

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: P248619

Luminaire Tested: **LD8B120D010 ER8B120940 8LBSW0H**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P248619
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 ER8B120940 8LBSW0H
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT
90 CRI 4000 CCT WITH SEMI-SPECULAR CLEAR TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10983.0 lumens
Efficiency: N/A
Efficacy: 92.8 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

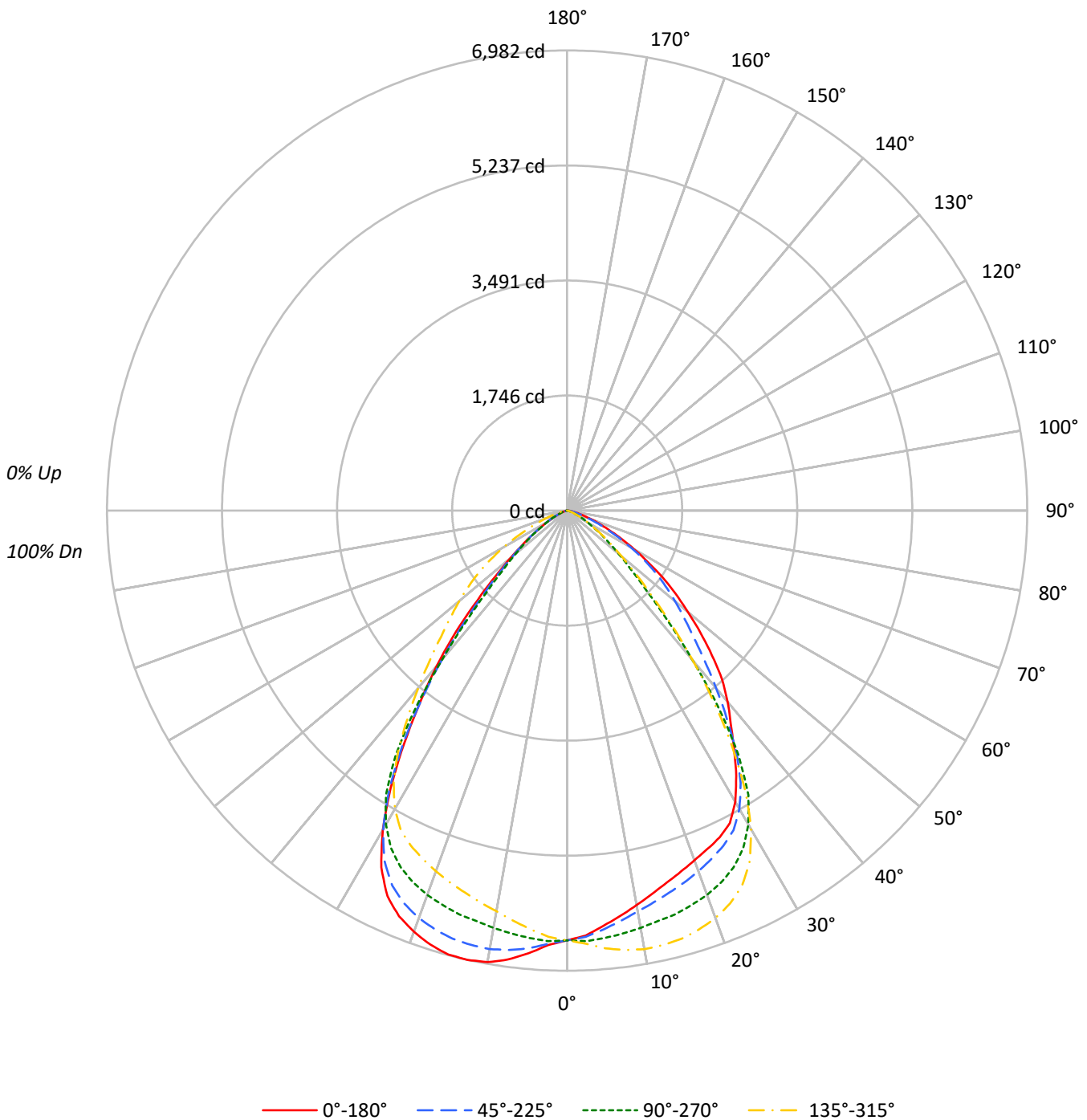
Input Watts (W): 118.3
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P248619

CATALOG NUMBER: LD8B120D010 ER8B120940 8LBSW0H

Luminous Intensity Polar Plot





TEST NUMBER: P248619

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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 | 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° | 201062 | 201062 | 201062 | 201062 |
| 5° | 195720 | 201533 | 208730 | 201533 |
| 10° | 190305 | 201270 | 217819 | 201270 |
| 15° | 186504 | 202463 | 222588 | 202463 |
| 20° | 185233 | 203622 | 223157 | 203622 |
| 25° | 186207 | 203212 | 219571 | 203212 |
| 30° | 181605 | 195773 | 199291 | 195773 |
| 35° | 166113 | 170784 | 162036 | 170784 |
| 40° | 152506 | 118801 | 124059 | 118801 |
| 45° | 135507 | 72474 | 83856 | 72474 |
| 50° | 114698 | 48414 | 53763 | 48414 |
| 55° | 94997 | 33036 | 34918 | 33036 |
| 60° | 72453 | 21992 | 22184 | 21992 |
| 65° | 51338 | 13703 | 12543 | 13703 |
| 70° | 37028 | 9178 | 8331 | 9178 |
| 75° | 23519 | 4563 | 3789 | 4563 |
| 80° | 16408 | 3392 | 2824 | 3392 |
| 85° | 14648 | 0 | 1097 | 0 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 620.6 | 5.7 |
| 10°-20° | 1797.2 | 16.4 |
| 20°-30° | 2721.3 | 24.8 |
| 30°-40° | 2727.4 | 24.8 |
| 40°-50° | 1712.7 | 15.6 |
| 50°-60° | 912.7 | 8.3 |
| 60°-70° | 375.3 | 3.4 |
| 70°-80° | 99.2 | 0.9 |
| 80°-90° | 16.8 | 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° | 5139.0 | 46.8 |
| 0°-40° | 7866.4 | 71.6 |
| 0°-60° | 10491.8 | 95.5 |
| 0°-90° | 10983.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 10983.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 6520 | 6520 | 6520 | 6520 | 6520 | |
| 5° | 6323 | 6511 | 6743 | 6511 | 6323 | 596 |
| 15° | 5842 | 6342 | 6972 | 6342 | 5842 | 1652 |
| 25° | 5473 | 5973 | 6453 | 5973 | 5473 | 2510 |
| 35° | 4413 | 4537 | 4304 | 4537 | 4413 | 2765 |
| 45° | 3107 | 1662 | 1923 | 1662 | 3107 | 2390 |
| 55° | 1767 | 614 | 650 | 614 | 1767 | 1575 |
| 65° | 704 | 188 | 172 | 188 | 704 | 730 |
| 75° | 197 | 38 | 32 | 38 | 197 | 224 |
| 85° | 41 | 0 | 3 | 0 | 41 | 45 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P248619

