

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: P248890

Luminaire Tested: **LD8B150D010 ER8B150835 8LBSW0B**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P248890
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: LD8B150D010 ER8B150835 8LBSW0B
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT
80 CRI 3500 CCT WITH SPECULAR BLACK TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12417.0 lumens
Efficiency: N/A
Efficacy: 78.3 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

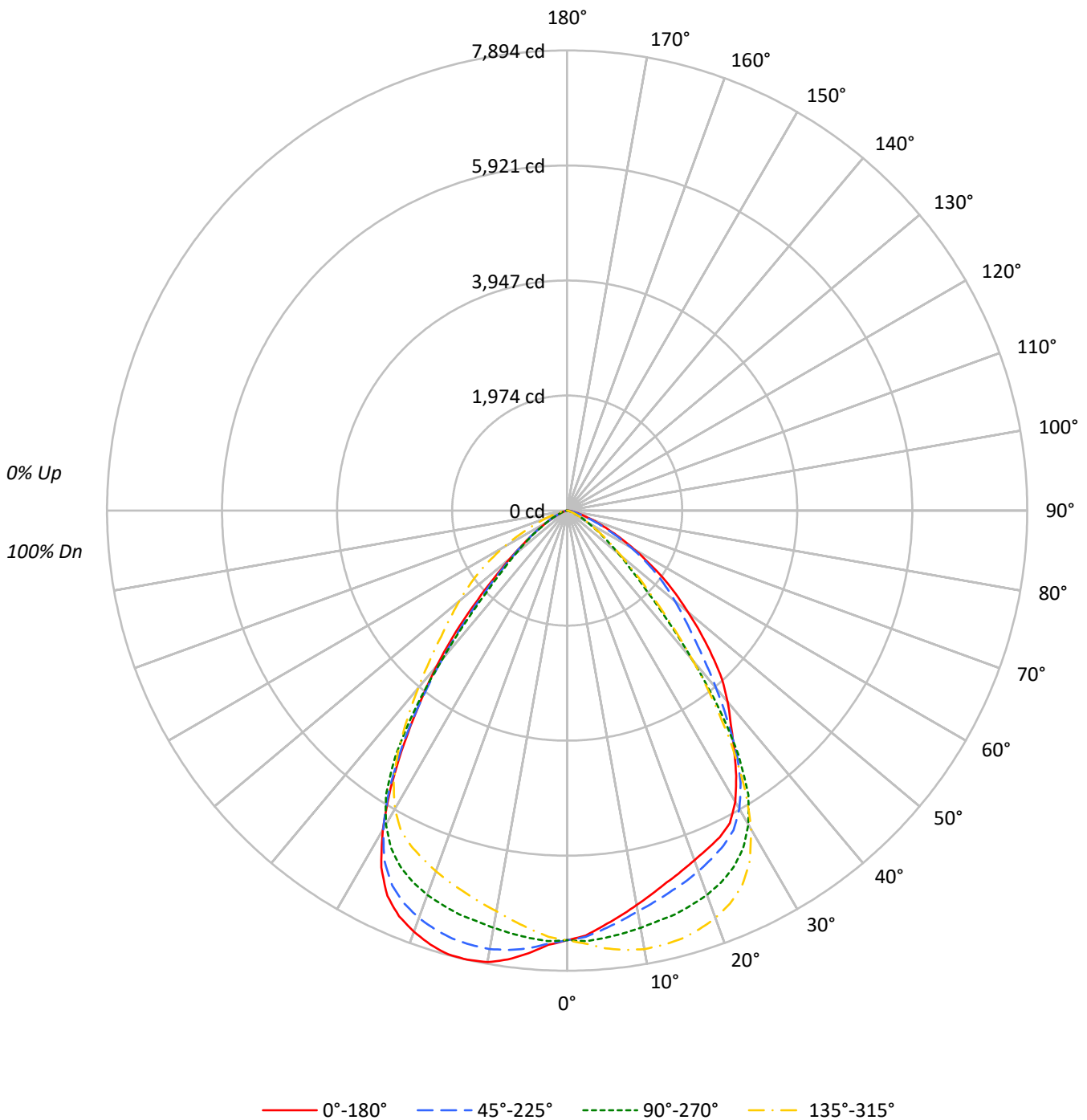
Input Watts (W): 158.5
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P248890

CATALOG NUMBER: LD8B150D010 ER8B150835 8LBSW0B

Luminous Intensity Polar Plot





TEST NUMBER: P248890

CATALOG NUMBER: LD8B150D010 ER8B150835 8LBSW0B

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° | 227313 | 227313 | 227313 | 227313 |
| 5° | 221275 | 227847 | 235982 | 227847 |
| 10° | 215154 | 227548 | 246256 | 227548 |
| 15° | 210855 | 228899 | 251648 | 228899 |
| 20° | 209421 | 230209 | 252294 | 230209 |
| 25° | 210521 | 229744 | 248240 | 229744 |
| 30° | 205315 | 221335 | 225312 | 221335 |
| 35° | 187799 | 193081 | 183192 | 193081 |
| 40° | 172420 | 134311 | 140257 | 134311 |
| 45° | 153199 | 81937 | 94806 | 81937 |
| 50° | 129675 | 54732 | 60782 | 54732 |
| 55° | 107399 | 37348 | 39477 | 37348 |
| 60° | 81914 | 24860 | 25082 | 24860 |
| 65° | 58036 | 15490 | 14184 | 15490 |
| 70° | 41861 | 10377 | 9413 | 10377 |
| 75° | 26581 | 5159 | 4289 | 5159 |
| 80° | 18539 | 3836 | 3179 | 3836 |
| 85° | 16558 | 0 | 1274 | 0 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 701.6 | 5.7 |
| 10°-20° | 2031.8 | 16.4 |
| 20°-30° | 3076.6 | 24.8 |
| 30°-40° | 3083.5 | 24.8 |
| 40°-50° | 1936.3 | 15.6 |
| 50°-60° | 1031.8 | 8.3 |
| 60°-70° | 424.3 | 3.4 |
| 70°-80° | 112.1 | 0.9 |
| 80°-90° | 19.0 | 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° | 5810.0 | 46.8 |
| 0°-40° | 8893.5 | 71.6 |
| 0°-60° | 11861.6 | 95.5 |
| 0°-90° | 12417.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 12417.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 7372 | 7372 | 7372 | 7372 | 7372 | |
| 5° | 7148 | 7361 | 7624 | 7361 | 7148 | 674 |
| 15° | 6605 | 7170 | 7883 | 7170 | 6605 | 1868 |
| 25° | 6187 | 6752 | 7296 | 6752 | 6187 | 2838 |
| 35° | 4989 | 5129 | 4866 | 5129 | 4989 | 3125 |
| 45° | 3513 | 1879 | 2174 | 1879 | 3513 | 2702 |
| 55° | 1998 | 695 | 734 | 695 | 1998 | 1781 |
| 65° | 795 | 212 | 194 | 212 | 795 | 825 |
| 75° | 223 | 43 | 36 | 43 | 223 | 253 |
| 85° | 47 | 0 | 4 | 0 | 47 | 51 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P248890

