

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: P248979

Luminaire Tested: **LD8B120D010 ER8B120827 8LBSW0MW**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P248979
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: LD8B120D010 ER8B120827 8LBSW0MW
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT
80 CRI 2700 CCT WITH MATTE WHITE TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11447.0 lumens
Efficiency: N/A
Efficacy: 96.8 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

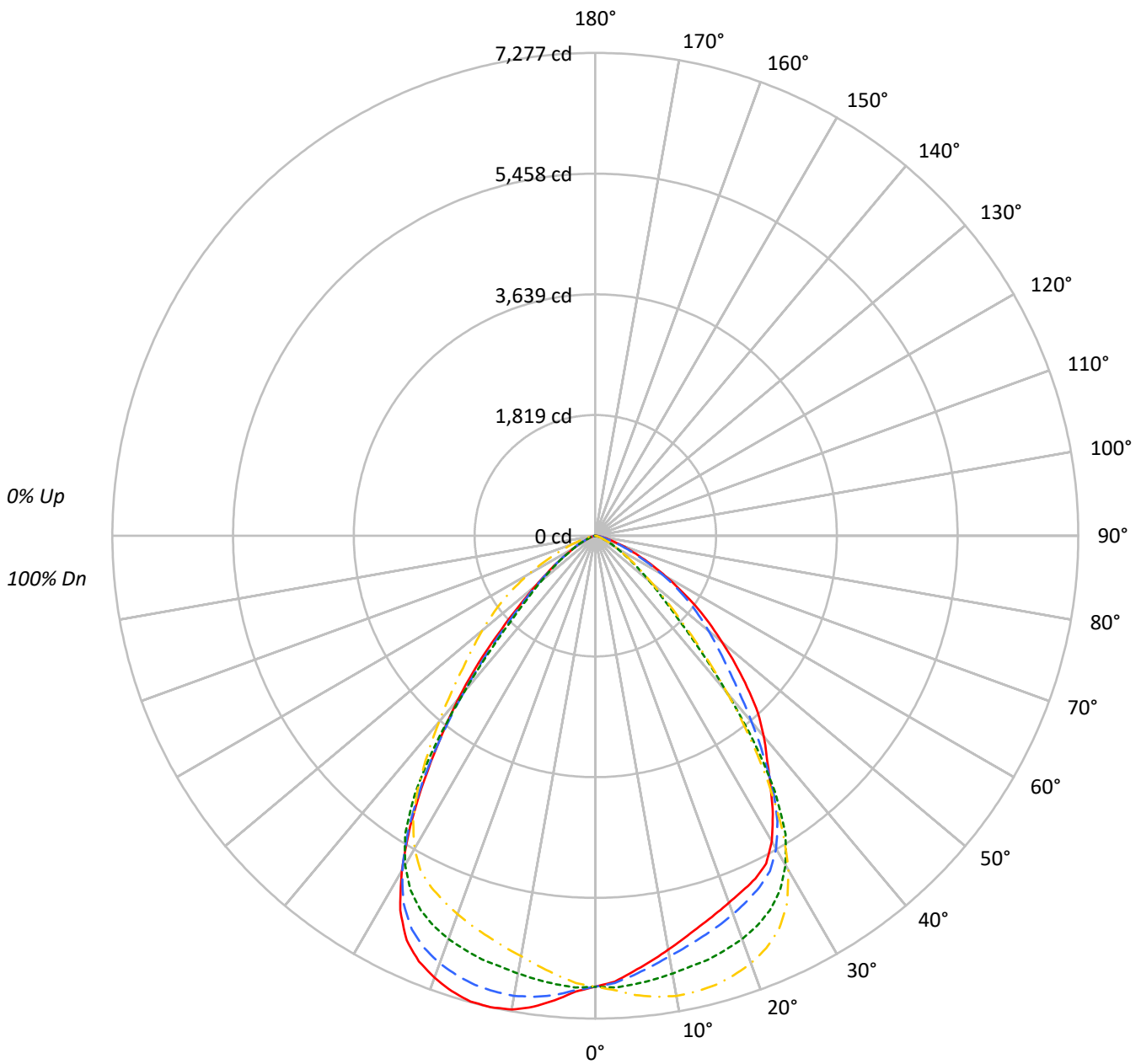
Input Watts (W): 118.3
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P248979

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270° - - - 135°-315°



TEST NUMBER: P248979

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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° | 209554 | 209554 | 209554 | 209554 |
| 5° | 203988 | 210048 | 217545 | 210048 |
| 10° | 198346 | 209772 | 227021 | 209772 |
| 15° | 194383 | 211018 | 231989 | 211018 |
| 20° | 193059 | 212223 | 232585 | 212223 |
| 25° | 194074 | 211797 | 228850 | 211797 |
| 30° | 189275 | 204044 | 207712 | 204044 |
| 35° | 173129 | 177997 | 168883 | 177997 |
| 40° | 158951 | 123817 | 129300 | 123817 |
| 45° | 141233 | 75535 | 87401 | 75535 |
| 50° | 119543 | 50458 | 56032 | 50458 |
| 55° | 99013 | 34429 | 36391 | 34429 |
| 60° | 75512 | 22918 | 23121 | 22918 |
| 65° | 53505 | 14279 | 13075 | 14279 |
| 70° | 38588 | 9566 | 8682 | 9566 |
| 75° | 24508 | 4754 | 3956 | 4754 |
| 80° | 17101 | 3534 | 2930 | 3534 |
| 85° | 15284 | 0 | 1168 | 0 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 646.8 | 5.7 |
| 10°-20° | 1873.1 | 16.4 |
| 20°-30° | 2836.2 | 24.8 |
| 30°-40° | 2842.6 | 24.8 |
| 40°-50° | 1785.0 | 15.6 |
| 50°-60° | 951.2 | 8.3 |
| 60°-70° | 391.2 | 3.4 |
| 70°-80° | 103.3 | 0.9 |
| 80°-90° | 17.5 | 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° | 5356.2 | 46.8 |
| 0°-40° | 8198.8 | 71.6 |
| 0°-60° | 10935.0 | 95.5 |
| 0°-90° | 11447.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 11447.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 6796 | 6796 | 6796 | 6796 | 6796 | |
| 5° | 6590 | 6786 | 7028 | 6786 | 6590 | 621 |
| 15° | 6089 | 6610 | 7267 | 6610 | 6089 | 1722 |
| 25° | 5704 | 6225 | 6726 | 6225 | 5704 | 2616 |
| 35° | 4599 | 4728 | 4486 | 4728 | 4599 | 2881 |
| 45° | 3239 | 1732 | 2004 | 1732 | 3239 | 2491 |
| 55° | 1842 | 640 | 677 | 640 | 1842 | 1642 |
| 65° | 733 | 196 | 179 | 196 | 733 | 761 |
| 75° | 206 | 40 | 33 | 40 | 206 | 233 |
| 85° | 43 | 0 | 3 | 0 | 43 | 47 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P248979

CATALOG NUMBER: LD8B120D010 ER8B120827 8LBSW0MW

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 |
| 2.5° | 6726.1 | 6719.4 | 6716.1 | 6722.8 | 6726.1 | 6739.3 | 6736.0 | 6742.6 | 6742.6 | 6746.0 | 6752.6 |
| 5° | 6590.0 | 6586.6 | 6590.0 | 6590.0 | 6603.3 | 6616.5 | 6613.2 | 6623.2 | 6629.8 | 6646.4 | 6653.0 |
| 7.5° | 6464.0 | 6464.0 | 6460.6 | 6473.8 | 6480.5 | 6500.4 | 6497.0 | 6513.7 | 6523.7 | 6540.2 | 6563.4 |
| 10° | 6334.5 | 6334.5 | 6337.8 | 6347.7 | 6351.2 | 6380.9 | 6380.9 | 6404.1 | 6417.4 | 6434.1 | 6464.0 |
| 12.5° | 6208.4 | 6208.4 | 6228.4 | 6221.7 | 6234.9 | 6258.1 | 6268.1 | 6291.3 | 6311.3 | 6344.5 | 6374.4 |
| 15° | 6088.9 | 6088.9 | 6095.6 | 6112.1 | 6122.1 | 6152.0 | 6168.5 | 6195.2 | 6218.4 | 6251.6 | 6294.7 |
