

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: P248726

Luminaire Tested: **LD8B100D010 ER8B100940 8LBSW0WMH**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P248726
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 ER8B100940 8LBSW0WMH
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT
90 CRI 4000 CCT WITH WARM HAZE TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9604.0 lumens
Efficiency: N/A
Efficacy: 90.3 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

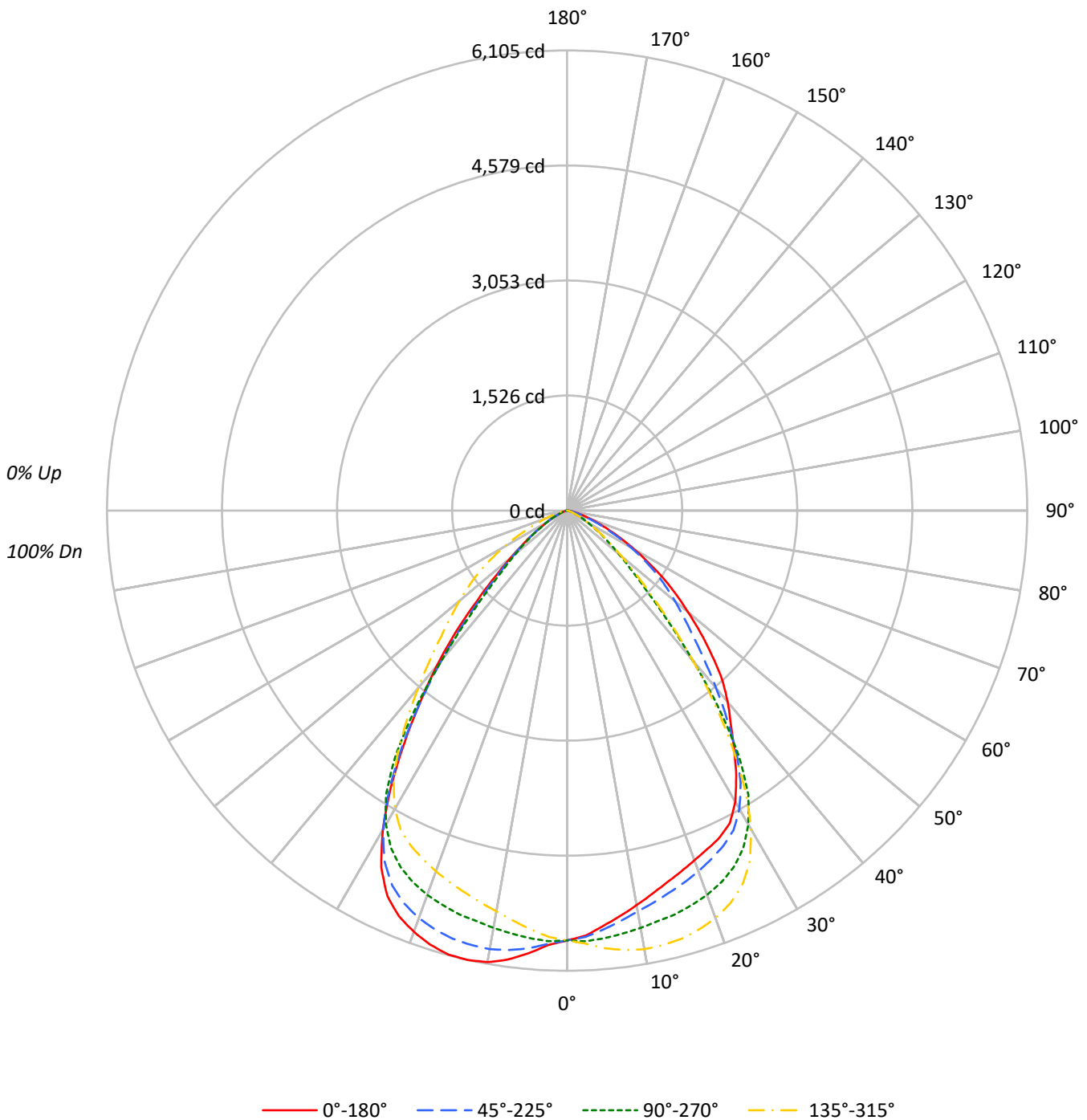
Input Watts (W): 106.3
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P248726

CATALOG NUMBER: LD8B100D010 ER8B100940 8LBSW0WMH

Luminous Intensity Polar Plot





TEST NUMBER: P248726

CATALOG NUMBER: LD8B100D010 ER8B100940 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° | 175816 | 175816 | 175816 | 175816 |
| 5° | 171145 | 176228 | 182521 | 176228 |
| 10° | 166411 | 175999 | 190468 | 175999 |
| 15° | 163087 | 177041 | 194638 | 177041 |
| 20° | 161976 | 178056 | 195140 | 178056 |
| 25° | 162829 | 177698 | 192001 | 177698 |
| 30° | 158802 | 171193 | 174270 | 171193 |
| 35° | 145254 | 149338 | 141693 | 149338 |
| 40° | 133357 | 103883 | 108484 | 103883 |
| 45° | 118495 | 63373 | 73329 | 63373 |
| 50° | 100297 | 42336 | 47013 | 42336 |
| 55° | 83067 | 28886 | 30531 | 28886 |
| 60° | 63356 | 19230 | 19402 | 19230 |
| 65° | 44888 | 11981 | 10967 | 11981 |
| 70° | 32376 | 8024 | 7285 | 8024 |
| 75° | 20564 | 3991 | 3312 | 3991 |
| 80° | 14348 | 2966 | 2468 | 2966 |
| 85° | 12808 | 0 | 991 | 0 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 542.7 | 5.7 |
| 10°-20° | 1571.5 | 16.4 |
| 20°-30° | 2379.6 | 24.8 |
| 30°-40° | 2384.9 | 24.8 |
| 40°-50° | 1497.6 | 15.6 |
| 50°-60° | 798.1 | 8.3 |
| 60°-70° | 328.2 | 3.4 |
| 70°-80° | 86.7 | 0.9 |
| 80°-90° | 14.7 | 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° | 4493.8 | 46.8 |
| 0°-40° | 6878.7 | 71.6 |
| 0°-60° | 9174.5 | 95.5 |
| 0°-90° | 9604.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 9604.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 5702 | 5702 | 5702 | 5702 | 5702 | |
| 5° | 5529 | 5693 | 5896 | 5693 | 5529 | 521 |
| 15° | 5109 | 5546 | 6097 | 5546 | 5109 | 1445 |
| 25° | 4786 | 5223 | 5643 | 5223 | 4786 | 2195 |
| 35° | 3859 | 3967 | 3764 | 3967 | 3859 | 2417 |
| 45° | 2717 | 1453 | 1682 | 1453 | 2717 | 2090 |
| 55° | 1545 | 537 | 568 | 537 | 1545 | 1378 |
| 65° | 615 | 164 | 150 | 164 | 615 | 638 |
| 75° | 173 | 34 | 28 | 34 | 173 | 196 |
| 85° | 36 | 0 | 3 | 0 | 36 | 40 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P248726

CATALOG NUMBER: LD8B100D010 ER8B100940 8LBSW0WMH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 |
| 2.5° | 5643.1 | 5637.5 | 5634.8 | 5640.4 | 5643.1 | 5654.3 | 5651.5 | 5657.0 | 5657.0 | 5659.9 | 5665.4 |
| 5° | 5529.0 | 5526.2 | 5529.0 | 5529.0 | 5540.1 | 5551.2 | 5548.5 | 5556.9 | 5562.4 | 5576.3 | 5581.8 |
| 7.5° | 5423.2 | 5423.2 | 5420.4 | 5431.5 | 5437.1 | 5453.8 | 5451.0 | 5465.0 | 5473.3 | 5487.2 | 5506.7 |
| 10° | 5314.6 | 5314.6 | 5317.4 | 5325.7 | 5328.6 | 5353.6 | 5353.6 | 5373.1 | 5384.2 | 5398.2 | 5423.2 |
| 12.5° | 5208.8 | 5208.8 | 5225.6 | 5220.0 | 5231.1 | 5250.6 | 5258.9 | 5278.4 | 5295.1 | 5323.0 | 5348.1 |
| 15° | 5108.6 | 5108.6 | 5114.2 | 5128.1 | 5136.4 | 5161.5 | 5175.4 | 5197.7 | 5217.2 | 5245.1 | 5281.3 |
