

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: P248658

Luminaire Tested: **LD8B200D010 ER8B200827 8LBSW0WMH**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P248658
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: LD8B200D010 ER8B200827 8LBSW0WMH
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT
80 CRI 2700 CCT WITH WARM HAZE TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20113.0 lumens
Efficiency: N/A
Efficacy: 90.1 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

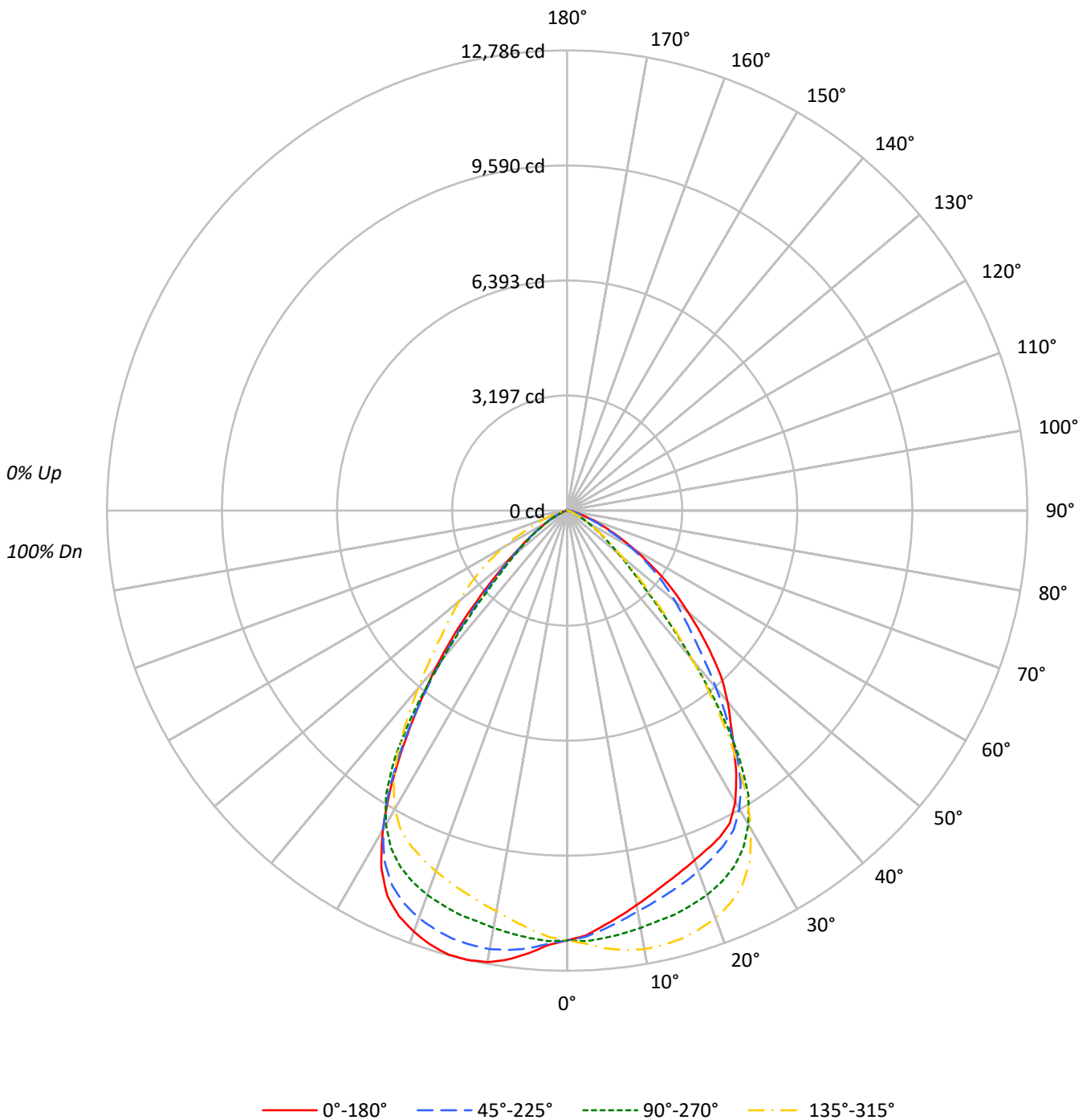
Input Watts (W): 223.3
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P248658

CATALOG NUMBER: LD8B200D010 ER8B200827 8LBSW0WMH

Luminous Intensity Polar Plot





TEST NUMBER: P248658

CATALOG NUMBER: LD8B200D010 ER8B200827 8LBSW0WMH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1 | 112 | 109 | 106 | 103 | 109 | 106 | 104 | 101 | 102 | 100 | 98 | 99 | 97 | 95 | 95 | 94 | 92 | 90 |
| 2 | 105 | 99 | 94 | 89 | 102 | 97 | 92 | 88 | 93 | 90 | 86 | 90 | 87 | 84 | 87 | 85 | 83 | 81 |
| 3 | 98 | 90 | 83 | 78 | 95 | 88 | 82 | 78 | 85 | 80 | 76 | 83 | 79 | 75 | 80 | 77 | 74 | 72 |
| 4 | 91 | 82 | 75 | 70 | 89 | 80 | 74 | 69 | 78 | 73 | 68 | 76 | 71 | 67 | 74 | 70 | 67 | 65 |
| 5 | 85 | 75 | 68 | 62 | 83 | 74 | 67 | 62 | 72 | 66 | 61 | 70 | 65 | 61 | 68 | 64 | 60 | 58 |
| 6 | 80 | 69 | 61 | 56 | 78 | 68 | 61 | 56 | 66 | 60 | 55 | 65 | 59 | 55 | 63 | 58 | 55 | 53 |
| 7 | 75 | 63 | 56 | 51 | 73 | 63 | 56 | 51 | 61 | 55 | 50 | 60 | 54 | 50 | 59 | 54 | 50 | 48 |
| 8 | 70 | 59 | 51 | 46 | 69 | 58 | 51 | 46 | 57 | 50 | 46 | 56 | 50 | 46 | 55 | 49 | 46 | 44 |
| 9 | 66 | 54 | 47 | 42 | 65 | 54 | 47 | 42 | 53 | 47 | 42 | 52 | 46 | 42 | 51 | 46 | 42 | 40 |
| 10 | 62 | 51 | 44 | 39 | 61 | 50 | 44 | 39 | 49 | 43 | 39 | 48 | 43 | 39 | 48 | 42 | 39 | 37 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|--------|--------|--------|--------|
| 0° | 368201 | 368201 | 368201 | 368201 |
| 5° | 358418 | 369063 | 382243 | 369063 |
| 10° | 348503 | 368583 | 398887 | 368583 |
| 15° | 341543 | 370770 | 407620 | 370770 |
| 20° | 339215 | 372890 | 408666 | 372890 |
| 25° | 341000 | 372142 | 402100 | 372142 |
| 30° | 332567 | 358517 | 364962 | 358517 |
| 35° | 304199 | 312752 | 296734 | 312752 |
| 40° | 279286 | 217556 | 227189 | 217556 |
| 45° | 248153 | 132720 | 153570 | 132720 |
| 50° | 210044 | 88659 | 98455 | 88659 |
| 55° | 173967 | 60498 | 63939 | 60498 |
| 60° | 132682 | 40272 | 40624 | 40272 |
| 65° | 94015 | 25093 | 22977 | 25093 |
| 70° | 67809 | 16815 | 15255 | 16815 |
| 75° | 43058 | 8352 | 6946 | 8352 |
| 80° | 30046 | 6215 | 5150 | 6215 |
| 85° | 26819 | 0 | 2052 | 0 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 1136.5 | 5.7 |
| 10°-20° | 3291.1 | 16.4 |
| 20°-30° | 4983.4 | 24.8 |
| 30°-40° | 4994.6 | 24.8 |
| 40°-50° | 3136.4 | 15.6 |
| 50°-60° | 1671.4 | 8.3 |
| 60°-70° | 687.3 | 3.4 |
| 70°-80° | 181.6 | 0.9 |
| 80°-90° | 30.7 | 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° | 9411.1 | 46.8 |
| 0°-40° | 14405.7 | 71.6 |
| 0°-60° | 19213.4 | 95.5 |
| 0°-90° | 20113.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 20113.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|-------|-------|-------|-------|-------|------|
| 0° | 11940 | 11940 | 11940 | 11940 | 11940 | |
| 5° | 11579 | 11923 | 12349 | 11923 | 11579 | ### |
| 15° | 10699 | 11614 | 12768 | 11614 | 10699 | 3026 |
| 25° | 10022 | 10938 | 11818 | 10938 | 10022 | 4597 |
| 35° | 8081 | 8308 | 7883 | 8308 | 8081 | 5063 |
| 45° | 5690 | 3043 | 3522 | 3043 | 5690 | 4376 |
| 55° | 3236 | 1125 | 1189 | 1125 | 3236 | 2885 |
| 65° | 1288 | 344 | 315 | 344 | 1288 | 1337 |
| 75° | 361 | 70 | 58 | 70 | 361 | 409 |
