | 2536.6 | 2519.3 | 2536.6 | 2553.8 | 2551.6 |
| 15° | 2535.0 | 2525.3 | 2514.4 | 2511.4 | 2516.2 | 2515.9 | 2500.1 | 2484.3 | 2500.1 | 2515.9 | 2516.2 |
| 17.5° | 2515.4 | 2502.2 | 2486.6 | 2479.1 | 2479.6 | 2475.2 | 2456.0 | 2436.8 | 2456.0 | 2475.2 | 2479.6 |
| 20° | 2503.8 | 2486.1 | 2466.7 | 2455.8 | 2453.4 | 2445.8 | 2422.7 | 2399.6 | 2422.7 | 2445.8 | 2453.4 |
| 22.5° | 2501.6 | 2474.5 | 2445.3 | 2428.6 | 2424.2 | 2414.2 | 2387.2 | 2360.2 | 2387.2 | 2414.2 | 2424.2 |
| 25° | 2503.2 | 2463.4 | 2420.9 | 2391.1 | 2374.1 | 2354.7 | 2327.9 | 2301.2 | 2327.9 | 2354.7 | 2374.1 |
| 27.5° | 2486.2 | 2444.1 | 2396.2 | 2354.4 | 2318.7 | 2285.3 | 2258.8 | 2232.3 | 2258.8 | 2285.3 | 2318.7 |
| 30° | 2457.3 | 2414.2 | 2364.4 | 2318.2 | 2275.7 | 2237.4 | 2211.9 | 2186.4 | 2211.9 | 2237.4 | 2275.7 |
| 32.5° | 2417.5 | 2371.9 | 2318.2 | 2268.7 | 2223.2 | 2182.5 | 2156.1 | 2129.6 | 2156.1 | 2182.5 | 2223.2 |
| 35° | 2348.0 | 2303.0 | 2247.2 | 2191.9 | 2137.2 | 2089.9 | 2064.3 | 2038.8 | 2064.3 | 2089.9 | 2137.2 |
| 37.5° | 2207.9 | 2184.2 | 2152.9 | 2106.6 | 2045.4 | 1992.3 | 1963.3 | 1934.4 | 1963.3 | 1992.3 | 2045.4 |
| 40° | 2081.4 | 2080.7 | 2074.7 | 2042.5 | 1984.2 | 1931.0 | 1893.4 | 1855.7 | 1893.4 | 1931.0 | 1984.2 |
| 42.5° | 1908.1 | 1943.7 | 1967.8 | 1959.4 | 1918.6 | 1875.9 | 1827.5 | 1779.2 | 1827.5 | 1875.9 | 1918.6 |
| 45° | 1537.5 | 1641.6 | 1764.3 | 1817.8 | 1802.0 | 1775.9 | 1718.8 | 1661.7 | 1718.8 | 1775.9 | 1802.0 |
| 47.5° | 1290.9 | 1399.3 | 1532.7 | 1613.6 | 1642.0 | 1649.2 | 1592.9 | 1536.5 | 1592.9 | 1649.2 | 1642.0 |
| 50° | 1153.6 | 1246.3 | 1359.2 | 1450.3 | 1519.6 | 1558.1 | 1504.7 | 1451.2 | 1504.7 | 1558.1 | 1519.6 |
| 52.5° | 1018.3 | 1104.1 | 1202.5 | 1298.5 | 1392.0 | 1450.3 | 1402.7 | 1355.0 | 1402.7 | 1450.3 | 1392.0 |
| 55° | 792.0 | 890.1 | 1005.5 | 1111.1 | 1207.1 | 1270.9 | 1238.1 | 1205.3 | 1238.1 | 1270.9 | 1207.1 |
| 57.5° | 591.1 | 705.7 | 841.2 | 946.3 | 1020.9 | 1071.0 | 1048.0 | 1024.9 | 1048.0 | 1071.0 | 1020.9 |
| 60° | 488.3 | 594.9 | 728.5 | 828.7 | 895.5 | 941.1 | 922.9 | 904.6 | 922.9 | 941.1 | 895.5 |
| 62.5° | 426.8 | 511.8 | 622.1 | 711.6 | 780.4 | 827.9 | 811.6 | 795.3 | 811.6 | 827.9 | 780.4 |
| 65° | 365.9 | 417.2 | 485.3 | 555.1 | 626.8 | 676.6 | 660.8 | 645.0 | 660.8 | 676.6 | 626.8 |
| 67.5° | 319.4 | 346.0 | 381.0 | 432.6 | 500.9 | 547.8 | 530.5 | 513.3 | 530.5 | 547.8 | 500.9 |
| 70° | 286.4 | 301.5 | 321.0 | 362.9 | 427.3 | 471.0 | 452.8 | 434.6 | 452.8 | 471.0 | 427.3 |
