

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: P248933

Luminaire Tested: **LD8B100D010 ER8B100935 8LBSW0B**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P248933
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 ER8B100935 8LBSW0B
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT
90 CRI 3500 CCT WITH SPECULAR BLACK TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7087.0 lumens
Efficiency: N/A
Efficacy: 66.7 lumens/watt
Spacing Criteria (0/90/45): 1.2 / 1.23 / 1.15
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

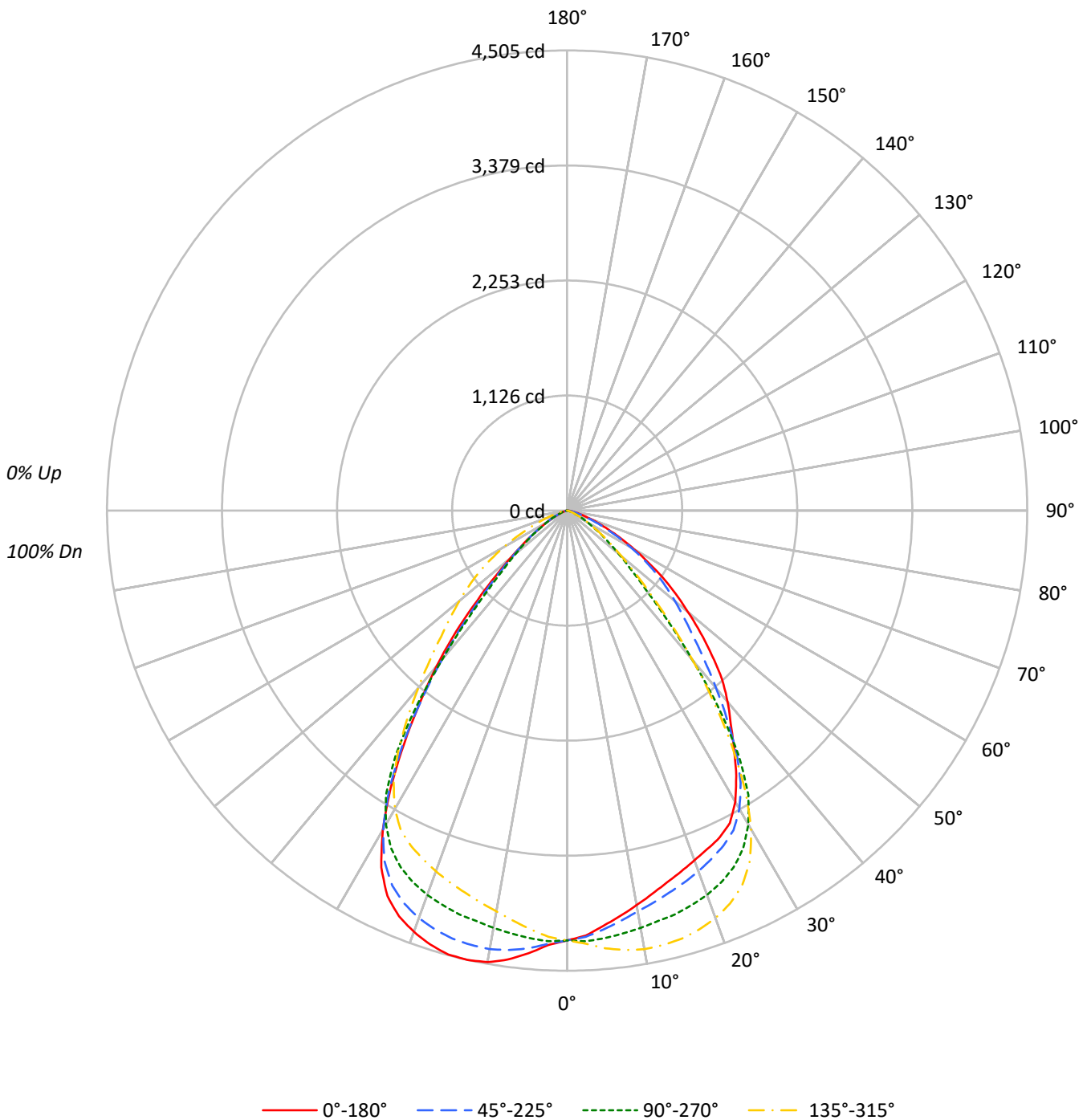
Input Watts (W): 106.3
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P248933

CATALOG NUMBER: LD8B100D010 ER8B100935 8LBSW0B

Luminous Intensity Polar Plot





TEST NUMBER: P248933

CATALOG NUMBER: LD8B100D010 ER8B100935 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° | 129738 | 129738 | 129738 | 129738 |
| 5° | 126293 | 130044 | 134687 | 130044 |
| 10° | 122799 | 129873 | 140550 | 129873 |
| 15° | 120344 | 130643 | 143630 | 130643 |
| 20° | 119527 | 131393 | 143997 | 131393 |
| 25° | 120153 | 131129 | 141683 | 131129 |
| 30° | 117182 | 126329 | 128597 | 126329 |
| 35° | 107188 | 110200 | 104557 | 110200 |
| 40° | 98409 | 76660 | 80053 | 76660 |
| 45° | 87441 | 46766 | 54110 | 46766 |
| 50° | 74012 | 31240 | 34694 | 31240 |
| 55° | 61299 | 21316 | 22531 | 21316 |
| 60° | 46754 | 14191 | 14314 | 14191 |
| 65° | 33126 | 8843 | 8092 | 8843 |
| 70° | 23892 | 5923 | 5373 | 5923 |
| 75° | 15167 | 2943 | 2442 | 2943 |
| 80° | 10584 | 2184 | 1811 | 2184 |
| 85° | 9447 | 0 | 708 | 0 |



TEST NUMBER: P248933

CATALOG NUMBER: LD8B100D010 ER8B100935 8LBSW0B

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 400.5 | 5.7 |
| 10°-20° | 1159.7 | 16.4 |
| 20°-30° | 1756.0 | 24.8 |
| 30°-40° | 1759.9 | 24.8 |
| 40°-50° | 1105.1 | 15.6 |
| 50°-60° | 588.9 | 8.3 |
| 60°-70° | 242.2 | 3.4 |
| 70°-80° | 64.0 | 0.9 |
| 80°-90° | 10.8 | 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° | 3316.1 | 46.8 |
| 0°-40° | 5076.0 | 71.6 |
| 0°-60° | 6770.0 | 95.5 |
| 0°-90° | 7087.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 7087.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 4207 | 4207 | 4207 | 4207 | 4207 | |
| 5° | 4080 | 4201 | 4351 | 4201 | 4080 | 385 |
| 15° | 3770 | 4092 | 4499 | 4092 | 3770 | 1066 |
| 25° | 3531 | 3854 | 4164 | 3854 | 3531 | 1620 |
| 35° | 2847 | 2927 | 2778 | 2927 | 2847 | 1784 |
| 45° | 2005 | 1072 | 1241 | 1072 | 2005 | 1542 |
| 55° | 1140 | 396 | 419 | 396 | 1140 | 1017 |
| 65° | 454 | 121 | 111 | 121 | 454 | 471 |
| 75° | 127 | 25 | 20 | 25 | 127 | 144 |
| 85° | 27 | 0 | 2 | 0 | 27 | 29 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P248933