CATALOG NUMBER: LD8B120D010 ER8B120940 8LBSW0H

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 |
| 2.5° | 6453.4 | 6447.0 | 6443.9 | 6450.3 | 6453.4 | 6466.1 | 6463.0 | 6469.3 | 6469.3 | 6472.6 | 6478.8 |
| 5° | 6322.9 | 6319.6 | 6322.9 | 6322.9 | 6335.6 | 6348.3 | 6345.2 | 6354.7 | 6361.0 | 6377.0 | 6383.3 |
| 7.5° | 6202.0 | 6202.0 | 6198.7 | 6211.4 | 6217.8 | 6236.9 | 6233.7 | 6249.7 | 6259.2 | 6275.1 | 6297.4 |
| 10° | 6077.7 | 6077.7 | 6080.9 | 6090.4 | 6093.7 | 6122.3 | 6122.3 | 6144.6 | 6157.3 | 6173.3 | 6202.0 |
| 12.5° | 5956.8 | 5956.8 | 5975.9 | 5969.5 | 5982.2 | 6004.5 | 6014.0 | 6036.3 | 6055.4 | 6087.3 | 6116.0 |
| 15° | 5842.1 | 5842.1 | 5848.5 | 5864.4 | 5873.9 | 5902.6 | 5918.5 | 5944.1 | 5966.3 | 5998.2 | 6039.6 |
| 17.5° | 5743.4 | 5740.3 | 5743.4 | 5762.6 | 5781.7 | 5807.1 | 5819.8 | 5851.7 | 5873.9 | 5915.4 | 5953.6 |
| 20° | 5644.7 | 5651.2 | 5651.2 | 5667.0 | 5679.7 | 5711.6 | 5724.3 | 5759.4 | 5784.8 | 5823.0 | 5867.7 |
| 22.5° | 5558.8 | 5555.6 | 5555.6 | 5577.9 | 5587.5 | 5616.1 | 5628.8 | 5660.6 | 5689.3 | 5721.1 | 5762.6 |
| 25° | 5472.8 | 5466.4 | 5479.2 | 5482.4 | 5488.7 | 5520.5 | 5530.1 | 5552.4 | 5581.1 | 5609.8 | 5651.2 |
| 27.5° | 5345.4 | 5339.2 | 5342.3 | 5355.0 | 5364.6 | 5390.0 | 5396.4 | 5418.7 | 5441.0 | 5466.4 | 5501.5 |
| 30° | 5100.3 | 5094.0 | 5090.8 | 5113.1 | 5122.7 | 5141.7 | 5151.2 | 5189.5 | 5195.8 | 5224.5 | 5249.9 |
| 32.5° | 4775.5 | 4772.4 | 4778.8 | 4797.8 | 4807.4 | 4832.9 | 4845.6 | 4867.9 | 4883.8 | 4899.8 | 4925.2 |
| 35° | 4412.7 | 4406.2 | 4412.7 | 4431.8 | 4431.8 | 4454.1 | 4463.6 | 4473.1 | 4469.9 | 4473.1 | 4466.8 |
| 37.5° | 4075.2 | 4072.0 | 4075.2 | 4084.7 | 4075.2 | 4084.7 | 4075.2 | 4056.1 | 4021.1 | 3982.8 | 3944.6 |
| 40° | 3788.6 | 3791.8 | 3772.8 | 3785.5 | 3750.4 | 3744.1 | 3709.1 | 3661.3 | 3591.3 | 3514.9 | 3406.6 |
| 42.5° | 3483.0 | 3473.5 | 3460.8 | 3467.0 | 3438.5 | 3416.1 | 3358.8 | 3298.4 | 3209.2 | 3081.9 | 2951.3 |
| 45° | 3107.3 | 3104.2 | 3097.8 | 3094.6 | 3075.5 | 3053.2 | 3005.4 | 2935.4 | 2836.7 | 2706.2 | 2550.1 |
| 47.5° | 2741.2 | 2731.6 | 2731.6 | 2734.8 | 2712.5 | 2709.3 | 2671.1 | 2610.7 | 2524.7 | 2397.3 | 2235.0 |
| 50° | 2390.9 | 2387.8 | 2394.2 | 2406.9 | 2390.9 | 2384.6 | 2359.2 | 2317.8 | 2241.4 | 2133.1 | 1980.2 |
| 52.5° | 2075.7 | 2072.6 | 2079.0 | 2094.9 | 2088.5 | 2094.9 | 2069.5 | 2037.6 | 1986.6 | 1881.5 | 1747.9 |
| 55° | 1767.0 | 1767.0 | 1767.0 | 1786.0 | 1786.0 | 1786.0 | 1773.3 | 1754.3 | 1706.5 | 1630.1 | 1506.0 |
| 57.5° | 1445.4 | 1448.6 | 1467.7 | 1470.8 | 1467.7 | 1474.1 | 1470.8 | 1451.7 | 1420.0 | 1365.9 | 1270.3 |
| 60° | 1174.8 | 1174.8 | 1184.4 | 1193.9 | 1190.7 | 1193.9 | 1193.9 | 1184.4 | 1152.5 | 1108.0 | 1031.6 |
| 62.5° | 929.6 | 939.2 | 932.8 | 939.2 | 951.9 | 939.2 | 932.8 | 926.5 | 904.2 | 875.5 | 811.8 |
| 65° | 703.6 | 710.0 | 710.0 | 713.1 | 706.7 | 710.0 | 697.3 | 687.7 | 675.0 | 643.2 | 601.8 |
| 67.5° | 534.9 | 534.9 | 534.9 | 534.9 | 531.6 | 528.5 | 525.4 | 515.8 | 493.5 | 480.8 | 436.1 |
| 70° | 410.7 | 391.6 | 391.6 | 391.6 | 391.6 | 394.8 | 385.3 | 372.6 | 366.1 | 343.9 | 312.0 |
| 72.5° | 273.8 | 280.2 | 273.8 | 273.8 | 267.5 | 270.6 | 257.9 | 251.5 | 245.2 | 232.5 | 213.3 |
| 75° | 197.4 | 181.5 | 187.8 | 191.1 | 181.5 | 187.8 | 175.1 | 162.4 | 162.4 | 152.8 | 143.2 |
| 77.5° | 127.4 | 124.2 | 127.4 | 130.5 | 127.4 | 124.2 | 117.8 | 111.4 | 111.4 | 108.2 | 98.7 |
| 80° | 92.4 | 89.1 | 89.1 | 89.1 | 86.0 | 89.1 | 82.8 | 82.8 | 76.4 | 73.3 | 66.8 |
| 82.5° | 60.5 | 60.5 | 57.3 | 60.5 | 57.3 | 60.5 | 51.0 | 51.0 | 51.0 | 47.7 | 41.4 |
| 85° | 41.4 | 35.0 | 35.0 | 38.3 | 31.8 | 38.3 | 35.0 | 31.8 | 28.7 | 28.7 | 25.4 |
| 87.5° | 19.1 | 22.3 | 19.1 | 22.3 | 19.1 | 19.1 | 22.3 | 19.1 | 19.1 | 12.7 | 12.7 |
| 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: P248619

