

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: P248561

Luminaire Tested: **LD8B70D010 ER8B70835 8LBSW0H**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P248561  
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: LD8B70D010 ER8B70835 8LBSW0H  
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF  
RECESSED DOWNLIGHT  
80 CRI 3500 CCT WITH SEMI-SPECULAR CLEAR TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7529.0 lumens  
Efficiency: N/A  
Efficacy: 99.2 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

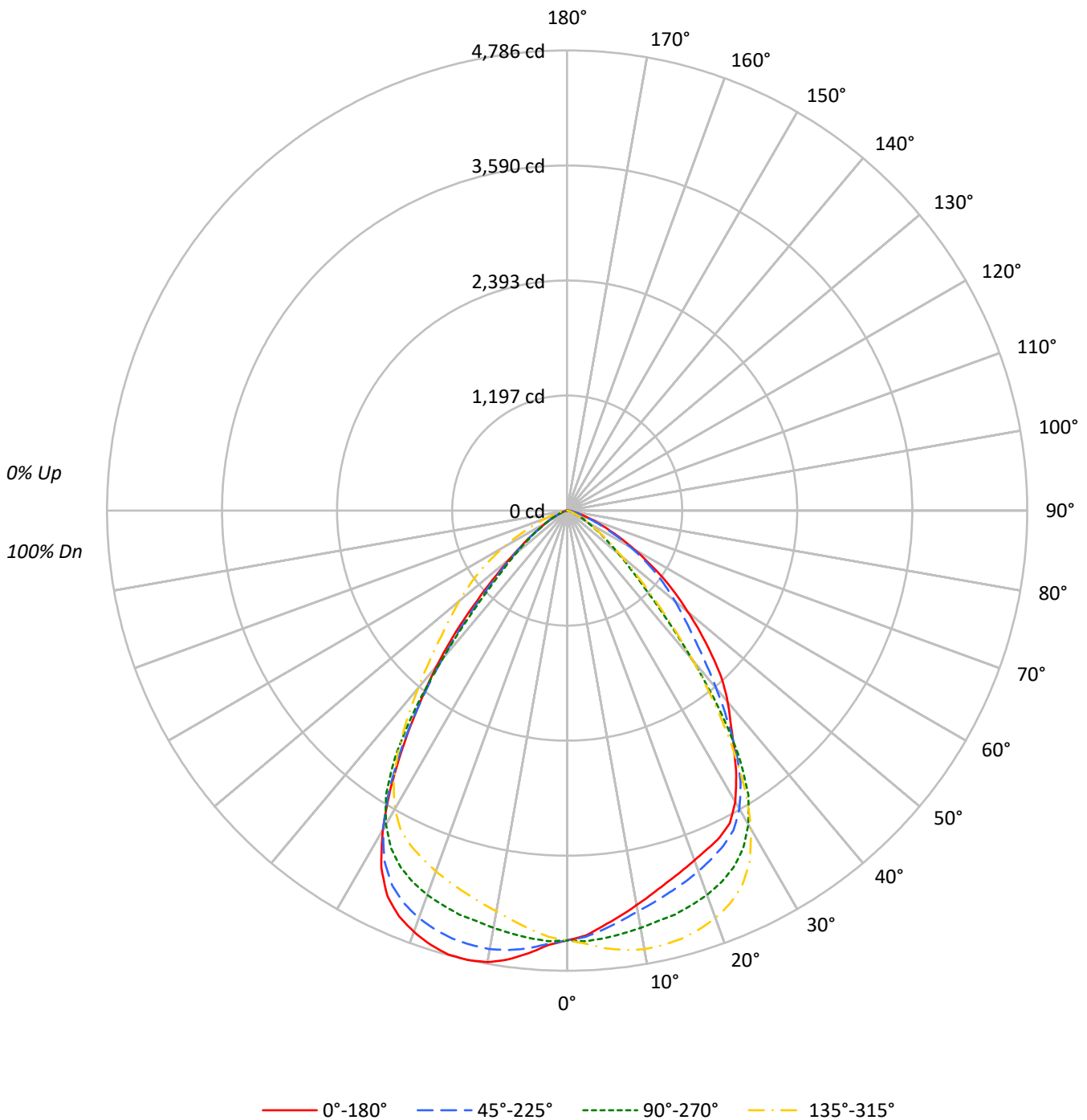
Input Watts (W): 75.9  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P248561

