

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: P248690

Luminaire Tested: **LD8B100D010 ER8B100850 8LBSWOWMH**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P248690
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: LD8B100D010 ER8B100850 8LBSW0WMH
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT
80 CRI 5000 CCT WITH WARM HAZE TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10922.0 lumens
Efficiency: N/A
Efficacy: 102.7 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

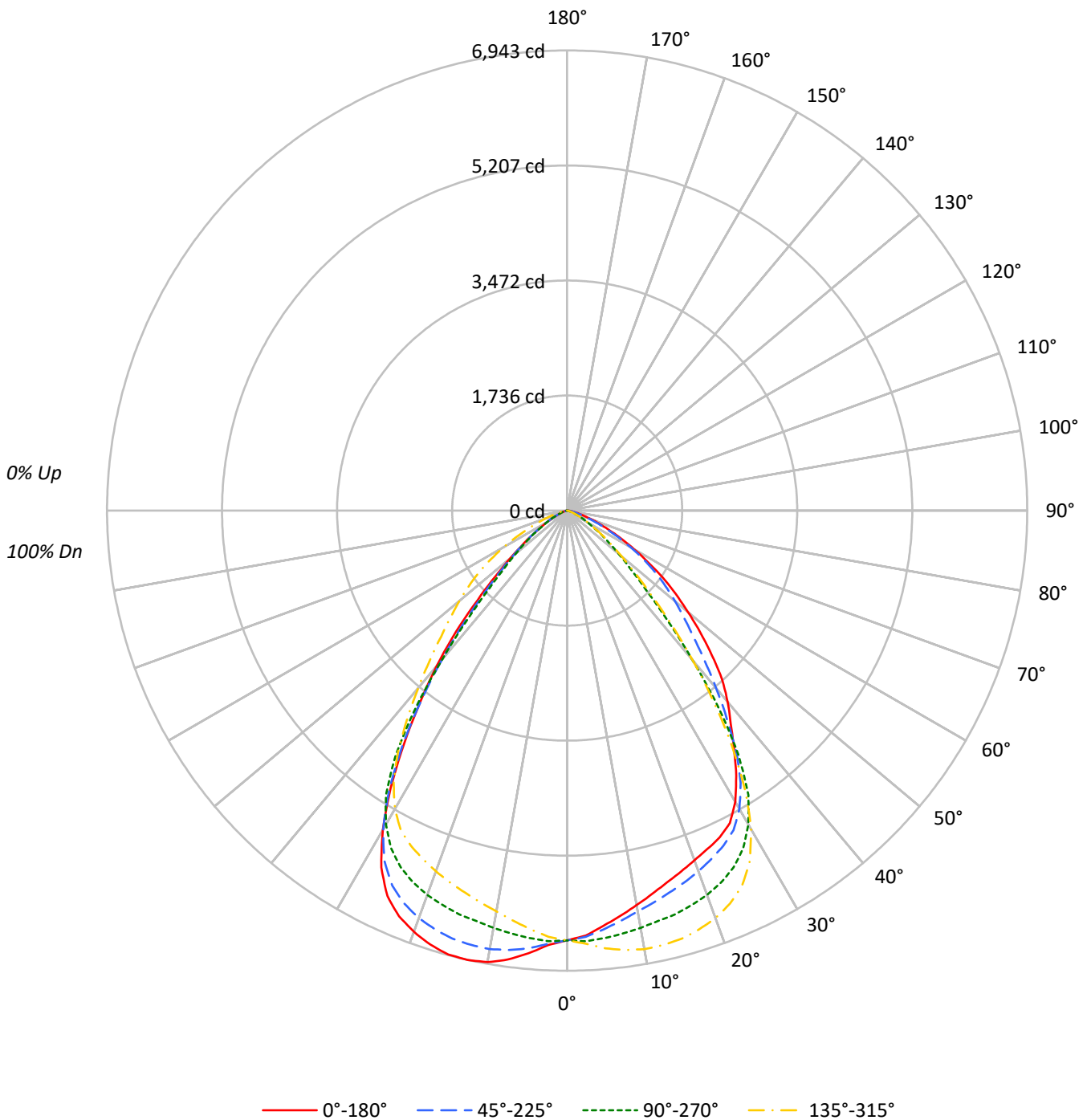
Input Watts (W): 106.3
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P248690

CATALOG NUMBER: LD8B100D010 ER8B100850 8LBSW0WMH

Luminous Intensity Polar Plot





TEST NUMBER: P248690

CATALOG NUMBER: LD8B100D010 ER8B100850 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 | 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° | 199943 | 199943 | 199943 | 199943 |
| 5° | 194633 | 200412 | 207569 | 200412 |
| 10° | 189250 | 200153 | 216607 | 200153 |
| 15° | 185469 | 201339 | 221349 | 201339 |
| 20° | 184206 | 202490 | 221920 | 202490 |
| 25° | 185173 | 202086 | 218353 | 202086 |
| 30° | 180594 | 194687 | 198187 | 194687 |
| 35° | 165190 | 169836 | 161136 | 169836 |
| 40° | 151661 | 118141 | 123370 | 118141 |
| 45° | 134757 | 72073 | 83394 | 72073 |
| 50° | 114060 | 48145 | 53466 | 48145 |
| 55° | 94470 | 32854 | 34725 | 32854 |
| 60° | 72052 | 21869 | 22060 | 21869 |
| 65° | 51054 | 13623 | 12477 | 13623 |
| 70° | 36821 | 9133 | 8286 | 9133 |
| 75° | 23388 | 4539 | 3777 | 4539 |
| 80° | 16320 | 3374 | 2806 | 3374 |
| 85° | 14577 | 0 | 1097 | 0 |



TEST NUMBER: P248690

CATALOG NUMBER: LD8B100D010 ER8B100850 8LBSW0WMH

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 617.2 | 5.7 |
| 10°-20° | 1787.2 | 16.4 |
| 20°-30° | 2706.2 | 24.8 |
| 30°-40° | 2712.2 | 24.8 |
| 40°-50° | 1703.2 | 15.6 |
| 50°-60° | 907.6 | 8.3 |
| 60°-70° | 373.2 | 3.4 |
| 70°-80° | 98.6 | 0.9 |
| 80°-90° | 16.7 | 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° | 5110.5 | 46.8 |
| 0°-40° | 7822.7 | 71.6 |
| 0°-60° | 10433.5 | 95.5 |
| 0°-90° | 10922.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 10922.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 6484 | 6484 | 6484 | 6484 | 6484 | |
| 5° | 6288 | 6474 | 6706 | 6474 | 6288 | 593 |
| 15° | 5810 | 6307 | 6934 | 6307 | 5810 | 1643 |
| 25° | 5442 | 5940 | 6418 | 5940 | 5442 | 2496 |
| 35° | 4388 | 4512 | 4280 | 4512 | 4388 | 2749 |
| 45° | 3090 | 1653 | 1912 | 1653 | 3090 | 2377 |
| 55° | 1757 | 611 | 646 | 611 | 1757 | 1567 |
| 65° | 700 | 187 | 171 | 187 | 700 | 726 |
| 75° | 196 | 38 | 32 | 38 | 196 | 222 |
| 85° | 41 | 0 | 3 | 0 | 41 | 45 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P248690

