

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: P248628

Luminaire Tested: **LD8B120D010 ER8B120950 8LBSW0H**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P248628
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P13958)
Test Lab: INNOVATION CENTER-P1
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD8B120D010 ER8B120950 8LBSW0H
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT
90 CRI 5000 CCT WITH SEMI-SPECULAR CLEAR TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11371.0 lumens
Efficiency: N/A
Efficacy: 96.1 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

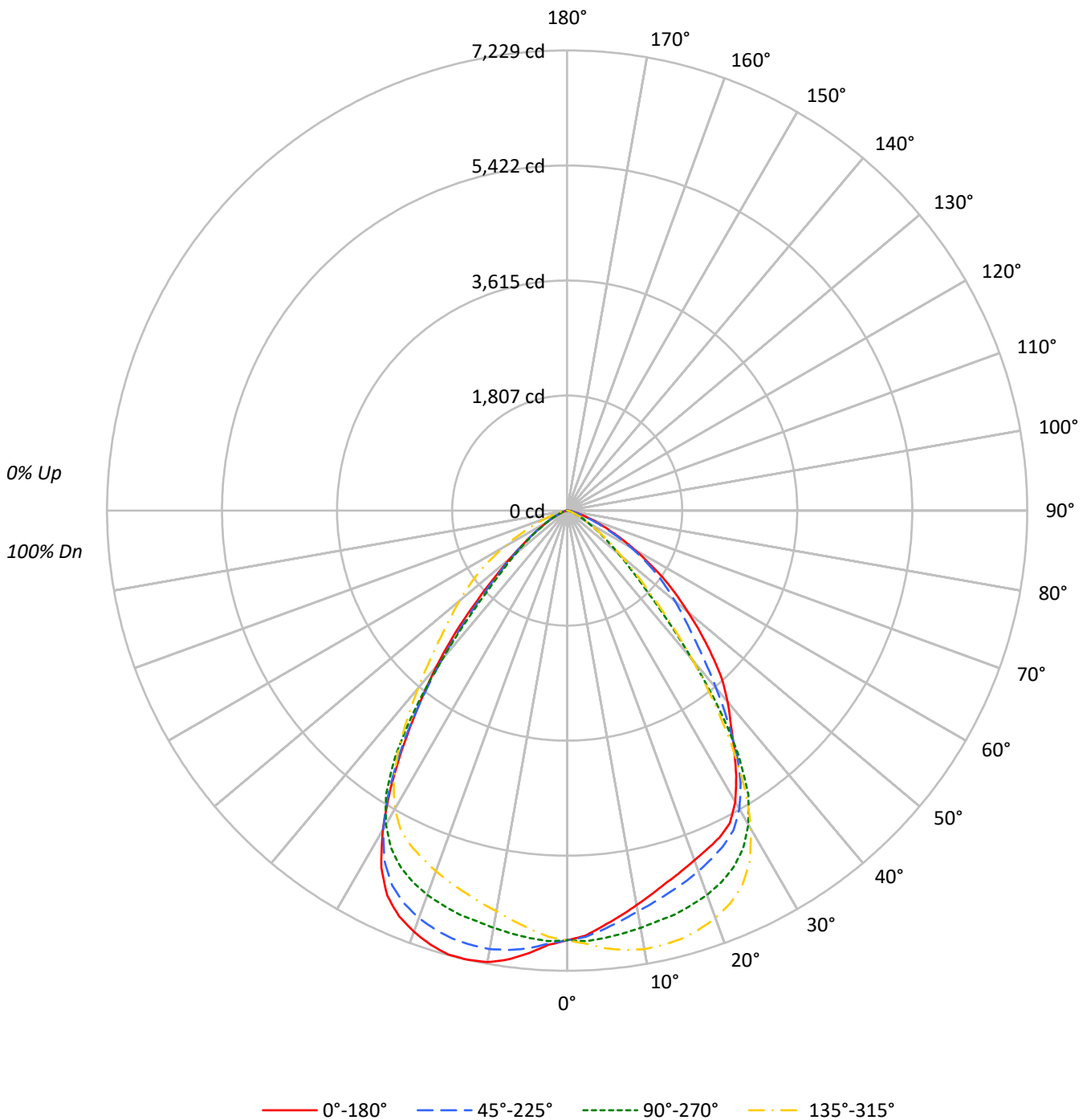
Input Watts (W): 118.3
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P248628

CATALOG NUMBER: LD8B120D010 ER8B120950 8LBSW0H

Luminous Intensity Polar Plot





TEST NUMBER: P248628

CATALOG NUMBER: LD8B120D010 ER8B120950 8LBSW0H

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° | 208164 | 208164 | 208164 | 208164 |
| 5° | 202635 | 208652 | 216103 | 208652 |
| 10° | 197028 | 208381 | 225512 | 208381 |
| 15° | 193093 | 209617 | 230451 | 209617 |
| 20° | 191779 | 210815 | 231043 | 210815 |
| 25° | 192787 | 210391 | 227329 | 210391 |
| 30° | 188018 | 202691 | 206334 | 202691 |
| 35° | 171981 | 176815 | 167761 | 176815 |
| 40° | 157896 | 122996 | 128442 | 122996 |
| 45° | 140295 | 75034 | 86821 | 75034 |
| 50° | 118752 | 50122 | 55663 | 50122 |
| 55° | 98351 | 34203 | 36149 | 34203 |
| 60° | 75012 | 22770 | 22967 | 22770 |
| 65° | 53148 | 14184 | 12988 | 14184 |
| 70° | 38336 | 9503 | 8628 | 9503 |
| 75° | 24341 | 4718 | 3932 | 4718 |
| 80° | 16994 | 3516 | 2912 | 3516 |
| 85° | 15178 | 0 | 1168 | 0 |



TEST NUMBER: P248628

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 642.5 | 5.7 |
| 10°-20° | 1860.6 | 16.4 |
| 20°-30° | 2817.4 | 24.8 |
| 30°-40° | 2823.7 | 24.8 |
| 40°-50° | 1773.2 | 15.6 |
| 50°-60° | 944.9 | 8.3 |
| 60°-70° | 388.6 | 3.4 |
| 70°-80° | 102.7 | 0.9 |
| 80°-90° | 17.4 | 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° | 5320.6 | 46.8 |
| 0°-40° | 8144.3 | 71.6 |
| 0°-60° | 10862.4 | 95.5 |
| 0°-90° | 11371.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 11371.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 6751 | 6751 | 6751 | 6751 | 6751 | |
| 5° | 6546 | 6741 | 6981 | 6741 | 6546 | 617 |
| 15° | 6048 | 6566 | 7219 | 6566 | 6048 | 1711 |
| 25° | 5666 | 6184 | 6681 | 6184 | 5666 | 2599 |
| 35° | 4569 | 4697 | 4456 | 4697 | 4569 | 2862 |
| 45° | 3217 | 1721 | 1991 | 1721 | 3217 | 2474 |
| 55° | 1829 | 636 | 672 | 636 | 1829 | 1631 |
| 65° | 728 | 194 | 178 | 194 | 728 | 756 |
| 75° | 204 | 40 | 33 | 40 | 204 | 232 |
| 85° | 43 | 0 | 3 | 0 | 43 | 47 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P248628

