

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: P248747

Luminaire Tested: **LD8B175D010 ER8B1759727 8LBSW0WMH**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P248747
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: LD8B175D010 ER8B1759727 8LBSW0WMH
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT
97 CRI 2700 CCT WITH WARM HAZE TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12664.0 lumens
Efficiency: N/A
Efficacy: 71.5 lumens/watt
Spacing Criteria (0/90/45): 1.2 / 1.23 / 1.15
Luminous Opening: Point Source (0' x 0' x 0')
CIE Type: Direct

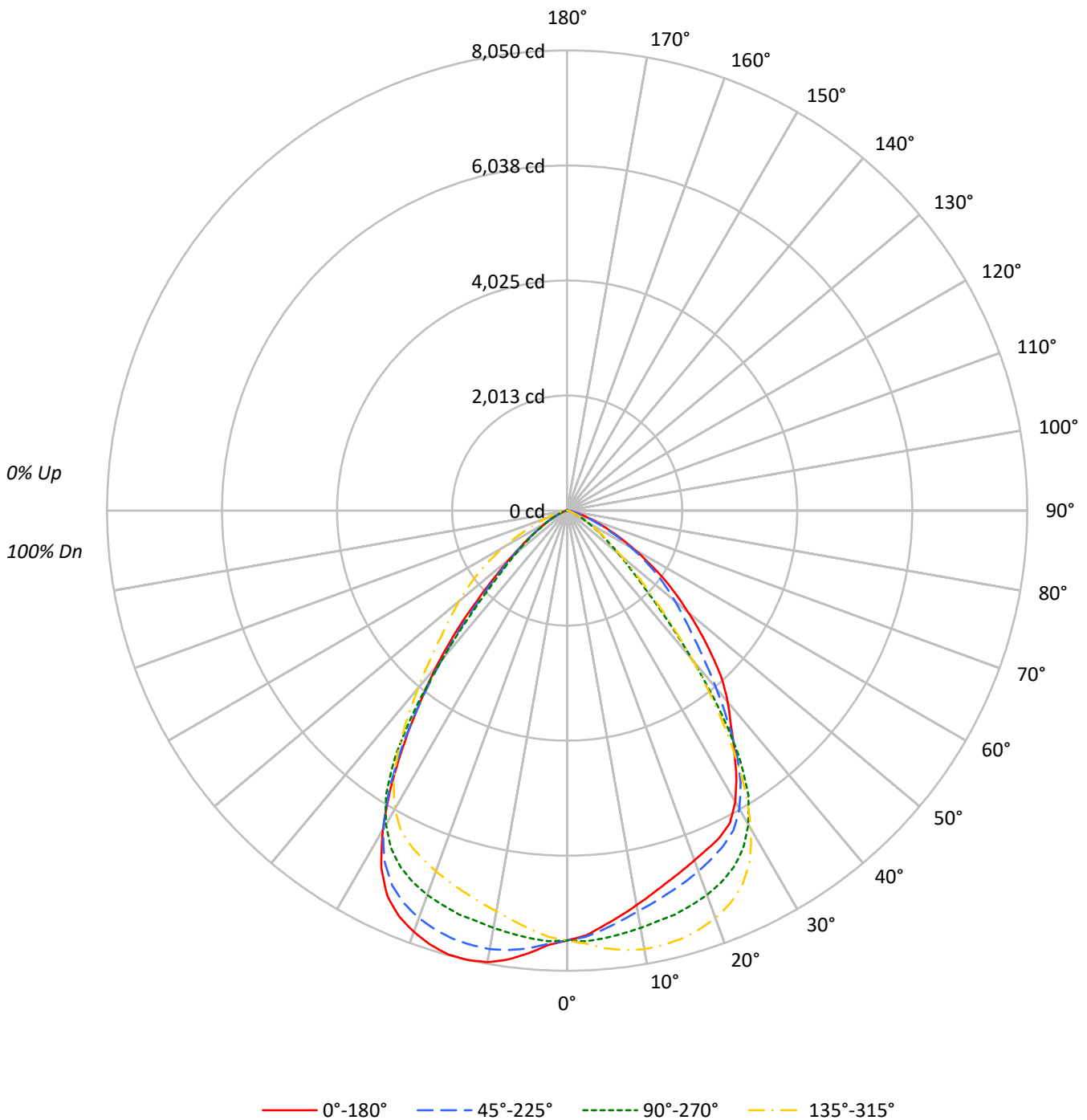
Input Watts (W): 177.2
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P248747

CATALOG NUMBER: LD8B175D010 ER8B1759727 8LBSW0WMH

Luminous Intensity Polar Plot





TEST NUMBER: P248747

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

| | | | | |
|-----|--|-----|------|------|
| | 0° | 90° | 180° | 270° |
| 0° | Luminaire represents a point source (luminous area is zero). | | | |
| 5° | No luminance values can be calculated. | | | |
| 10° | | | | |
| 15° | | | | |
| 20° | | | | |
| 25° | | | | |
| 30° | | | | |
| 35° | | | | |
| 40° | | | | |
| 45° | | | | |
| 50° | | | | |
| 55° | | | | |
| 60° | | | | |
| 65° | | | | |
| 70° | | | | |
| 75° | | | | |
| 80° | | | | |
| 85° | | | | |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 715.6 | 5.7 |
| 10°-20° | 2072.2 | 16.4 |
| 20°-30° | 3137.8 | 24.8 |
| 30°-40° | 3144.8 | 24.8 |
| 40°-50° | 1974.8 | 15.6 |
| 50°-60° | 1052.4 | 8.3 |
| 60°-70° | 432.8 | 3.4 |
| 70°-80° | 114.3 | 0.9 |
| 80°-90° | 19.3 | 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° | 5925.6 | 46.8 |
| 0°-40° | 9070.4 | 71.6 |
| 0°-60° | 12097.6 | 95.5 |
| 0°-90° | 12664.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 12664.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 7518 | 7518 | 7518 | 7518 | 7518 | |
| 5° | 7291 | 7507 | 7775 | 7507 | 7291 | 688 |
| 15° | 6736 | 7313 | 8040 | 7313 | 6736 | 1905 |
| 25° | 6310 | 6887 | 7441 | 6887 | 6310 | 2894 |
| 35° | 5088 | 5231 | 4963 | 5231 | 5088 | 3188 |
| 45° | 3583 | 1916 | 2217 | 1916 | 3583 | 2756 |
| 55° | 2038 | 708 | 749 | 708 | 2038 | 1817 |
| 65° | 811 | 216 | 198 | 216 | 811 | 842 |
| 75° | 228 | 44 | 37 | 44 | 228 | 258 |
| 85° | 48 | 0 | 4 | 0 | 48 | 52 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 |
| 2.5° | 7441.2 | 7433.7 | 7430.1 | 7437.5 | 7441.2 | 7455.8 | 7452.2 | 7459.4 | 7459.4 | 7463.2 | 7470.5 |
| 5° | 7290.7 | 7286.9 | 7290.7 | 7290.7 | 7305.3 | 7320.0 | 7316.3 | 7327.4 | 7334.6 | 7353.1 | 7360.3 |
| 7.5° | 7151.2 | 7151.2 | 7147.4 | 7162.1 | 7169.5 | 7191.5 | 7187.8 | 7206.2 | 7217.2 | 7235.5 | 7261.2 |
| 10° | 7007.9 | 7007.9 | 7011.6 | 7022.6 | 7026.4 | 7059.3 | 7059.3 | 7085.0 | 7099.7 | 7118.1 | 7151.2 |
| 12.5° | 6868.5 | 6868.5 | 6890.5 | 6883.1 | 6897.8 | 6923.5 | 6934.5 | 6960.2 | 6982.3 | 7019.0 | 7052.1 |
| 15° | 6736.3 | 6736.3 | 6743.7 | 6762.0 | 6773.0 | 6806.1 | 6824.4 | 6853.8 | 6879.5 | 6916.2 | 6964.0 |
| 17.5° | 6622.5 | 6618.9 | 6622.5 | 6644.5 | 6666.6 | 6695.9 | 6710.6 | 6747.3 | 6773.0 | 6820.7 | 6864.9 |
| 20° | 6508.7 | 6516.1 | 6516.1 | 6534.4 | 6549.0 | 6585.8 | 6600.4 | 6640.9 | 6670.2 | 6714.2 | 6765.7 |
| 22.5° | 6409.6 | 6406.0 | 6406.0 | 6431.6 | 6442.7 | 6475.6 | 6490.3 | 6527.0 | 6560.1 | 6596.8 | 6644.5 |