CATALOG NUMBER: LD8B100D010 ER8B100850 8LBSW0WMH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 |
| 2.5° | 6417.6 | 6411.2 | 6408.1 | 6414.5 | 6417.6 | 6430.2 | 6427.1 | 6433.4 | 6433.4 | 6436.6 | 6442.9 |
| 5° | 6287.8 | 6284.5 | 6287.8 | 6287.8 | 6300.4 | 6313.1 | 6309.9 | 6319.5 | 6325.7 | 6341.6 | 6347.9 |
| 7.5° | 6167.5 | 6167.5 | 6164.2 | 6176.9 | 6183.3 | 6202.3 | 6199.0 | 6214.9 | 6224.5 | 6240.2 | 6262.4 |
| 10° | 6044.0 | 6044.0 | 6047.1 | 6056.6 | 6059.9 | 6088.3 | 6088.3 | 6110.4 | 6123.1 | 6139.0 | 6167.5 |
| 12.5° | 5923.7 | 5923.7 | 5942.7 | 5936.3 | 5949.0 | 5971.1 | 5980.6 | 6002.8 | 6021.8 | 6053.5 | 6082.0 |
| 15° | 5809.7 | 5809.7 | 5816.0 | 5831.8 | 5841.3 | 5869.9 | 5885.6 | 5911.0 | 5933.2 | 5964.9 | 6006.0 |
| 17.5° | 5711.5 | 5708.4 | 5711.5 | 5730.6 | 5749.6 | 5774.9 | 5787.5 | 5819.2 | 5841.3 | 5882.5 | 5920.6 |
| 20° | 5613.4 | 5619.8 | 5619.8 | 5635.6 | 5648.2 | 5679.9 | 5692.5 | 5727.4 | 5752.7 | 5790.6 | 5835.1 |
| 22.5° | 5527.9 | 5524.8 | 5524.8 | 5546.9 | 5556.5 | 5584.9 | 5597.5 | 5629.2 | 5657.7 | 5689.4 | 5730.6 |
| 25° | 5442.4 | 5436.0 | 5448.8 | 5451.9 | 5458.2 | 5489.9 | 5499.4 | 5521.5 | 5550.1 | 5578.6 | 5619.8 |
| 27.5° | 5315.8 | 5309.5 | 5312.6 | 5325.3 | 5334.8 | 5360.1 | 5366.4 | 5388.6 | 5410.8 | 5436.0 | 5471.0 |
| 30° | 5071.9 | 5065.7 | 5062.5 | 5084.7 | 5094.2 | 5113.1 | 5122.6 | 5160.7 | 5166.9 | 5195.5 | 5220.8 |
| 32.5° | 4749.0 | 4745.9 | 4752.3 | 4771.2 | 4780.7 | 4806.1 | 4818.7 | 4840.9 | 4856.6 | 4872.5 | 4897.8 |
| 35° | 4388.2 | 4381.8 | 4388.2 | 4407.2 | 4407.2 | 4429.3 | 4438.9 | 4448.2 | 4445.1 | 4448.2 | 4442.0 |
| 37.5° | 4052.6 | 4049.3 | 4052.6 | 4062.0 | 4052.6 | 4062.0 | 4052.6 | 4033.6 | 3998.8 | 3960.7 | 3922.7 |
| 40° | 3767.6 | 3770.7 | 3751.8 | 3764.5 | 3729.5 | 3723.3 | 3688.5 | 3640.9 | 3571.3 | 3495.4 | 3387.7 |
| 42.5° | 3463.7 | 3454.2 | 3441.5 | 3447.8 | 3419.4 | 3397.1 | 3340.2 | 3280.1 | 3191.3 | 3064.8 | 2934.9 |
| 45° | 3090.1 | 3086.9 | 3080.6 | 3077.4 | 3058.4 | 3036.3 | 2988.7 | 2919.1 | 2821.0 | 2691.2 | 2536.0 |
| 47.5° | 2726.0 | 2716.5 | 2716.5 | 2719.6 | 2697.4 | 2694.3 | 2656.2 | 2596.2 | 2510.7 | 2384.0 | 2222.6 |
| 50° | 2377.6 | 2374.5 | 2380.9 | 2393.5 | 2377.6 | 2371.4 | 2346.1 | 2304.9 | 2228.9 | 2121.3 | 1969.2 |
| 52.5° | 2064.2 | 2061.1 | 2067.5 | 2083.2 | 2076.9 | 2083.2 | 2058.0 | 2026.3 | 1975.6 | 1871.1 | 1738.2 |
| 55° | 1757.2 | 1757.2 | 1757.2 | 1776.1 | 1776.1 | 1776.1 | 1763.4 | 1744.6 | 1697.0 | 1621.0 | 1497.6 |
| 57.5° | 1437.4 | 1440.5 | 1459.5 | 1462.7 | 1459.5 | 1465.9 | 1462.7 | 1443.7 | 1412.1 | 1358.3 | 1263.3 |
| 60° | 1168.3 | 1168.3 | 1177.8 | 1187.3 | 1184.1 | 1187.3 | 1187.3 | 1177.8 | 1146.1 | 1101.8 | 1025.9 |
| 62.5° | 924.5 | 934.0 | 927.6 | 934.0 | 946.6 | 934.0 | 927.6 | 921.3 | 899.2 | 870.6 | 807.3 |
| 65° | 699.7 | 706.1 | 706.1 | 709.2 | 702.8 | 706.1 | 693.4 | 683.9 | 671.3 | 639.6 | 598.4 |
| 67.5° | 532.0 | 532.0 | 532.0 | 532.0 | 528.7 | 525.6 | 522.4 | 512.9 | 490.8 | 478.1 | 433.7 |
| 70° | 408.4 | 389.4 | 389.4 | 389.4 | 389.4 | 392.6 | 383.1 | 370.5 | 364.1 | 342.0 | 310.3 |
| 72.5° | 272.2 | 278.6 | 272.2 | 272.2 | 266.0 | 269.1 | 256.5 | 250.1 | 243.8 | 231.2 | 212.2 |
| 75° | 196.3 | 180.5 | 186.7 | 190.0 | 180.5 | 186.7 | 174.1 | 161.5 | 161.5 | 151.9 | 142.4 |
| 77.5° | 126.7 | 123.5 | 126.7 | 129.8 | 126.7 | 123.5 | 117.2 | 110.8 | 110.8 | 107.6 | 98.1 |
| 80° | 91.9 | 88.6 | 88.6 | 88.6 | 85.5 | 88.6 | 82.4 | 82.4 | 76.0 | 72.8 | 66.5 |
| 82.5° | 60.2 | 60.2 | 56.9 | 60.2 | 56.9 | 60.2 | 50.7 | 50.7 | 50.7 | 47.4 | 41.2 |
| 85° | 41.2 | 34.8 | 34.8 | 38.1 | 31.7 | 38.1 | 34.8 | 31.7 | 28.5 | 28.5 | 25.3 |
| 87.5° | 19.0 | 22.2 | 19.0 | 22.2 | 19.0 | 19.0 | 22.2 | 19.0 | 19.0 | 12.6 | 12.6 |
| 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: P248690