| 17.5° | 5022.3 | 5019.5 | 5022.3 | 5039.0 | 5055.8 | 5078.0 | 5089.1 | 5116.9 | 5136.4 | 5172.6 | 5206.1 |
| 20° | 4936.0 | 4941.6 | 4941.6 | 4955.5 | 4966.6 | 4994.4 | 5005.6 | 5036.3 | 5058.5 | 5091.9 | 5130.9 |
| 22.5° | 4860.8 | 4858.1 | 4858.1 | 4877.6 | 4885.9 | 4910.9 | 4922.0 | 4949.9 | 4975.0 | 5002.8 | 5039.0 |
| 25° | 4785.7 | 4780.0 | 4791.3 | 4794.0 | 4799.5 | 4827.4 | 4835.7 | 4855.2 | 4880.3 | 4905.4 | 4941.6 |
| 27.5° | 4674.3 | 4668.8 | 4671.5 | 4682.6 | 4691.0 | 4713.2 | 4718.9 | 4738.3 | 4757.8 | 4780.0 | 4810.8 |
| 30° | 4459.9 | 4454.4 | 4451.6 | 4471.1 | 4479.5 | 4496.1 | 4504.5 | 4537.9 | 4543.4 | 4568.5 | 4590.7 |
| 32.5° | 4175.9 | 4173.2 | 4178.8 | 4195.4 | 4203.8 | 4226.1 | 4237.2 | 4256.7 | 4270.6 | 4284.6 | 4306.8 |
| 35° | 3858.6 | 3853.0 | 3858.6 | 3875.4 | 3875.4 | 3894.8 | 3903.2 | 3911.4 | 3908.7 | 3911.4 | 3905.9 |
| 37.5° | 3563.6 | 3560.7 | 3563.6 | 3571.8 | 3563.6 | 3571.8 | 3563.6 | 3546.8 | 3516.2 | 3482.8 | 3449.3 |
| 40° | 3312.9 | 3315.7 | 3299.1 | 3310.2 | 3279.5 | 3274.0 | 3243.4 | 3201.6 | 3140.4 | 3073.6 | 2978.9 |
| 42.5° | 3045.7 | 3037.3 | 3026.2 | 3031.7 | 3006.8 | 2987.2 | 2937.1 | 2884.3 | 2806.2 | 2695.0 | 2580.7 |
| 45° | 2717.2 | 2714.4 | 2708.8 | 2706.1 | 2689.3 | 2669.9 | 2628.0 | 2566.8 | 2480.6 | 2366.4 | 2229.9 |
| 47.5° | 2397.0 | 2388.6 | 2388.6 | 2391.4 | 2371.9 | 2369.2 | 2335.7 | 2282.9 | 2207.7 | 2096.3 | 1954.3 |
| 50° | 2090.7 | 2088.0 | 2093.6 | 2104.7 | 2090.7 | 2085.2 | 2063.0 | 2026.8 | 1960.0 | 1865.3 | 1731.6 |
| 52.5° | 1815.1 | 1812.4 | 1818.0 | 1831.9 | 1826.2 | 1831.9 | 1809.6 | 1781.8 | 1737.2 | 1645.3 | 1528.4 |
| 55° | 1545.1 | 1545.1 | 1545.1 | 1561.8 | 1561.8 | 1561.8 | 1550.6 | 1534.0 | 1492.2 | 1425.4 | 1316.9 |
| 57.5° | 1263.9 | 1266.7 | 1283.4 | 1286.2 | 1283.4 | 1289.0 | 1286.2 | 1269.4 | 1241.7 | 1194.4 | 1110.8 |
| 60° | 1027.3 | 1027.3 | 1035.7 | 1044.0 | 1041.2 | 1044.0 | 1044.0 | 1035.7 | 1007.8 | 968.9 | 902.1 |
| 62.5° | 812.9 | 821.3 | 815.7 | 821.3 | 832.4 | 821.3 | 815.7 | 810.2 | 790.7 | 765.6 | 709.9 |
| 65° | 615.2 | 620.9 | 620.9 | 623.6 | 618.0 | 620.9 | 609.7 | 601.4 | 590.3 | 562.4 | 526.2 |
| 67.5° | 467.8 | 467.8 | 467.8 | 467.8 | 464.9 | 462.1 | 459.4 | 451.0 | 431.5 | 420.4 | 381.4 |
| 70° | 359.1 | 342.4 | 342.4 | 342.4 | 342.4 | 345.3 | 336.9 | 325.8 | 320.2 | 300.7 | 272.8 |
| 72.5° | 239.4 | 245.0 | 239.4 | 239.4 | 233.9 | 236.6 | 225.5 | 219.9 | 214.4 | 203.3 | 186.6 |
| 75° | 172.6 | 158.7 | 164.2 | 167.1 | 158.7 | 164.2 | 153.1 | 142.0 | 142.0 | 133.6 | 125.2 |
| 77.5° | 111.4 | 108.6 | 111.4 | 114.1 | 111.4 | 108.6 | 103.0 | 97.4 | 97.4 | 94.7 | 86.3 |
| 80° | 80.8 | 77.9 | 77.9 | 77.9 | 75.2 | 77.9 | 72.4 | 72.4 | 66.8 | 64.1 | 58.4 |
| 82.5° | 52.9 | 52.9 | 50.1 | 52.9 | 50.1 | 52.9 | 44.6 | 44.6 | 44.6 | 41.7 | 36.2 |
| 85° | 36.2 | 30.6 | 30.6 | 33.5 | 27.8 | 33.5 | 30.6 | 27.8 | 25.1 | 25.1 | 22.2 |
| 87.5° | 16.7 | 19.5 | 16.7 | 19.5 | 16.7 | 16.7 | 19.5 | 16.7 | 16.7 | 11.1 | 11.1 |
| 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: P248726

CATALOG NUMBER: LD8B100D010 ER8B100940 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 |
| 2.5° | 5673.7 | 5676.5 | 5676.5 | 5687.7 | 5693.2 | 5696.0 | 5696.0 | 5718.3 | 5710.0 | 5715.6 | 5721.1 |
| 5° | 5593.1 | 5609.7 | 5615.3 | 5615.3 | 5645.9 | 5657.0 | 5668.1 | 5693.2 | 5696.0 | 5712.7 | 5732.2 |
| 7.5° | 5515.0 | 5534.5 | 5545.7 | 5570.7 | 5590.2 | 5609.7 | 5643.1 | 5659.9 | 5676.5 | 5698.8 | 5723.8 |