| 85° | 76 | 0 | 6 | 0 | 76 | 83 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P248658

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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 |
| 2.5° | 11818.1 | 11806.3 | 11800.5 | 11812.3 | 11818.1 | 11841.3 | 11835.6 | 11847.1 | 11847.1 | 11853.1 | 11864.6 |
| 5° | 11579.0 | 11573.0 | 11579.0 | 11579.0 | 11602.3 | 11625.6 | 11619.8 | 11637.4 | 11648.9 | 11678.2 | 11689.7 |
| 7.5° | 11357.5 | 11357.5 | 11351.5 | 11374.8 | 11386.6 | 11421.6 | 11415.6 | 11444.9 | 11462.4 | 11491.4 | 11532.2 |
| 10° | 11130.0 | 11130.0 | 11135.8 | 11153.3 | 11159.3 | 11211.6 | 11211.6 | 11252.4 | 11275.7 | 11305.0 | 11357.5 |
| 12.5° | 10908.5 | 10908.5 | 10943.6 | 10931.8 | 10955.1 | 10995.9 | 11013.4 | 11054.2 | 11089.2 | 11147.6 | 11200.1 |
| 15° | 10698.6 | 10698.6 | 10710.3 | 10739.4 | 10756.9 | 10809.4 | 10838.5 | 10885.3 | 10926.1 | 10984.4 | 11060.2 |
| 17.5° | 10517.8 | 10512.1 | 10517.8 | 10552.9 | 10587.9 | 10634.5 | 10657.8 | 10716.1 | 10756.9 | 10832.7 | 10902.8 |
| 20° | 10337.1 | 10348.9 | 10348.9 | 10377.9 | 10401.2 | 10459.5 | 10482.8 | 10547.1 | 10593.7 | 10663.5 | 10745.4 |
| 22.5° | 10179.7 | 10174.0 | 10174.0 | 10214.8 | 10232.3 | 10284.6 | 10307.9 | 10366.2 | 10418.7 | 10477.1 | 10552.9 |
| 25° | 10022.3 | 10010.5 | 10034.0 | 10039.8 | 10051.3 | 10109.6 | 10127.2 | 10168.0 | 10220.5 | 10273.1 | 10348.9 |
| 27.5° | 9789.0 | 9777.5 | 9783.3 | 9806.5 | 9824.1 | 9870.6 | 9882.4 | 9923.2 | 9964.0 | 10010.5 | 10074.8 |
| 30° | 9340.0 | 9328.5 | 9322.7 | 9363.5 | 9381.1 | 9415.9 | 9433.4 | 9503.5 | 9515.0 | 9567.5 | 9614.1 |
| 32.5° | 8745.4 | 8739.6 | 8751.4 | 8786.2 | 8803.7 | 8850.5 | 8873.7 | 8914.5 | 8943.6 | 8972.9 | 9019.4 |
| 35° | 8080.9 | 8069.1 | 8080.9 | 8115.9 | 8115.9 | 8156.7 | 8174.2 | 8191.5 | 8185.7 | 8191.5 | 8180.0 |
| 37.5° | 7462.9 | 7456.9 | 7462.9 | 7480.2 | 7462.9 | 7480.2 | 7462.9 | 7427.9 | 7363.8 | 7293.7 | 7223.6 |
| 40° | 6938.1 | 6943.8 | 6909.0 | 6932.3 | 6868.0 | 6856.5 | 6792.4 | 6704.8 | 6576.7 | 6436.7 | 6238.5 |
| 42.5° | 6378.4 | 6360.9 | 6337.6 | 6349.2 | 6296.8 | 6255.8 | 6150.9 | 6040.3 | 5876.9 | 5643.9 | 5404.6 |
| 45° | 5690.4 | 5684.6 | 5672.9 | 5667.1 | 5632.1 | 5591.3 | 5503.7 | 5375.6 | 5194.8 | 4955.8 | 4670.0 |
| 47.5° | 5019.9 | 5002.4 | 5002.4 | 5008.1 | 4967.3 | 4961.6 | 4891.5 | 4780.9 | 4623.5 | 4390.2 | 4092.9 |
| 50° | 4378.4 | 4372.7 | 4384.4 | 4407.7 | 4378.4 | 4366.9 | 4320.4 | 4244.5 | 4104.6 | 3906.4 | 3626.3 |
| 52.5° | 3801.3 | 3795.5 | 3807.3 | 3836.3 | 3824.6 | 3836.3 | 3789.8 | 3731.5 | 3638.1 | 3445.6 | 3200.9 |
| 55° | 3235.9 | 3235.9 | 3235.9 | 3270.7 | 3270.7 | 3270.7 | 3247.4 | 3212.6 | 3125.0 | 2985.1 | 2757.9 |
| 57.5° | 2647.0 | 2652.7 | 2687.8 | 2693.5 | 2687.8 | 2699.5 | 2693.5 | 2658.5 | 2600.4 | 2501.3 | 2326.4 |
| 60° | 2151.4 | 2151.4 | 2168.9 | 2186.5 | 2180.5 | 2186.5 | 2186.5 | 2168.9 | 2110.6 | 2029.0 | 1889.1 |
| 62.5° | 1702.4 | 1719.9 | 1708.2 | 1719.9 | 1743.2 | 1719.9 | 1708.2 | 1696.7 | 1655.9 | 1603.3 | 1486.7 |
| 65° | 1288.5 | 1300.2 | 1300.2 | 1306.0 | 1294.2 | 1300.2 | 1276.9 | 1259.4 | 1236.1 | 1177.8 | 1102.0 |
| 67.5° | 979.6 | 979.6 | 979.6 | 979.6 | 973.6 | 967.8 | 962.1 | 944.6 | 903.8 | 880.5 | 798.7 |
| 70° | 752.1 | 717.1 | 717.1 | 717.1 | 717.1 | 723.1 | 705.5 | 682.3 | 670.5 | 629.7 | 571.4 |
| 72.5° | 501.3 | 513.1 | 501.3 | 501.3 | 489.8 | 495.6 | 472.3 | 460.5 | 449.0 | 425.7 | 390.7 |
| 75° | 361.4 | 332.4 | 343.9 | 349.9 | 332.4 | 343.9 | 320.6 | 297.3 | 297.3 | 279.8 | 262.3 |
| 77.5° | 233.3 | 227.5 | 233.3 | 239.0 | 233.3 | 227.5 | 215.7 | 204.0 | 204.0 | 198.2 | 180.7 |
| 80° | 169.2 | 163.2 | 163.2 | 163.2 | 157.4 | 163.2 | 151.7 | 151.7 | 139.9 | 134.1 | 122.4 |
