

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: P934742

Luminaire Tested: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-6-6500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934742
REPORT IS A COMBINATION OF REPORTS P933711 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-6-6500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

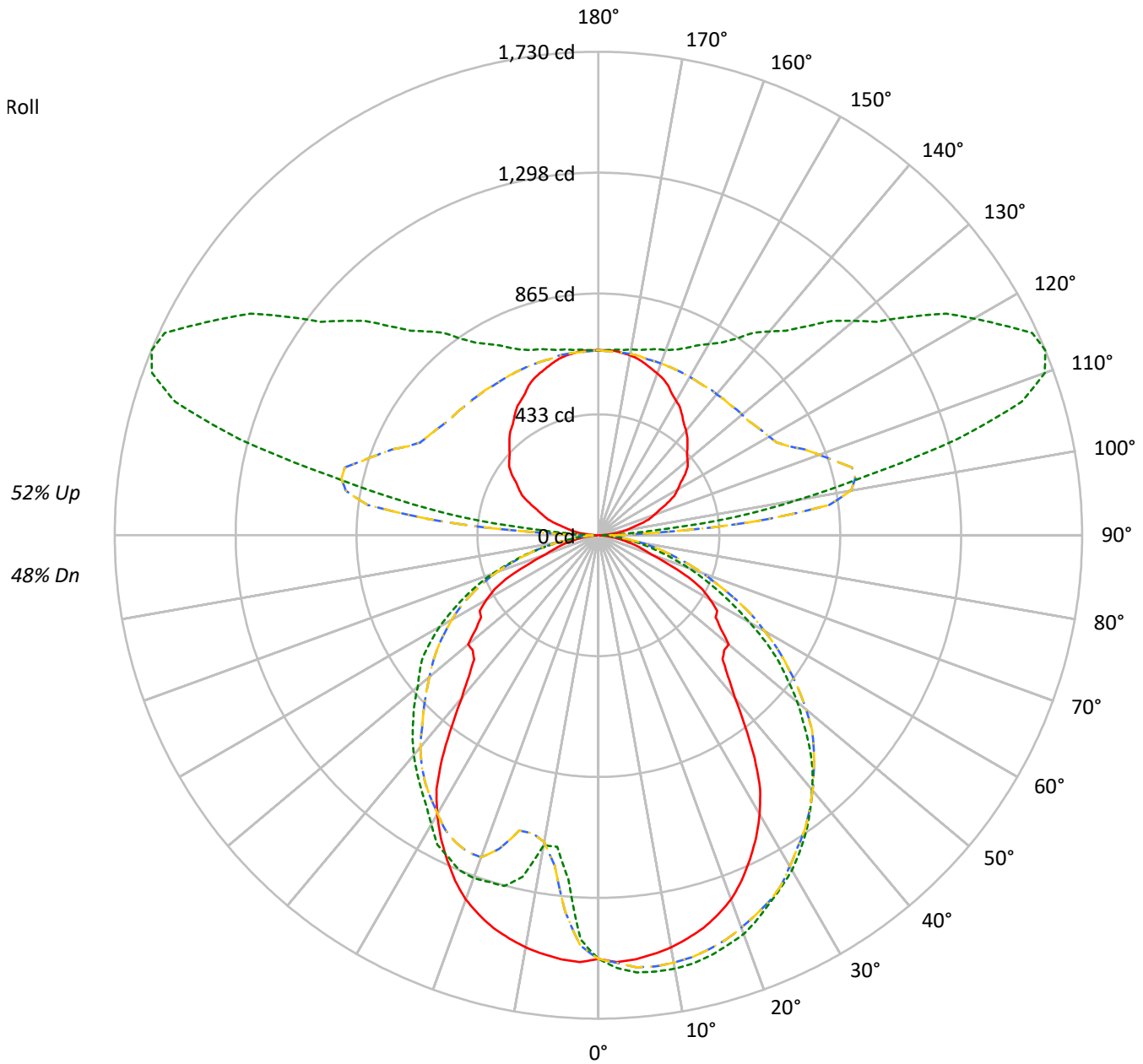
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8228.0 lumens
Efficiency: N/A
Efficacy: 129.4 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 63.6
Input Voltage (V): NR
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: P934742
CATALOG NUMBER: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-6-6500K

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - · - · 90°-270° - · - · 135°-315°



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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 | 107 | 107 | 107 | 107 | 98 | 98 | 98 | 98 | 82 | 82 | 82 | 68 | 68 | 68 | 54 | 54 | 54 | 48 | 48 | 48 | 48 |
| 1 | 97 | 93 | 89 | 86 | 89 | 86 | 82 | 79 | 72 | 70 | 68 | 60 | 58 | 56 | 48 | 47 | 46 | 40 | 40 | 40 | 40 |
| 2 | 89 | 81 | 75 | 70 | 81 | 75 | 70 | 65 | 63 | 59 | 56 | 52 | 50 | 47 | 42 | 40 | 39 | 34 | 34 | 34 | 34 |
| 3 | 81 | 71 | 64 | 58 | 74 | 66 | 60 | 54 | 56 | 51 | 47 | 46 | 43 | 40 | 37 | 35 | 33 | 29 | 29 | 29 | 29 |
| 4 | 74 | 63 | 55 | 49 | 68 | 58 | 52 | 46 | 49 | 44 | 40 | 41 | 37 | 34 | 33 | 31 | 28 | 25 | 25 | 25 | 25 |
| 5 | 68 | 56 | 48 | 42 | 62 | 52 | 45 | 40 | 44 | 39 | 34 | 37 | 33 | 29 | 30 | 27 | 25 | 21 | 21 | 21 | 21 |
| 6 | 62 | 50 | 42 | 37 | 57 | 47 | 40 | 34 | 40 | 34 | 30 | 33 | 29 | 26 | 27 | 24 | 22 | 19 | 19 | 19 | 19 |
| 7 | 58 | 45 | 38 | 32 | 53 | 42 | 35 | 30 | 36 | 30 | 26 | 30 | 26 | 23 | 25 | 22 | 19 | 17 | 17 | 17 | 17 |
| 8 | 54 | 41 | 33 | 28 | 49 | 38 | 31 | 27 | 33 | 27 | 23 | 28 | 23 | 20 | 23 | 20 | 17 | 15 | 15 | 15 | 15 |
| 9 | 50 | 38 | 30 | 25 | 46 | 35 | 28 | 24 | 30 | 25 | 21 | 25 | 21 | 18 | 21 | 18 | 15 | 13 | 13 | 13 | 13 |
| 10 | 46 | 34 | 27 | 22 | 43 | 32 | 26 | 21 | 28 | 22 | 19 | 23 | 19 | 16 | 19 | 16 | 14 | 12 | 12 | 12 | 12 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|------|------|------|
| 0° | 9378 | 9378 | 9378 | 9378 |
| 5° | 9445 | 9467 | 9445 | 7444 |
| 10° | 9378 | 9325 | 9378 | 6667 |
| 15° | 9273 | 9124 | 9273 | 7619 |
| 20° | 9076 | 8884 | 9076 | 7634 |
| 25° | 8675 | 8535 | 8675 | 7473 |
| 30° | 8159 | 8245 | 8159 | 7118 |
| 35° | 7270 | 7879 | 7270 | 6727 |
| 40° | 6054 | 7447 | 6054 | 6432 |
| 45° | 5406 | 6942 | 5406 | 6093 |
| 50° | 5738 | 6339 | 5738 | 5753 |
| 55° | 5394 | 5690 | 5394 | 5556 |
| 60° | 5553 | 4833 | 5553 | 5088 |
| 65° | 5027 | 3995 | 5027 | 4466 |
| 70° | 3473 | 3184 | 3473 | 3743 |
| 75° | 3033 | 2354 | 3033 | 2818 |
| 80° | 2428 | 1556 | 2428 | 1695 |
| 85° | 1365 | 824 | 1365 | 701 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8291 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 136.8 | 1.7 |
| 10°-20° | 388.6 | 4.7 |
| 20°-30° | 600.6 | 7.3 |
| 30°-40° | 717.0 | 8.7 |
| 40°-50° | 721.2 | 8.8 |
| 50°-60° | 627.6 | 7.6 |
| 60°-70° | 445.0 | 5.4 |
| 70°-80° | 235.4 | 2.9 |
| 80°-90° | 61.2 | 0.7 |
| 90°-100° | 322.9 | 3.9 |
| 100°-110° | 849.0 | 10.3 |
| 110°-120° | 880.3 | 10.7 |
| 120°-130° | 706.1 | 8.6 |
| 130°-140° | 554.0 | 6.7 |
| 140°-150° | 425.3 | 5.2 |
| 150°-160° | 306.3 | 3.7 |
| 160°-170° | 187.4 | 2.3 |
| 170°-180° | 63.3 | 0.8 |
| 0°-30° | 1126.0 | 13.7 |
| 0°-40° | 1843.1 | 22.4 |
| 0°-60° | 3191.9 | 38.8 |
| 0°-90° | 3933.4 | 47.8 |
| 90°-120° | 2052.2 | 24.9 |
| 90°-150° | 3737.6 | 45.4 |
| 90°-180° | 4295.0 | 52.2 |
| 0°-180° | 8228.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1516 | 1516 | 1516 | 1516 | 1516 | |
| 5° | 1523 | 1570 | 1523 | 1235 | 1523 | 144 |
| 15° | 1454 | 1556 | 1454 | 1300 | 1454 | 409 |
| 25° | 1281 | 1452 | 1281 | 1271 | 1281 | 588 |
| 35° | 974 | 1295 | 974 | 1106 | 974 | 603 |
| 45° | 628 | 1067 | 628 | 937 | 628 | 503 |
| 55° | 512 | 787 | 512 | 769 | 512 | 470 |
| 65° | 356 | 475 | 356 | 531 | 356 | 340 |
| 75° | 135 | 225 | 135 | 270 | 135 | 142 |
| 85° | 23 | 57 | 23 | 49 | 23 | 31 |
| 90° | 4 | 17 | 4 | 17 | 4 | 5 |
| 95° | 43 | 195 | 43 | 195 | 43 | 47 |
| 105° | 153 | 1329 | 153 | 1329 | 153 | 162 |
| 115° | 272 | 1712 | 272 | 1712 | 272 | 268 |
| 125° | 378 | 1363 | 378 | 1363 | 378 | 336 |
| 135° | 450 | 1058 | 450 | 1058 | 450 | 348 |
| 145° | 522 | 858 | 522 | 858 | 522 | 327 |
| 155° | 590 | 739 | 590 | 739 | 590 | 271 |
| 165° | 637 | 688 | 637 | 688 | 637 | 180 |
| 175° | 662 | 667 | 662 | 667 | 662 | 63 |
| 180° | 662 | 662 | 662 | 662 | 662 | |