CATALOG NUMBER: LD8B100D010 ER8B100935 8LBSW0B

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 |
| 2.5° | 4164.2 | 4160.1 | 4158.0 | 4162.2 | 4164.2 | 4172.4 | 4170.4 | 4174.4 | 4174.4 | 4176.5 | 4180.6 |
| 5° | 4080.0 | 4077.9 | 4080.0 | 4080.0 | 4088.2 | 4096.4 | 4094.4 | 4100.5 | 4104.6 | 4114.9 | 4119.0 |
| 7.5° | 4001.9 | 4001.9 | 3999.8 | 4008.0 | 4012.2 | 4024.5 | 4022.4 | 4032.7 | 4038.9 | 4049.1 | 4063.5 |
| 10° | 3921.8 | 3921.8 | 3923.8 | 3930.0 | 3932.1 | 3950.5 | 3950.5 | 3964.9 | 3973.1 | 3983.4 | 4001.9 |
| 12.5° | 3843.7 | 3843.7 | 3856.1 | 3851.9 | 3860.1 | 3874.5 | 3880.7 | 3895.1 | 3907.4 | 3927.9 | 3946.5 |
| 15° | 3769.7 | 3769.7 | 3773.9 | 3784.1 | 3790.3 | 3808.8 | 3819.0 | 3835.5 | 3849.9 | 3870.4 | 3897.2 |
| 17.5° | 3706.1 | 3704.0 | 3706.1 | 3718.4 | 3730.8 | 3747.2 | 3755.4 | 3775.9 | 3790.3 | 3817.0 | 3841.7 |
| 20° | 3642.4 | 3646.5 | 3646.5 | 3656.8 | 3665.0 | 3685.5 | 3693.7 | 3716.4 | 3732.8 | 3757.4 | 3786.2 |
| 22.5° | 3586.9 | 3584.9 | 3584.9 | 3599.3 | 3605.4 | 3623.9 | 3632.1 | 3652.6 | 3671.1 | 3691.7 | 3718.4 |
| 25° | 3531.4 | 3527.3 | 3535.6 | 3537.6 | 3541.7 | 3562.2 | 3568.4 | 3582.8 | 3601.3 | 3619.8 | 3646.5 |
| 27.5° | 3449.3 | 3445.2 | 3447.2 | 3455.4 | 3461.6 | 3478.0 | 3482.1 | 3496.5 | 3510.9 | 3527.3 | 3550.0 |
| 30° | 3291.0 | 3287.0 | 3285.0 | 3299.3 | 3305.5 | 3317.8 | 3323.9 | 3348.6 | 3352.7 | 3371.2 | 3387.6 |
| 32.5° | 3081.5 | 3079.5 | 3083.6 | 3095.9 | 3102.1 | 3118.5 | 3126.7 | 3141.1 | 3151.4 | 3161.7 | 3178.1 |
| 35° | 2847.4 | 2843.2 | 2847.4 | 2859.7 | 2859.7 | 2874.1 | 2880.3 | 2886.3 | 2884.3 | 2886.3 | 2882.3 |
| 37.5° | 2629.6 | 2627.5 | 2629.6 | 2635.7 | 2629.6 | 2635.7 | 2629.6 | 2617.3 | 2594.7 | 2570.0 | 2545.3 |
| 40° | 2444.7 | 2446.7 | 2434.5 | 2442.7 | 2420.0 | 2415.9 | 2393.4 | 2362.5 | 2317.3 | 2268.0 | 2198.2 |
| 42.5° | 2247.5 | 2241.3 | 2233.1 | 2237.2 | 2218.7 | 2204.3 | 2167.3 | 2128.4 | 2070.8 | 1988.7 | 1904.4 |
| 45° | 2005.1 | 2003.0 | 1998.9 | 1996.9 | 1984.5 | 1970.1 | 1939.3 | 1894.1 | 1830.5 | 1746.2 | 1645.5 |
| 47.5° | 1768.8 | 1762.6 | 1762.6 | 1764.7 | 1750.3 | 1748.3 | 1723.6 | 1684.6 | 1629.1 | 1546.9 | 1442.2 |
| 50° | 1542.8 | 1540.8 | 1544.9 | 1553.1 | 1542.8 | 1538.7 | 1522.3 | 1495.6 | 1446.3 | 1376.5 | 1277.8 |
| 52.5° | 1339.4 | 1337.4 | 1341.5 | 1351.8 | 1347.6 | 1351.8 | 1335.4 | 1314.8 | 1281.9 | 1214.1 | 1127.9 |
| 55° | 1140.2 | 1140.2 | 1140.2 | 1152.5 | 1152.5 | 1152.5 | 1144.3 | 1132.0 | 1101.1 | 1051.8 | 971.8 |
| 57.5° | 932.7 | 934.7 | 947.1 | 949.1 | 947.1 | 951.2 | 949.1 | 936.7 | 916.3 | 881.4 | 819.7 |
| 60° | 758.1 | 758.1 | 764.2 | 770.4 | 768.3 | 770.4 | 770.4 | 764.2 | 743.7 | 714.9 | 665.7 |
| 62.5° | 599.9 | 606.0 | 601.9 | 606.0 | 614.2 | 606.0 | 601.9 | 597.8 | 583.5 | 564.9 | 523.8 |
| 65° | 454.0 | 458.1 | 458.1 | 460.2 | 456.0 | 458.1 | 449.9 | 443.8 | 435.6 | 415.0 | 388.3 |
| 67.5° | 345.2 | 345.2 | 345.2 | 345.2 | 343.1 | 341.0 | 339.0 | 332.8 | 318.4 | 310.2 | 281.4 |
| 70° | 265.0 | 252.7 | 252.7 | 252.7 | 252.7 | 254.8 | 248.6 | 240.4 | 236.3 | 221.9 | 201.3 |
| 72.5° | 176.6 | 180.8 | 176.6 | 176.6 | 172.6 | 174.6 | 166.4 | 162.3 | 158.2 | 150.0 | 137.7 |
| 75° | 127.3 | 117.1 | 121.2 | 123.3 | 117.1 | 121.2 | 113.0 | 104.8 | 104.8 | 98.6 | 92.4 |
| 77.5° | 82.2 | 80.2 | 82.2 | 84.2 | 82.2 | 80.2 | 76.0 | 71.9 | 71.9 | 69.8 | 63.7 |
| 80° | 59.6 | 57.5 | 57.5 | 57.5 | 55.5 | 57.5 | 53.4 | 53.4 | 49.3 | 47.3 | 43.1 |
| 82.5° | 39.1 | 39.1 | 37.0 | 39.1 | 37.0 | 39.1 | 32.9 | 32.9 | 32.9 | 30.8 | 26.7 |
| 85° | 26.7 | 22.6 | 22.6 | 24.7 | 20.5 | 24.7 | 22.6 | 20.5 | 18.5 | 18.5 | 16.4 |
| 87.5° | 12.3 | 14.4 | 12.3 | 14.4 | 12.3 | 12.3 | 14.4 | 12.3 | 12.3 | 8.2 | 8.2 |
| 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: P248933