| 25° | 6310.5 | 6303.1 | 6317.9 | 6321.5 | 6328.7 | 6365.5 | 6376.5 | 6402.2 | 6435.3 | 6468.4 | 6516.1 |
| 27.5° | 6163.6 | 6156.3 | 6160.0 | 6174.6 | 6185.6 | 6215.0 | 6222.4 | 6248.1 | 6273.7 | 6303.1 | 6343.6 |
| 30° | 5880.9 | 5873.6 | 5870.0 | 5895.7 | 5906.7 | 5928.6 | 5939.7 | 5983.8 | 5991.0 | 6024.1 | 6053.4 |
| 32.5° | 5506.4 | 5502.8 | 5510.2 | 5532.1 | 5543.2 | 5572.6 | 5587.3 | 5613.0 | 5631.3 | 5649.7 | 5679.0 |
| 35° | 5088.0 | 5080.6 | 5088.0 | 5110.1 | 5110.1 | 5135.8 | 5146.8 | 5157.7 | 5154.1 | 5157.7 | 5150.5 |
| 37.5° | 4699.0 | 4695.2 | 4699.0 | 4709.8 | 4699.0 | 4709.8 | 4699.0 | 4676.9 | 4636.6 | 4592.4 | 4548.3 |
| 40° | 4368.5 | 4372.1 | 4350.2 | 4364.9 | 4324.4 | 4317.1 | 4276.8 | 4221.6 | 4140.9 | 4052.8 | 3928.0 |
| 42.5° | 4016.1 | 4005.1 | 3990.4 | 3997.7 | 3964.8 | 3938.9 | 3872.9 | 3803.2 | 3700.3 | 3553.6 | 3403.0 |
| 45° | 3582.9 | 3579.3 | 3571.9 | 3568.3 | 3546.2 | 3520.5 | 3465.4 | 3384.7 | 3270.9 | 3120.4 | 2940.4 |
| 47.5° | 3160.7 | 3149.7 | 3149.7 | 3153.3 | 3127.7 | 3124.0 | 3079.9 | 3010.2 | 2911.1 | 2764.3 | 2577.0 |
| 50° | 2756.9 | 2753.2 | 2760.6 | 2775.3 | 2756.9 | 2749.6 | 2720.3 | 2672.5 | 2584.4 | 2459.6 | 2283.3 |
| 52.5° | 2393.5 | 2389.8 | 2397.2 | 2415.5 | 2408.1 | 2415.5 | 2386.2 | 2349.5 | 2290.7 | 2169.5 | 2015.4 |
| 55° | 2037.5 | 2037.5 | 2037.5 | 2059.4 | 2059.4 | 2059.4 | 2044.7 | 2022.8 | 1967.6 | 1879.6 | 1736.5 |
| 57.5° | 1666.7 | 1670.3 | 1692.3 | 1696.0 | 1692.3 | 1699.7 | 1696.0 | 1673.9 | 1637.3 | 1574.9 | 1464.8 |
| 60° | 1354.6 | 1354.6 | 1365.7 | 1376.7 | 1372.9 | 1376.7 | 1376.7 | 1365.7 | 1328.9 | 1277.6 | 1189.5 |
| 62.5° | 1071.9 | 1082.9 | 1075.5 | 1082.9 | 1097.6 | 1082.9 | 1075.5 | 1068.3 | 1042.6 | 1009.5 | 936.1 |
| 65° | 811.3 | 818.7 | 818.7 | 822.3 | 814.9 | 818.7 | 804.0 | 793.0 | 778.3 | 741.6 | 693.9 |
| 67.5° | 616.8 | 616.8 | 616.8 | 616.8 | 613.0 | 609.4 | 605.8 | 594.7 | 569.0 | 554.4 | 502.9 |
| 70° | 473.6 | 451.5 | 451.5 | 451.5 | 451.5 | 455.3 | 444.2 | 429.6 | 422.2 | 396.5 | 359.8 |
| 72.5° | 315.7 | 323.1 | 315.7 | 315.7 | 308.4 | 312.0 | 297.4 | 290.0 | 282.7 | 268.1 | 246.0 |
| 75° | 227.6 | 209.3 | 216.5 | 220.3 | 209.3 | 216.5 | 201.9 | 187.2 | 187.2 | 176.2 | 165.2 |
| 77.5° | 146.9 | 143.2 | 146.9 | 150.5 | 146.9 | 143.2 | 135.8 | 128.4 | 128.4 | 124.8 | 113.8 |
| 80° | 106.5 | 102.7 | 102.7 | 102.7 | 99.1 | 102.7 | 95.5 | 95.5 | 88.1 | 84.5 | 77.1 |
| 82.5° | 69.8 | 69.8 | 66.0 | 69.8 | 66.0 | 69.8 | 58.8 | 58.8 | 58.8 | 55.0 | 47.7 |
| 85° | 47.7 | 40.3 | 40.3 | 44.1 | 36.7 | 44.1 | 40.3 | 36.7 | 33.1 | 33.1 | 29.3 |
| 87.5° | 22.1 | 25.7 | 22.1 | 25.7 | 22.1 | 22.1 | 25.7 | 22.1 | 22.1 | 14.7 | 14.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248747

CATALOG NUMBER: LD8B175D010 ER8B1759727 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 |
| 2.5° | 7481.5 | 7485.1 | 7485.1 | 7499.9 | 7507.2 | 7510.8 | 7510.8 | 7540.3 | 7529.2 | 7536.7 | 7543.9 |
| 5° | 7375.1 | 7397.0 | 7404.4 | 7404.4 | 7444.8 | 7459.4 | 7474.1 | 7507.2 | 7510.8 | 7532.9 | 7558.6 |
| 7.5° | 7272.2 | 7297.9 | 7312.7 | 7345.7 | 7371.3 | 7397.0 | 7441.2 | 7463.2 | 7485.1 | 7514.6 | 7547.5 |
| 10° | 7173.1 | 7202.6 | 7231.9 | 7257.6 | 7297.9 | 7331.0 | 7360.3 | 7411.7 | 7437.5 | 7477.9 | 7521.8 |
| 12.5° | 7077.8 | 7118.1 | 7143.8 | 7187.8 | 7231.9 | 7261.2 | 7305.3 | 7353.1 | 7393.4 | 7433.7 | 7485.1 |