| 72.5° | 251.6 | 261.5 | 274.1 | 308.7 | 365.3 | 403.5 | 386.2 | 369.0 | 386.2 | 403.5 | 365.3 |
| 75° | 201.9 | 206.8 | 212.9 | 236.6 | 277.9 | 305.5 | 292.1 | 278.8 | 292.1 | 305.5 | 277.9 |
| 77.5° | 153.3 | 156.0 | 159.1 | 174.2 | 201.2 | 219.2 | 210.7 | 202.2 | 210.7 | 219.2 | 201.2 |
| 80° | 122.7 | 123.9 | 125.1 | 134.8 | 153.0 | 165.8 | 162.2 | 158.5 | 162.2 | 165.8 | 153.0 |
| 82.5° | 91.8 | 93.3 | 94.5 | 99.8 | 109.3 | 116.7 | 117.9 | 119.2 | 117.9 | 116.7 | 109.3 |
| 85° | 40.1 | 44.6 | 49.5 | 53.1 | 55.6 | 58.0 | 60.4 | 62.9 | 60.4 | 58.0 | 55.6 |
| 87.5° | 8.2 | 8.8 | 9.8 | 12.6 | 17.2 | 20.6 | 20.2 | 19.9 | 20.2 | 20.5 | 17.4 |
| 90° | 8.0 | 7.6 | 7.6 | 7.2 | 6.1 | 4.5 | 2.7 | 1.1 | 2.7 | 4.2 | 6.8 |
| 92.5° | 9.5 | 9.4 | 8.8 | 8.1 | 6.7 | 6.7 | 6.6 | 4.2 | 7.2 | 10.2 | 14.7 |
| 95° | 8.7 | 8.7 | 10.2 | 12.9 | 18.9 | 19.3 | 12.9 | 11.7 | 16.7 | 23.5 | 29.6 |
| 97.5° | 23.6 | 28.0 | 34.4 | 35.6 | 33.7 | 25.2 | 24.1 | 22.4 | 30.5 | 37.3 | 47.1 |
| 100° | 43.6 | 49.3 | 53.8 | 44.7 | 35.2 | 34.9 | 32.6 | 31.8 | 40.5 | 47.0 | 56.5 |
| 102.5° | 68.1 | 69.9 | 54.1 | 49.0 | 46.8 | 45.2 | 41.7 | 41.2 | 49.9 | 58.8 | 66.8 |
| 105° | 73.9 | 66.3 | 66.7 | 66.7 | 65.2 | 62.2 | 55.7 | 55.3 | 65.2 | 75.4 | 85.3 |
| 107.5° | 86.9 | 88.1 | 90.0 | 89.6 | 87.8 | 79.7 | 72.2 | 70.4 | 79.3 | 91.6 | 102.4 |
| 110° | 104.2 | 105.4 | 106.1 | 105.4 | 102.7 | 92.5 | 83.4 | 80.7 | 88.7 | 101.6 | 113.3 |



TEST NUMBER: P1428030

CATALOG NUMBER: SQ2W-PP3-K-025U-125D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 110° | 120° | 130° | 140° | 150° | 160° | 170° | 180° | 190° | 200° | 210° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 120.9 | 121.7 | 123.4 | 121.1 | 116.6 | 104.9 | 94.6 | 90.7 | 98.7 | 111.9 | 123.9 |
| 115° | 147.4 | 147.4 | 147.8 | 146.7 | 137.6 | 125.4 | 111.8 | 106.1 | 112.9 | 125.1 | 138.3 |
| 117.5° | 173.5 | 173.9 | 172.4 | 169.4 | 158.9 | 144.8 | 129.5 | 120.4 | 125.7 | 138.6 | 152.2 |
| 120° | 189.9 | 190.6 | 189.1 | 184.6 | 174.3 | 158.4 | 141.0 | 130.4 | 134.5 | 147.0 | 160.7 |
| 122.5° | 206.8 | 206.7 | 204.9 | 199.7 | 187.7 | 171.1 | 154.0 | 141.0 | 142.7 | 154.3 | 167.7 |
| 125° | 230.4 | 230.0 | 228.5 | 222.5 | 209.9 | 192.9 | 172.8 | 156.9 | 154.6 | 164.5 | 178.1 |
| 127.5° | 252.8 | 252.0 | 249.7 | 242.3 | 229.5 | 213.1 | 191.0 | 173.0 | 167.9 | 174.1 | 186.6 |
| 130° | 268.3 | 267.2 | 263.0 | 255.0 | 242.5 | 227.0 | 204.6 | 184.2 | 177.0 | 180.8 | 191.8 |
| 132.5° | 283.2 | 279.9 | 276.3 | 267.8 | 256.2 | 240.0 | 217.4 | 196.0 | 186.1 | 187.7 | 196.3 |