CATALOG NUMBER: LD8B100D010 ER8B100850 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 |
| 2.5° | 6452.4 | 6455.5 | 6455.5 | 6468.3 | 6474.5 | 6477.7 | 6477.7 | 6503.1 | 6493.6 | 6499.9 | 6506.2 |
| 5° | 6360.6 | 6379.5 | 6385.9 | 6385.9 | 6420.7 | 6433.4 | 6446.0 | 6474.5 | 6477.7 | 6496.7 | 6518.8 |
| 7.5° | 6271.9 | 6294.0 | 6306.8 | 6335.2 | 6357.4 | 6379.5 | 6417.6 | 6436.6 | 6455.5 | 6480.9 | 6509.3 |
| 10° | 6186.4 | 6211.8 | 6237.1 | 6259.2 | 6294.0 | 6322.6 | 6347.9 | 6392.2 | 6414.5 | 6449.3 | 6487.2 |
| 12.5° | 6104.2 | 6139.0 | 6161.1 | 6199.0 | 6237.1 | 6262.4 | 6300.4 | 6341.6 | 6376.4 | 6411.2 | 6455.5 |
| 15° | 6031.3 | 6072.5 | 6097.8 | 6139.0 | 6180.1 | 6214.9 | 6256.1 | 6306.8 | 6332.1 | 6373.3 | 6414.5 |
| 17.5° | 5952.1 | 5996.5 | 6028.2 | 6066.1 | 6116.8 | 6154.7 | 6189.7 | 6240.2 | 6271.9 | 6316.2 | 6363.8 |
| 20° | 5869.9 | 5914.2 | 5952.1 | 5990.1 | 6040.8 | 6078.8 | 6119.9 | 6170.6 | 6205.4 | 6249.7 | 6287.8 |
| 22.5° | 5771.7 | 5812.9 | 5854.0 | 5898.3 | 5949.0 | 5980.6 | 6028.2 | 6072.5 | 6110.4 | 6151.6 | 6189.7 |
| 25° | 5645.1 | 5695.8 | 5727.4 | 5768.5 | 5809.7 | 5844.5 | 5895.1 | 5939.5 | 5971.1 | 6009.2 | 6044.0 |
| 27.5° | 5496.2 | 5534.3 | 5559.6 | 5594.4 | 5635.6 | 5667.2 | 5705.1 | 5749.6 | 5781.2 | 5816.0 | 5841.3 |
| 30° | 5242.9 | 5277.8 | 5300.0 | 5325.3 | 5366.4 | 5395.0 | 5426.7 | 5467.7 | 5489.9 | 5515.3 | 5537.4 |
| 32.5° | 4910.5 | 4939.0 | 4951.6 | 4970.7 | 4999.2 | 5027.6 | 5053.0 | 5087.8 | 5097.3 | 5113.1 | 5113.1 |
| 35° | 4429.3 | 4435.6 | 4432.5 | 4438.9 | 4451.5 | 4467.3 | 4489.4 | 4511.6 | 4524.2 | 4524.2 | 4514.8 |
| 37.5° | 3865.7 | 3827.8 | 3786.6 | 3754.9 | 3745.4 | 3739.1 | 3751.8 | 3761.2 | 3774.0 | 3780.2 | 3764.5 |
| 40° | 3280.1 | 3194.6 | 3102.7 | 3020.4 | 2963.4 | 2938.1 | 2928.6 | 2934.9 | 2934.9 | 2957.0 | 2957.0 |
| 42.5° | 2776.7 | 2643.6 | 2507.6 | 2384.0 | 2301.7 | 2238.5 | 2209.9 | 2209.9 | 2213.0 | 2228.9 | 2238.5 |
| 45° | 2358.7 | 2190.9 | 2032.6 | 1896.5 | 1782.5 | 1700.1 | 1662.2 | 1652.7 | 1649.6 | 1655.8 | 1678.0 |
| 47.5° | 2038.9 | 1864.8 | 1700.1 | 1532.4 | 1412.1 | 1329.8 | 1295.0 | 1282.2 | 1269.5 | 1282.2 | 1285.4 |
| 50° | 1788.9 | 1608.4 | 1434.3 | 1266.4 | 1139.8 | 1066.9 | 1022.6 | 1003.6 | 1000.4 | 1000.4 | 1006.8 |
| 52.5° | 1560.8 | 1393.1 | 1219.0 | 1048.0 | 915.0 | 845.4 | 804.2 | 794.7 | 782.0 | 794.7 | 794.7 |
| 55° | 1345.5 | 1177.8 | 1006.8 | 845.4 | 734.5 | 661.7 | 623.7 | 611.1 | 604.7 | 614.2 | 614.2 |
| 57.5° | 1111.3 | 968.8 | 810.6 | 664.9 | 554.1 | 503.4 | 474.9 | 459.1 | 455.8 | 462.2 | 455.8 |
| 60° | 911.8 | 791.5 | 655.4 | 522.4 | 437.0 | 383.1 | 361.0 | 354.6 | 348.2 | 354.6 | 354.6 |
| 62.5° | 721.8 | 620.6 | 509.7 | 408.4 | 335.6 | 297.6 | 272.2 | 272.2 | 269.1 | 269.1 | 272.2 |
| 65° | 535.1 | 455.8 | 376.7 | 291.3 | 234.3 | 205.8 | 186.7 | 186.7 | 183.6 | 186.7 | 183.6 |
| 67.5° | 389.4 | 335.6 | 272.2 | 212.2 | 167.8 | 151.9 | 139.3 | 129.8 | 136.2 | 129.8 | 126.7 |
| 70° | 285.0 | 240.6 | 196.3 | 161.5 | 129.8 | 114.0 | 104.5 | 101.3 | 95.0 | 95.0 | 95.0 |
| 72.5° | 190.0 | 161.5 | 132.9 | 104.5 | 85.5 | 69.6 | 66.5 | 60.2 | 53.8 | 56.9 | 63.3 |
| 75° | 126.7 | 107.6 | 95.0 | 76.0 | 56.9 | 56.9 | 38.1 | 38.1 | 31.7 | 38.1 | 28.5 |
| 77.5° | 88.6 | 72.8 | 56.9 | 47.4 | 38.1 | 34.8 | 25.3 | 25.3 | 22.2 | 22.2 | 22.2 |
| 80° | 63.3 | 53.8 | 41.2 | 34.8 | 25.3 | 25.3 | 22.2 | 19.0 | 15.8 | 15.8 | 19.0 |
| 82.5° | 38.1 | 28.5 | 28.5 | 25.3 | 15.8 | 12.6 | 9.5 | 12.6 | 6.4 | 6.4 | 6.4 |
| 85° | 22.2 | 19.0 | 15.8 | 9.5 | 6.4 | 6.4 | 3.1 | 0.0 | 3.1 | 3.1 | 0.0 |
| 87.5° | 12.6 | 6.4 | 6.4 | 3.1 | 0.0 | 3.1 | 3.1 | 0.0 | 0.0 | 0.0 | 6.4 |
| 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: P248690