| 82.5° | 110.9 | 110.9 | 104.9 | 110.9 | 104.9 | 110.9 | 93.4 | 93.4 | 93.4 | 87.4 | 75.8 |
| 85° | 75.8 | 64.1 | 64.1 | 70.1 | 58.3 | 70.1 | 64.1 | 58.3 | 52.6 | 52.6 | 46.6 |
| 87.5° | 35.0 | 40.8 | 35.0 | 40.8 | 35.0 | 35.0 | 40.8 | 35.0 | 35.0 | 23.3 | 23.3 |
| 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: P248658

CATALOG NUMBER: LD8B200D010 ER8B200827 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 |
| 2.5° | 11882.1 | 11887.9 | 11887.9 | 11911.4 | 11922.9 | 11928.7 | 11928.7 | 11975.5 | 11958.0 | 11969.7 | 11981.2 |
| 5° | 11713.2 | 11748.0 | 11759.7 | 11759.7 | 11823.8 | 11847.1 | 11870.4 | 11922.9 | 11928.7 | 11963.7 | 12004.5 |
| 7.5° | 11549.8 | 11590.6 | 11614.1 | 11666.4 | 11707.2 | 11748.0 | 11818.1 | 11853.1 | 11887.9 | 11934.7 | 11987.0 |
| 10° | 11392.3 | 11439.1 | 11485.7 | 11526.5 | 11590.6 | 11643.1 | 11689.7 | 11771.3 | 11812.3 | 11876.4 | 11946.2 |
| 12.5° | 11240.9 | 11305.0 | 11345.8 | 11415.6 | 11485.7 | 11532.2 | 11602.3 | 11678.2 | 11742.2 | 11806.3 | 11887.9 |
| 15° | 11106.8 | 11182.6 | 11229.2 | 11305.0 | 11380.8 | 11444.9 | 11520.7 | 11614.1 | 11660.6 | 11736.5 | 11812.3 |
| 17.5° | 10960.9 | 11042.7 | 11101.0 | 11170.8 | 11264.2 | 11334.0 | 11398.3 | 11491.4 | 11549.8 | 11631.4 | 11718.9 |
| 20° | 10809.4 | 10891.0 | 10960.9 | 11030.9 | 11124.3 | 11194.1 | 11269.9 | 11363.3 | 11427.4 | 11509.0 | 11579.0 |
| 22.5° | 10628.7 | 10704.6 | 10780.1 | 10861.7 | 10955.1 | 11013.4 | 11101.0 | 11182.6 | 11252.4 | 11328.3 | 11398.3 |
| 25° | 10395.5 | 10488.8 | 10547.1 | 10622.7 | 10698.6 | 10762.6 | 10856.0 | 10937.6 | 10995.9 | 11066.0 | 11130.0 |
| 27.5° | 10121.4 | 10191.5 | 10238.0 | 10302.1 | 10377.9 | 10436.3 | 10506.1 | 10587.9 | 10646.2 | 10710.3 | 10756.9 |
| 30° | 9654.9 | 9719.2 | 9760.0 | 9806.5 | 9882.4 | 9934.9 | 9993.3 | 10068.8 | 10109.6 | 10156.4 | 10197.2 |
| 32.5° | 9042.7 | 9095.2 | 9118.5 | 9153.6 | 9206.1 | 9258.4 | 9305.2 | 9369.3 | 9386.8 | 9415.9 | 9415.9 |
| 35° | 8156.7 | 8168.2 | 8162.4 | 8174.2 | 8197.5 | 8226.5 | 8267.3 | 8308.1 | 8331.4 | 8331.4 | 8314.1 |
| 37.5° | 7118.8 | 7048.9 | 6973.1 | 6914.8 | 6897.3 | 6885.5 | 6909.0 | 6926.3 | 6949.8 | 6961.3 | 6932.3 |
| 40° | 6040.3 | 5882.9 | 5713.7 | 5562.0 | 5457.1 | 5410.6 | 5393.1 | 5404.6 | 5404.6 | 5445.4 | 5445.4 |
| 42.5° | 5113.3 | 4868.2 | 4617.7 | 4390.2 | 4238.5 | 4122.1 | 4069.6 | 4069.6 | 4075.3 | 4104.6 | 4122.1 |
| 45° | 4343.6 | 4034.5 | 3743.0 | 3492.4 | 3282.4 | 3130.8 | 3060.9 | 3043.4 | 3037.7 | 3049.2 | 3090.0 |
| 47.5° | 3754.7 | 3434.1 | 3130.8 | 2821.9 | 2600.4 | 2448.8 | 2384.7 | 2361.2 | 2337.9 | 2361.2 | 2367.2 |
| 50° | 3294.2 | 2961.8 | 2641.2 | 2332.1 | 2098.9 | 1964.7 | 1883.1 | 1848.1 | 1842.3 | 1842.3 | 1854.1 |
| 52.5° | 2874.2 | 2565.4 | 2244.8 | 1929.9 | 1684.9 | 1556.8 | 1480.9 | 1463.4 | 1440.1 | 1463.4 | 1463.4 |
| 55° | 2477.8 | 2168.9 | 1854.1 | 1556.8 | 1352.5 | 1218.6 | 1148.5 | 1125.3 | 1113.5 | 1131.0 | 1131.0 |
| 57.5° | 2046.6 | 1784.0 | 1492.7 | 1224.4 | 1020.4 | 927.0 | 874.5 | 845.4 | 839.5 | 851.2 | 839.5 |
| 60° | 1679.1 | 1457.6 | 1206.9 | 962.1 | 804.7 | 705.5 | 664.7 | 653.0 | 641.2 | 653.0 | 653.0 |
| 62.5° | 1329.2 | 1142.8 | 938.6 | 752.1 | 617.9 | 548.1 | 501.3 | 501.3 | 495.6 | 495.6 | 501.3 |
| 65° | 985.4 | 839.5 | 693.8 | 536.4 | 431.5 | 378.9 | 343.9 | 343.9 | 338.1 | 343.9 | 338.1 |
| 67.5° | 717.1 | 617.9 | 501.3 | 390.7 | 309.1 | 279.8 | 256.5 | 239.0 | 250.8 | 239.0 | 233.3 |
| 70° | 524.8 | 443.0 | 361.4 | 297.3 | 239.0 | 210.0 | 192.5 | 186.5 | 174.9 | 174.9 | 174.9 |
| 72.5° | 349.9 | 297.3 | 244.8 | 192.5 | 157.4 | 128.1 | 122.4 | 110.9 | 99.1 | 104.9 | 116.6 |
| 75° | 233.3 | 198.2 | 174.9 | 139.9 | 104.9 | 104.9 | 70.1 | 70.1 | 58.3 | 70.1 | 52.6 |