TEST NUMBER: P934742

CATALOG NUMBER: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-6-6500K

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 |
| 2.5° | 1529.0 | 1529.0 | 1537.6 | 1540.4 | 1540.4 | 1536.1 | 1531.8 | 1536.1 | 1549.0 | 1553.3 | 1551.9 |
| 5° | 1523.2 | 1534.7 | 1550.5 | 1553.3 | 1556.2 | 1554.8 | 1551.9 | 1554.8 | 1569.1 | 1572.0 | 1573.4 |
| 7.5° | 1511.7 | 1533.3 | 1553.3 | 1557.6 | 1561.9 | 1557.6 | 1556.2 | 1559.1 | 1573.4 | 1576.3 | 1576.3 |
| 10° | 1497.4 | 1527.5 | 1550.5 | 1553.3 | 1557.6 | 1553.3 | 1553.3 | 1559.1 | 1573.4 | 1576.3 | 1577.7 |
| 12.5° | 1477.3 | 1518.9 | 1540.4 | 1543.3 | 1549.0 | 1547.6 | 1546.2 | 1551.9 | 1566.2 | 1569.1 | 1569.1 |
| 15° | 1454.4 | 1503.1 | 1523.2 | 1526.1 | 1536.1 | 1533.3 | 1533.3 | 1539.0 | 1554.8 | 1559.1 | 1557.6 |
| 17.5° | 1422.8 | 1483.1 | 1506.0 | 1510.3 | 1517.5 | 1516.0 | 1517.5 | 1523.2 | 1537.6 | 1540.4 | 1541.9 |
| 20° | 1387.0 | 1455.8 | 1483.1 | 1487.4 | 1494.5 | 1494.5 | 1494.5 | 1501.7 | 1516.0 | 1521.8 | 1521.8 |
| 22.5° | 1338.2 | 1427.1 | 1455.8 | 1458.7 | 1467.3 | 1467.3 | 1470.1 | 1480.2 | 1493.1 | 1494.5 | 1494.5 |
| 25° | 1280.8 | 1395.6 | 1419.9 | 1428.6 | 1437.2 | 1441.5 | 1445.8 | 1451.5 | 1455.8 | 1454.4 | 1455.8 |
| 27.5° | 1220.6 | 1355.4 | 1387.0 | 1392.7 | 1404.2 | 1408.5 | 1414.2 | 1415.6 | 1417.1 | 1421.4 | 1418.5 |
| 30° | 1153.2 | 1299.5 | 1346.8 | 1352.5 | 1371.2 | 1374.0 | 1368.3 | 1371.2 | 1378.4 | 1381.2 | 1384.1 |
| 32.5° | 1077.2 | 1216.3 | 1305.2 | 1318.1 | 1335.3 | 1326.7 | 1325.3 | 1329.6 | 1341.1 | 1341.1 | 1343.9 |
| 35° | 973.9 | 1151.7 | 1266.5 | 1278.0 | 1290.9 | 1280.8 | 1286.6 | 1288.0 | 1295.2 | 1299.5 | 1298.0 |
| 37.5° | 860.6 | 1095.8 | 1226.3 | 1234.9 | 1245.0 | 1232.1 | 1240.7 | 1245.0 | 1250.7 | 1247.8 | 1247.8 |
| 40° | 760.2 | 1008.3 | 1179.0 | 1184.7 | 1193.3 | 1183.3 | 1191.9 | 1194.8 | 1197.6 | 1194.8 | 1193.3 |
| 42.5° | 685.6 | 912.2 | 1128.8 | 1136.0 | 1130.2 | 1137.4 | 1140.3 | 1146.0 | 1141.7 | 1136.0 | 1136.0 |
| 45° | 628.2 | 886.4 | 1074.3 | 1082.9 | 1074.3 | 1085.8 | 1090.1 | 1090.1 | 1077.2 | 1074.3 | 1072.8 |
| 47.5° | 609.6 | 834.8 | 1019.8 | 1019.8 | 1015.5 | 1029.8 | 1037.0 | 1027.0 | 1014.0 | 1009.7 | 1009.7 |
| 50° | 608.1 | 777.4 | 945.2 | 939.5 | 959.5 | 976.8 | 969.6 | 959.5 | 949.5 | 933.7 | 933.7 |
| 52.5° | 552.2 | 707.1 | 849.1 | 870.6 | 902.2 | 912.2 | 900.7 | 890.7 | 873.5 | 866.3 | 860.6 |
| 55° | 512.0 | 634.0 | 761.6 | 804.6 | 837.6 | 850.5 | 829.0 | 819.0 | 793.2 | 788.9 | 786.0 |
| 57.5° | 503.4 | 527.8 | 681.3 | 735.8 | 776.0 | 774.5 | 761.6 | 743.0 | 721.4 | 717.1 | 715.7 |
| 60° | 461.8 | 381.5 | 595.2 | 659.8 | 701.4 | 697.1 | 685.6 | 668.4 | 648.3 | 645.4 | 642.6 |
| 62.5° | 418.8 | 276.8 | 497.7 | 570.8 | 629.7 | 628.2 | 618.2 | 592.4 | 578.0 | 570.8 | 565.1 |
| 65° | 355.7 | 232.4 | 354.3 | 474.7 | 559.4 | 562.2 | 540.7 | 522.1 | 506.3 | 497.7 | 496.3 |
| 67.5° | 271.1 | 189.3 | 239.5 | 395.9 | 492.0 | 489.1 | 461.8 | 453.2 | 433.2 | 428.9 | 420.2 |
| 70° | 200.8 | 126.2 | 166.4 | 321.3 | 426.0 | 418.8 | 397.3 | 387.3 | 368.6 | 358.6 | 352.8 |
| 72.5° | 166.4 | 101.8 | 121.9 | 249.6 | 358.6 | 350.0 | 331.3 | 319.8 | 304.1 | 295.5 | 289.7 |
| 75° | 134.8 | 107.6 | 93.2 | 185.0 | 291.2 | 285.4 | 268.2 | 256.7 | 243.8 | 232.4 | 233.8 |
| 77.5° | 99.0 | 100.4 | 74.6 | 136.3 | 230.9 | 222.3 | 212.3 | 197.9 | 192.2 | 180.7 | 180.7 |
| 80° | 74.6 | 78.9 | 55.9 | 93.2 | 166.4 | 166.4 | 157.8 | 147.7 | 137.7 | 132.0 | 132.0 |
| 82.5° | 50.2 | 50.2 | 41.6 | 58.8 | 113.3 | 109.0 | 103.3 | 100.4 | 94.7 | 91.8 | 91.8 |
| 85° | 22.9 | 28.7 | 25.8 | 35.9 | 61.7 | 64.5 | 64.5 | 61.7 | 60.2 | 57.4 | 58.8 |
| 87.5° | 7.2 | 12.9 | 15.8 | 20.1 | 31.6 | 33.0 | 34.4 | 34.4 | 34.4 | 35.9 | 35.9 |
| 90° | 4.4 | 7.9 | 11.6 | 12.4 | 19.5 | 29.0 | 33.8 | 30.0 | 22.6 | 16.9 | 16.9 |
| 92.5° | 17.8 | 48.0 | 78.2 | 85.8 | 120.6 | 167.0 | 190.3 | 166.8 | 119.7 | 84.4 | 81.1 |
| 95° | 42.6 | 98.0 | 153.3 | 167.1 | 296.8 | 469.8 | 556.2 | 496.4 | 376.5 | 286.8 | 276.6 |
| 97.5° | 73.8 | 122.6 | 171.3 | 183.6 | 399.9 | 688.2 | 832.4 | 794.5 | 718.9 | 662.1 | 642.7 |
| 100° | 97.8 | 142.1 | 186.4 | 197.5 | 437.4 | 757.3 | 917.3 | 920.0 | 925.6 | 929.7 | 906.7 |
| 102.5° | 118.3 | 159.6 | 200.9 | 211.2 | 454.6 | 779.0 | 941.3 | 989.5 | 1085.9 | 1158.2 | 1138.4 |
| 105° | 153.0 | 188.0 | 223.0 | 231.7 | 467.3 | 781.5 | 938.6 | 1046.6 | 1262.8 | 1425.0 | 1414.4 |
| 107.5° | 188.6 | 221.2 | 253.8 | 261.9 | 469.7 | 746.7 | 885.2 | 1036.0 | 1337.6 | 1563.8 | 1566.3 |
| 110° | 212.6 | 242.0 | 271.4 | 278.7 | 466.0 | 715.9 | 840.8 | 1009.4 | 1346.5 | 1599.3 | 1610.4 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 112.5° | 236.1 | 264.1 | 292.2 | 299.2 | 466.2 | 688.9 | 800.3 | 972.8 | 1317.8 | 1576.6 | 1593.6 |
| 115° | 271.7 | 297.6 | 323.4 | 329.9 | 470.5 | 658.1 | 751.9 | 918.0 | 1250.4 | 1499.7 | 1523.2 |
| 117.5° | 306.7 | 330.3 | 353.8 | 359.7 | 479.3 | 638.7 | 718.5 | 868.5 | 1168.5 | 1393.5 | 1419.6 |
| 120° | 327.2 | 349.4 | 371.5 | 377.0 | 486.4 | 632.2 | 705.2 | 842.2 | 1116.3 | 1321.8 | 1347.3 |
| 122.5° | 347.3 | 369.6 | 391.9 | 397.5 | 496.6 | 628.9 | 695.0 | 818.3 | 1065.1 | 1250.2 | 1275.3 |
| 125° | 377.9 | 398.3 | 418.6 | 423.7 | 510.4 | 626.0 | 683.9 | 788.7 | 998.4 | 1155.6 | 1178.6 |
| 127.5° | 402.8 | 423.4 | 443.9 | 449.0 | 524.2 | 624.4 | 674.5 | 764.5 | 944.5 | 1079.5 | 1099.0 |
| 130° | 416.1 | 438.3 | 460.4 | 466.0 | 534.3 | 625.4 | 671.0 | 751.1 | 911.3 | 1031.5 | 1049.5 |
| 132.5° | 429.9 | 452.1 | 474.2 | 479.7 | 542.4 | 626.0 | 667.8 | 739.5 | 883.0 | 990.6 | 1006.7 |
| 135° | 450.4 | 470.5 | 490.7 | 495.8 | 551.3 | 625.4 | 662.5 | 722.5 | 842.7 | 932.8 | 946.6 |
| 137.5° | 471.3 | 491.2 | 511.2 | 516.2 | 564.6 | 629.3 | 661.6 | 712.4 | 813.9 | 890.1 | 901.5 |
| 140° | 488.6 | 507.0 | 525.4 | 530.0 | 572.9 | 629.9 | 658.4 | 702.3 | 790.1 | 855.9 | 866.5 |
| 142.5° | 502.0 | 519.0 | 536.0 | 540.2 | 579.6 | 632.1 | 658.4 | 697.0 | 774.0 | 831.9 | 841.1 |
| 145° | 522.5 | 537.3 | 552.0 | 555.7 | 588.5 | 632.2 | 654.0 | 685.6 | 748.6 | 795.8 | 802.7 |
| 147.5° | 542.8 | 557.3 | 571.7 | 575.3 | 601.5 | 636.5 | 654.0 | 678.8 | 728.4 | 765.6 | 771.4 |
| 150° | 556.2 | 569.2 | 582.3 | 585.6 | 608.4 | 638.8 | 654.0 | 675.0 | 716.9 | 748.3 | 753.0 |
| 152.5° | 570.0 | 579.9 | 589.8 | 592.3 | 612.8 | 640.3 | 654.0 | 671.9 | 707.7 | 734.5 | 738.1 |
| 155° | 590.4 | 597.7 | 605.1 | 606.9 | 622.6 | 643.5 | 654.0 | 668.3 | 696.8 | 718.1 | 720.4 |
| 157.5° | 605.6 | 612.7 | 619.8 | 621.6 | 632.4 | 646.9 | 654.0 | 665.1 | 687.2 | 703.9 | 705.5 |
| 160° | 615.8 | 621.3 | 626.9 | 628.2 | 636.8 | 648.3 | 654.0 | 663.5 | 682.4 | 696.7 | 697.6 |
| 162.5° | 626.0 | 630.2 | 634.3 | 635.4 | 641.6 | 649.9 | 654.0 | 662.1 | 678.0 | 690.1 | 690.9 |
| 165° | 637.1 | 640.9 | 644.7 | 645.6 | 648.4 | 652.1 | 654.0 | 659.8 | 671.2 | 679.9 | 680.8 |
| 167.5° | 647.3 | 649.2 | 650.9 | 651.4 | 653.7 | 656.9 | 658.4 | 662.2 | 669.7 | 675.4 | 675.7 |
| 170° | 654.0 | 655.9 | 657.6 | 658.1 | 658.1 | 658.3 | 658.4 | 662.2 | 669.7 | 675.4 | 675.4 |
| 172.5° | 657.6 | 658.0 | 658.3 | 658.4 | 658.4 | 658.4 | 658.4 | 661.4 | 667.3 | 671.8 | 671.4 |
| 175° | 662.5 | 662.5 | 662.5 | 662.5 | 661.1 | 659.3 | 658.4 | 660.3 | 664.1 | 666.9 | 666.9 |
| 177.5° | 662.5 | 662.5 | 662.5 | 662.5 | 661.4 | 660.1 | 659.4 | 660.9 | 663.9 | 666.1 | 665.7 |
| 180° | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 |