CATALOG NUMBER: LD8B100D010 ER8B100935 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 |
| 2.5° | 4186.8 | 4188.8 | 4188.8 | 4197.1 | 4201.2 | 4203.2 | 4203.2 | 4219.7 | 4213.5 | 4217.6 | 4221.7 |
| 5° | 4127.2 | 4139.5 | 4143.7 | 4143.7 | 4166.2 | 4174.4 | 4182.6 | 4201.2 | 4203.2 | 4215.5 | 4229.9 |
| 7.5° | 4069.7 | 4084.0 | 4092.3 | 4110.8 | 4125.1 | 4139.5 | 4164.2 | 4176.5 | 4188.8 | 4205.3 | 4223.7 |
| 10° | 4014.2 | 4030.7 | 4047.1 | 4061.5 | 4084.0 | 4102.6 | 4119.0 | 4147.7 | 4162.2 | 4184.8 | 4209.4 |
| 12.5° | 3960.8 | 3983.4 | 3997.8 | 4022.4 | 4047.1 | 4063.5 | 4088.2 | 4114.9 | 4137.5 | 4160.1 | 4188.8 |
| 15° | 3913.6 | 3940.3 | 3956.7 | 3983.4 | 4010.1 | 4032.7 | 4059.4 | 4092.3 | 4108.7 | 4135.5 | 4162.2 |
| 17.5° | 3862.2 | 3891.0 | 3911.5 | 3936.1 | 3969.0 | 3993.6 | 4016.3 | 4049.1 | 4069.7 | 4098.4 | 4129.3 |
| 20° | 3808.8 | 3837.6 | 3862.2 | 3886.8 | 3919.7 | 3944.3 | 3971.1 | 4004.0 | 4026.5 | 4055.3 | 4080.0 |
| 22.5° | 3745.1 | 3771.8 | 3798.5 | 3827.2 | 3860.1 | 3880.7 | 3911.5 | 3940.3 | 3964.9 | 3991.6 | 4016.3 |
| 25° | 3662.9 | 3695.8 | 3716.4 | 3743.0 | 3769.7 | 3792.3 | 3825.2 | 3854.0 | 3874.5 | 3899.2 | 3921.8 |
| 27.5° | 3566.4 | 3591.1 | 3607.5 | 3630.0 | 3656.8 | 3677.3 | 3701.9 | 3730.8 | 3751.3 | 3773.9 | 3790.3 |
| 30° | 3402.0 | 3424.6 | 3439.0 | 3455.4 | 3482.1 | 3500.7 | 3521.2 | 3547.9 | 3562.2 | 3578.7 | 3593.1 |
| 32.5° | 3186.3 | 3204.8 | 3213.0 | 3225.3 | 3243.9 | 3262.3 | 3278.8 | 3301.4 | 3307.5 | 3317.8 | 3317.8 |
| 35° | 2874.1 | 2878.1 | 2876.1 | 2880.3 | 2888.5 | 2898.7 | 2913.1 | 2927.4 | 2935.6 | 2935.6 | 2929.6 |
| 37.5° | 2508.4 | 2483.8 | 2457.0 | 2436.5 | 2430.3 | 2426.2 | 2434.5 | 2440.5 | 2448.8 | 2452.9 | 2442.7 |
| 40° | 2128.4 | 2072.9 | 2013.3 | 1959.8 | 1922.9 | 1906.5 | 1900.3 | 1904.4 | 1904.4 | 1918.7 | 1918.7 |
| 42.5° | 1801.7 | 1715.4 | 1627.1 | 1546.9 | 1493.5 | 1452.5 | 1434.0 | 1434.0 | 1436.0 | 1446.3 | 1452.5 |
| 45° | 1530.5 | 1421.6 | 1318.9 | 1230.6 | 1156.6 | 1103.2 | 1078.6 | 1072.4 | 1070.4 | 1074.4 | 1088.8 |
| 47.5° | 1323.0 | 1210.0 | 1103.2 | 994.3 | 916.3 | 862.8 | 840.3 | 832.0 | 823.8 | 832.0 | 834.1 |
| 50° | 1160.7 | 1043.6 | 930.7 | 821.7 | 739.6 | 692.3 | 663.5 | 651.2 | 649.2 | 649.2 | 653.3 |
| 52.5° | 1012.8 | 903.9 | 791.0 | 680.0 | 593.7 | 548.5 | 521.8 | 515.6 | 507.4 | 515.6 | 515.6 |
| 55° | 873.1 | 764.2 | 653.3 | 548.5 | 476.6 | 429.4 | 404.7 | 396.5 | 392.4 | 398.5 | 398.5 |
| 57.5° | 721.1 | 628.6 | 526.0 | 431.4 | 359.5 | 326.7 | 308.1 | 297.9 | 295.8 | 299.9 | 295.8 |
| 60° | 591.7 | 513.6 | 425.2 | 339.0 | 283.5 | 248.6 | 234.2 | 230.1 | 225.9 | 230.1 | 230.1 |
| 62.5° | 468.4 | 402.7 | 330.7 | 265.0 | 217.7 | 193.1 | 176.6 | 176.6 | 174.6 | 174.6 | 176.6 |
| 65° | 347.2 | 295.8 | 244.5 | 189.0 | 152.0 | 133.5 | 121.2 | 121.2 | 119.1 | 121.2 | 119.1 |
| 67.5° | 252.7 | 217.7 | 176.6 | 137.7 | 108.9 | 98.6 | 90.4 | 84.2 | 88.4 | 84.2 | 82.2 |
| 70° | 184.9 | 156.1 | 127.3 | 104.8 | 84.2 | 74.0 | 67.8 | 65.7 | 61.6 | 61.6 | 61.6 |
| 72.5° | 123.3 | 104.8 | 86.3 | 67.8 | 55.5 | 45.2 | 43.1 | 39.1 | 34.9 | 37.0 | 41.1 |
| 75° | 82.2 | 69.8 | 61.6 | 49.3 | 37.0 | 37.0 | 24.7 | 24.7 | 20.5 | 24.7 | 18.5 |
| 77.5° | 57.5 | 47.3 | 37.0 | 30.8 | 24.7 | 22.6 | 16.4 | 16.4 | 14.4 | 14.4 | 14.4 |
| 80° | 41.1 | 34.9 | 26.7 | 22.6 | 16.4 | 16.4 | 14.4 | 12.3 | 10.2 | 10.2 | 12.3 |
| 82.5° | 24.7 | 18.5 | 18.5 | 16.4 | 10.2 | 8.2 | 6.2 | 8.2 | 4.1 | 4.1 | 4.1 |
| 85° | 14.4 | 12.3 | 10.2 | 6.2 | 4.1 | 4.1 | 2.0 | 0.0 | 2.0 | 2.0 | 0.0 |
| 87.5° | 8.2 | 4.1 | 4.1 | 2.0 | 0.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 4.1 |
| 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: P248933

