

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: P248715

Luminaire Tested: **LD8B80D010 ER8B80935 8LBSW0WMH**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P248715
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: LD8B80D010 ER8B80935 8LBSW0WMH
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT
90 CRI 3500 CCT WITH WARM HAZE TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7076.0 lumens
Efficiency: N/A
Efficacy: 95.1 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

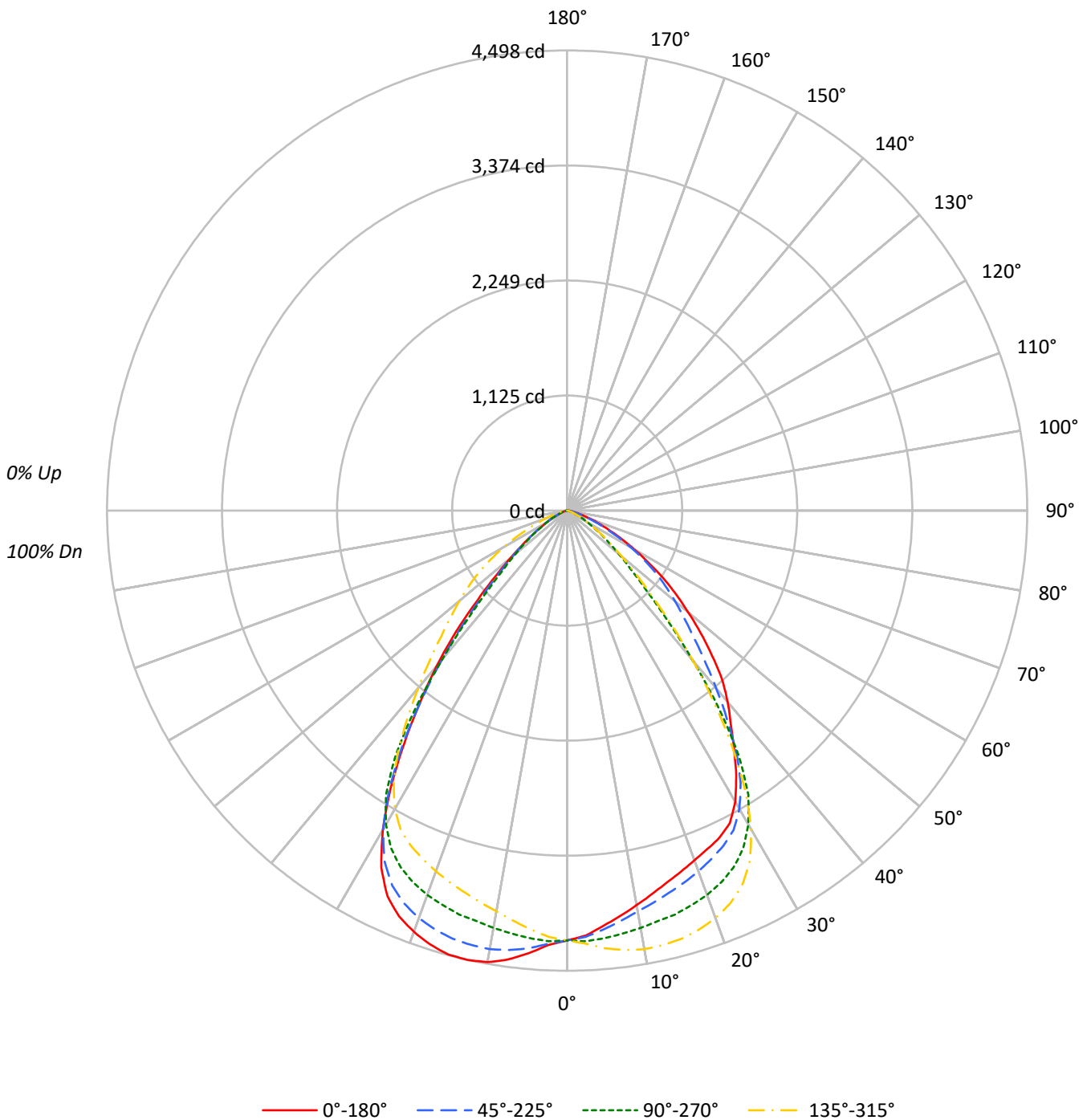
Input Watts (W): 74.4
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P248715

CATALOG NUMBER: LD8B80D010 ER8B80935 8LBSW0WMH

Luminous Intensity Polar Plot





TEST NUMBER: P248715

CATALOG NUMBER: LD8B80D010 ER8B80935 8LBSW0WMH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|-----|---|--|---|
| RF | 20 | | | | | 20 | | | | | 20 | | | | | 20 | | | | | 20 | | | | | |
| RC | 80 | | | | | 70 | | | | | 50 | | | | | 30 | | | | | 10 | | | | | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | | |
| RCR | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | | | | | 100 | | | |
| 1 | 112 | 109 | 106 | 103 | 109 | 106 | 104 | 101 | 102 | 100 | 98 | 99 | 97 | 95 | 95 | 94 | 92 | 90 | | | | | 90 | | | |
| 2 | 105 | 99 | 94 | 89 | 102 | 97 | 92 | 88 | 93 | 90 | 86 | 90 | 87 | 84 | 87 | 85 | 83 | 81 | | | | | 81 | | | |
| 3 | 98 | 90 | 83 | 78 | 95 | 88 | 82 | 78 | 85 | 80 | 76 | 83 | 79 | 75 | 80 | 77 | 74 | 72 | | | | | 72 | | | |
| 4 | 91 | 82 | 75 | 70 | 89 | 80 | 74 | 69 | 78 | 73 | 68 | 76 | 71 | 67 | 74 | 70 | 67 | 65 | | | | | 65 | | | |
| 5 | 85 | 75 | 68 | 62 | 83 | 74 | 67 | 62 | 72 | 66 | 61 | 70 | 65 | 61 | 68 | 64 | 60 | 58 | | | | | 58 | | | |
| 6 | 80 | 69 | 61 | 56 | 78 | 68 | 61 | 56 | 66 | 60 | 55 | 65 | 59 | 55 | 63 | 58 | 55 | 53 | | | | | 53 | | | |
| 7 | 75 | 63 | 56 | 51 | 73 | 63 | 56 | 51 | 61 | 55 | 50 | 60 | 54 | 50 | 59 | 54 | 50 | 48 | | | | | 48 | | | |
| 8 | 70 | 59 | 51 | 46 | 69 | 58 | 51 | 46 | 57 | 50 | 46 | 56 | 50 | 46 | 55 | 49 | 46 | 44 | | | | | 44 | | | |
| 9 | 66 | 54 | 47 | 42 | 65 | 54 | 47 | 42 | 53 | 47 | 42 | 52 | 46 | 42 | 51 | 46 | 42 | 40 | | | | | 40 | | | |
| 10 | 62 | 51 | 44 | 39 | 61 | 50 | 44 | 39 | 49 | 43 | 39 | 48 | 43 | 39 | 48 | 42 | 39 | 37 | | | | | 37 | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|--------|--------|--------|--------|
| 0° | 129537 | 129537 | 129537 | 129537 |
| 5° | 126095 | 129840 | 134477 | 129840 |
| 10° | 122608 | 129672 | 140334 | 129672 |
| 15° | 120159 | 130442 | 143406 | 130442 |
| 20° | 119339 | 131186 | 143774 | 131186 |
| 25° | 119969 | 130925 | 141462 | 130925 |
| 30° | 117000 | 126130 | 128398 | 126130 |
| 35° | 107019 | 110030 | 104395 | 110030 |
| 40° | 98256 | 76539 | 79928 | 76539 |
| 45° | 87305 | 46692 | 54027 | 46692 |
| 50° | 73897 | 31192 | 34636 | 31192 |
| 55° | 61202 | 21284 | 22494 | 21284 |
| 60° | 46680 | 14166 | 14296 | 14166 |
| 65° | 33075 | 8829 | 8085 | 8829 |
| 70° | 23856 | 5914 | 5364 | 5914 |
| 75° | 15143 | 2943 | 2442 | 2943 |
| 80° | 10566 | 2184 | 1811 | 2184 |
| 85° | 9447 | 0 | 708 | 0 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 399.8 | 5.7 |
| 10°-20° | 1157.9 | 16.4 |
| 20°-30° | 1753.2 | 24.8 |
| 30°-40° | 1757.2 | 24.8 |
| 40°-50° | 1103.4 | 15.6 |
| 50°-60° | 588.0 | 8.3 |