CATALOG NUMBER: LD8B150D010 ER8B150835 8LBSW0B

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 |
| 2.5° | 7296.0 | 7288.8 | 7285.2 | 7292.5 | 7296.0 | 7310.4 | 7306.8 | 7313.9 | 7313.9 | 7317.7 | 7324.8 |
| 5° | 7148.5 | 7144.8 | 7148.5 | 7148.5 | 7162.8 | 7177.2 | 7173.6 | 7184.5 | 7191.6 | 7209.6 | 7216.8 |
| 7.5° | 7011.7 | 7011.7 | 7008.0 | 7022.4 | 7029.6 | 7051.3 | 7047.6 | 7065.6 | 7076.5 | 7094.4 | 7119.6 |
| 10° | 6871.3 | 6871.3 | 6874.8 | 6885.6 | 6889.3 | 6921.6 | 6921.6 | 6946.8 | 6961.2 | 6979.3 | 7011.7 |
| 12.5° | 6734.5 | 6734.5 | 6756.1 | 6748.9 | 6763.3 | 6788.4 | 6799.3 | 6824.4 | 6846.1 | 6882.1 | 6914.5 |
| 15° | 6604.9 | 6604.9 | 6612.1 | 6630.1 | 6640.9 | 6673.3 | 6691.3 | 6720.1 | 6745.3 | 6781.3 | 6828.1 |
| 17.5° | 6493.3 | 6489.8 | 6493.3 | 6514.9 | 6536.6 | 6565.3 | 6579.7 | 6615.7 | 6640.9 | 6687.7 | 6731.0 |
| 20° | 6381.8 | 6389.0 | 6389.0 | 6406.9 | 6421.3 | 6457.3 | 6471.7 | 6511.4 | 6540.1 | 6583.2 | 6633.8 |
| 22.5° | 6284.6 | 6281.0 | 6281.0 | 6306.2 | 6317.0 | 6349.3 | 6363.7 | 6399.7 | 6432.1 | 6468.1 | 6514.9 |
| 25° | 6187.4 | 6180.1 | 6194.6 | 6198.2 | 6205.3 | 6241.3 | 6252.1 | 6277.3 | 6309.8 | 6342.2 | 6389.0 |
| 27.5° | 6043.4 | 6036.3 | 6039.8 | 6054.2 | 6065.0 | 6093.7 | 6101.0 | 6126.2 | 6151.4 | 6180.1 | 6219.8 |
| 30° | 5766.2 | 5759.1 | 5755.5 | 5780.7 | 5791.5 | 5813.0 | 5823.8 | 5867.1 | 5874.2 | 5906.6 | 5935.4 |
| 32.5° | 5399.0 | 5395.5 | 5402.8 | 5424.2 | 5435.1 | 5463.9 | 5478.3 | 5503.5 | 5521.4 | 5539.5 | 5568.2 |
| 35° | 4988.8 | 4981.5 | 4988.8 | 5010.4 | 5010.4 | 5035.6 | 5046.4 | 5057.1 | 5053.6 | 5057.1 | 5050.0 |
| 37.5° | 4607.3 | 4603.6 | 4607.3 | 4618.0 | 4607.3 | 4618.0 | 4607.3 | 4585.7 | 4546.1 | 4502.9 | 4459.6 |
| 40° | 4283.3 | 4286.9 | 4265.4 | 4279.7 | 4240.0 | 4232.9 | 4193.4 | 4139.3 | 4060.2 | 3973.8 | 3851.4 |
| 42.5° | 3937.8 | 3927.0 | 3912.6 | 3919.7 | 3887.4 | 3862.1 | 3797.4 | 3729.1 | 3628.2 | 3484.3 | 3336.6 |
| 45° | 3513.0 | 3509.5 | 3502.2 | 3498.7 | 3477.0 | 3451.9 | 3397.8 | 3318.7 | 3207.1 | 3059.5 | 2883.1 |
| 47.5° | 3099.1 | 3088.3 | 3088.3 | 3091.8 | 3066.7 | 3063.1 | 3019.8 | 2951.5 | 2854.3 | 2710.3 | 2526.8 |
| 50° | 2703.1 | 2699.5 | 2706.8 | 2721.2 | 2703.1 | 2696.0 | 2667.2 | 2620.4 | 2534.0 | 2411.7 | 2238.8 |
| 52.5° | 2346.8 | 2343.2 | 2350.5 | 2368.4 | 2361.1 | 2368.4 | 2339.7 | 2303.7 | 2246.0 | 2127.2 | 1976.1 |
| 55° | 1997.7 | 1997.7 | 1997.7 | 2019.2 | 2019.2 | 2019.2 | 2004.8 | 1983.3 | 1929.3 | 1842.9 | 1702.6 |
| 57.5° | 1634.1 | 1637.7 | 1659.3 | 1662.9 | 1659.3 | 1666.6 | 1662.9 | 1641.3 | 1605.4 | 1544.2 | 1436.2 |
| 60° | 1328.2 | 1328.2 | 1339.0 | 1349.8 | 1346.1 | 1349.8 | 1349.8 | 1339.0 | 1303.0 | 1252.6 | 1166.3 |
| 62.5° | 1051.0 | 1061.8 | 1054.6 | 1061.8 | 1076.2 | 1061.8 | 1054.6 | 1047.5 | 1022.3 | 989.8 | 917.8 |
| 65° | 795.4 | 802.7 | 802.7 | 806.3 | 799.0 | 802.7 | 788.3 | 777.5 | 763.1 | 727.1 | 680.3 |
| 67.5° | 604.8 | 604.8 | 604.8 | 604.8 | 601.1 | 597.5 | 594.0 | 583.1 | 558.0 | 543.6 | 493.1 |
| 70° | 464.3 | 442.7 | 442.7 | 442.7 | 442.7 | 446.4 | 435.6 | 421.2 | 413.9 | 388.8 | 352.8 |
| 72.5° | 309.5 | 316.8 | 309.5 | 309.5 | 302.4 | 305.9 | 291.6 | 284.3 | 277.2 | 262.8 | 241.2 |
| 75° | 223.1 | 205.2 | 212.3 | 216.0 | 205.2 | 212.3 | 197.9 | 183.6 | 183.6 | 172.7 | 161.9 |
| 77.5° | 144.0 | 140.5 | 144.0 | 147.6 | 144.0 | 140.5 | 133.2 | 125.9 | 125.9 | 122.4 | 111.6 |
| 80° | 104.4 | 100.7 | 100.7 | 100.7 | 97.2 | 100.7 | 93.6 | 93.6 | 86.4 | 82.8 | 75.6 |
| 82.5° | 68.4 | 68.4 | 64.7 | 68.4 | 64.7 | 68.4 | 57.6 | 57.6 | 57.6 | 53.9 | 46.8 |
| 85° | 46.8 | 39.6 | 39.6 | 43.3 | 36.0 | 43.3 | 39.6 | 36.0 | 32.4 | 32.4 | 28.7 |
| 87.5° | 21.6 | 25.2 | 21.6 | 25.2 | 21.6 | 21.6 | 25.2 | 21.6 | 21.6 | 14.4 | 14.4 |
| 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: P248890