| 10° | 5439.9 | 5462.2 | 5484.4 | 5503.9 | 5534.5 | 5559.6 | 5581.8 | 5620.8 | 5640.4 | 5671.0 | 5704.3 |
| 12.5° | 5367.6 | 5398.2 | 5417.6 | 5451.0 | 5484.4 | 5506.7 | 5540.1 | 5576.3 | 5606.9 | 5637.5 | 5676.5 |
| 15° | 5303.5 | 5339.7 | 5361.9 | 5398.2 | 5434.4 | 5465.0 | 5501.2 | 5545.7 | 5568.0 | 5604.2 | 5640.4 |
| 17.5° | 5233.8 | 5272.9 | 5300.8 | 5334.1 | 5378.7 | 5412.0 | 5442.7 | 5487.2 | 5515.0 | 5554.0 | 5595.8 |
| 20° | 5161.5 | 5200.5 | 5233.8 | 5267.3 | 5311.9 | 5345.2 | 5381.4 | 5426.0 | 5456.6 | 5495.6 | 5529.0 |
| 22.5° | 5075.2 | 5111.4 | 5147.5 | 5186.5 | 5231.1 | 5258.9 | 5300.8 | 5339.7 | 5373.1 | 5409.3 | 5442.7 |
| 25° | 4963.9 | 5008.4 | 5036.3 | 5072.4 | 5108.6 | 5139.2 | 5183.8 | 5222.7 | 5250.6 | 5284.0 | 5314.6 |
| 27.5° | 4833.0 | 4866.5 | 4888.7 | 4919.3 | 4955.5 | 4983.3 | 5016.7 | 5055.8 | 5083.6 | 5114.2 | 5136.4 |
| 30° | 4610.2 | 4640.9 | 4660.4 | 4682.6 | 4718.9 | 4744.0 | 4771.8 | 4807.9 | 4827.4 | 4849.7 | 4869.2 |
| 32.5° | 4317.9 | 4343.0 | 4354.1 | 4370.8 | 4395.9 | 4420.9 | 4443.3 | 4473.9 | 4482.2 | 4496.1 | 4496.1 |
| 35° | 3894.8 | 3900.3 | 3897.6 | 3903.2 | 3914.3 | 3928.2 | 3947.7 | 3967.1 | 3978.3 | 3978.3 | 3970.0 |
| 37.5° | 3399.2 | 3365.9 | 3329.7 | 3301.8 | 3293.5 | 3287.8 | 3299.1 | 3307.3 | 3318.6 | 3324.1 | 3310.2 |
| 40° | 2884.3 | 2809.1 | 2728.3 | 2655.9 | 2605.8 | 2583.6 | 2575.2 | 2580.7 | 2580.7 | 2600.2 | 2600.2 |
| 42.5° | 2441.6 | 2324.6 | 2205.0 | 2096.3 | 2023.9 | 1968.3 | 1943.2 | 1943.2 | 1946.0 | 1960.0 | 1968.3 |
| 45° | 2074.1 | 1926.5 | 1787.3 | 1667.6 | 1567.4 | 1495.0 | 1461.6 | 1453.2 | 1450.5 | 1456.0 | 1475.5 |
| 47.5° | 1792.9 | 1639.8 | 1495.0 | 1347.5 | 1241.7 | 1169.3 | 1138.7 | 1127.5 | 1116.3 | 1127.5 | 1130.3 |
| 50° | 1573.0 | 1414.3 | 1261.2 | 1113.6 | 1002.2 | 938.2 | 899.2 | 882.5 | 879.7 | 879.7 | 885.3 |
| 52.5° | 1372.5 | 1225.0 | 1071.9 | 921.5 | 804.5 | 743.4 | 707.1 | 698.8 | 687.7 | 698.8 | 698.8 |
| 55° | 1183.2 | 1035.7 | 885.3 | 743.4 | 645.8 | 581.9 | 548.4 | 537.3 | 531.7 | 540.1 | 540.1 |
| 57.5° | 977.2 | 851.9 | 712.8 | 584.6 | 487.2 | 442.7 | 417.6 | 403.7 | 400.8 | 406.5 | 400.8 |
| 60° | 801.8 | 696.0 | 576.3 | 459.4 | 384.2 | 336.9 | 317.4 | 311.8 | 306.2 | 311.8 | 311.8 |
| 62.5° | 634.7 | 545.7 | 448.2 | 359.1 | 295.1 | 261.7 | 239.4 | 239.4 | 236.6 | 236.6 | 239.4 |
| 65° | 470.5 | 400.8 | 331.3 | 256.1 | 206.0 | 180.9 | 164.2 | 164.2 | 161.5 | 164.2 | 161.5 |
| 67.5° | 342.4 | 295.1 | 239.4 | 186.6 | 147.6 | 133.6 | 122.5 | 114.1 | 119.7 | 114.1 | 111.4 |
| 70° | 250.6 | 211.5 | 172.6 | 142.0 | 114.1 | 100.3 | 91.9 | 89.0 | 83.5 | 83.5 | 83.5 |
| 72.5° | 167.1 | 142.0 | 116.9 | 91.9 | 75.2 | 61.2 | 58.4 | 52.9 | 47.3 | 50.1 | 55.7 |
| 75° | 111.4 | 94.7 | 83.5 | 66.8 | 50.1 | 50.1 | 33.5 | 33.5 | 27.8 | 33.5 | 25.1 |
| 77.5° | 77.9 | 64.1 | 50.1 | 41.7 | 33.5 | 30.6 | 22.2 | 22.2 | 19.5 | 19.5 | 19.5 |
| 80° | 55.7 | 47.3 | 36.2 | 30.6 | 22.2 | 22.2 | 19.5 | 16.7 | 13.9 | 13.9 | 16.7 |
| 82.5° | 33.5 | 25.1 | 25.1 | 22.2 | 13.9 | 11.1 | 8.4 | 11.1 | 5.6 | 5.6 | 5.6 |
| 85° | 19.5 | 16.7 | 13.9 | 8.4 | 5.6 | 5.6 | 2.8 | 0.0 | 2.8 | 2.8 | 0.0 |
| 87.5° | 11.1 | 5.6 | 5.6 | 2.8 | 0.0 | 2.8 | 2.8 | 0.0 | 0.0 | 0.0 | 5.6 |
| 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: P248726

CATALOG NUMBER: LD8B100D010 ER8B100940 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 |