CATALOG NUMBER: LD8B100D010 ER8B100850 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 |
| 2.5° | 6522.1 | 6518.8 | 6525.2 | 6525.2 | 6544.3 | 6541.0 | 6550.5 | 6550.5 | 6544.3 | 6547.4 | 6560.0 |
| 5° | 6544.3 | 6553.8 | 6572.7 | 6588.6 | 6617.0 | 6629.7 | 6645.5 | 6661.4 | 6664.5 | 6674.0 | 6683.6 |
| 7.5° | 6544.3 | 6575.9 | 6598.1 | 6626.5 | 6664.5 | 6686.7 | 6721.5 | 6750.0 | 6762.7 | 6778.4 | 6797.5 |
| 10° | 6531.5 | 6563.1 | 6604.3 | 6636.0 | 6683.6 | 6718.4 | 6753.1 | 6797.5 | 6816.5 | 6841.8 | 6867.2 |
| 12.5° | 6506.2 | 6541.0 | 6585.3 | 6626.5 | 6680.3 | 6712.0 | 6756.3 | 6797.5 | 6826.0 | 6860.8 | 6889.3 |
| 15° | 6468.3 | 6509.3 | 6550.5 | 6591.7 | 6648.6 | 6686.7 | 6727.9 | 6775.3 | 6803.8 | 6841.8 | 6867.2 |
| 17.5° | 6408.1 | 6452.4 | 6490.4 | 6528.4 | 6582.2 | 6626.5 | 6664.5 | 6708.8 | 6737.4 | 6769.0 | 6803.8 |
| 20° | 6335.2 | 6376.4 | 6417.6 | 6449.3 | 6503.1 | 6541.0 | 6582.2 | 6623.4 | 6645.5 | 6651.9 | 6705.7 |
| 22.5° | 6243.5 | 6271.9 | 6303.6 | 6354.2 | 6385.9 | 6420.7 | 6458.8 | 6496.7 | 6518.8 | 6553.8 | 6572.7 |
| 25° | 6091.4 | 6119.9 | 6154.7 | 6176.9 | 6214.9 | 6243.5 | 6281.4 | 6322.6 | 6335.2 | 6360.6 | 6379.5 |
| 27.5° | 5879.4 | 5895.1 | 5911.0 | 5929.9 | 5952.1 | 5968.0 | 5990.1 | 6009.2 | 6021.8 | 6034.5 | 6047.1 |
| 30° | 5543.7 | 5543.7 | 5543.7 | 5531.0 | 5540.6 | 5550.1 | 5553.2 | 5550.1 | 5550.1 | 5546.9 | 5546.9 |
| 32.5° | 5100.5 | 5075.2 | 5046.7 | 5021.4 | 5011.9 | 4999.2 | 4992.8 | 4983.3 | 4967.5 | 4958.0 | 4961.2 |
| 35° | 4502.1 | 4445.1 | 4410.3 | 4378.6 | 4353.4 | 4334.3 | 4324.8 | 4315.3 | 4312.2 | 4299.5 | 4286.8 |
| 37.5° | 3754.9 | 3713.8 | 3688.5 | 3669.5 | 3647.3 | 3628.3 | 3631.4 | 3634.7 | 3644.1 | 3637.8 | 3640.9 |
| 40° | 2963.4 | 2953.9 | 2963.4 | 2941.3 | 2934.9 | 2941.3 | 2957.0 | 2979.3 | 2991.9 | 3004.6 | 3026.7 |
| 42.5° | 2254.2 | 2270.0 | 2292.3 | 2292.3 | 2301.7 | 2314.4 | 2333.3 | 2368.2 | 2387.1 | 2409.3 | 2434.7 |
| 45° | 1697.0 | 1716.0 | 1744.6 | 1753.9 | 1760.3 | 1776.1 | 1798.4 | 1826.8 | 1839.4 | 1858.4 | 1880.6 |
| 47.5° | 1307.6 | 1320.2 | 1336.0 | 1351.9 | 1367.7 | 1374.1 | 1396.2 | 1396.2 | 1412.1 | 1424.8 | 1431.0 |
| 50° | 1019.5 | 1032.1 | 1044.8 | 1054.3 | 1060.6 | 1070.2 | 1076.4 | 1085.9 | 1089.1 | 1095.4 | 1098.6 |
| 52.5° | 797.8 | 813.7 | 813.7 | 820.0 | 829.5 | 839.0 | 835.9 | 839.0 | 842.1 | 842.1 | 851.6 |
| 55° | 623.7 | 623.7 | 633.2 | 633.2 | 639.6 | 636.3 | 639.6 | 639.6 | 639.6 | 639.6 | 642.7 |
| 57.5° | 465.4 | 468.6 | 478.1 | 471.7 | 468.6 | 474.9 | 468.6 | 474.9 | 471.7 | 478.1 | 468.6 |
| 60° | 357.7 | 357.7 | 361.0 | 361.0 | 364.1 | 364.1 | 364.1 | 361.0 | 361.0 | 357.7 | 357.7 |
| 62.5° | 269.1 | 272.2 | 275.5 | 272.2 | 272.2 | 272.2 | 269.1 | 269.1 | 266.0 | 262.7 | 262.7 |
| 65° | 180.5 | 177.4 | 183.6 | 177.4 | 180.5 | 180.5 | 177.4 | 180.5 | 171.0 | 174.1 | 171.0 |
| 67.5° | 129.8 | 126.7 | 123.5 | 126.7 | 123.5 | 120.3 | 120.3 | 123.5 | 126.7 | 117.2 | 117.2 |
| 70° | 85.5 | 88.6 | 85.5 | 88.6 | 91.9 | 91.9 | 88.6 | 85.5 | 88.6 | 82.4 | 85.5 |
| 72.5° | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 56.9 | 56.9 | 56.9 | 50.7 | 50.7 | 47.4 |
| 75° | 25.3 | 34.8 | 28.5 | 25.3 | 34.8 | 34.8 | 31.7 | 31.7 | 28.5 | 28.5 | 28.5 |
| 77.5° | 25.3 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 15.8 | 19.0 | 15.8 |
| 80° | 12.6 | 12.6 | 12.6 | 9.5 | 12.6 | 12.6 | 15.8 | 12.6 | 12.6 | 9.5 | 15.8 |
| 82.5° | 6.4 | 6.4 | 6.4 | 0.0 | 3.1 | 6.4 | 6.4 | 3.1 | 6.4 | 6.4 | 3.1 |
| 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: P248690