TEST NUMBER: P934742

CATALOG NUMBER: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-6-6500K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 |
| 2.5° | 1554.8 | 1550.5 | 1554.8 | 1551.9 | 1553.3 | 1549.0 | 1536.1 | 1531.8 | 1536.1 | 1540.4 | 1540.4 |
| 5° | 1573.4 | 1570.5 | 1573.4 | 1573.4 | 1572.0 | 1569.1 | 1554.8 | 1551.9 | 1554.8 | 1556.2 | 1553.3 |
| 7.5° | 1579.2 | 1574.8 | 1579.2 | 1576.3 | 1576.3 | 1573.4 | 1559.1 | 1556.2 | 1557.6 | 1561.9 | 1557.6 |
| 10° | 1579.2 | 1574.8 | 1579.2 | 1577.7 | 1576.3 | 1573.4 | 1559.1 | 1553.3 | 1553.3 | 1557.6 | 1553.3 |
| 12.5° | 1572.0 | 1569.1 | 1572.0 | 1569.1 | 1569.1 | 1566.2 | 1551.9 | 1546.2 | 1547.6 | 1549.0 | 1543.3 |
| 15° | 1560.5 | 1556.2 | 1560.5 | 1557.6 | 1559.1 | 1554.8 | 1539.0 | 1533.3 | 1533.3 | 1536.1 | 1526.1 |
| 17.5° | 1543.3 | 1537.6 | 1543.3 | 1541.9 | 1540.4 | 1537.6 | 1523.2 | 1517.5 | 1516.0 | 1517.5 | 1510.3 |
| 20° | 1523.2 | 1518.9 | 1523.2 | 1521.8 | 1521.8 | 1516.0 | 1501.7 | 1494.5 | 1494.5 | 1494.5 | 1487.4 |
| 22.5° | 1491.7 | 1487.4 | 1491.7 | 1494.5 | 1494.5 | 1493.1 | 1480.2 | 1470.1 | 1467.3 | 1467.3 | 1458.7 |
| 25° | 1455.8 | 1451.5 | 1455.8 | 1455.8 | 1454.4 | 1455.8 | 1451.5 | 1445.8 | 1441.5 | 1437.2 | 1428.6 |
| 27.5° | 1421.4 | 1418.5 | 1421.4 | 1418.5 | 1421.4 | 1417.1 | 1415.6 | 1414.2 | 1408.5 | 1404.2 | 1392.7 |
| 30° | 1387.0 | 1384.1 | 1387.0 | 1384.1 | 1381.2 | 1378.4 | 1371.2 | 1368.3 | 1374.0 | 1371.2 | 1352.5 |
| 32.5° | 1343.9 | 1341.1 | 1343.9 | 1343.9 | 1341.1 | 1341.1 | 1329.6 | 1325.3 | 1326.7 | 1335.3 | 1318.1 |
| 35° | 1299.5 | 1295.2 | 1299.5 | 1298.0 | 1299.5 | 1295.2 | 1288.0 | 1286.6 | 1280.8 | 1290.9 | 1278.0 |
| 37.5° | 1247.8 | 1243.5 | 1247.8 | 1247.8 | 1247.8 | 1250.7 | 1245.0 | 1240.7 | 1232.1 | 1245.0 | 1234.9 |
| 40° | 1194.8 | 1189.0 | 1194.8 | 1193.3 | 1194.8 | 1197.6 | 1194.8 | 1191.9 | 1183.3 | 1193.3 | 1184.7 |
| 42.5° | 1134.5 | 1133.1 | 1134.5 | 1136.0 | 1136.0 | 1141.7 | 1146.0 | 1140.3 | 1137.4 | 1130.2 | 1136.0 |
| 45° | 1070.0 | 1067.1 | 1070.0 | 1072.8 | 1074.3 | 1077.2 | 1090.1 | 1090.1 | 1085.8 | 1074.3 | 1082.9 |
| 47.5° | 1001.1 | 994.0 | 1001.1 | 1009.7 | 1009.7 | 1014.0 | 1027.0 | 1037.0 | 1029.8 | 1015.5 | 1019.8 |
| 50° | 928.0 | 929.4 | 928.0 | 933.7 | 933.7 | 949.5 | 959.5 | 969.6 | 976.8 | 959.5 | 939.5 |
| 52.5° | 856.3 | 854.8 | 856.3 | 860.6 | 866.3 | 873.5 | 890.7 | 900.7 | 912.2 | 902.2 | 870.6 |
| 55° | 784.6 | 787.4 | 784.6 | 786.0 | 788.9 | 793.2 | 819.0 | 829.0 | 850.5 | 837.6 | 804.6 |
| 57.5° | 712.8 | 708.5 | 712.8 | 715.7 | 717.1 | 721.4 | 743.0 | 761.6 | 774.5 | 776.0 | 735.8 |
| 60° | 629.7 | 623.9 | 629.7 | 642.6 | 645.4 | 648.3 | 668.4 | 685.6 | 697.1 | 701.4 | 659.8 |
| 62.5° | 556.5 | 546.5 | 556.5 | 565.1 | 570.8 | 578.0 | 592.4 | 618.2 | 628.2 | 629.7 | 570.8 |
| 65° | 479.1 | 474.7 | 479.1 | 496.3 | 497.7 | 506.3 | 522.1 | 540.7 | 562.2 | 559.4 | 474.7 |
| 67.5° | 408.8 | 408.8 | 408.8 | 420.2 | 428.9 | 433.2 | 453.2 | 461.8 | 489.1 | 492.0 | 395.9 |
| 70° | 344.2 | 342.8 | 344.2 | 352.8 | 358.6 | 368.6 | 387.3 | 397.3 | 418.8 | 426.0 | 321.3 |
| 72.5° | 282.6 | 281.1 | 282.6 | 289.7 | 295.5 | 304.1 | 319.8 | 331.3 | 350.0 | 358.6 | 249.6 |
| 75° | 228.1 | 225.2 | 228.1 | 233.8 | 232.4 | 243.8 | 256.7 | 268.2 | 285.4 | 291.2 | 185.0 |
| 77.5° | 175.0 | 175.0 | 175.0 | 180.7 | 180.7 | 192.2 | 197.9 | 212.3 | 222.3 | 230.9 | 136.3 |
| 80° | 130.5 | 129.1 | 130.5 | 132.0 | 132.0 | 137.7 | 147.7 | 157.8 | 166.4 | 166.4 | 93.2 |
| 82.5° | 91.8 | 88.9 | 91.8 | 91.8 | 91.8 | 94.7 | 100.4 | 103.3 | 109.0 | 113.3 | 58.8 |
| 85° | 57.4 | 57.4 | 57.4 | 58.8 | 57.4 | 60.2 | 61.7 | 64.5 | 64.5 | 61.7 | 35.9 |
| 87.5° | 37.3 | 35.9 | 37.3 | 35.9 | 35.9 | 34.4 | 34.4 | 34.4 | 33.0 | 31.6 | 20.1 |
| 90° | 16.9 | 16.9 | 16.9 | 16.9 | 16.9 | 22.6 | 30.0 | 33.8 | 29.0 | 19.5 | 12.4 |