CATALOG NUMBER: LD8B120D010 ER8B120940 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 |
| 2.5° | 6488.4 | 6491.6 | 6491.6 | 6504.4 | 6510.7 | 6513.8 | 6513.8 | 6539.4 | 6529.8 | 6536.2 | 6542.5 |
| 5° | 6396.2 | 6415.2 | 6421.6 | 6421.6 | 6456.6 | 6469.3 | 6482.0 | 6510.7 | 6513.8 | 6533.0 | 6555.2 |
| 7.5° | 6306.9 | 6329.2 | 6342.0 | 6370.6 | 6392.9 | 6415.2 | 6453.4 | 6472.6 | 6491.6 | 6517.1 | 6545.7 |
| 10° | 6221.0 | 6246.5 | 6271.9 | 6294.2 | 6329.2 | 6357.9 | 6383.3 | 6427.9 | 6450.3 | 6485.3 | 6523.4 |
| 12.5° | 6138.3 | 6173.3 | 6195.5 | 6233.7 | 6271.9 | 6297.4 | 6335.6 | 6377.0 | 6412.0 | 6447.0 | 6491.6 |
| 15° | 6065.0 | 6106.4 | 6131.8 | 6173.3 | 6214.7 | 6249.7 | 6291.1 | 6342.0 | 6367.5 | 6408.9 | 6450.3 |
| 17.5° | 5985.3 | 6030.0 | 6061.9 | 6100.0 | 6151.0 | 6189.1 | 6224.2 | 6275.1 | 6306.9 | 6351.5 | 6399.3 |
| 20° | 5902.6 | 5947.2 | 5985.3 | 6023.6 | 6074.6 | 6112.7 | 6154.1 | 6205.1 | 6240.1 | 6284.6 | 6322.9 |
| 22.5° | 5804.0 | 5845.4 | 5886.7 | 5931.2 | 5982.2 | 6014.0 | 6061.9 | 6106.4 | 6144.6 | 6186.0 | 6224.2 |
| 25° | 5676.6 | 5727.6 | 5759.4 | 5800.7 | 5842.1 | 5877.1 | 5928.1 | 5972.6 | 6004.5 | 6042.7 | 6077.7 |
| 27.5° | 5526.9 | 5565.2 | 5590.6 | 5625.6 | 5667.0 | 5698.9 | 5737.0 | 5781.7 | 5813.5 | 5848.5 | 5873.9 |
| 30° | 5272.2 | 5307.3 | 5329.6 | 5355.0 | 5396.4 | 5425.1 | 5457.0 | 5498.2 | 5520.5 | 5546.1 | 5568.4 |
| 32.5° | 4937.9 | 4966.6 | 4979.3 | 4998.4 | 5027.1 | 5055.7 | 5081.3 | 5116.2 | 5125.8 | 5141.7 | 5141.7 |
| 35° | 4454.1 | 4460.4 | 4457.2 | 4463.6 | 4476.4 | 4492.2 | 4514.5 | 4536.8 | 4549.5 | 4549.5 | 4540.0 |
| 37.5° | 3887.3 | 3849.2 | 3807.8 | 3775.9 | 3766.4 | 3759.9 | 3772.8 | 3782.2 | 3795.1 | 3801.3 | 3785.5 |
| 40° | 3298.4 | 3212.4 | 3120.0 | 3037.2 | 2980.0 | 2954.5 | 2945.0 | 2951.3 | 2951.3 | 2973.5 | 2973.5 |
| 42.5° | 2792.2 | 2658.4 | 2521.6 | 2397.3 | 2314.5 | 2251.0 | 2222.3 | 2222.3 | 2225.4 | 2241.4 | 2251.0 |
| 45° | 2371.9 | 2203.1 | 2043.9 | 1907.1 | 1792.4 | 1709.6 | 1671.5 | 1661.9 | 1658.8 | 1665.1 | 1687.3 |
| 47.5° | 2050.3 | 1875.2 | 1709.6 | 1541.0 | 1420.0 | 1337.2 | 1302.2 | 1289.3 | 1276.6 | 1289.3 | 1292.6 |
| 50° | 1798.9 | 1617.4 | 1442.3 | 1273.5 | 1146.1 | 1072.9 | 1028.3 | 1009.2 | 1006.0 | 1006.0 | 1012.5 |
| 52.5° | 1569.5 | 1400.9 | 1225.8 | 1053.9 | 920.1 | 850.1 | 808.7 | 799.1 | 786.4 | 799.1 | 799.1 |
| 55° | 1353.0 | 1184.4 | 1012.5 | 850.1 | 738.6 | 665.4 | 627.2 | 614.5 | 608.0 | 617.6 | 617.6 |
| 57.5° | 1117.5 | 974.2 | 815.1 | 668.6 | 557.2 | 506.2 | 477.5 | 461.7 | 458.4 | 464.8 | 458.4 |
| 60° | 916.9 | 796.0 | 659.0 | 525.4 | 439.4 | 385.3 | 363.0 | 356.6 | 350.2 | 356.6 | 356.6 |
| 62.5° | 725.9 | 624.0 | 512.5 | 410.7 | 337.4 | 299.3 | 273.8 | 273.8 | 270.6 | 270.6 | 273.8 |
| 65° | 538.1 | 458.4 | 378.9 | 292.9 | 235.6 | 206.9 | 187.8 | 187.8 | 184.6 | 187.8 | 184.6 |
| 67.5° | 391.6 | 337.4 | 273.8 | 213.3 | 168.8 | 152.8 | 140.1 | 130.5 | 136.9 | 130.5 | 127.4 |
| 70° | 286.6 | 241.9 | 197.4 | 162.4 | 130.5 | 114.7 | 105.1 | 101.8 | 95.5 | 95.5 | 95.5 |
| 72.5° | 191.1 | 162.4 | 133.7 | 105.1 | 86.0 | 70.0 | 66.8 | 60.5 | 54.1 | 57.3 | 63.7 |
| 75° | 127.4 | 108.2 | 95.5 | 76.4 | 57.3 | 57.3 | 38.3 | 38.3 | 31.8 | 38.3 | 28.7 |
| 77.5° | 89.1 | 73.3 | 57.3 | 47.7 | 38.3 | 35.0 | 25.4 | 25.4 | 22.3 | 22.3 | 22.3 |
| 80° | 63.7 | 54.1 | 41.4 | 35.0 | 25.4 | 25.4 | 22.3 | 19.1 | 15.9 | 15.9 | 19.1 |
| 82.5° | 38.3 | 28.7 | 28.7 | 25.4 | 15.9 | 12.7 | 9.6 | 12.7 | 6.4 | 6.4 | 6.4 |
| 85° | 22.3 | 19.1 | 15.9 | 9.6 | 6.4 | 6.4 | 3.1 | 0.0 | 3.1 | 3.1 | 0.0 |
| 87.5° | 12.7 | 6.4 | 6.4 | 3.1 | 0.0 | 3.1 | 3.1 | 0.0 | 0.0 | 0.0 | 6.4 |
| 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: P248619