| 77.5° | 163.2 | 134.1 | 104.9 | 87.4 | 70.1 | 64.1 | 46.6 | 46.6 | 40.8 | 40.8 | 40.8 |
| 80° | 116.6 | 99.1 | 75.8 | 64.1 | 46.6 | 46.6 | 40.8 | 35.0 | 29.0 | 29.0 | 35.0 |
| 82.5° | 70.1 | 52.6 | 52.6 | 46.6 | 29.0 | 23.3 | 17.5 | 23.3 | 11.8 | 11.8 | 11.8 |
| 85° | 40.8 | 35.0 | 29.0 | 17.5 | 11.8 | 11.8 | 5.8 | 0.0 | 5.8 | 5.8 | 0.0 |
| 87.5° | 23.3 | 11.8 | 11.8 | 5.8 | 0.0 | 5.8 | 5.8 | 0.0 | 0.0 | 0.0 | 11.8 |
| 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: P248658

CATALOG NUMBER: LD8B200D010 ER8B200827 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 |
| 2.5° | 12010.5 | 12004.5 | 12016.3 | 12016.3 | 12051.3 | 12045.3 | 12062.8 | 12062.8 | 12051.3 | 12057.1 | 12080.4 |
| 5° | 12051.3 | 12068.8 | 12103.6 | 12132.9 | 12185.2 | 12208.7 | 12237.8 | 12267.1 | 12272.8 | 12290.3 | 12307.9 |
| 7.5° | 12051.3 | 12109.6 | 12150.4 | 12202.7 | 12272.8 | 12313.6 | 12377.7 | 12430.3 | 12453.5 | 12482.6 | 12517.6 |
| 10° | 12027.8 | 12086.1 | 12162.0 | 12220.3 | 12307.9 | 12371.9 | 12436.0 | 12517.6 | 12552.6 | 12599.2 | 12646.0 |
| 12.5° | 11981.2 | 12045.3 | 12126.9 | 12202.7 | 12301.9 | 12360.2 | 12441.8 | 12517.6 | 12570.2 | 12634.2 | 12686.8 |
| 15° | 11911.4 | 11987.0 | 12062.8 | 12138.7 | 12243.5 | 12313.6 | 12389.5 | 12476.8 | 12529.4 | 12599.2 | 12646.0 |
| 17.5° | 11800.5 | 11882.1 | 11952.2 | 12022.0 | 12121.2 | 12202.7 | 12272.8 | 12354.4 | 12407.0 | 12465.3 | 12529.4 |
| 20° | 11666.4 | 11742.2 | 11818.1 | 11876.4 | 11975.5 | 12045.3 | 12121.2 | 12197.0 | 12237.8 | 12249.5 | 12348.7 |
| 22.5° | 11497.4 | 11549.8 | 11608.1 | 11701.4 | 11759.7 | 11823.8 | 11893.9 | 11963.7 | 12004.5 | 12068.8 | 12103.6 |
| 25° | 11217.4 | 11269.9 | 11334.0 | 11374.8 | 11444.9 | 11497.4 | 11567.3 | 11643.1 | 11666.4 | 11713.2 | 11748.0 |
| 27.5° | 10826.9 | 10856.0 | 10885.3 | 10920.1 | 10960.9 | 10990.1 | 11030.9 | 11066.0 | 11089.2 | 11112.5 | 11135.8 |
| 30° | 10208.8 | 10208.8 | 10208.8 | 10185.5 | 10203.0 | 10220.5 | 10226.3 | 10220.5 | 10220.5 | 10214.8 | 10214.8 |
| 32.5° | 9392.6 | 9346.0 | 9293.5 | 9246.9 | 9229.4 | 9206.1 | 9194.4 | 9176.8 | 9147.8 | 9130.3 | 9136.0 |
| 35° | 8290.6 | 8185.7 | 8121.6 | 8063.3 | 8016.8 | 7981.7 | 7964.2 | 7946.7 | 7940.9 | 7917.7 | 7894.1 |
| 37.5° | 6914.8 | 6839.0 | 6792.4 | 6757.4 | 6716.6 | 6681.5 | 6687.3 | 6693.3 | 6710.6 | 6699.0 | 6704.8 |
| 40° | 5457.1 | 5439.6 | 5457.1 | 5416.4 | 5404.6 | 5416.4 | 5445.4 | 5486.4 | 5509.7 | 5533.0 | 5573.8 |
| 42.5° | 4151.2 | 4180.2 | 4221.3 | 4221.3 | 4238.5 | 4262.0 | 4296.8 | 4361.2 | 4396.0 | 4436.8 | 4483.5 |
| 45° | 3125.0 | 3160.1 | 3212.6 | 3229.9 | 3241.7 | 3270.7 | 3311.7 | 3364.0 | 3387.3 | 3422.4 | 3463.2 |
| 47.5° | 2408.0 | 2431.2 | 2460.3 | 2489.6 | 2518.6 | 2530.4 | 2571.1 | 2571.1 | 2600.4 | 2623.7 | 2635.2 |
| 50° | 1877.4 | 1900.6 | 1923.9 | 1941.4 | 1953.2 | 1970.7 | 1982.2 | 1999.8 | 2005.5 | 2017.3 | 2023.0 |
| 52.5° | 1469.2 | 1498.4 | 1498.4 | 1510.0 | 1527.5 | 1545.0 | 1539.2 | 1545.0 | 1550.8 | 1550.8 | 1568.3 |
| 55° | 1148.5 | 1148.5 | 1166.1 | 1166.1 | 1177.8 | 1171.8 | 1177.8 | 1177.8 | 1177.8 | 1177.8 | 1183.6 |
| 57.5° | 857.0 | 863.0 | 880.5 | 868.7 | 863.0 | 874.5 | 863.0 | 874.5 | 868.7 | 880.5 | 863.0 |
| 60° | 658.7 | 658.7 | 664.7 | 664.7 | 670.5 | 670.5 | 670.5 | 664.7 | 664.7 | 658.7 | 658.7 |
| 62.5° | 495.6 | 501.3 | 507.3 | 501.3 | 501.3 | 501.3 | 495.6 | 495.6 | 489.8 | 483.8 | 483.8 |
| 65° | 332.4 | 326.6 | 338.1 | 326.6 | 332.4 | 332.4 | 326.6 | 332.4 | 314.9 | 320.6 | 314.9 |
| 67.5° | 239.0 | 233.3 | 227.5 | 233.3 | 227.5 | 221.5 | 221.5 | 227.5 | 233.3 | 215.7 | 215.7 |
| 70° | 157.4 | 163.2 | 157.4 | 163.2 | 169.2 | 169.2 | 163.2 | 157.4 | 163.2 | 151.7 | 157.4 |