CATALOG NUMBER: LD8B70D010 ER8B70835 8LBSW0H

### Luminous Intensity Polar Plot





TEST NUMBER: P248561

CATALOG NUMBER: LD8B70D010 ER8B70835 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°  | 137829 | 137829 | 137829 | 137829 |
| 5°  | 134167 | 138154 | 143085 | 138154 |
| 10° | 130458 | 137973 | 149318 | 137973 |
| 15° | 127850 | 138793 | 152588 | 138793 |
| 20° | 126982 | 139587 | 152978 | 139587 |
| 25° | 127648 | 139305 | 150519 | 139305 |
| 30° | 124492 | 134205 | 136619 | 134205 |
| 35° | 113870 | 117073 | 111077 | 117073 |
| 40° | 104548 | 81438  | 85045  | 81438  |
| 45° | 92892  | 49684  | 57486  | 49684  |
| 50° | 78627  | 33188  | 36857  | 33188  |
| 55° | 65121  | 22644  | 23935  | 22644  |
| 60° | 49671  | 15073  | 15208  | 15073  |
| 65° | 35191  | 9391   | 8603   | 9391   |
| 70° | 25380  | 6293   | 5707   | 6293   |
| 75° | 16120  | 3122   | 2597   | 3122   |
| 80° | 11241  | 2326   | 1936   | 2326   |
| 85° | 10048  | 0      | 778    | 0      |



TEST NUMBER: P248561

CATALOG NUMBER: LD8B70D010 ER8B70835 8LBSW0H

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 425.4  | 5.7       |
| 10°-20°   | 1232.0 | 16.4      |
| 20°-30°   | 1865.5 | 24.8      |
| 30°-40°   | 1869.7 | 24.8      |
| 40°-50°   | 1174.1 | 15.6      |
| 50°-60°   | 625.6  | 8.3       |
| 60°-70°   | 257.3  | 3.4       |
| 70°-80°   | 68.0   | 0.9       |
| 80°-90°   | 11.5   | 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°    | 3522.9 | 46.8      |
| 0°-40°    | 5392.6 | 71.6      |
| 0°-60°    | 7192.3 | 95.5      |
| 0°-90°    | 7529.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 7529.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 4470 | 4470 | 4470 | 4470 | 4470 |      |
| 5°  | 4334 | 4463 | 4622 | 4463 | 4334 | 409  |
| 15° | 4005 | 4348 | 4780 | 4348 | 4005 | 1133 |
| 25° | 3752 | 4094 | 4424 | 4094 | 3752 | 1721 |
| 35° | 3025 | 3110 | 2951 | 3110 | 3025 | 1895 |
| 45° | 2130 | 1139 | 1318 | 1139 | 2130 | 1638 |
| 55° | 1211 | 421  | 445  | 421  | 1211 | 1080 |
| 65° | 482  | 129  | 118  | 129  | 482  | 500  |
| 75° | 135  | 26   | 22   | 26   | 135  | 153  |
| 85° | 28   | 0    | 2    | 0    | 28   | 31   |
| 90° | 0    | 0    | 0    | 0    | 0    |      |