CATALOG NUMBER: LD8B120D010 ER8B120950 8LBSW0H

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 |
| 2.5° | 6681.4 | 6674.8 | 6671.5 | 6678.2 | 6681.4 | 6694.6 | 6691.3 | 6697.8 | 6697.8 | 6701.2 | 6707.7 |
| 5° | 6546.3 | 6542.9 | 6546.3 | 6546.3 | 6559.4 | 6572.6 | 6569.3 | 6579.2 | 6585.8 | 6602.3 | 6608.8 |
| 7.5° | 6421.1 | 6421.1 | 6417.7 | 6430.8 | 6437.5 | 6457.3 | 6453.9 | 6470.4 | 6480.3 | 6496.8 | 6519.8 |
| 10° | 6292.4 | 6292.4 | 6295.7 | 6305.6 | 6309.0 | 6338.6 | 6338.6 | 6361.6 | 6374.8 | 6391.3 | 6421.1 |
| 12.5° | 6167.2 | 6167.2 | 6187.0 | 6180.4 | 6193.5 | 6216.6 | 6226.5 | 6249.6 | 6269.4 | 6302.3 | 6332.0 |
| 15° | 6048.5 | 6048.5 | 6055.1 | 6071.6 | 6081.5 | 6111.2 | 6127.6 | 6154.0 | 6177.1 | 6210.1 | 6252.9 |
| 17.5° | 5946.3 | 5943.1 | 5946.3 | 5966.1 | 5985.9 | 6012.3 | 6025.4 | 6058.4 | 6081.5 | 6124.3 | 6163.9 |
| 20° | 5844.2 | 5850.8 | 5850.8 | 5867.2 | 5880.4 | 5913.4 | 5926.5 | 5962.9 | 5989.2 | 6028.7 | 6074.9 |
| 22.5° | 5755.2 | 5751.9 | 5751.9 | 5775.0 | 5784.9 | 5814.5 | 5827.6 | 5860.6 | 5890.3 | 5923.3 | 5966.1 |
| 25° | 5666.2 | 5659.5 | 5672.8 | 5676.1 | 5682.6 | 5715.5 | 5725.4 | 5748.5 | 5778.2 | 5807.9 | 5850.8 |
| 27.5° | 5534.3 | 5527.8 | 5531.0 | 5544.2 | 5554.1 | 5580.4 | 5587.1 | 5610.1 | 5633.2 | 5659.5 | 5695.9 |
| 30° | 5280.4 | 5273.9 | 5270.7 | 5293.7 | 5303.6 | 5323.3 | 5333.2 | 5372.8 | 5379.3 | 5409.1 | 5435.4 |
| 32.5° | 4944.2 | 4941.0 | 4947.6 | 4967.3 | 4977.2 | 5003.7 | 5016.8 | 5039.9 | 5056.3 | 5072.9 | 5099.2 |
| 35° | 4568.6 | 4561.9 | 4568.6 | 4588.4 | 4588.4 | 4611.4 | 4621.3 | 4631.1 | 4627.8 | 4631.1 | 4624.6 |
| 37.5° | 4219.2 | 4215.8 | 4219.2 | 4229.0 | 4219.2 | 4229.0 | 4219.2 | 4199.4 | 4163.2 | 4123.5 | 4083.9 |
| 40° | 3922.5 | 3925.7 | 3906.1 | 3919.2 | 3882.9 | 3876.3 | 3840.1 | 3790.6 | 3718.1 | 3639.1 | 3527.0 |
| 42.5° | 3606.1 | 3596.2 | 3583.0 | 3589.5 | 3560.0 | 3536.8 | 3477.5 | 3414.9 | 3322.5 | 3190.8 | 3055.5 |
| 45° | 3217.1 | 3213.8 | 3207.2 | 3203.9 | 3184.1 | 3161.1 | 3111.6 | 3039.1 | 2936.9 | 2801.8 | 2640.2 |
| 47.5° | 2838.0 | 2828.1 | 2828.1 | 2831.4 | 2808.3 | 2805.1 | 2765.4 | 2702.9 | 2613.9 | 2482.0 | 2313.9 |
| 50° | 2475.4 | 2472.1 | 2478.8 | 2491.9 | 2475.4 | 2468.9 | 2442.5 | 2399.7 | 2320.6 | 2208.5 | 2050.2 |
| 52.5° | 2149.1 | 2145.8 | 2152.5 | 2168.9 | 2162.2 | 2168.9 | 2142.6 | 2109.6 | 2056.8 | 1948.0 | 1809.6 |
| 55° | 1829.4 | 1829.4 | 1829.4 | 1849.1 | 1849.1 | 1849.1 | 1835.9 | 1816.3 | 1766.7 | 1687.7 | 1559.2 |
| 57.5° | 1496.5 | 1499.7 | 1519.6 | 1522.8 | 1519.6 | 1526.2 | 1522.8 | 1503.0 | 1470.2 | 1414.1 | 1315.2 |
| 60° | 1216.3 | 1216.3 | 1226.2 | 1236.1 | 1232.7 | 1236.1 | 1236.1 | 1226.2 | 1193.3 | 1147.1 | 1068.0 |
| 62.5° | 962.5 | 972.4 | 965.7 | 972.4 | 985.5 | 972.4 | 965.7 | 959.2 | 936.2 | 906.4 | 840.5 |
| 65° | 728.4 | 735.1 | 735.1 | 738.3 | 731.7 | 735.1 | 721.9 | 712.0 | 698.9 | 665.9 | 623.0 |
| 67.5° | 553.8 | 553.8 | 553.8 | 553.8 | 550.4 | 547.2 | 543.9 | 534.0 | 510.9 | 497.8 | 451.5 |
| 70° | 425.2 | 405.4 | 405.4 | 405.4 | 405.4 | 408.8 | 398.9 | 385.7 | 379.1 | 356.0 | 323.0 |
| 72.5° | 283.4 | 290.1 | 283.4 | 283.4 | 276.9 | 280.2 | 267.0 | 260.4 | 253.8 | 240.7 | 220.9 |
| 75° | 204.3 | 187.9 | 194.4 | 197.8 | 187.9 | 194.4 | 181.3 | 168.1 | 168.1 | 158.2 | 148.3 |
| 77.5° | 131.9 | 128.6 | 131.9 | 135.1 | 131.9 | 128.6 | 122.0 | 115.3 | 115.3 | 112.1 | 102.2 |
| 80° | 95.7 | 92.3 | 92.3 | 92.3 | 89.0 | 92.3 | 85.7 | 85.7 | 79.1 | 75.8 | 69.2 |
| 82.5° | 62.7 | 62.7 | 59.3 | 62.7 | 59.3 | 62.7 | 52.8 | 52.8 | 52.8 | 49.4 | 42.9 |
| 85° | 42.9 | 36.2 | 36.2 | 39.6 | 33.0 | 39.6 | 36.2 | 33.0 | 29.7 | 29.7 | 26.3 |
| 87.5° | 19.8 | 23.1 | 19.8 | 23.1 | 19.8 | 19.8 | 23.1 | 19.8 | 19.8 | 13.2 | 13.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248628