CATALOG NUMBER: LD8B150D010 ER8B150835 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 |
| 2.5° | 7335.6 | 7339.1 | 7339.1 | 7353.7 | 7360.8 | 7364.3 | 7364.3 | 7393.2 | 7382.4 | 7389.7 | 7396.8 |
| 5° | 7231.3 | 7252.8 | 7260.0 | 7260.0 | 7299.6 | 7313.9 | 7328.3 | 7360.8 | 7364.3 | 7386.0 | 7411.1 |
| 7.5° | 7130.4 | 7155.6 | 7170.1 | 7202.4 | 7227.6 | 7252.8 | 7296.0 | 7317.7 | 7339.1 | 7368.0 | 7400.3 |
| 10° | 7033.2 | 7062.1 | 7090.8 | 7116.0 | 7155.6 | 7188.0 | 7216.8 | 7267.1 | 7292.5 | 7332.0 | 7375.1 |
| 12.5° | 6939.7 | 6979.3 | 7004.5 | 7047.6 | 7090.8 | 7119.6 | 7162.8 | 7209.6 | 7249.2 | 7288.8 | 7339.1 |
| 15° | 6856.9 | 6903.7 | 6932.4 | 6979.3 | 7026.1 | 7065.6 | 7112.5 | 7170.1 | 7198.8 | 7245.6 | 7292.5 |
| 17.5° | 6766.8 | 6817.3 | 6853.3 | 6896.4 | 6954.1 | 6997.2 | 7036.9 | 7094.4 | 7130.4 | 7180.8 | 7234.8 |
| 20° | 6673.3 | 6723.7 | 6766.8 | 6810.1 | 6867.7 | 6910.8 | 6957.6 | 7015.3 | 7054.8 | 7105.2 | 7148.5 |
| 22.5° | 6561.8 | 6608.6 | 6655.3 | 6705.6 | 6763.3 | 6799.3 | 6853.3 | 6903.7 | 6946.8 | 6993.6 | 7036.9 |
| 25° | 6417.8 | 6475.4 | 6511.4 | 6558.1 | 6604.9 | 6644.4 | 6702.1 | 6752.4 | 6788.4 | 6831.7 | 6871.3 |
| 27.5° | 6248.6 | 6291.8 | 6320.6 | 6360.1 | 6406.9 | 6442.9 | 6486.1 | 6536.6 | 6572.6 | 6612.1 | 6640.9 |
| 30° | 5960.6 | 6000.3 | 6025.4 | 6054.2 | 6101.0 | 6133.5 | 6169.5 | 6216.1 | 6241.3 | 6270.2 | 6295.4 |
| 32.5° | 5582.6 | 5615.1 | 5629.4 | 5651.1 | 5683.5 | 5715.8 | 5744.7 | 5784.3 | 5795.1 | 5813.0 | 5813.0 |
| 35° | 5035.6 | 5042.7 | 5039.2 | 5046.4 | 5060.8 | 5078.7 | 5103.9 | 5129.1 | 5143.5 | 5143.5 | 5132.8 |
| 37.5° | 4394.9 | 4351.7 | 4304.9 | 4268.9 | 4258.1 | 4250.9 | 4265.4 | 4276.0 | 4290.6 | 4297.7 | 4279.7 |
| 40° | 3729.1 | 3631.9 | 3527.4 | 3433.8 | 3369.0 | 3340.3 | 3329.5 | 3336.6 | 3336.6 | 3361.8 | 3361.8 |
| 42.5° | 3156.7 | 3005.5 | 2850.8 | 2710.3 | 2616.7 | 2544.9 | 2512.4 | 2512.4 | 2516.0 | 2534.0 | 2544.9 |
| 45° | 2681.6 | 2490.8 | 2310.8 | 2156.1 | 2026.5 | 1932.8 | 1889.7 | 1878.9 | 1875.3 | 1882.5 | 1907.6 |
| 47.5° | 2318.0 | 2120.1 | 1932.8 | 1742.1 | 1605.4 | 1511.8 | 1472.2 | 1457.7 | 1443.3 | 1457.7 | 1461.4 |
| 50° | 2033.7 | 1828.5 | 1630.6 | 1439.8 | 1295.8 | 1212.9 | 1162.6 | 1140.9 | 1137.4 | 1137.4 | 1144.6 |
| 52.5° | 1774.4 | 1583.8 | 1385.8 | 1191.5 | 1040.2 | 961.1 | 914.3 | 903.4 | 889.1 | 903.4 | 903.4 |
| 55° | 1529.7 | 1339.0 | 1144.6 | 961.1 | 835.0 | 752.3 | 709.1 | 694.7 | 687.4 | 698.3 | 698.3 |
| 57.5° | 1263.5 | 1101.4 | 921.5 | 755.9 | 630.0 | 572.3 | 539.9 | 521.9 | 518.2 | 525.5 | 518.2 |
| 60° | 1036.6 | 899.9 | 745.1 | 594.0 | 496.8 | 435.6 | 410.4 | 403.1 | 395.9 | 403.1 | 403.1 |
| 62.5° | 820.6 | 705.5 | 579.4 | 464.3 | 381.5 | 338.4 | 309.5 | 309.5 | 305.9 | 305.9 | 309.5 |
| 65° | 608.3 | 518.2 | 428.3 | 331.1 | 266.4 | 233.9 | 212.3 | 212.3 | 208.7 | 212.3 | 208.7 |
| 67.5° | 442.7 | 381.5 | 309.5 | 241.2 | 190.8 | 172.7 | 158.4 | 147.6 | 154.8 | 147.6 | 144.0 |
| 70° | 324.0 | 273.5 | 223.1 | 183.6 | 147.6 | 129.6 | 118.8 | 115.1 | 108.0 | 108.0 | 108.0 |
| 72.5° | 216.0 | 183.6 | 151.1 | 118.8 | 97.2 | 79.1 | 75.6 | 68.4 | 61.2 | 64.7 | 72.0 |
| 75° | 144.0 | 122.4 | 108.0 | 86.4 | 64.7 | 64.7 | 43.3 | 43.3 | 36.0 | 43.3 | 32.4 |
| 77.5° | 100.7 | 82.8 | 64.7 | 53.9 | 43.3 | 39.6 | 28.7 | 28.7 | 25.2 | 25.2 | 25.2 |
| 80° | 72.0 | 61.2 | 46.8 | 39.6 | 28.7 | 28.7 | 25.2 | 21.6 | 17.9 | 17.9 | 21.6 |
| 82.5° | 43.3 | 32.4 | 32.4 | 28.7 | 17.9 | 14.4 | 10.8 | 14.4 | 7.3 | 7.3 | 7.3 |
| 85° | 25.2 | 21.6 | 17.9 | 10.8 | 7.3 | 7.3 | 3.6 | 0.0 | 3.6 | 3.6 | 0.0 |
| 87.5° | 14.4 | 7.3 | 7.3 | 3.6 | 0.0 | 3.6 | 3.6 | 0.0 | 0.0 | 0.0 | 7.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248890