| 15° | 6993.3 | 7041.0 | 7070.4 | 7118.1 | 7165.8 | 7206.2 | 7253.9 | 7312.7 | 7342.0 | 7389.8 | 7437.5 |
| 17.5° | 6901.4 | 6952.9 | 6989.7 | 7033.6 | 7092.4 | 7136.4 | 7176.9 | 7235.5 | 7272.2 | 7323.6 | 7378.7 |
| 20° | 6806.1 | 6857.4 | 6901.4 | 6945.5 | 7004.3 | 7048.3 | 7096.0 | 7154.8 | 7195.2 | 7246.5 | 7290.7 |
| 22.5° | 6692.3 | 6740.0 | 6787.6 | 6839.0 | 6897.8 | 6934.5 | 6989.7 | 7041.0 | 7085.0 | 7132.8 | 7176.9 |
| 25° | 6545.4 | 6604.2 | 6640.9 | 6688.5 | 6736.3 | 6776.6 | 6835.4 | 6886.8 | 6923.5 | 6967.6 | 7007.9 |
| 27.5° | 6372.9 | 6417.0 | 6446.3 | 6486.6 | 6534.4 | 6571.1 | 6615.1 | 6666.6 | 6703.3 | 6743.7 | 6773.0 |
| 30° | 6079.1 | 6119.6 | 6145.3 | 6174.6 | 6222.4 | 6255.5 | 6292.2 | 6339.8 | 6365.5 | 6394.9 | 6420.6 |
| 32.5° | 5693.7 | 5726.8 | 5741.4 | 5763.5 | 5796.6 | 5829.5 | 5859.0 | 5899.3 | 5910.3 | 5928.6 | 5928.6 |
| 35° | 5135.8 | 5143.0 | 5139.4 | 5146.8 | 5161.5 | 5179.8 | 5205.5 | 5231.1 | 5245.8 | 5245.8 | 5234.9 |
| 37.5° | 4482.3 | 4438.3 | 4390.6 | 4353.8 | 4342.8 | 4335.4 | 4350.2 | 4361.1 | 4375.9 | 4383.2 | 4364.9 |
| 40° | 3803.2 | 3704.1 | 3597.6 | 3502.1 | 3436.1 | 3406.7 | 3395.7 | 3403.0 | 3403.0 | 3428.6 | 3428.6 |
| 42.5° | 3219.5 | 3065.2 | 2907.5 | 2764.3 | 2668.8 | 2595.5 | 2562.4 | 2562.4 | 2566.0 | 2584.4 | 2595.5 |
| 45° | 2734.9 | 2540.3 | 2356.7 | 2199.0 | 2066.8 | 1971.3 | 1927.3 | 1916.3 | 1912.6 | 1919.9 | 1945.6 |
| 47.5° | 2364.1 | 2162.3 | 1971.3 | 1776.8 | 1637.3 | 1541.8 | 1501.5 | 1486.7 | 1472.0 | 1486.7 | 1490.5 |
| 50° | 2074.2 | 1864.9 | 1663.0 | 1468.4 | 1321.5 | 1237.1 | 1185.7 | 1163.6 | 1160.0 | 1160.0 | 1167.4 |
| 52.5° | 1809.7 | 1615.3 | 1413.4 | 1215.2 | 1060.9 | 980.2 | 932.4 | 921.4 | 906.8 | 921.4 | 921.4 |
| 55° | 1560.1 | 1365.7 | 1167.4 | 980.2 | 851.6 | 767.3 | 723.2 | 708.5 | 701.1 | 712.1 | 712.1 |
| 57.5° | 1288.6 | 1123.3 | 939.9 | 770.9 | 642.5 | 583.7 | 550.6 | 532.3 | 528.6 | 536.0 | 528.6 |
| 60° | 1057.3 | 917.8 | 759.9 | 605.8 | 506.6 | 444.2 | 418.6 | 411.1 | 403.7 | 411.1 | 411.1 |
| 62.5° | 837.0 | 719.5 | 591.0 | 473.6 | 389.1 | 345.1 | 315.7 | 315.7 | 312.0 | 312.0 | 315.7 |
| 65° | 620.4 | 528.6 | 436.8 | 337.7 | 271.7 | 238.6 | 216.5 | 216.5 | 212.9 | 216.5 | 212.9 |
| 67.5° | 451.5 | 389.1 | 315.7 | 246.0 | 194.6 | 176.2 | 161.5 | 150.5 | 157.9 | 150.5 | 146.9 |
| 70° | 330.5 | 278.9 | 227.6 | 187.2 | 150.5 | 132.2 | 121.2 | 117.4 | 110.2 | 110.2 | 110.2 |
| 72.5° | 220.3 | 187.2 | 154.1 | 121.2 | 99.1 | 80.7 | 77.1 | 69.8 | 62.4 | 66.0 | 73.4 |
| 75° | 146.9 | 124.8 | 110.2 | 88.1 | 66.0 | 66.0 | 44.1 | 44.1 | 36.7 | 44.1 | 33.1 |
| 77.5° | 102.7 | 84.5 | 66.0 | 55.0 | 44.1 | 40.3 | 29.3 | 29.3 | 25.7 | 25.7 | 25.7 |
| 80° | 73.4 | 62.4 | 47.7 | 40.3 | 29.3 | 29.3 | 25.7 | 22.1 | 18.3 | 18.3 | 22.1 |
| 82.5° | 44.1 | 33.1 | 33.1 | 29.3 | 18.3 | 14.7 | 11.0 | 14.7 | 7.4 | 7.4 | 7.4 |
| 85° | 25.7 | 22.1 | 18.3 | 11.0 | 7.4 | 7.4 | 3.6 | 0.0 | 3.6 | 3.6 | 0.0 |
| 87.5° | 14.7 | 7.4 | 7.4 | 3.6 | 0.0 | 3.6 | 3.6 | 0.0 | 0.0 | 0.0 | 7.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248747

CATALOG NUMBER: LD8B175D010 ER8B1759727 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 |
| 2.5° | 7562.3 | 7558.6 | 7566.0 | 7566.0 | 7588.0 | 7584.2 | 7595.3 | 7595.3 | 7588.0 | 7591.7 | 7606.3 |
| 5° | 7588.0 | 7599.1 | 7621.0 | 7639.4 | 7672.3 | 7687.1 | 7705.4 | 7723.9 | 7727.5 | 7738.5 | 7749.6 |