| 17.5° | 5986.1 | 5982.8 | 5986.1 | 6006.0 | 6026.0 | 6052.4 | 6065.7 | 6098.9 | 6122.1 | 6165.3 | 6205.1 |
| 20° | 5883.2 | 5889.9 | 5889.9 | 5906.4 | 5919.7 | 5952.9 | 5966.1 | 6002.7 | 6029.2 | 6069.0 | 6115.5 |
| 22.5° | 5793.6 | 5790.3 | 5790.3 | 5813.6 | 5823.5 | 5853.3 | 5866.6 | 5899.8 | 5929.7 | 5962.9 | 6006.0 |
| 25° | 5704.0 | 5697.3 | 5710.7 | 5714.0 | 5720.6 | 5753.7 | 5763.7 | 5786.9 | 5816.8 | 5846.8 | 5889.9 |
| 27.5° | 5571.3 | 5564.7 | 5568.0 | 5581.2 | 5591.2 | 5617.7 | 5624.4 | 5647.6 | 5670.8 | 5697.3 | 5733.9 |
| 30° | 5315.7 | 5309.2 | 5305.9 | 5329.1 | 5339.1 | 5358.9 | 5368.9 | 5408.7 | 5415.3 | 5445.2 | 5471.7 |
| 32.5° | 4977.3 | 4974.0 | 4980.7 | 5000.5 | 5010.5 | 5037.1 | 5050.4 | 5073.6 | 5090.1 | 5106.8 | 5133.3 |
| 35° | 4599.1 | 4592.4 | 4599.1 | 4619.0 | 4619.0 | 4642.2 | 4652.2 | 4662.1 | 4658.8 | 4662.1 | 4655.5 |
| 37.5° | 4247.4 | 4244.0 | 4247.4 | 4257.2 | 4247.4 | 4257.2 | 4247.4 | 4227.5 | 4191.0 | 4151.1 | 4111.2 |
| 40° | 3948.7 | 3952.0 | 3932.2 | 3945.4 | 3908.8 | 3902.3 | 3865.8 | 3815.9 | 3743.0 | 3663.4 | 3550.6 |
| 42.5° | 3630.2 | 3620.2 | 3607.0 | 3613.5 | 3583.7 | 3560.4 | 3500.7 | 3437.7 | 3344.7 | 3212.1 | 3075.9 |
| 45° | 3238.6 | 3235.3 | 3228.6 | 3225.4 | 3205.4 | 3182.2 | 3132.3 | 3059.4 | 2956.6 | 2820.5 | 2657.9 |
| 47.5° | 2857.0 | 2847.0 | 2847.0 | 2850.3 | 2827.1 | 2823.8 | 2783.9 | 2721.0 | 2631.4 | 2498.6 | 2329.4 |
| 50° | 2491.9 | 2488.6 | 2495.3 | 2508.6 | 2491.9 | 2485.4 | 2458.9 | 2415.7 | 2336.1 | 2223.3 | 2063.9 |
| 52.5° | 2163.4 | 2160.2 | 2166.9 | 2183.4 | 2176.7 | 2183.4 | 2156.9 | 2123.7 | 2070.6 | 1961.0 | 1821.7 |
| 55° | 1841.7 | 1841.7 | 1841.7 | 1861.5 | 1861.5 | 1861.5 | 1848.2 | 1828.4 | 1778.6 | 1698.9 | 1569.6 |
| 57.5° | 1506.5 | 1509.8 | 1529.7 | 1533.0 | 1529.7 | 1536.4 | 1533.0 | 1513.0 | 1480.0 | 1423.6 | 1324.0 |
| 60° | 1224.4 | 1224.4 | 1234.4 | 1244.4 | 1241.0 | 1244.4 | 1244.4 | 1234.4 | 1201.2 | 1154.8 | 1075.2 |
| 62.5° | 968.9 | 978.9 | 972.2 | 978.9 | 992.1 | 978.9 | 972.2 | 965.6 | 942.4 | 912.5 | 846.1 |
| 65° | 733.3 | 740.0 | 740.0 | 743.3 | 736.6 | 740.0 | 726.7 | 716.8 | 703.5 | 670.3 | 627.2 |
| 67.5° | 557.5 | 557.5 | 557.5 | 557.5 | 554.1 | 550.8 | 547.6 | 537.6 | 514.4 | 501.1 | 454.5 |
| 70° | 428.0 | 408.1 | 408.1 | 408.1 | 408.1 | 411.5 | 401.5 | 388.3 | 381.6 | 358.4 | 325.2 |
| 72.5° | 285.3 | 292.0 | 285.3 | 285.3 | 278.8 | 282.0 | 268.8 | 262.1 | 255.5 | 242.3 | 222.4 |
| 75° | 205.7 | 189.2 | 195.7 | 199.1 | 189.2 | 195.7 | 182.5 | 169.2 | 169.2 | 159.3 | 149.3 |
| 77.5° | 132.8 | 129.5 | 132.8 | 136.0 | 132.8 | 129.5 | 122.8 | 116.1 | 116.1 | 112.8 | 102.8 |
| 80° | 96.3 | 92.9 | 92.9 | 92.9 | 89.6 | 92.9 | 86.3 | 86.3 | 79.6 | 76.3 | 69.7 |
| 82.5° | 63.1 | 63.1 | 59.7 | 63.1 | 59.7 | 63.1 | 53.1 | 53.1 | 53.1 | 49.7 | 43.2 |
| 85° | 43.2 | 36.5 | 36.5 | 39.9 | 33.2 | 39.9 | 36.5 | 33.2 | 29.9 | 29.9 | 26.5 |
| 87.5° | 19.9 | 23.2 | 19.9 | 23.2 | 19.9 | 19.9 | 23.2 | 19.9 | 19.9 | 13.2 | 13.2 |
| 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: P248979

CATALOG NUMBER: LD8B120D010 ER8B120827 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 |
| 2.5° | 6762.5 | 6765.8 | 6765.8 | 6779.2 | 6785.8 | 6789.0 | 6789.0 | 6815.7 | 6805.7 | 6812.4 | 6818.9 |
| 5° | 6666.4 | 6686.2 | 6692.9 | 6692.9 | 6729.3 | 6742.6 | 6755.8 | 6785.8 | 6789.0 | 6809.0 | 6832.2 |
| 7.5° | 6573.4 | 6596.6 | 6610.0 | 6639.7 | 6663.0 | 6686.2 | 6726.1 | 6746.0 | 6765.8 | 6792.4 | 6822.2 |
