

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: P248553

Luminaire Tested: **LD8B80D010 ER8B80830 8LBSW0H**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P248553
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: LD8B80D010 ER8B80830 8LBSW0H
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT
80 CRI 3000 CCT WITH SEMI-SPECULAR CLEAR TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8050.0 lumens
Efficiency: N/A
Efficacy: 108.2 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

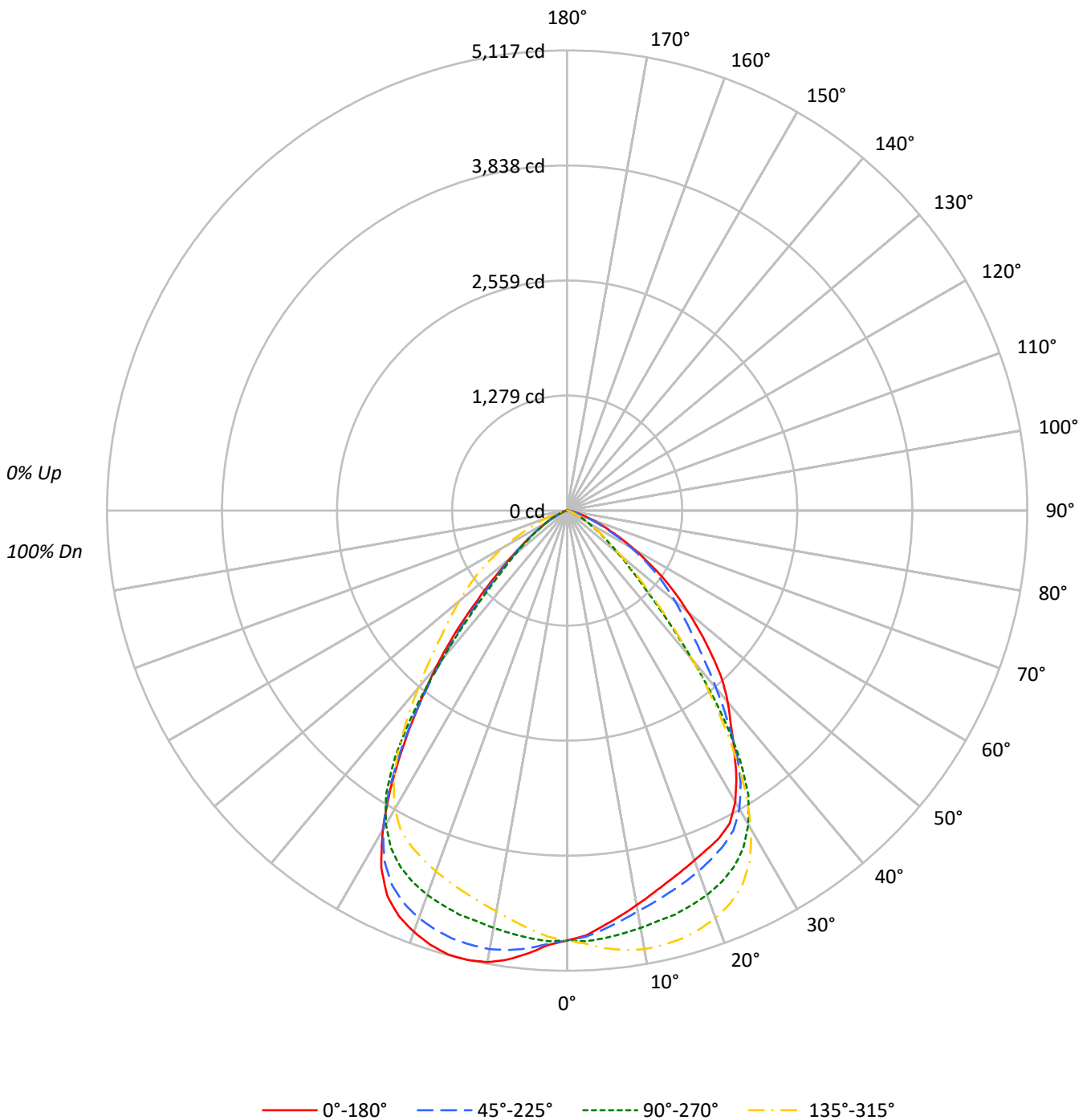
Input Watts (W): 74.4
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P248553

CATALOG NUMBER: LD8B80D010 ER8B80830 8LBSW0H

Luminous Intensity Polar Plot





TEST NUMBER: P248553

CATALOG NUMBER: LD8B80D010 ER8B80830 8LBSW0H

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° | 147367 | 147367 | 147367 | 147367 |
| 5° | 143454 | 147713 | 152988 | 147713 |
| 10° | 139486 | 147520 | 159651 | 147520 |
| 15° | 136699 | 148396 | 163145 | 148396 |
| 20° | 135767 | 149244 | 163565 | 149244 |
| 25° | 136481 | 148944 | 160934 | 148944 |
| 30° | 133105 | 143491 | 146073 | 143491 |
| 35° | 121753 | 125174 | 118764 | 125174 |
| 40° | 111781 | 87073 | 90930 | 87073 |
| 45° | 99320 | 53120 | 61463 | 53120 |
| 50° | 84068 | 35485 | 39405 | 35485 |
| 55° | 69626 | 24214 | 25590 | 24214 |
| 60° | 53106 | 16121 | 16263 | 16121 |
| 65° | 37628 | 10040 | 9194 | 10040 |
| 70° | 27138 | 6726 | 6104 | 6726 |
| 75° | 17240 | 3336 | 2776 | 3336 |
| 80° | 12022 | 2486 | 2060 | 2486 |
| 85° | 10756 | 0 | 814 | 0 |



TEST NUMBER: P248553

CATALOG NUMBER: LD8B80D010 ER8B80830 8LBSW0H

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 454.9 | 5.7 |
| 10°-20° | 1317.2 | 16.4 |
| 20°-30° | 1994.6 | 24.8 |
| 30°-40° | 1999.0 | 24.8 |
| 40°-50° | 1255.3 | 15.6 |
| 50°-60° | 669.0 | 8.3 |
| 60°-70° | 275.1 | 3.4 |
| 70°-80° | 72.7 | 0.9 |
| 80°-90° | 12.3 | 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° | 3766.7 | 46.8 |
| 0°-40° | 5765.7 | 71.6 |
| 0°-60° | 7689.9 | 95.5 |
| 0°-90° | 8050.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 8050.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 4779 | 4779 | 4779 | 4779 | 4779 | |
| 5° | 4634 | 4772 | 4942 | 4772 | 4634 | 437 |
| 15° | 4282 | 4648 | 5110 | 4648 | 4282 | 1211 |
| 25° | 4011 | 4378 | 4730 | 4378 | 4011 | 1840 |
| 35° | 3234 | 3325 | 3155 | 3325 | 3234 | 2026 |
| 45° | 2278 | 1218 | 1409 | 1218 | 2278 | 1752 |
| 55° | 1295 | 450 | 476 | 450 | 1295 | 1155 |
| 65° | 516 | 138 | 126 | 138 | 516 | 535 |
| 75° | 145 | 28 | 23 | 28 | 145 | 164 |
| 85° | 30 | 0 | 2 | 0 | 30 | 33 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P248553