| 72.5° | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 104.9 | 104.9 | 104.9 | 93.4 | 93.4 | 87.4 |
| 75° | 46.6 | 64.1 | 52.6 | 46.6 | 64.1 | 64.1 | 58.3 | 58.3 | 52.6 | 52.6 | 52.6 |
| 77.5° | 46.6 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 29.0 | 35.0 | 29.0 |
| 80° | 23.3 | 23.3 | 23.3 | 17.5 | 23.3 | 23.3 | 29.0 | 23.3 | 23.3 | 17.5 | 29.0 |
| 82.5° | 11.8 | 11.8 | 11.8 | 0.0 | 5.8 | 11.8 | 11.8 | 5.8 | 11.8 | 11.8 | 5.8 |
| 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: P248658

CATALOG NUMBER: LD8B200D010 ER8B200827 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 |
| 2.5° | 12074.6 | 12068.8 | 12074.6 | 12080.4 | 12074.6 | 12068.8 | 12074.6 | 12080.4 | 12057.1 | 12051.3 | 12062.8 |
| 5° | 12331.1 | 12331.1 | 12342.7 | 12348.7 | 12342.7 | 12331.1 | 12331.1 | 12307.9 | 12290.3 | 12272.8 | 12267.1 |
| 7.5° | 12552.6 | 12564.4 | 12575.9 | 12581.7 | 12575.9 | 12564.4 | 12552.6 | 12517.6 | 12482.6 | 12453.5 | 12430.3 |
| 10° | 12686.8 | 12704.3 | 12727.6 | 12739.1 | 12727.6 | 12704.3 | 12686.8 | 12646.0 | 12599.2 | 12552.6 | 12517.6 |
| 12.5° | 12745.1 | 12762.6 | 12791.7 | 12785.9 | 12791.7 | 12762.6 | 12745.1 | 12686.8 | 12634.2 | 12570.2 | 12517.6 |
| 15° | 12704.3 | 12727.6 | 12756.6 | 12768.4 | 12756.6 | 12727.6 | 12704.3 | 12646.0 | 12599.2 | 12529.4 | 12476.8 |
| 17.5° | 12575.9 | 12611.0 | 12628.5 | 12646.0 | 12628.5 | 12611.0 | 12575.9 | 12529.4 | 12465.3 | 12407.0 | 12354.4 |
| 20° | 12401.0 | 12424.5 | 12447.8 | 12453.5 | 12447.8 | 12424.5 | 12401.0 | 12348.7 | 12249.5 | 12237.8 | 12197.0 |
| 22.5° | 12150.4 | 12168.0 | 12220.3 | 12202.7 | 12220.3 | 12168.0 | 12150.4 | 12103.6 | 12068.8 | 12004.5 | 11963.7 |
| 25° | 11788.8 | 11806.3 | 11812.3 | 11818.1 | 11812.3 | 11806.3 | 11788.8 | 11748.0 | 11713.2 | 11666.4 | 11643.1 |
| 27.5° | 11165.1 | 11165.1 | 11176.6 | 11182.6 | 11176.6 | 11165.1 | 11165.1 | 11135.8 | 11112.5 | 11089.2 | 11066.0 |
| 30° | 10220.5 | 10220.5 | 10220.5 | 10249.8 | 10220.5 | 10220.5 | 10220.5 | 10214.8 | 10214.8 | 10220.5 | 10220.5 |
| 32.5° | 9130.3 | 9118.5 | 9107.0 | 9118.5 | 9107.0 | 9118.5 | 9130.3 | 9136.0 | 9130.3 | 9147.8 | 9176.8 |
| 35° | 7894.1 | 7888.4 | 7905.9 | 7882.6 | 7905.9 | 7888.4 | 7894.1 | 7894.1 | 7917.7 | 7940.9 | 7946.7 |
| 37.5° | 6710.6 | 6699.0 | 6722.3 | 6699.0 | 6722.3 | 6699.0 | 6710.6 | 6704.8 | 6699.0 | 6710.6 | 6693.3 |
| 40° | 5585.5 | 5597.1 | 5597.1 | 5643.9 | 5597.1 | 5597.1 | 5585.5 | 5573.8 | 5533.0 | 5509.7 | 5486.4 |
| 42.5° | 4506.8 | 4541.9 | 4530.1 | 4565.1 | 4530.1 | 4541.9 | 4506.8 | 4483.5 | 4436.8 | 4396.0 | 4361.2 |
| 45° | 3486.4 | 3509.9 | 3509.9 | 3521.5 | 3509.9 | 3509.9 | 3486.4 | 3463.2 | 3422.4 | 3387.3 | 3364.0 |
| 47.5° | 2676.0 | 2676.0 | 2676.0 | 2682.0 | 2676.0 | 2676.0 | 2676.0 | 2635.2 | 2623.7 | 2600.4 | 2571.1 |
| 50° | 2034.8 | 2040.6 | 2046.6 | 2052.3 | 2046.6 | 2040.6 | 2034.8 | 2023.0 | 2017.3 | 2005.5 | 1999.8 |
| 52.5° | 1562.5 | 1568.3 | 1556.8 | 1568.3 | 1556.8 | 1568.3 | 1562.5 | 1568.3 | 1550.8 | 1550.8 | 1545.0 |
| 55° | 1183.6 | 1177.8 | 1183.6 | 1189.3 | 1183.6 | 1177.8 | 1183.6 | 1183.6 | 1177.8 | 1177.8 | 1177.8 |
| 57.5° | 868.7 | 857.0 | 857.0 | 857.0 | 857.0 | 857.0 | 868.7 | 863.0 | 880.5 | 868.7 | 874.5 |
| 60° | 647.2 | 653.0 | 653.0 | 658.7 | 653.0 | 653.0 | 647.2 | 658.7 | 658.7 | 664.7 | 664.7 |
| 62.5° | 478.0 | 495.6 | 483.8 | 495.6 | 483.8 | 495.6 | 478.0 | 483.8 | 483.8 | 489.8 | 495.6 |
| 65° | 309.1 | 309.1 | 309.1 | 314.9 | 309.1 | 309.1 | 309.1 | 314.9 | 320.6 | 314.9 | 332.4 |
| 67.5° | 210.0 | 215.7 | 227.5 | 221.5 | 227.5 | 215.7 | 210.0 | 215.7 | 215.7 | 233.3 | 227.5 |
| 70° | 169.2 | 151.7 | 151.7 | 169.2 | 151.7 | 151.7 | 169.2 | 157.4 | 151.7 | 163.2 | 157.4 |