| 60°-70° | 241.8 | 3.4 |
| 70°-80° | 63.9 | 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° | 3310.9 | 46.8 |
| 0°-40° | 5068.1 | 71.6 |
| 0°-60° | 6759.5 | 95.5 |
| 0°-90° | 7076.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 7076.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 4201 | 4201 | 4201 | 4201 | 4201 | |
| 5° | 4074 | 4195 | 4344 | 4195 | 4074 | 384 |
| 15° | 3764 | 4086 | 4492 | 4086 | 3764 | 1065 |
| 25° | 3526 | 3848 | 4158 | 3848 | 3526 | 1617 |
| 35° | 2843 | 2923 | 2773 | 2923 | 2843 | 1781 |
| 45° | 2002 | 1071 | 1239 | 1071 | 2002 | 1540 |
| 55° | 1138 | 396 | 418 | 396 | 1138 | 1015 |
| 65° | 453 | 121 | 111 | 121 | 453 | 470 |
| 75° | 127 | 25 | 20 | 25 | 127 | 144 |
| 85° | 27 | 0 | 2 | 0 | 27 | 29 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P248715

CATALOG NUMBER: LD8B80D010 ER8B80935 8LBSW0WMH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 |
| 2.5° | 4157.7 | 4153.6 | 4151.6 | 4155.7 | 4157.7 | 4165.9 | 4163.9 | 4168.0 | 4168.0 | 4170.1 | 4174.1 |
| 5° | 4073.6 | 4071.5 | 4073.6 | 4073.6 | 4081.8 | 4090.0 | 4088.0 | 4094.2 | 4098.2 | 4108.5 | 4112.6 |
| 7.5° | 3995.7 | 3995.7 | 3993.6 | 4001.8 | 4005.9 | 4018.3 | 4016.2 | 4026.5 | 4032.6 | 4042.8 | 4057.2 |
| 10° | 3915.7 | 3915.7 | 3917.7 | 3923.9 | 3926.0 | 3944.4 | 3944.4 | 3958.7 | 3966.9 | 3977.2 | 3995.7 |
| 12.5° | 3837.8 | 3837.8 | 3850.1 | 3845.9 | 3854.1 | 3868.5 | 3874.7 | 3889.0 | 3901.3 | 3921.8 | 3940.3 |
| 15° | 3763.9 | 3763.9 | 3768.0 | 3778.2 | 3784.4 | 3802.9 | 3813.1 | 3829.6 | 3843.9 | 3864.4 | 3891.1 |
| 17.5° | 3700.3 | 3698.3 | 3700.3 | 3712.6 | 3725.0 | 3741.3 | 3749.5 | 3770.0 | 3784.4 | 3811.1 | 3835.7 |
| 20° | 3636.7 | 3640.9 | 3640.9 | 3651.1 | 3659.3 | 3679.8 | 3688.0 | 3710.6 | 3727.0 | 3751.6 | 3780.3 |
| 22.5° | 3581.3 | 3579.3 | 3579.3 | 3593.7 | 3599.8 | 3618.2 | 3626.4 | 3646.9 | 3665.4 | 3686.0 | 3712.6 |
| 25° | 3526.0 | 3521.8 | 3530.1 | 3532.1 | 3536.2 | 3556.7 | 3562.9 | 3577.2 | 3595.7 | 3614.2 | 3640.9 |
| 27.5° | 3443.9 | 3439.8 | 3441.9 | 3450.1 | 3456.2 | 3472.6 | 3476.7 | 3491.1 | 3505.4 | 3521.8 | 3544.5 |
| 30° | 3285.9 | 3281.9 | 3279.9 | 3294.2 | 3300.4 | 3312.6 | 3318.8 | 3343.4 | 3347.5 | 3366.0 | 3382.4 |
| 32.5° | 3076.7 | 3074.7 | 3078.8 | 3091.1 | 3097.2 | 3113.7 | 3121.9 | 3136.2 | 3146.5 | 3156.8 | 3173.1 |
| 35° | 2842.9 | 2838.8 | 2842.9 | 2855.3 | 2855.3 | 2869.6 | 2875.8 | 2881.9 | 2879.8 | 2881.9 | 2877.8 |
| 37.5° | 2625.5 | 2623.4 | 2625.5 | 2631.6 | 2625.5 | 2631.6 | 2625.5 | 2613.2 | 2590.7 | 2566.0 | 2541.4 |
| 40° | 2440.9 | 2442.9 | 2430.7 | 2438.9 | 2416.2 | 2412.2 | 2389.6 | 2358.8 | 2313.7 | 2264.5 | 2194.8 |
| 42.5° | 2244.0 | 2237.8 | 2229.7 | 2233.7 | 2215.3 | 2200.9 | 2164.0 | 2125.1 | 2067.6 | 1985.6 | 1901.4 |
| 45° | 2002.0 | 1999.9 | 1995.8 | 1993.8 | 1981.4 | 1967.1 | 1936.3 | 1891.2 | 1827.6 | 1743.5 | 1643.0 |
| 47.5° | 1766.1 | 1759.9 | 1759.9 | 1761.9 | 1747.6 | 1745.5 | 1720.9 | 1682.0 | 1626.6 | 1544.5 | 1439.9 |
| 50° | 1540.4 | 1538.4 | 1542.5 | 1550.7 | 1540.4 | 1536.3 | 1520.0 | 1493.3 | 1444.1 | 1374.3 | 1275.8 |
| 52.5° | 1337.3 | 1335.3 | 1339.4 | 1349.7 | 1345.5 | 1349.7 | 1333.3 | 1312.8 | 1279.9 | 1212.2 | 1126.1 |
| 55° | 1138.4 | 1138.4 | 1138.4 | 1150.7 | 1150.7 | 1150.7 | 1142.5 | 1130.2 | 1099.4 | 1050.2 | 970.2 |
| 57.5° | 931.2 | 933.3 | 945.6 | 947.6 | 945.6 | 949.7 | 947.6 | 935.3 | 914.9 | 880.0 | 818.4 |