CATALOG NUMBER: LD8B100D010 ER8B100935 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 |
| 2.5° | 4232.0 | 4229.9 | 4234.0 | 4234.0 | 4246.4 | 4244.3 | 4250.5 | 4250.5 | 4246.4 | 4248.4 | 4256.6 |
| 5° | 4246.4 | 4252.6 | 4264.8 | 4275.1 | 4293.6 | 4301.9 | 4312.1 | 4322.4 | 4324.4 | 4330.6 | 4336.8 |
| 7.5° | 4246.4 | 4266.9 | 4281.3 | 4299.8 | 4324.4 | 4338.8 | 4361.4 | 4379.9 | 4388.1 | 4398.3 | 4410.7 |
| 10° | 4238.1 | 4258.7 | 4285.4 | 4305.9 | 4336.8 | 4359.4 | 4381.9 | 4410.7 | 4423.0 | 4439.4 | 4455.9 |
| 12.5° | 4221.7 | 4244.3 | 4273.0 | 4299.8 | 4334.7 | 4355.2 | 4384.0 | 4410.7 | 4429.2 | 4451.8 | 4470.3 |
| 15° | 4197.1 | 4223.7 | 4250.5 | 4277.2 | 4314.1 | 4338.8 | 4365.5 | 4396.3 | 4414.8 | 4439.4 | 4455.9 |
| 17.5° | 4158.0 | 4186.8 | 4211.5 | 4236.1 | 4271.0 | 4299.8 | 4324.4 | 4353.2 | 4371.7 | 4392.3 | 4414.8 |
| 20° | 4110.8 | 4137.5 | 4164.2 | 4184.8 | 4219.7 | 4244.3 | 4271.0 | 4297.7 | 4312.1 | 4316.2 | 4351.2 |
| 22.5° | 4051.2 | 4069.7 | 4090.2 | 4123.1 | 4143.7 | 4166.2 | 4190.9 | 4215.5 | 4229.9 | 4252.6 | 4264.8 |
| 25° | 3952.6 | 3971.1 | 3993.6 | 4008.0 | 4032.7 | 4051.2 | 4075.8 | 4102.6 | 4110.8 | 4127.2 | 4139.5 |
| 27.5° | 3815.0 | 3825.2 | 3835.5 | 3847.8 | 3862.2 | 3872.5 | 3886.8 | 3899.2 | 3907.4 | 3915.6 | 3923.8 |
| 30° | 3597.1 | 3597.1 | 3597.1 | 3588.9 | 3595.1 | 3601.3 | 3603.3 | 3601.3 | 3601.3 | 3599.3 | 3599.3 |
| 32.5° | 3309.6 | 3293.2 | 3274.6 | 3258.2 | 3252.1 | 3243.9 | 3239.7 | 3233.5 | 3223.3 | 3217.1 | 3219.2 |
| 35° | 2921.3 | 2884.3 | 2861.7 | 2841.2 | 2824.8 | 2812.4 | 2806.3 | 2800.1 | 2798.1 | 2789.9 | 2781.6 |
| 37.5° | 2436.5 | 2409.8 | 2393.4 | 2381.0 | 2366.6 | 2354.3 | 2356.3 | 2358.4 | 2364.5 | 2360.5 | 2362.5 |
| 40° | 1922.9 | 1916.7 | 1922.9 | 1908.5 | 1904.4 | 1908.5 | 1918.7 | 1933.2 | 1941.4 | 1949.6 | 1964.0 |
| 42.5° | 1462.7 | 1472.9 | 1487.4 | 1487.4 | 1493.5 | 1501.8 | 1514.0 | 1536.7 | 1549.0 | 1563.3 | 1579.8 |
| 45° | 1101.1 | 1113.5 | 1132.0 | 1138.1 | 1142.2 | 1152.5 | 1166.9 | 1185.4 | 1193.6 | 1205.9 | 1220.3 |
| 47.5° | 848.5 | 856.7 | 866.9 | 877.2 | 887.4 | 891.6 | 906.0 | 906.0 | 916.3 | 924.5 | 928.5 |
| 50° | 661.5 | 669.7 | 677.9 | 684.1 | 688.2 | 694.4 | 698.5 | 704.6 | 706.7 | 710.8 | 712.8 |
| 52.5° | 517.7 | 528.0 | 528.0 | 532.0 | 538.2 | 544.4 | 542.4 | 544.4 | 546.4 | 546.4 | 552.6 |
| 55° | 404.7 | 404.7 | 410.9 | 410.9 | 415.0 | 412.9 | 415.0 | 415.0 | 415.0 | 415.0 | 417.0 |
| 57.5° | 302.0 | 304.1 | 310.2 | 306.1 | 304.1 | 308.1 | 304.1 | 308.1 | 306.1 | 310.2 | 304.1 |
| 60° | 232.1 | 232.1 | 234.2 | 234.2 | 236.3 | 236.3 | 236.3 | 234.2 | 234.2 | 232.1 | 232.1 |
| 62.5° | 174.6 | 176.6 | 178.8 | 176.6 | 176.6 | 176.6 | 174.6 | 174.6 | 172.6 | 170.5 | 170.5 |
| 65° | 117.1 | 115.1 | 119.1 | 115.1 | 117.1 | 117.1 | 115.1 | 117.1 | 110.9 | 113.0 | 110.9 |
| 67.5° | 84.2 | 82.2 | 80.2 | 82.2 | 80.2 | 78.0 | 78.0 | 80.2 | 82.2 | 76.0 | 76.0 |
| 70° | 55.5 | 57.5 | 55.5 | 57.5 | 59.6 | 59.6 | 57.5 | 55.5 | 57.5 | 53.4 | 55.5 |
| 72.5° | 34.9 | 34.9 | 34.9 | 34.9 | 34.9 | 37.0 | 37.0 | 37.0 | 32.9 | 32.9 | 30.8 |
| 75° | 16.4 | 22.6 | 18.5 | 16.4 | 22.6 | 22.6 | 20.5 | 20.5 | 18.5 | 18.5 | 18.5 |
| 77.5° | 16.4 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 10.2 | 12.3 | 10.2 |
| 80° | 8.2 | 8.2 | 8.2 | 6.2 | 8.2 | 8.2 | 10.2 | 8.2 | 8.2 | 6.2 | 10.2 |
| 82.5° | 4.1 | 4.1 | 4.1 | 0.0 | 2.0 | 4.1 | 4.1 | 2.0 | 4.1 | 4.1 | 2.0 |
| 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: P248933