| 7.5° | 7588.0 | 7624.7 | 7650.4 | 7683.4 | 7727.5 | 7753.2 | 7793.5 | 7826.6 | 7841.3 | 7859.6 | 7881.6 |
| 10° | 7573.2 | 7609.9 | 7657.7 | 7694.4 | 7749.6 | 7789.9 | 7830.2 | 7881.6 | 7903.7 | 7933.0 | 7962.5 |
| 12.5° | 7543.9 | 7584.2 | 7635.6 | 7683.4 | 7745.8 | 7782.5 | 7833.9 | 7881.6 | 7914.7 | 7955.1 | 7988.1 |
| 15° | 7499.9 | 7547.5 | 7595.3 | 7643.0 | 7709.1 | 7753.2 | 7800.9 | 7855.9 | 7889.0 | 7933.0 | 7962.5 |
| 17.5° | 7430.1 | 7481.5 | 7525.6 | 7569.6 | 7632.0 | 7683.4 | 7727.5 | 7778.9 | 7812.0 | 7848.7 | 7889.0 |
| 20° | 7345.7 | 7393.4 | 7441.2 | 7477.9 | 7540.3 | 7584.2 | 7632.0 | 7679.7 | 7705.4 | 7712.8 | 7775.2 |
| 22.5° | 7239.3 | 7272.2 | 7308.9 | 7367.7 | 7404.4 | 7444.8 | 7488.9 | 7532.9 | 7558.6 | 7599.1 | 7621.0 |
| 25° | 7062.9 | 7096.0 | 7136.4 | 7162.1 | 7206.2 | 7239.3 | 7283.3 | 7331.0 | 7345.7 | 7375.1 | 7397.0 |
| 27.5° | 6817.1 | 6835.4 | 6853.8 | 6875.7 | 6901.4 | 6919.9 | 6945.5 | 6967.6 | 6982.3 | 6996.9 | 7011.6 |
| 30° | 6427.9 | 6427.9 | 6427.9 | 6413.2 | 6424.2 | 6435.3 | 6438.9 | 6435.3 | 6435.3 | 6431.6 | 6431.6 |
| 32.5° | 5914.0 | 5884.7 | 5851.6 | 5822.3 | 5811.2 | 5796.6 | 5789.2 | 5778.1 | 5759.8 | 5748.8 | 5752.4 |
| 35° | 5220.1 | 5154.1 | 5113.7 | 5077.0 | 5047.7 | 5025.6 | 5014.6 | 5003.6 | 5000.0 | 4985.3 | 4970.5 |
| 37.5° | 4353.8 | 4306.1 | 4276.8 | 4254.7 | 4229.0 | 4207.0 | 4210.6 | 4214.4 | 4225.3 | 4218.0 | 4221.6 |
| 40° | 3436.1 | 3425.0 | 3436.1 | 3410.4 | 3403.0 | 3410.4 | 3428.6 | 3454.5 | 3469.1 | 3483.8 | 3509.5 |
| 42.5° | 2613.8 | 2632.0 | 2657.9 | 2657.9 | 2668.8 | 2683.6 | 2705.5 | 2746.0 | 2767.9 | 2793.6 | 2823.0 |
| 45° | 1967.6 | 1989.7 | 2022.8 | 2033.7 | 2041.1 | 2059.4 | 2085.2 | 2118.1 | 2132.8 | 2154.9 | 2180.5 |
| 47.5° | 1516.2 | 1530.8 | 1549.1 | 1567.5 | 1585.8 | 1593.2 | 1618.9 | 1618.9 | 1637.3 | 1652.0 | 1659.2 |
| 50° | 1182.1 | 1196.7 | 1211.4 | 1222.4 | 1229.8 | 1240.8 | 1248.1 | 1259.1 | 1262.8 | 1270.2 | 1273.8 |
| 52.5° | 925.0 | 943.5 | 943.5 | 950.7 | 961.8 | 972.8 | 969.2 | 972.8 | 976.4 | 976.4 | 987.4 |
| 55° | 723.2 | 723.2 | 734.2 | 734.2 | 741.6 | 737.8 | 741.6 | 741.6 | 741.6 | 741.6 | 745.2 |
| 57.5° | 539.6 | 543.4 | 554.4 | 547.0 | 543.4 | 550.6 | 543.4 | 550.6 | 547.0 | 554.4 | 543.4 |
| 60° | 414.8 | 414.8 | 418.6 | 418.6 | 422.2 | 422.2 | 422.2 | 418.6 | 418.6 | 414.8 | 414.8 |
| 62.5° | 312.0 | 315.7 | 319.4 | 315.7 | 315.7 | 315.7 | 312.0 | 312.0 | 308.4 | 304.6 | 304.6 |
| 65° | 209.3 | 205.6 | 212.9 | 205.6 | 209.3 | 209.3 | 205.6 | 209.3 | 198.2 | 201.9 | 198.2 |
| 67.5° | 150.5 | 146.9 | 143.2 | 146.9 | 143.2 | 139.5 | 139.5 | 143.2 | 146.9 | 135.8 | 135.8 |
| 70° | 99.1 | 102.7 | 99.1 | 102.7 | 106.5 | 106.5 | 102.7 | 99.1 | 102.7 | 95.5 | 99.1 |
| 72.5° | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 66.0 | 66.0 | 66.0 | 58.8 | 58.8 | 55.0 |
| 75° | 29.3 | 40.3 | 33.1 | 29.3 | 40.3 | 40.3 | 36.7 | 36.7 | 33.1 | 33.1 | 33.1 |
| 77.5° | 29.3 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 18.3 | 22.1 | 18.3 |
| 80° | 14.7 | 14.7 | 14.7 | 11.0 | 14.7 | 14.7 | 18.3 | 14.7 | 14.7 | 11.0 | 18.3 |
| 82.5° | 7.4 | 7.4 | 7.4 | 0.0 | 3.6 | 7.4 | 7.4 | 3.6 | 7.4 | 7.4 | 3.6 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248747

CATALOG NUMBER: LD8B175D010 ER8B1759727 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 |
| 2.5° | 7602.7 | 7599.1 | 7602.7 | 7606.3 | 7602.7 | 7599.1 | 7602.7 | 7606.3 | 7591.7 | 7588.0 | 7595.3 |