CATALOG NUMBER: LD8B150D010 ER8B150835 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 |
| 2.5° | 7414.8 | 7411.1 | 7418.4 | 7418.4 | 7440.0 | 7436.3 | 7447.1 | 7447.1 | 7440.0 | 7443.6 | 7458.0 |
| 5° | 7440.0 | 7450.8 | 7472.3 | 7490.4 | 7522.7 | 7537.2 | 7555.1 | 7573.2 | 7576.8 | 7587.6 | 7598.4 |
| 7.5° | 7440.0 | 7476.0 | 7501.2 | 7533.5 | 7576.8 | 7602.0 | 7641.5 | 7674.0 | 7688.3 | 7706.3 | 7727.9 |
| 10° | 7425.5 | 7461.5 | 7508.3 | 7544.3 | 7598.4 | 7638.0 | 7677.5 | 7727.9 | 7749.5 | 7778.3 | 7807.2 |
| 12.5° | 7396.8 | 7436.3 | 7486.7 | 7533.5 | 7594.7 | 7630.7 | 7681.1 | 7727.9 | 7760.3 | 7799.9 | 7832.3 |
| 15° | 7353.7 | 7400.3 | 7447.1 | 7494.0 | 7558.7 | 7602.0 | 7648.8 | 7702.7 | 7735.2 | 7778.3 | 7807.2 |
| 17.5° | 7285.2 | 7335.6 | 7378.8 | 7422.0 | 7483.1 | 7533.5 | 7576.8 | 7627.1 | 7659.6 | 7695.6 | 7735.2 |
| 20° | 7202.4 | 7249.2 | 7296.0 | 7332.0 | 7393.2 | 7436.3 | 7483.1 | 7530.0 | 7555.1 | 7562.4 | 7623.6 |
| 22.5° | 7098.1 | 7130.4 | 7166.4 | 7224.0 | 7260.0 | 7299.6 | 7342.8 | 7386.0 | 7411.1 | 7450.8 | 7472.3 |
| 25° | 6925.2 | 6957.6 | 6997.2 | 7022.4 | 7065.6 | 7098.1 | 7141.2 | 7188.0 | 7202.4 | 7231.3 | 7252.8 |
| 27.5° | 6684.1 | 6702.1 | 6720.1 | 6741.6 | 6766.8 | 6784.9 | 6810.1 | 6831.7 | 6846.1 | 6860.4 | 6874.8 |
| 30° | 6302.5 | 6302.5 | 6302.5 | 6288.1 | 6298.9 | 6309.8 | 6313.3 | 6309.8 | 6309.8 | 6306.2 | 6306.2 |
| 32.5° | 5798.6 | 5769.9 | 5737.4 | 5708.7 | 5697.9 | 5683.5 | 5676.2 | 5665.4 | 5647.5 | 5636.7 | 5640.2 |
| 35° | 5118.3 | 5053.6 | 5014.0 | 4978.0 | 4949.3 | 4927.6 | 4916.8 | 4906.0 | 4902.4 | 4888.1 | 4873.5 |
| 37.5° | 4268.9 | 4222.1 | 4193.4 | 4171.7 | 4146.6 | 4124.9 | 4128.5 | 4132.2 | 4142.8 | 4135.7 | 4139.3 |
| 40° | 3369.0 | 3358.2 | 3369.0 | 3343.8 | 3336.6 | 3343.8 | 3361.8 | 3387.1 | 3401.5 | 3415.9 | 3441.0 |
| 42.5° | 2562.8 | 2580.7 | 2606.0 | 2606.0 | 2616.7 | 2631.2 | 2652.7 | 2692.4 | 2713.9 | 2739.1 | 2768.0 |
| 45° | 1929.3 | 1950.9 | 1983.3 | 1994.0 | 2001.3 | 2019.2 | 2044.5 | 2076.8 | 2091.2 | 2112.8 | 2138.0 |
| 47.5° | 1486.6 | 1501.0 | 1518.9 | 1537.0 | 1554.9 | 1562.1 | 1587.3 | 1587.3 | 1605.4 | 1619.8 | 1626.9 |
| 50° | 1159.0 | 1173.4 | 1187.8 | 1198.6 | 1205.8 | 1216.6 | 1223.8 | 1234.6 | 1238.1 | 1245.4 | 1248.9 |
| 52.5° | 907.0 | 925.1 | 925.1 | 932.2 | 943.0 | 953.8 | 950.3 | 953.8 | 957.4 | 957.4 | 968.2 |
| 55° | 709.1 | 709.1 | 719.9 | 719.9 | 727.1 | 723.4 | 727.1 | 727.1 | 727.1 | 727.1 | 730.7 |
| 57.5° | 529.1 | 532.8 | 543.6 | 536.3 | 532.8 | 539.9 | 532.8 | 539.9 | 536.3 | 543.6 | 532.8 |
| 60° | 406.7 | 406.7 | 410.4 | 410.4 | 413.9 | 413.9 | 413.9 | 410.4 | 410.4 | 406.7 | 406.7 |
| 62.5° | 305.9 | 309.5 | 313.2 | 309.5 | 309.5 | 309.5 | 305.9 | 305.9 | 302.4 | 298.7 | 298.7 |
| 65° | 205.2 | 201.6 | 208.7 | 201.6 | 205.2 | 205.2 | 201.6 | 205.2 | 194.4 | 197.9 | 194.4 |
| 67.5° | 147.6 | 144.0 | 140.5 | 144.0 | 140.5 | 136.7 | 136.7 | 140.5 | 144.0 | 133.2 | 133.2 |
| 70° | 97.2 | 100.7 | 97.2 | 100.7 | 104.4 | 104.4 | 100.7 | 97.2 | 100.7 | 93.6 | 97.2 |
| 72.5° | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 64.7 | 64.7 | 64.7 | 57.6 | 57.6 | 53.9 |
| 75° | 28.7 | 39.6 | 32.4 | 28.7 | 39.6 | 39.6 | 36.0 | 36.0 | 32.4 | 32.4 | 32.4 |
| 77.5° | 28.7 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | 17.9 | 21.6 | 17.9 |
| 80° | 14.4 | 14.4 | 14.4 | 10.8 | 14.4 | 14.4 | 17.9 | 14.4 | 14.4 | 10.8 | 17.9 |
| 82.5° | 7.3 | 7.3 | 7.3 | 0.0 | 3.6 | 7.3 | 7.3 | 3.6 | 7.3 | 7.3 | 3.6 |
| 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: P248890