CATALOG NUMBER: LD8B120D010 ER8B120940 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 |
| 2.5° | 6558.5 | 6555.2 | 6561.7 | 6561.7 | 6580.8 | 6577.5 | 6587.1 | 6587.1 | 6580.8 | 6583.9 | 6596.7 |
| 5° | 6580.8 | 6590.4 | 6609.4 | 6625.4 | 6653.9 | 6666.8 | 6682.6 | 6698.6 | 6701.8 | 6711.3 | 6720.9 |
| 7.5° | 6580.8 | 6612.6 | 6634.9 | 6663.5 | 6701.8 | 6724.0 | 6759.0 | 6787.7 | 6800.4 | 6816.3 | 6835.4 |
| 10° | 6568.0 | 6599.8 | 6641.2 | 6673.1 | 6720.9 | 6755.9 | 6790.9 | 6835.4 | 6854.6 | 6880.0 | 6905.5 |
| 12.5° | 6542.5 | 6577.5 | 6622.1 | 6663.5 | 6717.6 | 6749.5 | 6794.0 | 6835.4 | 6864.1 | 6899.1 | 6927.8 |
| 15° | 6504.4 | 6545.7 | 6587.1 | 6628.5 | 6685.8 | 6724.0 | 6765.4 | 6813.1 | 6841.8 | 6880.0 | 6905.5 |
| 17.5° | 6443.9 | 6488.4 | 6526.7 | 6564.8 | 6618.9 | 6663.5 | 6701.8 | 6746.3 | 6775.0 | 6806.9 | 6841.8 |
| 20° | 6370.6 | 6412.0 | 6453.4 | 6485.3 | 6539.4 | 6577.5 | 6618.9 | 6660.3 | 6682.6 | 6689.0 | 6743.2 |
| 22.5° | 6278.4 | 6306.9 | 6338.8 | 6389.7 | 6421.6 | 6456.6 | 6494.8 | 6533.0 | 6555.2 | 6590.4 | 6609.4 |
| 25° | 6125.4 | 6154.1 | 6189.1 | 6211.4 | 6249.7 | 6278.4 | 6316.5 | 6357.9 | 6370.6 | 6396.2 | 6415.2 |
| 27.5° | 5912.2 | 5928.1 | 5944.1 | 5963.1 | 5985.3 | 6001.3 | 6023.6 | 6042.7 | 6055.4 | 6068.2 | 6080.9 |
| 30° | 5574.6 | 5574.6 | 5574.6 | 5561.9 | 5571.5 | 5581.1 | 5584.2 | 5581.1 | 5581.1 | 5577.9 | 5577.9 |
| 32.5° | 5129.0 | 5103.5 | 5074.8 | 5049.4 | 5039.8 | 5027.1 | 5020.7 | 5011.1 | 4995.3 | 4985.7 | 4988.9 |
| 35° | 4527.2 | 4469.9 | 4434.9 | 4403.1 | 4377.7 | 4358.5 | 4349.0 | 4339.4 | 4336.3 | 4323.6 | 4310.7 |
| 37.5° | 3775.9 | 3734.5 | 3709.1 | 3690.0 | 3667.7 | 3648.5 | 3651.7 | 3655.0 | 3664.4 | 3658.1 | 3661.3 |
| 40° | 2980.0 | 2970.4 | 2980.0 | 2957.7 | 2951.3 | 2957.7 | 2973.5 | 2995.9 | 3008.7 | 3021.4 | 3043.6 |
| 42.5° | 2266.8 | 2282.7 | 2305.1 | 2305.1 | 2314.5 | 2327.4 | 2346.4 | 2381.5 | 2400.5 | 2422.8 | 2448.3 |
| 45° | 1706.5 | 1725.6 | 1754.3 | 1763.7 | 1770.2 | 1786.0 | 1808.4 | 1837.0 | 1849.7 | 1868.8 | 1891.1 |
| 47.5° | 1314.9 | 1327.6 | 1343.5 | 1359.5 | 1375.3 | 1381.7 | 1404.0 | 1404.0 | 1420.0 | 1432.7 | 1439.0 |
| 50° | 1025.2 | 1037.9 | 1050.6 | 1060.2 | 1066.6 | 1076.1 | 1082.4 | 1092.0 | 1095.1 | 1101.6 | 1104.7 |
| 52.5° | 802.3 | 818.2 | 818.2 | 824.5 | 834.1 | 843.7 | 840.5 | 843.7 | 846.8 | 846.8 | 856.4 |
| 55° | 627.2 | 627.2 | 636.7 | 636.7 | 643.2 | 639.9 | 643.2 | 643.2 | 643.2 | 643.2 | 646.3 |
| 57.5° | 468.0 | 471.2 | 480.8 | 474.4 | 471.2 | 477.5 | 471.2 | 477.5 | 474.4 | 480.8 | 471.2 |
| 60° | 359.7 | 359.7 | 363.0 | 363.0 | 366.1 | 366.1 | 366.1 | 363.0 | 363.0 | 359.7 | 359.7 |
| 62.5° | 270.6 | 273.8 | 277.0 | 273.8 | 273.8 | 273.8 | 270.6 | 270.6 | 267.5 | 264.2 | 264.2 |
| 65° | 181.5 | 178.4 | 184.6 | 178.4 | 181.5 | 181.5 | 178.4 | 181.5 | 171.9 | 175.1 | 171.9 |
| 67.5° | 130.5 | 127.4 | 124.2 | 127.4 | 124.2 | 121.0 | 121.0 | 124.2 | 127.4 | 117.8 | 117.8 |
| 70° | 86.0 | 89.1 | 86.0 | 89.1 | 92.4 | 92.4 | 89.1 | 86.0 | 89.1 | 82.8 | 86.0 |
| 72.5° | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 57.3 | 57.3 | 57.3 | 51.0 | 51.0 | 47.7 |
| 75° | 25.4 | 35.0 | 28.7 | 25.4 | 35.0 | 35.0 | 31.8 | 31.8 | 28.7 | 28.7 | 28.7 |
| 77.5° | 25.4 | 19.1 | 19.1 | 19.1 | 19.1 | 19.1 | 19.1 | 19.1 | 15.9 | 19.1 | 15.9 |
| 80° | 12.7 | 12.7 | 12.7 | 9.6 | 12.7 | 12.7 | 15.9 | 12.7 | 12.7 | 9.6 | 15.9 |
| 82.5° | 6.4 | 6.4 | 6.4 | 0.0 | 3.1 | 6.4 | 6.4 | 3.1 | 6.4 | 6.4 | 3.1 |
| 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: P248619