TEST NUMBER: P248561

CATALOG NUMBER: LD8B70D010 ER8B70835 8LBSW0H

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 |
| 2.5°  | 4423.9 | 4419.5 | 4417.4 | 4421.8 | 4423.9 | 4432.6 | 4430.5 | 4434.8 | 4434.8 | 4437.0 | 4441.3 |
| 5°    | 4334.4 | 4332.2 | 4334.4 | 4334.4 | 4343.2 | 4351.9 | 4349.7 | 4356.3 | 4360.6 | 4371.5 | 4375.9 |
| 7.5°  | 4251.5 | 4251.5 | 4249.3 | 4258.0 | 4262.4 | 4275.5 | 4273.3 | 4284.2 | 4290.8 | 4301.7 | 4316.9 |
| 10°   | 4166.4 | 4166.4 | 4168.5 | 4175.1 | 4177.3 | 4196.9 | 4196.9 | 4212.2 | 4220.9 | 4231.9 | 4251.5 |
| 12.5° | 4083.4 | 4083.4 | 4096.6 | 4092.2 | 4100.9 | 4116.1 | 4122.7 | 4138.0 | 4151.1 | 4172.9 | 4192.6 |
| 15°   | 4004.8 | 4004.8 | 4009.2 | 4020.1 | 4026.7 | 4046.3 | 4057.2 | 4074.7 | 4090.0 | 4111.8 | 4140.2 |
| 17.5° | 3937.2 | 3935.0 | 3937.2 | 3950.3 | 3963.4 | 3980.9 | 3989.6 | 4011.4 | 4026.7 | 4055.1 | 4081.3 |
| 20°   | 3869.6 | 3874.0 | 3874.0 | 3884.8 | 3893.5 | 3915.4 | 3924.1 | 3948.2 | 3965.6 | 3991.7 | 4022.4 |
| 22.5° | 3810.6 | 3808.5 | 3808.5 | 3823.7 | 3830.3 | 3849.9 | 3858.6 | 3880.4 | 3900.1 | 3921.9 | 3950.3 |
| 25°   | 3751.7 | 3747.3 | 3756.1 | 3758.3 | 3762.6 | 3784.4 | 3791.0 | 3806.2 | 3825.9 | 3845.6 | 3874.0 |
| 27.5° | 3664.4 | 3660.1 | 3662.2 | 3670.9 | 3677.5 | 3694.9 | 3699.3 | 3714.6 | 3729.9 | 3747.3 | 3771.4 |
| 30°   | 3496.3 | 3492.0 | 3489.8 | 3505.1 | 3511.7 | 3524.7 | 3531.2 | 3557.5 | 3561.8 | 3581.5 | 3598.9 |
| 32.5° | 3273.7 | 3271.5 | 3275.9 | 3289.0 | 3295.5 | 3313.0 | 3321.8 | 3337.0 | 3347.9 | 3358.9 | 3376.3 |
| 35°   | 3024.9 | 3020.5 | 3024.9 | 3038.1 | 3038.1 | 3053.3 | 3059.9 | 3066.4 | 3064.2 | 3066.4 | 3062.0 |
| 37.5° | 2793.6 | 2791.4 | 2793.6 | 2800.1 | 2793.6 | 2800.1 | 2793.6 | 2780.5 | 2756.5 | 2730.3 | 2704.1 |
| 40°   | 2597.2 | 2599.3 | 2586.3 | 2595.0 | 2570.9 | 2566.6 | 2542.6 | 2509.8 | 2461.9 | 2409.5 | 2335.3 |
| 42.5° | 2387.7 | 2381.1 | 2372.4 | 2376.7 | 2357.1 | 2341.8 | 2302.5 | 2261.1 | 2199.9 | 2112.7 | 2023.1 |
