

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: PORTFOLIO

Report Number: P248993

Luminaire Tested: **LD8B70D010 ER8B70835 8LBSW0MW**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P248993
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P13958)
Test Lab: INNOVATION CENTER-P1
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD8B70D010 ER8B70835 8LBSW0MW
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT
80 CRI 3500 CCT WITH MATTE WHITE TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7450.0 lumens
Efficiency: N/A
Efficacy: 98.2 lumens/watt
Spacing Criteria (0/90/45): 1.2 / 1.23 / 1.15
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

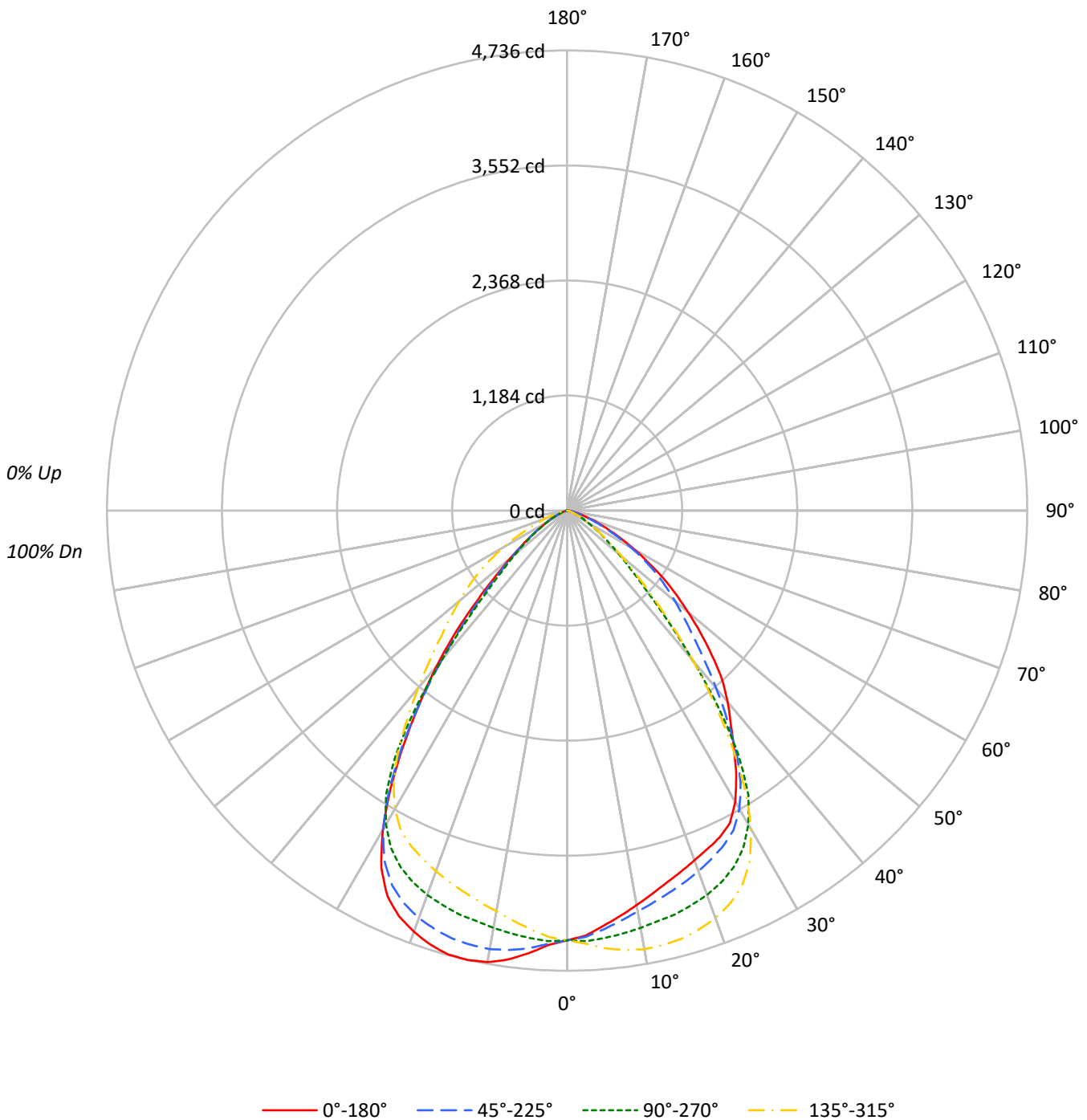
Input Watts (W): 75.9
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P248993

CATALOG NUMBER: LD8B70D010 ER8B70835 8LBSW0MW

Luminous Intensity Polar Plot





TEST NUMBER: P248993

CATALOG NUMBER: LD8B70D010 ER8B70835 8LBSW0MW

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 | 50 | 30 | 10 | 0 | | |
| RCR | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | | | | | 100 | | | |
| 1 | 112 | 109 | 106 | 103 | 109 | 106 | 104 | 101 | 102 | 100 | 98 | 99 | 97 | 95 | 95 | 94 | 92 | 90 | | | | | 90 | | | |
| 2 | 105 | 99 | 94 | 89 | 102 | 97 | 92 | 88 | 93 | 90 | 86 | 90 | 87 | 84 | 87 | 85 | 83 | 81 | | | | | 81 | | | |
| 3 | 98 | 90 | 83 | 78 | 95 | 88 | 82 | 78 | 85 | 80 | 76 | 83 | 79 | 75 | 80 | 77 | 74 | 72 | | | | | 72 | | | |
| 4 | 91 | 82 | 75 | 70 | 89 | 80 | 74 | 69 | 78 | 73 | 68 | 76 | 71 | 67 | 74 | 70 | 67 | 65 | | | | | 65 | | | |
| 5 | 85 | 75 | 68 | 62 | 83 | 74 | 67 | 62 | 72 | 66 | 61 | 70 | 65 | 61 | 68 | 64 | 60 | 58 | | | | | 58 | | | |
| 6 | 80 | 69 | 61 | 56 | 78 | 68 | 61 | 56 | 66 | 60 | 55 | 65 | 59 | 55 | 63 | 58 | 55 | 53 | | | | | 53 | | | |
| 7 | 75 | 63 | 56 | 51 | 73 | 63 | 56 | 51 | 61 | 55 | 50 | 60 | 54 | 50 | 59 | 54 | 50 | 48 | | | | | 48 | | | |
| 8 | 70 | 59 | 51 | 46 | 69 | 58 | 51 | 46 | 57 | 50 | 46 | 56 | 50 | 46 | 55 | 49 | 46 | 44 | | | | | 44 | | | |
| 9 | 66 | 54 | 47 | 42 | 65 | 54 | 47 | 42 | 53 | 47 | 42 | 52 | 46 | 42 | 51 | 46 | 42 | 40 | | | | | 40 | | | |
| 10 | 62 | 51 | 44 | 39 | 61 | 50 | 44 | 39 | 49 | 43 | 39 | 48 | 43 | 39 | 48 | 42 | 39 | 37 | | | | | 37 | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|--------|--------|--------|--------|
| 0° | 136383 | 136383 | 136383 | 136383 |
| 5° | 132762 | 136703 | 141584 | 136703 |
| 10° | 129087 | 136527 | 147752 | 136527 |
| 15° | 126509 | 137334 | 150985 | 137334 |
| 20° | 125650 | 138120 | 151374 | 138120 |
| 25° | 126308 | 137845 | 148941 | 137845 |
| 30° | 123185 | 132799 | 135184 | 132799 |
| 35° | 112677 | 115846 | 109914 | 115846 |
| 40° | 103449 | 80584 | 84151 | 80584 |
| 45° | 91919 | 49161 | 56884 | 49161 |
| 50° | 77802 | 32837 | 36469 | 32837 |
| 55° | 64439 | 22408 | 23682 | 22408 |
| 60° | 49147 | 14919 | 15048 | 14919 |
| 65° | 34826 | 9296 | 8508 | 9296 |
| 70° | 25118 | 6230 | 5653 | 6230 |
| 75° | 15953 | 3098 | 2573 | 3098 |
| 80° | 11134 | 2309 | 1918 | 2309 |
| 85° | 9942 | 0 | 743 | 0 |