CATALOG NUMBER: LD8B120D010 ER8B120940 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 |
| 2.5° | 6593.5 | 6590.4 | 6593.5 | 6596.7 | 6593.5 | 6590.4 | 6593.5 | 6596.7 | 6583.9 | 6580.8 | 6587.1 |
| 5° | 6733.6 | 6733.6 | 6739.9 | 6743.2 | 6739.9 | 6733.6 | 6733.6 | 6720.9 | 6711.3 | 6701.8 | 6698.6 |
| 7.5° | 6854.6 | 6861.0 | 6867.3 | 6870.4 | 6867.3 | 6861.0 | 6854.6 | 6835.4 | 6816.3 | 6800.4 | 6787.7 |
| 10° | 6927.8 | 6937.4 | 6950.1 | 6956.4 | 6950.1 | 6937.4 | 6927.8 | 6905.5 | 6880.0 | 6854.6 | 6835.4 |
| 12.5° | 6959.7 | 6969.2 | 6985.1 | 6981.9 | 6985.1 | 6969.2 | 6959.7 | 6927.8 | 6899.1 | 6864.1 | 6835.4 |
| 15° | 6937.4 | 6950.1 | 6965.9 | 6972.4 | 6965.9 | 6950.1 | 6937.4 | 6905.5 | 6880.0 | 6841.8 | 6813.1 |
| 17.5° | 6867.3 | 6886.4 | 6896.0 | 6905.5 | 6896.0 | 6886.4 | 6867.3 | 6841.8 | 6806.9 | 6775.0 | 6746.3 |
| 20° | 6771.7 | 6784.6 | 6797.3 | 6800.4 | 6797.3 | 6784.6 | 6771.7 | 6743.2 | 6689.0 | 6682.6 | 6660.3 |
| 22.5° | 6634.9 | 6644.5 | 6673.1 | 6663.5 | 6673.1 | 6644.5 | 6634.9 | 6609.4 | 6590.4 | 6555.2 | 6533.0 |
| 25° | 6437.4 | 6447.0 | 6450.3 | 6453.4 | 6450.3 | 6447.0 | 6437.4 | 6415.2 | 6396.2 | 6370.6 | 6357.9 |
| 27.5° | 6096.9 | 6096.9 | 6103.1 | 6106.4 | 6103.1 | 6096.9 | 6096.9 | 6080.9 | 6068.2 | 6055.4 | 6042.7 |
| 30° | 5581.1 | 5581.1 | 5581.1 | 5597.0 | 5581.1 | 5581.1 | 5581.1 | 5577.9 | 5577.9 | 5581.1 | 5581.1 |
| 32.5° | 4985.7 | 4979.3 | 4973.0 | 4979.3 | 4973.0 | 4979.3 | 4985.7 | 4988.9 | 4985.7 | 4995.3 | 5011.1 |
| 35° | 4310.7 | 4307.6 | 4317.1 | 4304.4 | 4317.1 | 4307.6 | 4310.7 | 4310.7 | 4323.6 | 4336.3 | 4339.4 |
| 37.5° | 3664.4 | 3658.1 | 3670.8 | 3658.1 | 3670.8 | 3658.1 | 3664.4 | 3661.3 | 3658.1 | 3664.4 | 3655.0 |
| 40° | 3050.1 | 3056.4 | 3056.4 | 3081.9 | 3056.4 | 3056.4 | 3050.1 | 3043.6 | 3021.4 | 3008.7 | 2995.9 |
| 42.5° | 2461.0 | 2480.2 | 2473.7 | 2492.9 | 2473.7 | 2480.2 | 2461.0 | 2448.3 | 2422.8 | 2400.5 | 2381.5 |
| 45° | 1903.8 | 1916.7 | 1916.7 | 1922.9 | 1916.7 | 1916.7 | 1903.8 | 1891.1 | 1868.8 | 1849.7 | 1837.0 |
| 47.5° | 1461.3 | 1461.3 | 1461.3 | 1464.6 | 1461.3 | 1461.3 | 1461.3 | 1439.0 | 1432.7 | 1420.0 | 1404.0 |
| 50° | 1111.1 | 1114.3 | 1117.5 | 1120.7 | 1117.5 | 1114.3 | 1111.1 | 1104.7 | 1101.6 | 1095.1 | 1092.0 |
| 52.5° | 853.2 | 856.4 | 850.1 | 856.4 | 850.1 | 856.4 | 853.2 | 856.4 | 846.8 | 846.8 | 843.7 |
| 55° | 646.3 | 643.2 | 646.3 | 649.5 | 646.3 | 643.2 | 646.3 | 646.3 | 643.2 | 643.2 | 643.2 |
| 57.5° | 474.4 | 468.0 | 468.0 | 468.0 | 468.0 | 468.0 | 474.4 | 471.2 | 480.8 | 474.4 | 477.5 |
| 60° | 353.4 | 356.6 | 356.6 | 359.7 | 356.6 | 356.6 | 353.4 | 359.7 | 359.7 | 363.0 | 363.0 |
| 62.5° | 261.0 | 270.6 | 264.2 | 270.6 | 264.2 | 270.6 | 261.0 | 264.2 | 264.2 | 267.5 | 270.6 |
| 65° | 168.8 | 168.8 | 168.8 | 171.9 | 168.8 | 168.8 | 168.8 | 171.9 | 175.1 | 171.9 | 181.5 |
| 67.5° | 114.7 | 117.8 | 124.2 | 121.0 | 124.2 | 117.8 | 114.7 | 117.8 | 117.8 | 127.4 | 124.2 |
| 70° | 92.4 | 82.8 | 82.8 | 92.4 | 82.8 | 82.8 | 92.4 | 86.0 | 82.8 | 89.1 | 86.0 |
| 72.5° | 54.1 | 47.7 | 54.1 | 54.1 | 54.1 | 47.7 | 54.1 | 47.7 | 51.0 | 51.0 | 57.3 |
| 75° | 28.7 | 25.4 | 22.3 | 31.8 | 22.3 | 25.4 | 28.7 | 28.7 | 28.7 | 28.7 | 31.8 |
| 77.5° | 19.1 | 15.9 | 22.3 | 22.3 | 22.3 | 15.9 | 19.1 | 15.9 | 19.1 | 15.9 | 19.1 |
| 80° | 9.6 | 12.7 | 9.6 | 15.9 | 9.6 | 12.7 | 9.6 | 15.9 | 9.6 | 12.7 | 12.7 |
| 82.5° | 3.1 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 3.1 | 3.1 | 6.4 | 6.4 | 3.1 |
| 85° | 0.0 | 6.4 | 3.1 | 3.1 | 3.1 | 6.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 3.1 | 0.0 | 0.0 | 3.1 | 0.0 | 0.0 | 3.1 | 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: P248619