CATALOG NUMBER: LD8B80D010 ER8B80830 8LBSWOH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 |
| 2.5° | 4730.0 | 4725.3 | 4723.0 | 4727.7 | 4730.0 | 4739.4 | 4737.1 | 4741.7 | 4741.7 | 4744.1 | 4748.7 |
| 5° | 4634.4 | 4632.0 | 4634.4 | 4634.4 | 4643.7 | 4653.0 | 4650.7 | 4657.7 | 4662.3 | 4674.0 | 4678.7 |
| 7.5° | 4545.7 | 4545.7 | 4543.3 | 4552.6 | 4557.3 | 4571.4 | 4569.0 | 4580.7 | 4587.7 | 4599.3 | 4615.7 |
| 10° | 4454.7 | 4454.7 | 4457.0 | 4464.0 | 4466.4 | 4487.3 | 4487.3 | 4503.7 | 4513.0 | 4524.7 | 4545.7 |
| 12.5° | 4366.0 | 4366.0 | 4380.0 | 4375.3 | 4384.7 | 4401.0 | 4408.0 | 4424.3 | 4438.3 | 4461.7 | 4482.7 |
| 15° | 4282.0 | 4282.0 | 4286.7 | 4298.3 | 4305.3 | 4326.3 | 4338.0 | 4356.7 | 4373.0 | 4396.4 | 4426.7 |
| 17.5° | 4209.6 | 4207.3 | 4209.6 | 4223.7 | 4237.7 | 4256.3 | 4265.6 | 4289.0 | 4305.3 | 4335.7 | 4363.7 |
| 20° | 4137.3 | 4142.0 | 4142.0 | 4153.7 | 4163.0 | 4186.3 | 4195.6 | 4221.4 | 4240.0 | 4268.0 | 4300.7 |
| 22.5° | 4074.3 | 4072.0 | 4072.0 | 4088.3 | 4095.4 | 4116.3 | 4125.6 | 4148.9 | 4170.0 | 4193.3 | 4223.7 |
| 25° | 4011.3 | 4006.6 | 4016.0 | 4018.3 | 4022.9 | 4046.3 | 4053.3 | 4069.6 | 4090.6 | 4111.7 | 4142.0 |
| 27.5° | 3917.9 | 3913.3 | 3915.6 | 3925.0 | 3932.0 | 3950.6 | 3955.3 | 3971.6 | 3988.0 | 4006.6 | 4032.3 |
| 30° | 3738.2 | 3733.6 | 3731.3 | 3747.7 | 3754.7 | 3768.6 | 3775.6 | 3803.6 | 3808.3 | 3829.3 | 3847.9 |
| 32.5° | 3500.2 | 3497.9 | 3502.6 | 3516.6 | 3523.6 | 3542.3 | 3551.6 | 3567.9 | 3579.6 | 3591.3 | 3609.9 |
| 35° | 3234.3 | 3229.6 | 3234.3 | 3248.3 | 3248.3 | 3264.6 | 3271.6 | 3278.5 | 3276.2 | 3278.5 | 3273.9 |
| 37.5° | 2986.9 | 2984.5 | 2986.9 | 2993.9 | 2986.9 | 2993.9 | 2986.9 | 2972.9 | 2947.3 | 2919.2 | 2891.2 |
| 40° | 2776.9 | 2779.2 | 2765.3 | 2774.6 | 2748.8 | 2744.2 | 2718.6 | 2683.5 | 2632.2 | 2576.2 | 2496.9 |
| 42.5° | 2552.9 | 2545.9 | 2536.6 | 2541.2 | 2520.2 | 2503.8 | 2461.8 | 2417.6 | 2352.2 | 2258.9 | 2163.1 |
| 45° | 2277.5 | 2275.2 | 2270.5 | 2268.2 | 2254.2 | 2237.9 | 2202.8 | 2151.5 | 2079.2 | 1983.5 | 1869.1 |
| 47.5° | 2009.2 | 2002.1 | 2002.1 | 2004.5 | 1988.1 | 1985.8 | 1957.8 | 1913.5 | 1850.5 | 1757.1 | 1638.1 |
| 50° | 1752.4 | 1750.1 | 1754.8 | 1764.1 | 1752.4 | 1747.8 | 1729.2 | 1698.8 | 1642.8 | 1563.5 | 1451.4 |
| 52.5° | 1521.4 | 1519.1 | 1523.8 | 1535.4 | 1530.7 | 1535.4 | 1516.8 | 1493.5 | 1456.1 | 1379.1 | 1281.1 |
| 55° | 1295.1 | 1295.1 | 1295.1 | 1309.1 | 1309.1 | 1309.1 | 1299.7 | 1285.8 | 1250.8 | 1194.8 | 1103.8 |
| 57.5° | 1059.4 | 1061.7 | 1075.8 | 1078.1 | 1075.8 | 1080.5 | 1078.1 | 1064.0 | 1040.8 | 1001.1 | 931.1 |
| 60° | 861.1 | 861.1 | 868.1 | 875.1 | 872.7 | 875.1 | 875.1 | 868.1 | 844.8 | 812.1 | 756.1 |
| 62.5° | 681.4 | 688.4 | 683.7 | 688.4 | 697.7 | 688.4 | 683.7 | 679.1 | 662.7 | 641.7 | 595.0 |
| 65° | 515.7 | 520.4 | 520.4 | 522.7 | 518.0 | 520.4 | 511.1 | 504.1 | 494.8 | 471.4 | 441.1 |
| 67.5° | 392.1 | 392.1 | 392.1 | 392.1 | 389.7 | 387.4 | 385.1 | 378.1 | 361.7 | 352.4 | 319.7 |
| 70° | 301.0 | 287.0 | 287.0 | 287.0 | 287.0 | 289.4 | 282.4 | 273.1 | 268.4 | 252.0 | 228.7 |
| 72.5° | 200.6 | 205.4 | 200.6 | 200.6 | 196.0 | 198.3 | 189.0 | 184.3 | 179.7 | 170.4 | 156.4 |
| 75° | 144.7 | 133.0 | 137.6 | 140.0 | 133.0 | 137.6 | 128.3 | 119.0 | 119.0 | 112.0 | 105.0 |
| 77.5° | 93.4 | 91.1 | 93.4 | 95.7 | 93.4 | 91.1 | 86.3 | 81.6 | 81.6 | 79.3 | 72.3 |
| 80° | 67.7 | 65.3 | 65.3 | 65.3 | 63.0 | 65.3 | 60.7 | 60.7 | 56.0 | 53.7 | 49.0 |
| 82.5° | 44.4 | 44.4 | 42.0 | 44.4 | 42.0 | 44.4 | 37.4 | 37.4 | 37.4 | 35.0 | 30.4 |
| 85° | 30.4 | 25.6 | 25.6 | 28.0 | 23.3 | 28.0 | 25.6 | 23.3 | 21.0 | 21.0 | 18.6 |
| 87.5° | 14.0 | 16.3 | 14.0 | 16.3 | 14.0 | 14.0 | 16.3 | 14.0 | 14.0 | 9.3 | 9.3 |
| 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: P248553