CATALOG NUMBER: LD8B100D010 ER8B100935 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 |
| 2.5° | 4254.6 | 4252.6 | 4254.6 | 4256.6 | 4254.6 | 4252.6 | 4254.6 | 4256.6 | 4248.4 | 4246.4 | 4250.5 |
| 5° | 4345.0 | 4345.0 | 4349.0 | 4351.2 | 4349.0 | 4345.0 | 4345.0 | 4336.8 | 4330.6 | 4324.4 | 4322.4 |
| 7.5° | 4423.0 | 4427.2 | 4431.2 | 4433.3 | 4431.2 | 4427.2 | 4423.0 | 4410.7 | 4398.3 | 4388.1 | 4379.9 |
| 10° | 4470.3 | 4476.5 | 4484.7 | 4488.7 | 4484.7 | 4476.5 | 4470.3 | 4455.9 | 4439.4 | 4423.0 | 4410.7 |
| 12.5° | 4490.9 | 4497.0 | 4507.3 | 4505.2 | 4507.3 | 4497.0 | 4490.9 | 4470.3 | 4451.8 | 4429.2 | 4410.7 |
| 15° | 4476.5 | 4484.7 | 4494.9 | 4499.1 | 4494.9 | 4484.7 | 4476.5 | 4455.9 | 4439.4 | 4414.8 | 4396.3 |
| 17.5° | 4431.2 | 4443.6 | 4449.8 | 4455.9 | 4449.8 | 4443.6 | 4431.2 | 4414.8 | 4392.3 | 4371.7 | 4353.2 |
| 20° | 4369.6 | 4377.9 | 4386.1 | 4388.1 | 4386.1 | 4377.9 | 4369.6 | 4351.2 | 4316.2 | 4312.1 | 4297.7 |
| 22.5° | 4281.3 | 4287.5 | 4305.9 | 4299.8 | 4305.9 | 4287.5 | 4281.3 | 4264.8 | 4252.6 | 4229.9 | 4215.5 |
| 25° | 4153.9 | 4160.1 | 4162.2 | 4164.2 | 4162.2 | 4160.1 | 4153.9 | 4139.5 | 4127.2 | 4110.8 | 4102.6 |
| 27.5° | 3934.1 | 3934.1 | 3938.2 | 3940.3 | 3938.2 | 3934.1 | 3934.1 | 3923.8 | 3915.6 | 3907.4 | 3899.2 |
| 30° | 3601.3 | 3601.3 | 3601.3 | 3611.6 | 3601.3 | 3601.3 | 3601.3 | 3599.3 | 3599.3 | 3601.3 | 3601.3 |
| 32.5° | 3217.1 | 3213.0 | 3208.9 | 3213.0 | 3208.9 | 3213.0 | 3217.1 | 3219.2 | 3217.1 | 3223.3 | 3233.5 |
| 35° | 2781.6 | 2779.5 | 2785.7 | 2777.5 | 2785.7 | 2779.5 | 2781.6 | 2781.6 | 2789.9 | 2798.1 | 2800.1 |
| 37.5° | 2364.5 | 2360.5 | 2368.7 | 2360.5 | 2368.7 | 2360.5 | 2364.5 | 2362.5 | 2360.5 | 2364.5 | 2358.4 |
| 40° | 1968.1 | 1972.2 | 1972.2 | 1988.7 | 1972.2 | 1972.2 | 1968.1 | 1964.0 | 1949.6 | 1941.4 | 1933.2 |
| 42.5° | 1588.0 | 1600.4 | 1596.2 | 1608.6 | 1596.2 | 1600.4 | 1588.0 | 1579.8 | 1563.3 | 1549.0 | 1536.7 |
| 45° | 1228.5 | 1236.8 | 1236.8 | 1240.8 | 1236.8 | 1236.8 | 1228.5 | 1220.3 | 1205.9 | 1193.6 | 1185.4 |
| 47.5° | 942.9 | 942.9 | 942.9 | 945.0 | 942.9 | 942.9 | 942.9 | 928.5 | 924.5 | 916.3 | 906.0 |
| 50° | 717.0 | 719.0 | 721.1 | 723.2 | 721.1 | 719.0 | 717.0 | 712.8 | 710.8 | 706.7 | 704.6 |
| 52.5° | 550.6 | 552.6 | 548.5 | 552.6 | 548.5 | 552.6 | 550.6 | 552.6 | 546.4 | 546.4 | 544.4 |
| 55° | 417.0 | 415.0 | 417.0 | 419.1 | 417.0 | 415.0 | 417.0 | 417.0 | 415.0 | 415.0 | 415.0 |
| 57.5° | 306.1 | 302.0 | 302.0 | 302.0 | 302.0 | 302.0 | 306.1 | 304.1 | 310.2 | 306.1 | 308.1 |
| 60° | 228.1 | 230.1 | 230.1 | 232.1 | 230.1 | 230.1 | 228.1 | 232.1 | 232.1 | 234.2 | 234.2 |
| 62.5° | 168.4 | 174.6 | 170.5 | 174.6 | 170.5 | 174.6 | 168.4 | 170.5 | 170.5 | 172.6 | 174.6 |
| 65° | 108.9 | 108.9 | 108.9 | 110.9 | 108.9 | 108.9 | 108.9 | 110.9 | 113.0 | 110.9 | 117.1 |
| 67.5° | 74.0 | 76.0 | 80.2 | 78.0 | 80.2 | 76.0 | 74.0 | 76.0 | 76.0 | 82.2 | 80.2 |
| 70° | 59.6 | 53.4 | 53.4 | 59.6 | 53.4 | 53.4 | 59.6 | 55.5 | 53.4 | 57.5 | 55.5 |
| 72.5° | 34.9 | 30.8 | 34.9 | 34.9 | 34.9 | 30.8 | 34.9 | 30.8 | 32.9 | 32.9 | 37.0 |
| 75° | 18.5 | 16.4 | 14.4 | 20.5 | 14.4 | 16.4 | 18.5 | 18.5 | 18.5 | 18.5 | 20.5 |
| 77.5° | 12.3 | 10.2 | 14.4 | 14.4 | 14.4 | 10.2 | 12.3 | 10.2 | 12.3 | 10.2 | 12.3 |
| 80° | 6.2 | 8.2 | 6.2 | 10.2 | 6.2 | 8.2 | 6.2 | 10.2 | 6.2 | 8.2 | 8.2 |
| 82.5° | 2.0 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 2.0 | 2.0 | 4.1 | 4.1 | 2.0 |
| 85° | 0.0 | 4.1 | 2.0 | 2.0 | 2.0 | 4.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 2.0 | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 | 2.0 | 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: P248933