| 10° | 6483.8 | 6510.4 | 6536.9 | 6560.1 | 6596.6 | 6626.5 | 6653.0 | 6699.4 | 6722.8 | 6759.3 | 6799.0 |
| 12.5° | 6397.6 | 6434.1 | 6457.3 | 6497.0 | 6536.9 | 6563.4 | 6603.3 | 6646.4 | 6682.9 | 6719.4 | 6765.8 |
| 15° | 6321.2 | 6364.4 | 6390.9 | 6434.1 | 6477.2 | 6513.7 | 6556.8 | 6610.0 | 6636.5 | 6679.6 | 6722.8 |
| 17.5° | 6238.2 | 6284.8 | 6318.0 | 6357.7 | 6410.8 | 6450.6 | 6487.2 | 6540.2 | 6573.4 | 6619.8 | 6669.7 |
| 20° | 6152.0 | 6198.5 | 6238.2 | 6278.1 | 6331.2 | 6371.0 | 6414.1 | 6467.2 | 6503.7 | 6550.1 | 6590.0 |
| 22.5° | 6049.2 | 6092.3 | 6135.4 | 6181.8 | 6234.9 | 6268.1 | 6318.0 | 6364.4 | 6404.1 | 6447.3 | 6487.2 |
| 25° | 5916.4 | 5969.5 | 6002.7 | 6045.8 | 6088.9 | 6125.4 | 6178.5 | 6224.9 | 6258.1 | 6298.0 | 6334.5 |
| 27.5° | 5760.4 | 5800.3 | 5826.8 | 5863.3 | 5906.4 | 5939.6 | 5979.4 | 6026.0 | 6059.1 | 6095.6 | 6122.1 |
| 30° | 5494.9 | 5531.5 | 5554.7 | 5581.2 | 5624.4 | 5654.3 | 5687.5 | 5730.5 | 5753.7 | 5780.4 | 5803.6 |
| 32.5° | 5146.5 | 5176.4 | 5189.7 | 5209.6 | 5239.5 | 5269.3 | 5295.9 | 5332.4 | 5342.4 | 5358.9 | 5358.9 |
| 35° | 4642.2 | 4648.8 | 4645.5 | 4652.2 | 4665.5 | 4682.0 | 4705.2 | 4728.4 | 4741.7 | 4741.7 | 4731.8 |
| 37.5° | 4051.5 | 4011.8 | 3968.6 | 3935.4 | 3925.5 | 3918.8 | 3932.2 | 3942.0 | 3955.4 | 3961.9 | 3945.4 |
| 40° | 3437.7 | 3348.1 | 3251.9 | 3165.5 | 3105.9 | 3079.4 | 3069.4 | 3075.9 | 3075.9 | 3099.2 | 3099.2 |
| 42.5° | 2910.1 | 2770.7 | 2628.1 | 2498.6 | 2412.3 | 2346.1 | 2316.1 | 2316.1 | 2319.4 | 2336.1 | 2346.1 |
| 45° | 2472.1 | 2296.2 | 2130.3 | 1987.7 | 1868.2 | 1781.8 | 1742.1 | 1732.1 | 1728.8 | 1735.4 | 1758.6 |
| 47.5° | 2136.9 | 1954.5 | 1781.8 | 1606.1 | 1480.0 | 1393.7 | 1357.2 | 1343.8 | 1330.6 | 1343.8 | 1347.2 |
| 50° | 1874.8 | 1685.7 | 1503.2 | 1327.3 | 1194.5 | 1118.2 | 1071.8 | 1051.8 | 1048.5 | 1048.5 | 1055.2 |
| 52.5° | 1635.8 | 1460.1 | 1277.6 | 1098.4 | 958.9 | 886.0 | 842.8 | 832.9 | 819.6 | 832.9 | 832.9 |
| 55° | 1410.2 | 1234.4 | 1055.2 | 886.0 | 769.8 | 693.6 | 653.7 | 640.4 | 633.7 | 643.7 | 643.7 |
| 57.5° | 1164.8 | 1015.3 | 849.5 | 696.8 | 580.7 | 527.6 | 497.7 | 481.2 | 477.8 | 484.5 | 477.8 |
| 60° | 955.7 | 829.6 | 686.9 | 547.6 | 458.0 | 401.5 | 378.3 | 371.6 | 364.9 | 371.6 | 371.6 |
| 62.5° | 756.5 | 650.4 | 534.2 | 428.0 | 351.7 | 312.0 | 285.3 | 285.3 | 282.0 | 282.0 | 285.3 |
| 65° | 560.8 | 477.8 | 394.9 | 305.3 | 245.6 | 215.7 | 195.7 | 195.7 | 192.4 | 195.7 | 192.4 |
| 67.5° | 408.1 | 351.7 | 285.3 | 222.4 | 175.9 | 159.3 | 146.0 | 136.0 | 142.7 | 136.0 | 132.8 |
| 70° | 298.7 | 252.1 | 205.7 | 169.2 | 136.0 | 119.5 | 109.5 | 106.1 | 99.6 | 99.6 | 99.6 |
| 72.5° | 199.1 | 169.2 | 139.3 | 109.5 | 89.6 | 72.9 | 69.7 | 63.1 | 56.4 | 59.7 | 66.4 |
| 75° | 132.8 | 112.8 | 99.6 | 79.6 | 59.7 | 59.7 | 39.9 | 39.9 | 33.2 | 39.9 | 29.9 |
| 77.5° | 92.9 | 76.3 | 59.7 | 49.7 | 39.9 | 36.5 | 26.5 | 26.5 | 23.2 | 23.2 | 23.2 |
| 80° | 66.4 | 56.4 | 43.2 | 36.5 | 26.5 | 26.5 | 23.2 | 19.9 | 16.5 | 16.5 | 19.9 |
| 82.5° | 39.9 | 29.9 | 29.9 | 26.5 | 16.5 | 13.2 | 10.0 | 13.2 | 6.7 | 6.7 | 6.7 |
| 85° | 23.2 | 19.9 | 16.5 | 10.0 | 6.7 | 6.7 | 3.3 | 0.0 | 3.3 | 3.3 | 0.0 |
| 87.5° | 13.2 | 6.7 | 6.7 | 3.3 | 0.0 | 3.3 | 3.3 | 0.0 | 0.0 | 0.0 | 6.7 |
| 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: P248979

CATALOG NUMBER: LD8B120D010 ER8B120827 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 |