CATALOG NUMBER: LD8B120D010 ER8B120950 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 |
| 2.5° | 6717.6 | 6720.9 | 6720.9 | 6734.2 | 6740.7 | 6744.0 | 6744.0 | 6770.4 | 6760.5 | 6767.2 | 6773.7 |
| 5° | 6622.1 | 6641.8 | 6648.4 | 6648.4 | 6684.7 | 6697.8 | 6711.0 | 6740.7 | 6744.0 | 6763.8 | 6786.8 |
| 7.5° | 6529.7 | 6552.8 | 6566.1 | 6595.7 | 6618.7 | 6641.8 | 6681.4 | 6701.2 | 6720.9 | 6747.3 | 6776.9 |
| 10° | 6440.7 | 6467.2 | 6493.5 | 6516.6 | 6552.8 | 6582.5 | 6608.8 | 6655.0 | 6678.2 | 6714.4 | 6753.9 |
| 12.5° | 6355.1 | 6391.3 | 6414.4 | 6453.9 | 6493.5 | 6519.8 | 6559.4 | 6602.3 | 6638.5 | 6674.8 | 6720.9 |
| 15° | 6279.3 | 6322.1 | 6348.5 | 6391.3 | 6434.2 | 6470.4 | 6513.3 | 6566.1 | 6592.4 | 6635.3 | 6678.2 |
| 17.5° | 6196.8 | 6243.0 | 6276.0 | 6315.5 | 6368.3 | 6407.8 | 6444.1 | 6496.8 | 6529.7 | 6575.9 | 6625.4 |
| 20° | 6111.2 | 6157.3 | 6196.8 | 6236.4 | 6289.2 | 6328.7 | 6371.5 | 6424.3 | 6460.5 | 6506.7 | 6546.3 |
| 22.5° | 6009.0 | 6051.9 | 6094.6 | 6140.7 | 6193.5 | 6226.5 | 6276.0 | 6322.1 | 6361.6 | 6404.5 | 6444.1 |
| 25° | 5877.1 | 5929.9 | 5962.9 | 6005.6 | 6048.5 | 6084.7 | 6137.5 | 6183.6 | 6216.6 | 6256.2 | 6292.4 |
| 27.5° | 5722.2 | 5761.8 | 5788.1 | 5824.4 | 5867.2 | 5900.2 | 5939.7 | 5985.9 | 6018.9 | 6055.1 | 6081.5 |
| 30° | 5458.4 | 5494.8 | 5517.9 | 5544.2 | 5587.1 | 5616.8 | 5649.7 | 5692.5 | 5715.5 | 5742.0 | 5765.1 |
| 32.5° | 5112.3 | 5142.0 | 5155.2 | 5175.0 | 5204.7 | 5234.3 | 5260.8 | 5297.0 | 5306.9 | 5323.3 | 5323.3 |
| 35° | 4611.4 | 4617.9 | 4614.7 | 4621.3 | 4634.5 | 4650.9 | 4674.0 | 4697.0 | 4710.2 | 4710.2 | 4700.4 |
| 37.5° | 4024.6 | 3985.2 | 3942.3 | 3909.3 | 3899.4 | 3892.8 | 3906.1 | 3915.8 | 3929.1 | 3935.6 | 3919.2 |
| 40° | 3414.9 | 3325.9 | 3230.3 | 3144.5 | 3085.2 | 3058.9 | 3049.0 | 3055.5 | 3055.5 | 3078.6 | 3078.6 |
| 42.5° | 2890.8 | 2752.3 | 2610.6 | 2482.0 | 2396.3 | 2330.5 | 2300.8 | 2300.8 | 2304.0 | 2320.6 | 2330.5 |
| 45° | 2455.7 | 2281.0 | 2116.1 | 1974.5 | 1855.8 | 1770.0 | 1730.5 | 1720.6 | 1717.4 | 1723.9 | 1746.9 |
| 47.5° | 2122.8 | 1941.5 | 1770.0 | 1595.4 | 1470.2 | 1384.4 | 1348.2 | 1334.9 | 1321.7 | 1334.9 | 1338.3 |
| 50° | 1862.4 | 1674.5 | 1493.2 | 1318.5 | 1186.6 | 1110.8 | 1064.6 | 1044.8 | 1041.6 | 1041.6 | 1048.2 |
| 52.5° | 1625.0 | 1450.4 | 1269.1 | 1091.1 | 952.6 | 880.1 | 837.2 | 827.3 | 814.2 | 827.3 | 827.3 |
| 55° | 1400.8 | 1226.2 | 1048.2 | 880.1 | 764.7 | 689.0 | 649.3 | 636.2 | 629.5 | 639.4 | 639.4 |
| 57.5° | 1157.0 | 1008.6 | 843.9 | 692.2 | 576.9 | 524.1 | 494.4 | 478.0 | 474.6 | 481.2 | 474.6 |
| 60° | 949.3 | 824.1 | 682.3 | 543.9 | 454.9 | 398.9 | 375.8 | 369.2 | 362.5 | 369.2 | 369.2 |
| 62.5° | 751.5 | 646.1 | 530.6 | 425.2 | 349.4 | 309.9 | 283.4 | 283.4 | 280.2 | 280.2 | 283.4 |
| 65° | 557.1 | 474.6 | 392.2 | 303.2 | 243.9 | 214.2 | 194.4 | 194.4 | 191.2 | 194.4 | 191.2 |
| 67.5° | 405.4 | 349.4 | 283.4 | 220.9 | 174.7 | 158.2 | 145.0 | 135.1 | 141.8 | 135.1 | 131.9 |
| 70° | 296.7 | 250.5 | 204.3 | 168.1 | 135.1 | 118.7 | 108.8 | 105.4 | 98.9 | 98.9 | 98.9 |
| 72.5° | 197.8 | 168.1 | 138.4 | 108.8 | 89.0 | 72.4 | 69.2 | 62.7 | 56.0 | 59.3 | 65.9 |
| 75° | 131.9 | 112.1 | 98.9 | 79.1 | 59.3 | 59.3 | 39.6 | 39.6 | 33.0 | 39.6 | 29.7 |
| 77.5° | 92.3 | 75.8 | 59.3 | 49.4 | 39.6 | 36.2 | 26.3 | 26.3 | 23.1 | 23.1 | 23.1 |
| 80° | 65.9 | 56.0 | 42.9 | 36.2 | 26.3 | 26.3 | 23.1 | 19.8 | 16.4 | 16.4 | 19.8 |
| 82.5° | 39.6 | 29.7 | 29.7 | 26.3 | 16.4 | 13.2 | 9.9 | 13.2 | 6.6 | 6.6 | 6.6 |
| 85° | 23.1 | 19.8 | 16.4 | 9.9 | 6.6 | 6.6 | 3.3 | 0.0 | 3.3 | 3.3 | 0.0 |
| 87.5° | 13.2 | 6.6 | 6.6 | 3.3 | 0.0 | 3.3 | 3.3 | 0.0 | 0.0 | 0.0 | 6.6 |
| 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: P248628