| 5° | 7764.2 | 7764.2 | 7771.5 | 7775.2 | 7771.5 | 7764.2 | 7764.2 | 7749.6 | 7738.5 | 7727.5 | 7723.9 |
| 7.5° | 7903.7 | 7911.1 | 7918.3 | 7922.0 | 7918.3 | 7911.1 | 7903.7 | 7881.6 | 7859.6 | 7841.3 | 7826.6 |
| 10° | 7988.1 | 7999.2 | 8013.8 | 8021.1 | 8013.8 | 7999.2 | 7988.1 | 7962.5 | 7933.0 | 7903.7 | 7881.6 |
| 12.5° | 8024.9 | 8035.9 | 8054.2 | 8050.5 | 8054.2 | 8035.9 | 8024.9 | 7988.1 | 7955.1 | 7914.7 | 7881.6 |
| 15° | 7999.2 | 8013.8 | 8032.1 | 8039.5 | 8032.1 | 8013.8 | 7999.2 | 7962.5 | 7933.0 | 7889.0 | 7855.9 |
| 17.5° | 7918.3 | 7940.4 | 7951.4 | 7962.5 | 7951.4 | 7940.4 | 7918.3 | 7889.0 | 7848.7 | 7812.0 | 7778.9 |
| 20° | 7808.2 | 7823.0 | 7837.6 | 7841.3 | 7837.6 | 7823.0 | 7808.2 | 7775.2 | 7712.8 | 7705.4 | 7679.7 |
| 22.5° | 7650.4 | 7661.5 | 7694.4 | 7683.4 | 7694.4 | 7661.5 | 7650.4 | 7621.0 | 7599.1 | 7558.6 | 7532.9 |
| 25° | 7422.7 | 7433.7 | 7437.5 | 7441.2 | 7437.5 | 7433.7 | 7422.7 | 7397.0 | 7375.1 | 7345.7 | 7331.0 |
| 27.5° | 7030.0 | 7030.0 | 7037.3 | 7041.0 | 7037.3 | 7030.0 | 7030.0 | 7011.6 | 6996.9 | 6982.3 | 6967.6 |
| 30° | 6435.3 | 6435.3 | 6435.3 | 6453.7 | 6435.3 | 6435.3 | 6435.3 | 6431.6 | 6431.6 | 6435.3 | 6435.3 |
| 32.5° | 5748.8 | 5741.4 | 5734.2 | 5741.4 | 5734.2 | 5741.4 | 5748.8 | 5752.4 | 5748.8 | 5759.8 | 5778.1 |
| 35° | 4970.5 | 4966.9 | 4977.9 | 4963.2 | 4977.9 | 4966.9 | 4970.5 | 4970.5 | 4985.3 | 5000.0 | 5003.6 |
| 37.5° | 4225.3 | 4218.0 | 4232.7 | 4218.0 | 4232.7 | 4218.0 | 4225.3 | 4221.6 | 4218.0 | 4225.3 | 4214.4 |
| 40° | 3516.9 | 3524.1 | 3524.1 | 3553.6 | 3524.1 | 3524.1 | 3516.9 | 3509.5 | 3483.8 | 3469.1 | 3454.5 |
| 42.5° | 2837.7 | 2859.8 | 2852.3 | 2874.4 | 2852.3 | 2859.8 | 2837.7 | 2823.0 | 2793.6 | 2767.9 | 2746.0 |
| 45° | 2195.2 | 2210.0 | 2210.0 | 2217.3 | 2210.0 | 2210.0 | 2195.2 | 2180.5 | 2154.9 | 2132.8 | 2118.1 |
| 47.5° | 1684.9 | 1684.9 | 1684.9 | 1688.7 | 1684.9 | 1684.9 | 1684.9 | 1659.2 | 1652.0 | 1637.3 | 1618.9 |
| 50° | 1281.2 | 1284.8 | 1288.6 | 1292.2 | 1288.6 | 1284.8 | 1281.2 | 1273.8 | 1270.2 | 1262.8 | 1259.1 |
| 52.5° | 983.8 | 987.4 | 980.2 | 987.4 | 980.2 | 987.4 | 983.8 | 987.4 | 976.4 | 976.4 | 972.8 |
| 55° | 745.2 | 741.6 | 745.2 | 748.9 | 745.2 | 741.6 | 745.2 | 745.2 | 741.6 | 741.6 | 741.6 |
| 57.5° | 547.0 | 539.6 | 539.6 | 539.6 | 539.6 | 539.6 | 547.0 | 543.4 | 554.4 | 547.0 | 550.6 |
| 60° | 407.5 | 411.1 | 411.1 | 414.8 | 411.1 | 411.1 | 407.5 | 414.8 | 414.8 | 418.6 | 418.6 |
| 62.5° | 301.0 | 312.0 | 304.6 | 312.0 | 304.6 | 312.0 | 301.0 | 304.6 | 304.6 | 308.4 | 312.0 |
| 65° | 194.6 | 194.6 | 194.6 | 198.2 | 194.6 | 194.6 | 194.6 | 198.2 | 201.9 | 198.2 | 209.3 |
| 67.5° | 132.2 | 135.8 | 143.2 | 139.5 | 143.2 | 135.8 | 132.2 | 135.8 | 135.8 | 146.9 | 143.2 |
| 70° | 106.5 | 95.5 | 95.5 | 106.5 | 95.5 | 95.5 | 106.5 | 99.1 | 95.5 | 102.7 | 99.1 |
| 72.5° | 62.4 | 55.0 | 62.4 | 62.4 | 62.4 | 55.0 | 62.4 | 55.0 | 58.8 | 58.8 | 66.0 |
| 75° | 33.1 | 29.3 | 25.7 | 36.7 | 25.7 | 29.3 | 33.1 | 33.1 | 33.1 | 33.1 | 36.7 |
| 77.5° | 22.1 | 18.3 | 25.7 | 25.7 | 25.7 | 18.3 | 22.1 | 18.3 | 22.1 | 18.3 | 22.1 |
| 80° | 11.0 | 14.7 | 11.0 | 18.3 | 11.0 | 14.7 | 11.0 | 18.3 | 11.0 | 14.7 | 14.7 |
| 82.5° | 3.6 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 3.6 | 3.6 | 7.4 | 7.4 | 3.6 |