| 135° | 302.0 | 299.0 | 294.5 | 286.1 | 275.1 | 259.2 | 236.5 | 213.4 | 199.7 | 198.2 | 203.1 |
| 137.5° | 318.6 | 315.5 | 310.3 | 303.1 | 292.0 | 277.9 | 256.0 | 231.6 | 214.4 | 209.3 | 211.2 |
| 140° | 328.9 | 325.2 | 320.6 | 313.4 | 303.6 | 288.8 | 267.6 | 244.1 | 224.7 | 217.5 | 216.4 |
| 142.5° | 337.4 | 334.6 | 329.7 | 323.1 | 314.5 | 299.7 | 279.1 | 255.9 | 235.3 | 226.0 | 223.4 |
| 145° | 350.2 | 347.9 | 342.6 | 336.5 | 329.3 | 314.5 | 295.6 | 272.5 | 252.0 | 239.9 | 234.2 |
| 147.5° | 360.9 | 359.1 | 354.9 | 347.8 | 341.8 | 327.6 | 310.3 | 289.8 | 268.8 | 253.8 | 246.5 |
| 150° | 367.6 | 366.1 | 361.9 | 355.1 | 349.0 | 335.8 | 319.1 | 300.1 | 280.1 | 264.1 | 254.7 |
| 152.5° | 374.0 | 372.5 | 367.7 | 360.9 | 355.7 | 343.3 | 328.2 | 310.1 | 289.8 | 273.8 | 264.1 |
| 155° | 382.4 | 380.5 | 375.9 | 369.5 | 364.9 | 353.6 | 339.6 | 323.6 | 306.2 | 289.5 | 278.5 |
| 157.5° | 389.1 | 386.7 | 382.5 | 376.9 | 372.1 | 361.6 | 349.4 | 335.7 | 320.5 | 304.5 | 293.3 |
| 160° | 393.0 | 390.3 | 385.8 | 380.9 | 376.3 | 366.5 | 355.5 | 343.0 | 328.9 | 314.5 | 302.4 |
| 162.5° | 395.7 | 393.4 | 387.9 | 383.6 | 379.7 | 370.7 | 360.3 | 349.0 | 336.5 | 323.9 | 312.7 |
| 165° | 398.7 | 396.0 | 390.3 | 386.9 | 383.5 | 375.9 | 366.8 | 357.7 | 347.1 | 336.9 | 327.8 |
| 167.5° | 398.9 | 396.7 | 391.0 | 387.7 | 385.2 | 378.7 | 371.3 | 364.3 | 356.1 | 348.0 | 340.5 |
| 170° | 398.3 | 396.4 | 390.7 | 387.7 | 385.8 | 380.5 | 374.0 | 368.0 | 361.5 | 354.7 | 348.7 |
| 172.5° | 396.2 | 394.3 | 388.9 | 386.5 | 385.5 | 380.8 | 375.6 | 371.0 | 365.5 | 360.5 | 355.6 |
| 175° | 390.7 | 389.2 | 384.7 | 383.1 | 383.5 | 380.5 | 376.7 | 374.0 | 370.6 | 367.6 | 364.9 |
| 177.5° | 382.8 | 381.9 | 378.5 | 378.5 | 379.7 | 377.9 | 376.7 | 375.5 | 374.0 | 373.1 | 372.1 |
| 180° | 375.2 | 375.2 | 375.2 | 375.2 | 375.2 | 375.2 | 375.2 | 375.2 | 375.2 | 375.2 | 375.2 |



TEST NUMBER: P1428030

CATALOG NUMBER: SQ2W-PP3-K-025U-125D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2585.4 | 2585.4 | 2585.4 | 2585.4 | 2585.4 | 2585.4 | 2585.4 | 2585.4 | 2585.4 | 2585.4 | 2585.4 |
| 2.5° | 2584.2 | 2579.9 | 2581.8 | 2583.7 | 2585.7 | 2587.6 | 2585.7 | 2583.7 | 2581.8 | 2579.9 | 2584.2 |
| 5° | 2582.7 | 2578.5 | 2580.9 | 2584.8 | 2593.3 | 2601.8 | 2593.3 | 2584.8 | 2580.9 | 2578.5 | 2582.7 |
| 7.5° | 2574.4 | 2571.1 | 2575.2 | 2581.0 | 2591.4 | 2601.8 | 2591.4 | 2581.0 | 2575.2 | 2571.1 | 2574.4 |
| 10° | 2563.0 | 2561.2 | 2567.2 | 2573.9 | 2582.4 | 2590.9 | 2582.4 | 2573.9 | 2567.2 | 2561.2 | 2563.0 |