CATALOG NUMBER: LD8B120D010 ER8B120950 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 |
| 2.5° | 6790.2 | 6786.8 | 6793.5 | 6793.5 | 6813.3 | 6809.9 | 6819.8 | 6819.8 | 6813.3 | 6816.5 | 6829.7 |
| 5° | 6813.3 | 6823.2 | 6842.9 | 6859.4 | 6889.0 | 6902.3 | 6918.7 | 6935.3 | 6938.5 | 6948.4 | 6958.3 |
| 7.5° | 6813.3 | 6846.3 | 6869.3 | 6898.9 | 6938.5 | 6961.6 | 6997.8 | 7027.5 | 7040.7 | 7057.1 | 7076.9 |
| 10° | 6800.0 | 6833.0 | 6875.8 | 6908.8 | 6958.3 | 6994.5 | 7030.8 | 7076.9 | 7096.7 | 7123.0 | 7149.5 |
| 12.5° | 6773.7 | 6809.9 | 6856.0 | 6898.9 | 6954.9 | 6987.9 | 7034.0 | 7076.9 | 7106.6 | 7142.8 | 7172.5 |
| 15° | 6734.2 | 6776.9 | 6819.8 | 6862.7 | 6922.0 | 6961.6 | 7004.4 | 7053.8 | 7083.5 | 7123.0 | 7149.5 |
| 17.5° | 6671.5 | 6717.6 | 6757.3 | 6796.7 | 6852.8 | 6898.9 | 6938.5 | 6984.6 | 7014.4 | 7047.3 | 7083.5 |
| 20° | 6595.7 | 6638.5 | 6681.4 | 6714.4 | 6770.4 | 6809.9 | 6852.8 | 6895.6 | 6918.7 | 6925.4 | 6981.4 |
| 22.5° | 6500.1 | 6529.7 | 6562.7 | 6615.5 | 6648.4 | 6684.7 | 6724.3 | 6763.8 | 6786.8 | 6823.2 | 6842.9 |
| 25° | 6341.8 | 6371.5 | 6407.8 | 6430.8 | 6470.4 | 6500.1 | 6539.6 | 6582.5 | 6595.7 | 6622.1 | 6641.8 |
| 27.5° | 6121.1 | 6137.5 | 6154.0 | 6173.7 | 6196.8 | 6213.3 | 6236.4 | 6256.2 | 6269.4 | 6282.5 | 6295.7 |
| 30° | 5771.6 | 5771.6 | 5771.6 | 5758.4 | 5768.3 | 5778.2 | 5781.5 | 5778.2 | 5778.2 | 5775.0 | 5775.0 |
| 32.5° | 5310.2 | 5283.8 | 5254.1 | 5227.8 | 5217.9 | 5204.7 | 5198.1 | 5188.2 | 5171.8 | 5161.9 | 5165.1 |
| 35° | 4687.1 | 4627.8 | 4591.6 | 4558.7 | 4532.3 | 4512.5 | 4502.6 | 4492.7 | 4489.5 | 4476.3 | 4463.0 |
| 37.5° | 3909.3 | 3866.4 | 3840.1 | 3820.3 | 3797.2 | 3777.4 | 3780.7 | 3784.1 | 3793.9 | 3787.3 | 3790.6 |
| 40° | 3085.2 | 3075.3 | 3085.2 | 3062.2 | 3055.5 | 3062.2 | 3078.6 | 3101.8 | 3114.9 | 3128.1 | 3151.2 |
| 42.5° | 2346.9 | 2363.3 | 2386.5 | 2386.5 | 2396.3 | 2409.6 | 2429.2 | 2465.6 | 2485.3 | 2508.3 | 2534.8 |
| 45° | 1766.7 | 1786.6 | 1816.3 | 1826.0 | 1832.7 | 1849.1 | 1872.3 | 1901.9 | 1915.0 | 1934.8 | 1957.9 |
| 47.5° | 1361.4 | 1374.5 | 1390.9 | 1407.5 | 1423.9 | 1430.5 | 1453.6 | 1453.6 | 1470.2 | 1483.3 | 1489.8 |
| 50° | 1061.4 | 1074.5 | 1087.7 | 1097.6 | 1104.3 | 1114.2 | 1120.7 | 1130.6 | 1133.8 | 1140.5 | 1143.7 |
| 52.5° | 830.6 | 847.1 | 847.1 | 853.7 | 863.6 | 873.5 | 870.2 | 873.5 | 876.7 | 876.7 | 886.6 |
| 55° | 649.3 | 649.3 | 659.2 | 659.2 | 665.9 | 662.5 | 665.9 | 665.9 | 665.9 | 665.9 | 669.1 |
| 57.5° | 484.5 | 487.9 | 497.8 | 491.1 | 487.9 | 494.4 | 487.9 | 494.4 | 491.1 | 497.8 | 487.9 |
| 60° | 372.4 | 372.4 | 375.8 | 375.8 | 379.1 | 379.1 | 379.1 | 375.8 | 375.8 | 372.4 | 372.4 |
| 62.5° | 280.2 | 283.4 | 286.8 | 283.4 | 283.4 | 283.4 | 280.2 | 280.2 | 276.9 | 273.5 | 273.5 |
| 65° | 187.9 | 184.7 | 191.2 | 184.7 | 187.9 | 187.9 | 184.7 | 187.9 | 178.0 | 181.3 | 178.0 |
| 67.5° | 135.1 | 131.9 | 128.6 | 131.9 | 128.6 | 125.2 | 125.2 | 128.6 | 131.9 | 122.0 | 122.0 |
| 70° | 89.0 | 92.3 | 89.0 | 92.3 | 95.7 | 95.7 | 92.3 | 89.0 | 92.3 | 85.7 | 89.0 |
| 72.5° | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 59.3 | 59.3 | 59.3 | 52.8 | 52.8 | 49.4 |
| 75° | 26.3 | 36.2 | 29.7 | 26.3 | 36.2 | 36.2 | 33.0 | 33.0 | 29.7 | 29.7 | 29.7 |
| 77.5° | 26.3 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 16.4 | 19.8 | 16.4 |
| 80° | 13.2 | 13.2 | 13.2 | 9.9 | 13.2 | 13.2 | 16.4 | 13.2 | 13.2 | 9.9 | 16.4 |
| 82.5° | 6.6 | 6.6 | 6.6 | 0.0 | 3.3 | 6.6 | 6.6 | 3.3 | 6.6 | 6.6 | 3.3 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248628