| 85° | 0.0 | 7.4 | 3.6 | 3.6 | 3.6 | 7.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 3.6 | 0.0 | 0.0 | 3.6 | 0.0 | 0.0 | 3.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248747

CATALOG NUMBER: LD8B175D010 ER8B1759727 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 |
| 2.5° | 7595.3 | 7584.2 | 7588.0 | 7566.0 | 7566.0 | 7558.6 | 7562.3 | 7543.9 | 7536.7 | 7529.2 | 7540.3 |
| 5° | 7705.4 | 7687.1 | 7672.3 | 7639.4 | 7621.0 | 7599.1 | 7588.0 | 7558.6 | 7532.9 | 7510.8 | 7507.2 |
| 7.5° | 7793.5 | 7753.2 | 7727.5 | 7683.4 | 7650.4 | 7624.7 | 7588.0 | 7547.5 | 7514.6 | 7485.1 | 7463.2 |
| 10° | 7830.2 | 7789.9 | 7749.6 | 7694.4 | 7657.7 | 7609.9 | 7573.2 | 7521.8 | 7477.9 | 7437.5 | 7411.7 |
| 12.5° | 7833.9 | 7782.5 | 7745.8 | 7683.4 | 7635.6 | 7584.2 | 7543.9 | 7485.1 | 7433.7 | 7393.4 | 7353.1 |
| 15° | 7800.9 | 7753.2 | 7709.1 | 7643.0 | 7595.3 | 7547.5 | 7499.9 | 7437.5 | 7389.8 | 7342.0 | 7312.7 |
| 17.5° | 7727.5 | 7683.4 | 7632.0 | 7569.6 | 7525.6 | 7481.5 | 7430.1 | 7378.7 | 7323.6 | 7272.2 | 7235.5 |
| 20° | 7632.0 | 7584.2 | 7540.3 | 7477.9 | 7441.2 | 7393.4 | 7345.7 | 7290.7 | 7246.5 | 7195.2 | 7154.8 |
| 22.5° | 7488.9 | 7444.8 | 7404.4 | 7367.7 | 7308.9 | 7272.2 | 7239.3 | 7176.9 | 7132.8 | 7085.0 | 7041.0 |
| 25° | 7283.3 | 7239.3 | 7206.2 | 7162.1 | 7136.4 | 7096.0 | 7062.9 | 7007.9 | 6967.6 | 6923.5 | 6886.8 |
| 27.5° | 6945.5 | 6919.9 | 6901.4 | 6875.7 | 6853.8 | 6835.4 | 6817.1 | 6773.0 | 6743.7 | 6703.3 | 6666.6 |
| 30° | 6438.9 | 6435.3 | 6424.2 | 6413.2 | 6427.9 | 6427.9 | 6427.9 | 6420.6 | 6394.9 | 6365.5 | 6339.8 |
| 32.5° | 5789.2 | 5796.6 | 5811.2 | 5822.3 | 5851.6 | 5884.7 | 5914.0 | 5928.6 | 5928.6 | 5910.3 | 5899.3 |
| 35° | 5014.6 | 5025.6 | 5047.7 | 5077.0 | 5113.7 | 5154.1 | 5220.1 | 5234.9 | 5245.8 | 5245.8 | 5231.1 |
| 37.5° | 4210.6 | 4207.0 | 4229.0 | 4254.7 | 4276.8 | 4306.1 | 4353.8 | 4364.9 | 4383.2 | 4375.9 | 4361.1 |
| 40° | 3428.6 | 3410.4 | 3403.0 | 3410.4 | 3436.1 | 3425.0 | 3436.1 | 3428.6 | 3428.6 | 3403.0 | 3403.0 |
| 42.5° | 2705.5 | 2683.6 | 2668.8 | 2657.9 | 2657.9 | 2632.0 | 2613.8 | 2595.5 | 2584.4 | 2566.0 | 2562.4 |
| 45° | 2085.2 | 2059.4 | 2041.1 | 2033.7 | 2022.8 | 1989.7 | 1967.6 | 1945.6 | 1919.9 | 1912.6 | 1916.3 |
| 47.5° | 1618.9 | 1593.2 | 1585.8 | 1567.5 | 1549.1 | 1530.8 | 1516.2 | 1490.5 | 1486.7 | 1472.0 | 1486.7 |
| 50° | 1248.1 | 1240.8 | 1229.8 | 1222.4 | 1211.4 | 1196.7 | 1182.1 | 1167.4 | 1160.0 | 1160.0 | 1163.6 |
| 52.5° | 969.2 | 972.8 | 961.8 | 950.7 | 943.5 | 943.5 | 925.0 | 921.4 | 921.4 | 906.8 | 921.4 |
| 55° | 741.6 | 737.8 | 741.6 | 734.2 | 734.2 | 723.2 | 723.2 | 712.1 | 712.1 | 701.1 | 708.5 |
| 57.5° | 543.4 | 550.6 | 543.4 | 547.0 | 554.4 | 543.4 | 539.6 | 528.6 | 536.0 | 528.6 | 532.3 |
| 60° | 422.2 | 422.2 | 422.2 | 418.6 | 418.6 | 414.8 | 414.8 | 411.1 | 411.1 | 403.7 | 411.1 |
| 62.5° | 312.0 | 315.7 | 315.7 | 315.7 | 319.4 | 315.7 | 312.0 | 315.7 | 312.0 | 312.0 | 315.7 |
| 65° | 205.6 | 209.3 | 209.3 | 205.6 | 212.9 | 205.6 | 209.3 | 212.9 | 216.5 | 212.9 | 216.5 |
| 67.5° | 139.5 | 139.5 | 143.2 | 146.9 | 143.2 | 146.9 | 150.5 | 146.9 | 150.5 | 157.9 | 150.5 |
| 70° | 102.7 | 106.5 | 106.5 | 102.7 | 99.1 | 102.7 | 99.1 | 110.2 | 110.2 | 110.2 | 117.4 |
| 72.5° | 66.0 | 66.0 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 73.4 | 66.0 | 62.4 | 69.8 |
| 75° | 36.7 | 40.3 | 40.3 | 29.3 | 33.1 | 40.3 | 29.3 | 33.1 | 44.1 | 36.7 | 44.1 |