| 2.5° | 6835.6 | 6832.2 | 6838.9 | 6838.9 | 6858.8 | 6855.4 | 6865.4 | 6865.4 | 6858.8 | 6862.1 | 6875.3 |
| 5° | 6858.8 | 6868.8 | 6888.6 | 6905.3 | 6935.0 | 6948.4 | 6964.9 | 6981.6 | 6984.9 | 6994.9 | 7004.8 |
| 7.5° | 6858.8 | 6892.0 | 6915.2 | 6945.0 | 6984.9 | 7008.1 | 7044.6 | 7074.5 | 7087.7 | 7104.3 | 7124.2 |
| 10° | 6845.4 | 6878.6 | 6921.8 | 6955.0 | 7004.8 | 7041.3 | 7077.8 | 7124.2 | 7144.1 | 7170.6 | 7197.3 |
| 12.5° | 6818.9 | 6855.4 | 6901.8 | 6945.0 | 7001.4 | 7034.6 | 7081.0 | 7124.2 | 7154.1 | 7190.6 | 7220.5 |
| 15° | 6779.2 | 6822.2 | 6865.4 | 6908.5 | 6968.2 | 7008.1 | 7051.3 | 7101.0 | 7130.9 | 7170.6 | 7197.3 |
| 17.5° | 6716.1 | 6762.5 | 6802.4 | 6842.2 | 6898.6 | 6945.0 | 6984.9 | 7031.3 | 7061.2 | 7094.4 | 7130.9 |
| 20° | 6639.7 | 6682.9 | 6726.1 | 6759.3 | 6815.7 | 6855.4 | 6898.6 | 6941.7 | 6964.9 | 6971.6 | 7028.0 |
| 22.5° | 6543.6 | 6573.4 | 6606.6 | 6659.7 | 6692.9 | 6729.3 | 6769.2 | 6809.0 | 6832.2 | 6868.8 | 6888.6 |
| 25° | 6384.2 | 6414.1 | 6450.6 | 6473.8 | 6513.7 | 6543.6 | 6583.3 | 6626.5 | 6639.7 | 6666.4 | 6686.2 |
| 27.5° | 6162.0 | 6178.5 | 6195.2 | 6215.0 | 6238.2 | 6254.9 | 6278.1 | 6298.0 | 6311.3 | 6324.5 | 6337.8 |
| 30° | 5810.2 | 5810.2 | 5810.2 | 5796.9 | 5806.9 | 5816.8 | 5820.1 | 5816.8 | 5816.8 | 5813.6 | 5813.6 |
| 32.5° | 5345.6 | 5319.1 | 5289.2 | 5262.7 | 5252.8 | 5239.5 | 5232.8 | 5222.9 | 5206.3 | 5196.4 | 5199.6 |
| 35° | 4718.5 | 4658.8 | 4622.3 | 4589.1 | 4562.6 | 4542.7 | 4532.7 | 4522.7 | 4519.5 | 4506.2 | 4492.8 |
| 37.5° | 3935.4 | 3892.3 | 3865.8 | 3845.8 | 3822.6 | 3802.7 | 3806.0 | 3809.4 | 3819.2 | 3812.7 | 3815.9 |
| 40° | 3105.9 | 3095.9 | 3105.9 | 3082.6 | 3075.9 | 3082.6 | 3099.2 | 3122.5 | 3135.8 | 3149.0 | 3172.2 |
| 42.5° | 2362.6 | 2379.1 | 2402.5 | 2402.5 | 2412.3 | 2425.7 | 2445.5 | 2482.1 | 2501.9 | 2525.1 | 2551.7 |
| 45° | 1778.6 | 1798.5 | 1828.4 | 1838.2 | 1844.9 | 1861.5 | 1884.8 | 1914.6 | 1927.8 | 1947.8 | 1971.0 |
| 47.5° | 1370.5 | 1383.7 | 1400.2 | 1416.9 | 1433.4 | 1440.1 | 1463.3 | 1463.3 | 1480.0 | 1493.2 | 1499.8 |
| 50° | 1068.5 | 1081.7 | 1095.0 | 1104.9 | 1111.6 | 1121.6 | 1128.2 | 1138.1 | 1141.4 | 1148.1 | 1151.4 |
| 52.5° | 836.1 | 852.8 | 852.8 | 859.4 | 869.3 | 879.3 | 876.0 | 879.3 | 882.6 | 882.6 | 892.6 |
| 55° | 653.7 | 653.7 | 663.6 | 663.6 | 670.3 | 666.9 | 670.3 | 670.3 | 670.3 | 670.3 | 673.6 |
| 57.5° | 487.7 | 491.1 | 501.1 | 494.4 | 491.1 | 497.7 | 491.1 | 497.7 | 494.4 | 501.1 | 491.1 |
| 60° | 374.9 | 374.9 | 378.3 | 378.3 | 381.6 | 381.6 | 381.6 | 378.3 | 378.3 | 374.9 | 374.9 |
| 62.5° | 282.0 | 285.3 | 288.7 | 285.3 | 285.3 | 285.3 | 282.0 | 282.0 | 278.8 | 275.3 | 275.3 |
| 65° | 189.2 | 185.9 | 192.4 | 185.9 | 189.2 | 189.2 | 185.9 | 189.2 | 179.2 | 182.5 | 179.2 |
| 67.5° | 136.0 | 132.8 | 129.5 | 132.8 | 129.5 | 126.1 | 126.1 | 129.5 | 132.8 | 122.8 | 122.8 |
| 70° | 89.6 | 92.9 | 89.6 | 92.9 | 96.3 | 96.3 | 92.9 | 89.6 | 92.9 | 86.3 | 89.6 |
| 72.5° | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 59.7 | 59.7 | 59.7 | 53.1 | 53.1 | 49.7 |
| 75° | 26.5 | 36.5 | 29.9 | 26.5 | 36.5 | 36.5 | 33.2 | 33.2 | 29.9 | 29.9 | 29.9 |
| 77.5° | 26.5 | 19.9 | 19.9 | 19.9 | 19.9 | 19.9 | 19.9 | 19.9 | 16.5 | 19.9 | 16.5 |
| 80° | 13.2 | 13.2 | 13.2 | 10.0 | 13.2 | 13.2 | 16.5 | 13.2 | 13.2 | 10.0 | 16.5 |
| 82.5° | 6.7 | 6.7 | 6.7 | 0.0 | 3.3 | 6.7 | 6.7 | 3.3 | 6.7 | 6.7 | 3.3 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248979