| 45°   | 2130.1 | 2128.0 | 2123.6 | 2121.4 | 2108.3 | 2093.0 | 2060.2 | 2012.3 | 1944.6 | 1855.1 | 1748.1 |
| 47.5° | 1879.1 | 1872.6 | 1872.6 | 1874.7 | 1859.5 | 1857.3 | 1831.1 | 1789.7 | 1730.7 | 1643.4 | 1532.1 |
| 50°   | 1639.0 | 1636.8 | 1641.2 | 1650.0 | 1639.0 | 1634.7 | 1617.3 | 1588.9 | 1536.5 | 1462.3 | 1357.5 |
| 52.5° | 1423.0 | 1420.8 | 1425.2 | 1436.1 | 1431.7 | 1436.1 | 1418.6 | 1396.8 | 1361.9 | 1289.8 | 1198.2 |
| 55°   | 1211.3 | 1211.3 | 1211.3 | 1224.3 | 1224.3 | 1224.3 | 1215.6 | 1202.6 | 1169.8 | 1117.4 | 1032.4 |
| 57.5° | 990.9  | 993.0  | 1006.1 | 1008.3 | 1006.1 | 1010.5 | 1008.3 | 995.2  | 973.4  | 936.3  | 870.8  |
| 60°   | 805.4  | 805.4  | 811.9  | 818.5  | 816.2  | 818.5  | 818.5  | 811.9  | 790.1  | 759.5  | 707.2  |
| 62.5° | 637.3  | 643.8  | 639.4  | 643.8  | 652.5  | 643.8  | 639.4  | 635.1  | 619.8  | 600.2  | 556.5  |
| 65°   | 482.3  | 486.7  | 486.7  | 488.9  | 484.5  | 486.7  | 478.0  | 471.4  | 462.7  | 440.9  | 412.5  |
| 67.5° | 366.7  | 366.7  | 366.7  | 366.7  | 364.5  | 362.3  | 360.1  | 353.6  | 338.3  | 329.6  | 299.0  |
| 70°   | 281.5  | 268.4  | 268.4  | 268.4  | 268.4  | 270.7  | 264.1  | 255.4  | 251.0  | 235.7  | 213.9  |
| 72.5° | 187.7  | 192.1  | 187.7  | 187.7  | 183.3  | 185.5  | 176.8  | 172.4  | 168.1  | 159.4  | 146.2  |
| 75°   | 135.3  | 124.4  | 128.7  | 131.0  | 124.4  | 128.7  | 120.0  | 111.3  | 111.3  | 104.7  | 98.2   |
| 77.5° | 87.3   | 85.2   | 87.3   | 89.5   | 87.3   | 85.2   | 80.8   | 76.4   | 76.4   | 74.2   | 67.6   |
| 80°   | 63.3   | 61.1   | 61.1   | 61.1   | 58.9   | 61.1   | 56.8   | 56.8   | 52.4   | 50.2   | 45.8   |
| 82.5° | 41.5   | 41.5   | 39.3   | 41.5   | 39.3   | 41.5   | 34.9   | 34.9   | 34.9   | 32.7   | 28.4   |
| 85°   | 28.4   | 24.0   | 24.0   | 26.2   | 21.8   | 26.2   | 24.0   | 21.8   | 19.7   | 19.7   | 17.4   |
| 87.5° | 13.1   | 15.3   | 13.1   | 15.3   | 13.1   | 13.1   | 15.3   | 13.1   | 13.1   | 8.7    | 8.7    |
| 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: P248561