CATALOG NUMBER: LD8B80D010 ER8B80830 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 |
| 2.5° | 4755.7 | 4758.0 | 4758.0 | 4767.4 | 4772.0 | 4774.3 | 4774.3 | 4793.1 | 4786.0 | 4790.7 | 4795.4 |
| 5° | 4688.1 | 4702.0 | 4706.7 | 4706.7 | 4732.4 | 4741.7 | 4751.0 | 4772.0 | 4774.3 | 4788.3 | 4804.7 |
| 7.5° | 4622.7 | 4639.0 | 4648.4 | 4669.3 | 4685.7 | 4702.0 | 4730.0 | 4744.1 | 4758.0 | 4776.7 | 4797.7 |
| 10° | 4559.7 | 4578.4 | 4597.0 | 4613.3 | 4639.0 | 4660.0 | 4678.7 | 4711.3 | 4727.7 | 4753.4 | 4781.3 |
| 12.5° | 4499.0 | 4524.7 | 4541.0 | 4569.0 | 4597.0 | 4615.7 | 4643.7 | 4674.0 | 4699.7 | 4725.3 | 4758.0 |
| 15° | 4445.4 | 4475.7 | 4494.3 | 4524.7 | 4555.0 | 4580.7 | 4611.0 | 4648.4 | 4667.0 | 4697.4 | 4727.7 |
| 17.5° | 4387.0 | 4419.7 | 4443.0 | 4471.0 | 4508.4 | 4536.3 | 4562.1 | 4599.3 | 4622.7 | 4655.3 | 4690.4 |
| 20° | 4326.3 | 4359.0 | 4387.0 | 4415.0 | 4452.4 | 4480.3 | 4510.7 | 4548.0 | 4573.7 | 4606.3 | 4634.4 |
| 22.5° | 4254.0 | 4284.4 | 4314.6 | 4347.3 | 4384.7 | 4408.0 | 4443.0 | 4475.7 | 4503.7 | 4534.0 | 4562.1 |
| 25° | 4160.7 | 4198.0 | 4221.4 | 4251.6 | 4282.0 | 4307.6 | 4345.0 | 4377.6 | 4401.0 | 4429.0 | 4454.7 |
| 27.5° | 4051.0 | 4079.0 | 4097.7 | 4123.3 | 4153.7 | 4177.0 | 4204.9 | 4237.7 | 4261.0 | 4286.7 | 4305.3 |
| 30° | 3864.3 | 3890.0 | 3906.3 | 3925.0 | 3955.3 | 3976.3 | 3999.7 | 4029.9 | 4046.3 | 4065.0 | 4081.3 |
| 32.5° | 3619.2 | 3640.3 | 3649.6 | 3663.6 | 3684.6 | 3705.6 | 3724.3 | 3750.0 | 3757.0 | 3768.6 | 3768.6 |
| 35° | 3264.6 | 3269.2 | 3266.9 | 3271.6 | 3280.9 | 3292.6 | 3308.9 | 3325.2 | 3334.5 | 3334.5 | 3327.6 |
| 37.5° | 2849.2 | 2821.3 | 2790.9 | 2767.6 | 2760.6 | 2755.8 | 2765.3 | 2772.2 | 2781.6 | 2786.2 | 2774.6 |
| 40° | 2417.6 | 2354.6 | 2286.8 | 2226.1 | 2184.2 | 2165.5 | 2158.5 | 2163.1 | 2163.1 | 2179.5 | 2179.5 |
| 42.5° | 2046.5 | 1948.5 | 1848.2 | 1757.1 | 1696.4 | 1649.8 | 1628.8 | 1628.8 | 1631.1 | 1642.8 | 1649.8 |
| 45° | 1738.5 | 1614.8 | 1498.1 | 1397.8 | 1313.8 | 1253.1 | 1225.1 | 1218.1 | 1215.8 | 1220.4 | 1236.7 |
| 47.5° | 1502.8 | 1374.5 | 1253.1 | 1129.4 | 1040.8 | 980.1 | 954.4 | 945.0 | 935.7 | 945.0 | 947.4 |
| 50° | 1318.5 | 1185.4 | 1057.1 | 933.4 | 840.0 | 786.4 | 753.7 | 739.7 | 737.4 | 737.4 | 742.1 |
| 52.5° | 1150.4 | 1026.8 | 898.4 | 772.4 | 674.4 | 623.1 | 592.7 | 585.7 | 576.4 | 585.7 | 585.7 |
| 55° | 991.7 | 868.1 | 742.1 | 623.1 | 541.3 | 487.7 | 459.7 | 450.4 | 445.7 | 452.7 | 452.7 |
| 57.5° | 819.1 | 714.0 | 597.4 | 490.0 | 408.4 | 371.0 | 350.0 | 338.4 | 336.0 | 340.7 | 336.0 |
| 60° | 672.1 | 583.4 | 483.0 | 385.1 | 322.1 | 282.4 | 266.1 | 261.4 | 256.6 | 261.4 | 261.4 |
| 62.5° | 532.0 | 457.4 | 375.6 | 301.0 | 247.3 | 219.4 | 200.6 | 200.6 | 198.3 | 198.3 | 200.6 |
| 65° | 394.4 | 336.0 | 277.7 | 214.7 | 172.7 | 151.7 | 137.6 | 137.6 | 135.3 | 137.6 | 135.3 |
| 67.5° | 287.0 | 247.3 | 200.6 | 156.4 | 123.7 | 112.0 | 102.7 | 95.7 | 100.4 | 95.7 | 93.4 |
| 70° | 210.1 | 177.3 | 144.7 | 119.0 | 95.7 | 84.0 | 77.0 | 74.6 | 70.0 | 70.0 | 70.0 |
| 72.5° | 140.0 | 119.0 | 98.0 | 77.0 | 63.0 | 51.3 | 49.0 | 44.4 | 39.7 | 42.0 | 46.7 |
| 75° | 93.4 | 79.3 | 70.0 | 56.0 | 42.0 | 42.0 | 28.0 | 28.0 | 23.3 | 28.0 | 21.0 |
| 77.5° | 65.3 | 53.7 | 42.0 | 35.0 | 28.0 | 25.6 | 18.6 | 18.6 | 16.3 | 16.3 | 16.3 |
| 80° | 46.7 | 39.7 | 30.4 | 25.6 | 18.6 | 18.6 | 16.3 | 14.0 | 11.6 | 11.6 | 14.0 |
| 82.5° | 28.0 | 21.0 | 21.0 | 18.6 | 11.6 | 9.3 | 7.0 | 9.3 | 4.7 | 4.7 | 4.7 |
| 85° | 16.3 | 14.0 | 11.6 | 7.0 | 4.7 | 4.7 | 2.3 | 0.0 | 2.3 | 2.3 | 0.0 |
| 87.5° | 9.3 | 4.7 | 4.7 | 2.3 | 0.0 | 2.3 | 2.3 | 0.0 | 0.0 | 0.0 | 4.7 |
| 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: P248553