CATALOG NUMBER: LD8B120D010 ER8B120950 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 |
| 2.5° | 6826.4 | 6823.2 | 6826.4 | 6829.7 | 6826.4 | 6823.2 | 6826.4 | 6829.7 | 6816.5 | 6813.3 | 6819.8 |
| 5° | 6971.5 | 6971.5 | 6978.0 | 6981.4 | 6978.0 | 6971.5 | 6971.5 | 6958.3 | 6948.4 | 6938.5 | 6935.3 |
| 7.5° | 7096.7 | 7103.4 | 7109.9 | 7113.1 | 7109.9 | 7103.4 | 7096.7 | 7076.9 | 7057.1 | 7040.7 | 7027.5 |
| 10° | 7172.5 | 7182.5 | 7195.6 | 7202.1 | 7195.6 | 7182.5 | 7172.5 | 7149.5 | 7123.0 | 7096.7 | 7076.9 |
| 12.5° | 7205.5 | 7215.4 | 7231.8 | 7228.6 | 7231.8 | 7215.4 | 7205.5 | 7172.5 | 7142.8 | 7106.6 | 7076.9 |
| 15° | 7182.5 | 7195.6 | 7212.0 | 7218.7 | 7212.0 | 7195.6 | 7182.5 | 7149.5 | 7123.0 | 7083.5 | 7053.8 |
| 17.5° | 7109.9 | 7129.7 | 7139.6 | 7149.5 | 7139.6 | 7129.7 | 7109.9 | 7083.5 | 7047.3 | 7014.4 | 6984.6 |
| 20° | 7011.0 | 7024.3 | 7037.4 | 7040.7 | 7037.4 | 7024.3 | 7011.0 | 6981.4 | 6925.4 | 6918.7 | 6895.6 |
| 22.5° | 6869.3 | 6879.2 | 6908.8 | 6898.9 | 6908.8 | 6879.2 | 6869.3 | 6842.9 | 6823.2 | 6786.8 | 6763.8 |
| 25° | 6664.9 | 6674.8 | 6678.2 | 6681.4 | 6678.2 | 6674.8 | 6664.9 | 6641.8 | 6622.1 | 6595.7 | 6582.5 |
| 27.5° | 6312.2 | 6312.2 | 6318.8 | 6322.1 | 6318.8 | 6312.2 | 6312.2 | 6295.7 | 6282.5 | 6269.4 | 6256.2 |
| 30° | 5778.2 | 5778.2 | 5778.2 | 5794.8 | 5778.2 | 5778.2 | 5778.2 | 5775.0 | 5775.0 | 5778.2 | 5778.2 |
| 32.5° | 5161.9 | 5155.2 | 5148.7 | 5155.2 | 5148.7 | 5155.2 | 5161.9 | 5165.1 | 5161.9 | 5171.8 | 5188.2 |
| 35° | 4463.0 | 4459.7 | 4469.6 | 4456.5 | 4469.6 | 4459.7 | 4463.0 | 4463.0 | 4476.3 | 4489.5 | 4492.7 |
| 37.5° | 3793.9 | 3787.3 | 3800.5 | 3787.3 | 3800.5 | 3787.3 | 3793.9 | 3790.6 | 3787.3 | 3793.9 | 3784.1 |
| 40° | 3157.8 | 3164.3 | 3164.3 | 3190.8 | 3164.3 | 3164.3 | 3157.8 | 3151.2 | 3128.1 | 3114.9 | 3101.8 |
| 42.5° | 2548.0 | 2567.8 | 2561.1 | 2580.9 | 2561.1 | 2567.8 | 2548.0 | 2534.8 | 2508.3 | 2485.3 | 2465.6 |
| 45° | 1971.1 | 1984.4 | 1984.4 | 1990.9 | 1984.4 | 1984.4 | 1971.1 | 1957.9 | 1934.8 | 1915.0 | 1901.9 |
| 47.5° | 1512.9 | 1512.9 | 1512.9 | 1516.3 | 1512.9 | 1512.9 | 1512.9 | 1489.8 | 1483.3 | 1470.2 | 1453.6 |
| 50° | 1150.4 | 1153.6 | 1157.0 | 1160.3 | 1157.0 | 1153.6 | 1150.4 | 1143.7 | 1140.5 | 1133.8 | 1130.6 |
| 52.5° | 883.4 | 886.6 | 880.1 | 886.6 | 880.1 | 886.6 | 883.4 | 886.6 | 876.7 | 876.7 | 873.5 |
| 55° | 669.1 | 665.9 | 669.1 | 672.4 | 669.1 | 665.9 | 669.1 | 669.1 | 665.9 | 665.9 | 665.9 |
| 57.5° | 491.1 | 484.5 | 484.5 | 484.5 | 484.5 | 484.5 | 491.1 | 487.9 | 497.8 | 491.1 | 494.4 |
| 60° | 365.9 | 369.2 | 369.2 | 372.4 | 369.2 | 369.2 | 365.9 | 372.4 | 372.4 | 375.8 | 375.8 |
| 62.5° | 270.3 | 280.2 | 273.5 | 280.2 | 273.5 | 280.2 | 270.3 | 273.5 | 273.5 | 276.9 | 280.2 |
| 65° | 174.7 | 174.7 | 174.7 | 178.0 | 174.7 | 174.7 | 174.7 | 178.0 | 181.3 | 178.0 | 187.9 |
| 67.5° | 118.7 | 122.0 | 128.6 | 125.2 | 128.6 | 122.0 | 118.7 | 122.0 | 122.0 | 131.9 | 128.6 |
| 70° | 95.7 | 85.7 | 85.7 | 95.7 | 85.7 | 85.7 | 95.7 | 89.0 | 85.7 | 92.3 | 89.0 |
| 72.5° | 56.0 | 49.4 | 56.0 | 56.0 | 56.0 | 49.4 | 56.0 | 49.4 | 52.8 | 52.8 | 59.3 |
| 75° | 29.7 | 26.3 | 23.1 | 33.0 | 23.1 | 26.3 | 29.7 | 29.7 | 29.7 | 29.7 | 33.0 |
| 77.5° | 19.8 | 16.4 | 23.1 | 23.1 | 23.1 | 16.4 | 19.8 | 16.4 | 19.8 | 16.4 | 19.8 |
| 80° | 9.9 | 13.2 | 9.9 | 16.4 | 9.9 | 13.2 | 9.9 | 16.4 | 9.9 | 13.2 | 13.2 |
| 82.5° | 3.3 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 3.3 | 3.3 | 6.6 | 6.6 | 3.3 |
| 85° | 0.0 | 6.6 | 3.3 | 3.3 | 3.3 | 6.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 3.3 | 0.0 | 0.0 | 3.3 | 0.0 | 0.0 | 3.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248628