CATALOG NUMBER: LD8B70D010 ER8B70835 8LBSW0H

**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 |
| 2.5°  | 4447.9 | 4450.1 | 4450.1 | 4458.9 | 4463.2 | 4465.3 | 4465.3 | 4482.8 | 4476.3 | 4480.7 | 4485.0 |
| 5°    | 4384.7 | 4397.7 | 4402.1 | 4402.1 | 4426.1 | 4434.8 | 4443.5 | 4463.2 | 4465.3 | 4478.4 | 4493.7 |
| 7.5°  | 4323.5 | 4338.8 | 4347.6 | 4367.1 | 4382.4 | 4397.7 | 4423.9 | 4437.0 | 4450.1 | 4467.6 | 4487.2 |
| 10°   | 4264.6 | 4282.1 | 4299.5 | 4314.8 | 4338.8 | 4358.4 | 4375.9 | 4406.4 | 4421.8 | 4445.7 | 4471.9 |
| 12.5° | 4207.9 | 4231.9 | 4247.1 | 4273.3 | 4299.5 | 4316.9 | 4343.2 | 4371.5 | 4395.5 | 4419.5 | 4450.1 |
| 15°   | 4157.6 | 4186.0 | 4203.5 | 4231.9 | 4260.2 | 4284.2 | 4312.6 | 4347.6 | 4365.0 | 4393.4 | 4421.8 |
| 17.5° | 4103.0 | 4133.7 | 4155.5 | 4181.6 | 4216.6 | 4242.7 | 4266.8 | 4301.7 | 4323.5 | 4354.0 | 4386.8 |
| 20°   | 4046.3 | 4076.9 | 4103.0 | 4129.3 | 4164.2 | 4190.3 | 4218.7 | 4253.7 | 4277.7 | 4308.2 | 4334.4 |
| 22.5° | 3978.7 | 4007.1 | 4035.4 | 4065.9 | 4100.9 | 4122.7 | 4155.5 | 4186.0 | 4212.2 | 4240.6 | 4266.8 |
| 25°   | 3891.4 | 3926.3 | 3948.2 | 3976.5 | 4004.8 | 4028.8 | 4063.8 | 4094.3 | 4116.1 | 4142.4 | 4166.4 |
| 27.5° | 3788.8 | 3815.0 | 3832.5 | 3856.4 | 3884.8 | 3906.7 | 3932.8 | 3963.4 | 3985.3 | 4009.2 | 4026.7 |
| 30°   | 3614.2 | 3638.2 | 3653.5 | 3670.9 | 3699.3 | 3719.0 | 3740.8 | 3769.1 | 3784.4 | 3801.9 | 3817.2 |
| 32.5° | 3385.0 | 3404.7 | 3413.4 | 3426.5 | 3446.2 | 3465.8 | 3483.3 | 3507.3 | 3513.8 | 3524.7 | 3524.7 |
| 35°   | 3053.3 | 3057.6 | 3055.5 | 3059.9 | 3068.6 | 3079.5 | 3094.7 | 3110.0 | 3118.7 | 3118.7 | 3112.3 |
| 37.5° | 2664.8 | 2638.7 | 2610.3 | 2588.4 | 2581.9 | 2577.5 | 2586.3 | 2592.8 | 2601.6 | 2605.9 | 2595.0 |
| 40°   | 2261.1 | 2202.2 | 2138.8 | 2082.1 | 2042.8 | 2025.4 | 2018.8 | 2023.1 | 2023.1 | 2038.4 | 2038.4 |
| 42.5° | 1914.1 | 1822.4 | 1728.6 | 1643.4 | 1586.6 | 1543.1 | 1523.4 | 1523.4 | 1525.5 | 1536.5 | 1543.1 |
| 45°   | 1626.0 | 1510.3 | 1401.1 | 1307.3 | 1228.7 | 1172.0 | 1145.8 | 1139.3 | 1137.1 | 1141.4 | 1156.7 |
| 47.5° | 1405.5 | 1285.5 | 1172.0 | 1056.3 | 973.4  | 916.7  | 892.7  | 883.9  | 875.2  | 883.9  | 886.1  |
| 50°   | 1233.1 | 1108.7 | 988.7  | 873.0  | 785.7  | 735.5  | 704.9  | 691.8  | 689.6  | 689.6  | 694.0  |
| 52.5° | 1075.9 | 960.3  | 840.3  | 722.4  | 630.7  | 582.7  | 554.4  | 547.8  | 539.1  | 547.8  | 547.8  |
| 55°   | 927.5  | 811.9  | 694.0  | 582.7  | 506.3  | 456.2  | 429.9  | 421.2  | 416.8  | 423.4  | 423.4  |
| 57.5° | 766.1  | 667.8  | 558.8  | 458.3  | 382.0  | 347.0  | 327.4  | 316.5  | 314.2  | 318.6  | 314.2  |
| 60°   | 628.6  | 545.6  | 451.8  | 360.1  | 301.2  | 264.1  | 248.8  | 244.4  | 240.0  | 244.4  | 244.4  |
| 62.5° | 497.6  | 427.8  | 351.3  | 281.5  | 231.3  | 205.2  | 187.7  | 187.7  | 185.5  | 185.5  | 187.7  |
| 65°   | 368.9  | 314.2  | 259.7  | 200.8  | 161.5  | 141.8  | 128.7  | 128.7  | 126.6  | 128.7  | 126.6  |
| 67.5° | 268.4  | 231.3  | 187.7  | 146.2  | 115.7  | 104.7  | 96.0   | 89.5   | 93.9   | 89.5   | 87.3   |
| 70°   | 196.5  | 165.8  | 135.3  | 111.3  | 89.5   | 78.6   | 72.0   | 69.8   | 65.5   | 65.5   | 65.5   |
| 72.5° | 131.0  | 111.3  | 91.6   | 72.0   | 58.9   | 48.0   | 45.8   | 41.5   | 37.1   | 39.3   | 43.7   |
| 75°   | 87.3   | 74.2   | 65.5   | 52.4   | 39.3   | 39.3   | 26.2   | 26.2   | 21.8   | 26.2   | 19.7   |
| 77.5° | 61.1   | 50.2   | 39.3   | 32.7   | 26.2   | 24.0   | 17.4   | 17.4   | 15.3   | 15.3   | 15.3   |
| 80°   | 43.7   | 37.1   | 28.4   | 24.0   | 17.4   | 17.4   | 15.3   | 13.1   | 10.9   | 10.9   | 13.1   |
| 82.5° | 26.2   | 19.7   | 19.7   | 17.4   | 10.9   | 8.7    | 6.6    | 8.7    | 4.4    | 4.4    | 4.4    |
| 85°   | 15.3   | 13.1   | 10.9   | 6.6    | 4.4    | 4.4    | 2.2    | 0.0    | 2.2    | 2.2    | 0.0    |
| 87.5° | 8.7    | 4.4    | 4.4    | 2.2    | 0.0    | 2.2    | 2.2    | 0.0    | 0.0    | 0.0    | 4.4    |
| 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: P248561