| 2.5° | 5735.1 | 5732.2 | 5737.8 | 5737.8 | 5754.5 | 5751.7 | 5760.0 | 5760.0 | 5754.5 | 5757.3 | 5768.4 |
| 5° | 5754.5 | 5762.9 | 5779.5 | 5793.5 | 5818.5 | 5829.7 | 5843.6 | 5857.5 | 5860.3 | 5868.7 | 5877.0 |
| 7.5° | 5754.5 | 5782.4 | 5801.9 | 5826.8 | 5860.3 | 5879.8 | 5910.4 | 5935.5 | 5946.6 | 5960.5 | 5977.2 |
| 10° | 5743.3 | 5771.1 | 5807.4 | 5835.2 | 5877.0 | 5907.6 | 5938.2 | 5977.2 | 5993.9 | 6016.1 | 6038.5 |
| 12.5° | 5721.1 | 5751.7 | 5790.6 | 5826.8 | 5874.2 | 5902.0 | 5941.0 | 5977.2 | 6002.3 | 6032.9 | 6058.0 |
| 15° | 5687.7 | 5723.8 | 5760.0 | 5796.2 | 5846.3 | 5879.8 | 5916.0 | 5957.7 | 5982.8 | 6016.1 | 6038.5 |
| 17.5° | 5634.8 | 5673.7 | 5707.2 | 5740.6 | 5787.9 | 5826.8 | 5860.3 | 5899.3 | 5924.4 | 5952.2 | 5982.8 |
| 20° | 5570.7 | 5606.9 | 5643.1 | 5671.0 | 5718.3 | 5751.7 | 5787.9 | 5824.1 | 5843.6 | 5849.2 | 5896.5 |
| 22.5° | 5490.1 | 5515.0 | 5542.9 | 5587.5 | 5615.3 | 5645.9 | 5679.4 | 5712.7 | 5732.2 | 5762.9 | 5779.5 |
| 25° | 5356.3 | 5381.4 | 5412.0 | 5431.5 | 5465.0 | 5490.1 | 5523.4 | 5559.6 | 5570.7 | 5593.1 | 5609.7 |
| 27.5° | 5169.9 | 5183.8 | 5197.7 | 5214.3 | 5233.8 | 5247.8 | 5267.3 | 5284.0 | 5295.1 | 5306.3 | 5317.4 |
| 30° | 4874.7 | 4874.7 | 4874.7 | 4863.6 | 4872.0 | 4880.3 | 4883.1 | 4880.3 | 4880.3 | 4877.6 | 4877.6 |
| 32.5° | 4485.0 | 4462.7 | 4437.7 | 4415.4 | 4407.1 | 4395.9 | 4390.3 | 4382.0 | 4368.1 | 4359.7 | 4362.5 |
| 35° | 3958.8 | 3908.7 | 3878.1 | 3850.3 | 3828.0 | 3811.3 | 3802.9 | 3794.6 | 3791.8 | 3780.7 | 3769.5 |
| 37.5° | 3301.8 | 3265.6 | 3243.4 | 3226.7 | 3207.2 | 3190.4 | 3193.2 | 3196.1 | 3204.3 | 3198.8 | 3201.6 |
| 40° | 2605.8 | 2597.4 | 2605.8 | 2586.3 | 2580.7 | 2586.3 | 2600.2 | 2619.8 | 2630.9 | 2642.0 | 2661.5 |
| 42.5° | 1982.2 | 1996.1 | 2015.7 | 2015.7 | 2023.9 | 2035.1 | 2051.8 | 2082.5 | 2099.1 | 2118.6 | 2140.9 |
| 45° | 1492.2 | 1508.9 | 1534.0 | 1542.3 | 1547.9 | 1561.8 | 1581.4 | 1606.3 | 1617.5 | 1634.2 | 1653.7 |
| 47.5° | 1149.8 | 1160.9 | 1174.8 | 1188.8 | 1202.6 | 1208.2 | 1227.7 | 1227.7 | 1241.7 | 1252.8 | 1258.3 |
| 50° | 896.4 | 907.6 | 918.7 | 927.0 | 932.7 | 941.0 | 946.5 | 954.9 | 957.6 | 963.3 | 966.0 |
| 52.5° | 701.5 | 715.5 | 715.5 | 721.0 | 729.4 | 737.7 | 735.0 | 737.7 | 740.5 | 740.5 | 748.9 |
| 55° | 548.4 | 548.4 | 556.8 | 556.8 | 562.4 | 559.5 | 562.4 | 562.4 | 562.4 | 562.4 | 565.2 |
| 57.5° | 409.2 | 412.1 | 420.4 | 414.8 | 412.1 | 417.6 | 412.1 | 417.6 | 414.8 | 420.4 | 412.1 |
| 60° | 314.6 | 314.6 | 317.4 | 317.4 | 320.2 | 320.2 | 320.2 | 317.4 | 317.4 | 314.6 | 314.6 |
| 62.5° | 236.6 | 239.4 | 242.2 | 239.4 | 239.4 | 239.4 | 236.6 | 236.6 | 233.9 | 231.0 | 231.0 |
| 65° | 158.7 | 156.0 | 161.5 | 156.0 | 158.7 | 158.7 | 156.0 | 158.7 | 150.3 | 153.1 | 150.3 |
| 67.5° | 114.1 | 111.4 | 108.6 | 111.4 | 108.6 | 105.8 | 105.8 | 108.6 | 111.4 | 103.0 | 103.0 |
| 70° | 75.2 | 77.9 | 75.2 | 77.9 | 80.8 | 80.8 | 77.9 | 75.2 | 77.9 | 72.4 | 75.2 |
| 72.5° | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 50.1 | 50.1 | 50.1 | 44.6 | 44.6 | 41.7 |
| 75° | 22.2 | 30.6 | 25.1 | 22.2 | 30.6 | 30.6 | 27.8 | 27.8 | 25.1 | 25.1 | 25.1 |
| 77.5° | 22.2 | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 | 13.9 | 16.7 | 13.9 |
| 80° | 11.1 | 11.1 | 11.1 | 8.4 | 11.1 | 11.1 | 13.9 | 11.1 | 11.1 | 8.4 | 13.9 |
| 82.5° | 5.6 | 5.6 | 5.6 | 0.0 | 2.8 | 5.6 | 5.6 | 2.8 | 5.6 | 5.6 | 2.8 |
| 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: P248726