CATALOG NUMBER: LD8B120D010 ER8B120950 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 |
| 2.5° | 6819.8 | 6809.9 | 6813.3 | 6793.5 | 6793.5 | 6786.8 | 6790.2 | 6773.7 | 6767.2 | 6760.5 | 6770.4 |
| 5° | 6918.7 | 6902.3 | 6889.0 | 6859.4 | 6842.9 | 6823.2 | 6813.3 | 6786.8 | 6763.8 | 6744.0 | 6740.7 |
| 7.5° | 6997.8 | 6961.6 | 6938.5 | 6898.9 | 6869.3 | 6846.3 | 6813.3 | 6776.9 | 6747.3 | 6720.9 | 6701.2 |
| 10° | 7030.8 | 6994.5 | 6958.3 | 6908.8 | 6875.8 | 6833.0 | 6800.0 | 6753.9 | 6714.4 | 6678.2 | 6655.0 |
| 12.5° | 7034.0 | 6987.9 | 6954.9 | 6898.9 | 6856.0 | 6809.9 | 6773.7 | 6720.9 | 6674.8 | 6638.5 | 6602.3 |
| 15° | 7004.4 | 6961.6 | 6922.0 | 6862.7 | 6819.8 | 6776.9 | 6734.2 | 6678.2 | 6635.3 | 6592.4 | 6566.1 |
| 17.5° | 6938.5 | 6898.9 | 6852.8 | 6796.7 | 6757.3 | 6717.6 | 6671.5 | 6625.4 | 6575.9 | 6529.7 | 6496.8 |
| 20° | 6852.8 | 6809.9 | 6770.4 | 6714.4 | 6681.4 | 6638.5 | 6595.7 | 6546.3 | 6506.7 | 6460.5 | 6424.3 |
| 22.5° | 6724.3 | 6684.7 | 6648.4 | 6615.5 | 6562.7 | 6529.7 | 6500.1 | 6444.1 | 6404.5 | 6361.6 | 6322.1 |
| 25° | 6539.6 | 6500.1 | 6470.4 | 6430.8 | 6407.8 | 6371.5 | 6341.8 | 6292.4 | 6256.2 | 6216.6 | 6183.6 |
| 27.5° | 6236.4 | 6213.3 | 6196.8 | 6173.7 | 6154.0 | 6137.5 | 6121.1 | 6081.5 | 6055.1 | 6018.9 | 5985.9 |
| 30° | 5781.5 | 5778.2 | 5768.3 | 5758.4 | 5771.6 | 5771.6 | 5771.6 | 5765.1 | 5742.0 | 5715.5 | 5692.5 |
| 32.5° | 5198.1 | 5204.7 | 5217.9 | 5227.8 | 5254.1 | 5283.8 | 5310.2 | 5323.3 | 5323.3 | 5306.9 | 5297.0 |
| 35° | 4502.6 | 4512.5 | 4532.3 | 4558.7 | 4591.6 | 4627.8 | 4687.1 | 4700.4 | 4710.2 | 4710.2 | 4697.0 |
| 37.5° | 3780.7 | 3777.4 | 3797.2 | 3820.3 | 3840.1 | 3866.4 | 3909.3 | 3919.2 | 3935.6 | 3929.1 | 3915.8 |
| 40° | 3078.6 | 3062.2 | 3055.5 | 3062.2 | 3085.2 | 3075.3 | 3085.2 | 3078.6 | 3078.6 | 3055.5 | 3055.5 |
| 42.5° | 2429.2 | 2409.6 | 2396.3 | 2386.5 | 2386.5 | 2363.3 | 2346.9 | 2330.5 | 2320.6 | 2304.0 | 2300.8 |
| 45° | 1872.3 | 1849.1 | 1832.7 | 1826.0 | 1816.3 | 1786.6 | 1766.7 | 1746.9 | 1723.9 | 1717.4 | 1720.6 |
| 47.5° | 1453.6 | 1430.5 | 1423.9 | 1407.5 | 1390.9 | 1374.5 | 1361.4 | 1338.3 | 1334.9 | 1321.7 | 1334.9 |
| 50° | 1120.7 | 1114.2 | 1104.3 | 1097.6 | 1087.7 | 1074.5 | 1061.4 | 1048.2 | 1041.6 | 1041.6 | 1044.8 |
| 52.5° | 870.2 | 873.5 | 863.6 | 853.7 | 847.1 | 847.1 | 830.6 | 827.3 | 827.3 | 814.2 | 827.3 |
| 55° | 665.9 | 662.5 | 665.9 | 659.2 | 659.2 | 649.3 | 649.3 | 639.4 | 639.4 | 629.5 | 636.2 |
| 57.5° | 487.9 | 494.4 | 487.9 | 491.1 | 497.8 | 487.9 | 484.5 | 474.6 | 481.2 | 474.6 | 478.0 |
| 60° | 379.1 | 379.1 | 379.1 | 375.8 | 375.8 | 372.4 | 372.4 | 369.2 | 369.2 | 362.5 | 369.2 |
| 62.5° | 280.2 | 283.4 | 283.4 | 283.4 | 286.8 | 283.4 | 280.2 | 283.4 | 280.2 | 280.2 | 283.4 |
| 65° | 184.7 | 187.9 | 187.9 | 184.7 | 191.2 | 184.7 | 187.9 | 191.2 | 194.4 | 191.2 | 194.4 |
| 67.5° | 125.2 | 125.2 | 128.6 | 131.9 | 128.6 | 131.9 | 135.1 | 131.9 | 135.1 | 141.8 | 135.1 |
| 70° | 92.3 | 95.7 | 95.7 | 92.3 | 89.0 | 92.3 | 89.0 | 98.9 | 98.9 | 98.9 | 105.4 |
| 72.5° | 59.3 | 59.3 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 65.9 | 59.3 | 56.0 | 62.7 |
| 75° | 33.0 | 36.2 | 36.2 | 26.3 | 29.7 | 36.2 | 26.3 | 29.7 | 39.6 | 33.0 | 39.6 |
| 77.5° | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 19.8 | 26.3 | 23.1 | 23.1 | 23.1 | 26.3 |
| 80° | 16.4 | 13.2 | 13.2 | 9.9 | 13.2 | 13.2 | 13.2 | 19.8 | 16.4 | 16.4 | 19.8 |
| 82.5° | 6.6 | 6.6 | 3.3 | 0.0 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 13.2 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.3 | 3.3 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.6 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248628