| 92.5° | 67.6 | 54.2 | 67.6 | 81.1 | 84.4 | 119.7 | 166.8 | 190.3 | 167.0 | 120.6 | 85.8 |
| 95° | 235.9 | 195.2 | 235.9 | 276.6 | 286.8 | 376.5 | 496.4 | 556.2 | 469.8 | 296.8 | 167.1 |
| 97.5° | 565.2 | 487.8 | 565.2 | 642.7 | 662.1 | 718.9 | 794.5 | 832.4 | 688.2 | 399.9 | 183.6 |
| 100° | 814.3 | 722.0 | 814.3 | 906.7 | 929.7 | 925.6 | 920.0 | 917.3 | 757.3 | 437.4 | 197.5 |
| 102.5° | 1059.5 | 980.4 | 1059.5 | 1138.4 | 1158.2 | 1085.9 | 989.5 | 941.3 | 779.0 | 454.6 | 211.2 |
| 105° | 1371.9 | 1329.4 | 1371.9 | 1414.4 | 1425.0 | 1262.8 | 1046.6 | 938.6 | 781.5 | 467.3 | 231.7 |
| 107.5° | 1576.6 | 1586.8 | 1576.6 | 1566.3 | 1563.8 | 1337.6 | 1036.0 | 885.2 | 746.7 | 469.7 | 261.9 |
| 110° | 1654.6 | 1698.9 | 1654.6 | 1610.4 | 1599.3 | 1346.5 | 1009.4 | 840.8 | 715.9 | 466.0 | 278.7 |



TEST NUMBER: P934742

CATALOG NUMBER: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-6-6500K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° | 100° | 110° | 112.5° | 120° | 130° | 135° | 140° | 150° | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|--------|
| 112.5° | 1661.6 | 1729.6 | 1661.6 | 1593.6 | 1576.6 | 1317.8 | 972.8 | 800.3 | 688.9 | 466.2 | 299.2 |
| 115° | 1617.5 | 1711.8 | 1617.5 | 1523.2 | 1499.7 | 1250.4 | 918.0 | 751.9 | 658.1 | 470.5 | 329.9 |
| 117.5° | 1524.1 | 1628.6 | 1524.1 | 1419.6 | 1393.5 | 1168.5 | 868.5 | 718.5 | 638.7 | 479.3 | 359.7 |
| 120° | 1448.8 | 1550.4 | 1448.8 | 1347.3 | 1321.8 | 1116.3 | 842.2 | 705.2 | 632.2 | 486.4 | 377.0 |
| 122.5° | 1375.5 | 1475.7 | 1375.5 | 1275.3 | 1250.2 | 1065.1 | 818.3 | 695.0 | 628.9 | 496.6 | 397.5 |
| 125° | 1271.0 | 1363.2 | 1271.0 | 1178.6 | 1155.6 | 998.4 | 788.7 | 683.9 | 626.0 | 510.4 | 423.7 |
| 127.5° | 1176.9 | 1254.7 | 1176.9 | 1099.0 | 1079.5 | 944.5 | 764.5 | 674.5 | 624.4 | 524.2 | 449.0 |
| 130° | 1121.4 | 1193.3 | 1121.4 | 1049.5 | 1031.5 | 911.3 | 751.1 | 671.0 | 625.4 | 534.3 | 466.0 |
| 132.5° | 1071.1 | 1135.6 | 1071.1 | 1006.7 | 990.6 | 883.0 | 739.5 | 667.8 | 626.0 | 542.4 | 479.7 |
| 135° | 1002.2 | 1057.7 | 1002.2 | 946.6 | 932.8 | 842.7 | 722.5 | 662.5 | 625.4 | 551.3 | 495.8 |
| 137.5° | 946.9 | 992.4 | 946.9 | 901.5 | 890.1 | 813.9 | 712.4 | 661.6 | 629.3 | 564.6 | 516.2 |
| 140° | 909.1 | 951.5 | 909.1 | 866.5 | 855.9 | 790.1 | 702.3 | 658.4 | 629.9 | 572.9 | 530.0 |
| 142.5° | 877.6 | 914.1 | 877.6 | 841.1 | 831.9 | 774.0 | 697.0 | 658.4 | 632.1 | 579.6 | 540.2 |
| 145° | 830.5 | 858.1 | 830.5 | 802.7 | 795.8 | 748.6 | 685.6 | 654.0 | 632.2 | 588.5 | 555.7 |
| 147.5° | 794.2 | 817.2 | 794.2 | 771.4 | 765.6 | 728.4 | 678.8 | 654.0 | 636.5 | 601.5 | 575.3 |
| 150° | 771.6 | 790.1 | 771.6 | 753.0 | 748.3 | 716.9 | 675.0 | 654.0 | 638.8 | 608.4 | 585.6 |
| 152.5° | 752.0 | 766.1 | 752.0 | 738.1 | 734.5 | 707.7 | 671.9 | 654.0 | 640.3 | 612.8 | 592.3 |
| 155° | 729.7 | 738.9 | 729.7 | 720.4 | 718.1 | 696.8 | 668.3 | 654.0 | 643.5 | 622.6 | 606.9 |
| 157.5° | 712.0 | 718.5 | 712.0 | 705.5 | 703.9 | 687.2 | 665.1 | 654.0 | 646.9 | 632.4 | 621.6 |
| 160° | 701.4 | 705.2 | 701.4 | 697.6 | 696.7 | 682.4 | 663.5 | 654.0 | 648.3 | 636.8 | 628.2 |
| 162.5° | 694.5 | 698.0 | 694.5 | 690.9 | 690.1 | 678.0 | 662.1 | 654.0 | 649.9 | 641.6 | 635.4 |
| 165° | 684.5 | 688.3 | 684.5 | 680.8 | 679.9 | 671.2 | 659.8 | 654.0 | 652.1 | 648.4 | 645.6 |
| 167.5° | 677.4 | 678.9 | 677.4 | 675.7 | 675.4 | 669.7 | 662.2 | 658.4 | 656.9 | 653.7 | 651.4 |
| 170° | 675.4 | 675.4 | 675.4 | 675.4 | 675.4 | 669.7 | 662.2 | 658.4 | 658.3 | 658.1 | 658.1 |
| 172.5° | 670.1 | 668.7 | 670.1 | 671.4 | 671.8 | 667.3 | 661.4 | 658.4 | 658.4 | 658.4 | 658.4 |
| 175° | 666.9 | 666.9 | 666.9 | 666.9 | 666.9 | 664.1 | 660.3 | 658.4 | 659.3 | 661.1 | 662.5 |
| 177.5° | 664.1 | 662.5 | 664.1 | 665.7 | 666.1 | 663.9 | 660.9 | 659.4 | 660.1 | 661.4 | 662.5 |
| 180° | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 |