| 72.5° | 99.1 | 87.4 | 99.1 | 99.1 | 99.1 | 87.4 | 99.1 | 87.4 | 93.4 | 93.4 | 104.9 |
| 75° | 52.6 | 46.6 | 40.8 | 58.3 | 40.8 | 46.6 | 52.6 | 52.6 | 52.6 | 52.6 | 58.3 |
| 77.5° | 35.0 | 29.0 | 40.8 | 40.8 | 40.8 | 29.0 | 35.0 | 29.0 | 35.0 | 29.0 | 35.0 |
| 80° | 17.5 | 23.3 | 17.5 | 29.0 | 17.5 | 23.3 | 17.5 | 29.0 | 17.5 | 23.3 | 23.3 |
| 82.5° | 5.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 5.8 | 5.8 | 11.8 | 11.8 | 5.8 |
| 85° | 0.0 | 11.8 | 5.8 | 5.8 | 5.8 | 11.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 5.8 | 0.0 | 0.0 | 5.8 | 0.0 | 0.0 | 5.8 | 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: P248658

CATALOG NUMBER: LD8B200D010 ER8B200827 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 |
| 2.5° | 12062.8 | 12045.3 | 12051.3 | 12016.3 | 12016.3 | 12004.5 | 12010.5 | 11981.2 | 11969.7 | 11958.0 | 11975.5 |
| 5° | 12237.8 | 12208.7 | 12185.2 | 12132.9 | 12103.6 | 12068.8 | 12051.3 | 12004.5 | 11963.7 | 11928.7 | 11922.9 |
| 7.5° | 12377.7 | 12313.6 | 12272.8 | 12202.7 | 12150.4 | 12109.6 | 12051.3 | 11987.0 | 11934.7 | 11887.9 | 11853.1 |
| 10° | 12436.0 | 12371.9 | 12307.9 | 12220.3 | 12162.0 | 12086.1 | 12027.8 | 11946.2 | 11876.4 | 11812.3 | 11771.3 |
| 12.5° | 12441.8 | 12360.2 | 12301.9 | 12202.7 | 12126.9 | 12045.3 | 11981.2 | 11887.9 | 11806.3 | 11742.2 | 11678.2 |
| 15° | 12389.5 | 12313.6 | 12243.5 | 12138.7 | 12062.8 | 11987.0 | 11911.4 | 11812.3 | 11736.5 | 11660.6 | 11614.1 |
| 17.5° | 12272.8 | 12202.7 | 12121.2 | 12022.0 | 11952.2 | 11882.1 | 11800.5 | 11718.9 | 11631.4 | 11549.8 | 11491.4 |
| 20° | 12121.2 | 12045.3 | 11975.5 | 11876.4 | 11818.1 | 11742.2 | 11666.4 | 11579.0 | 11509.0 | 11427.4 | 11363.3 |
| 22.5° | 11893.9 | 11823.8 | 11759.7 | 11701.4 | 11608.1 | 11549.8 | 11497.4 | 11398.3 | 11328.3 | 11252.4 | 11182.6 |
| 25° | 11567.3 | 11497.4 | 11444.9 | 11374.8 | 11334.0 | 11269.9 | 11217.4 | 11130.0 | 11066.0 | 10995.9 | 10937.6 |
| 27.5° | 11030.9 | 10990.1 | 10960.9 | 10920.1 | 10885.3 | 10856.0 | 10826.9 | 10756.9 | 10710.3 | 10646.2 | 10587.9 |
| 30° | 10226.3 | 10220.5 | 10203.0 | 10185.5 | 10208.8 | 10208.8 | 10208.8 | 10197.2 | 10156.4 | 10109.6 | 10068.8 |
| 32.5° | 9194.4 | 9206.1 | 9229.4 | 9246.9 | 9293.5 | 9346.0 | 9392.6 | 9415.9 | 9415.9 | 9386.8 | 9369.3 |
| 35° | 7964.2 | 7981.7 | 8016.8 | 8063.3 | 8121.6 | 8185.7 | 8290.6 | 8314.1 | 8331.4 | 8331.4 | 8308.1 |
| 37.5° | 6687.3 | 6681.5 | 6716.6 | 6757.4 | 6792.4 | 6839.0 | 6914.8 | 6932.3 | 6961.3 | 6949.8 | 6926.3 |
| 40° | 5445.4 | 5416.4 | 5404.6 | 5416.4 | 5457.1 | 5439.6 | 5457.1 | 5445.4 | 5445.4 | 5404.6 | 5404.6 |
| 42.5° | 4296.8 | 4262.0 | 4238.5 | 4221.3 | 4221.3 | 4180.2 | 4151.2 | 4122.1 | 4104.6 | 4075.3 | 4069.6 |
| 45° | 3311.7 | 3270.7 | 3241.7 | 3229.9 | 3212.6 | 3160.1 | 3125.0 | 3090.0 | 3049.2 | 3037.7 | 3043.4 |
| 47.5° | 2571.1 | 2530.4 | 2518.6 | 2489.6 | 2460.3 | 2431.2 | 2408.0 | 2367.2 | 2361.2 | 2337.9 | 2361.2 |
| 50° | 1982.2 | 1970.7 | 1953.2 | 1941.4 | 1923.9 | 1900.6 | 1877.4 | 1854.1 | 1842.3 | 1842.3 | 1848.1 |
| 52.5° | 1539.2 | 1545.0 | 1527.5 | 1510.0 | 1498.4 | 1498.4 | 1469.2 | 1463.4 | 1463.4 | 1440.1 | 1463.4 |
| 55° | 1177.8 | 1171.8 | 1177.8 | 1166.1 | 1166.1 | 1148.5 | 1148.5 | 1131.0 | 1131.0 | 1113.5 | 1125.3 |
| 57.5° | 863.0 | 874.5 | 863.0 | 868.7 | 880.5 | 863.0 | 857.0 | 839.5 | 851.2 | 839.5 | 845.4 |
| 60° | 670.5 | 670.5 | 670.5 | 664.7 | 664.7 | 658.7 | 658.7 | 653.0 | 653.0 | 641.2 | 653.0 |
| 62.5° | 495.6 | 501.3 | 501.3 | 501.3 | 507.3 | 501.3 | 495.6 | 501.3 | 495.6 | 495.6 | 501.3 |
| 65° | 326.6 | 332.4 | 332.4 | 326.6 | 338.1 | 326.6 | 332.4 | 338.1 | 343.9 | 338.1 | 343.9 |