CATALOG NUMBER: LD8B150D010 ER8B150835 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 |
| 2.5° | 7454.4 | 7450.8 | 7454.4 | 7458.0 | 7454.4 | 7450.8 | 7454.4 | 7458.0 | 7443.6 | 7440.0 | 7447.1 |
| 5° | 7612.8 | 7612.8 | 7619.9 | 7623.6 | 7619.9 | 7612.8 | 7612.8 | 7598.4 | 7587.6 | 7576.8 | 7573.2 |
| 7.5° | 7749.5 | 7756.8 | 7763.9 | 7767.4 | 7763.9 | 7756.8 | 7749.5 | 7727.9 | 7706.3 | 7688.3 | 7674.0 |
| 10° | 7832.3 | 7843.2 | 7857.5 | 7864.6 | 7857.5 | 7843.2 | 7832.3 | 7807.2 | 7778.3 | 7749.5 | 7727.9 |
| 12.5° | 7868.3 | 7879.2 | 7897.1 | 7893.5 | 7897.1 | 7879.2 | 7868.3 | 7832.3 | 7799.9 | 7760.3 | 7727.9 |
| 15° | 7843.2 | 7857.5 | 7875.5 | 7882.7 | 7875.5 | 7857.5 | 7843.2 | 7807.2 | 7778.3 | 7735.2 | 7702.7 |
| 17.5° | 7763.9 | 7785.5 | 7796.3 | 7807.2 | 7796.3 | 7785.5 | 7763.9 | 7735.2 | 7695.6 | 7659.6 | 7627.1 |
| 20° | 7655.9 | 7670.4 | 7684.8 | 7688.3 | 7684.8 | 7670.4 | 7655.9 | 7623.6 | 7562.4 | 7555.1 | 7530.0 |
| 22.5° | 7501.2 | 7512.0 | 7544.3 | 7533.5 | 7544.3 | 7512.0 | 7501.2 | 7472.3 | 7450.8 | 7411.1 | 7386.0 |
| 25° | 7277.9 | 7288.8 | 7292.5 | 7296.0 | 7292.5 | 7288.8 | 7277.9 | 7252.8 | 7231.3 | 7202.4 | 7188.0 |
| 27.5° | 6892.9 | 6892.9 | 6900.0 | 6903.7 | 6900.0 | 6892.9 | 6892.9 | 6874.8 | 6860.4 | 6846.1 | 6831.7 |
| 30° | 6309.8 | 6309.8 | 6309.8 | 6327.8 | 6309.8 | 6309.8 | 6309.8 | 6306.2 | 6306.2 | 6309.8 | 6309.8 |
| 32.5° | 5636.7 | 5629.4 | 5622.3 | 5629.4 | 5622.3 | 5629.4 | 5636.7 | 5640.2 | 5636.7 | 5647.5 | 5665.4 |
| 35° | 4873.5 | 4870.0 | 4880.8 | 4866.4 | 4880.8 | 4870.0 | 4873.5 | 4873.5 | 4888.1 | 4902.4 | 4906.0 |
| 37.5° | 4142.8 | 4135.7 | 4150.1 | 4135.7 | 4150.1 | 4135.7 | 4142.8 | 4139.3 | 4135.7 | 4142.8 | 4132.2 |
| 40° | 3448.3 | 3455.4 | 3455.4 | 3484.3 | 3455.4 | 3455.4 | 3448.3 | 3441.0 | 3415.9 | 3401.5 | 3387.1 |
| 42.5° | 2782.3 | 2804.0 | 2796.7 | 2818.3 | 2796.7 | 2804.0 | 2782.3 | 2768.0 | 2739.1 | 2713.9 | 2692.4 |
| 45° | 2152.4 | 2166.9 | 2166.9 | 2174.0 | 2166.9 | 2166.9 | 2152.4 | 2138.0 | 2112.8 | 2091.2 | 2076.8 |
| 47.5° | 1652.1 | 1652.1 | 1652.1 | 1655.8 | 1652.1 | 1652.1 | 1652.1 | 1626.9 | 1619.8 | 1605.4 | 1587.3 |
| 50° | 1256.2 | 1259.8 | 1263.5 | 1267.0 | 1263.5 | 1259.8 | 1256.2 | 1248.9 | 1245.4 | 1238.1 | 1234.6 |
| 52.5° | 964.6 | 968.2 | 961.1 | 968.2 | 961.1 | 968.2 | 964.6 | 968.2 | 957.4 | 957.4 | 953.8 |
| 55° | 730.7 | 727.1 | 730.7 | 734.3 | 730.7 | 727.1 | 730.7 | 730.7 | 727.1 | 727.1 | 727.1 |
| 57.5° | 536.3 | 529.1 | 529.1 | 529.1 | 529.1 | 529.1 | 536.3 | 532.8 | 543.6 | 536.3 | 539.9 |
| 60° | 399.6 | 403.1 | 403.1 | 406.7 | 403.1 | 403.1 | 399.6 | 406.7 | 406.7 | 410.4 | 410.4 |
| 62.5° | 295.1 | 305.9 | 298.7 | 305.9 | 298.7 | 305.9 | 295.1 | 298.7 | 298.7 | 302.4 | 305.9 |
| 65° | 190.8 | 190.8 | 190.8 | 194.4 | 190.8 | 190.8 | 190.8 | 194.4 | 197.9 | 194.4 | 205.2 |
| 67.5° | 129.6 | 133.2 | 140.5 | 136.7 | 140.5 | 133.2 | 129.6 | 133.2 | 133.2 | 144.0 | 140.5 |
| 70° | 104.4 | 93.6 | 93.6 | 104.4 | 93.6 | 93.6 | 104.4 | 97.2 | 93.6 | 100.7 | 97.2 |
| 72.5° | 61.2 | 53.9 | 61.2 | 61.2 | 61.2 | 53.9 | 61.2 | 53.9 | 57.6 | 57.6 | 64.7 |
| 75° | 32.4 | 28.7 | 25.2 | 36.0 | 25.2 | 28.7 | 32.4 | 32.4 | 32.4 | 32.4 | 36.0 |
| 77.5° | 21.6 | 17.9 | 25.2 | 25.2 | 25.2 | 17.9 | 21.6 | 17.9 | 21.6 | 17.9 | 21.6 |
| 80° | 10.8 | 14.4 | 10.8 | 17.9 | 10.8 | 14.4 | 10.8 | 17.9 | 10.8 | 14.4 | 14.4 |
| 82.5° | 3.6 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 3.6 | 3.6 | 7.3 | 7.3 | 3.6 |
| 85° | 0.0 | 7.3 | 3.6 | 3.6 | 3.6 | 7.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 3.6 | 0.0 | 0.0 | 3.6 | 0.0 | 0.0 | 3.6 | 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: P248890