CATALOG NUMBER: LD8B100D010 ER8B100935 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 |
| 2.5° | 4250.5 | 4244.3 | 4246.4 | 4234.0 | 4234.0 | 4229.9 | 4232.0 | 4221.7 | 4217.6 | 4213.5 | 4219.7 |
| 5° | 4312.1 | 4301.9 | 4293.6 | 4275.1 | 4264.8 | 4252.6 | 4246.4 | 4229.9 | 4215.5 | 4203.2 | 4201.2 |
| 7.5° | 4361.4 | 4338.8 | 4324.4 | 4299.8 | 4281.3 | 4266.9 | 4246.4 | 4223.7 | 4205.3 | 4188.8 | 4176.5 |
| 10° | 4381.9 | 4359.4 | 4336.8 | 4305.9 | 4285.4 | 4258.7 | 4238.1 | 4209.4 | 4184.8 | 4162.2 | 4147.7 |
| 12.5° | 4384.0 | 4355.2 | 4334.7 | 4299.8 | 4273.0 | 4244.3 | 4221.7 | 4188.8 | 4160.1 | 4137.5 | 4114.9 |
| 15° | 4365.5 | 4338.8 | 4314.1 | 4277.2 | 4250.5 | 4223.7 | 4197.1 | 4162.2 | 4135.5 | 4108.7 | 4092.3 |
| 17.5° | 4324.4 | 4299.8 | 4271.0 | 4236.1 | 4211.5 | 4186.8 | 4158.0 | 4129.3 | 4098.4 | 4069.7 | 4049.1 |
| 20° | 4271.0 | 4244.3 | 4219.7 | 4184.8 | 4164.2 | 4137.5 | 4110.8 | 4080.0 | 4055.3 | 4026.5 | 4004.0 |
| 22.5° | 4190.9 | 4166.2 | 4143.7 | 4123.1 | 4090.2 | 4069.7 | 4051.2 | 4016.3 | 3991.6 | 3964.9 | 3940.3 |
| 25° | 4075.8 | 4051.2 | 4032.7 | 4008.0 | 3993.6 | 3971.1 | 3952.6 | 3921.8 | 3899.2 | 3874.5 | 3854.0 |
| 27.5° | 3886.8 | 3872.5 | 3862.2 | 3847.8 | 3835.5 | 3825.2 | 3815.0 | 3790.3 | 3773.9 | 3751.3 | 3730.8 |
| 30° | 3603.3 | 3601.3 | 3595.1 | 3588.9 | 3597.1 | 3597.1 | 3597.1 | 3593.1 | 3578.7 | 3562.2 | 3547.9 |
| 32.5° | 3239.7 | 3243.9 | 3252.1 | 3258.2 | 3274.6 | 3293.2 | 3309.6 | 3317.8 | 3317.8 | 3307.5 | 3301.4 |
| 35° | 2806.3 | 2812.4 | 2824.8 | 2841.2 | 2861.7 | 2884.3 | 2921.3 | 2929.6 | 2935.6 | 2935.6 | 2927.4 |
| 37.5° | 2356.3 | 2354.3 | 2366.6 | 2381.0 | 2393.4 | 2409.8 | 2436.5 | 2442.7 | 2452.9 | 2448.8 | 2440.5 |
| 40° | 1918.7 | 1908.5 | 1904.4 | 1908.5 | 1922.9 | 1916.7 | 1922.9 | 1918.7 | 1918.7 | 1904.4 | 1904.4 |
| 42.5° | 1514.0 | 1501.8 | 1493.5 | 1487.4 | 1487.4 | 1472.9 | 1462.7 | 1452.5 | 1446.3 | 1436.0 | 1434.0 |
| 45° | 1166.9 | 1152.5 | 1142.2 | 1138.1 | 1132.0 | 1113.5 | 1101.1 | 1088.8 | 1074.4 | 1070.4 | 1072.4 |
| 47.5° | 906.0 | 891.6 | 887.4 | 877.2 | 866.9 | 856.7 | 848.5 | 834.1 | 832.0 | 823.8 | 832.0 |
| 50° | 698.5 | 694.4 | 688.2 | 684.1 | 677.9 | 669.7 | 661.5 | 653.3 | 649.2 | 649.2 | 651.2 |
| 52.5° | 542.4 | 544.4 | 538.2 | 532.0 | 528.0 | 528.0 | 517.7 | 515.6 | 515.6 | 507.4 | 515.6 |
| 55° | 415.0 | 412.9 | 415.0 | 410.9 | 410.9 | 404.7 | 404.7 | 398.5 | 398.5 | 392.4 | 396.5 |
| 57.5° | 304.1 | 308.1 | 304.1 | 306.1 | 310.2 | 304.1 | 302.0 | 295.8 | 299.9 | 295.8 | 297.9 |
| 60° | 236.3 | 236.3 | 236.3 | 234.2 | 234.2 | 232.1 | 232.1 | 230.1 | 230.1 | 225.9 | 230.1 |
| 62.5° | 174.6 | 176.6 | 176.6 | 176.6 | 178.8 | 176.6 | 174.6 | 176.6 | 174.6 | 174.6 | 176.6 |
| 65° | 115.1 | 117.1 | 117.1 | 115.1 | 119.1 | 115.1 | 117.1 | 119.1 | 121.2 | 119.1 | 121.2 |
| 67.5° | 78.0 | 78.0 | 80.2 | 82.2 | 80.2 | 82.2 | 84.2 | 82.2 | 84.2 | 88.4 | 84.2 |
| 70° | 57.5 | 59.6 | 59.6 | 57.5 | 55.5 | 57.5 | 55.5 | 61.6 | 61.6 | 61.6 | 65.7 |
| 72.5° | 37.0 | 37.0 | 34.9 | 34.9 | 34.9 | 34.9 | 34.9 | 41.1 | 37.0 | 34.9 | 39.1 |
| 75° | 20.5 | 22.6 | 22.6 | 16.4 | 18.5 | 22.6 | 16.4 | 18.5 | 24.7 | 20.5 | 24.7 |
| 77.5° | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 16.4 | 14.4 | 14.4 | 14.4 | 16.4 |
| 80° | 10.2 | 8.2 | 8.2 | 6.2 | 8.2 | 8.2 | 8.2 | 12.3 | 10.2 | 10.2 | 12.3 |
| 82.5° | 4.1 | 4.1 | 2.0 | 0.0 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 8.2 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.1 | 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: P248933