CATALOG NUMBER: LD8B120D010 ER8B120950 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 |
| 2.5° | 6744.0 | 6744.0 | 6740.7 | 6734.2 | 6720.9 | 6720.9 | 6717.6 | 6707.7 | 6701.2 | 6697.8 | 6697.8 |
| 5° | 6711.0 | 6697.8 | 6684.7 | 6648.4 | 6648.4 | 6641.8 | 6622.1 | 6608.8 | 6602.3 | 6585.8 | 6579.2 |
| 7.5° | 6681.4 | 6641.8 | 6618.7 | 6595.7 | 6566.1 | 6552.8 | 6529.7 | 6519.8 | 6496.8 | 6480.3 | 6470.4 |
| 10° | 6608.8 | 6582.5 | 6552.8 | 6516.6 | 6493.5 | 6467.2 | 6440.7 | 6421.1 | 6391.3 | 6374.8 | 6361.6 |
| 12.5° | 6559.4 | 6519.8 | 6493.5 | 6453.9 | 6414.4 | 6391.3 | 6355.1 | 6332.0 | 6302.3 | 6269.4 | 6249.6 |
| 15° | 6513.3 | 6470.4 | 6434.2 | 6391.3 | 6348.5 | 6322.1 | 6279.3 | 6252.9 | 6210.1 | 6177.1 | 6154.0 |
| 17.5° | 6444.1 | 6407.8 | 6368.3 | 6315.5 | 6276.0 | 6243.0 | 6196.8 | 6163.9 | 6124.3 | 6081.5 | 6058.4 |
| 20° | 6371.5 | 6328.7 | 6289.2 | 6236.4 | 6196.8 | 6157.3 | 6111.2 | 6074.9 | 6028.7 | 5989.2 | 5962.9 |
| 22.5° | 6276.0 | 6226.5 | 6193.5 | 6140.7 | 6094.6 | 6051.9 | 6009.0 | 5966.1 | 5923.3 | 5890.3 | 5860.6 |
| 25° | 6137.5 | 6084.7 | 6048.5 | 6005.6 | 5962.9 | 5929.9 | 5877.1 | 5850.8 | 5807.9 | 5778.2 | 5748.5 |
| 27.5° | 5939.7 | 5900.2 | 5867.2 | 5824.4 | 5788.1 | 5761.8 | 5722.2 | 5695.9 | 5659.5 | 5633.2 | 5610.1 |
| 30° | 5649.7 | 5616.8 | 5587.1 | 5544.2 | 5517.9 | 5494.8 | 5458.4 | 5435.4 | 5409.1 | 5379.3 | 5372.8 |
| 32.5° | 5260.8 | 5234.3 | 5204.7 | 5175.0 | 5155.2 | 5142.0 | 5112.3 | 5099.2 | 5072.9 | 5056.3 | 5039.9 |
| 35° | 4674.0 | 4650.9 | 4634.5 | 4621.3 | 4614.7 | 4617.9 | 4611.4 | 4624.6 | 4631.1 | 4627.8 | 4631.1 |
| 37.5° | 3906.1 | 3892.8 | 3899.4 | 3909.3 | 3942.3 | 3985.2 | 4024.6 | 4083.9 | 4123.5 | 4163.2 | 4199.4 |
| 40° | 3049.0 | 3058.9 | 3085.2 | 3144.5 | 3230.3 | 3325.9 | 3414.9 | 3527.0 | 3639.1 | 3718.1 | 3790.6 |
| 42.5° | 2300.8 | 2330.5 | 2396.3 | 2482.0 | 2610.6 | 2752.3 | 2890.8 | 3055.5 | 3190.8 | 3322.5 | 3414.9 |
| 45° | 1730.5 | 1770.0 | 1855.8 | 1974.5 | 2116.1 | 2281.0 | 2455.7 | 2640.2 | 2801.8 | 2936.9 | 3039.1 |
| 47.5° | 1348.2 | 1384.4 | 1470.2 | 1595.4 | 1770.0 | 1941.5 | 2122.8 | 2313.9 | 2482.0 | 2613.9 | 2702.9 |
| 50° | 1064.6 | 1110.8 | 1186.6 | 1318.5 | 1493.2 | 1674.5 | 1862.4 | 2050.2 | 2208.5 | 2320.6 | 2399.7 |
| 52.5° | 837.2 | 880.1 | 952.6 | 1091.1 | 1269.1 | 1450.4 | 1625.0 | 1809.6 | 1948.0 | 2056.8 | 2109.6 |
| 55° | 649.3 | 689.0 | 764.7 | 880.1 | 1048.2 | 1226.2 | 1400.8 | 1559.2 | 1687.7 | 1766.7 | 1816.3 |
| 57.5° | 494.4 | 524.1 | 576.9 | 692.2 | 843.9 | 1008.6 | 1157.0 | 1315.2 | 1414.1 | 1470.2 | 1503.0 |
| 60° | 375.8 | 398.9 | 454.9 | 543.9 | 682.3 | 824.1 | 949.3 | 1068.0 | 1147.1 | 1193.3 | 1226.2 |
| 62.5° | 283.4 | 309.9 | 349.4 | 425.2 | 530.6 | 646.1 | 751.5 | 840.5 | 906.4 | 936.2 | 959.2 |
| 65° | 194.4 | 214.2 | 243.9 | 303.2 | 392.2 | 474.6 | 557.1 | 623.0 | 665.9 | 698.9 | 712.0 |
| 67.5° | 145.0 | 158.2 | 174.7 | 220.9 | 283.4 | 349.4 | 405.4 | 451.5 | 497.8 | 510.9 | 534.0 |
| 70° | 108.8 | 118.7 | 135.1 | 168.1 | 204.3 | 250.5 | 296.7 | 323.0 | 356.0 | 379.1 | 385.7 |
| 72.5° | 69.2 | 72.4 | 89.0 | 108.8 | 138.4 | 168.1 | 197.8 | 220.9 | 240.7 | 253.8 | 260.4 |
| 75° | 39.6 | 59.3 | 59.3 | 79.1 | 98.9 | 112.1 | 131.9 | 148.3 | 158.2 | 168.1 | 168.1 |
| 77.5° | 26.3 | 36.2 | 39.6 | 49.4 | 59.3 | 75.8 | 92.3 | 102.2 | 112.1 | 115.3 | 115.3 |
| 80° | 23.1 | 26.3 | 26.3 | 36.2 | 42.9 | 56.0 | 65.9 | 69.2 | 75.8 | 79.1 | 85.7 |
| 82.5° | 9.9 | 13.2 | 16.4 | 26.3 | 29.7 | 29.7 | 39.6 | 42.9 | 49.4 | 52.8 | 52.8 |
| 85° | 3.3 | 6.6 | 6.6 | 9.9 | 16.4 | 19.8 | 23.1 | 26.3 | 29.7 | 29.7 | 33.0 |
| 87.5° | 3.3 | 3.3 | 0.0 | 3.3 | 6.6 | 6.6 | 13.2 | 13.2 | 13.2 | 19.8 | 19.8 |
| 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: P248628