CATALOG NUMBER: LD8B80D010 ER8B80830 8LBSWOH

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 |
| 2.5° | 4807.1 | 4804.7 | 4809.4 | 4809.4 | 4823.4 | 4821.0 | 4828.0 | 4828.0 | 4823.4 | 4825.7 | 4835.0 |
| 5° | 4823.4 | 4830.4 | 4844.3 | 4856.1 | 4877.0 | 4886.4 | 4898.0 | 4909.8 | 4912.1 | 4919.1 | 4926.1 |
| 7.5° | 4823.4 | 4846.7 | 4863.1 | 4884.0 | 4912.1 | 4928.4 | 4954.0 | 4975.1 | 4984.4 | 4996.0 | 5010.0 |
| 10° | 4814.0 | 4837.3 | 4867.7 | 4891.0 | 4926.1 | 4951.7 | 4977.4 | 5010.0 | 5024.1 | 5042.7 | 5061.4 |
| 12.5° | 4795.4 | 4821.0 | 4853.7 | 4884.0 | 4923.7 | 4947.0 | 4979.7 | 5010.0 | 5031.1 | 5056.7 | 5077.7 |
| 15° | 4767.4 | 4797.7 | 4828.0 | 4858.4 | 4900.3 | 4928.4 | 4958.7 | 4993.7 | 5014.7 | 5042.7 | 5061.4 |
| 17.5° | 4723.0 | 4755.7 | 4783.7 | 4811.7 | 4851.4 | 4884.0 | 4912.1 | 4944.7 | 4965.7 | 4989.1 | 5014.7 |
| 20° | 4669.3 | 4699.7 | 4730.0 | 4753.4 | 4793.1 | 4821.0 | 4851.4 | 4881.7 | 4898.0 | 4902.7 | 4942.4 |
| 22.5° | 4601.7 | 4622.7 | 4646.0 | 4683.4 | 4706.7 | 4732.4 | 4760.4 | 4788.3 | 4804.7 | 4830.4 | 4844.3 |
| 25° | 4489.6 | 4510.7 | 4536.3 | 4552.6 | 4580.7 | 4601.7 | 4629.7 | 4660.0 | 4669.3 | 4688.1 | 4702.0 |
| 27.5° | 4333.4 | 4345.0 | 4356.7 | 4370.6 | 4387.0 | 4398.7 | 4415.0 | 4429.0 | 4438.3 | 4447.7 | 4457.0 |
| 30° | 4085.9 | 4085.9 | 4085.9 | 4076.6 | 4083.6 | 4090.6 | 4092.9 | 4090.6 | 4090.6 | 4088.3 | 4088.3 |
| 32.5° | 3759.3 | 3740.6 | 3719.6 | 3701.0 | 3694.0 | 3684.6 | 3679.9 | 3672.9 | 3661.3 | 3654.3 | 3656.6 |
| 35° | 3318.2 | 3276.2 | 3250.6 | 3227.3 | 3208.6 | 3194.6 | 3187.6 | 3180.6 | 3178.3 | 3169.0 | 3159.5 |
| 37.5° | 2767.6 | 2737.2 | 2718.6 | 2704.6 | 2688.2 | 2674.2 | 2676.5 | 2678.9 | 2685.8 | 2681.2 | 2683.5 |
| 40° | 2184.2 | 2177.1 | 2184.2 | 2167.8 | 2163.1 | 2167.8 | 2179.5 | 2195.9 | 2205.2 | 2214.5 | 2230.8 |
| 42.5° | 1661.5 | 1673.1 | 1689.5 | 1689.5 | 1696.4 | 1705.8 | 1719.8 | 1745.5 | 1759.4 | 1775.8 | 1794.5 |
| 45° | 1250.8 | 1264.8 | 1285.8 | 1292.7 | 1297.4 | 1309.1 | 1325.5 | 1346.4 | 1355.7 | 1369.8 | 1386.1 |
| 47.5° | 963.8 | 973.1 | 984.7 | 996.4 | 1008.0 | 1012.7 | 1029.1 | 1029.1 | 1040.8 | 1050.1 | 1054.7 |
| 50° | 751.4 | 760.7 | 770.0 | 777.0 | 781.7 | 788.8 | 793.4 | 800.4 | 802.7 | 807.4 | 809.7 |
| 52.5° | 588.0 | 599.7 | 599.7 | 604.3 | 611.4 | 618.4 | 616.1 | 618.4 | 620.7 | 620.7 | 627.7 |
| 55° | 459.7 | 459.7 | 466.7 | 466.7 | 471.4 | 469.0 | 471.4 | 471.4 | 471.4 | 471.4 | 473.7 |
| 57.5° | 343.0 | 345.4 | 352.4 | 347.7 | 345.4 | 350.0 | 345.4 | 350.0 | 347.7 | 352.4 | 345.4 |
| 60° | 263.7 | 263.7 | 266.1 | 266.1 | 268.4 | 268.4 | 268.4 | 266.1 | 266.1 | 263.7 | 263.7 |
| 62.5° | 198.3 | 200.6 | 203.0 | 200.6 | 200.6 | 200.6 | 198.3 | 198.3 | 196.0 | 193.6 | 193.6 |
| 65° | 133.0 | 130.7 | 135.3 | 130.7 | 133.0 | 133.0 | 130.7 | 133.0 | 126.0 | 128.3 | 126.0 |
| 67.5° | 95.7 | 93.4 | 91.1 | 93.4 | 91.1 | 88.7 | 88.7 | 91.1 | 93.4 | 86.3 | 86.3 |
| 70° | 63.0 | 65.3 | 63.0 | 65.3 | 67.7 | 67.7 | 65.3 | 63.0 | 65.3 | 60.7 | 63.0 |
| 72.5° | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 42.0 | 42.0 | 42.0 | 37.4 | 37.4 | 35.0 |
| 75° | 18.6 | 25.6 | 21.0 | 18.6 | 25.6 | 25.6 | 23.3 | 23.3 | 21.0 | 21.0 | 21.0 |
| 77.5° | 18.6 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 11.6 | 14.0 | 11.6 |
| 80° | 9.3 | 9.3 | 9.3 | 7.0 | 9.3 | 9.3 | 11.6 | 9.3 | 9.3 | 7.0 | 11.6 |
| 82.5° | 4.7 | 4.7 | 4.7 | 0.0 | 2.3 | 4.7 | 4.7 | 2.3 | 4.7 | 4.7 | 2.3 |
| 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: P248553