CATALOG NUMBER: LD8B100D010 ER8B100850 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 |
| 2.5° | 6556.9 | 6553.8 | 6556.9 | 6560.0 | 6556.9 | 6553.8 | 6556.9 | 6560.0 | 6547.4 | 6544.3 | 6550.5 |
| 5° | 6696.2 | 6696.2 | 6702.5 | 6705.7 | 6702.5 | 6696.2 | 6696.2 | 6683.6 | 6674.0 | 6664.5 | 6661.4 |
| 7.5° | 6816.5 | 6822.9 | 6829.1 | 6832.3 | 6829.1 | 6822.9 | 6816.5 | 6797.5 | 6778.4 | 6762.7 | 6750.0 |
| 10° | 6889.3 | 6898.8 | 6911.5 | 6917.7 | 6911.5 | 6898.8 | 6889.3 | 6867.2 | 6841.8 | 6816.5 | 6797.5 |
| 12.5° | 6921.0 | 6930.5 | 6946.3 | 6943.2 | 6946.3 | 6930.5 | 6921.0 | 6889.3 | 6860.8 | 6826.0 | 6797.5 |
| 15° | 6898.8 | 6911.5 | 6927.3 | 6933.6 | 6927.3 | 6911.5 | 6898.8 | 6867.2 | 6841.8 | 6803.8 | 6775.3 |
| 17.5° | 6829.1 | 6848.2 | 6857.7 | 6867.2 | 6857.7 | 6848.2 | 6829.1 | 6803.8 | 6769.0 | 6737.4 | 6708.8 |
| 20° | 6734.1 | 6746.9 | 6759.5 | 6762.7 | 6759.5 | 6746.9 | 6734.1 | 6705.7 | 6651.9 | 6645.5 | 6623.4 |
| 22.5° | 6598.1 | 6607.6 | 6636.0 | 6626.5 | 6636.0 | 6607.6 | 6598.1 | 6572.7 | 6553.8 | 6518.8 | 6496.7 |
| 25° | 6401.7 | 6411.2 | 6414.5 | 6417.6 | 6414.5 | 6411.2 | 6401.7 | 6379.5 | 6360.6 | 6335.2 | 6322.6 |
| 27.5° | 6063.0 | 6063.0 | 6069.2 | 6072.5 | 6069.2 | 6063.0 | 6063.0 | 6047.1 | 6034.5 | 6021.8 | 6009.2 |
| 30° | 5550.1 | 5550.1 | 5550.1 | 5566.0 | 5550.1 | 5550.1 | 5550.1 | 5546.9 | 5546.9 | 5550.1 | 5550.1 |
| 32.5° | 4958.0 | 4951.6 | 4945.4 | 4951.6 | 4945.4 | 4951.6 | 4958.0 | 4961.2 | 4958.0 | 4967.5 | 4983.3 |
| 35° | 4286.8 | 4283.6 | 4293.2 | 4280.5 | 4293.2 | 4283.6 | 4286.8 | 4286.8 | 4299.5 | 4312.2 | 4315.3 |
| 37.5° | 3644.1 | 3637.8 | 3650.4 | 3637.8 | 3650.4 | 3637.8 | 3644.1 | 3640.9 | 3637.8 | 3644.1 | 3634.7 |
| 40° | 3033.1 | 3039.4 | 3039.4 | 3064.8 | 3039.4 | 3039.4 | 3033.1 | 3026.7 | 3004.6 | 2991.9 | 2979.3 |
| 42.5° | 2447.4 | 2466.4 | 2460.0 | 2479.0 | 2460.0 | 2466.4 | 2447.4 | 2434.7 | 2409.3 | 2387.1 | 2368.2 |
| 45° | 1893.2 | 1906.0 | 1906.0 | 1912.3 | 1906.0 | 1906.0 | 1893.2 | 1880.6 | 1858.4 | 1839.4 | 1826.8 |
| 47.5° | 1453.2 | 1453.2 | 1453.2 | 1456.4 | 1453.2 | 1453.2 | 1453.2 | 1431.0 | 1424.8 | 1412.1 | 1396.2 |
| 50° | 1105.0 | 1108.1 | 1111.3 | 1114.5 | 1111.3 | 1108.1 | 1105.0 | 1098.6 | 1095.4 | 1089.1 | 1085.9 |
| 52.5° | 848.5 | 851.6 | 845.4 | 851.6 | 845.4 | 851.6 | 848.5 | 851.6 | 842.1 | 842.1 | 839.0 |
| 55° | 642.7 | 639.6 | 642.7 | 645.9 | 642.7 | 639.6 | 642.7 | 642.7 | 639.6 | 639.6 | 639.6 |
| 57.5° | 471.7 | 465.4 | 465.4 | 465.4 | 465.4 | 465.4 | 471.7 | 468.6 | 478.1 | 471.7 | 474.9 |
| 60° | 351.5 | 354.6 | 354.6 | 357.7 | 354.6 | 354.6 | 351.5 | 357.7 | 357.7 | 361.0 | 361.0 |
| 62.5° | 259.6 | 269.1 | 262.7 | 269.1 | 262.7 | 269.1 | 259.6 | 262.7 | 262.7 | 266.0 | 269.1 |
| 65° | 167.8 | 167.8 | 167.8 | 171.0 | 167.8 | 167.8 | 167.8 | 171.0 | 174.1 | 171.0 | 180.5 |
| 67.5° | 114.0 | 117.2 | 123.5 | 120.3 | 123.5 | 117.2 | 114.0 | 117.2 | 117.2 | 126.7 | 123.5 |
| 70° | 91.9 | 82.4 | 82.4 | 91.9 | 82.4 | 82.4 | 91.9 | 85.5 | 82.4 | 88.6 | 85.5 |
| 72.5° | 53.8 | 47.4 | 53.8 | 53.8 | 53.8 | 47.4 | 53.8 | 47.4 | 50.7 | 50.7 | 56.9 |
| 75° | 28.5 | 25.3 | 22.2 | 31.7 | 22.2 | 25.3 | 28.5 | 28.5 | 28.5 | 28.5 | 31.7 |
| 77.5° | 19.0 | 15.8 | 22.2 | 22.2 | 22.2 | 15.8 | 19.0 | 15.8 | 19.0 | 15.8 | 19.0 |
| 80° | 9.5 | 12.6 | 9.5 | 15.8 | 9.5 | 12.6 | 9.5 | 15.8 | 9.5 | 12.6 | 12.6 |
| 82.5° | 3.1 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 3.1 | 3.1 | 6.4 | 6.4 | 3.1 |
| 85° | 0.0 | 6.4 | 3.1 | 3.1 | 3.1 | 6.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 3.1 | 0.0 | 0.0 | 3.1 | 0.0 | 0.0 | 3.1 | 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: P248690