CATALOG NUMBER: LD8B100D010 ER8B100935 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 |
| 2.5° | 4203.2 | 4203.2 | 4201.2 | 4197.1 | 4188.8 | 4188.8 | 4186.8 | 4180.6 | 4176.5 | 4174.4 | 4174.4 |
| 5° | 4182.6 | 4174.4 | 4166.2 | 4143.7 | 4143.7 | 4139.5 | 4127.2 | 4119.0 | 4114.9 | 4104.6 | 4100.5 |
| 7.5° | 4164.2 | 4139.5 | 4125.1 | 4110.8 | 4092.3 | 4084.0 | 4069.7 | 4063.5 | 4049.1 | 4038.9 | 4032.7 |
| 10° | 4119.0 | 4102.6 | 4084.0 | 4061.5 | 4047.1 | 4030.7 | 4014.2 | 4001.9 | 3983.4 | 3973.1 | 3964.9 |
| 12.5° | 4088.2 | 4063.5 | 4047.1 | 4022.4 | 3997.8 | 3983.4 | 3960.8 | 3946.5 | 3927.9 | 3907.4 | 3895.1 |
| 15° | 4059.4 | 4032.7 | 4010.1 | 3983.4 | 3956.7 | 3940.3 | 3913.6 | 3897.2 | 3870.4 | 3849.9 | 3835.5 |
| 17.5° | 4016.3 | 3993.6 | 3969.0 | 3936.1 | 3911.5 | 3891.0 | 3862.2 | 3841.7 | 3817.0 | 3790.3 | 3775.9 |
| 20° | 3971.1 | 3944.3 | 3919.7 | 3886.8 | 3862.2 | 3837.6 | 3808.8 | 3786.2 | 3757.4 | 3732.8 | 3716.4 |
| 22.5° | 3911.5 | 3880.7 | 3860.1 | 3827.2 | 3798.5 | 3771.8 | 3745.1 | 3718.4 | 3691.7 | 3671.1 | 3652.6 |
| 25° | 3825.2 | 3792.3 | 3769.7 | 3743.0 | 3716.4 | 3695.8 | 3662.9 | 3646.5 | 3619.8 | 3601.3 | 3582.8 |
| 27.5° | 3701.9 | 3677.3 | 3656.8 | 3630.0 | 3607.5 | 3591.1 | 3566.4 | 3550.0 | 3527.3 | 3510.9 | 3496.5 |
| 30° | 3521.2 | 3500.7 | 3482.1 | 3455.4 | 3439.0 | 3424.6 | 3402.0 | 3387.6 | 3371.2 | 3352.7 | 3348.6 |
| 32.5° | 3278.8 | 3262.3 | 3243.9 | 3225.3 | 3213.0 | 3204.8 | 3186.3 | 3178.1 | 3161.7 | 3151.4 | 3141.1 |
| 35° | 2913.1 | 2898.7 | 2888.5 | 2880.3 | 2876.1 | 2878.1 | 2874.1 | 2882.3 | 2886.3 | 2884.3 | 2886.3 |
| 37.5° | 2434.5 | 2426.2 | 2430.3 | 2436.5 | 2457.0 | 2483.8 | 2508.4 | 2545.3 | 2570.0 | 2594.7 | 2617.3 |
| 40° | 1900.3 | 1906.5 | 1922.9 | 1959.8 | 2013.3 | 2072.9 | 2128.4 | 2198.2 | 2268.0 | 2317.3 | 2362.5 |
| 42.5° | 1434.0 | 1452.5 | 1493.5 | 1546.9 | 1627.1 | 1715.4 | 1801.7 | 1904.4 | 1988.7 | 2070.8 | 2128.4 |
| 45° | 1078.6 | 1103.2 | 1156.6 | 1230.6 | 1318.9 | 1421.6 | 1530.5 | 1645.5 | 1746.2 | 1830.5 | 1894.1 |
| 47.5° | 840.3 | 862.8 | 916.3 | 994.3 | 1103.2 | 1210.0 | 1323.0 | 1442.2 | 1546.9 | 1629.1 | 1684.6 |
| 50° | 663.5 | 692.3 | 739.6 | 821.7 | 930.7 | 1043.6 | 1160.7 | 1277.8 | 1376.5 | 1446.3 | 1495.6 |
| 52.5° | 521.8 | 548.5 | 593.7 | 680.0 | 791.0 | 903.9 | 1012.8 | 1127.9 | 1214.1 | 1281.9 | 1314.8 |
| 55° | 404.7 | 429.4 | 476.6 | 548.5 | 653.3 | 764.2 | 873.1 | 971.8 | 1051.8 | 1101.1 | 1132.0 |
| 57.5° | 308.1 | 326.7 | 359.5 | 431.4 | 526.0 | 628.6 | 721.1 | 819.7 | 881.4 | 916.3 | 936.7 |
| 60° | 234.2 | 248.6 | 283.5 | 339.0 | 425.2 | 513.6 | 591.7 | 665.7 | 714.9 | 743.7 | 764.2 |
| 62.5° | 176.6 | 193.1 | 217.7 | 265.0 | 330.7 | 402.7 | 468.4 | 523.8 | 564.9 | 583.5 | 597.8 |
| 65° | 121.2 | 133.5 | 152.0 | 189.0 | 244.5 | 295.8 | 347.2 | 388.3 | 415.0 | 435.6 | 443.8 |
| 67.5° | 90.4 | 98.6 | 108.9 | 137.7 | 176.6 | 217.7 | 252.7 | 281.4 | 310.2 | 318.4 | 332.8 |
| 70° | 67.8 | 74.0 | 84.2 | 104.8 | 127.3 | 156.1 | 184.9 | 201.3 | 221.9 | 236.3 | 240.4 |
| 72.5° | 43.1 | 45.2 | 55.5 | 67.8 | 86.3 | 104.8 | 123.3 | 137.7 | 150.0 | 158.2 | 162.3 |
| 75° | 24.7 | 37.0 | 37.0 | 49.3 | 61.6 | 69.8 | 82.2 | 92.4 | 98.6 | 104.8 | 104.8 |
| 77.5° | 16.4 | 22.6 | 24.7 | 30.8 | 37.0 | 47.3 | 57.5 | 63.7 | 69.8 | 71.9 | 71.9 |
| 80° | 14.4 | 16.4 | 16.4 | 22.6 | 26.7 | 34.9 | 41.1 | 43.1 | 47.3 | 49.3 | 53.4 |
| 82.5° | 6.2 | 8.2 | 10.2 | 16.4 | 18.5 | 18.5 | 24.7 | 26.7 | 30.8 | 32.9 | 32.9 |
| 85° | 2.0 | 4.1 | 4.1 | 6.2 | 10.2 | 12.3 | 14.4 | 16.4 | 18.5 | 18.5 | 20.5 |
| 87.5° | 2.0 | 2.0 | 0.0 | 2.0 | 4.1 | 4.1 | 8.2 | 8.2 | 8.2 | 12.3 | 12.3 |
| 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: P248933