| 60° | 756.9 | 756.9 | 763.1 | 769.2 | 767.1 | 769.2 | 769.2 | 763.1 | 742.5 | 713.8 | 664.6 |
| 62.5° | 598.9 | 605.1 | 601.0 | 605.1 | 613.3 | 605.1 | 601.0 | 596.9 | 582.6 | 564.1 | 523.0 |
| 65° | 453.3 | 457.4 | 457.4 | 459.5 | 455.3 | 457.4 | 449.2 | 443.1 | 434.9 | 414.4 | 387.7 |
| 67.5° | 344.6 | 344.6 | 344.6 | 344.6 | 342.5 | 340.5 | 338.5 | 332.3 | 318.0 | 309.8 | 281.0 |
| 70° | 264.6 | 252.3 | 252.3 | 252.3 | 252.3 | 254.4 | 248.2 | 240.0 | 235.9 | 221.5 | 201.0 |
| 72.5° | 176.4 | 180.5 | 176.4 | 176.4 | 172.3 | 174.3 | 166.2 | 162.0 | 158.0 | 149.8 | 137.4 |
| 75° | 127.1 | 116.9 | 121.0 | 123.1 | 116.9 | 121.0 | 112.8 | 104.6 | 104.6 | 98.4 | 92.3 |
| 77.5° | 82.1 | 80.0 | 82.1 | 84.1 | 82.1 | 80.0 | 75.9 | 71.8 | 71.8 | 69.7 | 63.6 |
| 80° | 59.5 | 57.4 | 57.4 | 57.4 | 55.4 | 57.4 | 53.4 | 53.4 | 49.2 | 47.2 | 43.1 |
| 82.5° | 39.0 | 39.0 | 36.9 | 39.0 | 36.9 | 39.0 | 32.8 | 32.8 | 32.8 | 30.7 | 26.7 |
| 85° | 26.7 | 22.5 | 22.5 | 24.7 | 20.5 | 24.7 | 22.5 | 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: P248715

CATALOG NUMBER: LD8B80D010 ER8B80935 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 |
| 2.5° | 4180.3 | 4182.3 | 4182.3 | 4190.6 | 4194.6 | 4196.7 | 4196.7 | 4213.1 | 4207.0 | 4211.1 | 4215.1 |
| 5° | 4120.8 | 4133.1 | 4137.2 | 4137.2 | 4159.8 | 4168.0 | 4176.1 | 4194.6 | 4196.7 | 4209.0 | 4223.3 |
| 7.5° | 4063.3 | 4077.7 | 4086.0 | 4104.4 | 4118.7 | 4133.1 | 4157.7 | 4170.1 | 4182.3 | 4198.8 | 4217.2 |
| 10° | 4008.0 | 4024.4 | 4040.8 | 4055.2 | 4077.7 | 4096.2 | 4112.6 | 4141.3 | 4155.7 | 4178.3 | 4202.8 |
| 12.5° | 3954.7 | 3977.2 | 3991.6 | 4016.2 | 4040.8 | 4057.2 | 4081.8 | 4108.5 | 4131.1 | 4153.6 | 4182.3 |
| 15° | 3907.5 | 3934.2 | 3950.6 | 3977.2 | 4003.9 | 4026.5 | 4053.1 | 4086.0 | 4102.4 | 4129.0 | 4155.7 |
| 17.5° | 3856.2 | 3885.0 | 3905.5 | 3930.0 | 3962.9 | 3987.4 | 4010.1 | 4042.8 | 4063.3 | 4092.1 | 4122.9 |
| 20° | 3802.9 | 3831.6 | 3856.2 | 3880.8 | 3913.7 | 3938.2 | 3964.9 | 3997.7 | 4020.3 | 4049.0 | 4073.6 |
| 22.5° | 3739.3 | 3766.0 | 3792.6 | 3821.3 | 3854.1 | 3874.7 | 3905.5 | 3934.2 | 3958.7 | 3985.4 | 4010.1 |
| 25° | 3657.2 | 3690.1 | 3710.6 | 3737.2 | 3763.9 | 3786.4 | 3819.3 | 3848.0 | 3868.5 | 3893.1 | 3915.7 |
| 27.5° | 3560.8 | 3585.5 | 3601.9 | 3624.4 | 3651.1 | 3671.6 | 3696.2 | 3725.0 | 3745.5 | 3768.0 | 3784.4 |
| 30° | 3396.7 | 3419.3 | 3433.7 | 3450.1 | 3476.7 | 3495.2 | 3515.7 | 3542.3 | 3556.7 | 3573.2 | 3587.5 |
| 32.5° | 3181.3 | 3199.8 | 3208.0 | 3220.3 | 3238.8 | 3257.2 | 3273.7 | 3296.2 | 3302.4 | 3312.6 | 3312.6 |
| 35° | 2869.6 | 2873.7 | 2871.6 | 2875.8 | 2884.0 | 2894.2 | 2908.5 | 2922.9 | 2931.1 | 2931.1 | 2925.0 |
| 37.5° | 2504.5 | 2479.9 | 2453.2 | 2432.7 | 2426.5 | 2422.4 | 2430.7 | 2436.8 | 2445.0 | 2449.1 | 2438.9 |
| 40° | 2125.1 | 2069.7 | 2010.1 | 1956.8 | 1919.9 | 1903.5 | 1897.3 | 1901.4 | 1901.4 | 1915.8 | 1915.8 |
| 42.5° | 1798.9 | 1712.7 | 1624.6 | 1544.5 | 1491.2 | 1450.2 | 1431.7 | 1431.7 | 1433.8 | 1444.1 | 1450.2 |
| 45° | 1528.1 | 1419.4 | 1316.8 | 1228.7 | 1154.8 | 1101.4 | 1076.9 | 1070.7 | 1068.7 | 1072.7 | 1087.1 |
| 47.5° | 1321.0 | 1208.2 | 1101.4 | 992.8 | 914.9 | 861.5 | 839.0 | 830.7 | 822.5 | 830.7 | 832.8 |
| 50° | 1158.9 | 1042.0 | 929.2 | 820.5 | 738.4 | 691.2 | 662.5 | 650.2 | 648.2 | 648.2 | 652.3 |