| 67.5° | 221.5 | 221.5 | 227.5 | 233.3 | 227.5 | 233.3 | 239.0 | 233.3 | 239.0 | 250.8 | 239.0 |
| 70° | 163.2 | 169.2 | 169.2 | 163.2 | 157.4 | 163.2 | 157.4 | 174.9 | 174.9 | 174.9 | 186.5 |
| 72.5° | 104.9 | 104.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 116.6 | 104.9 | 99.1 | 110.9 |
| 75° | 58.3 | 64.1 | 64.1 | 46.6 | 52.6 | 64.1 | 46.6 | 52.6 | 70.1 | 58.3 | 70.1 |
| 77.5° | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 46.6 | 40.8 | 40.8 | 40.8 | 46.6 |
| 80° | 29.0 | 23.3 | 23.3 | 17.5 | 23.3 | 23.3 | 23.3 | 35.0 | 29.0 | 29.0 | 35.0 |
| 82.5° | 11.8 | 11.8 | 5.8 | 0.0 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 23.3 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.8 | 5.8 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.8 | 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: P248658

CATALOG NUMBER: LD8B200D010 ER8B200827 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 |
| 2.5° | 11928.7 | 11928.7 | 11922.9 | 11911.4 | 11887.9 | 11887.9 | 11882.1 | 11864.6 | 11853.1 | 11847.1 | 11847.1 |
| 5° | 11870.4 | 11847.1 | 11823.8 | 11759.7 | 11759.7 | 11748.0 | 11713.2 | 11689.7 | 11678.2 | 11648.9 | 11637.4 |
| 7.5° | 11818.1 | 11748.0 | 11707.2 | 11666.4 | 11614.1 | 11590.6 | 11549.8 | 11532.2 | 11491.4 | 11462.4 | 11444.9 |
| 10° | 11689.7 | 11643.1 | 11590.6 | 11526.5 | 11485.7 | 11439.1 | 11392.3 | 11357.5 | 11305.0 | 11275.7 | 11252.4 |
| 12.5° | 11602.3 | 11532.2 | 11485.7 | 11415.6 | 11345.8 | 11305.0 | 11240.9 | 11200.1 | 11147.6 | 11089.2 | 11054.2 |
| 15° | 11520.7 | 11444.9 | 11380.8 | 11305.0 | 11229.2 | 11182.6 | 11106.8 | 11060.2 | 10984.4 | 10926.1 | 10885.3 |
| 17.5° | 11398.3 | 11334.0 | 11264.2 | 11170.8 | 11101.0 | 11042.7 | 10960.9 | 10902.8 | 10832.7 | 10756.9 | 10716.1 |
| 20° | 11269.9 | 11194.1 | 11124.3 | 11030.9 | 10960.9 | 10891.0 | 10809.4 | 10745.4 | 10663.5 | 10593.7 | 10547.1 |
| 22.5° | 11101.0 | 11013.4 | 10955.1 | 10861.7 | 10780.1 | 10704.6 | 10628.7 | 10552.9 | 10477.1 | 10418.7 | 10366.2 |
| 25° | 10856.0 | 10762.6 | 10698.6 | 10622.7 | 10547.1 | 10488.8 | 10395.5 | 10348.9 | 10273.1 | 10220.5 | 10168.0 |
| 27.5° | 10506.1 | 10436.3 | 10377.9 | 10302.1 | 10238.0 | 10191.5 | 10121.4 | 10074.8 | 10010.5 | 9964.0 | 9923.2 |
| 30° | 9993.3 | 9934.9 | 9882.4 | 9806.5 | 9760.0 | 9719.2 | 9654.9 | 9614.1 | 9567.5 | 9515.0 | 9503.5 |
| 32.5° | 9305.2 | 9258.4 | 9206.1 | 9153.6 | 9118.5 | 9095.2 | 9042.7 | 9019.4 | 8972.9 | 8943.6 | 8914.5 |
| 35° | 8267.3 | 8226.5 | 8197.5 | 8174.2 | 8162.4 | 8168.2 | 8156.7 | 8180.0 | 8191.5 | 8185.7 | 8191.5 |
| 37.5° | 6909.0 | 6885.5 | 6897.3 | 6914.8 | 6973.1 | 7048.9 | 7118.8 | 7223.6 | 7293.7 | 7363.8 | 7427.9 |
| 40° | 5393.1 | 5410.6 | 5457.1 | 5562.0 | 5713.7 | 5882.9 | 6040.3 | 6238.5 | 6436.7 | 6576.7 | 6704.8 |
| 42.5° | 4069.6 | 4122.1 | 4238.5 | 4390.2 | 4617.7 | 4868.2 | 5113.3 | 5404.6 | 5643.9 | 5876.9 | 6040.3 |
| 45° | 3060.9 | 3130.8 | 3282.4 | 3492.4 | 3743.0 | 4034.5 | 4343.6 | 4670.0 | 4955.8 | 5194.8 | 5375.6 |
| 47.5° | 2384.7 | 2448.8 | 2600.4 | 2821.9 | 3130.8 | 3434.1 | 3754.7 | 4092.9 | 4390.2 | 4623.5 | 4780.9 |
| 50° | 1883.1 | 1964.7 | 2098.9 | 2332.1 | 2641.2 | 2961.8 | 3294.2 | 3626.3 | 3906.4 | 4104.6 | 4244.5 |
| 52.5° | 1480.9 | 1556.8 | 1684.9 | 1929.9 | 2244.8 | 2565.4 | 2874.2 | 3200.9 | 3445.6 | 3638.1 | 3731.5 |
| 55° | 1148.5 | 1218.6 | 1352.5 | 1556.8 | 1854.1 | 2168.9 | 2477.8 | 2757.9 | 2985.1 | 3125.0 | 3212.6 |
| 57.5° | 874.5 | 927.0 | 1020.4 | 1224.4 | 1492.7 | 1784.0 | 2046.6 | 2326.4 | 2501.3 | 2600.4 | 2658.5 |
| 60° | 664.7 | 705.5 | 804.7 | 962.1 | 1206.9 | 1457.6 | 1679.1 | 1889.1 | 2029.0 | 2110.6 | 2168.9 |
| 62.5° | 501.3 | 548.1 | 617.9 | 752.1 | 938.6 | 1142.8 | 1329.2 | 1486.7 | 1603.3 | 1655.9 | 1696.7 |