CATALOG NUMBER: LD8B70D010 ER8B70835 8LBSW0H

**CANDELA DISTRIBUTION (continued):**

|       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 |
| 2.5°  | 4496.0 | 4493.7 | 4498.1 | 4498.1 | 4511.2 | 4509.0 | 4515.5 | 4515.5 | 4511.2 | 4513.4 | 4522.1 |
| 5°    | 4511.2 | 4517.8 | 4530.8 | 4541.8 | 4561.4 | 4570.2 | 4581.0 | 4592.0 | 4594.1 | 4600.7 | 4607.3 |
| 7.5°  | 4511.2 | 4533.1 | 4548.3 | 4567.9 | 4594.1 | 4609.4 | 4633.4 | 4653.1 | 4661.8 | 4672.7 | 4685.8 |
| 10°   | 4502.4 | 4524.3 | 4552.6 | 4574.5 | 4607.3 | 4631.2 | 4655.2 | 4685.8 | 4698.9 | 4716.3 | 4733.8 |
| 12.5° | 4485.0 | 4509.0 | 4539.5 | 4567.9 | 4605.0 | 4626.8 | 4657.4 | 4685.8 | 4705.5 | 4729.4 | 4749.1 |
| 15°   | 4458.9 | 4487.2 | 4515.5 | 4543.9 | 4583.2 | 4609.4 | 4637.8 | 4670.5 | 4690.2 | 4716.3 | 4733.8 |
| 17.5° | 4417.4 | 4447.9 | 4474.1 | 4500.3 | 4537.4 | 4567.9 | 4594.1 | 4624.7 | 4644.4 | 4666.2 | 4690.2 |
| 20°   | 4367.1 | 4395.5 | 4423.9 | 4445.7 | 4482.8 | 4509.0 | 4537.4 | 4565.8 | 4581.0 | 4585.4 | 4622.5 |
| 22.5° | 4303.9 | 4323.5 | 4345.3 | 4380.3 | 4402.1 | 4426.1 | 4452.3 | 4478.4 | 4493.7 | 4517.8 | 4530.8 |
| 25°   | 4199.1 | 4218.7 | 4242.7 | 4258.0 | 4284.2 | 4303.9 | 4330.0 | 4358.4 | 4367.1 | 4384.7 | 4397.7 |
| 27.5° | 4052.9 | 4063.8 | 4074.7 | 4087.8 | 4103.0 | 4114.0 | 4129.3 | 4142.4 | 4151.1 | 4159.8 | 4168.5 |
| 30°   | 3821.5 | 3821.5 | 3821.5 | 3812.8 | 3819.3 | 3825.9 | 3828.1 | 3825.9 | 3825.9 | 3823.7 | 3823.7 |
| 32.5° | 3516.0 | 3498.5 | 3478.9 | 3461.4 | 3454.9 | 3446.2 | 3441.8 | 3435.2 | 3424.3 | 3417.8 | 3419.9 |
| 35°   | 3103.5 | 3064.2 | 3040.2 | 3018.4 | 3001.0 | 2987.8 | 2981.3 | 2974.7 | 2972.6 | 2963.9 | 2955.1 |
| 37.5° | 2588.4 | 2560.1 | 2542.6 | 2529.5 | 2514.2 | 2501.1 | 2503.3 | 2505.5 | 2512.0 | 2507.7 | 2509.8 |
| 40°   | 2042.8 | 2036.2 | 2042.8 | 2027.5 | 2023.1 | 2027.5 | 2038.4 | 2053.8 | 2062.5 | 2071.2 | 2086.5 |
| 42.5° | 1553.9 | 1564.8 | 1580.2 | 1580.2 | 1586.6 | 1595.4 | 1608.5 | 1632.5 | 1645.6 | 1660.8 | 1678.3 |
| 45°   | 1169.8 | 1182.9 | 1202.6 | 1209.1 | 1213.5 | 1224.3 | 1239.7 | 1259.3 | 1268.0 | 1281.1 | 1296.4 |
| 47.5° | 901.4  | 910.1  | 921.0  | 931.9  | 942.8  | 947.2  | 962.5  | 962.5  | 973.4  | 982.1  | 986.5  |
| 50°   | 702.8  | 711.5  | 720.2  | 726.7  | 731.2  | 737.7  | 742.0  | 748.6  | 750.7  | 755.1  | 757.3  |
| 52.5° | 550.0  | 560.9  | 560.9  | 565.2  | 571.8  | 578.3  | 576.2  | 578.3  | 580.5  | 580.5  | 587.1  |
| 55°   | 429.9  | 429.9  | 436.5  | 436.5  | 440.9  | 438.7  | 440.9  | 440.9  | 440.9  | 440.9  | 443.1  |
| 57.5° | 320.8  | 323.0  | 329.6  | 325.2  | 323.0  | 327.4  | 323.0  | 327.4  | 325.2  | 329.6  | 323.0  |
| 60°   | 246.6  | 246.6  | 248.8  | 248.8  | 251.0  | 251.0  | 251.0  | 248.8  | 248.8  | 246.6  | 246.6  |
| 62.5° | 185.5  | 187.7  | 189.9  | 187.7  | 187.7  | 187.7  | 185.5  | 185.5  | 183.3  | 181.1  | 181.1  |
| 65°   | 124.4  | 122.3  | 126.6  | 122.3  | 124.4  | 124.4  | 122.3  | 124.4  | 117.9  | 120.0  | 117.9  |
| 67.5° | 89.5   | 87.3   | 85.2   | 87.3   | 85.2   | 82.9   | 82.9   | 85.2   | 87.3   | 80.8   | 80.8   |
| 70°   | 58.9   | 61.1   | 58.9   | 61.1   | 63.3   | 63.3   | 61.1   | 58.9   | 61.1   | 56.8   | 58.9   |
| 72.5° | 37.1   | 37.1   | 37.1   | 37.1   | 37.1   | 39.3   | 39.3   | 39.3   | 34.9   | 34.9   | 32.7   |
| 75°   | 17.4   | 24.0   | 19.7   | 17.4   | 24.0   | 24.0   | 21.8   | 21.8   | 19.7   | 19.7   | 19.7   |
| 77.5° | 17.4   | 13.1   | 13.1   | 13.1   | 13.1   | 13.1   | 13.1   | 13.1   | 10.9   | 13.1   | 10.9   |
| 80°   | 8.7    | 8.7    | 8.7    | 6.6    | 8.7    | 8.7    | 10.9   | 8.7    | 8.7    | 6.6    | 10.9   |
| 82.5° | 4.4    | 4.4    | 4.4    | 0.0    | 2.2    | 4.4    | 4.4    | 2.2    | 4.4    | 4.4    | 2.2    |
| 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: P248561