CATALOG NUMBER: LD8B100D010 ER8B100940 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 |
| 2.5° | 5765.6 | 5762.9 | 5765.6 | 5768.4 | 5765.6 | 5762.9 | 5765.6 | 5768.4 | 5757.3 | 5754.5 | 5760.0 |
| 5° | 5888.1 | 5888.1 | 5893.6 | 5896.5 | 5893.6 | 5888.1 | 5888.1 | 5877.0 | 5868.7 | 5860.3 | 5857.5 |
| 7.5° | 5993.9 | 5999.5 | 6005.0 | 6007.8 | 6005.0 | 5999.5 | 5993.9 | 5977.2 | 5960.5 | 5946.6 | 5935.5 |
| 10° | 6058.0 | 6066.3 | 6077.4 | 6082.9 | 6077.4 | 6066.3 | 6058.0 | 6038.5 | 6016.1 | 5993.9 | 5977.2 |
| 12.5° | 6085.8 | 6094.2 | 6108.0 | 6105.3 | 6108.0 | 6094.2 | 6085.8 | 6058.0 | 6032.9 | 6002.3 | 5977.2 |
| 15° | 6066.3 | 6077.4 | 6091.3 | 6096.9 | 6091.3 | 6077.4 | 6066.3 | 6038.5 | 6016.1 | 5982.8 | 5957.7 |
| 17.5° | 6005.0 | 6021.8 | 6030.1 | 6038.5 | 6030.1 | 6021.8 | 6005.0 | 5982.8 | 5952.2 | 5924.4 | 5899.3 |
| 20° | 5921.5 | 5932.7 | 5943.8 | 5946.6 | 5943.8 | 5932.7 | 5921.5 | 5896.5 | 5849.2 | 5843.6 | 5824.1 |
| 22.5° | 5801.9 | 5810.2 | 5835.2 | 5826.8 | 5835.2 | 5810.2 | 5801.9 | 5779.5 | 5762.9 | 5732.2 | 5712.7 |
| 25° | 5629.2 | 5637.5 | 5640.4 | 5643.1 | 5640.4 | 5637.5 | 5629.2 | 5609.7 | 5593.1 | 5570.7 | 5559.6 |
| 27.5° | 5331.3 | 5331.3 | 5336.8 | 5339.7 | 5336.8 | 5331.3 | 5331.3 | 5317.4 | 5306.3 | 5295.1 | 5284.0 |
| 30° | 4880.3 | 4880.3 | 4880.3 | 4894.3 | 4880.3 | 4880.3 | 4880.3 | 4877.6 | 4877.6 | 4880.3 | 4880.3 |
| 32.5° | 4359.7 | 4354.1 | 4348.6 | 4354.1 | 4348.6 | 4354.1 | 4359.7 | 4362.5 | 4359.7 | 4368.1 | 4382.0 |
| 35° | 3769.5 | 3766.7 | 3775.1 | 3764.0 | 3775.1 | 3766.7 | 3769.5 | 3769.5 | 3780.7 | 3791.8 | 3794.6 |
| 37.5° | 3204.3 | 3198.8 | 3209.9 | 3198.8 | 3209.9 | 3198.8 | 3204.3 | 3201.6 | 3198.8 | 3204.3 | 3196.1 |
| 40° | 2667.1 | 2672.6 | 2672.6 | 2695.0 | 2672.6 | 2672.6 | 2667.1 | 2661.5 | 2642.0 | 2630.9 | 2619.8 |
| 42.5° | 2152.0 | 2168.7 | 2163.1 | 2179.9 | 2163.1 | 2168.7 | 2152.0 | 2140.9 | 2118.6 | 2099.1 | 2082.5 |
| 45° | 1664.8 | 1676.0 | 1676.0 | 1681.5 | 1676.0 | 1676.0 | 1664.8 | 1653.7 | 1634.2 | 1617.5 | 1606.3 |
| 47.5° | 1277.8 | 1277.8 | 1277.8 | 1280.7 | 1277.8 | 1277.8 | 1277.8 | 1258.3 | 1252.8 | 1241.7 | 1227.7 |
| 50° | 971.6 | 974.4 | 977.2 | 980.0 | 977.2 | 974.4 | 971.6 | 966.0 | 963.3 | 957.6 | 954.9 |
| 52.5° | 746.1 | 748.9 | 743.4 | 748.9 | 743.4 | 748.9 | 746.1 | 748.9 | 740.5 | 740.5 | 737.7 |
| 55° | 565.2 | 562.4 | 565.2 | 567.9 | 565.2 | 562.4 | 565.2 | 565.2 | 562.4 | 562.4 | 562.4 |
| 57.5° | 414.8 | 409.2 | 409.2 | 409.2 | 409.2 | 409.2 | 414.8 | 412.1 | 420.4 | 414.8 | 417.6 |
| 60° | 309.1 | 311.8 | 311.8 | 314.6 | 311.8 | 311.8 | 309.1 | 314.6 | 314.6 | 317.4 | 317.4 |
| 62.5° | 228.3 | 236.6 | 231.0 | 236.6 | 231.0 | 236.6 | 228.3 | 231.0 | 231.0 | 233.9 | 236.6 |
| 65° | 147.6 | 147.6 | 147.6 | 150.3 | 147.6 | 147.6 | 147.6 | 150.3 | 153.1 | 150.3 | 158.7 |
| 67.5° | 100.3 | 103.0 | 108.6 | 105.8 | 108.6 | 103.0 | 100.3 | 103.0 | 103.0 | 111.4 | 108.6 |
| 70° | 80.8 | 72.4 | 72.4 | 80.8 | 72.4 | 72.4 | 80.8 | 75.2 | 72.4 | 77.9 | 75.2 |
| 72.5° | 47.3 | 41.7 | 47.3 | 47.3 | 47.3 | 41.7 | 47.3 | 41.7 | 44.6 | 44.6 | 50.1 |
| 75° | 25.1 | 22.2 | 19.5 | 27.8 | 19.5 | 22.2 | 25.1 | 25.1 | 25.1 | 25.1 | 27.8 |
| 77.5° | 16.7 | 13.9 | 19.5 | 19.5 | 19.5 | 13.9 | 16.7 | 13.9 | 16.7 | 13.9 | 16.7 |
| 80° | 8.4 | 11.1 | 8.4 | 13.9 | 8.4 | 11.1 | 8.4 | 13.9 | 8.4 | 11.1 | 11.1 |