TEST NUMBER: P248993

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 421.0 | 5.7 |
| 10°-20° | 1219.1 | 16.4 |
| 20°-30° | 1845.9 | 24.8 |
| 30°-40° | 1850.0 | 24.8 |
| 40°-50° | 1161.7 | 15.6 |
| 50°-60° | 619.1 | 8.3 |
| 60°-70° | 254.6 | 3.4 |
| 70°-80° | 67.3 | 0.9 |
| 80°-90° | 11.4 | 0.2 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-30° | 3485.9 | 46.8 |
| 0°-40° | 5336.0 | 71.6 |
| 0°-60° | 7116.8 | 95.5 |
| 0°-90° | 7450.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 7450.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 4423 | 4423 | 4423 | 4423 | 4423 | |
| 5° | 4289 | 4416 | 4574 | 4416 | 4289 | 404 |
| 15° | 3963 | 4302 | 4730 | 4302 | 3963 | 1121 |
| 25° | 3712 | 4051 | 4378 | 4051 | 3712 | 1703 |
| 35° | 2993 | 3077 | 2920 | 3077 | 2993 | 1875 |
| 45° | 2108 | 1127 | 1304 | 1127 | 2108 | 1621 |
| 55° | 1199 | 417 | 440 | 417 | 1199 | 1069 |
| 65° | 477 | 127 | 117 | 127 | 477 | 495 |
| 75° | 134 | 26 | 22 | 26 | 134 | 152 |
| 85° | 28 | 0 | 2 | 0 | 28 | 31 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P248993

CATALOG NUMBER: LD8B70D010 ER8B70835 8LBSW0MW

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 |
| 2.5° | 4377.5 | 4373.1 | 4371.0 | 4375.4 | 4377.5 | 4386.1 | 4384.0 | 4388.3 | 4388.3 | 4390.5 | 4394.7 |
| 5° | 4289.0 | 4286.7 | 4289.0 | 4289.0 | 4297.6 | 4306.2 | 4304.1 | 4310.6 | 4314.8 | 4325.7 | 4329.9 |
| 7.5° | 4206.9 | 4206.9 | 4204.7 | 4213.3 | 4217.7 | 4230.6 | 4228.4 | 4239.3 | 4245.8 | 4256.5 | 4271.6 |
| 10° | 4122.6 | 4122.6 | 4124.8 | 4131.3 | 4133.5 | 4152.9 | 4152.9 | 4168.0 | 4176.6 | 4187.4 | 4206.9 |
| 12.5° | 4040.6 | 4040.6 | 4053.6 | 4049.2 | 4057.8 | 4073.0 | 4079.4 | 4094.6 | 4107.5 | 4129.1 | 4148.6 |
| 15° | 3962.8 | 3962.8 | 3967.2 | 3977.9 | 3984.4 | 4003.9 | 4014.6 | 4032.0 | 4047.1 | 4068.7 | 4096.8 |
| 17.5° | 3895.9 | 3893.8 | 3895.9 | 3908.9 | 3921.8 | 3939.1 | 3947.7 | 3969.3 | 3984.4 | 4012.5 | 4038.5 |
| 20° | 3829.0 | 3833.3 | 3833.3 | 3844.1 | 3852.7 | 3874.3 | 3882.9 | 3906.7 | 3924.0 | 3949.8 | 3980.2 |
| 22.5° | 3770.6 | 3768.5 | 3768.5 | 3783.6 | 3790.1 | 3809.5 | 3818.1 | 3839.7 | 3859.2 | 3880.8 | 3908.9 |
| 25° | 3712.3 | 3708.0 | 3716.7 | 3718.8 | 3723.1 | 3744.7 | 3751.2 | 3766.3 | 3785.8 | 3805.2 | 3833.3 |
| 27.5° | 3625.9 | 3621.7 | 3623.8 | 3632.4 | 3638.9 | 3656.1 | 3660.5 | 3675.6 | 3690.7 | 3708.0 | 3731.8 |
| 30° | 3459.6 | 3455.3 | 3453.2 | 3468.3 | 3474.8 | 3487.7 | 3494.2 | 3520.1 | 3524.4 | 3543.9 | 3561.1 |
| 32.5° | 3239.3 | 3237.2 | 3241.6 | 3254.5 | 3260.9 | 3278.3 | 3286.9 | 3302.0 | 3312.8 | 3323.6 | 3340.9 |
| 35° | 2993.2 | 2988.8 | 2993.2 | 3006.2 | 3006.2 | 3021.3 | 3027.8 | 3034.2 | 3032.1 | 3034.2 | 3029.9 |
| 37.5° | 2764.3 | 2762.1 | 2764.3 | 2770.7 | 2764.3 | 2770.7 | 2764.3 | 2751.3 | 2727.6 | 2701.6 | 2675.7 |
| 40° | 2569.9 | 2572.0 | 2559.2 | 2567.8 | 2544.0 | 2539.7 | 2516.0 | 2483.5 | 2436.0 | 2384.2 | 2310.8 |
| 42.5° | 2362.6 | 2356.1 | 2347.5 | 2351.8 | 2332.4 | 2317.2 | 2278.3 | 2237.4 | 2176.8 | 2090.5 | 2001.9 |
| 45° | 2107.8 | 2105.6 | 2101.3 | 2099.1 | 2086.2 | 2071.1 | 2038.6 | 1991.1 | 1924.2 | 1835.7 | 1729.8 |
| 47.5° | 1859.4 | 1852.9 | 1852.9 | 1855.1 | 1839.9 | 1837.8 | 1811.9 | 1770.9 | 1712.6 | 1626.2 | 1516.0 |
| 50° | 1621.8 | 1619.7 | 1624.0 | 1632.6 | 1621.8 | 1617.5 | 1600.3 | 1572.2 | 1520.4 | 1447.0 | 1343.2 |
| 52.5° | 1408.0 | 1405.9 | 1410.2 | 1421.0 | 1416.6 | 1421.0 | 1403.8 | 1382.2 | 1347.6 | 1276.3 | 1185.6 |
| 55° | 1198.6 | 1198.6 | 1198.6 | 1211.5 | 1211.5 | 1211.5 | 1202.9 | 1190.0 | 1157.5 | 1105.7 | 1021.5 |
| 57.5° | 980.5 | 982.6 | 995.6 | 997.7 | 995.6 | 999.9 | 997.7 | 984.7 | 963.2 | 926.5 | 861.7 |
| 60° | 796.9 | 796.9 | 803.4 | 809.9 | 807.7 | 809.9 | 809.9 | 803.4 | 781.8 | 751.6 | 699.7 |
| 62.5° | 630.6 | 637.1 | 632.7 | 637.1 | 645.7 | 637.1 | 632.7 | 628.5 | 613.3 | 593.9 | 550.7 |
| 65° | 477.3 | 481.6 | 481.6 | 483.7 | 479.4 | 481.6 | 473.0 | 466.5 | 457.9 | 436.3 | 408.2 |
| 67.5° | 362.9 | 362.9 | 362.9 | 362.9 | 360.6 | 358.5 | 356.4 | 349.9 | 334.8 | 326.1 | 295.8 |
| 70° | 278.6 | 265.6 | 265.6 | 265.6 | 265.6 | 267.8 | 261.3 | 252.7 | 248.4 | 233.2 | 211.6 |
| 72.5° | 185.7 | 190.0 | 185.7 | 185.7 | 181.4 | 183.6 | 174.9 | 170.6 | 166.3 | 157.7 | 144.7 |
| 75° | 133.9 | 123.1 | 127.4 | 129.6 | 123.1 | 127.4 | 118.8 | 110.1 | 110.1 | 103.6 | 97.2 |
| 77.5° | 86.4 | 84.3 | 86.4 | 88.5 | 86.4 | 84.3 | 79.9 | 75.6 | 75.6 | 73.4 | 66.9 |
| 80° | 62.7 | 60.4 | 60.4 | 60.4 | 58.3 | 60.4 | 56.2 | 56.2 | 51.8 | 49.7 | 45.3 |
| 82.5° | 41.1 | 41.1 | 38.8 | 41.1 | 38.8 | 41.1 | 34.6 | 34.6 | 34.6 | 32.4 | 28.1 |
| 85° | 28.1 | 23.7 | 23.7 | 26.0 | 21.6 | 26.0 | 23.7 | 21.6 | 19.5 | 19.5 | 17.2 |
| 87.5° | 13.0 | 15.1 | 13.0 | 15.1 | 13.0 | 13.0 | 15.1 | 13.0 | 13.0 | 8.6 | 8.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248993