| 12.5° | 2542.8 | 2542.4 | 2550.5 | 2558.4 | 2565.9 | 2573.4 | 2565.9 | 2558.4 | 2550.5 | 2542.4 | 2542.8 |
| 15° | 2511.4 | 2514.4 | 2525.3 | 2535.0 | 2541.1 | 2547.2 | 2541.1 | 2535.0 | 2525.3 | 2514.4 | 2511.4 |
| 17.5° | 2479.1 | 2486.6 | 2502.2 | 2515.4 | 2521.7 | 2528.1 | 2521.7 | 2515.4 | 2502.2 | 2486.6 | 2479.1 |
| 20° | 2455.8 | 2466.7 | 2486.1 | 2503.8 | 2515.9 | 2528.1 | 2515.9 | 2503.8 | 2486.1 | 2466.7 | 2455.8 |
| 22.5° | 2428.6 | 2445.3 | 2474.5 | 2501.6 | 2522.5 | 2543.4 | 2522.5 | 2501.6 | 2474.5 | 2445.3 | 2428.6 |
| 25° | 2391.1 | 2420.9 | 2463.4 | 2503.2 | 2534.7 | 2566.3 | 2534.7 | 2503.2 | 2463.4 | 2420.9 | 2391.1 |
| 27.5° | 2354.4 | 2396.2 | 2444.1 | 2486.2 | 2511.2 | 2536.3 | 2511.2 | 2486.2 | 2444.1 | 2396.2 | 2354.4 |
| 30° | 2318.2 | 2364.4 | 2414.2 | 2457.3 | 2480.4 | 2503.5 | 2480.4 | 2457.3 | 2414.2 | 2364.4 | 2318.2 |
| 32.5° | 2268.7 | 2318.2 | 2371.9 | 2417.5 | 2438.6 | 2459.7 | 2438.6 | 2417.5 | 2371.9 | 2318.2 | 2268.7 |
| 35° | 2191.9 | 2247.2 | 2303.0 | 2348.0 | 2360.1 | 2372.3 | 2360.1 | 2348.0 | 2303.0 | 2247.2 | 2191.9 |
| 37.5° | 2106.6 | 2152.9 | 2184.2 | 2207.9 | 2208.7 | 2209.4 | 2208.7 | 2207.9 | 2184.2 | 2152.9 | 2106.6 |
| 40° | 2042.5 | 2074.7 | 2080.7 | 2081.4 | 2065.6 | 2049.8 | 2065.6 | 2081.4 | 2080.7 | 2074.7 | 2042.5 |
| 42.5° | 1959.4 | 1967.8 | 1943.7 | 1908.1 | 1837.9 | 1767.7 | 1837.9 | 1908.1 | 1943.7 | 1967.8 | 1959.4 |
| 45° | 1817.8 | 1764.3 | 1641.6 | 1537.5 | 1488.9 | 1440.3 | 1488.9 | 1537.5 | 1641.6 | 1764.3 | 1817.8 |
| 47.5° | 1613.6 | 1532.7 | 1399.3 | 1290.9 | 1257.4 | 1223.9 | 1257.4 | 1290.9 | 1399.3 | 1532.7 | 1613.6 |
| 50° | 1450.3 | 1359.2 | 1246.3 | 1153.6 | 1122.1 | 1090.5 | 1122.1 | 1153.6 | 1246.3 | 1359.2 | 1450.3 |
| 52.5° | 1298.5 | 1202.5 | 1104.1 | 1018.3 | 970.2 | 922.1 | 970.2 | 1018.3 | 1104.1 | 1202.5 | 1298.5 |
| 55° | 1111.1 | 1005.5 | 890.1 | 792.0 | 745.8 | 699.7 | 745.8 | 890.1 | 1005.5 | 1111.1 | 1111.1 |
| 57.5° | 946.3 | 841.2 | 705.7 | 591.1 | 539.3 | 487.6 | 539.3 | 705.7 | 841.2 | 946.3 | 946.3 |
| 60° | 828.7 | 728.5 | 594.9 | 488.3 | 462.8 | 437.3 | 462.8 | 594.9 | 728.5 | 828.7 | 828.7 |
| 62.5° | 711.6 | 622.1 | 511.8 | 426.8 | 417.8 | 408.9 | 417.8 | 511.8 | 622.1 | 711.6 | 711.6 |
| 65° | 555.1 | 485.3 | 417.2 | 365.9 | 364.7 | 363.5 | 364.7 | 417.2 | 485.3 | 555.1 | 555.1 |
| 67.5° | 432.6 | 381.0 | 346.0 | 319.4 | 317.9 | 316.5 | 317.9 | 346.0 | 381.0 | 432.6 | 432.6 |
| 70° | 362.9 | 321.0 | 301.5 | 286.4 | 283.9 | 281.5 | 283.9 | 301.5 | 321.0 | 362.9 | 362.9 |