CATALOG NUMBER: LD8B120D010 ER8B120827 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 |
| 2.5° | 6872.1 | 6868.8 | 6872.1 | 6875.3 | 6872.1 | 6868.8 | 6872.1 | 6875.3 | 6862.1 | 6858.8 | 6865.4 |
| 5° | 7018.1 | 7018.1 | 7024.6 | 7028.0 | 7024.6 | 7018.1 | 7018.1 | 7004.8 | 6994.9 | 6984.9 | 6981.6 |
| 7.5° | 7144.1 | 7150.8 | 7157.4 | 7160.7 | 7157.4 | 7150.8 | 7144.1 | 7124.2 | 7104.3 | 7087.7 | 7074.5 |
| 10° | 7220.5 | 7230.5 | 7243.7 | 7250.3 | 7243.7 | 7230.5 | 7220.5 | 7197.3 | 7170.6 | 7144.1 | 7124.2 |
| 12.5° | 7253.7 | 7263.6 | 7280.2 | 7276.9 | 7280.2 | 7263.6 | 7253.7 | 7220.5 | 7190.6 | 7154.1 | 7124.2 |
| 15° | 7230.5 | 7243.7 | 7260.2 | 7266.9 | 7260.2 | 7243.7 | 7230.5 | 7197.3 | 7170.6 | 7130.9 | 7101.0 |
| 17.5° | 7157.4 | 7177.3 | 7187.3 | 7197.3 | 7187.3 | 7177.3 | 7157.4 | 7130.9 | 7094.4 | 7061.2 | 7031.3 |
| 20° | 7057.8 | 7071.2 | 7084.5 | 7087.7 | 7084.5 | 7071.2 | 7057.8 | 7028.0 | 6971.6 | 6964.9 | 6941.7 |
| 22.5° | 6915.2 | 6925.2 | 6955.0 | 6945.0 | 6955.0 | 6925.2 | 6915.2 | 6888.6 | 6868.8 | 6832.2 | 6809.0 |
| 25° | 6709.4 | 6719.4 | 6722.8 | 6726.1 | 6722.8 | 6719.4 | 6709.4 | 6686.2 | 6666.4 | 6639.7 | 6626.5 |
| 27.5° | 6354.4 | 6354.4 | 6361.0 | 6364.4 | 6361.0 | 6354.4 | 6354.4 | 6337.8 | 6324.5 | 6311.3 | 6298.0 |
| 30° | 5816.8 | 5816.8 | 5816.8 | 5833.5 | 5816.8 | 5816.8 | 5816.8 | 5813.6 | 5813.6 | 5816.8 | 5816.8 |
| 32.5° | 5196.4 | 5189.7 | 5183.1 | 5189.7 | 5183.1 | 5189.7 | 5196.4 | 5199.6 | 5196.4 | 5206.3 | 5222.9 |
| 35° | 4492.8 | 4489.6 | 4499.5 | 4486.3 | 4499.5 | 4489.6 | 4492.8 | 4492.8 | 4506.2 | 4519.5 | 4522.7 |
| 37.5° | 3819.2 | 3812.7 | 3825.9 | 3812.7 | 3825.9 | 3812.7 | 3819.2 | 3815.9 | 3812.7 | 3819.2 | 3809.4 |
| 40° | 3178.9 | 3185.5 | 3185.5 | 3212.1 | 3185.5 | 3185.5 | 3178.9 | 3172.2 | 3149.0 | 3135.8 | 3122.5 |
| 42.5° | 2565.0 | 2584.9 | 2578.2 | 2598.2 | 2578.2 | 2584.9 | 2565.0 | 2551.7 | 2525.1 | 2501.9 | 2482.1 |
| 45° | 1984.2 | 1997.6 | 1997.6 | 2004.2 | 1997.6 | 1997.6 | 1984.2 | 1971.0 | 1947.8 | 1927.8 | 1914.6 |
| 47.5° | 1523.0 | 1523.0 | 1523.0 | 1526.4 | 1523.0 | 1523.0 | 1523.0 | 1499.8 | 1493.2 | 1480.0 | 1463.3 |
| 50° | 1158.1 | 1161.3 | 1164.8 | 1168.0 | 1164.8 | 1161.3 | 1158.1 | 1151.4 | 1148.1 | 1141.4 | 1138.1 |
| 52.5° | 889.3 | 892.6 | 886.0 | 892.6 | 886.0 | 892.6 | 889.3 | 892.6 | 882.6 | 882.6 | 879.3 |
| 55° | 673.6 | 670.3 | 673.6 | 676.9 | 673.6 | 670.3 | 673.6 | 673.6 | 670.3 | 670.3 | 670.3 |
| 57.5° | 494.4 | 487.7 | 487.7 | 487.7 | 487.7 | 487.7 | 494.4 | 491.1 | 501.1 | 494.4 | 497.7 |
| 60° | 368.4 | 371.6 | 371.6 | 374.9 | 371.6 | 371.6 | 368.4 | 374.9 | 374.9 | 378.3 | 378.3 |
| 62.5° | 272.1 | 282.0 | 275.3 | 282.0 | 275.3 | 282.0 | 272.1 | 275.3 | 275.3 | 278.8 | 282.0 |
| 65° | 175.9 | 175.9 | 175.9 | 179.2 | 175.9 | 175.9 | 175.9 | 179.2 | 182.5 | 179.2 | 189.2 |
| 67.5° | 119.5 | 122.8 | 129.5 | 126.1 | 129.5 | 122.8 | 119.5 | 122.8 | 122.8 | 132.8 | 129.5 |
| 70° | 96.3 | 86.3 | 86.3 | 96.3 | 86.3 | 86.3 | 96.3 | 89.6 | 86.3 | 92.9 | 89.6 |
| 72.5° | 56.4 | 49.7 | 56.4 | 56.4 | 56.4 | 49.7 | 56.4 | 49.7 | 53.1 | 53.1 | 59.7 |
| 75° | 29.9 | 26.5 | 23.2 | 33.2 | 23.2 | 26.5 | 29.9 | 29.9 | 29.9 | 29.9 | 33.2 |
| 77.5° | 19.9 | 16.5 | 23.2 | 23.2 | 23.2 | 16.5 | 19.9 | 16.5 | 19.9 | 16.5 | 19.9 |
| 80° | 10.0 | 13.2 | 10.0 | 16.5 | 10.0 | 13.2 | 10.0 | 16.5 | 10.0 | 13.2 | 13.2 |