CATALOG NUMBER: LD8B70D010 ER8B70835 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 |
| 2.5° | 4401.2 | 4403.4 | 4403.4 | 4412.1 | 4416.3 | 4418.5 | 4418.5 | 4435.8 | 4429.3 | 4433.7 | 4437.9 |
| 5° | 4338.6 | 4351.5 | 4355.9 | 4355.9 | 4379.6 | 4388.3 | 4396.9 | 4416.3 | 4418.5 | 4431.5 | 4446.6 |
| 7.5° | 4278.1 | 4293.2 | 4301.9 | 4321.3 | 4336.4 | 4351.5 | 4377.5 | 4390.5 | 4403.4 | 4420.7 | 4440.1 |
| 10° | 4219.8 | 4237.1 | 4254.4 | 4269.5 | 4293.2 | 4312.7 | 4329.9 | 4360.2 | 4375.4 | 4399.1 | 4425.0 |
| 12.5° | 4163.7 | 4187.4 | 4202.6 | 4228.4 | 4254.4 | 4271.6 | 4297.6 | 4325.7 | 4349.4 | 4373.1 | 4403.4 |
| 15° | 4114.0 | 4142.1 | 4159.4 | 4187.4 | 4215.5 | 4239.3 | 4267.4 | 4301.9 | 4319.2 | 4347.3 | 4375.4 |
| 17.5° | 4060.0 | 4090.3 | 4111.9 | 4137.8 | 4172.3 | 4198.2 | 4222.0 | 4256.5 | 4278.1 | 4308.3 | 4340.8 |
| 20° | 4003.9 | 4034.1 | 4060.0 | 4085.9 | 4120.5 | 4146.4 | 4174.5 | 4209.0 | 4232.8 | 4263.0 | 4289.0 |
| 22.5° | 3937.0 | 3965.0 | 3993.0 | 4023.3 | 4057.8 | 4079.4 | 4111.9 | 4142.1 | 4168.0 | 4196.1 | 4222.0 |
| 25° | 3850.6 | 3885.1 | 3906.7 | 3934.7 | 3962.8 | 3986.6 | 4021.1 | 4051.4 | 4073.0 | 4098.9 | 4122.6 |
| 27.5° | 3749.0 | 3775.0 | 3792.2 | 3816.0 | 3844.1 | 3865.7 | 3891.5 | 3921.8 | 3943.4 | 3967.2 | 3984.4 |
| 30° | 3576.2 | 3600.1 | 3615.2 | 3632.4 | 3660.5 | 3680.0 | 3701.6 | 3729.6 | 3744.7 | 3762.0 | 3777.1 |
| 32.5° | 3349.5 | 3368.9 | 3377.6 | 3390.5 | 3410.0 | 3429.4 | 3446.7 | 3470.5 | 3476.9 | 3487.7 | 3487.7 |
| 35° | 3021.3 | 3025.6 | 3023.4 | 3027.8 | 3036.4 | 3047.2 | 3062.3 | 3077.4 | 3086.0 | 3086.0 | 3079.6 |
| 37.5° | 2636.8 | 2611.0 | 2582.9 | 2561.3 | 2554.8 | 2550.4 | 2559.2 | 2565.6 | 2574.3 | 2578.5 | 2567.8 |
| 40° | 2237.4 | 2179.1 | 2116.4 | 2060.2 | 2021.4 | 2004.1 | 1997.6 | 2001.9 | 2001.9 | 2017.0 | 2017.0 |
| 42.5° | 1894.0 | 1803.2 | 1710.4 | 1626.2 | 1570.0 | 1526.9 | 1507.4 | 1507.4 | 1509.5 | 1520.4 | 1526.9 |
| 45° | 1608.9 | 1494.4 | 1386.4 | 1293.6 | 1215.8 | 1159.7 | 1133.8 | 1127.3 | 1125.2 | 1129.4 | 1144.6 |
| 47.5° | 1390.8 | 1272.0 | 1159.7 | 1045.3 | 963.2 | 907.0 | 883.3 | 874.6 | 866.0 | 874.6 | 876.8 |
| 50° | 1220.2 | 1097.1 | 978.3 | 863.8 | 777.4 | 727.7 | 697.5 | 684.5 | 682.4 | 682.4 | 686.8 |
| 52.5° | 1064.6 | 950.2 | 831.5 | 714.9 | 624.1 | 576.6 | 548.5 | 542.1 | 533.4 | 542.1 | 542.1 |
| 55° | 917.8 | 803.4 | 686.8 | 576.6 | 501.0 | 451.4 | 425.4 | 416.8 | 412.5 | 418.9 | 418.9 |
| 57.5° | 758.1 | 660.8 | 552.9 | 453.5 | 378.0 | 343.4 | 323.9 | 313.2 | 310.9 | 315.3 | 310.9 |
| 60° | 622.0 | 539.9 | 447.0 | 356.4 | 298.0 | 261.3 | 246.2 | 241.9 | 237.5 | 241.9 | 241.9 |
| 62.5° | 492.4 | 423.3 | 347.7 | 278.6 | 228.9 | 203.0 | 185.7 | 185.7 | 183.6 | 183.6 | 185.7 |
| 65° | 365.0 | 310.9 | 257.0 | 198.7 | 159.8 | 140.4 | 127.4 | 127.4 | 125.2 | 127.4 | 125.2 |
| 67.5° | 265.6 | 228.9 | 185.7 | 144.7 | 114.5 | 103.6 | 95.0 | 88.5 | 92.9 | 88.5 | 86.4 |
| 70° | 194.4 | 164.1 | 133.9 | 110.1 | 88.5 | 77.8 | 71.3 | 69.1 | 64.8 | 64.8 | 64.8 |
| 72.5° | 129.6 | 110.1 | 90.7 | 71.3 | 58.3 | 47.5 | 45.3 | 41.1 | 36.7 | 38.8 | 43.2 |
| 75° | 86.4 | 73.4 | 64.8 | 51.8 | 38.8 | 38.8 | 26.0 | 26.0 | 21.6 | 26.0 | 19.5 |
| 77.5° | 60.4 | 49.7 | 38.8 | 32.4 | 26.0 | 23.7 | 17.2 | 17.2 | 15.1 | 15.1 | 15.1 |
| 80° | 43.2 | 36.7 | 28.1 | 23.7 | 17.2 | 17.2 | 15.1 | 13.0 | 10.8 | 10.8 | 13.0 |
| 82.5° | 26.0 | 19.5 | 19.5 | 17.2 | 10.8 | 8.6 | 6.5 | 8.6 | 4.4 | 4.4 | 4.4 |
| 85° | 15.1 | 13.0 | 10.8 | 6.5 | 4.4 | 4.4 | 2.1 | 0.0 | 2.1 | 2.1 | 0.0 |
| 87.5° | 8.6 | 4.4 | 4.4 | 2.1 | 0.0 | 2.1 | 2.1 | 0.0 | 0.0 | 0.0 | 4.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248993