| 82.5° | 2.8 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 2.8 | 2.8 | 5.6 | 5.6 | 2.8 |
| 85° | 0.0 | 5.6 | 2.8 | 2.8 | 2.8 | 5.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 2.8 | 0.0 | 0.0 | 2.8 | 0.0 | 0.0 | 2.8 | 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: P248726

CATALOG NUMBER: LD8B100D010 ER8B100940 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 |
| 2.5° | 5760.0 | 5751.7 | 5754.5 | 5737.8 | 5737.8 | 5732.2 | 5735.1 | 5721.1 | 5715.6 | 5710.0 | 5718.3 |
| 5° | 5843.6 | 5829.7 | 5818.5 | 5793.5 | 5779.5 | 5762.9 | 5754.5 | 5732.2 | 5712.7 | 5696.0 | 5693.2 |
| 7.5° | 5910.4 | 5879.8 | 5860.3 | 5826.8 | 5801.9 | 5782.4 | 5754.5 | 5723.8 | 5698.8 | 5676.5 | 5659.9 |
| 10° | 5938.2 | 5907.6 | 5877.0 | 5835.2 | 5807.4 | 5771.1 | 5743.3 | 5704.3 | 5671.0 | 5640.4 | 5620.8 |
| 12.5° | 5941.0 | 5902.0 | 5874.2 | 5826.8 | 5790.6 | 5751.7 | 5721.1 | 5676.5 | 5637.5 | 5606.9 | 5576.3 |
| 15° | 5916.0 | 5879.8 | 5846.3 | 5796.2 | 5760.0 | 5723.8 | 5687.7 | 5640.4 | 5604.2 | 5568.0 | 5545.7 |
| 17.5° | 5860.3 | 5826.8 | 5787.9 | 5740.6 | 5707.2 | 5673.7 | 5634.8 | 5595.8 | 5554.0 | 5515.0 | 5487.2 |
| 20° | 5787.9 | 5751.7 | 5718.3 | 5671.0 | 5643.1 | 5606.9 | 5570.7 | 5529.0 | 5495.6 | 5456.6 | 5426.0 |
| 22.5° | 5679.4 | 5645.9 | 5615.3 | 5587.5 | 5542.9 | 5515.0 | 5490.1 | 5442.7 | 5409.3 | 5373.1 | 5339.7 |
| 25° | 5523.4 | 5490.1 | 5465.0 | 5431.5 | 5412.0 | 5381.4 | 5356.3 | 5314.6 | 5284.0 | 5250.6 | 5222.7 |
| 27.5° | 5267.3 | 5247.8 | 5233.8 | 5214.3 | 5197.7 | 5183.8 | 5169.9 | 5136.4 | 5114.2 | 5083.6 | 5055.8 |
| 30° | 4883.1 | 4880.3 | 4872.0 | 4863.6 | 4874.7 | 4874.7 | 4874.7 | 4869.2 | 4849.7 | 4827.4 | 4807.9 |
| 32.5° | 4390.3 | 4395.9 | 4407.1 | 4415.4 | 4437.7 | 4462.7 | 4485.0 | 4496.1 | 4496.1 | 4482.2 | 4473.9 |
| 35° | 3802.9 | 3811.3 | 3828.0 | 3850.3 | 3878.1 | 3908.7 | 3958.8 | 3970.0 | 3978.3 | 3978.3 | 3967.1 |
| 37.5° | 3193.2 | 3190.4 | 3207.2 | 3226.7 | 3243.4 | 3265.6 | 3301.8 | 3310.2 | 3324.1 | 3318.6 | 3307.3 |
| 40° | 2600.2 | 2586.3 | 2580.7 | 2586.3 | 2605.8 | 2597.4 | 2605.8 | 2600.2 | 2600.2 | 2580.7 | 2580.7 |
| 42.5° | 2051.8 | 2035.1 | 2023.9 | 2015.7 | 2015.7 | 1996.1 | 1982.2 | 1968.3 | 1960.0 | 1946.0 | 1943.2 |
| 45° | 1581.4 | 1561.8 | 1547.9 | 1542.3 | 1534.0 | 1508.9 | 1492.2 | 1475.5 | 1456.0 | 1450.5 | 1453.2 |
| 47.5° | 1227.7 | 1208.2 | 1202.6 | 1188.8 | 1174.8 | 1160.9 | 1149.8 | 1130.3 | 1127.5 | 1116.3 | 1127.5 |
| 50° | 946.5 | 941.0 | 932.7 | 927.0 | 918.7 | 907.6 | 896.4 | 885.3 | 879.7 | 879.7 | 882.5 |
| 52.5° | 735.0 | 737.7 | 729.4 | 721.0 | 715.5 | 715.5 | 701.5 | 698.8 | 698.8 | 687.7 | 698.8 |
| 55° | 562.4 | 559.5 | 562.4 | 556.8 | 556.8 | 548.4 | 548.4 | 540.1 | 540.1 | 531.7 | 537.3 |
| 57.5° | 412.1 | 417.6 | 412.1 | 414.8 | 420.4 | 412.1 | 409.2 | 400.8 | 406.5 | 400.8 | 403.7 |
| 60° | 320.2 | 320.2 | 320.2 | 317.4 | 317.4 | 314.6 | 314.6 | 311.8 | 311.8 | 306.2 | 311.8 |
| 62.5° | 236.6 | 239.4 | 239.4 | 239.4 | 242.2 | 239.4 | 236.6 | 239.4 | 236.6 | 236.6 | 239.4 |
| 65° | 156.0 | 158.7 | 158.7 | 156.0 | 161.5 | 156.0 | 158.7 | 161.5 | 164.2 | 161.5 | 164.2 |
| 67.5° | 105.8 | 105.8 | 108.6 | 111.4 | 108.6 | 111.4 | 114.1 | 111.4 | 114.1 | 119.7 | 114.1 |
| 70° | 77.9 | 80.8 | 80.8 | 77.9 | 75.2 | 77.9 | 75.2 | 83.5 | 83.5 | 83.5 | 89.0 |
| 72.5° | 50.1 | 50.1 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 55.7 | 50.1 | 47.3 | 52.9 |