| 82.5° | 3.3 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 3.3 | 3.3 | 6.7 | 6.7 | 3.3 |
| 85° | 0.0 | 6.7 | 3.3 | 3.3 | 3.3 | 6.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 3.3 | 0.0 | 0.0 | 3.3 | 0.0 | 0.0 | 3.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248979

CATALOG NUMBER: LD8B120D010 ER8B120827 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 |
| 2.5° | 6865.4 | 6855.4 | 6858.8 | 6838.9 | 6838.9 | 6832.2 | 6835.6 | 6818.9 | 6812.4 | 6805.7 | 6815.7 |
| 5° | 6964.9 | 6948.4 | 6935.0 | 6905.3 | 6888.6 | 6868.8 | 6858.8 | 6832.2 | 6809.0 | 6789.0 | 6785.8 |
| 7.5° | 7044.6 | 7008.1 | 6984.9 | 6945.0 | 6915.2 | 6892.0 | 6858.8 | 6822.2 | 6792.4 | 6765.8 | 6746.0 |
| 10° | 7077.8 | 7041.3 | 7004.8 | 6955.0 | 6921.8 | 6878.6 | 6845.4 | 6799.0 | 6759.3 | 6722.8 | 6699.4 |
| 12.5° | 7081.0 | 7034.6 | 7001.4 | 6945.0 | 6901.8 | 6855.4 | 6818.9 | 6765.8 | 6719.4 | 6682.9 | 6646.4 |
| 15° | 7051.3 | 7008.1 | 6968.2 | 6908.5 | 6865.4 | 6822.2 | 6779.2 | 6722.8 | 6679.6 | 6636.5 | 6610.0 |
| 17.5° | 6984.9 | 6945.0 | 6898.6 | 6842.2 | 6802.4 | 6762.5 | 6716.1 | 6669.7 | 6619.8 | 6573.4 | 6540.2 |
| 20° | 6898.6 | 6855.4 | 6815.7 | 6759.3 | 6726.1 | 6682.9 | 6639.7 | 6590.0 | 6550.1 | 6503.7 | 6467.2 |
| 22.5° | 6769.2 | 6729.3 | 6692.9 | 6659.7 | 6606.6 | 6573.4 | 6543.6 | 6487.2 | 6447.3 | 6404.1 | 6364.4 |
| 25° | 6583.3 | 6543.6 | 6513.7 | 6473.8 | 6450.6 | 6414.1 | 6384.2 | 6334.5 | 6298.0 | 6258.1 | 6224.9 |
| 27.5° | 6278.1 | 6254.9 | 6238.2 | 6215.0 | 6195.2 | 6178.5 | 6162.0 | 6122.1 | 6095.6 | 6059.1 | 6026.0 |
| 30° | 5820.1 | 5816.8 | 5806.9 | 5796.9 | 5810.2 | 5810.2 | 5810.2 | 5803.6 | 5780.4 | 5753.7 | 5730.5 |
| 32.5° | 5232.8 | 5239.5 | 5252.8 | 5262.7 | 5289.2 | 5319.1 | 5345.6 | 5358.9 | 5358.9 | 5342.4 | 5332.4 |
| 35° | 4532.7 | 4542.7 | 4562.6 | 4589.1 | 4622.3 | 4658.8 | 4718.5 | 4731.8 | 4741.7 | 4741.7 | 4728.4 |
| 37.5° | 3806.0 | 3802.7 | 3822.6 | 3845.8 | 3865.8 | 3892.3 | 3935.4 | 3945.4 | 3961.9 | 3955.4 | 3942.0 |
| 40° | 3099.2 | 3082.6 | 3075.9 | 3082.6 | 3105.9 | 3095.9 | 3105.9 | 3099.2 | 3099.2 | 3075.9 | 3075.9 |
| 42.5° | 2445.5 | 2425.7 | 2412.3 | 2402.5 | 2402.5 | 2379.1 | 2362.6 | 2346.1 | 2336.1 | 2319.4 | 2316.1 |
| 45° | 1884.8 | 1861.5 | 1844.9 | 1838.2 | 1828.4 | 1798.5 | 1778.6 | 1758.6 | 1735.4 | 1728.8 | 1732.1 |
| 47.5° | 1463.3 | 1440.1 | 1433.4 | 1416.9 | 1400.2 | 1383.7 | 1370.5 | 1347.2 | 1343.8 | 1330.6 | 1343.8 |
| 50° | 1128.2 | 1121.6 | 1111.6 | 1104.9 | 1095.0 | 1081.7 | 1068.5 | 1055.2 | 1048.5 | 1048.5 | 1051.8 |
| 52.5° | 876.0 | 879.3 | 869.3 | 859.4 | 852.8 | 852.8 | 836.1 | 832.9 | 832.9 | 819.6 | 832.9 |
| 55° | 670.3 | 666.9 | 670.3 | 663.6 | 663.6 | 653.7 | 653.7 | 643.7 | 643.7 | 633.7 | 640.4 |
| 57.5° | 491.1 | 497.7 | 491.1 | 494.4 | 501.1 | 491.1 | 487.7 | 477.8 | 484.5 | 477.8 | 481.2 |
| 60° | 381.6 | 381.6 | 381.6 | 378.3 | 378.3 | 374.9 | 374.9 | 371.6 | 371.6 | 364.9 | 371.6 |
| 62.5° | 282.0 | 285.3 | 285.3 | 285.3 | 288.7 | 285.3 | 282.0 | 285.3 | 282.0 | 282.0 | 285.3 |
| 65° | 185.9 | 189.2 | 189.2 | 185.9 | 192.4 | 185.9 | 189.2 | 192.4 | 195.7 | 192.4 | 195.7 |
| 67.5° | 126.1 | 126.1 | 129.5 | 132.8 | 129.5 | 132.8 | 136.0 | 132.8 | 136.0 | 142.7 | 136.0 |
| 70° | 92.9 | 96.3 | 96.3 | 92.9 | 89.6 | 92.9 | 89.6 | 99.6 | 99.6 | 99.6 | 106.1 |
| 72.5° | 59.7 | 59.7 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 66.4 | 59.7 | 56.4 | 63.1 |