| 52.5° | 1011.2 | 902.5 | 789.7 | 679.0 | 592.8 | 547.7 | 521.0 | 514.8 | 506.7 | 514.8 | 514.8 |
| 55° | 871.7 | 763.1 | 652.3 | 547.7 | 475.8 | 428.7 | 404.1 | 395.9 | 391.7 | 397.9 | 397.9 |
| 57.5° | 720.0 | 627.6 | 525.1 | 430.8 | 359.0 | 326.1 | 307.7 | 297.4 | 295.3 | 299.5 | 295.3 |
| 60° | 590.7 | 512.8 | 424.6 | 338.5 | 283.1 | 248.2 | 233.9 | 229.7 | 225.6 | 229.7 | 229.7 |
| 62.5° | 467.6 | 402.0 | 330.2 | 264.6 | 217.4 | 192.8 | 176.4 | 176.4 | 174.3 | 174.3 | 176.4 |
| 65° | 346.7 | 295.3 | 244.1 | 188.7 | 151.8 | 133.3 | 121.0 | 121.0 | 119.0 | 121.0 | 119.0 |
| 67.5° | 252.3 | 217.4 | 176.4 | 137.4 | 108.7 | 98.4 | 90.3 | 84.1 | 88.2 | 84.1 | 82.1 |
| 70° | 184.6 | 155.9 | 127.1 | 104.6 | 84.1 | 73.9 | 67.7 | 65.6 | 61.5 | 61.5 | 61.5 |
| 72.5° | 123.1 | 104.6 | 86.1 | 67.7 | 55.4 | 45.1 | 43.1 | 39.0 | 34.9 | 36.9 | 41.0 |
| 75° | 82.1 | 69.7 | 61.5 | 49.2 | 36.9 | 36.9 | 24.7 | 24.7 | 20.5 | 24.7 | 18.5 |
| 77.5° | 57.4 | 47.2 | 36.9 | 30.7 | 24.7 | 22.5 | 16.4 | 16.4 | 14.4 | 14.4 | 14.4 |
| 80° | 41.0 | 34.9 | 26.7 | 22.5 | 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: P248715

CATALOG NUMBER: LD8B80D010 ER8B80935 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 |
| 2.5° | 4225.5 | 4223.3 | 4227.5 | 4227.5 | 4239.8 | 4237.7 | 4243.9 | 4243.9 | 4239.8 | 4241.8 | 4250.0 |
| 5° | 4239.8 | 4246.0 | 4258.2 | 4268.5 | 4286.9 | 4295.2 | 4305.4 | 4315.7 | 4317.7 | 4323.9 | 4330.1 |
| 7.5° | 4239.8 | 4260.3 | 4274.7 | 4293.1 | 4317.7 | 4332.1 | 4354.6 | 4373.1 | 4381.3 | 4391.5 | 4403.8 |
| 10° | 4231.5 | 4252.0 | 4278.7 | 4299.2 | 4330.1 | 4352.6 | 4375.1 | 4403.8 | 4416.2 | 4432.6 | 4449.0 |
| 12.5° | 4215.1 | 4237.7 | 4266.4 | 4293.1 | 4327.9 | 4348.5 | 4377.2 | 4403.8 | 4422.3 | 4444.9 | 4463.4 |
| 15° | 4190.6 | 4217.2 | 4243.9 | 4270.5 | 4307.4 | 4332.1 | 4358.8 | 4389.5 | 4408.0 | 4432.6 | 4449.0 |
| 17.5° | 4151.6 | 4180.3 | 4204.9 | 4229.5 | 4264.4 | 4293.1 | 4317.7 | 4346.4 | 4364.9 | 4385.4 | 4408.0 |
| 20° | 4104.4 | 4131.1 | 4157.7 | 4178.3 | 4213.1 | 4237.7 | 4264.4 | 4291.1 | 4305.4 | 4309.5 | 4344.4 |
| 22.5° | 4044.9 | 4063.3 | 4083.9 | 4116.7 | 4137.2 | 4159.8 | 4184.4 | 4209.0 | 4223.3 | 4246.0 | 4258.2 |
| 25° | 3946.4 | 3964.9 | 3987.4 | 4001.8 | 4026.5 | 4044.9 | 4069.5 | 4096.2 | 4104.4 | 4120.8 | 4133.1 |
| 27.5° | 3809.1 | 3819.3 | 3829.6 | 3841.8 | 3856.2 | 3866.5 | 3880.8 | 3893.1 | 3901.3 | 3909.5 | 3917.7 |
| 30° | 3591.6 | 3591.6 | 3591.6 | 3583.4 | 3589.5 | 3595.7 | 3597.7 | 3595.7 | 3595.7 | 3593.7 | 3593.7 |
| 32.5° | 3304.4 | 3288.0 | 3269.6 | 3253.2 | 3247.0 | 3238.8 | 3234.7 | 3228.5 | 3218.3 | 3212.1 | 3214.2 |
| 35° | 2916.7 | 2879.8 | 2857.3 | 2836.8 | 2820.4 | 2808.1 | 2801.9 | 2795.7 | 2793.7 | 2785.5 | 2777.3 |
| 37.5° | 2432.7 | 2406.0 | 2389.6 | 2377.3 | 2363.0 | 2350.6 | 2352.7 | 2354.8 | 2360.9 | 2356.8 | 2358.8 |
| 40° | 1919.9 | 1913.7 | 1919.9 | 1905.5 | 1901.4 | 1905.5 | 1915.8 | 1930.2 | 1938.4 | 1946.6 | 1960.9 |
| 42.5° | 1460.4 | 1470.7 | 1485.1 | 1485.1 | 1491.2 | 1499.4 | 1511.7 | 1534.3 | 1546.6 | 1560.9 | 1577.4 |
| 45° | 1099.4 | 1111.7 | 1130.2 | 1136.3 | 1140.5 | 1150.7 | 1165.1 | 1183.5 | 1191.7 | 1204.0 | 1218.4 |
| 47.5° | 847.2 | 855.3 | 865.6 | 875.9 | 886.1 | 890.2 | 904.6 | 904.6 | 914.9 | 923.1 | 927.1 |
| 50° | 660.5 | 668.7 | 676.9 | 683.0 | 687.2 | 693.3 | 697.4 | 703.5 | 705.6 | 709.7 | 711.7 |