CATALOG NUMBER: LD8B70D010 ER8B70835 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 |
| 2.5° | 4448.8 | 4446.6 | 4450.9 | 4450.9 | 4463.9 | 4461.7 | 4468.2 | 4468.2 | 4463.9 | 4466.0 | 4474.7 |
| 5° | 4463.9 | 4470.4 | 4483.3 | 4494.1 | 4513.5 | 4522.2 | 4533.0 | 4543.8 | 4545.9 | 4552.4 | 4558.9 |
| 7.5° | 4463.9 | 4485.5 | 4500.6 | 4520.0 | 4545.9 | 4561.1 | 4584.8 | 4604.3 | 4612.9 | 4623.6 | 4636.6 |
| 10° | 4455.2 | 4476.8 | 4504.9 | 4526.5 | 4558.9 | 4582.7 | 4606.4 | 4636.6 | 4649.6 | 4666.8 | 4684.2 |
| 12.5° | 4437.9 | 4461.7 | 4491.9 | 4520.0 | 4556.7 | 4578.3 | 4608.5 | 4636.6 | 4656.1 | 4679.8 | 4699.3 |
| 15° | 4412.1 | 4440.1 | 4468.2 | 4496.3 | 4535.1 | 4561.1 | 4589.1 | 4621.5 | 4641.0 | 4666.8 | 4684.2 |
| 17.5° | 4371.0 | 4401.2 | 4427.2 | 4453.1 | 4489.8 | 4520.0 | 4545.9 | 4576.2 | 4595.6 | 4617.2 | 4641.0 |
| 20° | 4321.3 | 4349.4 | 4377.5 | 4399.1 | 4435.8 | 4461.7 | 4489.8 | 4517.9 | 4533.0 | 4537.3 | 4574.0 |
| 22.5° | 4258.7 | 4278.1 | 4299.7 | 4334.3 | 4355.9 | 4379.6 | 4405.6 | 4431.5 | 4446.6 | 4470.4 | 4483.3 |
| 25° | 4155.0 | 4174.5 | 4198.2 | 4213.3 | 4239.3 | 4258.7 | 4284.6 | 4312.7 | 4321.3 | 4338.6 | 4351.5 |
| 27.5° | 4010.4 | 4021.1 | 4032.0 | 4044.9 | 4060.0 | 4070.8 | 4085.9 | 4098.9 | 4107.5 | 4116.2 | 4124.8 |
| 30° | 3781.4 | 3781.4 | 3781.4 | 3772.8 | 3779.3 | 3785.8 | 3787.9 | 3785.8 | 3785.8 | 3783.6 | 3783.6 |
| 32.5° | 3479.1 | 3461.8 | 3442.4 | 3425.1 | 3418.6 | 3410.0 | 3405.7 | 3399.2 | 3388.4 | 3381.9 | 3384.1 |
| 35° | 3070.9 | 3032.1 | 3008.3 | 2986.7 | 2969.5 | 2956.5 | 2950.0 | 2943.5 | 2941.4 | 2932.8 | 2924.0 |
| 37.5° | 2561.3 | 2533.2 | 2516.0 | 2503.0 | 2487.9 | 2474.9 | 2477.0 | 2479.2 | 2485.6 | 2481.4 | 2483.5 |
| 40° | 2021.4 | 2014.9 | 2021.4 | 2006.3 | 2001.9 | 2006.3 | 2017.0 | 2032.2 | 2040.8 | 2049.5 | 2064.6 |
| 42.5° | 1537.6 | 1548.4 | 1563.6 | 1563.6 | 1570.0 | 1578.7 | 1591.6 | 1615.4 | 1628.3 | 1643.4 | 1660.7 |
| 45° | 1157.5 | 1170.5 | 1190.0 | 1196.4 | 1200.7 | 1211.5 | 1226.7 | 1246.1 | 1254.7 | 1267.7 | 1282.8 |
| 47.5° | 891.9 | 900.5 | 911.3 | 922.1 | 932.9 | 937.3 | 952.4 | 952.4 | 963.2 | 971.8 | 976.1 |
| 50° | 695.4 | 704.0 | 712.6 | 719.1 | 723.5 | 730.0 | 734.2 | 740.7 | 742.9 | 747.2 | 749.3 |
| 52.5° | 544.2 | 555.0 | 555.0 | 559.3 | 565.8 | 572.3 | 570.1 | 572.3 | 574.4 | 574.4 | 580.9 |
| 55° | 425.4 | 425.4 | 431.9 | 431.9 | 436.3 | 434.1 | 436.3 | 436.3 | 436.3 | 436.3 | 438.4 |
| 57.5° | 317.4 | 319.6 | 326.1 | 321.8 | 319.6 | 323.9 | 319.6 | 323.9 | 321.8 | 326.1 | 319.6 |
| 60° | 244.0 | 244.0 | 246.2 | 246.2 | 248.4 | 248.4 | 248.4 | 246.2 | 246.2 | 244.0 | 244.0 |
| 62.5° | 183.6 | 185.7 | 187.9 | 185.7 | 185.7 | 185.7 | 183.6 | 183.6 | 181.4 | 179.2 | 179.2 |
| 65° | 123.1 | 121.0 | 125.2 | 121.0 | 123.1 | 123.1 | 121.0 | 123.1 | 116.6 | 118.8 | 116.6 |
| 67.5° | 88.5 | 86.4 | 84.3 | 86.4 | 84.3 | 82.0 | 82.0 | 84.3 | 86.4 | 79.9 | 79.9 |
| 70° | 58.3 | 60.4 | 58.3 | 60.4 | 62.7 | 62.7 | 60.4 | 58.3 | 60.4 | 56.2 | 58.3 |
| 72.5° | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 38.8 | 38.8 | 38.8 | 34.6 | 34.6 | 32.4 |
| 75° | 17.2 | 23.7 | 19.5 | 17.2 | 23.7 | 23.7 | 21.6 | 21.6 | 19.5 | 19.5 | 19.5 |
| 77.5° | 17.2 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 10.8 | 13.0 | 10.8 |
| 80° | 8.6 | 8.6 | 8.6 | 6.5 | 8.6 | 8.6 | 10.8 | 8.6 | 8.6 | 6.5 | 10.8 |
| 82.5° | 4.4 | 4.4 | 4.4 | 0.0 | 2.1 | 4.4 | 4.4 | 2.1 | 4.4 | 4.4 | 2.1 |
| 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° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248993