CATALOG NUMBER: LD8B150D010 ER8B150835 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 |
| 2.5° | 7447.1 | 7436.3 | 7440.0 | 7418.4 | 7418.4 | 7411.1 | 7414.8 | 7396.8 | 7389.7 | 7382.4 | 7393.2 |
| 5° | 7555.1 | 7537.2 | 7522.7 | 7490.4 | 7472.3 | 7450.8 | 7440.0 | 7411.1 | 7386.0 | 7364.3 | 7360.8 |
| 7.5° | 7641.5 | 7602.0 | 7576.8 | 7533.5 | 7501.2 | 7476.0 | 7440.0 | 7400.3 | 7368.0 | 7339.1 | 7317.7 |
| 10° | 7677.5 | 7638.0 | 7598.4 | 7544.3 | 7508.3 | 7461.5 | 7425.5 | 7375.1 | 7332.0 | 7292.5 | 7267.1 |
| 12.5° | 7681.1 | 7630.7 | 7594.7 | 7533.5 | 7486.7 | 7436.3 | 7396.8 | 7339.1 | 7288.8 | 7249.2 | 7209.6 |
| 15° | 7648.8 | 7602.0 | 7558.7 | 7494.0 | 7447.1 | 7400.3 | 7353.7 | 7292.5 | 7245.6 | 7198.8 | 7170.1 |
| 17.5° | 7576.8 | 7533.5 | 7483.1 | 7422.0 | 7378.8 | 7335.6 | 7285.2 | 7234.8 | 7180.8 | 7130.4 | 7094.4 |
| 20° | 7483.1 | 7436.3 | 7393.2 | 7332.0 | 7296.0 | 7249.2 | 7202.4 | 7148.5 | 7105.2 | 7054.8 | 7015.3 |
| 22.5° | 7342.8 | 7299.6 | 7260.0 | 7224.0 | 7166.4 | 7130.4 | 7098.1 | 7036.9 | 6993.6 | 6946.8 | 6903.7 |
| 25° | 7141.2 | 7098.1 | 7065.6 | 7022.4 | 6997.2 | 6957.6 | 6925.2 | 6871.3 | 6831.7 | 6788.4 | 6752.4 |
| 27.5° | 6810.1 | 6784.9 | 6766.8 | 6741.6 | 6720.1 | 6702.1 | 6684.1 | 6640.9 | 6612.1 | 6572.6 | 6536.6 |
| 30° | 6313.3 | 6309.8 | 6298.9 | 6288.1 | 6302.5 | 6302.5 | 6302.5 | 6295.4 | 6270.2 | 6241.3 | 6216.1 |
| 32.5° | 5676.2 | 5683.5 | 5697.9 | 5708.7 | 5737.4 | 5769.9 | 5798.6 | 5813.0 | 5813.0 | 5795.1 | 5784.3 |
| 35° | 4916.8 | 4927.6 | 4949.3 | 4978.0 | 5014.0 | 5053.6 | 5118.3 | 5132.8 | 5143.5 | 5143.5 | 5129.1 |
| 37.5° | 4128.5 | 4124.9 | 4146.6 | 4171.7 | 4193.4 | 4222.1 | 4268.9 | 4279.7 | 4297.7 | 4290.6 | 4276.0 |
| 40° | 3361.8 | 3343.8 | 3336.6 | 3343.8 | 3369.0 | 3358.2 | 3369.0 | 3361.8 | 3361.8 | 3336.6 | 3336.6 |
| 42.5° | 2652.7 | 2631.2 | 2616.7 | 2606.0 | 2606.0 | 2580.7 | 2562.8 | 2544.9 | 2534.0 | 2516.0 | 2512.4 |
| 45° | 2044.5 | 2019.2 | 2001.3 | 1994.0 | 1983.3 | 1950.9 | 1929.3 | 1907.6 | 1882.5 | 1875.3 | 1878.9 |
| 47.5° | 1587.3 | 1562.1 | 1554.9 | 1537.0 | 1518.9 | 1501.0 | 1486.6 | 1461.4 | 1457.7 | 1443.3 | 1457.7 |
| 50° | 1223.8 | 1216.6 | 1205.8 | 1198.6 | 1187.8 | 1173.4 | 1159.0 | 1144.6 | 1137.4 | 1137.4 | 1140.9 |
| 52.5° | 950.3 | 953.8 | 943.0 | 932.2 | 925.1 | 925.1 | 907.0 | 903.4 | 903.4 | 889.1 | 903.4 |
| 55° | 727.1 | 723.4 | 727.1 | 719.9 | 719.9 | 709.1 | 709.1 | 698.3 | 698.3 | 687.4 | 694.7 |
| 57.5° | 532.8 | 539.9 | 532.8 | 536.3 | 543.6 | 532.8 | 529.1 | 518.2 | 525.5 | 518.2 | 521.9 |
| 60° | 413.9 | 413.9 | 413.9 | 410.4 | 410.4 | 406.7 | 406.7 | 403.1 | 403.1 | 395.9 | 403.1 |
| 62.5° | 305.9 | 309.5 | 309.5 | 309.5 | 313.2 | 309.5 | 305.9 | 309.5 | 309.5 | 305.9 | 309.5 |
| 65° | 201.6 | 205.2 | 205.2 | 201.6 | 208.7 | 201.6 | 205.2 | 208.7 | 212.3 | 208.7 | 212.3 |
| 67.5° | 136.7 | 136.7 | 140.5 | 144.0 | 140.5 | 144.0 | 147.6 | 144.0 | 147.6 | 154.8 | 147.6 |
| 70° | 100.7 | 104.4 | 104.4 | 100.7 | 97.2 | 100.7 | 97.2 | 108.0 | 108.0 | 108.0 | 115.1 |
| 72.5° | 64.7 | 64.7 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 72.0 | 64.7 | 61.2 | 68.4 |
| 75° | 36.0 | 39.6 | 39.6 | 28.7 | 32.4 | 39.6 | 28.7 | 32.4 | 43.3 | 36.0 | 43.3 |
| 77.5° | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | 28.7 | 25.2 | 25.2 | 25.2 | 28.7 |
| 80° | 17.9 | 14.4 | 14.4 | 10.8 | 14.4 | 14.4 | 14.4 | 21.6 | 17.9 | 17.9 | 21.6 |
| 82.5° | 7.3 | 7.3 | 3.6 | 0.0 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 14.4 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.6 | 3.6 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.3 | 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: P248890