TEST NUMBER: P934742

CATALOG NUMBER: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-6-6500K

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 |
| 2.5° | 1537.6 | 1529.0 | 1529.0 | 1514.6 | 1508.9 | 1504.6 | 1497.4 | 1475.9 | 1470.1 | 1464.4 | 1473.0 |
| 5° | 1550.5 | 1534.7 | 1523.2 | 1497.4 | 1475.9 | 1467.3 | 1440.0 | 1388.4 | 1354.0 | 1328.2 | 1313.8 |
| 7.5° | 1553.3 | 1533.3 | 1511.7 | 1471.6 | 1419.9 | 1397.0 | 1313.8 | 1219.1 | 1193.3 | 1170.4 | 1156.0 |
| 10° | 1550.5 | 1527.5 | 1497.4 | 1437.2 | 1315.2 | 1275.1 | 1191.9 | 1130.2 | 1114.4 | 1110.1 | 1114.4 |
| 12.5° | 1540.4 | 1518.9 | 1477.3 | 1376.9 | 1206.2 | 1179.0 | 1130.2 | 1094.4 | 1091.5 | 1098.7 | 1137.4 |
| 15° | 1523.2 | 1503.1 | 1454.4 | 1296.6 | 1146.0 | 1125.9 | 1091.5 | 1078.6 | 1094.4 | 1144.6 | 1260.7 |
| 17.5° | 1506.0 | 1483.1 | 1422.8 | 1217.7 | 1100.1 | 1085.8 | 1061.4 | 1087.2 | 1176.1 | 1243.5 | 1282.3 |
| 20° | 1483.1 | 1455.8 | 1387.0 | 1160.3 | 1067.1 | 1054.2 | 1042.7 | 1158.9 | 1226.3 | 1250.7 | 1272.2 |
| 22.5° | 1455.8 | 1427.1 | 1338.2 | 1120.2 | 1032.7 | 1022.6 | 1029.8 | 1199.1 | 1226.3 | 1243.5 | 1262.2 |
| 25° | 1419.9 | 1395.6 | 1280.8 | 1088.6 | 1005.4 | 994.0 | 1021.2 | 1194.8 | 1210.5 | 1214.8 | 1252.1 |
| 27.5° | 1387.0 | 1355.4 | 1220.6 | 1059.9 | 972.4 | 968.1 | 1028.4 | 1176.1 | 1187.6 | 1191.9 | 1232.1 |
| 30° | 1346.8 | 1299.5 | 1153.2 | 1029.8 | 938.0 | 936.6 | 1029.8 | 1153.2 | 1150.3 | 1161.8 | 1201.9 |
| 32.5° | 1305.2 | 1216.3 | 1077.2 | 992.5 | 905.0 | 903.6 | 1019.8 | 1118.7 | 1115.9 | 1131.7 | 1161.8 |
| 35° | 1266.5 | 1151.7 | 973.9 | 949.5 | 863.4 | 864.9 | 995.4 | 1078.6 | 1080.0 | 1094.4 | 1113.0 |
| 37.5° | 1226.3 | 1095.8 | 860.6 | 902.2 | 823.3 | 823.3 | 962.4 | 1041.3 | 1038.4 | 1042.7 | 1068.5 |
| 40° | 1179.0 | 1008.3 | 760.2 | 840.5 | 786.0 | 781.7 | 922.2 | 1001.1 | 991.1 | 989.7 | 1025.5 |
| 42.5° | 1128.8 | 912.2 | 685.6 | 758.7 | 743.0 | 737.2 | 873.5 | 952.4 | 933.7 | 938.0 | 983.9 |
| 45° | 1074.3 | 886.4 | 628.2 | 641.1 | 698.5 | 694.2 | 820.4 | 896.4 | 883.5 | 895.0 | 942.3 |
| 47.5° | 1019.8 | 834.8 | 609.6 | 532.1 | 651.2 | 649.7 | 761.6 | 841.9 | 834.8 | 846.2 | 896.4 |
| 50° | 945.2 | 777.4 | 608.1 | 456.1 | 598.1 | 603.8 | 691.3 | 788.9 | 788.9 | 798.9 | 852.0 |
| 52.5° | 849.1 | 707.1 | 552.2 | 413.1 | 536.4 | 553.6 | 629.7 | 743.0 | 745.8 | 755.9 | 803.2 |
| 55° | 761.6 | 634.0 | 512.0 | 380.1 | 463.3 | 500.6 | 569.4 | 695.6 | 701.4 | 711.4 | 754.4 |
| 57.5° | 681.3 | 527.8 | 503.4 | 341.4 | 395.9 | 431.7 | 516.3 | 649.7 | 652.6 | 661.2 | 702.8 |
| 60° | 595.2 | 381.5 | 461.8 | 299.8 | 337.1 | 364.3 | 467.6 | 595.2 | 605.3 | 611.0 | 646.9 |
| 62.5° | 497.7 | 276.8 | 418.8 | 271.1 | 308.4 | 314.1 | 427.4 | 543.6 | 556.5 | 560.8 | 582.3 |
| 65° | 354.3 | 232.4 | 355.7 | 246.7 | 278.3 | 279.7 | 384.4 | 490.5 | 502.0 | 509.2 | 524.9 |
| 67.5° | 239.5 | 189.3 | 271.1 | 223.7 | 255.3 | 256.7 | 342.8 | 428.9 | 444.6 | 450.4 | 460.4 |
| 70° | 166.4 | 126.2 | 200.8 | 199.4 | 229.5 | 232.4 | 298.3 | 372.9 | 387.3 | 391.6 | 397.3 |
| 72.5° | 121.9 | 101.8 | 166.4 | 179.3 | 202.2 | 205.1 | 252.4 | 309.8 | 324.1 | 328.5 | 331.3 |
| 75° | 93.2 | 107.6 | 134.8 | 156.3 | 172.1 | 173.5 | 206.5 | 252.4 | 262.5 | 265.3 | 266.8 |
| 77.5° | 74.6 | 100.4 | 99.0 | 126.2 | 140.6 | 137.7 | 162.1 | 195.1 | 203.7 | 203.7 | 203.7 |
| 80° | 55.9 | 78.9 | 74.6 | 90.4 | 103.3 | 100.4 | 116.2 | 139.1 | 142.0 | 144.9 | 143.4 |
| 82.5° | 41.6 | 50.2 | 50.2 | 57.4 | 68.8 | 66.0 | 77.5 | 90.4 | 90.4 | 90.4 | 93.2 |
| 85° | 25.8 | 28.7 | 22.9 | 30.1 | 38.7 | 37.3 | 43.0 | 48.8 | 50.2 | 50.2 | 47.3 |
| 87.5° | 15.8 | 12.9 | 7.2 | 11.5 | 17.2 | 17.2 | 20.1 | 21.5 | 20.1 | 20.1 | 20.1 |
| 90° | 11.6 | 7.9 | 4.4 | 7.9 | 11.6 | 12.4 | 19.5 | 29.0 | 33.8 | 30.0 | 22.6 |
| 92.5° | 78.2 | 48.0 | 17.8 | 48.0 | 78.2 | 85.8 | 120.6 | 167.0 | 190.3 | 166.8 | 119.7 |
| 95° | 153.3 | 98.0 | 42.6 | 98.0 | 153.3 | 167.1 | 296.8 | 469.8 | 556.2 | 496.4 | 376.5 |
| 97.5° | 171.3 | 122.6 | 73.8 | 122.6 | 171.3 | 183.6 | 399.9 | 688.2 | 832.4 | 794.5 | 718.9 |
| 100° | 186.4 | 142.1 | 97.8 | 142.1 | 186.4 | 197.5 | 437.4 | 757.3 | 917.3 | 920.0 | 925.6 |
| 102.5° | 200.9 | 159.6 | 118.3 | 159.6 | 200.9 | 211.2 | 454.6 | 779.0 | 941.3 | 989.5 | 1085.9 |
| 105° | 223.0 | 188.0 | 153.0 | 188.0 | 223.0 | 231.7 | 467.3 | 781.5 | 938.6 | 1046.6 | 1262.8 |
| 107.5° | 253.8 | 221.2 | 188.6 | 221.2 | 253.8 | 261.9 | 469.7 | 746.7 | 885.2 | 1036.0 | 1337.6 |
| 110° | 271.4 | 242.0 | 212.6 | 242.0 | 271.4 | 278.7 | 466.0 | 715.9 | 840.8 | 1009.4 | 1346.5 |