| 52.5° | 516.9 | 527.2 | 527.2 | 531.2 | 537.4 | 543.5 | 541.5 | 543.5 | 545.6 | 545.6 | 551.7 |
| 55° | 404.1 | 404.1 | 410.2 | 410.2 | 414.4 | 412.3 | 414.4 | 414.4 | 414.4 | 414.4 | 416.4 |
| 57.5° | 301.5 | 303.6 | 309.8 | 305.6 | 303.6 | 307.7 | 303.6 | 307.7 | 305.6 | 309.8 | 303.6 |
| 60° | 231.8 | 231.8 | 233.9 | 233.9 | 235.9 | 235.9 | 235.9 | 233.9 | 233.9 | 231.8 | 231.8 |
| 62.5° | 174.3 | 176.4 | 178.5 | 176.4 | 176.4 | 176.4 | 174.3 | 174.3 | 172.3 | 170.2 | 170.2 |
| 65° | 116.9 | 114.9 | 119.0 | 114.9 | 116.9 | 116.9 | 114.9 | 116.9 | 110.8 | 112.8 | 110.8 |
| 67.5° | 84.1 | 82.1 | 80.0 | 82.1 | 80.0 | 77.9 | 77.9 | 80.0 | 82.1 | 75.9 | 75.9 |
| 70° | 55.4 | 57.4 | 55.4 | 57.4 | 59.5 | 59.5 | 57.4 | 55.4 | 57.4 | 53.4 | 55.4 |
| 72.5° | 34.9 | 34.9 | 34.9 | 34.9 | 34.9 | 36.9 | 36.9 | 36.9 | 32.8 | 32.8 | 30.7 |
| 75° | 16.4 | 22.5 | 18.5 | 16.4 | 22.5 | 22.5 | 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: P248715

CATALOG NUMBER: LD8B80D010 ER8B80935 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 |
| 2.5° | 4248.0 | 4246.0 | 4248.0 | 4250.0 | 4248.0 | 4246.0 | 4248.0 | 4250.0 | 4241.8 | 4239.8 | 4243.9 |
| 5° | 4338.2 | 4338.2 | 4342.3 | 4344.4 | 4342.3 | 4338.2 | 4338.2 | 4330.1 | 4323.9 | 4317.7 | 4315.7 |
| 7.5° | 4416.2 | 4420.3 | 4424.4 | 4426.4 | 4424.4 | 4420.3 | 4416.2 | 4403.8 | 4391.5 | 4381.3 | 4373.1 |
| 10° | 4463.4 | 4469.5 | 4477.7 | 4481.8 | 4477.7 | 4469.5 | 4463.4 | 4449.0 | 4432.6 | 4416.2 | 4403.8 |
| 12.5° | 4483.9 | 4490.0 | 4500.3 | 4498.2 | 4500.3 | 4490.0 | 4483.9 | 4463.4 | 4444.9 | 4422.3 | 4403.8 |
| 15° | 4469.5 | 4477.7 | 4487.9 | 4492.1 | 4487.9 | 4477.7 | 4469.5 | 4449.0 | 4432.6 | 4408.0 | 4389.5 |
| 17.5° | 4424.4 | 4436.7 | 4442.9 | 4449.0 | 4442.9 | 4436.7 | 4424.4 | 4408.0 | 4385.4 | 4364.9 | 4346.4 |
| 20° | 4362.8 | 4371.1 | 4379.3 | 4381.3 | 4379.3 | 4371.1 | 4362.8 | 4344.4 | 4309.5 | 4305.4 | 4291.1 |
| 22.5° | 4274.7 | 4280.8 | 4299.2 | 4293.1 | 4299.2 | 4280.8 | 4274.7 | 4258.2 | 4246.0 | 4223.3 | 4209.0 |
| 25° | 4147.4 | 4153.6 | 4155.7 | 4157.7 | 4155.7 | 4153.6 | 4147.4 | 4133.1 | 4120.8 | 4104.4 | 4096.2 |
| 27.5° | 3928.0 | 3928.0 | 3932.1 | 3934.2 | 3932.1 | 3928.0 | 3928.0 | 3917.7 | 3909.5 | 3901.3 | 3893.1 |
| 30° | 3595.7 | 3595.7 | 3595.7 | 3606.0 | 3595.7 | 3595.7 | 3595.7 | 3593.7 | 3593.7 | 3595.7 | 3595.7 |
| 32.5° | 3212.1 | 3208.0 | 3204.0 | 3208.0 | 3204.0 | 3208.0 | 3212.1 | 3214.2 | 3212.1 | 3218.3 | 3228.5 |
| 35° | 2777.3 | 2775.2 | 2781.4 | 2773.2 | 2781.4 | 2775.2 | 2777.3 | 2777.3 | 2785.5 | 2793.7 | 2795.7 |
| 37.5° | 2360.9 | 2356.8 | 2365.0 | 2356.8 | 2365.0 | 2356.8 | 2360.9 | 2358.8 | 2356.8 | 2360.9 | 2354.8 |
| 40° | 1965.1 | 1969.1 | 1969.1 | 1985.6 | 1969.1 | 1969.1 | 1965.1 | 1960.9 | 1946.6 | 1938.4 | 1930.2 |
| 42.5° | 1585.6 | 1597.9 | 1593.7 | 1606.1 | 1593.7 | 1597.9 | 1585.6 | 1577.4 | 1560.9 | 1546.6 | 1534.3 |
| 45° | 1226.6 | 1234.8 | 1234.8 | 1238.9 | 1234.8 | 1234.8 | 1226.6 | 1218.4 | 1204.0 | 1191.7 | 1183.5 |
| 47.5° | 941.5 | 941.5 | 941.5 | 943.6 | 941.5 | 941.5 | 941.5 | 927.1 | 923.1 | 914.9 | 904.6 |
| 50° | 715.9 | 717.9 | 720.0 | 722.0 | 720.0 | 717.9 | 715.9 | 711.7 | 709.7 | 705.6 | 703.5 |
| 52.5° | 549.7 | 551.7 | 547.7 | 551.7 | 547.7 | 551.7 | 549.7 | 551.7 | 545.6 | 545.6 | 543.5 |