| 77.5° | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 29.3 | 25.7 | 25.7 | 25.7 | 29.3 |
| 80° | 18.3 | 14.7 | 14.7 | 11.0 | 14.7 | 14.7 | 14.7 | 22.1 | 18.3 | 18.3 | 22.1 |
| 82.5° | 7.4 | 7.4 | 3.6 | 0.0 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 14.7 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.6 | 3.6 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.4 | 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: P248747

CATALOG NUMBER: LD8B175D010 ER8B1759727 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 |
| 2.5° | 7510.8 | 7510.8 | 7507.2 | 7499.9 | 7485.1 | 7485.1 | 7481.5 | 7470.5 | 7463.2 | 7459.4 | 7459.4 |
| 5° | 7474.1 | 7459.4 | 7444.8 | 7404.4 | 7404.4 | 7397.0 | 7375.1 | 7360.3 | 7353.1 | 7334.6 | 7327.4 |
| 7.5° | 7441.2 | 7397.0 | 7371.3 | 7345.7 | 7312.7 | 7297.9 | 7272.2 | 7261.2 | 7235.5 | 7217.2 | 7206.2 |
| 10° | 7360.3 | 7331.0 | 7297.9 | 7257.6 | 7231.9 | 7202.6 | 7173.1 | 7151.2 | 7118.1 | 7099.7 | 7085.0 |
| 12.5° | 7305.3 | 7261.2 | 7231.9 | 7187.8 | 7143.8 | 7118.1 | 7077.8 | 7052.1 | 7019.0 | 6982.3 | 6960.2 |
| 15° | 7253.9 | 7206.2 | 7165.8 | 7118.1 | 7070.4 | 7041.0 | 6993.3 | 6964.0 | 6916.2 | 6879.5 | 6853.8 |
| 17.5° | 7176.9 | 7136.4 | 7092.4 | 7033.6 | 6989.7 | 6952.9 | 6901.4 | 6864.9 | 6820.7 | 6773.0 | 6747.3 |
| 20° | 7096.0 | 7048.3 | 7004.3 | 6945.5 | 6901.4 | 6857.4 | 6806.1 | 6765.7 | 6714.2 | 6670.2 | 6640.9 |
| 22.5° | 6989.7 | 6934.5 | 6897.8 | 6839.0 | 6787.6 | 6740.0 | 6692.3 | 6644.5 | 6596.8 | 6560.1 | 6527.0 |
| 25° | 6835.4 | 6776.6 | 6736.3 | 6688.5 | 6640.9 | 6604.2 | 6545.4 | 6516.1 | 6468.4 | 6435.3 | 6402.2 |
| 27.5° | 6615.1 | 6571.1 | 6534.4 | 6486.6 | 6446.3 | 6417.0 | 6372.9 | 6343.6 | 6303.1 | 6273.7 | 6248.1 |
| 30° | 6292.2 | 6255.5 | 6222.4 | 6174.6 | 6145.3 | 6119.6 | 6079.1 | 6053.4 | 6024.1 | 5991.0 | 5983.8 |
| 32.5° | 5859.0 | 5829.5 | 5796.6 | 5763.5 | 5741.4 | 5726.8 | 5693.7 | 5679.0 | 5649.7 | 5631.3 | 5613.0 |
| 35° | 5205.5 | 5179.8 | 5161.5 | 5146.8 | 5139.4 | 5143.0 | 5135.8 | 5150.5 | 5157.7 | 5154.1 | 5157.7 |
| 37.5° | 4350.2 | 4335.4 | 4342.8 | 4353.8 | 4390.6 | 4438.3 | 4482.3 | 4548.3 | 4592.4 | 4636.6 | 4676.9 |
| 40° | 3395.7 | 3406.7 | 3436.1 | 3502.1 | 3597.6 | 3704.1 | 3803.2 | 3928.0 | 4052.8 | 4140.9 | 4221.6 |
| 42.5° | 2562.4 | 2595.5 | 2668.8 | 2764.3 | 2907.5 | 3065.2 | 3219.5 | 3403.0 | 3553.6 | 3700.3 | 3803.2 |
| 45° | 1927.3 | 1971.3 | 2066.8 | 2199.0 | 2356.7 | 2540.3 | 2734.9 | 2940.4 | 3120.4 | 3270.9 | 3384.7 |
| 47.5° | 1501.5 | 1541.8 | 1637.3 | 1776.8 | 1971.3 | 2162.3 | 2364.1 | 2577.0 | 2764.3 | 2911.1 | 3010.2 |
| 50° | 1185.7 | 1237.1 | 1321.5 | 1468.4 | 1663.0 | 1864.9 | 2074.2 | 2283.3 | 2459.6 | 2584.4 | 2672.5 |
| 52.5° | 932.4 | 980.2 | 1060.9 | 1215.2 | 1413.4 | 1615.3 | 1809.7 | 2015.4 | 2169.5 | 2290.7 | 2349.5 |
| 55° | 723.2 | 767.3 | 851.6 | 980.2 | 1167.4 | 1365.7 | 1560.1 | 1736.5 | 1879.6 | 1967.6 | 2022.8 |
| 57.5° | 550.6 | 583.7 | 642.5 | 770.9 | 939.9 | 1123.3 | 1288.6 | 1464.8 | 1574.9 | 1637.3 | 1673.9 |
| 60° | 418.6 | 444.2 | 506.6 | 605.8 | 759.9 | 917.8 | 1057.3 | 1189.5 | 1277.6 | 1328.9 | 1365.7 |
| 62.5° | 315.7 | 345.1 | 389.1 | 473.6 | 591.0 | 719.5 | 837.0 | 936.1 | 1009.5 | 1042.6 | 1068.3 |
| 65° | 216.5 | 238.6 | 271.7 | 337.7 | 436.8 | 528.6 | 620.4 | 693.9 | 741.6 | 778.3 | 793.0 |
| 67.5° | 161.5 | 176.2 | 194.6 | 246.0 | 315.7 | 389.1 | 451.5 | 502.9 | 554.4 | 569.0 | 594.7 |