TEST NUMBER: P934742

CATALOG NUMBER: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-6-6500K

CANDELA DISTRIBUTION (continued):

| | 160° | 170° | 180° | 190° | 200° | 202.5° | 210° | 220° | 225° | 230° | 240° |
|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|--------|
| 112.5° | 292.2 | 264.1 | 236.1 | 264.1 | 292.2 | 299.2 | 466.2 | 688.9 | 800.3 | 972.8 | 1317.8 |
| 115° | 323.4 | 297.6 | 271.7 | 297.6 | 323.4 | 329.9 | 470.5 | 658.1 | 751.9 | 918.0 | 1250.4 |
| 117.5° | 353.8 | 330.3 | 306.7 | 330.3 | 353.8 | 359.7 | 479.3 | 638.7 | 718.5 | 868.5 | 1168.5 |
| 120° | 371.5 | 349.4 | 327.2 | 349.4 | 371.5 | 377.0 | 486.4 | 632.2 | 705.2 | 842.2 | 1116.3 |
| 122.5° | 391.9 | 369.6 | 347.3 | 369.6 | 391.9 | 397.5 | 496.6 | 628.9 | 695.0 | 818.3 | 1065.1 |
| 125° | 418.6 | 398.3 | 377.9 | 398.3 | 418.6 | 423.7 | 510.4 | 626.0 | 683.9 | 788.7 | 998.4 |
| 127.5° | 443.9 | 423.4 | 402.8 | 423.4 | 443.9 | 449.0 | 524.2 | 624.4 | 674.5 | 764.5 | 944.5 |
| 130° | 460.4 | 438.3 | 416.1 | 438.3 | 460.4 | 466.0 | 534.3 | 625.4 | 671.0 | 751.1 | 911.3 |
| 132.5° | 474.2 | 452.1 | 429.9 | 452.1 | 474.2 | 479.7 | 542.4 | 626.0 | 667.8 | 739.5 | 883.0 |
| 135° | 490.7 | 470.5 | 450.4 | 470.5 | 490.7 | 495.8 | 551.3 | 625.4 | 662.5 | 722.5 | 842.7 |
| 137.5° | 511.2 | 491.2 | 471.3 | 491.2 | 511.2 | 516.2 | 564.6 | 629.3 | 661.6 | 712.4 | 813.9 |
| 140° | 525.4 | 507.0 | 488.6 | 507.0 | 525.4 | 530.0 | 572.9 | 629.9 | 658.4 | 702.3 | 790.1 |
| 142.5° | 536.0 | 519.0 | 502.0 | 519.0 | 536.0 | 540.2 | 579.6 | 632.1 | 658.4 | 697.0 | 774.0 |
| 145° | 552.0 | 537.3 | 522.5 | 537.3 | 552.0 | 555.7 | 588.5 | 632.2 | 654.0 | 685.6 | 748.6 |
| 147.5° | 571.7 | 557.3 | 542.8 | 557.3 | 571.7 | 575.3 | 601.5 | 636.5 | 654.0 | 678.8 | 728.4 |
| 150° | 582.3 | 569.2 | 556.2 | 569.2 | 582.3 | 585.6 | 608.4 | 638.8 | 654.0 | 675.0 | 716.9 |
| 152.5° | 589.8 | 579.9 | 570.0 | 579.9 | 589.8 | 592.3 | 612.8 | 640.3 | 654.0 | 671.9 | 707.7 |
| 155° | 605.1 | 597.7 | 590.4 | 597.7 | 605.1 | 606.9 | 622.6 | 643.5 | 654.0 | 668.3 | 696.8 |
| 157.5° | 619.8 | 612.7 | 605.6 | 612.7 | 619.8 | 621.6 | 632.4 | 646.9 | 654.0 | 665.1 | 687.2 |
| 160° | 626.9 | 621.3 | 615.8 | 621.3 | 626.9 | 628.2 | 636.8 | 648.3 | 654.0 | 663.5 | 682.4 |
| 162.5° | 634.3 | 630.2 | 626.0 | 630.2 | 634.3 | 635.4 | 641.6 | 649.9 | 654.0 | 662.1 | 678.0 |
| 165° | 644.7 | 640.9 | 637.1 | 640.9 | 644.7 | 645.6 | 648.4 | 652.1 | 654.0 | 659.8 | 671.2 |
| 167.5° | 650.9 | 649.2 | 647.3 | 649.2 | 650.9 | 651.4 | 653.7 | 656.9 | 658.4 | 662.2 | 669.7 |
| 170° | 657.6 | 655.9 | 654.0 | 655.9 | 657.6 | 658.1 | 658.1 | 658.3 | 658.4 | 662.2 | 669.7 |
| 172.5° | 658.3 | 658.0 | 657.6 | 658.0 | 658.3 | 658.4 | 658.4 | 658.4 | 658.4 | 661.4 | 667.3 |
| 175° | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 661.1 | 659.3 | 658.4 | 660.3 | 664.1 |
| 177.5° | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 661.4 | 660.1 | 659.4 | 660.9 | 663.9 |
| 180° | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 |



TEST NUMBER: P934742

CATALOG NUMBER: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-6-6500K

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 |
| 2.5° | 1463.0 | 1458.7 | 1464.4 | 1448.6 | 1464.4 | 1458.7 | 1463.0 | 1473.0 | 1464.4 | 1470.1 | 1475.9 |
| 5° | 1283.7 | 1276.5 | 1253.6 | 1234.9 | 1253.6 | 1276.5 | 1283.7 | 1313.8 | 1328.2 | 1354.0 | 1388.4 |
| 7.5° | 1147.4 | 1141.7 | 1136.0 | 1124.5 | 1136.0 | 1141.7 | 1147.4 | 1156.0 | 1170.4 | 1193.3 | 1219.1 |
| 10° | 1117.3 | 1118.7 | 1127.4 | 1125.9 | 1127.4 | 1118.7 | 1117.3 | 1114.4 | 1110.1 | 1114.4 | 1130.2 |
| 12.5° | 1194.8 | 1207.7 | 1255.0 | 1252.1 | 1255.0 | 1207.7 | 1194.8 | 1137.4 | 1098.7 | 1091.5 | 1094.4 |
| 15° | 1283.7 | 1288.0 | 1298.0 | 1299.5 | 1298.0 | 1288.0 | 1283.7 | 1260.7 | 1144.6 | 1094.4 | 1078.6 |
| 17.5° | 1292.3 | 1293.7 | 1300.9 | 1300.9 | 1300.9 | 1293.7 | 1292.3 | 1282.3 | 1243.5 | 1176.1 | 1087.2 |
| 20° | 1285.1 | 1288.0 | 1302.3 | 1305.2 | 1302.3 | 1288.0 | 1285.1 | 1272.2 | 1250.7 | 1226.3 | 1158.9 |
| 22.5° | 1282.3 | 1288.0 | 1299.5 | 1298.0 | 1299.5 | 1288.0 | 1282.3 | 1262.2 | 1243.5 | 1226.3 | 1199.1 |
| 25° | 1267.9 | 1267.9 | 1269.3 | 1270.8 | 1269.3 | 1267.9 | 1267.9 | 1252.1 | 1214.8 | 1210.5 | 1194.8 |
| 27.5° | 1237.8 | 1240.7 | 1249.3 | 1247.8 | 1249.3 | 1240.7 | 1237.8 | 1232.1 | 1191.9 | 1187.6 | 1176.1 |
| 30° | 1210.5 | 1207.7 | 1200.5 | 1194.8 | 1200.5 | 1207.7 | 1210.5 | 1201.9 | 1161.8 | 1150.3 | 1153.2 |
| 32.5° | 1164.6 | 1157.5 | 1150.3 | 1146.0 | 1150.3 | 1157.5 | 1164.6 | 1161.8 | 1131.7 | 1115.9 | 1118.7 |
| 35° | 1110.1 | 1111.6 | 1110.1 | 1105.8 | 1110.1 | 1111.6 | 1110.1 | 1113.0 | 1094.4 | 1080.0 | 1078.6 |
| 37.5° | 1071.4 | 1074.3 | 1072.8 | 1067.1 | 1072.8 | 1074.3 | 1071.4 | 1068.5 | 1042.7 | 1038.4 | 1041.3 |
| 40° | 1031.3 | 1032.7 | 1031.3 | 1027.0 | 1031.3 | 1032.7 | 1031.3 | 1025.5 | 989.7 | 991.1 | 1001.1 |
| 42.5° | 992.5 | 991.1 | 986.8 | 983.9 | 986.8 | 991.1 | 992.5 | 983.9 | 938.0 | 933.7 | 952.4 |
| 45° | 948.1 | 949.5 | 940.9 | 936.6 | 940.9 | 949.5 | 948.1 | 942.3 | 895.0 | 883.5 | 896.4 |
| 47.5° | 903.6 | 903.6 | 896.4 | 892.1 | 896.4 | 903.6 | 903.6 | 896.4 | 846.2 | 834.8 | 841.9 |
| 50° | 856.3 | 854.8 | 844.8 | 843.4 | 844.8 | 854.8 | 856.3 | 852.0 | 798.9 | 788.9 | 788.9 |
| 52.5° | 801.8 | 801.8 | 803.2 | 806.1 | 803.2 | 801.8 | 801.8 | 803.2 | 755.9 | 745.8 | 743.0 |
| 55° | 754.4 | 755.9 | 765.9 | 768.8 | 765.9 | 755.9 | 754.4 | 754.4 | 711.4 | 701.4 | 695.6 |
| 57.5° | 705.7 | 705.7 | 712.8 | 712.8 | 712.8 | 705.7 | 705.7 | 702.8 | 661.2 | 652.6 | 649.7 |
| 60° | 649.7 | 652.6 | 658.3 | 656.9 | 658.3 | 652.6 | 649.7 | 646.9 | 611.0 | 605.3 | 595.2 |
| 62.5° | 590.9 | 593.8 | 595.2 | 592.4 | 595.2 | 593.8 | 590.9 | 582.3 | 560.8 | 556.5 | 543.6 |
| 65° | 529.3 | 532.1 | 533.6 | 530.7 | 533.6 | 532.1 | 529.3 | 524.9 | 509.2 | 502.0 | 490.5 |
| 67.5° | 466.1 | 464.7 | 463.3 | 469.0 | 463.3 | 464.7 | 466.1 | 460.4 | 450.4 | 444.6 | 428.9 |
| 70° | 401.6 | 401.6 | 400.2 | 403.0 | 400.2 | 401.6 | 401.6 | 397.3 | 391.6 | 387.3 | 372.9 |
| 72.5° | 332.8 | 331.3 | 337.1 | 332.8 | 337.1 | 331.3 | 332.8 | 331.3 | 328.5 | 324.1 | 309.8 |
| 75° | 265.3 | 268.2 | 265.3 | 269.6 | 265.3 | 268.2 | 265.3 | 266.8 | 265.3 | 262.5 | 252.4 |
| 77.5° | 202.2 | 205.1 | 202.2 | 202.2 | 202.2 | 205.1 | 202.2 | 203.7 | 203.7 | 203.7 | 195.1 |
| 80° | 143.4 | 142.0 | 142.0 | 140.6 | 142.0 | 142.0 | 143.4 | 143.4 | 144.9 | 142.0 | 139.1 |
| 82.5° | 91.8 | 90.4 | 90.4 | 93.2 | 90.4 | 90.4 | 91.8 | 93.2 | 90.4 | 90.4 | 90.4 |
| 85° | 50.2 | 51.6 | 48.8 | 48.8 | 48.8 | 51.6 | 50.2 | 47.3 | 50.2 | 50.2 | 48.8 |
| 87.5° | 18.6 | 17.2 | 17.2 | 17.2 | 17.2 | 17.2 | 18.6 | 20.1 | 20.1 | 20.1 | 21.5 |
| 90° | 16.9 | 16.9 | 16.9 | 16.9 | 16.9 | 16.9 | 16.9 | 22.6 | 30.0 | 33.8 | 29.0 |
| 92.5° | 84.4 | 81.1 | 67.6 | 54.2 | 67.6 | 81.1 | 84.4 | 119.7 | 166.8 | 190.3 | 167.0 |
| 95° | 286.8 | 276.6 | 235.9 | 195.2 | 235.9 | 276.6 | 286.8 | 376.5 | 496.4 | 556.2 | 469.8 |
| 97.5° | 662.1 | 642.7 | 565.2 | 487.8 | 565.2 | 642.7 | 662.1 | 718.9 | 794.5 | 832.4 | 688.2 |
| 100° | 929.7 | 906.7 | 814.3 | 722.0 | 814.3 | 906.7 | 929.7 | 925.6 | 920.0 | 917.3 | 757.3 |
| 102.5° | 1158.2 | 1138.4 | 1059.5 | 980.4 | 1059.5 | 1138.4 | 1158.2 | 1085.9 | 989.5 | 941.3 | 779.0 |
| 105° | 1425.0 | 1414.4 | 1371.9 | 1329.4 | 1371.9 | 1414.4 | 1425.0 | 1262.8 | 1046.6 | 938.6 | 781.5 |
| 107.5° | 1563.8 | 1566.3 | 1576.6 | 1586.8 | 1576.6 | 1566.3 | 1563.8 | 1337.6 | 1036.0 | 885.2 | 746.7 |
| 110° | 1599.3 | 1610.4 | 1654.6 | 1698.9 | 1654.6 | 1610.4 | 1599.3 | 1346.5 | 1009.4 | 840.8 | 715.9 |