CATALOG NUMBER: LD8B70D010 ER8B70835 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 |
| 2.5° | 4472.5 | 4470.4 | 4472.5 | 4474.7 | 4472.5 | 4470.4 | 4472.5 | 4474.7 | 4466.0 | 4463.9 | 4468.2 |
| 5° | 4567.5 | 4567.5 | 4571.8 | 4574.0 | 4571.8 | 4567.5 | 4567.5 | 4558.9 | 4552.4 | 4545.9 | 4543.8 |
| 7.5° | 4649.6 | 4653.9 | 4658.2 | 4660.3 | 4658.2 | 4653.9 | 4649.6 | 4636.6 | 4623.6 | 4612.9 | 4604.3 |
| 10° | 4699.3 | 4705.8 | 4714.4 | 4718.7 | 4714.4 | 4705.8 | 4699.3 | 4684.2 | 4666.8 | 4649.6 | 4636.6 |
| 12.5° | 4720.9 | 4727.4 | 4738.1 | 4736.0 | 4738.1 | 4727.4 | 4720.9 | 4699.3 | 4679.8 | 4656.1 | 4636.6 |
| 15° | 4705.8 | 4714.4 | 4725.1 | 4729.5 | 4725.1 | 4714.4 | 4705.8 | 4684.2 | 4666.8 | 4641.0 | 4621.5 |
| 17.5° | 4658.2 | 4671.2 | 4677.7 | 4684.2 | 4677.7 | 4671.2 | 4658.2 | 4641.0 | 4617.2 | 4595.6 | 4576.2 |
| 20° | 4593.4 | 4602.1 | 4610.7 | 4612.9 | 4610.7 | 4602.1 | 4593.4 | 4574.0 | 4537.3 | 4533.0 | 4517.9 |
| 22.5° | 4500.6 | 4507.1 | 4526.5 | 4520.0 | 4526.5 | 4507.1 | 4500.6 | 4483.3 | 4470.4 | 4446.6 | 4431.5 |
| 25° | 4366.7 | 4373.1 | 4375.4 | 4377.5 | 4375.4 | 4373.1 | 4366.7 | 4351.5 | 4338.6 | 4321.3 | 4312.7 |
| 27.5° | 4135.6 | 4135.6 | 4139.9 | 4142.1 | 4139.9 | 4135.6 | 4135.6 | 4124.8 | 4116.2 | 4107.5 | 4098.9 |
| 30° | 3785.8 | 3785.8 | 3785.8 | 3796.6 | 3785.8 | 3785.8 | 3785.8 | 3783.6 | 3783.6 | 3785.8 | 3785.8 |
| 32.5° | 3381.9 | 3377.6 | 3373.3 | 3377.6 | 3373.3 | 3377.6 | 3381.9 | 3384.1 | 3381.9 | 3388.4 | 3399.2 |
| 35° | 2924.0 | 2921.9 | 2928.4 | 2919.8 | 2928.4 | 2921.9 | 2924.0 | 2924.0 | 2932.8 | 2941.4 | 2943.5 |
| 37.5° | 2485.6 | 2481.4 | 2490.0 | 2481.4 | 2490.0 | 2481.4 | 2485.6 | 2483.5 | 2481.4 | 2485.6 | 2479.2 |
| 40° | 2068.9 | 2073.2 | 2073.2 | 2090.5 | 2073.2 | 2073.2 | 2068.9 | 2064.6 | 2049.5 | 2040.8 | 2032.2 |
| 42.5° | 1669.4 | 1682.3 | 1678.0 | 1691.0 | 1678.0 | 1682.3 | 1669.4 | 1660.7 | 1643.4 | 1628.3 | 1615.4 |
| 45° | 1291.4 | 1300.1 | 1300.1 | 1304.4 | 1300.1 | 1300.1 | 1291.4 | 1282.8 | 1267.7 | 1254.7 | 1246.1 |
| 47.5° | 991.2 | 991.2 | 991.2 | 993.4 | 991.2 | 991.2 | 991.2 | 976.1 | 971.8 | 963.2 | 952.4 |
| 50° | 753.7 | 755.8 | 758.1 | 760.2 | 758.1 | 755.8 | 753.7 | 749.3 | 747.2 | 742.9 | 740.7 |
| 52.5° | 578.8 | 580.9 | 576.6 | 580.9 | 576.6 | 580.9 | 578.8 | 580.9 | 574.4 | 574.4 | 572.3 |
| 55° | 438.4 | 436.3 | 438.4 | 440.5 | 438.4 | 436.3 | 438.4 | 438.4 | 436.3 | 436.3 | 436.3 |
| 57.5° | 321.8 | 317.4 | 317.4 | 317.4 | 317.4 | 317.4 | 321.8 | 319.6 | 326.1 | 321.8 | 323.9 |
| 60° | 239.7 | 241.9 | 241.9 | 244.0 | 241.9 | 241.9 | 239.7 | 244.0 | 244.0 | 246.2 | 246.2 |
| 62.5° | 177.1 | 183.6 | 179.2 | 183.6 | 179.2 | 183.6 | 177.1 | 179.2 | 179.2 | 181.4 | 183.6 |
| 65° | 114.5 | 114.5 | 114.5 | 116.6 | 114.5 | 114.5 | 114.5 | 116.6 | 118.8 | 116.6 | 123.1 |
| 67.5° | 77.8 | 79.9 | 84.3 | 82.0 | 84.3 | 79.9 | 77.8 | 79.9 | 79.9 | 86.4 | 84.3 |
| 70° | 62.7 | 56.2 | 56.2 | 62.7 | 56.2 | 56.2 | 62.7 | 58.3 | 56.2 | 60.4 | 58.3 |
| 72.5° | 36.7 | 32.4 | 36.7 | 36.7 | 36.7 | 32.4 | 36.7 | 32.4 | 34.6 | 34.6 | 38.8 |
| 75° | 19.5 | 17.2 | 15.1 | 21.6 | 15.1 | 17.2 | 19.5 | 19.5 | 19.5 | 19.5 | 21.6 |
| 77.5° | 13.0 | 10.8 | 15.1 | 15.1 | 15.1 | 10.8 | 13.0 | 10.8 | 13.0 | 10.8 | 13.0 |
| 80° | 6.5 | 8.6 | 6.5 | 10.8 | 6.5 | 8.6 | 6.5 | 10.8 | 6.5 | 8.6 | 8.6 |
| 82.5° | 2.1 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 2.1 | 2.1 | 4.4 | 4.4 | 2.1 |
| 85° | 0.0 | 4.4 | 2.1 | 2.1 | 2.1 | 4.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 2.1 | 0.0 | 0.0 | 2.1 | 0.0 | 0.0 | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248993