| 55° | 416.4 | 414.4 | 416.4 | 418.4 | 416.4 | 414.4 | 416.4 | 416.4 | 414.4 | 414.4 | 414.4 |
| 57.5° | 305.6 | 301.5 | 301.5 | 301.5 | 301.5 | 301.5 | 305.6 | 303.6 | 309.8 | 305.6 | 307.7 |
| 60° | 227.7 | 229.7 | 229.7 | 231.8 | 229.7 | 229.7 | 227.7 | 231.8 | 231.8 | 233.9 | 233.9 |
| 62.5° | 168.2 | 174.3 | 170.2 | 174.3 | 170.2 | 174.3 | 168.2 | 170.2 | 170.2 | 172.3 | 174.3 |
| 65° | 108.7 | 108.7 | 108.7 | 110.8 | 108.7 | 108.7 | 108.7 | 110.8 | 112.8 | 110.8 | 116.9 |
| 67.5° | 73.9 | 75.9 | 80.0 | 77.9 | 80.0 | 75.9 | 73.9 | 75.9 | 75.9 | 82.1 | 80.0 |
| 70° | 59.5 | 53.4 | 53.4 | 59.5 | 53.4 | 53.4 | 59.5 | 55.4 | 53.4 | 57.4 | 55.4 |
| 72.5° | 34.9 | 30.7 | 34.9 | 34.9 | 34.9 | 30.7 | 34.9 | 30.7 | 32.8 | 32.8 | 36.9 |
| 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: P248715

CATALOG NUMBER: LD8B80D010 ER8B80935 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 |
| 2.5° | 4243.9 | 4237.7 | 4239.8 | 4227.5 | 4227.5 | 4223.3 | 4225.5 | 4215.1 | 4211.1 | 4207.0 | 4213.1 |
| 5° | 4305.4 | 4295.2 | 4286.9 | 4268.5 | 4258.2 | 4246.0 | 4239.8 | 4223.3 | 4209.0 | 4196.7 | 4194.6 |
| 7.5° | 4354.6 | 4332.1 | 4317.7 | 4293.1 | 4274.7 | 4260.3 | 4239.8 | 4217.2 | 4198.8 | 4182.3 | 4170.1 |
| 10° | 4375.1 | 4352.6 | 4330.1 | 4299.2 | 4278.7 | 4252.0 | 4231.5 | 4202.8 | 4178.3 | 4155.7 | 4141.3 |
| 12.5° | 4377.2 | 4348.5 | 4327.9 | 4293.1 | 4266.4 | 4237.7 | 4215.1 | 4182.3 | 4153.6 | 4131.1 | 4108.5 |
| 15° | 4358.8 | 4332.1 | 4307.4 | 4270.5 | 4243.9 | 4217.2 | 4190.6 | 4155.7 | 4129.0 | 4102.4 | 4086.0 |
| 17.5° | 4317.7 | 4293.1 | 4264.4 | 4229.5 | 4204.9 | 4180.3 | 4151.6 | 4122.9 | 4092.1 | 4063.3 | 4042.8 |
| 20° | 4264.4 | 4237.7 | 4213.1 | 4178.3 | 4157.7 | 4131.1 | 4104.4 | 4073.6 | 4049.0 | 4020.3 | 3997.7 |
| 22.5° | 4184.4 | 4159.8 | 4137.2 | 4116.7 | 4083.9 | 4063.3 | 4044.9 | 4010.1 | 3985.4 | 3958.7 | 3934.2 |
| 25° | 4069.5 | 4044.9 | 4026.5 | 4001.8 | 3987.4 | 3964.9 | 3946.4 | 3915.7 | 3893.1 | 3868.5 | 3848.0 |
| 27.5° | 3880.8 | 3866.5 | 3856.2 | 3841.8 | 3829.6 | 3819.3 | 3809.1 | 3784.4 | 3768.0 | 3745.5 | 3725.0 |
| 30° | 3597.7 | 3595.7 | 3589.5 | 3583.4 | 3591.6 | 3591.6 | 3591.6 | 3587.5 | 3573.2 | 3556.7 | 3542.3 |
| 32.5° | 3234.7 | 3238.8 | 3247.0 | 3253.2 | 3269.6 | 3288.0 | 3304.4 | 3312.6 | 3312.6 | 3302.4 | 3296.2 |
| 35° | 2801.9 | 2808.1 | 2820.4 | 2836.8 | 2857.3 | 2879.8 | 2916.7 | 2925.0 | 2931.1 | 2931.1 | 2922.9 |
| 37.5° | 2352.7 | 2350.6 | 2363.0 | 2377.3 | 2389.6 | 2406.0 | 2432.7 | 2438.9 | 2449.1 | 2445.0 | 2436.8 |
| 40° | 1915.8 | 1905.5 | 1901.4 | 1905.5 | 1919.9 | 1913.7 | 1919.9 | 1915.8 | 1915.8 | 1901.4 | 1901.4 |
| 42.5° | 1511.7 | 1499.4 | 1491.2 | 1485.1 | 1485.1 | 1470.7 | 1460.4 | 1450.2 | 1444.1 | 1433.8 | 1431.7 |
| 45° | 1165.1 | 1150.7 | 1140.5 | 1136.3 | 1130.2 | 1111.7 | 1099.4 | 1087.1 | 1072.7 | 1068.7 | 1070.7 |
| 47.5° | 904.6 | 890.2 | 886.1 | 875.9 | 865.6 | 855.3 | 847.2 | 832.8 | 830.7 | 822.5 | 830.7 |
| 50° | 697.4 | 693.3 | 687.2 | 683.0 | 676.9 | 668.7 | 660.5 | 652.3 | 648.2 | 648.2 | 650.2 |
| 52.5° | 541.5 | 543.5 | 537.4 | 531.2 | 527.2 | 527.2 | 516.9 | 514.8 | 514.8 | 506.7 | 514.8 |
| 55° | 414.4 | 412.3 | 414.4 | 410.2 | 410.2 | 404.1 | 404.1 | 397.9 | 397.9 | 391.7 | 395.9 |
| 57.5° | 303.6 | 307.7 | 303.6 | 305.6 | 309.8 | 303.6 | 301.5 | 295.3 | 299.5 | 295.3 | 297.4 |