TEST NUMBER: P934742

CATALOG NUMBER: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-6-6500K

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 260° | 270° | 280° | 290° | 292.5° | 300° | 310° | 315° | 320° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 112.5° | 1576.6 | 1593.6 | 1661.6 | 1729.6 | 1661.6 | 1593.6 | 1576.6 | 1317.8 | 972.8 | 800.3 | 688.9 |
| 115° | 1499.7 | 1523.2 | 1617.5 | 1711.8 | 1617.5 | 1523.2 | 1499.7 | 1250.4 | 918.0 | 751.9 | 658.1 |
| 117.5° | 1393.5 | 1419.6 | 1524.1 | 1628.6 | 1524.1 | 1419.6 | 1393.5 | 1168.5 | 868.5 | 718.5 | 638.7 |
| 120° | 1321.8 | 1347.3 | 1448.8 | 1550.4 | 1448.8 | 1347.3 | 1321.8 | 1116.3 | 842.2 | 705.2 | 632.2 |
| 122.5° | 1250.2 | 1275.3 | 1375.5 | 1475.7 | 1375.5 | 1275.3 | 1250.2 | 1065.1 | 818.3 | 695.0 | 628.9 |
| 125° | 1155.6 | 1178.6 | 1271.0 | 1363.2 | 1271.0 | 1178.6 | 1155.6 | 998.4 | 788.7 | 683.9 | 626.0 |
| 127.5° | 1079.5 | 1099.0 | 1176.9 | 1254.7 | 1176.9 | 1099.0 | 1079.5 | 944.5 | 764.5 | 674.5 | 624.4 |
| 130° | 1031.5 | 1049.5 | 1121.4 | 1193.3 | 1121.4 | 1049.5 | 1031.5 | 911.3 | 751.1 | 671.0 | 625.4 |
| 132.5° | 990.6 | 1006.7 | 1071.1 | 1135.6 | 1071.1 | 1006.7 | 990.6 | 883.0 | 739.5 | 667.8 | 626.0 |
| 135° | 932.8 | 946.6 | 1002.2 | 1057.7 | 1002.2 | 946.6 | 932.8 | 842.7 | 722.5 | 662.5 | 625.4 |
| 137.5° | 890.1 | 901.5 | 946.9 | 992.4 | 946.9 | 901.5 | 890.1 | 813.9 | 712.4 | 661.6 | 629.3 |
| 140° | 855.9 | 866.5 | 909.1 | 951.5 | 909.1 | 866.5 | 855.9 | 790.1 | 702.3 | 658.4 | 629.9 |
| 142.5° | 831.9 | 841.1 | 877.6 | 914.1 | 877.6 | 841.1 | 831.9 | 774.0 | 697.0 | 658.4 | 632.1 |
| 145° | 795.8 | 802.7 | 830.5 | 858.1 | 830.5 | 802.7 | 795.8 | 748.6 | 685.6 | 654.0 | 632.2 |
| 147.5° | 765.6 | 771.4 | 794.2 | 817.2 | 794.2 | 771.4 | 765.6 | 728.4 | 678.8 | 654.0 | 636.5 |
| 150° | 748.3 | 753.0 | 771.6 | 790.1 | 771.6 | 753.0 | 748.3 | 716.9 | 675.0 | 654.0 | 638.8 |
| 152.5° | 734.5 | 738.1 | 752.0 | 766.1 | 752.0 | 738.1 | 734.5 | 707.7 | 671.9 | 654.0 | 640.3 |
| 155° | 718.1 | 720.4 | 729.7 | 738.9 | 729.7 | 720.4 | 718.1 | 696.8 | 668.3 | 654.0 | 643.5 |
| 157.5° | 703.9 | 705.5 | 712.0 | 718.5 | 712.0 | 705.5 | 703.9 | 687.2 | 665.1 | 654.0 | 646.9 |
| 160° | 696.7 | 697.6 | 701.4 | 705.2 | 701.4 | 697.6 | 696.7 | 682.4 | 663.5 | 654.0 | 648.3 |
| 162.5° | 690.1 | 690.9 | 694.5 | 698.0 | 694.5 | 690.9 | 690.1 | 678.0 | 662.1 | 654.0 | 649.9 |
| 165° | 679.9 | 680.8 | 684.5 | 688.3 | 684.5 | 680.8 | 679.9 | 671.2 | 659.8 | 654.0 | 652.1 |
| 167.5° | 675.4 | 675.7 | 677.4 | 678.9 | 677.4 | 675.7 | 675.4 | 669.7 | 662.2 | 658.4 | 656.9 |
| 170° | 675.4 | 675.4 | 675.4 | 675.4 | 675.4 | 675.4 | 675.4 | 669.7 | 662.2 | 658.4 | 658.3 |
| 172.5° | 671.8 | 671.4 | 670.1 | 668.7 | 670.1 | 671.4 | 671.8 | 667.3 | 661.4 | 658.4 | 658.4 |
| 175° | 666.9 | 666.9 | 666.9 | 666.9 | 666.9 | 666.9 | 666.9 | 664.1 | 660.3 | 658.4 | 659.3 |
| 177.5° | 666.1 | 665.7 | 664.1 | 662.5 | 664.1 | 665.7 | 666.1 | 663.9 | 660.9 | 659.4 | 660.1 |
| 180° | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 |