| 75° | 27.8 | 30.6 | 30.6 | 22.2 | 25.1 | 30.6 | 22.2 | 25.1 | 33.5 | 27.8 | 33.5 |
| 77.5° | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 | 22.2 | 19.5 | 19.5 | 19.5 | 22.2 |
| 80° | 13.9 | 11.1 | 11.1 | 8.4 | 11.1 | 11.1 | 11.1 | 16.7 | 13.9 | 13.9 | 16.7 |
| 82.5° | 5.6 | 5.6 | 2.8 | 0.0 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 11.1 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.6 | 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: P248726

CATALOG NUMBER: LD8B100D010 ER8B100940 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 |
| 2.5° | 5696.0 | 5696.0 | 5693.2 | 5687.7 | 5676.5 | 5676.5 | 5673.7 | 5665.4 | 5659.9 | 5657.0 | 5657.0 |
| 5° | 5668.1 | 5657.0 | 5645.9 | 5615.3 | 5615.3 | 5609.7 | 5593.1 | 5581.8 | 5576.3 | 5562.4 | 5556.9 |
| 7.5° | 5643.1 | 5609.7 | 5590.2 | 5570.7 | 5545.7 | 5534.5 | 5515.0 | 5506.7 | 5487.2 | 5473.3 | 5465.0 |
| 10° | 5581.8 | 5559.6 | 5534.5 | 5503.9 | 5484.4 | 5462.2 | 5439.9 | 5423.2 | 5398.2 | 5384.2 | 5373.1 |
| 12.5° | 5540.1 | 5506.7 | 5484.4 | 5451.0 | 5417.6 | 5398.2 | 5367.6 | 5348.1 | 5323.0 | 5295.1 | 5278.4 |
| 15° | 5501.2 | 5465.0 | 5434.4 | 5398.2 | 5361.9 | 5339.7 | 5303.5 | 5281.3 | 5245.1 | 5217.2 | 5197.7 |
| 17.5° | 5442.7 | 5412.0 | 5378.7 | 5334.1 | 5300.8 | 5272.9 | 5233.8 | 5206.1 | 5172.6 | 5136.4 | 5116.9 |
| 20° | 5381.4 | 5345.2 | 5311.9 | 5267.3 | 5233.8 | 5200.5 | 5161.5 | 5130.9 | 5091.9 | 5058.5 | 5036.3 |
| 22.5° | 5300.8 | 5258.9 | 5231.1 | 5186.5 | 5147.5 | 5111.4 | 5075.2 | 5039.0 | 5002.8 | 4975.0 | 4949.9 |
| 25° | 5183.8 | 5139.2 | 5108.6 | 5072.4 | 5036.3 | 5008.4 | 4963.9 | 4941.6 | 4905.4 | 4880.3 | 4855.2 |
| 27.5° | 5016.7 | 4983.3 | 4955.5 | 4919.3 | 4888.7 | 4866.5 | 4833.0 | 4810.8 | 4780.0 | 4757.8 | 4738.3 |
| 30° | 4771.8 | 4744.0 | 4718.9 | 4682.6 | 4660.4 | 4640.9 | 4610.2 | 4590.7 | 4568.5 | 4543.4 | 4537.9 |
| 32.5° | 4443.3 | 4420.9 | 4395.9 | 4370.8 | 4354.1 | 4343.0 | 4317.9 | 4306.8 | 4284.6 | 4270.6 | 4256.7 |
| 35° | 3947.7 | 3928.2 | 3914.3 | 3903.2 | 3897.6 | 3900.3 | 3894.8 | 3905.9 | 3911.4 | 3908.7 | 3911.4 |
| 37.5° | 3299.1 | 3287.8 | 3293.5 | 3301.8 | 3329.7 | 3365.9 | 3399.2 | 3449.3 | 3482.8 | 3516.2 | 3546.8 |
| 40° | 2575.2 | 2583.6 | 2605.8 | 2655.9 | 2728.3 | 2809.1 | 2884.3 | 2978.9 | 3073.6 | 3140.4 | 3201.6 |
| 42.5° | 1943.2 | 1968.3 | 2023.9 | 2096.3 | 2205.0 | 2324.6 | 2441.6 | 2580.7 | 2695.0 | 2806.2 | 2884.3 |
| 45° | 1461.6 | 1495.0 | 1567.4 | 1667.6 | 1787.3 | 1926.5 | 2074.1 | 2229.9 | 2366.4 | 2480.6 | 2566.8 |
| 47.5° | 1138.7 | 1169.3 | 1241.7 | 1347.5 | 1495.0 | 1639.8 | 1792.9 | 1954.3 | 2096.3 | 2207.7 | 2282.9 |
| 50° | 899.2 | 938.2 | 1002.2 | 1113.6 | 1261.2 | 1414.3 | 1573.0 | 1731.6 | 1865.3 | 1960.0 | 2026.8 |
| 52.5° | 707.1 | 743.4 | 804.5 | 921.5 | 1071.9 | 1225.0 | 1372.5 | 1528.4 | 1645.3 | 1737.2 | 1781.8 |
| 55° | 548.4 | 581.9 | 645.8 | 743.4 | 885.3 | 1035.7 | 1183.2 | 1316.9 | 1425.4 | 1492.2 | 1534.0 |
| 57.5° | 417.6 | 442.7 | 487.2 | 584.6 | 712.8 | 851.9 | 977.2 | 1110.8 | 1194.4 | 1241.7 | 1269.4 |
| 60° | 317.4 | 336.9 | 384.2 | 459.4 | 576.3 | 696.0 | 801.8 | 902.1 | 968.9 | 1007.8 | 1035.7 |
| 62.5° | 239.4 | 261.7 | 295.1 | 359.1 | 448.2 | 545.7 | 634.7 | 709.9 | 765.6 | 790.7 | 810.2 |
| 65° | 164.2 | 180.9 | 206.0 | 256.1 | 331.3 | 400.8 | 470.5 | 526.2 | 562.4 | 590.3 | 601.4 |