CATALOG NUMBER: LD8B100D010 ER8B100935 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 | 4207.3 |
| 2.5° | 4170.4 | 4172.4 | 4164.2 | 4162.2 | 4158.0 | 4160.1 | 4164.2 |
| 5° | 4094.4 | 4096.4 | 4088.2 | 4080.0 | 4080.0 | 4077.9 | 4080.0 |
| 7.5° | 4022.4 | 4024.5 | 4012.2 | 4008.0 | 3999.8 | 4001.9 | 4001.9 |
| 10° | 3950.5 | 3950.5 | 3932.1 | 3930.0 | 3923.8 | 3921.8 | 3921.8 |
| 12.5° | 3880.7 | 3874.5 | 3860.1 | 3851.9 | 3856.1 | 3843.7 | 3843.7 |
| 15° | 3819.0 | 3808.8 | 3790.3 | 3784.1 | 3773.9 | 3769.7 | 3769.7 |
| 17.5° | 3755.4 | 3747.2 | 3730.8 | 3718.4 | 3706.1 | 3704.0 | 3706.1 |
| 20° | 3693.7 | 3685.5 | 3665.0 | 3656.8 | 3646.5 | 3646.5 | 3642.4 |
| 22.5° | 3632.1 | 3623.9 | 3605.4 | 3599.3 | 3584.9 | 3584.9 | 3586.9 |
| 25° | 3568.4 | 3562.2 | 3541.7 | 3537.6 | 3535.6 | 3527.3 | 3531.4 |
| 27.5° | 3482.1 | 3478.0 | 3461.6 | 3455.4 | 3447.2 | 3445.2 | 3449.3 |
| 30° | 3323.9 | 3317.8 | 3305.5 | 3299.3 | 3285.0 | 3287.0 | 3291.0 |
| 32.5° | 3126.7 | 3118.5 | 3102.1 | 3095.9 | 3083.6 | 3079.5 | 3081.5 |
| 35° | 2880.3 | 2874.1 | 2859.7 | 2859.7 | 2847.4 | 2843.2 | 2847.4 |
| 37.5° | 2629.6 | 2635.7 | 2629.6 | 2635.7 | 2629.6 | 2627.5 | 2629.6 |
| 40° | 2393.4 | 2415.9 | 2420.0 | 2442.7 | 2434.5 | 2446.7 | 2444.7 |
| 42.5° | 2167.3 | 2204.3 | 2218.7 | 2237.2 | 2233.1 | 2241.3 | 2247.5 |
| 45° | 1939.3 | 1970.1 | 1984.5 | 1996.9 | 1998.9 | 2003.0 | 2005.1 |
| 47.5° | 1723.6 | 1748.3 | 1750.3 | 1764.7 | 1762.6 | 1762.6 | 1768.8 |
| 50° | 1522.3 | 1538.7 | 1542.8 | 1553.1 | 1544.9 | 1540.8 | 1542.8 |
| 52.5° | 1335.4 | 1351.8 | 1347.6 | 1351.8 | 1341.5 | 1337.4 | 1339.4 |
| 55° | 1144.3 | 1152.5 | 1152.5 | 1152.5 | 1140.2 | 1140.2 | 1140.2 |
| 57.5° | 949.1 | 951.2 | 947.1 | 949.1 | 947.1 | 934.7 | 932.7 |
| 60° | 770.4 | 770.4 | 768.3 | 770.4 | 764.2 | 758.1 | 758.1 |
| 62.5° | 601.9 | 606.0 | 614.2 | 606.0 | 601.9 | 606.0 | 599.9 |
| 65° | 449.9 | 458.1 | 456.0 | 460.2 | 458.1 | 458.1 | 454.0 |
| 67.5° | 339.0 | 341.0 | 343.1 | 345.2 | 345.2 | 345.2 | 345.2 |
| 70° | 248.6 | 254.8 | 252.7 | 252.7 | 252.7 | 252.7 | 265.0 |
| 72.5° | 166.4 | 174.6 | 172.6 | 176.6 | 176.6 | 180.8 | 176.6 |
| 75° | 113.0 | 121.2 | 117.1 | 123.3 | 121.2 | 117.1 | 127.3 |
| 77.5° | 76.0 | 80.2 | 82.2 | 84.2 | 82.2 | 80.2 | 82.2 |
| 80° | 53.4 | 57.5 | 55.5 | 57.5 | 57.5 | 57.5 | 59.6 |
| 82.5° | 32.9 | 39.1 | 37.0 | 39.1 | 37.0 | 39.1 | 39.1 |
| 85° | 22.6 | 24.7 | 20.5 | 24.7 | 22.6 | 22.6 | 26.7 |
| 87.5° | 14.4 | 12.3 | 12.3 | 14.4 | 12.3 | 14.4 | 12.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)