CATALOG NUMBER: LD8B80D010 ER8B80830 8LBSWOH

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 |
| 2.5° | 4832.7 | 4830.4 | 4832.7 | 4835.0 | 4832.7 | 4830.4 | 4832.7 | 4835.0 | 4825.7 | 4823.4 | 4828.0 |
| 5° | 4935.4 | 4935.4 | 4940.0 | 4942.4 | 4940.0 | 4935.4 | 4935.4 | 4926.1 | 4919.1 | 4912.1 | 4909.8 |
| 7.5° | 5024.1 | 5028.8 | 5033.4 | 5035.7 | 5033.4 | 5028.8 | 5024.1 | 5010.0 | 4996.0 | 4984.4 | 4975.1 |
| 10° | 5077.7 | 5084.8 | 5094.1 | 5098.7 | 5094.1 | 5084.8 | 5077.7 | 5061.4 | 5042.7 | 5024.1 | 5010.0 |
| 12.5° | 5101.1 | 5108.1 | 5119.7 | 5117.4 | 5119.7 | 5108.1 | 5101.1 | 5077.7 | 5056.7 | 5031.1 | 5010.0 |
| 15° | 5084.8 | 5094.1 | 5105.7 | 5110.4 | 5105.7 | 5094.1 | 5084.8 | 5061.4 | 5042.7 | 5014.7 | 4993.7 |
| 17.5° | 5033.4 | 5047.4 | 5054.4 | 5061.4 | 5054.4 | 5047.4 | 5033.4 | 5014.7 | 4989.1 | 4965.7 | 4944.7 |
| 20° | 4963.3 | 4972.8 | 4982.1 | 4984.4 | 4982.1 | 4972.8 | 4963.3 | 4942.4 | 4902.7 | 4898.0 | 4881.7 |
| 22.5° | 4863.1 | 4870.1 | 4891.0 | 4884.0 | 4891.0 | 4870.1 | 4863.1 | 4844.3 | 4830.4 | 4804.7 | 4788.3 |
| 25° | 4718.3 | 4725.3 | 4727.7 | 4730.0 | 4727.7 | 4725.3 | 4718.3 | 4702.0 | 4688.1 | 4669.3 | 4660.0 |
| 27.5° | 4468.7 | 4468.7 | 4473.3 | 4475.7 | 4473.3 | 4468.7 | 4468.7 | 4457.0 | 4447.7 | 4438.3 | 4429.0 |
| 30° | 4090.6 | 4090.6 | 4090.6 | 4102.4 | 4090.6 | 4090.6 | 4090.6 | 4088.3 | 4088.3 | 4090.6 | 4090.6 |
| 32.5° | 3654.3 | 3649.6 | 3645.0 | 3649.6 | 3645.0 | 3649.6 | 3654.3 | 3656.6 | 3654.3 | 3661.3 | 3672.9 |
| 35° | 3159.5 | 3157.2 | 3164.2 | 3154.9 | 3164.2 | 3157.2 | 3159.5 | 3159.5 | 3169.0 | 3178.3 | 3180.6 |
| 37.5° | 2685.8 | 2681.2 | 2690.5 | 2681.2 | 2690.5 | 2681.2 | 2685.8 | 2683.5 | 2681.2 | 2685.8 | 2678.9 |
| 40° | 2235.5 | 2240.2 | 2240.2 | 2258.9 | 2240.2 | 2240.2 | 2235.5 | 2230.8 | 2214.5 | 2205.2 | 2195.9 |
| 42.5° | 1803.8 | 1817.8 | 1813.1 | 1827.1 | 1813.1 | 1817.8 | 1803.8 | 1794.5 | 1775.8 | 1759.4 | 1745.5 |
| 45° | 1395.4 | 1404.8 | 1404.8 | 1409.4 | 1404.8 | 1404.8 | 1395.4 | 1386.1 | 1369.8 | 1355.7 | 1346.4 |
| 47.5° | 1071.0 | 1071.0 | 1071.0 | 1073.4 | 1071.0 | 1071.0 | 1071.0 | 1054.7 | 1050.1 | 1040.8 | 1029.1 |
| 50° | 814.4 | 816.7 | 819.1 | 821.4 | 819.1 | 816.7 | 814.4 | 809.7 | 807.4 | 802.7 | 800.4 |
| 52.5° | 625.4 | 627.7 | 623.1 | 627.7 | 623.1 | 627.7 | 625.4 | 627.7 | 620.7 | 620.7 | 618.4 |
| 55° | 473.7 | 471.4 | 473.7 | 476.0 | 473.7 | 471.4 | 473.7 | 473.7 | 471.4 | 471.4 | 471.4 |
| 57.5° | 347.7 | 343.0 | 343.0 | 343.0 | 343.0 | 343.0 | 347.7 | 345.4 | 352.4 | 347.7 | 350.0 |
| 60° | 259.0 | 261.4 | 261.4 | 263.7 | 261.4 | 261.4 | 259.0 | 263.7 | 263.7 | 266.1 | 266.1 |
| 62.5° | 191.3 | 198.3 | 193.6 | 198.3 | 193.6 | 198.3 | 191.3 | 193.6 | 193.6 | 196.0 | 198.3 |
| 65° | 123.7 | 123.7 | 123.7 | 126.0 | 123.7 | 123.7 | 123.7 | 126.0 | 128.3 | 126.0 | 133.0 |
| 67.5° | 84.0 | 86.3 | 91.1 | 88.7 | 91.1 | 86.3 | 84.0 | 86.3 | 86.3 | 93.4 | 91.1 |
| 70° | 67.7 | 60.7 | 60.7 | 67.7 | 60.7 | 60.7 | 67.7 | 63.0 | 60.7 | 65.3 | 63.0 |
| 72.5° | 39.7 | 35.0 | 39.7 | 39.7 | 39.7 | 35.0 | 39.7 | 35.0 | 37.4 | 37.4 | 42.0 |
| 75° | 21.0 | 18.6 | 16.3 | 23.3 | 16.3 | 18.6 | 21.0 | 21.0 | 21.0 | 21.0 | 23.3 |
| 77.5° | 14.0 | 11.6 | 16.3 | 16.3 | 16.3 | 11.6 | 14.0 | 11.6 | 14.0 | 11.6 | 14.0 |
| 80° | 7.0 | 9.3 | 7.0 | 11.6 | 7.0 | 9.3 | 7.0 | 11.6 | 7.0 | 9.3 | 9.3 |
| 82.5° | 2.3 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 2.3 | 2.3 | 4.7 | 4.7 | 2.3 |
| 85° | 0.0 | 4.7 | 2.3 | 2.3 | 2.3 | 4.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 2.3 | 0.0 | 0.0 | 2.3 | 0.0 | 0.0 | 2.3 | 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: P248553