CATALOG NUMBER: LD8B150D010 ER8B150835 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 |
| 2.5° | 7364.3 | 7364.3 | 7360.8 | 7353.7 | 7339.1 | 7339.1 | 7335.6 | 7324.8 | 7317.7 | 7313.9 | 7313.9 |
| 5° | 7328.3 | 7313.9 | 7299.6 | 7260.0 | 7260.0 | 7252.8 | 7231.3 | 7216.8 | 7209.6 | 7191.6 | 7184.5 |
| 7.5° | 7296.0 | 7252.8 | 7227.6 | 7202.4 | 7170.1 | 7155.6 | 7130.4 | 7119.6 | 7094.4 | 7076.5 | 7065.6 |
| 10° | 7216.8 | 7188.0 | 7155.6 | 7116.0 | 7090.8 | 7062.1 | 7033.2 | 7011.7 | 6979.3 | 6961.2 | 6946.8 |
| 12.5° | 7162.8 | 7119.6 | 7090.8 | 7047.6 | 7004.5 | 6979.3 | 6939.7 | 6914.5 | 6882.1 | 6846.1 | 6824.4 |
| 15° | 7112.5 | 7065.6 | 7026.1 | 6979.3 | 6932.4 | 6903.7 | 6856.9 | 6828.1 | 6781.3 | 6745.3 | 6720.1 |
| 17.5° | 7036.9 | 6997.2 | 6954.1 | 6896.4 | 6853.3 | 6817.3 | 6766.8 | 6731.0 | 6687.7 | 6640.9 | 6615.7 |
| 20° | 6957.6 | 6910.8 | 6867.7 | 6810.1 | 6766.8 | 6723.7 | 6673.3 | 6633.8 | 6583.2 | 6540.1 | 6511.4 |
| 22.5° | 6853.3 | 6799.3 | 6763.3 | 6705.6 | 6655.3 | 6608.6 | 6561.8 | 6514.9 | 6468.1 | 6432.1 | 6399.7 |
| 25° | 6702.1 | 6644.4 | 6604.9 | 6558.1 | 6511.4 | 6475.4 | 6417.8 | 6389.0 | 6342.2 | 6309.8 | 6277.3 |
| 27.5° | 6486.1 | 6442.9 | 6406.9 | 6360.1 | 6320.6 | 6291.8 | 6248.6 | 6219.8 | 6180.1 | 6151.4 | 6126.2 |
| 30° | 6169.5 | 6133.5 | 6101.0 | 6054.2 | 6025.4 | 6000.3 | 5960.6 | 5935.4 | 5906.6 | 5874.2 | 5867.1 |
| 32.5° | 5744.7 | 5715.8 | 5683.5 | 5651.1 | 5629.4 | 5615.1 | 5582.6 | 5568.2 | 5539.5 | 5521.4 | 5503.5 |
| 35° | 5103.9 | 5078.7 | 5060.8 | 5046.4 | 5039.2 | 5042.7 | 5035.6 | 5050.0 | 5057.1 | 5053.6 | 5057.1 |
| 37.5° | 4265.4 | 4250.9 | 4258.1 | 4268.9 | 4304.9 | 4351.7 | 4394.9 | 4459.6 | 4502.9 | 4546.1 | 4585.7 |
| 40° | 3329.5 | 3340.3 | 3369.0 | 3433.8 | 3527.4 | 3631.9 | 3729.1 | 3851.4 | 3973.8 | 4060.2 | 4139.3 |
| 42.5° | 2512.4 | 2544.9 | 2616.7 | 2710.3 | 2850.8 | 3005.5 | 3156.7 | 3336.6 | 3484.3 | 3628.2 | 3729.1 |
| 45° | 1889.7 | 1932.8 | 2026.5 | 2156.1 | 2310.8 | 2490.8 | 2681.6 | 2883.1 | 3059.5 | 3207.1 | 3318.7 |
| 47.5° | 1472.2 | 1511.8 | 1605.4 | 1742.1 | 1932.8 | 2120.1 | 2318.0 | 2526.8 | 2710.3 | 2854.3 | 2951.5 |
| 50° | 1162.6 | 1212.9 | 1295.8 | 1439.8 | 1630.6 | 1828.5 | 2033.7 | 2238.8 | 2411.7 | 2534.0 | 2620.4 |
| 52.5° | 914.3 | 961.1 | 1040.2 | 1191.5 | 1385.8 | 1583.8 | 1774.4 | 1976.1 | 2127.2 | 2246.0 | 2303.7 |
| 55° | 709.1 | 752.3 | 835.0 | 961.1 | 1144.6 | 1339.0 | 1529.7 | 1702.6 | 1842.9 | 1929.3 | 1983.3 |
| 57.5° | 539.9 | 572.3 | 630.0 | 755.9 | 921.5 | 1101.4 | 1263.5 | 1436.2 | 1544.2 | 1605.4 | 1641.3 |
| 60° | 410.4 | 435.6 | 496.8 | 594.0 | 745.1 | 899.9 | 1036.6 | 1166.3 | 1252.6 | 1303.0 | 1339.0 |
| 62.5° | 309.5 | 338.4 | 381.5 | 464.3 | 579.4 | 705.5 | 820.6 | 917.8 | 989.8 | 1022.3 | 1047.5 |
| 65° | 212.3 | 233.9 | 266.4 | 331.1 | 428.3 | 518.2 | 608.3 | 680.3 | 727.1 | 763.1 | 777.5 |
| 67.5° | 158.4 | 172.7 | 190.8 | 241.2 | 309.5 | 381.5 | 442.7 | 493.1 | 543.6 | 558.0 | 583.1 |
| 70° | 118.8 | 129.6 | 147.6 | 183.6 | 223.1 | 273.5 | 324.0 | 352.8 | 388.8 | 413.9 | 421.2 |
| 72.5° | 75.6 | 79.1 | 97.2 | 118.8 | 151.1 | 183.6 | 216.0 | 241.2 | 262.8 | 277.2 | 284.3 |
| 75° | 43.3 | 64.7 | 64.7 | 86.4 | 108.0 | 122.4 | 144.0 | 161.9 | 172.7 | 183.6 | 183.6 |
| 77.5° | 28.7 | 39.6 | 43.3 | 53.9 | 64.7 | 82.8 | 100.7 | 111.6 | 122.4 | 125.9 | 125.9 |
| 80° | 25.2 | 28.7 | 28.7 | 39.6 | 46.8 | 61.2 | 72.0 | 75.6 | 82.8 | 86.4 | 93.6 |
| 82.5° | 10.8 | 14.4 | 17.9 | 28.7 | 32.4 | 32.4 | 43.3 | 46.8 | 53.9 | 57.6 | 57.6 |
| 85° | 3.6 | 7.3 | 7.3 | 10.8 | 17.9 | 21.6 | 25.2 | 28.7 | 32.4 | 32.4 | 36.0 |
| 87.5° | 3.6 | 3.6 | 0.0 | 3.6 | 7.3 | 7.3 | 14.4 | 14.4 | 14.4 | 21.6 | 21.6 |
| 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: P248890