CATALOG NUMBER: LD8B70D010 ER8B70835 8LBSW0H

**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 |
| 2.5°  | 4519.9 | 4517.8 | 4519.9 | 4522.1 | 4519.9 | 4517.8 | 4519.9 | 4522.1 | 4513.4 | 4511.2 | 4515.5 |
| 5°    | 4616.0 | 4616.0 | 4620.3 | 4622.5 | 4620.3 | 4616.0 | 4616.0 | 4607.3 | 4600.7 | 4594.1 | 4592.0 |
| 7.5°  | 4698.9 | 4703.3 | 4707.6 | 4709.8 | 4707.6 | 4703.3 | 4698.9 | 4685.8 | 4672.7 | 4661.8 | 4653.1 |
| 10°   | 4749.1 | 4755.7 | 4764.4 | 4768.7 | 4764.4 | 4755.7 | 4749.1 | 4733.8 | 4716.3 | 4698.9 | 4685.8 |
| 12.5° | 4770.9 | 4777.5 | 4788.4 | 4786.2 | 4788.4 | 4777.5 | 4770.9 | 4749.1 | 4729.4 | 4705.5 | 4685.8 |
| 15°   | 4755.7 | 4764.4 | 4775.3 | 4779.7 | 4775.3 | 4764.4 | 4755.7 | 4733.8 | 4716.3 | 4690.2 | 4670.5 |
| 17.5° | 4707.6 | 4720.7 | 4727.3 | 4733.8 | 4727.3 | 4720.7 | 4707.6 | 4690.2 | 4666.2 | 4644.4 | 4624.7 |
| 20°   | 4642.1 | 4650.9 | 4659.6 | 4661.8 | 4659.6 | 4650.9 | 4642.1 | 4622.5 | 4585.4 | 4581.0 | 4565.8 |
| 22.5° | 4548.3 | 4554.9 | 4574.5 | 4567.9 | 4574.5 | 4554.9 | 4548.3 | 4530.8 | 4517.8 | 4493.7 | 4478.4 |
| 25°   | 4413.0 | 4419.5 | 4421.8 | 4423.9 | 4421.8 | 4419.5 | 4413.0 | 4397.7 | 4384.7 | 4367.1 | 4358.4 |
| 27.5° | 4179.5 | 4179.5 | 4183.8 | 4186.0 | 4183.8 | 4179.5 | 4179.5 | 4168.5 | 4159.8 | 4151.1 | 4142.4 |
| 30°   | 3825.9 | 3825.9 | 3825.9 | 3836.9 | 3825.9 | 3825.9 | 3825.9 | 3823.7 | 3823.7 | 3825.9 | 3825.9 |
| 32.5° | 3417.8 | 3413.4 | 3409.1 | 3413.4 | 3409.1 | 3413.4 | 3417.8 | 3419.9 | 3417.8 | 3424.3 | 3435.2 |
| 35°   | 2955.1 | 2952.9 | 2959.5 | 2950.7 | 2959.5 | 2952.9 | 2955.1 | 2955.1 | 2963.9 | 2972.6 | 2974.7 |
| 37.5° | 2512.0 | 2507.7 | 2516.4 | 2507.7 | 2516.4 | 2507.7 | 2512.0 | 2509.8 | 2507.7 | 2512.0 | 2505.5 |
| 40°   | 2090.9 | 2095.2 | 2095.2 | 2112.7 | 2095.2 | 2095.2 | 2090.9 | 2086.5 | 2071.2 | 2062.5 | 2053.8 |
| 42.5° | 1687.1 | 1700.2 | 1695.8 | 1708.9 | 1695.8 | 1700.2 | 1687.1 | 1678.3 | 1660.8 | 1645.6 | 1632.5 |
| 45°   | 1305.1 | 1313.9 | 1313.9 | 1318.2 | 1313.9 | 1313.9 | 1305.1 | 1296.4 | 1281.1 | 1268.0 | 1259.3 |
| 47.5° | 1001.7 | 1001.7 | 1001.7 | 1004.0 | 1001.7 | 1001.7 | 1001.7 | 986.5  | 982.1  | 973.4  | 962.5  |
| 50°   | 761.7  | 763.8  | 766.1  | 768.3  | 766.1  | 763.8  | 761.7  | 757.3  | 755.1  | 750.7  | 748.6  |
| 52.5° | 584.9  | 587.1  | 582.7  | 587.1  | 582.7  | 587.1  | 584.9  | 587.1  | 580.5  | 580.5  | 578.3  |
| 55°   | 443.1  | 440.9  | 443.1  | 445.2  | 443.1  | 440.9  | 443.1  | 443.1  | 440.9  | 440.9  | 440.9  |
| 57.5° | 325.2  | 320.8  | 320.8  | 320.8  | 320.8  | 320.8  | 325.2  | 323.0  | 329.6  | 325.2  | 327.4  |
| 60°   | 242.3  | 244.4  | 244.4  | 246.6  | 244.4  | 244.4  | 242.3  | 246.6  | 246.6  | 248.8  | 248.8  |
| 62.5° | 178.9  | 185.5  | 181.1  | 185.5  | 181.1  | 185.5  | 178.9  | 181.1  | 181.1  | 183.3  | 185.5  |
| 65°   | 115.7  | 115.7  | 115.7  | 117.9  | 115.7  | 115.7  | 115.7  | 117.9  | 120.0  | 117.9  | 124.4  |
| 67.5° | 78.6   | 80.8   | 85.2   | 82.9   | 85.2   | 80.8   | 78.6   | 80.8   | 80.8   | 87.3   | 85.2   |
| 70°   | 63.3   | 56.8   | 56.8   | 63.3   | 56.8   | 56.8   | 63.3   | 58.9   | 56.8   | 61.1   | 58.9   |
| 72.5° | 37.1   | 32.7   | 37.1   | 37.1   | 37.1   | 32.7   | 37.1   | 32.7   | 34.9   | 34.9   | 39.3   |
| 75°   | 19.7   | 17.4   | 15.3   | 21.8   | 15.3   | 17.4   | 19.7   | 19.7   | 19.7   | 19.7   | 21.8   |
| 77.5° | 13.1   | 10.9   | 15.3   | 15.3   | 15.3   | 10.9   | 13.1   | 10.9   | 13.1   | 10.9   | 13.1   |
| 80°   | 6.6    | 8.7    | 6.6    | 10.9   | 6.6    | 8.7    | 6.6    | 10.9   | 6.6    | 8.7    | 8.7    |
| 82.5° | 2.2    | 4.4    | 4.4    | 4.4    | 4.4    | 4.4    | 2.2    | 2.2    | 4.4    | 4.4    | 2.2    |
| 85°   | 0.0    | 4.4    | 2.2    | 2.2    | 2.2    | 4.4    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 2.2    | 0.0    | 0.0    | 2.2    | 0.0    | 0.0    | 2.2    | 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: P248561