CATALOG NUMBER: LD8B70D010 ER8B70835 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 |
| 2.5° | 4468.2 | 4461.7 | 4463.9 | 4450.9 | 4450.9 | 4446.6 | 4448.8 | 4437.9 | 4433.7 | 4429.3 | 4435.8 |
| 5° | 4533.0 | 4522.2 | 4513.5 | 4494.1 | 4483.3 | 4470.4 | 4463.9 | 4446.6 | 4431.5 | 4418.5 | 4416.3 |
| 7.5° | 4584.8 | 4561.1 | 4545.9 | 4520.0 | 4500.6 | 4485.5 | 4463.9 | 4440.1 | 4420.7 | 4403.4 | 4390.5 |
| 10° | 4606.4 | 4582.7 | 4558.9 | 4526.5 | 4504.9 | 4476.8 | 4455.2 | 4425.0 | 4399.1 | 4375.4 | 4360.2 |
| 12.5° | 4608.5 | 4578.3 | 4556.7 | 4520.0 | 4491.9 | 4461.7 | 4437.9 | 4403.4 | 4373.1 | 4349.4 | 4325.7 |
| 15° | 4589.1 | 4561.1 | 4535.1 | 4496.3 | 4468.2 | 4440.1 | 4412.1 | 4375.4 | 4347.3 | 4319.2 | 4301.9 |
| 17.5° | 4545.9 | 4520.0 | 4489.8 | 4453.1 | 4427.2 | 4401.2 | 4371.0 | 4340.8 | 4308.3 | 4278.1 | 4256.5 |
| 20° | 4489.8 | 4461.7 | 4435.8 | 4399.1 | 4377.5 | 4349.4 | 4321.3 | 4289.0 | 4263.0 | 4232.8 | 4209.0 |
| 22.5° | 4405.6 | 4379.6 | 4355.9 | 4334.3 | 4299.7 | 4278.1 | 4258.7 | 4222.0 | 4196.1 | 4168.0 | 4142.1 |
| 25° | 4284.6 | 4258.7 | 4239.3 | 4213.3 | 4198.2 | 4174.5 | 4155.0 | 4122.6 | 4098.9 | 4073.0 | 4051.4 |
| 27.5° | 4085.9 | 4070.8 | 4060.0 | 4044.9 | 4032.0 | 4021.1 | 4010.4 | 3984.4 | 3967.2 | 3943.4 | 3921.8 |
| 30° | 3787.9 | 3785.8 | 3779.3 | 3772.8 | 3781.4 | 3781.4 | 3781.4 | 3777.1 | 3762.0 | 3744.7 | 3729.6 |
| 32.5° | 3405.7 | 3410.0 | 3418.6 | 3425.1 | 3442.4 | 3461.8 | 3479.1 | 3487.7 | 3487.7 | 3476.9 | 3470.5 |
| 35° | 2950.0 | 2956.5 | 2969.5 | 2986.7 | 3008.3 | 3032.1 | 3070.9 | 3079.6 | 3086.0 | 3086.0 | 3077.4 |
| 37.5° | 2477.0 | 2474.9 | 2487.9 | 2503.0 | 2516.0 | 2533.2 | 2561.3 | 2567.8 | 2578.5 | 2574.3 | 2565.6 |
| 40° | 2017.0 | 2006.3 | 2001.9 | 2006.3 | 2021.4 | 2014.9 | 2021.4 | 2017.0 | 2017.0 | 2001.9 | 2001.9 |
| 42.5° | 1591.6 | 1578.7 | 1570.0 | 1563.6 | 1563.6 | 1548.4 | 1537.6 | 1526.9 | 1520.4 | 1509.5 | 1507.4 |
| 45° | 1226.7 | 1211.5 | 1200.7 | 1196.4 | 1190.0 | 1170.5 | 1157.5 | 1144.6 | 1129.4 | 1125.2 | 1127.3 |
| 47.5° | 952.4 | 937.3 | 932.9 | 922.1 | 911.3 | 900.5 | 891.9 | 876.8 | 874.6 | 866.0 | 874.6 |
| 50° | 734.2 | 730.0 | 723.5 | 719.1 | 712.6 | 704.0 | 695.4 | 686.8 | 682.4 | 682.4 | 684.5 |
| 52.5° | 570.1 | 572.3 | 565.8 | 559.3 | 555.0 | 555.0 | 544.2 | 542.1 | 542.1 | 533.4 | 542.1 |
| 55° | 436.3 | 434.1 | 436.3 | 431.9 | 431.9 | 425.4 | 425.4 | 418.9 | 418.9 | 412.5 | 416.8 |
| 57.5° | 319.6 | 323.9 | 319.6 | 321.8 | 326.1 | 319.6 | 317.4 | 310.9 | 315.3 | 310.9 | 313.2 |
| 60° | 248.4 | 248.4 | 248.4 | 246.2 | 246.2 | 244.0 | 244.0 | 241.9 | 241.9 | 237.5 | 241.9 |
| 62.5° | 183.6 | 185.7 | 185.7 | 185.7 | 187.9 | 185.7 | 183.6 | 185.7 | 183.6 | 183.6 | 185.7 |
| 65° | 121.0 | 123.1 | 123.1 | 121.0 | 125.2 | 121.0 | 123.1 | 125.2 | 127.4 | 125.2 | 127.4 |
| 67.5° | 82.0 | 82.0 | 84.3 | 86.4 | 84.3 | 86.4 | 88.5 | 86.4 | 88.5 | 92.9 | 88.5 |
| 70° | 60.4 | 62.7 | 62.7 | 60.4 | 58.3 | 60.4 | 58.3 | 64.8 | 64.8 | 64.8 | 69.1 |
| 72.5° | 38.8 | 38.8 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 43.2 | 38.8 | 36.7 | 41.1 |
| 75° | 21.6 | 23.7 | 23.7 | 17.2 | 19.5 | 23.7 | 17.2 | 19.5 | 26.0 | 21.6 | 26.0 |
| 77.5° | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 17.2 | 15.1 | 15.1 | 15.1 | 17.2 |
| 80° | 10.8 | 8.6 | 8.6 | 6.5 | 8.6 | 8.6 | 8.6 | 13.0 | 10.8 | 10.8 | 13.0 |
| 82.5° | 4.4 | 4.4 | 2.1 | 0.0 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 8.6 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 2.1 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.4 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248993