CATALOG NUMBER: LD8B150D010 ER8B150835 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 | 7371.6 |
| 2.5° | 7306.8 | 7310.4 | 7296.0 | 7292.5 | 7285.2 | 7288.8 | 7296.0 |
| 5° | 7173.6 | 7177.2 | 7162.8 | 7148.5 | 7148.5 | 7144.8 | 7148.5 |
| 7.5° | 7047.6 | 7051.3 | 7029.6 | 7022.4 | 7008.0 | 7011.7 | 7011.7 |
| 10° | 6921.6 | 6921.6 | 6889.3 | 6885.6 | 6874.8 | 6871.3 | 6871.3 |
| 12.5° | 6799.3 | 6788.4 | 6763.3 | 6748.9 | 6756.1 | 6734.5 | 6734.5 |
| 15° | 6691.3 | 6673.3 | 6640.9 | 6630.1 | 6612.1 | 6604.9 | 6604.9 |
| 17.5° | 6579.7 | 6565.3 | 6536.6 | 6514.9 | 6493.3 | 6489.8 | 6493.3 |
| 20° | 6471.7 | 6457.3 | 6421.3 | 6406.9 | 6389.0 | 6389.0 | 6381.8 |
| 22.5° | 6363.7 | 6349.3 | 6317.0 | 6306.2 | 6281.0 | 6281.0 | 6284.6 |
| 25° | 6252.1 | 6241.3 | 6205.3 | 6198.2 | 6194.6 | 6180.1 | 6187.4 |
| 27.5° | 6101.0 | 6093.7 | 6065.0 | 6054.2 | 6039.8 | 6036.3 | 6043.4 |
| 30° | 5823.8 | 5813.0 | 5791.5 | 5780.7 | 5755.5 | 5759.1 | 5766.2 |
| 32.5° | 5478.3 | 5463.9 | 5435.1 | 5424.2 | 5402.8 | 5395.5 | 5399.0 |
| 35° | 5046.4 | 5035.6 | 5010.4 | 5010.4 | 4988.8 | 4981.5 | 4988.8 |
| 37.5° | 4607.3 | 4618.0 | 4607.3 | 4618.0 | 4607.3 | 4603.6 | 4607.3 |
| 40° | 4193.4 | 4232.9 | 4240.0 | 4279.7 | 4265.4 | 4286.9 | 4283.3 |
| 42.5° | 3797.4 | 3862.1 | 3887.4 | 3919.7 | 3912.6 | 3927.0 | 3937.8 |
| 45° | 3397.8 | 3451.9 | 3477.0 | 3498.7 | 3502.2 | 3509.5 | 3513.0 |
| 47.5° | 3019.8 | 3063.1 | 3066.7 | 3091.8 | 3088.3 | 3088.3 | 3099.1 |
| 50° | 2667.2 | 2696.0 | 2703.1 | 2721.2 | 2706.8 | 2699.5 | 2703.1 |
| 52.5° | 2339.7 | 2368.4 | 2361.1 | 2368.4 | 2350.5 | 2343.2 | 2346.8 |
| 55° | 2004.8 | 2019.2 | 2019.2 | 2019.2 | 1997.7 | 1997.7 | 1997.7 |
| 57.5° | 1662.9 | 1666.6 | 1659.3 | 1662.9 | 1659.3 | 1637.7 | 1634.1 |
| 60° | 1349.8 | 1349.8 | 1346.1 | 1349.8 | 1339.0 | 1328.2 | 1328.2 |
| 62.5° | 1054.6 | 1061.8 | 1076.2 | 1061.8 | 1054.6 | 1061.8 | 1051.0 |
| 65° | 788.3 | 802.7 | 799.0 | 806.3 | 802.7 | 802.7 | 795.4 |
| 67.5° | 594.0 | 597.5 | 601.1 | 604.8 | 604.8 | 604.8 | 604.8 |
| 70° | 435.6 | 446.4 | 442.7 | 442.7 | 442.7 | 442.7 | 464.3 |
| 72.5° | 291.6 | 305.9 | 302.4 | 309.5 | 309.5 | 316.8 | 309.5 |
| 75° | 197.9 | 212.3 | 205.2 | 216.0 | 212.3 | 205.2 | 223.1 |
| 77.5° | 133.2 | 140.5 | 144.0 | 147.6 | 144.0 | 140.5 | 144.0 |
| 80° | 93.6 | 100.7 | 97.2 | 100.7 | 100.7 | 100.7 | 104.4 |
| 82.5° | 57.6 | 68.4 | 64.7 | 68.4 | 64.7 | 68.4 | 68.4 |
| 85° | 39.6 | 43.3 | 36.0 | 43.3 | 39.6 | 39.6 | 46.8 |
| 87.5° | 25.2 | 21.6 | 21.6 | 25.2 | 21.6 | 25.2 | 21.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)