| 75° | 33.2 | 36.5 | 36.5 | 26.5 | 29.9 | 36.5 | 26.5 | 29.9 | 39.9 | 33.2 | 39.9 |
| 77.5° | 19.9 | 19.9 | 19.9 | 19.9 | 19.9 | 19.9 | 26.5 | 23.2 | 23.2 | 23.2 | 26.5 |
| 80° | 16.5 | 13.2 | 13.2 | 10.0 | 13.2 | 13.2 | 13.2 | 19.9 | 16.5 | 16.5 | 19.9 |
| 82.5° | 6.7 | 6.7 | 3.3 | 0.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 13.2 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.3 | 3.3 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.7 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248979

CATALOG NUMBER: LD8B120D010 ER8B120827 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 |
| 2.5° | 6789.0 | 6789.0 | 6785.8 | 6779.2 | 6765.8 | 6765.8 | 6762.5 | 6752.6 | 6746.0 | 6742.6 | 6742.6 |
| 5° | 6755.8 | 6742.6 | 6729.3 | 6692.9 | 6692.9 | 6686.2 | 6666.4 | 6653.0 | 6646.4 | 6629.8 | 6623.2 |
| 7.5° | 6726.1 | 6686.2 | 6663.0 | 6639.7 | 6610.0 | 6596.6 | 6573.4 | 6563.4 | 6540.2 | 6523.7 | 6513.7 |
| 10° | 6653.0 | 6626.5 | 6596.6 | 6560.1 | 6536.9 | 6510.4 | 6483.8 | 6464.0 | 6434.1 | 6417.4 | 6404.1 |
| 12.5° | 6603.3 | 6563.4 | 6536.9 | 6497.0 | 6457.3 | 6434.1 | 6397.6 | 6374.4 | 6344.5 | 6311.3 | 6291.3 |
| 15° | 6556.8 | 6513.7 | 6477.2 | 6434.1 | 6390.9 | 6364.4 | 6321.2 | 6294.7 | 6251.6 | 6218.4 | 6195.2 |
| 17.5° | 6487.2 | 6450.6 | 6410.8 | 6357.7 | 6318.0 | 6284.8 | 6238.2 | 6205.1 | 6165.3 | 6122.1 | 6098.9 |
| 20° | 6414.1 | 6371.0 | 6331.2 | 6278.1 | 6238.2 | 6198.5 | 6152.0 | 6115.5 | 6069.0 | 6029.2 | 6002.7 |
| 22.5° | 6318.0 | 6268.1 | 6234.9 | 6181.8 | 6135.4 | 6092.3 | 6049.2 | 6006.0 | 5962.9 | 5929.7 | 5899.8 |
| 25° | 6178.5 | 6125.4 | 6088.9 | 6045.8 | 6002.7 | 5969.5 | 5916.4 | 5889.9 | 5846.8 | 5816.8 | 5786.9 |
| 27.5° | 5979.4 | 5939.6 | 5906.4 | 5863.3 | 5826.8 | 5800.3 | 5760.4 | 5733.9 | 5697.3 | 5670.8 | 5647.6 |
| 30° | 5687.5 | 5654.3 | 5624.4 | 5581.2 | 5554.7 | 5531.5 | 5494.9 | 5471.7 | 5445.2 | 5415.3 | 5408.7 |
| 32.5° | 5295.9 | 5269.3 | 5239.5 | 5209.6 | 5189.7 | 5176.4 | 5146.5 | 5133.3 | 5106.8 | 5090.1 | 5073.6 |
| 35° | 4705.2 | 4682.0 | 4665.5 | 4652.2 | 4645.5 | 4648.8 | 4642.2 | 4655.5 | 4662.1 | 4658.8 | 4662.1 |
| 37.5° | 3932.2 | 3918.8 | 3925.5 | 3935.4 | 3968.6 | 4011.8 | 4051.5 | 4111.2 | 4151.1 | 4191.0 | 4227.5 |
| 40° | 3069.4 | 3079.4 | 3105.9 | 3165.5 | 3251.9 | 3348.1 | 3437.7 | 3550.6 | 3663.4 | 3743.0 | 3815.9 |
| 42.5° | 2316.1 | 2346.1 | 2412.3 | 2498.6 | 2628.1 | 2770.7 | 2910.1 | 3075.9 | 3212.1 | 3344.7 | 3437.7 |
| 45° | 1742.1 | 1781.8 | 1868.2 | 1987.7 | 2130.3 | 2296.2 | 2472.1 | 2657.9 | 2820.5 | 2956.6 | 3059.4 |
| 47.5° | 1357.2 | 1393.7 | 1480.0 | 1606.1 | 1781.8 | 1954.5 | 2136.9 | 2329.4 | 2498.6 | 2631.4 | 2721.0 |
| 50° | 1071.8 | 1118.2 | 1194.5 | 1327.3 | 1503.2 | 1685.7 | 1874.8 | 2063.9 | 2223.3 | 2336.1 | 2415.7 |
| 52.5° | 842.8 | 886.0 | 958.9 | 1098.4 | 1277.6 | 1460.1 | 1635.8 | 1821.7 | 1961.0 | 2070.6 | 2123.7 |
| 55° | 653.7 | 693.6 | 769.8 | 886.0 | 1055.2 | 1234.4 | 1410.2 | 1569.6 | 1698.9 | 1778.6 | 1828.4 |
| 57.5° | 497.7 | 527.6 | 580.7 | 696.8 | 849.5 | 1015.3 | 1164.8 | 1324.0 | 1423.6 | 1480.0 | 1513.0 |
| 60° | 378.3 | 401.5 | 458.0 | 547.6 | 686.9 | 829.6 | 955.7 | 1075.2 | 1154.8 | 1201.2 | 1234.4 |
| 62.5° | 285.3 | 312.0 | 351.7 | 428.0 | 534.2 | 650.4 | 756.5 | 846.1 | 912.5 | 942.4 | 965.6 |
| 65° | 195.7 | 215.7 | 245.6 | 305.3 | 394.9 | 477.8 | 560.8 | 627.2 | 670.3 | 703.5 | 716.8 |