CATALOG NUMBER: LD8B80D010 ER8B80830 8LBSWOH

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 |
| 2.5° | 4828.0 | 4821.0 | 4823.4 | 4809.4 | 4809.4 | 4804.7 | 4807.1 | 4795.4 | 4790.7 | 4786.0 | 4793.1 |
| 5° | 4898.0 | 4886.4 | 4877.0 | 4856.1 | 4844.3 | 4830.4 | 4823.4 | 4804.7 | 4788.3 | 4774.3 | 4772.0 |
| 7.5° | 4954.0 | 4928.4 | 4912.1 | 4884.0 | 4863.1 | 4846.7 | 4823.4 | 4797.7 | 4776.7 | 4758.0 | 4744.1 |
| 10° | 4977.4 | 4951.7 | 4926.1 | 4891.0 | 4867.7 | 4837.3 | 4814.0 | 4781.3 | 4753.4 | 4727.7 | 4711.3 |
| 12.5° | 4979.7 | 4947.0 | 4923.7 | 4884.0 | 4853.7 | 4821.0 | 4795.4 | 4758.0 | 4725.3 | 4699.7 | 4674.0 |
| 15° | 4958.7 | 4928.4 | 4900.3 | 4858.4 | 4828.0 | 4797.7 | 4767.4 | 4727.7 | 4697.4 | 4667.0 | 4648.4 |
| 17.5° | 4912.1 | 4884.0 | 4851.4 | 4811.7 | 4783.7 | 4755.7 | 4723.0 | 4690.4 | 4655.3 | 4622.7 | 4599.3 |
| 20° | 4851.4 | 4821.0 | 4793.1 | 4753.4 | 4730.0 | 4699.7 | 4669.3 | 4634.4 | 4606.3 | 4573.7 | 4548.0 |
| 22.5° | 4760.4 | 4732.4 | 4706.7 | 4683.4 | 4646.0 | 4622.7 | 4601.7 | 4562.1 | 4534.0 | 4503.7 | 4475.7 |
| 25° | 4629.7 | 4601.7 | 4580.7 | 4552.6 | 4536.3 | 4510.7 | 4489.6 | 4454.7 | 4429.0 | 4401.0 | 4377.6 |
| 27.5° | 4415.0 | 4398.7 | 4387.0 | 4370.6 | 4356.7 | 4345.0 | 4333.4 | 4305.3 | 4286.7 | 4261.0 | 4237.7 |
| 30° | 4092.9 | 4090.6 | 4083.6 | 4076.6 | 4085.9 | 4085.9 | 4085.9 | 4081.3 | 4065.0 | 4046.3 | 4029.9 |
| 32.5° | 3679.9 | 3684.6 | 3694.0 | 3701.0 | 3719.6 | 3740.6 | 3759.3 | 3768.6 | 3768.6 | 3757.0 | 3750.0 |
| 35° | 3187.6 | 3194.6 | 3208.6 | 3227.3 | 3250.6 | 3276.2 | 3318.2 | 3327.6 | 3334.5 | 3334.5 | 3325.2 |
| 37.5° | 2676.5 | 2674.2 | 2688.2 | 2704.6 | 2718.6 | 2737.2 | 2767.6 | 2774.6 | 2786.2 | 2781.6 | 2772.2 |
| 40° | 2179.5 | 2167.8 | 2163.1 | 2167.8 | 2184.2 | 2177.1 | 2184.2 | 2179.5 | 2179.5 | 2163.1 | 2163.1 |
| 42.5° | 1719.8 | 1705.8 | 1696.4 | 1689.5 | 1689.5 | 1673.1 | 1661.5 | 1649.8 | 1642.8 | 1631.1 | 1628.8 |
| 45° | 1325.5 | 1309.1 | 1297.4 | 1292.7 | 1285.8 | 1264.8 | 1250.8 | 1236.7 | 1220.4 | 1215.8 | 1218.1 |
| 47.5° | 1029.1 | 1012.7 | 1008.0 | 996.4 | 984.7 | 973.1 | 963.8 | 947.4 | 945.0 | 935.7 | 945.0 |
| 50° | 793.4 | 788.8 | 781.7 | 777.0 | 770.0 | 760.7 | 751.4 | 742.1 | 737.4 | 737.4 | 739.7 |
| 52.5° | 616.1 | 618.4 | 611.4 | 604.3 | 599.7 | 599.7 | 588.0 | 585.7 | 585.7 | 576.4 | 585.7 |
| 55° | 471.4 | 469.0 | 471.4 | 466.7 | 466.7 | 459.7 | 459.7 | 452.7 | 452.7 | 445.7 | 450.4 |
| 57.5° | 345.4 | 350.0 | 345.4 | 347.7 | 352.4 | 345.4 | 343.0 | 336.0 | 340.7 | 336.0 | 338.4 |
| 60° | 268.4 | 268.4 | 268.4 | 266.1 | 266.1 | 263.7 | 263.7 | 261.4 | 261.4 | 256.6 | 261.4 |
| 62.5° | 198.3 | 200.6 | 200.6 | 200.6 | 203.0 | 200.6 | 198.3 | 200.6 | 198.3 | 198.3 | 200.6 |
| 65° | 130.7 | 133.0 | 133.0 | 130.7 | 135.3 | 130.7 | 133.0 | 135.3 | 137.6 | 135.3 | 137.6 |
| 67.5° | 88.7 | 88.7 | 91.1 | 93.4 | 91.1 | 93.4 | 95.7 | 93.4 | 95.7 | 100.4 | 95.7 |
| 70° | 65.3 | 67.7 | 67.7 | 65.3 | 63.0 | 65.3 | 63.0 | 70.0 | 70.0 | 70.0 | 74.6 |
| 72.5° | 42.0 | 42.0 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 46.7 | 42.0 | 39.7 | 44.4 |
| 75° | 23.3 | 25.6 | 25.6 | 18.6 | 21.0 | 25.6 | 18.6 | 21.0 | 28.0 | 23.3 | 28.0 |
| 77.5° | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 18.6 | 16.3 | 16.3 | 16.3 | 18.6 |
| 80° | 11.6 | 9.3 | 9.3 | 7.0 | 9.3 | 9.3 | 9.3 | 14.0 | 11.6 | 11.6 | 14.0 |
| 82.5° | 4.7 | 4.7 | 2.3 | 0.0 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 9.3 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.3 | 2.3 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.7 | 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: P248553