CATALOG NUMBER: LD8B70D010 ER8B70835 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 |
| 2.5° | 4418.5 | 4418.5 | 4416.3 | 4412.1 | 4403.4 | 4403.4 | 4401.2 | 4394.7 | 4390.5 | 4388.3 | 4388.3 |
| 5° | 4396.9 | 4388.3 | 4379.6 | 4355.9 | 4355.9 | 4351.5 | 4338.6 | 4329.9 | 4325.7 | 4314.8 | 4310.6 |
| 7.5° | 4377.5 | 4351.5 | 4336.4 | 4321.3 | 4301.9 | 4293.2 | 4278.1 | 4271.6 | 4256.5 | 4245.8 | 4239.3 |
| 10° | 4329.9 | 4312.7 | 4293.2 | 4269.5 | 4254.4 | 4237.1 | 4219.8 | 4206.9 | 4187.4 | 4176.6 | 4168.0 |
| 12.5° | 4297.6 | 4271.6 | 4254.4 | 4228.4 | 4202.6 | 4187.4 | 4163.7 | 4148.6 | 4129.1 | 4107.5 | 4094.6 |
| 15° | 4267.4 | 4239.3 | 4215.5 | 4187.4 | 4159.4 | 4142.1 | 4114.0 | 4096.8 | 4068.7 | 4047.1 | 4032.0 |
| 17.5° | 4222.0 | 4198.2 | 4172.3 | 4137.8 | 4111.9 | 4090.3 | 4060.0 | 4038.5 | 4012.5 | 3984.4 | 3969.3 |
| 20° | 4174.5 | 4146.4 | 4120.5 | 4085.9 | 4060.0 | 4034.1 | 4003.9 | 3980.2 | 3949.8 | 3924.0 | 3906.7 |
| 22.5° | 4111.9 | 4079.4 | 4057.8 | 4023.3 | 3993.0 | 3965.0 | 3937.0 | 3908.9 | 3880.8 | 3859.2 | 3839.7 |
| 25° | 4021.1 | 3986.6 | 3962.8 | 3934.7 | 3906.7 | 3885.1 | 3850.6 | 3833.3 | 3805.2 | 3785.8 | 3766.3 |
| 27.5° | 3891.5 | 3865.7 | 3844.1 | 3816.0 | 3792.2 | 3775.0 | 3749.0 | 3731.8 | 3708.0 | 3690.7 | 3675.6 |
| 30° | 3701.6 | 3680.0 | 3660.5 | 3632.4 | 3615.2 | 3600.1 | 3576.2 | 3561.1 | 3543.9 | 3524.4 | 3520.1 |
| 32.5° | 3446.7 | 3429.4 | 3410.0 | 3390.5 | 3377.6 | 3368.9 | 3349.5 | 3340.9 | 3323.6 | 3312.8 | 3302.0 |
| 35° | 3062.3 | 3047.2 | 3036.4 | 3027.8 | 3023.4 | 3025.6 | 3021.3 | 3029.9 | 3034.2 | 3032.1 | 3034.2 |
| 37.5° | 2559.2 | 2550.4 | 2554.8 | 2561.3 | 2582.9 | 2611.0 | 2636.8 | 2675.7 | 2701.6 | 2727.6 | 2751.3 |
| 40° | 1997.6 | 2004.1 | 2021.4 | 2060.2 | 2116.4 | 2179.1 | 2237.4 | 2310.8 | 2384.2 | 2436.0 | 2483.5 |
| 42.5° | 1507.4 | 1526.9 | 1570.0 | 1626.2 | 1710.4 | 1803.2 | 1894.0 | 2001.9 | 2090.5 | 2176.8 | 2237.4 |
| 45° | 1133.8 | 1159.7 | 1215.8 | 1293.6 | 1386.4 | 1494.4 | 1608.9 | 1729.8 | 1835.7 | 1924.2 | 1991.1 |
| 47.5° | 883.3 | 907.0 | 963.2 | 1045.3 | 1159.7 | 1272.0 | 1390.8 | 1516.0 | 1626.2 | 1712.6 | 1770.9 |
| 50° | 697.5 | 727.7 | 777.4 | 863.8 | 978.3 | 1097.1 | 1220.2 | 1343.2 | 1447.0 | 1520.4 | 1572.2 |
| 52.5° | 548.5 | 576.6 | 624.1 | 714.9 | 831.5 | 950.2 | 1064.6 | 1185.6 | 1276.3 | 1347.6 | 1382.2 |
| 55° | 425.4 | 451.4 | 501.0 | 576.6 | 686.8 | 803.4 | 917.8 | 1021.5 | 1105.7 | 1157.5 | 1190.0 |
| 57.5° | 323.9 | 343.4 | 378.0 | 453.5 | 552.9 | 660.8 | 758.1 | 861.7 | 926.5 | 963.2 | 984.7 |
| 60° | 246.2 | 261.3 | 298.0 | 356.4 | 447.0 | 539.9 | 622.0 | 699.7 | 751.6 | 781.8 | 803.4 |
| 62.5° | 185.7 | 203.0 | 228.9 | 278.6 | 347.7 | 423.3 | 492.4 | 550.7 | 593.9 | 613.3 | 628.5 |
| 65° | 127.4 | 140.4 | 159.8 | 198.7 | 257.0 | 310.9 | 365.0 | 408.2 | 436.3 | 457.9 | 466.5 |
| 67.5° | 95.0 | 103.6 | 114.5 | 144.7 | 185.7 | 228.9 | 265.6 | 295.8 | 326.1 | 334.8 | 349.9 |
| 70° | 71.3 | 77.8 | 88.5 | 110.1 | 133.9 | 164.1 | 194.4 | 211.6 | 233.2 | 248.4 | 252.7 |
| 72.5° | 45.3 | 47.5 | 58.3 | 71.3 | 90.7 | 110.1 | 129.6 | 144.7 | 157.7 | 166.3 | 170.6 |
| 75° | 26.0 | 38.8 | 38.8 | 51.8 | 64.8 | 73.4 | 86.4 | 97.2 | 103.6 | 110.1 | 110.1 |
| 77.5° | 17.2 | 23.7 | 26.0 | 32.4 | 38.8 | 49.7 | 60.4 | 66.9 | 73.4 | 75.6 | 75.6 |
| 80° | 15.1 | 17.2 | 17.2 | 23.7 | 28.1 | 36.7 | 43.2 | 45.3 | 49.7 | 51.8 | 56.2 |
| 82.5° | 6.5 | 8.6 | 10.8 | 17.2 | 19.5 | 19.5 | 26.0 | 28.1 | 32.4 | 34.6 | 34.6 |
| 85° | 2.1 | 4.4 | 4.4 | 6.5 | 10.8 | 13.0 | 15.1 | 17.2 | 19.5 | 19.5 | 21.6 |
| 87.5° | 2.1 | 2.1 | 0.0 | 2.1 | 4.4 | 4.4 | 8.6 | 8.6 | 8.6 | 13.0 | 13.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248993