CATALOG NUMBER: LD8B120D010 ER8B120940 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 |
| 2.5° | 6587.1 | 6577.5 | 6580.8 | 6561.7 | 6561.7 | 6555.2 | 6558.5 | 6542.5 | 6536.2 | 6529.8 | 6539.4 |
| 5° | 6682.6 | 6666.8 | 6653.9 | 6625.4 | 6609.4 | 6590.4 | 6580.8 | 6555.2 | 6533.0 | 6513.8 | 6510.7 |
| 7.5° | 6759.0 | 6724.0 | 6701.8 | 6663.5 | 6634.9 | 6612.6 | 6580.8 | 6545.7 | 6517.1 | 6491.6 | 6472.6 |
| 10° | 6790.9 | 6755.9 | 6720.9 | 6673.1 | 6641.2 | 6599.8 | 6568.0 | 6523.4 | 6485.3 | 6450.3 | 6427.9 |
| 12.5° | 6794.0 | 6749.5 | 6717.6 | 6663.5 | 6622.1 | 6577.5 | 6542.5 | 6491.6 | 6447.0 | 6412.0 | 6377.0 |
| 15° | 6765.4 | 6724.0 | 6685.8 | 6628.5 | 6587.1 | 6545.7 | 6504.4 | 6450.3 | 6408.9 | 6367.5 | 6342.0 |
| 17.5° | 6701.8 | 6663.5 | 6618.9 | 6564.8 | 6526.7 | 6488.4 | 6443.9 | 6399.3 | 6351.5 | 6306.9 | 6275.1 |
| 20° | 6618.9 | 6577.5 | 6539.4 | 6485.3 | 6453.4 | 6412.0 | 6370.6 | 6322.9 | 6284.6 | 6240.1 | 6205.1 |
| 22.5° | 6494.8 | 6456.6 | 6421.6 | 6389.7 | 6338.8 | 6306.9 | 6278.4 | 6224.2 | 6186.0 | 6144.6 | 6106.4 |
| 25° | 6316.5 | 6278.4 | 6249.7 | 6211.4 | 6189.1 | 6154.1 | 6125.4 | 6077.7 | 6042.7 | 6004.5 | 5972.6 |
| 27.5° | 6023.6 | 6001.3 | 5985.3 | 5963.1 | 5944.1 | 5928.1 | 5912.2 | 5873.9 | 5848.5 | 5813.5 | 5781.7 |
| 30° | 5584.2 | 5581.1 | 5571.5 | 5561.9 | 5574.6 | 5574.6 | 5574.6 | 5568.4 | 5546.1 | 5520.5 | 5498.2 |
| 32.5° | 5020.7 | 5027.1 | 5039.8 | 5049.4 | 5074.8 | 5103.5 | 5129.0 | 5141.7 | 5141.7 | 5125.8 | 5116.2 |
| 35° | 4349.0 | 4358.5 | 4377.7 | 4403.1 | 4434.9 | 4469.9 | 4527.2 | 4540.0 | 4549.5 | 4549.5 | 4536.8 |
| 37.5° | 3651.7 | 3648.5 | 3667.7 | 3690.0 | 3709.1 | 3734.5 | 3775.9 | 3785.5 | 3801.3 | 3795.1 | 3782.2 |
| 40° | 2973.5 | 2957.7 | 2951.3 | 2957.7 | 2980.0 | 2970.4 | 2980.0 | 2973.5 | 2973.5 | 2951.3 | 2951.3 |
| 42.5° | 2346.4 | 2327.4 | 2314.5 | 2305.1 | 2305.1 | 2282.7 | 2266.8 | 2251.0 | 2241.4 | 2225.4 | 2222.3 |
| 45° | 1808.4 | 1786.0 | 1770.2 | 1763.7 | 1754.3 | 1725.6 | 1706.5 | 1687.3 | 1665.1 | 1658.8 | 1661.9 |
| 47.5° | 1404.0 | 1381.7 | 1375.3 | 1359.5 | 1343.5 | 1327.6 | 1314.9 | 1292.6 | 1289.3 | 1276.6 | 1289.3 |
| 50° | 1082.4 | 1076.1 | 1066.6 | 1060.2 | 1050.6 | 1037.9 | 1025.2 | 1012.5 | 1006.0 | 1006.0 | 1009.2 |
| 52.5° | 840.5 | 843.7 | 834.1 | 824.5 | 818.2 | 818.2 | 802.3 | 799.1 | 799.1 | 786.4 | 799.1 |
| 55° | 643.2 | 639.9 | 643.2 | 636.7 | 636.7 | 627.2 | 627.2 | 617.6 | 617.6 | 608.0 | 614.5 |
| 57.5° | 471.2 | 477.5 | 471.2 | 474.4 | 480.8 | 471.2 | 468.0 | 458.4 | 464.8 | 458.4 | 461.7 |
| 60° | 366.1 | 366.1 | 366.1 | 363.0 | 363.0 | 359.7 | 359.7 | 356.6 | 356.6 | 350.2 | 356.6 |
| 62.5° | 270.6 | 273.8 | 273.8 | 273.8 | 277.0 | 273.8 | 270.6 | 273.8 | 270.6 | 270.6 | 273.8 |
| 65° | 178.4 | 181.5 | 181.5 | 178.4 | 184.6 | 178.4 | 181.5 | 184.6 | 187.8 | 184.6 | 187.8 |
| 67.5° | 121.0 | 121.0 | 124.2 | 127.4 | 124.2 | 127.4 | 130.5 | 127.4 | 130.5 | 136.9 | 130.5 |
| 70° | 89.1 | 92.4 | 92.4 | 89.1 | 86.0 | 89.1 | 86.0 | 95.5 | 95.5 | 95.5 | 101.8 |
| 72.5° | 57.3 | 57.3 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 63.7 | 57.3 | 54.1 | 60.5 |
| 75° | 31.8 | 35.0 | 35.0 | 25.4 | 28.7 | 35.0 | 25.4 | 28.7 | 38.3 | 31.8 | 38.3 |
| 77.5° | 19.1 | 19.1 | 19.1 | 19.1 | 19.1 | 19.1 | 25.4 | 22.3 | 22.3 | 22.3 | 25.4 |
| 80° | 15.9 | 12.7 | 12.7 | 9.6 | 12.7 | 12.7 | 12.7 | 19.1 | 15.9 | 15.9 | 19.1 |
| 82.5° | 6.4 | 6.4 | 3.1 | 0.0 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 12.7 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.1 | 3.1 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.4 | 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: P248619