CATALOG NUMBER: LD8B120D010 ER8B120950 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 | 6750.6 |
| 2.5° | 6691.3 | 6694.6 | 6681.4 | 6678.2 | 6671.5 | 6674.8 | 6681.4 |
| 5° | 6569.3 | 6572.6 | 6559.4 | 6546.3 | 6546.3 | 6542.9 | 6546.3 |
| 7.5° | 6453.9 | 6457.3 | 6437.5 | 6430.8 | 6417.7 | 6421.1 | 6421.1 |
| 10° | 6338.6 | 6338.6 | 6309.0 | 6305.6 | 6295.7 | 6292.4 | 6292.4 |
| 12.5° | 6226.5 | 6216.6 | 6193.5 | 6180.4 | 6187.0 | 6167.2 | 6167.2 |
| 15° | 6127.6 | 6111.2 | 6081.5 | 6071.6 | 6055.1 | 6048.5 | 6048.5 |
| 17.5° | 6025.4 | 6012.3 | 5985.9 | 5966.1 | 5946.3 | 5943.1 | 5946.3 |
| 20° | 5926.5 | 5913.4 | 5880.4 | 5867.2 | 5850.8 | 5850.8 | 5844.2 |
| 22.5° | 5827.6 | 5814.5 | 5784.9 | 5775.0 | 5751.9 | 5751.9 | 5755.2 |
| 25° | 5725.4 | 5715.5 | 5682.6 | 5676.1 | 5672.8 | 5659.5 | 5666.2 |
| 27.5° | 5587.1 | 5580.4 | 5554.1 | 5544.2 | 5531.0 | 5527.8 | 5534.3 |
| 30° | 5333.2 | 5323.3 | 5303.6 | 5293.7 | 5270.7 | 5273.9 | 5280.4 |
| 32.5° | 5016.8 | 5003.7 | 4977.2 | 4967.3 | 4947.6 | 4941.0 | 4944.2 |
| 35° | 4621.3 | 4611.4 | 4588.4 | 4588.4 | 4568.6 | 4561.9 | 4568.6 |
| 37.5° | 4219.2 | 4229.0 | 4219.2 | 4229.0 | 4219.2 | 4215.8 | 4219.2 |
| 40° | 3840.1 | 3876.3 | 3882.9 | 3919.2 | 3906.1 | 3925.7 | 3922.5 |
| 42.5° | 3477.5 | 3536.8 | 3560.0 | 3589.5 | 3583.0 | 3596.2 | 3606.1 |
| 45° | 3111.6 | 3161.1 | 3184.1 | 3203.9 | 3207.2 | 3213.8 | 3217.1 |
| 47.5° | 2765.4 | 2805.1 | 2808.3 | 2831.4 | 2828.1 | 2828.1 | 2838.0 |
| 50° | 2442.5 | 2468.9 | 2475.4 | 2491.9 | 2478.8 | 2472.1 | 2475.4 |
| 52.5° | 2142.6 | 2168.9 | 2162.2 | 2168.9 | 2152.5 | 2145.8 | 2149.1 |
| 55° | 1835.9 | 1849.1 | 1849.1 | 1849.1 | 1829.4 | 1829.4 | 1829.4 |
| 57.5° | 1522.8 | 1526.2 | 1519.6 | 1522.8 | 1519.6 | 1499.7 | 1496.5 |
| 60° | 1236.1 | 1236.1 | 1232.7 | 1236.1 | 1226.2 | 1216.3 | 1216.3 |
| 62.5° | 965.7 | 972.4 | 985.5 | 972.4 | 965.7 | 972.4 | 962.5 |
| 65° | 721.9 | 735.1 | 731.7 | 738.3 | 735.1 | 735.1 | 728.4 |
| 67.5° | 543.9 | 547.2 | 550.4 | 553.8 | 553.8 | 553.8 | 553.8 |
| 70° | 398.9 | 408.8 | 405.4 | 405.4 | 405.4 | 405.4 | 425.2 |
| 72.5° | 267.0 | 280.2 | 276.9 | 283.4 | 283.4 | 290.1 | 283.4 |
| 75° | 181.3 | 194.4 | 187.9 | 197.8 | 194.4 | 187.9 | 204.3 |
| 77.5° | 122.0 | 128.6 | 131.9 | 135.1 | 131.9 | 128.6 | 131.9 |
| 80° | 85.7 | 92.3 | 89.0 | 92.3 | 92.3 | 92.3 | 95.7 |
| 82.5° | 52.8 | 62.7 | 59.3 | 62.7 | 59.3 | 62.7 | 62.7 |
| 85° | 36.2 | 39.6 | 33.0 | 39.6 | 36.2 | 36.2 | 42.9 |
| 87.5° | 23.1 | 19.8 | 19.8 | 23.1 | 19.8 | 23.1 | 19.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)