CATALOG NUMBER: LD8B100D010 ER8B100850 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 |
| 2.5° | 6550.5 | 6541.0 | 6544.3 | 6525.2 | 6525.2 | 6518.8 | 6522.1 | 6506.2 | 6499.9 | 6493.6 | 6503.1 |
| 5° | 6645.5 | 6629.7 | 6617.0 | 6588.6 | 6572.7 | 6553.8 | 6544.3 | 6518.8 | 6496.7 | 6477.7 | 6474.5 |
| 7.5° | 6721.5 | 6686.7 | 6664.5 | 6626.5 | 6598.1 | 6575.9 | 6544.3 | 6509.3 | 6480.9 | 6455.5 | 6436.6 |
| 10° | 6753.1 | 6718.4 | 6683.6 | 6636.0 | 6604.3 | 6563.1 | 6531.5 | 6487.2 | 6449.3 | 6414.5 | 6392.2 |
| 12.5° | 6756.3 | 6712.0 | 6680.3 | 6626.5 | 6585.3 | 6541.0 | 6506.2 | 6455.5 | 6411.2 | 6376.4 | 6341.6 |
| 15° | 6727.9 | 6686.7 | 6648.6 | 6591.7 | 6550.5 | 6509.3 | 6468.3 | 6414.5 | 6373.3 | 6332.1 | 6306.8 |
| 17.5° | 6664.5 | 6626.5 | 6582.2 | 6528.4 | 6490.4 | 6452.4 | 6408.1 | 6363.8 | 6316.2 | 6271.9 | 6240.2 |
| 20° | 6582.2 | 6541.0 | 6503.1 | 6449.3 | 6417.6 | 6376.4 | 6335.2 | 6287.8 | 6249.7 | 6205.4 | 6170.6 |
| 22.5° | 6458.8 | 6420.7 | 6385.9 | 6354.2 | 6303.6 | 6271.9 | 6243.5 | 6189.7 | 6151.6 | 6110.4 | 6072.5 |
| 25° | 6281.4 | 6243.5 | 6214.9 | 6176.9 | 6154.7 | 6119.9 | 6091.4 | 6044.0 | 6009.2 | 5971.1 | 5939.5 |
| 27.5° | 5990.1 | 5968.0 | 5952.1 | 5929.9 | 5911.0 | 5895.1 | 5879.4 | 5841.3 | 5816.0 | 5781.2 | 5749.6 |
| 30° | 5553.2 | 5550.1 | 5540.6 | 5531.0 | 5543.7 | 5543.7 | 5543.7 | 5537.4 | 5515.3 | 5489.9 | 5467.7 |
| 32.5° | 4992.8 | 4999.2 | 5011.9 | 5021.4 | 5046.7 | 5075.2 | 5100.5 | 5113.1 | 5113.1 | 5097.3 | 5087.8 |
| 35° | 4324.8 | 4334.3 | 4353.4 | 4378.6 | 4410.3 | 4445.1 | 4502.1 | 4514.8 | 4524.2 | 4524.2 | 4511.6 |
| 37.5° | 3631.4 | 3628.3 | 3647.3 | 3669.5 | 3688.5 | 3713.8 | 3754.9 | 3764.5 | 3780.2 | 3774.0 | 3761.2 |
| 40° | 2957.0 | 2941.3 | 2934.9 | 2941.3 | 2963.4 | 2953.9 | 2963.4 | 2957.0 | 2957.0 | 2934.9 | 2934.9 |
| 42.5° | 2333.3 | 2314.4 | 2301.7 | 2292.3 | 2292.3 | 2270.0 | 2254.2 | 2238.5 | 2228.9 | 2213.0 | 2209.9 |
| 45° | 1798.4 | 1776.1 | 1760.3 | 1753.9 | 1744.6 | 1716.0 | 1697.0 | 1678.0 | 1655.8 | 1649.6 | 1652.7 |
| 47.5° | 1396.2 | 1374.1 | 1367.7 | 1351.9 | 1336.0 | 1320.2 | 1307.6 | 1285.4 | 1282.2 | 1269.5 | 1282.2 |
| 50° | 1076.4 | 1070.2 | 1060.6 | 1054.3 | 1044.8 | 1032.1 | 1019.5 | 1006.8 | 1000.4 | 1000.4 | 1003.6 |
| 52.5° | 835.9 | 839.0 | 829.5 | 820.0 | 813.7 | 813.7 | 797.8 | 794.7 | 794.7 | 782.0 | 794.7 |
| 55° | 639.6 | 636.3 | 639.6 | 633.2 | 633.2 | 623.7 | 623.7 | 614.2 | 614.2 | 604.7 | 611.1 |
| 57.5° | 468.6 | 474.9 | 468.6 | 471.7 | 478.1 | 468.6 | 465.4 | 455.8 | 462.2 | 455.8 | 459.1 |
| 60° | 364.1 | 364.1 | 364.1 | 361.0 | 361.0 | 357.7 | 357.7 | 354.6 | 354.6 | 348.2 | 354.6 |
| 62.5° | 269.1 | 272.2 | 272.2 | 272.2 | 275.5 | 272.2 | 269.1 | 272.2 | 269.1 | 269.1 | 272.2 |
| 65° | 177.4 | 180.5 | 180.5 | 177.4 | 183.6 | 177.4 | 180.5 | 183.6 | 186.7 | 183.6 | 186.7 |
| 67.5° | 120.3 | 120.3 | 123.5 | 126.7 | 123.5 | 126.7 | 129.8 | 126.7 | 129.8 | 136.2 | 129.8 |
| 70° | 88.6 | 91.9 | 91.9 | 88.6 | 85.5 | 88.6 | 85.5 | 95.0 | 95.0 | 95.0 | 101.3 |
| 72.5° | 56.9 | 56.9 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 63.3 | 56.9 | 53.8 | 60.2 |
| 75° | 31.7 | 34.8 | 34.8 | 25.3 | 28.5 | 34.8 | 25.3 | 28.5 | 38.1 | 31.7 | 38.1 |
| 77.5° | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 25.3 | 22.2 | 22.2 | 22.2 | 25.3 |
| 80° | 15.8 | 12.6 | 12.6 | 9.5 | 12.6 | 12.6 | 12.6 | 19.0 | 15.8 | 15.8 | 19.0 |
| 82.5° | 6.4 | 6.4 | 3.1 | 0.0 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 12.6 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.1 | 3.1 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.4 | 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: P248690