| 67.5° | 122.5 | 133.6 | 147.6 | 186.6 | 239.4 | 295.1 | 342.4 | 381.4 | 420.4 | 431.5 | 451.0 |
| 70° | 91.9 | 100.3 | 114.1 | 142.0 | 172.6 | 211.5 | 250.6 | 272.8 | 300.7 | 320.2 | 325.8 |
| 72.5° | 58.4 | 61.2 | 75.2 | 91.9 | 116.9 | 142.0 | 167.1 | 186.6 | 203.3 | 214.4 | 219.9 |
| 75° | 33.5 | 50.1 | 50.1 | 66.8 | 83.5 | 94.7 | 111.4 | 125.2 | 133.6 | 142.0 | 142.0 |
| 77.5° | 22.2 | 30.6 | 33.5 | 41.7 | 50.1 | 64.1 | 77.9 | 86.3 | 94.7 | 97.4 | 97.4 |
| 80° | 19.5 | 22.2 | 22.2 | 30.6 | 36.2 | 47.3 | 55.7 | 58.4 | 64.1 | 66.8 | 72.4 |
| 82.5° | 8.4 | 11.1 | 13.9 | 22.2 | 25.1 | 25.1 | 33.5 | 36.2 | 41.7 | 44.6 | 44.6 |
| 85° | 2.8 | 5.6 | 5.6 | 8.4 | 13.9 | 16.7 | 19.5 | 22.2 | 25.1 | 25.1 | 27.8 |
| 87.5° | 2.8 | 2.8 | 0.0 | 2.8 | 5.6 | 5.6 | 11.1 | 11.1 | 11.1 | 16.7 | 16.7 |
| 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: P248726

CATALOG NUMBER: LD8B100D010 ER8B100940 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5701.6 |
| 2.5° | 5651.5 | 5654.3 | 5643.1 | 5640.4 | 5634.8 | 5637.5 | 5643.1 |
| 5° | 5548.5 | 5551.2 | 5540.1 | 5529.0 | 5529.0 | 5526.2 | 5529.0 |
| 7.5° | 5451.0 | 5453.8 | 5437.1 | 5431.5 | 5420.4 | 5423.2 | 5423.2 |
| 10° | 5353.6 | 5353.6 | 5328.6 | 5325.7 | 5317.4 | 5314.6 | 5314.6 |
| 12.5° | 5258.9 | 5250.6 | 5231.1 | 5220.0 | 5225.6 | 5208.8 | 5208.8 |
| 15° | 5175.4 | 5161.5 | 5136.4 | 5128.1 | 5114.2 | 5108.6 | 5108.6 |
| 17.5° | 5089.1 | 5078.0 | 5055.8 | 5039.0 | 5022.3 | 5019.5 | 5022.3 |
| 20° | 5005.6 | 4994.4 | 4966.6 | 4955.5 | 4941.6 | 4941.6 | 4936.0 |
| 22.5° | 4922.0 | 4910.9 | 4885.9 | 4877.6 | 4858.1 | 4858.1 | 4860.8 |
| 25° | 4835.7 | 4827.4 | 4799.5 | 4794.0 | 4791.3 | 4780.0 | 4785.7 |
| 27.5° | 4718.9 | 4713.2 | 4691.0 | 4682.6 | 4671.5 | 4668.8 | 4674.3 |
| 30° | 4504.5 | 4496.1 | 4479.5 | 4471.1 | 4451.6 | 4454.4 | 4459.9 |
| 32.5° | 4237.2 | 4226.1 | 4203.8 | 4195.4 | 4178.8 | 4173.2 | 4175.9 |
| 35° | 3903.2 | 3894.8 | 3875.4 | 3875.4 | 3858.6 | 3853.0 | 3858.6 |
| 37.5° | 3563.6 | 3571.8 | 3563.6 | 3571.8 | 3563.6 | 3560.7 | 3563.6 |
| 40° | 3243.4 | 3274.0 | 3279.5 | 3310.2 | 3299.1 | 3315.7 | 3312.9 |
| 42.5° | 2937.1 | 2987.2 | 3006.8 | 3031.7 | 3026.2 | 3037.3 | 3045.7 |
| 45° | 2628.0 | 2669.9 | 2689.3 | 2706.1 | 2708.8 | 2714.4 | 2717.2 |
| 47.5° | 2335.7 | 2369.2 | 2371.9 | 2391.4 | 2388.6 | 2388.6 | 2397.0 |
| 50° | 2063.0 | 2085.2 | 2090.7 | 2104.7 | 2093.6 | 2088.0 | 2090.7 |
| 52.5° | 1809.6 | 1831.9 | 1826.2 | 1831.9 | 1818.0 | 1812.4 | 1815.1 |
| 55° | 1550.6 | 1561.8 | 1561.8 | 1561.8 | 1545.1 | 1545.1 | 1545.1 |
| 57.5° | 1286.2 | 1289.0 | 1283.4 | 1286.2 | 1283.4 | 1266.7 | 1263.9 |
| 60° | 1044.0 | 1044.0 | 1041.2 | 1044.0 | 1035.7 | 1027.3 | 1027.3 |
| 62.5° | 815.7 | 821.3 | 832.4 | 821.3 | 815.7 | 821.3 | 812.9 |
| 65° | 609.7 | 620.9 | 618.0 | 623.6 | 620.9 | 620.9 | 615.2 |
| 67.5° | 459.4 | 462.1 | 464.9 | 467.8 | 467.8 | 467.8 | 467.8 |
| 70° | 336.9 | 345.3 | 342.4 | 342.4 | 342.4 | 342.4 | 359.1 |
| 72.5° | 225.5 | 236.6 | 233.9 | 239.4 | 239.4 | 245.0 | 239.4 |
| 75° | 153.1 | 164.2 | 158.7 | 167.1 | 164.2 | 158.7 | 172.6 |
| 77.5° | 103.0 | 108.6 | 111.4 | 114.1 | 111.4 | 108.6 | 111.4 |
| 80° | 72.4 | 77.9 | 75.2 | 77.9 | 77.9 | 77.9 | 80.8 |
| 82.5° | 44.6 | 52.9 | 50.1 | 52.9 | 50.1 | 52.9 | 52.9 |
| 85° | 30.6 | 33.5 | 27.8 | 33.5 | 30.6 | 30.6 | 36.2 |
| 87.5° | 19.5 | 16.7 | 16.7 | 19.5 | 16.7 | 19.5 | 16.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)