| 60° | 235.9 | 235.9 | 235.9 | 233.9 | 233.9 | 231.8 | 231.8 | 229.7 | 229.7 | 225.6 | 229.7 |
| 62.5° | 174.3 | 176.4 | 176.4 | 176.4 | 178.5 | 176.4 | 174.3 | 176.4 | 174.3 | 174.3 | 176.4 |
| 65° | 114.9 | 116.9 | 116.9 | 114.9 | 119.0 | 114.9 | 116.9 | 119.0 | 121.0 | 119.0 | 121.0 |
| 67.5° | 77.9 | 77.9 | 80.0 | 82.1 | 80.0 | 82.1 | 84.1 | 82.1 | 84.1 | 88.2 | 84.1 |
| 70° | 57.4 | 59.5 | 59.5 | 57.4 | 55.4 | 57.4 | 55.4 | 61.5 | 61.5 | 61.5 | 65.6 |
| 72.5° | 36.9 | 36.9 | 34.9 | 34.9 | 34.9 | 34.9 | 34.9 | 41.0 | 36.9 | 34.9 | 39.0 |
| 75° | 20.5 | 22.5 | 22.5 | 16.4 | 18.5 | 22.5 | 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: P248715

CATALOG NUMBER: LD8B80D010 ER8B80935 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 |
| 2.5° | 4196.7 | 4196.7 | 4194.6 | 4190.6 | 4182.3 | 4182.3 | 4180.3 | 4174.1 | 4170.1 | 4168.0 | 4168.0 |
| 5° | 4176.1 | 4168.0 | 4159.8 | 4137.2 | 4137.2 | 4133.1 | 4120.8 | 4112.6 | 4108.5 | 4098.2 | 4094.2 |
| 7.5° | 4157.7 | 4133.1 | 4118.7 | 4104.4 | 4086.0 | 4077.7 | 4063.3 | 4057.2 | 4042.8 | 4032.6 | 4026.5 |
| 10° | 4112.6 | 4096.2 | 4077.7 | 4055.2 | 4040.8 | 4024.4 | 4008.0 | 3995.7 | 3977.2 | 3966.9 | 3958.7 |
| 12.5° | 4081.8 | 4057.2 | 4040.8 | 4016.2 | 3991.6 | 3977.2 | 3954.7 | 3940.3 | 3921.8 | 3901.3 | 3889.0 |
| 15° | 4053.1 | 4026.5 | 4003.9 | 3977.2 | 3950.6 | 3934.2 | 3907.5 | 3891.1 | 3864.4 | 3843.9 | 3829.6 |
| 17.5° | 4010.1 | 3987.4 | 3962.9 | 3930.0 | 3905.5 | 3885.0 | 3856.2 | 3835.7 | 3811.1 | 3784.4 | 3770.0 |
| 20° | 3964.9 | 3938.2 | 3913.7 | 3880.8 | 3856.2 | 3831.6 | 3802.9 | 3780.3 | 3751.6 | 3727.0 | 3710.6 |
| 22.5° | 3905.5 | 3874.7 | 3854.1 | 3821.3 | 3792.6 | 3766.0 | 3739.3 | 3712.6 | 3686.0 | 3665.4 | 3646.9 |
| 25° | 3819.3 | 3786.4 | 3763.9 | 3737.2 | 3710.6 | 3690.1 | 3657.2 | 3640.9 | 3614.2 | 3595.7 | 3577.2 |
| 27.5° | 3696.2 | 3671.6 | 3651.1 | 3624.4 | 3601.9 | 3585.5 | 3560.8 | 3544.5 | 3521.8 | 3505.4 | 3491.1 |
| 30° | 3515.7 | 3495.2 | 3476.7 | 3450.1 | 3433.7 | 3419.3 | 3396.7 | 3382.4 | 3366.0 | 3347.5 | 3343.4 |
| 32.5° | 3273.7 | 3257.2 | 3238.8 | 3220.3 | 3208.0 | 3199.8 | 3181.3 | 3173.1 | 3156.8 | 3146.5 | 3136.2 |
| 35° | 2908.5 | 2894.2 | 2884.0 | 2875.8 | 2871.6 | 2873.7 | 2869.6 | 2877.8 | 2881.9 | 2879.8 | 2881.9 |
| 37.5° | 2430.7 | 2422.4 | 2426.5 | 2432.7 | 2453.2 | 2479.9 | 2504.5 | 2541.4 | 2566.0 | 2590.7 | 2613.2 |
| 40° | 1897.3 | 1903.5 | 1919.9 | 1956.8 | 2010.1 | 2069.7 | 2125.1 | 2194.8 | 2264.5 | 2313.7 | 2358.8 |
| 42.5° | 1431.7 | 1450.2 | 1491.2 | 1544.5 | 1624.6 | 1712.7 | 1798.9 | 1901.4 | 1985.6 | 2067.6 | 2125.1 |
| 45° | 1076.9 | 1101.4 | 1154.8 | 1228.7 | 1316.8 | 1419.4 | 1528.1 | 1643.0 | 1743.5 | 1827.6 | 1891.2 |
| 47.5° | 839.0 | 861.5 | 914.9 | 992.8 | 1101.4 | 1208.2 | 1321.0 | 1439.9 | 1544.5 | 1626.6 | 1682.0 |
| 50° | 662.5 | 691.2 | 738.4 | 820.5 | 929.2 | 1042.0 | 1158.9 | 1275.8 | 1374.3 | 1444.1 | 1493.3 |
| 52.5° | 521.0 | 547.7 | 592.8 | 679.0 | 789.7 | 902.5 | 1011.2 | 1126.1 | 1212.2 | 1279.9 | 1312.8 |
| 55° | 404.1 | 428.7 | 475.8 | 547.7 | 652.3 | 763.1 | 871.7 | 970.2 | 1050.2 | 1099.4 | 1130.2 |
| 57.5° | 307.7 | 326.1 | 359.0 | 430.8 | 525.1 | 627.6 | 720.0 | 818.4 | 880.0 | 914.9 | 935.3 |
| 60° | 233.9 | 248.2 | 283.1 | 338.5 | 424.6 | 512.8 | 590.7 | 664.6 | 713.8 | 742.5 | 763.1 |