CATALOG NUMBER: LD8B80D010 ER8B80830 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 |
| 2.5° | 4774.3 | 4774.3 | 4772.0 | 4767.4 | 4758.0 | 4758.0 | 4755.7 | 4748.7 | 4744.1 | 4741.7 | 4741.7 |
| 5° | 4751.0 | 4741.7 | 4732.4 | 4706.7 | 4706.7 | 4702.0 | 4688.1 | 4678.7 | 4674.0 | 4662.3 | 4657.7 |
| 7.5° | 4730.0 | 4702.0 | 4685.7 | 4669.3 | 4648.4 | 4639.0 | 4622.7 | 4615.7 | 4599.3 | 4587.7 | 4580.7 |
| 10° | 4678.7 | 4660.0 | 4639.0 | 4613.3 | 4597.0 | 4578.4 | 4559.7 | 4545.7 | 4524.7 | 4513.0 | 4503.7 |
| 12.5° | 4643.7 | 4615.7 | 4597.0 | 4569.0 | 4541.0 | 4524.7 | 4499.0 | 4482.7 | 4461.7 | 4438.3 | 4424.3 |
| 15° | 4611.0 | 4580.7 | 4555.0 | 4524.7 | 4494.3 | 4475.7 | 4445.4 | 4426.7 | 4396.4 | 4373.0 | 4356.7 |
| 17.5° | 4562.1 | 4536.3 | 4508.4 | 4471.0 | 4443.0 | 4419.7 | 4387.0 | 4363.7 | 4335.7 | 4305.3 | 4289.0 |
| 20° | 4510.7 | 4480.3 | 4452.4 | 4415.0 | 4387.0 | 4359.0 | 4326.3 | 4300.7 | 4268.0 | 4240.0 | 4221.4 |
| 22.5° | 4443.0 | 4408.0 | 4384.7 | 4347.3 | 4314.6 | 4284.4 | 4254.0 | 4223.7 | 4193.3 | 4170.0 | 4148.9 |
| 25° | 4345.0 | 4307.6 | 4282.0 | 4251.6 | 4221.4 | 4198.0 | 4160.7 | 4142.0 | 4111.7 | 4090.6 | 4069.6 |
| 27.5° | 4204.9 | 4177.0 | 4153.7 | 4123.3 | 4097.7 | 4079.0 | 4051.0 | 4032.3 | 4006.6 | 3988.0 | 3971.6 |
| 30° | 3999.7 | 3976.3 | 3955.3 | 3925.0 | 3906.3 | 3890.0 | 3864.3 | 3847.9 | 3829.3 | 3808.3 | 3803.6 |
| 32.5° | 3724.3 | 3705.6 | 3684.6 | 3663.6 | 3649.6 | 3640.3 | 3619.2 | 3609.9 | 3591.3 | 3579.6 | 3567.9 |
| 35° | 3308.9 | 3292.6 | 3280.9 | 3271.6 | 3266.9 | 3269.2 | 3264.6 | 3273.9 | 3278.5 | 3276.2 | 3278.5 |
| 37.5° | 2765.3 | 2755.8 | 2760.6 | 2767.6 | 2790.9 | 2821.3 | 2849.2 | 2891.2 | 2919.2 | 2947.3 | 2972.9 |
| 40° | 2158.5 | 2165.5 | 2184.2 | 2226.1 | 2286.8 | 2354.6 | 2417.6 | 2496.9 | 2576.2 | 2632.2 | 2683.5 |
| 42.5° | 1628.8 | 1649.8 | 1696.4 | 1757.1 | 1848.2 | 1948.5 | 2046.5 | 2163.1 | 2258.9 | 2352.2 | 2417.6 |
| 45° | 1225.1 | 1253.1 | 1313.8 | 1397.8 | 1498.1 | 1614.8 | 1738.5 | 1869.1 | 1983.5 | 2079.2 | 2151.5 |
| 47.5° | 954.4 | 980.1 | 1040.8 | 1129.4 | 1253.1 | 1374.5 | 1502.8 | 1638.1 | 1757.1 | 1850.5 | 1913.5 |
| 50° | 753.7 | 786.4 | 840.0 | 933.4 | 1057.1 | 1185.4 | 1318.5 | 1451.4 | 1563.5 | 1642.8 | 1698.8 |
| 52.5° | 592.7 | 623.1 | 674.4 | 772.4 | 898.4 | 1026.8 | 1150.4 | 1281.1 | 1379.1 | 1456.1 | 1493.5 |
| 55° | 459.7 | 487.7 | 541.3 | 623.1 | 742.1 | 868.1 | 991.7 | 1103.8 | 1194.8 | 1250.8 | 1285.8 |
| 57.5° | 350.0 | 371.0 | 408.4 | 490.0 | 597.4 | 714.0 | 819.1 | 931.1 | 1001.1 | 1040.8 | 1064.0 |
| 60° | 266.1 | 282.4 | 322.1 | 385.1 | 483.0 | 583.4 | 672.1 | 756.1 | 812.1 | 844.8 | 868.1 |
| 62.5° | 200.6 | 219.4 | 247.3 | 301.0 | 375.6 | 457.4 | 532.0 | 595.0 | 641.7 | 662.7 | 679.1 |
| 65° | 137.6 | 151.7 | 172.7 | 214.7 | 277.7 | 336.0 | 394.4 | 441.1 | 471.4 | 494.8 | 504.1 |
| 67.5° | 102.7 | 112.0 | 123.7 | 156.4 | 200.6 | 247.3 | 287.0 | 319.7 | 352.4 | 361.7 | 378.1 |
| 70° | 77.0 | 84.0 | 95.7 | 119.0 | 144.7 | 177.3 | 210.1 | 228.7 | 252.0 | 268.4 | 273.1 |
| 72.5° | 49.0 | 51.3 | 63.0 | 77.0 | 98.0 | 119.0 | 140.0 | 156.4 | 170.4 | 179.7 | 184.3 |
| 75° | 28.0 | 42.0 | 42.0 | 56.0 | 70.0 | 79.3 | 93.4 | 105.0 | 112.0 | 119.0 | 119.0 |
| 77.5° | 18.6 | 25.6 | 28.0 | 35.0 | 42.0 | 53.7 | 65.3 | 72.3 | 79.3 | 81.6 | 81.6 |
| 80° | 16.3 | 18.6 | 18.6 | 25.6 | 30.4 | 39.7 | 46.7 | 49.0 | 53.7 | 56.0 | 60.7 |
| 82.5° | 7.0 | 9.3 | 11.6 | 18.6 | 21.0 | 21.0 | 28.0 | 30.4 | 35.0 | 37.4 | 37.4 |
| 85° | 2.3 | 4.7 | 4.7 | 7.0 | 11.6 | 14.0 | 16.3 | 18.6 | 21.0 | 21.0 | 23.3 |
| 87.5° | 2.3 | 2.3 | 0.0 | 2.3 | 4.7 | 4.7 | 9.3 | 9.3 | 9.3 | 14.0 | 14.0 |
| 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: P248553