| 65° | 343.9 | 378.9 | 431.5 | 536.4 | 693.8 | 839.5 | 985.4 | 1102.0 | 1177.8 | 1236.1 | 1259.4 |
| 67.5° | 256.5 | 279.8 | 309.1 | 390.7 | 501.3 | 617.9 | 717.1 | 798.7 | 880.5 | 903.8 | 944.6 |
| 70° | 192.5 | 210.0 | 239.0 | 297.3 | 361.4 | 443.0 | 524.8 | 571.4 | 629.7 | 670.5 | 682.3 |
| 72.5° | 122.4 | 128.1 | 157.4 | 192.5 | 244.8 | 297.3 | 349.9 | 390.7 | 425.7 | 449.0 | 460.5 |
| 75° | 70.1 | 104.9 | 104.9 | 139.9 | 174.9 | 198.2 | 233.3 | 262.3 | 279.8 | 297.3 | 297.3 |
| 77.5° | 46.6 | 64.1 | 70.1 | 87.4 | 104.9 | 134.1 | 163.2 | 180.7 | 198.2 | 204.0 | 204.0 |
| 80° | 40.8 | 46.6 | 46.6 | 64.1 | 75.8 | 99.1 | 116.6 | 122.4 | 134.1 | 139.9 | 151.7 |
| 82.5° | 17.5 | 23.3 | 29.0 | 46.6 | 52.6 | 52.6 | 70.1 | 75.8 | 87.4 | 93.4 | 93.4 |
| 85° | 5.8 | 11.8 | 11.8 | 17.5 | 29.0 | 35.0 | 40.8 | 46.6 | 52.6 | 52.6 | 58.3 |
| 87.5° | 5.8 | 5.8 | 0.0 | 5.8 | 11.8 | 11.8 | 23.3 | 23.3 | 23.3 | 35.0 | 35.0 |
| 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: P248658

CATALOG NUMBER: LD8B200D010 ER8B200827 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 | 11940.5 |
| 2.5° | 11835.6 | 11841.3 | 11818.1 | 11812.3 | 11800.5 | 11806.3 | 11818.1 |
| 5° | 11619.8 | 11625.6 | 11602.3 | 11579.0 | 11579.0 | 11573.0 | 11579.0 |
| 7.5° | 11415.6 | 11421.6 | 11386.6 | 11374.8 | 11351.5 | 11357.5 | 11357.5 |
| 10° | 11211.6 | 11211.6 | 11159.3 | 11153.3 | 11135.8 | 11130.0 | 11130.0 |
| 12.5° | 11013.4 | 10995.9 | 10955.1 | 10931.8 | 10943.6 | 10908.5 | 10908.5 |
| 15° | 10838.5 | 10809.4 | 10756.9 | 10739.4 | 10710.3 | 10698.6 | 10698.6 |
| 17.5° | 10657.8 | 10634.5 | 10587.9 | 10552.9 | 10517.8 | 10512.1 | 10517.8 |
| 20° | 10482.8 | 10459.5 | 10401.2 | 10377.9 | 10348.9 | 10348.9 | 10337.1 |
| 22.5° | 10307.9 | 10284.6 | 10232.3 | 10214.8 | 10174.0 | 10174.0 | 10179.7 |
| 25° | 10127.2 | 10109.6 | 10051.3 | 10039.8 | 10034.0 | 10010.5 | 10022.3 |
| 27.5° | 9882.4 | 9870.6 | 9824.1 | 9806.5 | 9783.3 | 9777.5 | 9789.0 |
| 30° | 9433.4 | 9415.9 | 9381.1 | 9363.5 | 9322.7 | 9328.5 | 9340.0 |
| 32.5° | 8873.7 | 8850.5 | 8803.7 | 8786.2 | 8751.4 | 8739.6 | 8745.4 |
| 35° | 8174.2 | 8156.7 | 8115.9 | 8115.9 | 8080.9 | 8069.1 | 8080.9 |
| 37.5° | 7462.9 | 7480.2 | 7462.9 | 7480.2 | 7462.9 | 7456.9 | 7462.9 |
| 40° | 6792.4 | 6856.5 | 6868.0 | 6932.3 | 6909.0 | 6943.8 | 6938.1 |
| 42.5° | 6150.9 | 6255.8 | 6296.8 | 6349.2 | 6337.6 | 6360.9 | 6378.4 |
| 45° | 5503.7 | 5591.3 | 5632.1 | 5667.1 | 5672.9 | 5684.6 | 5690.4 |
| 47.5° | 4891.5 | 4961.6 | 4967.3 | 5008.1 | 5002.4 | 5002.4 | 5019.9 |
| 50° | 4320.4 | 4366.9 | 4378.4 | 4407.7 | 4384.4 | 4372.7 | 4378.4 |
| 52.5° | 3789.8 | 3836.3 | 3824.6 | 3836.3 | 3807.3 | 3795.5 | 3801.3 |
| 55° | 3247.4 | 3270.7 | 3270.7 | 3270.7 | 3235.9 | 3235.9 | 3235.9 |
| 57.5° | 2693.5 | 2699.5 | 2687.8 | 2693.5 | 2687.8 | 2652.7 | 2647.0 |
| 60° | 2186.5 | 2186.5 | 2180.5 | 2186.5 | 2168.9 | 2151.4 | 2151.4 |
| 62.5° | 1708.2 | 1719.9 | 1743.2 | 1719.9 | 1708.2 | 1719.9 | 1702.4 |
| 65° | 1276.9 | 1300.2 | 1294.2 | 1306.0 | 1300.2 | 1300.2 | 1288.5 |
| 67.5° | 962.1 | 967.8 | 973.6 | 979.6 | 979.6 | 979.6 | 979.6 |
| 70° | 705.5 | 723.1 | 717.1 | 717.1 | 717.1 | 717.1 | 752.1 |
| 72.5° | 472.3 | 495.6 | 489.8 | 501.3 | 501.3 | 513.1 | 501.3 |
| 75° | 320.6 | 343.9 | 332.4 | 349.9 | 343.9 | 332.4 | 361.4 |
| 77.5° | 215.7 | 227.5 | 233.3 | 239.0 | 233.3 | 227.5 | 233.3 |
| 80° | 151.7 | 163.2 | 157.4 | 163.2 | 163.2 | 163.2 | 169.2 |
| 82.5° | 93.4 | 110.9 | 104.9 | 110.9 | 104.9 | 110.9 | 110.9 |
| 85° | 64.1 | 70.1 | 58.3 | 70.1 | 64.1 | 64.1 | 75.8 |
| 87.5° | 40.8 | 35.0 | 35.0 | 40.8 | 35.0 | 40.8 | 35.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)