CATALOG NUMBER: LD8B120D010 ER8B120940 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 |
| 2.5° | 6513.8 | 6513.8 | 6510.7 | 6504.4 | 6491.6 | 6491.6 | 6488.4 | 6478.8 | 6472.6 | 6469.3 | 6469.3 |
| 5° | 6482.0 | 6469.3 | 6456.6 | 6421.6 | 6421.6 | 6415.2 | 6396.2 | 6383.3 | 6377.0 | 6361.0 | 6354.7 |
| 7.5° | 6453.4 | 6415.2 | 6392.9 | 6370.6 | 6342.0 | 6329.2 | 6306.9 | 6297.4 | 6275.1 | 6259.2 | 6249.7 |
| 10° | 6383.3 | 6357.9 | 6329.2 | 6294.2 | 6271.9 | 6246.5 | 6221.0 | 6202.0 | 6173.3 | 6157.3 | 6144.6 |
| 12.5° | 6335.6 | 6297.4 | 6271.9 | 6233.7 | 6195.5 | 6173.3 | 6138.3 | 6116.0 | 6087.3 | 6055.4 | 6036.3 |
| 15° | 6291.1 | 6249.7 | 6214.7 | 6173.3 | 6131.8 | 6106.4 | 6065.0 | 6039.6 | 5998.2 | 5966.3 | 5944.1 |
| 17.5° | 6224.2 | 6189.1 | 6151.0 | 6100.0 | 6061.9 | 6030.0 | 5985.3 | 5953.6 | 5915.4 | 5873.9 | 5851.7 |
| 20° | 6154.1 | 6112.7 | 6074.6 | 6023.6 | 5985.3 | 5947.2 | 5902.6 | 5867.7 | 5823.0 | 5784.8 | 5759.4 |
| 22.5° | 6061.9 | 6014.0 | 5982.2 | 5931.2 | 5886.7 | 5845.4 | 5804.0 | 5762.6 | 5721.1 | 5689.3 | 5660.6 |
| 25° | 5928.1 | 5877.1 | 5842.1 | 5800.7 | 5759.4 | 5727.6 | 5676.6 | 5651.2 | 5609.8 | 5581.1 | 5552.4 |
| 27.5° | 5737.0 | 5698.9 | 5667.0 | 5625.6 | 5590.6 | 5565.2 | 5526.9 | 5501.5 | 5466.4 | 5441.0 | 5418.7 |
| 30° | 5457.0 | 5425.1 | 5396.4 | 5355.0 | 5329.6 | 5307.3 | 5272.2 | 5249.9 | 5224.5 | 5195.8 | 5189.5 |
| 32.5° | 5081.3 | 5055.7 | 5027.1 | 4998.4 | 4979.3 | 4966.6 | 4937.9 | 4925.2 | 4899.8 | 4883.8 | 4867.9 |
| 35° | 4514.5 | 4492.2 | 4476.4 | 4463.6 | 4457.2 | 4460.4 | 4454.1 | 4466.8 | 4473.1 | 4469.9 | 4473.1 |
| 37.5° | 3772.8 | 3759.9 | 3766.4 | 3775.9 | 3807.8 | 3849.2 | 3887.3 | 3944.6 | 3982.8 | 4021.1 | 4056.1 |
| 40° | 2945.0 | 2954.5 | 2980.0 | 3037.2 | 3120.0 | 3212.4 | 3298.4 | 3406.6 | 3514.9 | 3591.3 | 3661.3 |
| 42.5° | 2222.3 | 2251.0 | 2314.5 | 2397.3 | 2521.6 | 2658.4 | 2792.2 | 2951.3 | 3081.9 | 3209.2 | 3298.4 |
| 45° | 1671.5 | 1709.6 | 1792.4 | 1907.1 | 2043.9 | 2203.1 | 2371.9 | 2550.1 | 2706.2 | 2836.7 | 2935.4 |
| 47.5° | 1302.2 | 1337.2 | 1420.0 | 1541.0 | 1709.6 | 1875.2 | 2050.3 | 2235.0 | 2397.3 | 2524.7 | 2610.7 |
| 50° | 1028.3 | 1072.9 | 1146.1 | 1273.5 | 1442.3 | 1617.4 | 1798.9 | 1980.2 | 2133.1 | 2241.4 | 2317.8 |
| 52.5° | 808.7 | 850.1 | 920.1 | 1053.9 | 1225.8 | 1400.9 | 1569.5 | 1747.9 | 1881.5 | 1986.6 | 2037.6 |
| 55° | 627.2 | 665.4 | 738.6 | 850.1 | 1012.5 | 1184.4 | 1353.0 | 1506.0 | 1630.1 | 1706.5 | 1754.3 |
| 57.5° | 477.5 | 506.2 | 557.2 | 668.6 | 815.1 | 974.2 | 1117.5 | 1270.3 | 1365.9 | 1420.0 | 1451.7 |
| 60° | 363.0 | 385.3 | 439.4 | 525.4 | 659.0 | 796.0 | 916.9 | 1031.6 | 1108.0 | 1152.5 | 1184.4 |
| 62.5° | 273.8 | 299.3 | 337.4 | 410.7 | 512.5 | 624.0 | 725.9 | 811.8 | 875.5 | 904.2 | 926.5 |
| 65° | 187.8 | 206.9 | 235.6 | 292.9 | 378.9 | 458.4 | 538.1 | 601.8 | 643.2 | 675.0 | 687.7 |
| 67.5° | 140.1 | 152.8 | 168.8 | 213.3 | 273.8 | 337.4 | 391.6 | 436.1 | 480.8 | 493.5 | 515.8 |
| 70° | 105.1 | 114.7 | 130.5 | 162.4 | 197.4 | 241.9 | 286.6 | 312.0 | 343.9 | 366.1 | 372.6 |
| 72.5° | 66.8 | 70.0 | 86.0 | 105.1 | 133.7 | 162.4 | 191.1 | 213.3 | 232.5 | 245.2 | 251.5 |
| 75° | 38.3 | 57.3 | 57.3 | 76.4 | 95.5 | 108.2 | 127.4 | 143.2 | 152.8 | 162.4 | 162.4 |
| 77.5° | 25.4 | 35.0 | 38.3 | 47.7 | 57.3 | 73.3 | 89.1 | 98.7 | 108.2 | 111.4 | 111.4 |
| 80° | 22.3 | 25.4 | 25.4 | 35.0 | 41.4 | 54.1 | 63.7 | 66.8 | 73.3 | 76.4 | 82.8 |
| 82.5° | 9.6 | 12.7 | 15.9 | 25.4 | 28.7 | 28.7 | 38.3 | 41.4 | 47.7 | 51.0 | 51.0 |
| 85° | 3.1 | 6.4 | 6.4 | 9.6 | 15.9 | 19.1 | 22.3 | 25.4 | 28.7 | 28.7 | 31.8 |
| 87.5° | 3.1 | 3.1 | 0.0 | 3.1 | 6.4 | 6.4 | 12.7 | 12.7 | 12.7 | 19.1 | 19.1 |
| 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: P248619