CATALOG NUMBER: LD8B100D010 ER8B100850 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 |
| 2.5° | 6477.7 | 6477.7 | 6474.5 | 6468.3 | 6455.5 | 6455.5 | 6452.4 | 6442.9 | 6436.6 | 6433.4 | 6433.4 |
| 5° | 6446.0 | 6433.4 | 6420.7 | 6385.9 | 6385.9 | 6379.5 | 6360.6 | 6347.9 | 6341.6 | 6325.7 | 6319.5 |
| 7.5° | 6417.6 | 6379.5 | 6357.4 | 6335.2 | 6306.8 | 6294.0 | 6271.9 | 6262.4 | 6240.2 | 6224.5 | 6214.9 |
| 10° | 6347.9 | 6322.6 | 6294.0 | 6259.2 | 6237.1 | 6211.8 | 6186.4 | 6167.5 | 6139.0 | 6123.1 | 6110.4 |
| 12.5° | 6300.4 | 6262.4 | 6237.1 | 6199.0 | 6161.1 | 6139.0 | 6104.2 | 6082.0 | 6053.5 | 6021.8 | 6002.8 |
| 15° | 6256.1 | 6214.9 | 6180.1 | 6139.0 | 6097.8 | 6072.5 | 6031.3 | 6006.0 | 5964.9 | 5933.2 | 5911.0 |
| 17.5° | 6189.7 | 6154.7 | 6116.8 | 6066.1 | 6028.2 | 5996.5 | 5952.1 | 5920.6 | 5882.5 | 5841.3 | 5819.2 |
| 20° | 6119.9 | 6078.8 | 6040.8 | 5990.1 | 5952.1 | 5914.2 | 5869.9 | 5835.1 | 5790.6 | 5752.7 | 5727.4 |
| 22.5° | 6028.2 | 5980.6 | 5949.0 | 5898.3 | 5854.0 | 5812.9 | 5771.7 | 5730.6 | 5689.4 | 5657.7 | 5629.2 |
| 25° | 5895.1 | 5844.5 | 5809.7 | 5768.5 | 5727.4 | 5695.8 | 5645.1 | 5619.8 | 5578.6 | 5550.1 | 5521.5 |
| 27.5° | 5705.1 | 5667.2 | 5635.6 | 5594.4 | 5559.6 | 5534.3 | 5496.2 | 5471.0 | 5436.0 | 5410.8 | 5388.6 |
| 30° | 5426.7 | 5395.0 | 5366.4 | 5325.3 | 5300.0 | 5277.8 | 5242.9 | 5220.8 | 5195.5 | 5166.9 | 5160.7 |
| 32.5° | 5053.0 | 5027.6 | 4999.2 | 4970.7 | 4951.6 | 4939.0 | 4910.5 | 4897.8 | 4872.5 | 4856.6 | 4840.9 |
| 35° | 4489.4 | 4467.3 | 4451.5 | 4438.9 | 4432.5 | 4435.6 | 4429.3 | 4442.0 | 4448.2 | 4445.1 | 4448.2 |
| 37.5° | 3751.8 | 3739.1 | 3745.4 | 3754.9 | 3786.6 | 3827.8 | 3865.7 | 3922.7 | 3960.7 | 3998.8 | 4033.6 |
| 40° | 2928.6 | 2938.1 | 2963.4 | 3020.4 | 3102.7 | 3194.6 | 3280.1 | 3387.7 | 3495.4 | 3571.3 | 3640.9 |
| 42.5° | 2209.9 | 2238.5 | 2301.7 | 2384.0 | 2507.6 | 2643.6 | 2776.7 | 2934.9 | 3064.8 | 3191.3 | 3280.1 |
| 45° | 1662.2 | 1700.1 | 1782.5 | 1896.5 | 2032.6 | 2190.9 | 2358.7 | 2536.0 | 2691.2 | 2821.0 | 2919.1 |
| 47.5° | 1295.0 | 1329.8 | 1412.1 | 1532.4 | 1700.1 | 1864.8 | 2038.9 | 2222.6 | 2384.0 | 2510.7 | 2596.2 |
| 50° | 1022.6 | 1066.9 | 1139.8 | 1266.4 | 1434.3 | 1608.4 | 1788.9 | 1969.2 | 2121.3 | 2228.9 | 2304.9 |
| 52.5° | 804.2 | 845.4 | 915.0 | 1048.0 | 1219.0 | 1393.1 | 1560.8 | 1738.2 | 1871.1 | 1975.6 | 2026.3 |
| 55° | 623.7 | 661.7 | 734.5 | 845.4 | 1006.8 | 1177.8 | 1345.5 | 1497.6 | 1621.0 | 1697.0 | 1744.6 |
| 57.5° | 474.9 | 503.4 | 554.1 | 664.9 | 810.6 | 968.8 | 1111.3 | 1263.3 | 1358.3 | 1412.1 | 1443.7 |
| 60° | 361.0 | 383.1 | 437.0 | 522.4 | 655.4 | 791.5 | 911.8 | 1025.9 | 1101.8 | 1146.1 | 1177.8 |
| 62.5° | 272.2 | 297.6 | 335.6 | 408.4 | 509.7 | 620.6 | 721.8 | 807.3 | 870.6 | 899.2 | 921.3 |
| 65° | 186.7 | 205.8 | 234.3 | 291.3 | 376.7 | 455.8 | 535.1 | 598.4 | 639.6 | 671.3 | 683.9 |
| 67.5° | 139.3 | 151.9 | 167.8 | 212.2 | 272.2 | 335.6 | 389.4 | 433.7 | 478.1 | 490.8 | 512.9 |
| 70° | 104.5 | 114.0 | 129.8 | 161.5 | 196.3 | 240.6 | 285.0 | 310.3 | 342.0 | 364.1 | 370.5 |
| 72.5° | 66.5 | 69.6 | 85.5 | 104.5 | 132.9 | 161.5 | 190.0 | 212.2 | 231.2 | 243.8 | 250.1 |
| 75° | 38.1 | 56.9 | 56.9 | 76.0 | 95.0 | 107.6 | 126.7 | 142.4 | 151.9 | 161.5 | 161.5 |
| 77.5° | 25.3 | 34.8 | 38.1 | 47.4 | 56.9 | 72.8 | 88.6 | 98.1 | 107.6 | 110.8 | 110.8 |
| 80° | 22.2 | 25.3 | 25.3 | 34.8 | 41.2 | 53.8 | 63.3 | 66.5 | 72.8 | 76.0 | 82.4 |
| 82.5° | 9.5 | 12.6 | 15.8 | 25.3 | 28.5 | 28.5 | 38.1 | 41.2 | 47.4 | 50.7 | 50.7 |
| 85° | 3.1 | 6.4 | 6.4 | 9.5 | 15.8 | 19.0 | 22.2 | 25.3 | 28.5 | 28.5 | 31.7 |
| 87.5° | 3.1 | 3.1 | 0.0 | 3.1 | 6.4 | 6.4 | 12.6 | 12.6 | 12.6 | 19.0 | 19.0 |
| 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: P248690