| 72.5° | 308.7 | 274.1 | 261.5 | 251.6 | 250.2 | 248.7 | 250.2 | 261.5 | 274.1 | 308.7 | 308.7 |
| 75° | 236.6 | 212.9 | 206.8 | 201.9 | 200.7 | 199.5 | 200.7 | 206.8 | 212.9 | 236.6 | 236.6 |
| 77.5° | 174.2 | 159.1 | 156.0 | 153.3 | 152.1 | 150.9 | 152.1 | 156.0 | 159.1 | 174.2 | 174.2 |
| 80° | 134.8 | 125.1 | 123.9 | 122.7 | 121.5 | 120.3 | 121.5 | 123.9 | 125.1 | 134.8 | 134.8 |
| 82.5° | 99.8 | 94.5 | 93.3 | 91.8 | 89.6 | 87.5 | 89.6 | 93.3 | 94.5 | 99.8 | 99.8 |
| 85° | 53.1 | 49.5 | 44.6 | 40.1 | 36.4 | 32.8 | 36.4 | 44.6 | 49.5 | 53.1 | 53.1 |
| 87.5° | 12.9 | 10.5 | 10.1 | 9.7 | 10.0 | 9.8 | 10.0 | 10.1 | 10.5 | 12.9 | 12.9 |
| 90° | 8.7 | 11.4 | 14.0 | 15.5 | 17.1 | 16.3 | 17.1 | 14.0 | 11.4 | 8.7 | 8.7 |
| 92.5° | 17.5 | 22.0 | 25.2 | 28.0 | 29.2 | 29.0 | 29.2 | 25.2 | 22.0 | 17.5 | 17.5 |
| 95° | 35.2 | 40.5 | 45.9 | 49.6 | 51.9 | 51.2 | 51.9 | 45.9 | 40.5 | 35.2 | 35.2 |
| 97.5° | 54.3 | 61.5 | 67.4 | 70.9 | 73.2 | 74.7 | 73.2 | 67.4 | 61.5 | 54.3 | 54.3 |
| 100° | 67.1 | 73.9 | 80.7 | 84.9 | 88.7 | 90.2 | 88.7 | 80.7 | 73.9 | 67.1 | 67.1 |
| 102.5° | 77.4 | 86.3 | 93.8 | 98.2 | 101.4 | 102.9 | 101.4 | 93.8 | 86.3 | 77.4 | 77.4 |
| 105° | 94.4 | 103.8 | 111.8 | 117.5 | 120.9 | 122.0 | 120.9 | 111.8 | 103.8 | 94.4 | 94.4 |
| 107.5° | 111.3 | 121.1 | 128.5 | 134.8 | 138.9 | 141.4 | 138.9 | 128.5 | 121.1 | 111.3 | 111.3 |
| 110° | 124.7 | 132.6 | 140.6 | 146.3 | 150.5 | 152.0 | 150.5 | 140.6 | 132.6 | 124.7 | 124.7 |



TEST NUMBER: P1428030

CATALOG NUMBER: SQ2W-PP3-K-025U-125D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 220° | 230° | 240° | 250° | 260° | 270° | 280° | 290° | 300° | 310° | 320° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 135.9 | 144.8 | 152.7 | 158.4 | 163.2 | 165.3 | 163.2 | 158.4 | 152.7 | 144.8 | 135.9 |
| 115° | 151.6 | 163.3 | 170.5 | 175.8 | 179.3 | 181.1 | 179.3 | 175.8 | 170.5 | 163.3 | 151.6 |
| 117.5° | 164.6 | 176.9 | 184.8 | 188.9 | 190.5 | 191.8 | 190.5 | 188.9 | 184.8 | 176.9 | 164.6 |
| 120° | 172.8 | 184.2 | 193.3 | 198.6 | 200.5 | 201.2 | 200.5 | 198.6 | 193.3 | 184.2 | 172.8 |
| 122.5° | 180.4 | 191.2 | 199.9 | 206.5 | 209.6 | 210.3 | 209.6 | 206.5 | 199.9 | 191.2 | 180.4 |
| 125° | 191.0 | 201.2 | 210.3 | 216.8 | 220.2 | 222.1 | 220.2 | 216.8 | 210.3 | 201.2 | 191.0 |
| 127.5° | 200.2 | 211.3 | 219.7 | 225.5 | 228.8 | 230.3 | 228.8 | 225.5 | 219.7 | 211.3 | 200.2 |
| 130° | 205.4 | 216.8 | 225.1 | 231.6 | 234.6 | 236.1 | 234.6 | 231.6 | 225.1 | 216.8 | 205.4 |