CATALOG NUMBER: LD8B70D010 ER8B70835 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 | 4422.8 |
| 2.5° | 4384.0 | 4386.1 | 4377.5 | 4375.4 | 4371.0 | 4373.1 | 4377.5 |
| 5° | 4304.1 | 4306.2 | 4297.6 | 4289.0 | 4289.0 | 4286.7 | 4289.0 |
| 7.5° | 4228.4 | 4230.6 | 4217.7 | 4213.3 | 4204.7 | 4206.9 | 4206.9 |
| 10° | 4152.9 | 4152.9 | 4133.5 | 4131.3 | 4124.8 | 4122.6 | 4122.6 |
| 12.5° | 4079.4 | 4073.0 | 4057.8 | 4049.2 | 4053.6 | 4040.6 | 4040.6 |
| 15° | 4014.6 | 4003.9 | 3984.4 | 3977.9 | 3967.2 | 3962.8 | 3962.8 |
| 17.5° | 3947.7 | 3939.1 | 3921.8 | 3908.9 | 3895.9 | 3893.8 | 3895.9 |
| 20° | 3882.9 | 3874.3 | 3852.7 | 3844.1 | 3833.3 | 3833.3 | 3829.0 |
| 22.5° | 3818.1 | 3809.5 | 3790.1 | 3783.6 | 3768.5 | 3768.5 | 3770.6 |
| 25° | 3751.2 | 3744.7 | 3723.1 | 3718.8 | 3716.7 | 3708.0 | 3712.3 |
| 27.5° | 3660.5 | 3656.1 | 3638.9 | 3632.4 | 3623.8 | 3621.7 | 3625.9 |
| 30° | 3494.2 | 3487.7 | 3474.8 | 3468.3 | 3453.2 | 3455.3 | 3459.6 |
| 32.5° | 3286.9 | 3278.3 | 3260.9 | 3254.5 | 3241.6 | 3237.2 | 3239.3 |
| 35° | 3027.8 | 3021.3 | 3006.2 | 3006.2 | 2993.2 | 2988.8 | 2993.2 |
| 37.5° | 2764.3 | 2770.7 | 2764.3 | 2770.7 | 2764.3 | 2762.1 | 2764.3 |
| 40° | 2516.0 | 2539.7 | 2544.0 | 2567.8 | 2559.2 | 2572.0 | 2569.9 |
| 42.5° | 2278.3 | 2317.2 | 2332.4 | 2351.8 | 2347.5 | 2356.1 | 2362.6 |
| 45° | 2038.6 | 2071.1 | 2086.2 | 2099.1 | 2101.3 | 2105.6 | 2107.8 |
| 47.5° | 1811.9 | 1837.8 | 1839.9 | 1855.1 | 1852.9 | 1852.9 | 1859.4 |
| 50° | 1600.3 | 1617.5 | 1621.8 | 1632.6 | 1624.0 | 1619.7 | 1621.8 |
| 52.5° | 1403.8 | 1421.0 | 1416.6 | 1421.0 | 1410.2 | 1405.9 | 1408.0 |
| 55° | 1202.9 | 1211.5 | 1211.5 | 1211.5 | 1198.6 | 1198.6 | 1198.6 |
| 57.5° | 997.7 | 999.9 | 995.6 | 997.7 | 995.6 | 982.6 | 980.5 |
| 60° | 809.9 | 809.9 | 807.7 | 809.9 | 803.4 | 796.9 | 796.9 |
| 62.5° | 632.7 | 637.1 | 645.7 | 637.1 | 632.7 | 637.1 | 630.6 |
| 65° | 473.0 | 481.6 | 479.4 | 483.7 | 481.6 | 481.6 | 477.3 |
| 67.5° | 356.4 | 358.5 | 360.6 | 362.9 | 362.9 | 362.9 | 362.9 |
| 70° | 261.3 | 267.8 | 265.6 | 265.6 | 265.6 | 265.6 | 278.6 |
| 72.5° | 174.9 | 183.6 | 181.4 | 185.7 | 185.7 | 190.0 | 185.7 |
| 75° | 118.8 | 127.4 | 123.1 | 129.6 | 127.4 | 123.1 | 133.9 |
| 77.5° | 79.9 | 84.3 | 86.4 | 88.5 | 86.4 | 84.3 | 86.4 |
| 80° | 56.2 | 60.4 | 58.3 | 60.4 | 60.4 | 60.4 | 62.7 |
| 82.5° | 34.6 | 41.1 | 38.8 | 41.1 | 38.8 | 41.1 | 41.1 |
| 85° | 23.7 | 26.0 | 21.6 | 26.0 | 23.7 | 23.7 | 28.1 |
| 87.5° | 15.1 | 13.0 | 13.0 | 15.1 | 13.0 | 15.1 | 13.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)