CATALOG NUMBER: LD8B80D010 ER8B80830 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 | 4779.0 |
| 2.5° | 4737.1 | 4739.4 | 4730.0 | 4727.7 | 4723.0 | 4725.3 | 4730.0 |
| 5° | 4650.7 | 4653.0 | 4643.7 | 4634.4 | 4634.4 | 4632.0 | 4634.4 |
| 7.5° | 4569.0 | 4571.4 | 4557.3 | 4552.6 | 4543.3 | 4545.7 | 4545.7 |
| 10° | 4487.3 | 4487.3 | 4466.4 | 4464.0 | 4457.0 | 4454.7 | 4454.7 |
| 12.5° | 4408.0 | 4401.0 | 4384.7 | 4375.3 | 4380.0 | 4366.0 | 4366.0 |
| 15° | 4338.0 | 4326.3 | 4305.3 | 4298.3 | 4286.7 | 4282.0 | 4282.0 |
| 17.5° | 4265.6 | 4256.3 | 4237.7 | 4223.7 | 4209.6 | 4207.3 | 4209.6 |
| 20° | 4195.6 | 4186.3 | 4163.0 | 4153.7 | 4142.0 | 4142.0 | 4137.3 |
| 22.5° | 4125.6 | 4116.3 | 4095.4 | 4088.3 | 4072.0 | 4072.0 | 4074.3 |
| 25° | 4053.3 | 4046.3 | 4022.9 | 4018.3 | 4016.0 | 4006.6 | 4011.3 |
| 27.5° | 3955.3 | 3950.6 | 3932.0 | 3925.0 | 3915.6 | 3913.3 | 3917.9 |
| 30° | 3775.6 | 3768.6 | 3754.7 | 3747.7 | 3731.3 | 3733.6 | 3738.2 |
| 32.5° | 3551.6 | 3542.3 | 3523.6 | 3516.6 | 3502.6 | 3497.9 | 3500.2 |
| 35° | 3271.6 | 3264.6 | 3248.3 | 3248.3 | 3234.3 | 3229.6 | 3234.3 |
| 37.5° | 2986.9 | 2993.9 | 2986.9 | 2993.9 | 2986.9 | 2984.5 | 2986.9 |
| 40° | 2718.6 | 2744.2 | 2748.8 | 2774.6 | 2765.3 | 2779.2 | 2776.9 |
| 42.5° | 2461.8 | 2503.8 | 2520.2 | 2541.2 | 2536.6 | 2545.9 | 2552.9 |
| 45° | 2202.8 | 2237.9 | 2254.2 | 2268.2 | 2270.5 | 2275.2 | 2277.5 |
| 47.5° | 1957.8 | 1985.8 | 1988.1 | 2004.5 | 2002.1 | 2002.1 | 2009.2 |
| 50° | 1729.2 | 1747.8 | 1752.4 | 1764.1 | 1754.8 | 1750.1 | 1752.4 |
| 52.5° | 1516.8 | 1535.4 | 1530.7 | 1535.4 | 1523.8 | 1519.1 | 1521.4 |
| 55° | 1299.7 | 1309.1 | 1309.1 | 1309.1 | 1295.1 | 1295.1 | 1295.1 |
| 57.5° | 1078.1 | 1080.5 | 1075.8 | 1078.1 | 1075.8 | 1061.7 | 1059.4 |
| 60° | 875.1 | 875.1 | 872.7 | 875.1 | 868.1 | 861.1 | 861.1 |
| 62.5° | 683.7 | 688.4 | 697.7 | 688.4 | 683.7 | 688.4 | 681.4 |
| 65° | 511.1 | 520.4 | 518.0 | 522.7 | 520.4 | 520.4 | 515.7 |
| 67.5° | 385.1 | 387.4 | 389.7 | 392.1 | 392.1 | 392.1 | 392.1 |
| 70° | 282.4 | 289.4 | 287.0 | 287.0 | 287.0 | 287.0 | 301.0 |
| 72.5° | 189.0 | 198.3 | 196.0 | 200.6 | 200.6 | 205.4 | 200.6 |
| 75° | 128.3 | 137.6 | 133.0 | 140.0 | 137.6 | 133.0 | 144.7 |
| 77.5° | 86.3 | 91.1 | 93.4 | 95.7 | 93.4 | 91.1 | 93.4 |
| 80° | 60.7 | 65.3 | 63.0 | 65.3 | 65.3 | 65.3 | 67.7 |
| 82.5° | 37.4 | 44.4 | 42.0 | 44.4 | 42.0 | 44.4 | 44.4 |
| 85° | 25.6 | 28.0 | 23.3 | 28.0 | 25.6 | 25.6 | 30.4 |
| 87.5° | 16.3 | 14.0 | 14.0 | 16.3 | 14.0 | 16.3 | 14.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)