| 70° | 121.2 | 132.2 | 150.5 | 187.2 | 227.6 | 278.9 | 330.5 | 359.8 | 396.5 | 422.2 | 429.6 |
| 72.5° | 77.1 | 80.7 | 99.1 | 121.2 | 154.1 | 187.2 | 220.3 | 246.0 | 268.1 | 282.7 | 290.0 |
| 75° | 44.1 | 66.0 | 66.0 | 88.1 | 110.2 | 124.8 | 146.9 | 165.2 | 176.2 | 187.2 | 187.2 |
| 77.5° | 29.3 | 40.3 | 44.1 | 55.0 | 66.0 | 84.5 | 102.7 | 113.8 | 124.8 | 128.4 | 128.4 |
| 80° | 25.7 | 29.3 | 29.3 | 40.3 | 47.7 | 62.4 | 73.4 | 77.1 | 84.5 | 88.1 | 95.5 |
| 82.5° | 11.0 | 14.7 | 18.3 | 29.3 | 33.1 | 33.1 | 44.1 | 47.7 | 55.0 | 58.8 | 58.8 |
| 85° | 3.6 | 7.4 | 7.4 | 11.0 | 18.3 | 22.1 | 25.7 | 29.3 | 33.1 | 33.1 | 36.7 |
| 87.5° | 3.6 | 3.6 | 0.0 | 3.6 | 7.4 | 7.4 | 14.7 | 14.7 | 14.7 | 22.1 | 22.1 |
| 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: P248747

CATALOG NUMBER: LD8B175D010 ER8B1759727 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 | 7518.2 |
| 2.5° | 7452.2 | 7455.8 | 7441.2 | 7437.5 | 7430.1 | 7433.7 | 7441.2 |
| 5° | 7316.3 | 7320.0 | 7305.3 | 7290.7 | 7290.7 | 7286.9 | 7290.7 |
| 7.5° | 7187.8 | 7191.5 | 7169.5 | 7162.1 | 7147.4 | 7151.2 | 7151.2 |
| 10° | 7059.3 | 7059.3 | 7026.4 | 7022.6 | 7011.6 | 7007.9 | 7007.9 |
| 12.5° | 6934.5 | 6923.5 | 6897.8 | 6883.1 | 6890.5 | 6868.5 | 6868.5 |
| 15° | 6824.4 | 6806.1 | 6773.0 | 6762.0 | 6743.7 | 6736.3 | 6736.3 |
| 17.5° | 6710.6 | 6695.9 | 6666.6 | 6644.5 | 6622.5 | 6618.9 | 6622.5 |
| 20° | 6600.4 | 6585.8 | 6549.0 | 6534.4 | 6516.1 | 6516.1 | 6508.7 |
| 22.5° | 6490.3 | 6475.6 | 6442.7 | 6431.6 | 6406.0 | 6406.0 | 6409.6 |
| 25° | 6376.5 | 6365.5 | 6328.7 | 6321.5 | 6317.9 | 6303.1 | 6310.5 |
| 27.5° | 6222.4 | 6215.0 | 6185.6 | 6174.6 | 6160.0 | 6156.3 | 6163.6 |
| 30° | 5939.7 | 5928.6 | 5906.7 | 5895.7 | 5870.0 | 5873.6 | 5880.9 |
| 32.5° | 5587.3 | 5572.6 | 5543.2 | 5532.1 | 5510.2 | 5502.8 | 5506.4 |
| 35° | 5146.8 | 5135.8 | 5110.1 | 5110.1 | 5088.0 | 5080.6 | 5088.0 |
| 37.5° | 4699.0 | 4709.8 | 4699.0 | 4709.8 | 4699.0 | 4695.2 | 4699.0 |
| 40° | 4276.8 | 4317.1 | 4324.4 | 4364.9 | 4350.2 | 4372.1 | 4368.5 |
| 42.5° | 3872.9 | 3938.9 | 3964.8 | 3997.7 | 3990.4 | 4005.1 | 4016.1 |
| 45° | 3465.4 | 3520.5 | 3546.2 | 3568.3 | 3571.9 | 3579.3 | 3582.9 |
| 47.5° | 3079.9 | 3124.0 | 3127.7 | 3153.3 | 3149.7 | 3149.7 | 3160.7 |
| 50° | 2720.3 | 2749.6 | 2756.9 | 2775.3 | 2760.6 | 2753.2 | 2756.9 |
| 52.5° | 2386.2 | 2415.5 | 2408.1 | 2415.5 | 2397.2 | 2389.8 | 2393.5 |
| 55° | 2044.7 | 2059.4 | 2059.4 | 2059.4 | 2037.5 | 2037.5 | 2037.5 |
| 57.5° | 1696.0 | 1699.7 | 1692.3 | 1696.0 | 1692.3 | 1670.3 | 1666.7 |
| 60° | 1376.7 | 1376.7 | 1372.9 | 1376.7 | 1365.7 | 1354.6 | 1354.6 |
| 62.5° | 1075.5 | 1082.9 | 1097.6 | 1082.9 | 1075.5 | 1082.9 | 1071.9 |
| 65° | 804.0 | 818.7 | 814.9 | 822.3 | 818.7 | 818.7 | 811.3 |
| 67.5° | 605.8 | 609.4 | 613.0 | 616.8 | 616.8 | 616.8 | 616.8 |
| 70° | 444.2 | 455.3 | 451.5 | 451.5 | 451.5 | 451.5 | 473.6 |
| 72.5° | 297.4 | 312.0 | 308.4 | 315.7 | 315.7 | 323.1 | 315.7 |
| 75° | 201.9 | 216.5 | 209.3 | 220.3 | 216.5 | 209.3 | 227.6 |
| 77.5° | 135.8 | 143.2 | 146.9 | 150.5 | 146.9 | 143.2 | 146.9 |
| 80° | 95.5 | 102.7 | 99.1 | 102.7 | 102.7 | 102.7 | 106.5 |
| 82.5° | 58.8 | 69.8 | 66.0 | 69.8 | 66.0 | 69.8 | 69.8 |
| 85° | 40.3 | 44.1 | 36.7 | 44.1 | 40.3 | 40.3 | 47.7 |
| 87.5° | 25.7 | 22.1 | 22.1 | 25.7 | 22.1 | 25.7 | 22.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)