| 132.5° | 209.3 | 221.3 | 230.0 | 235.8 | 239.1 | 240.6 | 239.1 | 235.8 | 230.0 | 221.3 | 209.3 |
| 135° | 214.1 | 226.6 | 235.7 | 241.4 | 244.4 | 246.0 | 244.4 | 241.4 | 235.7 | 226.6 | 214.1 |
| 137.5° | 218.3 | 229.7 | 239.1 | 245.1 | 247.8 | 248.8 | 247.8 | 245.1 | 239.1 | 229.7 | 218.3 |
| 140° | 221.3 | 231.2 | 240.6 | 246.3 | 249.4 | 249.7 | 249.4 | 246.3 | 240.6 | 231.2 | 221.3 |
| 142.5° | 225.3 | 233.0 | 241.3 | 246.9 | 250.0 | 250.7 | 250.0 | 246.9 | 241.3 | 233.0 | 225.3 |
| 145° | 232.3 | 236.9 | 242.5 | 247.8 | 250.5 | 251.3 | 250.5 | 247.8 | 242.5 | 236.9 | 232.3 |
| 147.5° | 241.2 | 242.6 | 245.6 | 249.1 | 251.6 | 252.2 | 251.6 | 249.1 | 245.6 | 242.6 | 241.2 |
| 150° | 247.8 | 247.5 | 248.6 | 250.9 | 253.2 | 252.8 | 253.2 | 250.9 | 248.6 | 247.5 | 247.8 |
| 152.5° | 255.4 | 253.2 | 253.2 | 254.2 | 255.3 | 255.2 | 255.3 | 254.2 | 253.2 | 253.2 | 255.4 |
| 155° | 268.3 | 264.1 | 261.9 | 261.1 | 261.1 | 260.7 | 261.1 | 261.1 | 261.9 | 264.1 | 268.3 |
| 157.5° | 282.5 | 276.6 | 273.2 | 271.4 | 270.9 | 270.1 | 270.9 | 271.4 | 273.2 | 276.6 | 282.5 |
| 160° | 292.2 | 285.7 | 282.3 | 279.3 | 278.2 | 277.0 | 278.2 | 279.3 | 282.3 | 285.7 | 292.2 |
| 162.5° | 301.3 | 295.1 | 291.4 | 288.7 | 287.6 | 285.8 | 287.6 | 288.7 | 291.4 | 295.1 | 301.3 |
| 165° | 316.1 | 309.6 | 305.4 | 303.2 | 301.7 | 300.1 | 301.7 | 303.2 | 305.4 | 309.6 | 316.1 |
| 167.5° | 330.8 | 323.8 | 321.1 | 318.5 | 317.0 | 314.3 | 317.0 | 318.5 | 321.1 | 323.8 | 330.8 |
| 170° | 339.9 | 333.5 | 332.0 | 329.7 | 327.1 | 324.0 | 327.1 | 329.7 | 332.0 | 333.5 | 339.9 |
| 172.5° | 347.8 | 343.5 | 342.0 | 339.7 | 338.9 | 336.4 | 338.9 | 339.7 | 342.0 | 343.5 | 347.8 |
| 175° | 359.3 | 355.9 | 355.9 | 355.5 | 354.3 | 352.1 | 354.3 | 355.5 | 355.9 | 355.9 | 359.3 |
| 177.5° | 368.8 | 367.0 | 368.2 | 368.2 | 367.9 | 365.8 | 367.9 | 368.2 | 368.2 | 367.0 | 368.8 |
| 180° | 375.2 | 375.2 | 375.2 | 375.2 | 375.2 | 375.2 | 375.2 | 375.2 | 375.2 | 375.2 | 375.2 |



TEST NUMBER: P1428030

CATALOG NUMBER: SQ2W-PP3-K-025U-125D-L835-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|
| 0° | 2585.4 | 2585.4 | 2585.4 | 2585.4 |
| 2.5° | 2594.9 | 2598.8 | 2582.3 | 2565.8 |
| 5° | 2593.6 | 2596.7 | 2576.0 | 2555.4 |
| 7.5° | 2585.1 | 2587.8 | 2566.7 | 2545.5 |
| 10° | 2572.7 | 2575.4 | 2557.2 | 2539.0 |
| 12.5° | 2551.6 | 2553.8 | 2536.6 | 2519.3 |
| 15° | 2516.2 | 2515.9 | 2500.1 | 2484.3 |
| 17.5° | 2479.6 | 2475.2 | 2456.0 | 2436.8 |
| 20° | 2453.4 | 2445.8 | 2422.7 | 2399.6 |
| 22.5° | 2424.2 | 2414.2 | 2387.2 | 2360.2 |