TEST NUMBER: P934742

CATALOG NUMBER: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-6-6500K

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|--------|--------|--------|--------|--------|
| 0° | 1516.0 | 1516.0 | 1516.0 | 1516.0 | 1516.0 |
| 2.5° | 1497.4 | 1504.6 | 1508.9 | 1514.6 | 1529.0 |
| 5° | 1440.0 | 1467.3 | 1475.9 | 1497.4 | 1523.2 |
| 7.5° | 1313.8 | 1397.0 | 1419.9 | 1471.6 | 1511.7 |
| 10° | 1191.9 | 1275.1 | 1315.2 | 1437.2 | 1497.4 |
| 12.5° | 1130.2 | 1179.0 | 1206.2 | 1376.9 | 1477.3 |
| 15° | 1091.5 | 1125.9 | 1146.0 | 1296.6 | 1454.4 |
| 17.5° | 1061.4 | 1085.8 | 1100.1 | 1217.7 | 1422.8 |
| 20° | 1042.7 | 1054.2 | 1067.1 | 1160.3 | 1387.0 |
| 22.5° | 1029.8 | 1022.6 | 1032.7 | 1120.2 | 1338.2 |
| 25° | 1021.2 | 994.0 | 1005.4 | 1088.6 | 1280.8 |
| 27.5° | 1028.4 | 968.1 | 972.4 | 1059.9 | 1220.6 |
| 30° | 1029.8 | 936.6 | 938.0 | 1029.8 | 1153.2 |
| 32.5° | 1019.8 | 903.6 | 905.0 | 992.5 | 1077.2 |
| 35° | 995.4 | 864.9 | 863.4 | 949.5 | 973.9 |
| 37.5° | 962.4 | 823.3 | 823.3 | 902.2 | 860.6 |
| 40° | 922.2 | 781.7 | 786.0 | 840.5 | 760.2 |
| 42.5° | 873.5 | 737.2 | 743.0 | 758.7 | 685.6 |
| 45° | 820.4 | 694.2 | 698.5 | 641.1 | 628.2 |
| 47.5° | 761.6 | 649.7 | 651.2 | 532.1 | 609.6 |
| 50° | 691.3 | 603.8 | 598.1 | 456.1 | 608.1 |
| 52.5° | 629.7 | 553.6 | 536.4 | 413.1 | 552.2 |
| 55° | 569.4 | 500.6 | 463.3 | 380.1 | 512.0 |
| 57.5° | 516.3 | 431.7 | 395.9 | 341.4 | 503.4 |
| 60° | 467.6 | 364.3 | 337.1 | 299.8 | 461.8 |
| 62.5° | 427.4 | 314.1 | 308.4 | 271.1 | 418.8 |
| 65° | 384.4 | 279.7 | 278.3 | 246.7 | 355.7 |
| 67.5° | 342.8 | 256.7 | 255.3 | 223.7 | 271.1 |
| 70° | 298.3 | 232.4 | 229.5 | 199.4 | 200.8 |
| 72.5° | 252.4 | 205.1 | 202.2 | 179.3 | 166.4 |
| 75° | 206.5 | 173.5 | 172.1 | 156.3 | 134.8 |
| 77.5° | 162.1 | 137.7 | 140.6 | 126.2 | 99.0 |
| 80° | 116.2 | 100.4 | 103.3 | 90.4 | 74.6 |
| 82.5° | 77.5 | 66.0 | 68.8 | 57.4 | 50.2 |
| 85° | 43.0 | 37.3 | 38.7 | 30.1 | 22.9 |
| 87.5° | 20.1 | 17.2 | 17.2 | 11.5 | 7.2 |
| 90° | 19.5 | 12.4 | 11.6 | 7.9 | 4.4 |
| 92.5° | 120.6 | 85.8 | 78.2 | 48.0 | 17.8 |
| 95° | 296.8 | 167.1 | 153.3 | 98.0 | 42.6 |
| 97.5° | 399.9 | 183.6 | 171.3 | 122.6 | 73.8 |
| 100° | 437.4 | 197.5 | 186.4 | 142.1 | 97.8 |
| 102.5° | 454.6 | 211.2 | 200.9 | 159.6 | 118.3 |
| 105° | 467.3 | 231.7 | 223.0 | 188.0 | 153.0 |
| 107.5° | 469.7 | 261.9 | 253.8 | 221.2 | 188.6 |
| 110° | 466.0 | 278.7 | 271.4 | 242.0 | 212.6 |



TEST NUMBER: P934742

CATALOG NUMBER: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-6-6500K

CANDELA DISTRIBUTION (continued):

| | 330° | 337.5° | 340° | 350° | 360° |
|--------|-------|--------|-------|-------|-------|
| 112.5° | 466.2 | 299.2 | 292.2 | 264.1 | 236.1 |
| 115° | 470.5 | 329.9 | 323.4 | 297.6 | 271.7 |
| 117.5° | 479.3 | 359.7 | 353.8 | 330.3 | 306.7 |
| 120° | 486.4 | 377.0 | 371.5 | 349.4 | 327.2 |
| 122.5° | 496.6 | 397.5 | 391.9 | 369.6 | 347.3 |
| 125° | 510.4 | 423.7 | 418.6 | 398.3 | 377.9 |
| 127.5° | 524.2 | 449.0 | 443.9 | 423.4 | 402.8 |
| 130° | 534.3 | 466.0 | 460.4 | 438.3 | 416.1 |
| 132.5° | 542.4 | 479.7 | 474.2 | 452.1 | 429.9 |
| 135° | 551.3 | 495.8 | 490.7 | 470.5 | 450.4 |
| 137.5° | 564.6 | 516.2 | 511.2 | 491.2 | 471.3 |
| 140° | 572.9 | 530.0 | 525.4 | 507.0 | 488.6 |
| 142.5° | 579.6 | 540.2 | 536.0 | 519.0 | 502.0 |
| 145° | 588.5 | 555.7 | 552.0 | 537.3 | 522.5 |
| 147.5° | 601.5 | 575.3 | 571.7 | 557.3 | 542.8 |
| 150° | 608.4 | 585.6 | 582.3 | 569.2 | 556.2 |
| 152.5° | 612.8 | 592.3 | 589.8 | 579.9 | 570.0 |
| 155° | 622.6 | 606.9 | 605.1 | 597.7 | 590.4 |
| 157.5° | 632.4 | 621.6 | 619.8 | 612.7 | 605.6 |
| 160° | 636.8 | 628.2 | 626.9 | 621.3 | 615.8 |
| 162.5° | 641.6 | 635.4 | 634.3 | 630.2 | 626.0 |
| 165° | 648.4 | 645.6 | 644.7 | 640.9 | 637.1 |
| 167.5° | 653.7 | 651.4 | 650.9 | 649.2 | 647.3 |
| 170° | 658.1 | 658.1 | 657.6 | 655.9 | 654.0 |
| 172.5° | 658.4 | 658.4 | 658.3 | 658.0 | 657.6 |
| 175° | 661.1 | 662.5 | 662.5 | 662.5 | 662.5 |
| 177.5° | 661.4 | 662.5 | 662.5 | 662.5 | 662.5 |
| 180° | 662.5 | 662.5 | 662.5 | 662.5 | 662.5 |



TEST NUMBER: P934742

CATALOG NUMBER: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-6-6500K

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 | 12.37 | 13.22 | 13.35 | 14.20 | 15.51 | 15.20 | 16.04 | 16.17 | 17.03 | 18.33 |
| | 3H | 12.85 | 13.60 | 13.84 | 14.60 | 15.93 | 16.54 | 17.29 | 17.53 | 18.29 | 19.62 |
| | 4H | 13.04 | 13.75 | 14.04 | 14.75 | 16.09 | 16.98 | 17.70 | 17.98 | 18.70 | 20.03 |
| | 6H | 13.16 | 13.81 | 14.17 | 14.82 | 16.17 | 17.26 | 17.92 | 18.28 | 18.93 | 20.27 |
| | 8H | 13.16 | 13.78 | 14.17 | 14.81 | 16.15 | 17.34 | 17.96 | 18.35 | 18.99 | 20.33 |
| | 12H | 13.13 | 13.72 | 14.15 | 14.74 | 16.11 | 17.37 | 17.97 | 18.40 | 18.99 | 20.35 |
| 4H | 2H | 13.40 | 14.12 | 14.41 | 15.12 | 16.45 | 15.60 | 16.32 | 16.61 | 17.32 | 18.65 |
| | 3H | 14.43 | 15.02 | 15.44 | 16.05 | 17.40 | 17.11 | 17.70 | 18.12 | 18.73 | 20.08 |
| | 4H | 14.70 | 15.25 | 15.73 | 16.27 | 17.64 | 17.63 | 18.18 | 18.66 | 19.20 | 20.57 |
| | 6H | 14.83 | 15.29 | 15.86 | 16.34 | 17.71 | 18.00 | 18.46 | 19.03 | 19.51 | 20.88 |
| | 8H | 14.83 | 15.27 | 15.87 | 16.31 | 17.69 | 18.10 | 18.54 | 19.14 | 19.58 | 20.96 |
| | 12H | 14.80 | 15.19 | 15.85 | 16.25 | 17.63 | 18.16 | 18.55 | 19.21 | 19.60 | 20.99 |
| 8H | 4H | 15.15 | 15.59 | 16.19 | 16.63 | 18.01 | 17.76 | 18.19 | 18.79 | 19.23 | 20.61 |
| | 6H | 15.41 | 15.78 | 16.47 | 16.86 | 18.23 | 18.19 | 18.55 | 19.25 | 19.63 | 21.01 |
| | 8H | 15.46 | 15.77 | 16.52 | 16.84 | 18.24 | 18.34 | 18.66 | 19.41 | 19.72 | 21.12 |
| | 12H | 15.44 | 15.72 | 16.51 | 16.78 | 18.22 | 18.44 | 18.72 | 19.51 | 19.78 | 21.22 |
| 12H | 4H | 15.16 | 15.55 | 16.21 | 16.61 | 17.99 | 17.72 | 18.11 | 18.77 | 19.17 | 20.55 |
| | 6H | 15.47 | 15.79 | 16.54 | 16.86 | 18.26 | 18.19 | 18.51 | 19.25 | 19.57 | 20.97 |
| | 8H | 15.54 | 15.82 | 16.61 | 16.88 | 18.32 | 18.35 | 18.63 | 19.42 | 19.69 | 21.13 |