CATALOG NUMBER: LD8B120D010 ER8B120940 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 | 6520.3 |
| 2.5° | 6463.0 | 6466.1 | 6453.4 | 6450.3 | 6443.9 | 6447.0 | 6453.4 |
| 5° | 6345.2 | 6348.3 | 6335.6 | 6322.9 | 6322.9 | 6319.6 | 6322.9 |
| 7.5° | 6233.7 | 6236.9 | 6217.8 | 6211.4 | 6198.7 | 6202.0 | 6202.0 |
| 10° | 6122.3 | 6122.3 | 6093.7 | 6090.4 | 6080.9 | 6077.7 | 6077.7 |
| 12.5° | 6014.0 | 6004.5 | 5982.2 | 5969.5 | 5975.9 | 5956.8 | 5956.8 |
| 15° | 5918.5 | 5902.6 | 5873.9 | 5864.4 | 5848.5 | 5842.1 | 5842.1 |
| 17.5° | 5819.8 | 5807.1 | 5781.7 | 5762.6 | 5743.4 | 5740.3 | 5743.4 |
| 20° | 5724.3 | 5711.6 | 5679.7 | 5667.0 | 5651.2 | 5651.2 | 5644.7 |
| 22.5° | 5628.8 | 5616.1 | 5587.5 | 5577.9 | 5555.6 | 5555.6 | 5558.8 |
| 25° | 5530.1 | 5520.5 | 5488.7 | 5482.4 | 5479.2 | 5466.4 | 5472.8 |
| 27.5° | 5396.4 | 5390.0 | 5364.6 | 5355.0 | 5342.3 | 5339.2 | 5345.4 |
| 30° | 5151.2 | 5141.7 | 5122.7 | 5113.1 | 5090.8 | 5094.0 | 5100.3 |
| 32.5° | 4845.6 | 4832.9 | 4807.4 | 4797.8 | 4778.8 | 4772.4 | 4775.5 |
| 35° | 4463.6 | 4454.1 | 4431.8 | 4431.8 | 4412.7 | 4406.2 | 4412.7 |
| 37.5° | 4075.2 | 4084.7 | 4075.2 | 4084.7 | 4075.2 | 4072.0 | 4075.2 |
| 40° | 3709.1 | 3744.1 | 3750.4 | 3785.5 | 3772.8 | 3791.8 | 3788.6 |
| 42.5° | 3358.8 | 3416.1 | 3438.5 | 3467.0 | 3460.8 | 3473.5 | 3483.0 |
| 45° | 3005.4 | 3053.2 | 3075.5 | 3094.6 | 3097.8 | 3104.2 | 3107.3 |
| 47.5° | 2671.1 | 2709.3 | 2712.5 | 2734.8 | 2731.6 | 2731.6 | 2741.2 |
| 50° | 2359.2 | 2384.6 | 2390.9 | 2406.9 | 2394.2 | 2387.8 | 2390.9 |
| 52.5° | 2069.5 | 2094.9 | 2088.5 | 2094.9 | 2079.0 | 2072.6 | 2075.7 |
| 55° | 1773.3 | 1786.0 | 1786.0 | 1786.0 | 1767.0 | 1767.0 | 1767.0 |
| 57.5° | 1470.8 | 1474.1 | 1467.7 | 1470.8 | 1467.7 | 1448.6 | 1445.4 |
| 60° | 1193.9 | 1193.9 | 1190.7 | 1193.9 | 1184.4 | 1174.8 | 1174.8 |
| 62.5° | 932.8 | 939.2 | 951.9 | 939.2 | 932.8 | 939.2 | 929.6 |
| 65° | 697.3 | 710.0 | 706.7 | 713.1 | 710.0 | 710.0 | 703.6 |
| 67.5° | 525.4 | 528.5 | 531.6 | 534.9 | 534.9 | 534.9 | 534.9 |
| 70° | 385.3 | 394.8 | 391.6 | 391.6 | 391.6 | 391.6 | 410.7 |
| 72.5° | 257.9 | 270.6 | 267.5 | 273.8 | 273.8 | 280.2 | 273.8 |
| 75° | 175.1 | 187.8 | 181.5 | 191.1 | 187.8 | 181.5 | 197.4 |
| 77.5° | 117.8 | 124.2 | 127.4 | 130.5 | 127.4 | 124.2 | 127.4 |
| 80° | 82.8 | 89.1 | 86.0 | 89.1 | 89.1 | 89.1 | 92.4 |
| 82.5° | 51.0 | 60.5 | 57.3 | 60.5 | 57.3 | 60.5 | 60.5 |
| 85° | 35.0 | 38.3 | 31.8 | 38.3 | 35.0 | 35.0 | 41.4 |
| 87.5° | 22.3 | 19.1 | 19.1 | 22.3 | 19.1 | 22.3 | 19.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)