| 25° | 2374.1 | 2354.7 | 2327.9 | 2301.2 |
| 27.5° | 2318.7 | 2285.3 | 2258.8 | 2232.3 |
| 30° | 2275.7 | 2237.4 | 2211.9 | 2186.4 |
| 32.5° | 2223.2 | 2182.5 | 2156.1 | 2129.6 |
| 35° | 2137.2 | 2089.9 | 2064.3 | 2038.8 |
| 37.5° | 2045.4 | 1992.3 | 1963.3 | 1934.4 |
| 40° | 1984.2 | 1931.0 | 1893.4 | 1855.7 |
| 42.5° | 1918.6 | 1875.9 | 1827.5 | 1779.2 |
| 45° | 1802.0 | 1775.9 | 1718.8 | 1661.7 |
| 47.5° | 1642.0 | 1649.2 | 1592.9 | 1536.5 |
| 50° | 1519.6 | 1558.1 | 1504.7 | 1451.2 |
| 52.5° | 1392.0 | 1450.3 | 1402.7 | 1355.0 |
| 55° | 1207.1 | 1270.9 | 1238.1 | 1205.3 |
| 57.5° | 1020.9 | 1071.0 | 1048.0 | 1024.9 |
| 60° | 895.5 | 941.1 | 922.9 | 904.6 |
| 62.5° | 780.4 | 827.9 | 811.6 | 795.3 |
| 65° | 626.8 | 676.6 | 660.8 | 645.0 |
| 67.5° | 500.9 | 547.8 | 530.5 | 513.3 |
| 70° | 427.3 | 471.0 | 452.8 | 434.6 |
| 72.5° | 365.3 | 403.5 | 386.2 | 369.0 |
| 75° | 277.9 | 305.5 | 292.1 | 278.8 |
| 77.5° | 201.2 | 219.2 | 210.7 | 202.2 |
| 80° | 153.0 | 165.8 | 162.2 | 158.5 |
| 82.5° | 109.3 | 116.7 | 117.9 | 119.2 |
| 85° | 55.6 | 58.0 | 60.4 | 62.9 |
| 87.5° | 17.4 | 20.5 | 20.2 | 19.9 |
| 90° | 6.8 | 4.2 | 2.7 | 1.1 |
| 92.5° | 14.7 | 10.2 | 7.2 | 4.2 |
| 95° | 29.6 | 23.5 | 16.7 | 11.7 |
| 97.5° | 47.1 | 37.3 | 30.5 | 22.4 |
| 100° | 56.5 | 47.0 | 40.5 | 31.8 |
| 102.5° | 66.8 | 58.8 | 49.9 | 41.2 |
| 105° | 85.3 | 75.4 | 65.2 | 55.3 |
| 107.5° | 102.4 | 91.6 | 79.3 | 70.4 |
| 110° | 113.3 | 101.6 | 88.7 | 80.7 |

TEST NUMBER: P1428030

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CANDELA DISTRIBUTION (continued):

| | 330° | 340° | 350° | 360° |
|--------|-------|-------|-------|-------|
| 112.5° | 123.9 | 111.9 | 98.7 | 90.7 |
| 115° | 138.3 | 125.1 | 112.9 | 106.1 |
| 117.5° | 152.2 | 138.6 | 125.7 | 120.4 |
| 120° | 160.7 | 147.0 | 134.5 | 130.4 |
| 122.5° | 167.7 | 154.3 | 142.7 | 141.0 |
| 125° | 178.1 | 164.5 | 154.6 | 156.9 |
| 127.5° | 186.6 | 174.1 | 167.9 | 173.0 |
| 130° | 191.8 | 180.8 | 177.0 | 184.2 |
| 132.5° | 196.3 | 187.7 | 186.1 | 196.0 |
| 135° | 203.1 | 198.2 | 199.7 | 213.4 |
| 137.5° | 211.2 | 209.3 | 214.4 | 231.6 |
| 140° | 216.4 | 217.5 | 224.7 | 244.1 |
| 142.5° | 223.4 | 226.0 | 235.3 | 255.9 |
| 145° | 234.2 | 239.9 | 252.0 | 272.5 |
| 147.5° | 246.5 | 253.8 | 268.8 | 289.8 |
| 150° | 254.7 | 264.1 | 280.1 | 300.1 |
| 152.5° | 264.1 | 273.8 | 289.8 | 310.1 |
| 155° | 278.5 | 289.5 | 306.2 | 323.6 |
| 157.5° | 293.3 | 304.5 | 320.5 | 335.7 |
| 160° | 302.4 | 314.5 | 328.9 | 343.0 |