CATALOG NUMBER: LD8B100D010 ER8B100850 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 | 6484.0 |
| 2.5° | 6427.1 | 6430.2 | 6417.6 | 6414.5 | 6408.1 | 6411.2 | 6417.6 |
| 5° | 6309.9 | 6313.1 | 6300.4 | 6287.8 | 6287.8 | 6284.5 | 6287.8 |
| 7.5° | 6199.0 | 6202.3 | 6183.3 | 6176.9 | 6164.2 | 6167.5 | 6167.5 |
| 10° | 6088.3 | 6088.3 | 6059.9 | 6056.6 | 6047.1 | 6044.0 | 6044.0 |
| 12.5° | 5980.6 | 5971.1 | 5949.0 | 5936.3 | 5942.7 | 5923.7 | 5923.7 |
| 15° | 5885.6 | 5869.9 | 5841.3 | 5831.8 | 5816.0 | 5809.7 | 5809.7 |
| 17.5° | 5787.5 | 5774.9 | 5749.6 | 5730.6 | 5711.5 | 5708.4 | 5711.5 |
| 20° | 5692.5 | 5679.9 | 5648.2 | 5635.6 | 5619.8 | 5619.8 | 5613.4 |
| 22.5° | 5597.5 | 5584.9 | 5556.5 | 5546.9 | 5524.8 | 5524.8 | 5527.9 |
| 25° | 5499.4 | 5489.9 | 5458.2 | 5451.9 | 5448.8 | 5436.0 | 5442.4 |
| 27.5° | 5366.4 | 5360.1 | 5334.8 | 5325.3 | 5312.6 | 5309.5 | 5315.8 |
| 30° | 5122.6 | 5113.1 | 5094.2 | 5084.7 | 5062.5 | 5065.7 | 5071.9 |
| 32.5° | 4818.7 | 4806.1 | 4780.7 | 4771.2 | 4752.3 | 4745.9 | 4749.0 |
| 35° | 4438.9 | 4429.3 | 4407.2 | 4407.2 | 4388.2 | 4381.8 | 4388.2 |
| 37.5° | 4052.6 | 4062.0 | 4052.6 | 4062.0 | 4052.6 | 4049.3 | 4052.6 |
| 40° | 3688.5 | 3723.3 | 3729.5 | 3764.5 | 3751.8 | 3770.7 | 3767.6 |
| 42.5° | 3340.2 | 3397.1 | 3419.4 | 3447.8 | 3441.5 | 3454.2 | 3463.7 |
| 45° | 2988.7 | 3036.3 | 3058.4 | 3077.4 | 3080.6 | 3086.9 | 3090.1 |
| 47.5° | 2656.2 | 2694.3 | 2697.4 | 2719.6 | 2716.5 | 2716.5 | 2726.0 |
| 50° | 2346.1 | 2371.4 | 2377.6 | 2393.5 | 2380.9 | 2374.5 | 2377.6 |
| 52.5° | 2058.0 | 2083.2 | 2076.9 | 2083.2 | 2067.5 | 2061.1 | 2064.2 |
| 55° | 1763.4 | 1776.1 | 1776.1 | 1776.1 | 1757.2 | 1757.2 | 1757.2 |
| 57.5° | 1462.7 | 1465.9 | 1459.5 | 1462.7 | 1459.5 | 1440.5 | 1437.4 |
| 60° | 1187.3 | 1187.3 | 1184.1 | 1187.3 | 1177.8 | 1168.3 | 1168.3 |
| 62.5° | 927.6 | 934.0 | 946.6 | 934.0 | 927.6 | 934.0 | 924.5 |
| 65° | 693.4 | 706.1 | 702.8 | 709.2 | 706.1 | 706.1 | 699.7 |
| 67.5° | 522.4 | 525.6 | 528.7 | 532.0 | 532.0 | 532.0 | 532.0 |
| 70° | 383.1 | 392.6 | 389.4 | 389.4 | 389.4 | 389.4 | 408.4 |
| 72.5° | 256.5 | 269.1 | 266.0 | 272.2 | 272.2 | 278.6 | 272.2 |
| 75° | 174.1 | 186.7 | 180.5 | 190.0 | 186.7 | 180.5 | 196.3 |
| 77.5° | 117.2 | 123.5 | 126.7 | 129.8 | 126.7 | 123.5 | 126.7 |
| 80° | 82.4 | 88.6 | 85.5 | 88.6 | 88.6 | 88.6 | 91.9 |
| 82.5° | 50.7 | 60.2 | 56.9 | 60.2 | 56.9 | 60.2 | 60.2 |
| 85° | 34.8 | 38.1 | 31.7 | 38.1 | 34.8 | 34.8 | 41.2 |
| 87.5° | 22.2 | 19.0 | 19.0 | 22.2 | 19.0 | 22.2 | 19.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)