| 67.5° | 146.0 | 159.3 | 175.9 | 222.4 | 285.3 | 351.7 | 408.1 | 454.5 | 501.1 | 514.4 | 537.6 |
| 70° | 109.5 | 119.5 | 136.0 | 169.2 | 205.7 | 252.1 | 298.7 | 325.2 | 358.4 | 381.6 | 388.3 |
| 72.5° | 69.7 | 72.9 | 89.6 | 109.5 | 139.3 | 169.2 | 199.1 | 222.4 | 242.3 | 255.5 | 262.1 |
| 75° | 39.9 | 59.7 | 59.7 | 79.6 | 99.6 | 112.8 | 132.8 | 149.3 | 159.3 | 169.2 | 169.2 |
| 77.5° | 26.5 | 36.5 | 39.9 | 49.7 | 59.7 | 76.3 | 92.9 | 102.8 | 112.8 | 116.1 | 116.1 |
| 80° | 23.2 | 26.5 | 26.5 | 36.5 | 43.2 | 56.4 | 66.4 | 69.7 | 76.3 | 79.6 | 86.3 |
| 82.5° | 10.0 | 13.2 | 16.5 | 26.5 | 29.9 | 29.9 | 39.9 | 43.2 | 49.7 | 53.1 | 53.1 |
| 85° | 3.3 | 6.7 | 6.7 | 10.0 | 16.5 | 19.9 | 23.2 | 26.5 | 29.9 | 29.9 | 33.2 |
| 87.5° | 3.3 | 3.3 | 0.0 | 3.3 | 6.7 | 6.7 | 13.2 | 13.2 | 13.2 | 19.9 | 19.9 |
| 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: P248979

CATALOG NUMBER: LD8B120D010 ER8B120827 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 | 6795.7 |
| 2.5° | 6736.0 | 6739.3 | 6726.1 | 6722.8 | 6716.1 | 6719.4 | 6726.1 |
| 5° | 6613.2 | 6616.5 | 6603.3 | 6590.0 | 6590.0 | 6586.6 | 6590.0 |
| 7.5° | 6497.0 | 6500.4 | 6480.5 | 6473.8 | 6460.6 | 6464.0 | 6464.0 |
| 10° | 6380.9 | 6380.9 | 6351.2 | 6347.7 | 6337.8 | 6334.5 | 6334.5 |
| 12.5° | 6268.1 | 6258.1 | 6234.9 | 6221.7 | 6228.4 | 6208.4 | 6208.4 |
| 15° | 6168.5 | 6152.0 | 6122.1 | 6112.1 | 6095.6 | 6088.9 | 6088.9 |
| 17.5° | 6065.7 | 6052.4 | 6026.0 | 6006.0 | 5986.1 | 5982.8 | 5986.1 |
| 20° | 5966.1 | 5952.9 | 5919.7 | 5906.4 | 5889.9 | 5889.9 | 5883.2 |
| 22.5° | 5866.6 | 5853.3 | 5823.5 | 5813.6 | 5790.3 | 5790.3 | 5793.6 |
| 25° | 5763.7 | 5753.7 | 5720.6 | 5714.0 | 5710.7 | 5697.3 | 5704.0 |
| 27.5° | 5624.4 | 5617.7 | 5591.2 | 5581.2 | 5568.0 | 5564.7 | 5571.3 |
| 30° | 5368.9 | 5358.9 | 5339.1 | 5329.1 | 5305.9 | 5309.2 | 5315.7 |
| 32.5° | 5050.4 | 5037.1 | 5010.5 | 5000.5 | 4980.7 | 4974.0 | 4977.3 |
| 35° | 4652.2 | 4642.2 | 4619.0 | 4619.0 | 4599.1 | 4592.4 | 4599.1 |
| 37.5° | 4247.4 | 4257.2 | 4247.4 | 4257.2 | 4247.4 | 4244.0 | 4247.4 |
| 40° | 3865.8 | 3902.3 | 3908.8 | 3945.4 | 3932.2 | 3952.0 | 3948.7 |
| 42.5° | 3500.7 | 3560.4 | 3583.7 | 3613.5 | 3607.0 | 3620.2 | 3630.2 |
| 45° | 3132.3 | 3182.2 | 3205.4 | 3225.4 | 3228.6 | 3235.3 | 3238.6 |
| 47.5° | 2783.9 | 2823.8 | 2827.1 | 2850.3 | 2847.0 | 2847.0 | 2857.0 |
| 50° | 2458.9 | 2485.4 | 2491.9 | 2508.6 | 2495.3 | 2488.6 | 2491.9 |
| 52.5° | 2156.9 | 2183.4 | 2176.7 | 2183.4 | 2166.9 | 2160.2 | 2163.4 |
| 55° | 1848.2 | 1861.5 | 1861.5 | 1861.5 | 1841.7 | 1841.7 | 1841.7 |
| 57.5° | 1533.0 | 1536.4 | 1529.7 | 1533.0 | 1529.7 | 1509.8 | 1506.5 |
| 60° | 1244.4 | 1244.4 | 1241.0 | 1244.4 | 1234.4 | 1224.4 | 1224.4 |
| 62.5° | 972.2 | 978.9 | 992.1 | 978.9 | 972.2 | 978.9 | 968.9 |
| 65° | 726.7 | 740.0 | 736.6 | 743.3 | 740.0 | 740.0 | 733.3 |
| 67.5° | 547.6 | 550.8 | 554.1 | 557.5 | 557.5 | 557.5 | 557.5 |
| 70° | 401.5 | 411.5 | 408.1 | 408.1 | 408.1 | 408.1 | 428.0 |
| 72.5° | 268.8 | 282.0 | 278.8 | 285.3 | 285.3 | 292.0 | 285.3 |
| 75° | 182.5 | 195.7 | 189.2 | 199.1 | 195.7 | 189.2 | 205.7 |
| 77.5° | 122.8 | 129.5 | 132.8 | 136.0 | 132.8 | 129.5 | 132.8 |
| 80° | 86.3 | 92.9 | 89.6 | 92.9 | 92.9 | 92.9 | 96.3 |
| 82.5° | 53.1 | 63.1 | 59.7 | 63.1 | 59.7 | 63.1 | 63.1 |
| 85° | 36.5 | 39.9 | 33.2 | 39.9 | 36.5 | 36.5 | 43.2 |
| 87.5° | 23.2 | 19.9 | 19.9 | 23.2 | 19.9 | 23.2 | 19.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)