| 162.5° | 312.7 | 323.9 | 336.5 | 349.0 |
| 165° | 327.8 | 336.9 | 347.1 | 357.7 |
| 167.5° | 340.5 | 348.0 | 356.1 | 364.3 |
| 170° | 348.7 | 354.7 | 361.5 | 368.0 |
| 172.5° | 355.6 | 360.5 | 365.5 | 371.0 |
| 175° | 364.9 | 367.6 | 370.6 | 374.0 |
| 177.5° | 372.1 | 373.1 | 374.0 | 375.5 |
| 180° | 375.2 | 375.2 | 375.2 | 375.2 |



TEST NUMBER: P1428030
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CIE UGR TABLE:

| Reflectances: | | | | | | | | | | | |
|-----------------|------|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Ceiling | | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Wall | | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| Reference plane | | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | | Viewed crosswise | | | | | Viewed endwise | | | | |
| X=2H | Y=2H | 23.28 | 24.52 | 23.86 | 25.11 | 25.76 | 19.05 | 20.29 | 19.63 | 20.88 | 21.53 |
| | 3H | 24.37 | 25.48 | 24.97 | 26.08 | 26.77 | 20.39 | 21.50 | 20.99 | 22.10 | 22.79 |
| | 4H | 24.76 | 25.80 | 25.38 | 26.41 | 27.11 | 20.97 | 22.01 | 21.58 | 22.62 | 23.32 |
| | 6H | 24.97 | 25.93 | 25.60 | 26.55 | 27.27 | 21.35 | 22.31 | 21.98 | 22.93 | 23.65 |
| | 8H | 25.04 | 25.96 | 25.69 | 26.60 | 27.32 | 21.49 | 22.40 | 22.13 | 23.04 | 23.77 |
| | 12H | 25.08 | 25.95 | 25.72 | 26.58 | 27.33 | 21.54 | 22.41 | 22.18 | 23.04 | 23.79 |
| 4H | 2H | 23.45 | 24.49 | 24.07 | 25.10 | 25.80 | 20.01 | 21.05 | 20.63 | 21.66 | 22.37 |
| | 3H | 24.78 | 25.64 | 25.41 | 26.29 | 27.01 | 21.47 | 22.33 | 22.10 | 22.98 | 23.70 |
| | 4H | 25.30 | 26.08 | 25.95 | 26.73 | 27.49 | 22.10 | 22.88 | 22.75 | 23.54 | 24.29 |
| | 6H | 25.64 | 26.31 | 26.31 | 26.99 | 27.76 | 22.57 | 23.24 | 23.24 | 23.92 | 24.69 |
| | 8H | 25.75 | 26.38 | 26.43 | 27.06 | 27.84 | 22.75 | 23.37 | 23.42 | 24.05 | 24.83 |
| | 12H | 25.81 | 26.37 | 26.51 | 27.08 | 27.86 | 22.81 | 23.37 | 23.51 | 24.08 | 24.86 |
| 8H | 4H | 25.35 | 25.97 | 26.02 | 26.65 | 27.43 | 22.44 | 23.07 | 23.12 | 23.75 | 24.53 |
| | 6H | 25.77 | 26.29 | 26.48 | 27.01 | 27.80 | 23.01 | 23.53 | 23.72 | 24.25 | 25.04 |
| | 8H | 25.95 | 26.42 | 26.67 | 27.14 | 27.94 | 23.26 | 23.73 | 23.98 | 24.45 | 25.25 |
| | 12H | 26.06 | 26.48 | 26.78 | 27.19 | 28.05 | 23.38 | 23.79 | 24.10 | 24.50 | 25.36 |
| 12H | 4H | 25.32 | 25.88 | 26.02 | 26.59 | 27.37 | 22.47 | 23.03 | 23.16 | 23.74 | 24.52 |
| | 6H | 25.76 | 26.23 | 26.48 | 26.96 | 27.75 | 23.08 | 23.54 | 23.80 | 24.27 | 25.07 |
| | 8H | 25.98 | 26.39 | 26.70 | 27.10 | 27.96 | 23.37 | 23.78 | 24.09 | 24.49 | 25.36 |