| 62.5° | 176.4 | 192.8 | 217.4 | 264.6 | 330.2 | 402.0 | 467.6 | 523.0 | 564.1 | 582.6 | 596.9 |
| 65° | 121.0 | 133.3 | 151.8 | 188.7 | 244.1 | 295.3 | 346.7 | 387.7 | 414.4 | 434.9 | 443.1 |
| 67.5° | 90.3 | 98.4 | 108.7 | 137.4 | 176.4 | 217.4 | 252.3 | 281.0 | 309.8 | 318.0 | 332.3 |
| 70° | 67.7 | 73.9 | 84.1 | 104.6 | 127.1 | 155.9 | 184.6 | 201.0 | 221.5 | 235.9 | 240.0 |
| 72.5° | 43.1 | 45.1 | 55.4 | 67.7 | 86.1 | 104.6 | 123.1 | 137.4 | 149.8 | 158.0 | 162.0 |
| 75° | 24.7 | 36.9 | 36.9 | 49.2 | 61.5 | 69.7 | 82.1 | 92.3 | 98.4 | 104.6 | 104.6 |
| 77.5° | 16.4 | 22.5 | 24.7 | 30.7 | 36.9 | 47.2 | 57.4 | 63.6 | 69.7 | 71.8 | 71.8 |
| 80° | 14.4 | 16.4 | 16.4 | 22.5 | 26.7 | 34.9 | 41.0 | 43.1 | 47.2 | 49.2 | 53.4 |
| 82.5° | 6.2 | 8.2 | 10.2 | 16.4 | 18.5 | 18.5 | 24.7 | 26.7 | 30.7 | 32.8 | 32.8 |
| 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: P248715

CATALOG NUMBER: LD8B80D010 ER8B80935 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 | 4200.8 |
| 2.5° | 4163.9 | 4165.9 | 4157.7 | 4155.7 | 4151.6 | 4153.6 | 4157.7 |
| 5° | 4088.0 | 4090.0 | 4081.8 | 4073.6 | 4073.6 | 4071.5 | 4073.6 |
| 7.5° | 4016.2 | 4018.3 | 4005.9 | 4001.8 | 3993.6 | 3995.7 | 3995.7 |
| 10° | 3944.4 | 3944.4 | 3926.0 | 3923.9 | 3917.7 | 3915.7 | 3915.7 |
| 12.5° | 3874.7 | 3868.5 | 3854.1 | 3845.9 | 3850.1 | 3837.8 | 3837.8 |
| 15° | 3813.1 | 3802.9 | 3784.4 | 3778.2 | 3768.0 | 3763.9 | 3763.9 |
| 17.5° | 3749.5 | 3741.3 | 3725.0 | 3712.6 | 3700.3 | 3698.3 | 3700.3 |
| 20° | 3688.0 | 3679.8 | 3659.3 | 3651.1 | 3640.9 | 3640.9 | 3636.7 |
| 22.5° | 3626.4 | 3618.2 | 3599.8 | 3593.7 | 3579.3 | 3579.3 | 3581.3 |
| 25° | 3562.9 | 3556.7 | 3536.2 | 3532.1 | 3530.1 | 3521.8 | 3526.0 |
| 27.5° | 3476.7 | 3472.6 | 3456.2 | 3450.1 | 3441.9 | 3439.8 | 3443.9 |
| 30° | 3318.8 | 3312.6 | 3300.4 | 3294.2 | 3279.9 | 3281.9 | 3285.9 |
| 32.5° | 3121.9 | 3113.7 | 3097.2 | 3091.1 | 3078.8 | 3074.7 | 3076.7 |
| 35° | 2875.8 | 2869.6 | 2855.3 | 2855.3 | 2842.9 | 2838.8 | 2842.9 |
| 37.5° | 2625.5 | 2631.6 | 2625.5 | 2631.6 | 2625.5 | 2623.4 | 2625.5 |
| 40° | 2389.6 | 2412.2 | 2416.2 | 2438.9 | 2430.7 | 2442.9 | 2440.9 |
| 42.5° | 2164.0 | 2200.9 | 2215.3 | 2233.7 | 2229.7 | 2237.8 | 2244.0 |
| 45° | 1936.3 | 1967.1 | 1981.4 | 1993.8 | 1995.8 | 1999.9 | 2002.0 |
| 47.5° | 1720.9 | 1745.5 | 1747.6 | 1761.9 | 1759.9 | 1759.9 | 1766.1 |
| 50° | 1520.0 | 1536.3 | 1540.4 | 1550.7 | 1542.5 | 1538.4 | 1540.4 |
| 52.5° | 1333.3 | 1349.7 | 1345.5 | 1349.7 | 1339.4 | 1335.3 | 1337.3 |
| 55° | 1142.5 | 1150.7 | 1150.7 | 1150.7 | 1138.4 | 1138.4 | 1138.4 |
| 57.5° | 947.6 | 949.7 | 945.6 | 947.6 | 945.6 | 933.3 | 931.2 |
| 60° | 769.2 | 769.2 | 767.1 | 769.2 | 763.1 | 756.9 | 756.9 |
| 62.5° | 601.0 | 605.1 | 613.3 | 605.1 | 601.0 | 605.1 | 598.9 |
| 65° | 449.2 | 457.4 | 455.3 | 459.5 | 457.4 | 457.4 | 453.3 |
| 67.5° | 338.5 | 340.5 | 342.5 | 344.6 | 344.6 | 344.6 | 344.6 |
| 70° | 248.2 | 254.4 | 252.3 | 252.3 | 252.3 | 252.3 | 264.6 |
| 72.5° | 166.2 | 174.3 | 172.3 | 176.4 | 176.4 | 180.5 | 176.4 |
| 75° | 112.8 | 121.0 | 116.9 | 123.1 | 121.0 | 116.9 | 127.1 |
| 77.5° | 75.9 | 80.0 | 82.1 | 84.1 | 82.1 | 80.0 | 82.1 |
| 80° | 53.4 | 57.4 | 55.4 | 57.4 | 57.4 | 57.4 | 59.5 |
| 82.5° | 32.8 | 39.0 | 36.9 | 39.0 | 36.9 | 39.0 | 39.0 |
| 85° | 22.5 | 24.7 | 20.5 | 24.7 | 22.5 | 22.5 | 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)