CATALOG NUMBER: LD8B70D010 ER8B70835 8LBSW0H

**CANDELA DISTRIBUTION (continued):**

|       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 |
| 2.5°  | 4515.5 | 4509.0 | 4511.2 | 4498.1 | 4498.1 | 4493.7 | 4496.0 | 4485.0 | 4480.7 | 4476.3 | 4482.8 |
| 5°    | 4581.0 | 4570.2 | 4561.4 | 4541.8 | 4530.8 | 4517.8 | 4511.2 | 4493.7 | 4478.4 | 4465.3 | 4463.2 |
| 7.5°  | 4633.4 | 4609.4 | 4594.1 | 4567.9 | 4548.3 | 4533.1 | 4511.2 | 4487.2 | 4467.6 | 4450.1 | 4437.0 |
| 10°   | 4655.2 | 4631.2 | 4607.3 | 4574.5 | 4552.6 | 4524.3 | 4502.4 | 4471.9 | 4445.7 | 4421.8 | 4406.4 |
| 12.5° | 4657.4 | 4626.8 | 4605.0 | 4567.9 | 4539.5 | 4509.0 | 4485.0 | 4450.1 | 4419.5 | 4395.5 | 4371.5 |
| 15°   | 4637.8 | 4609.4 | 4583.2 | 4543.9 | 4515.5 | 4487.2 | 4458.9 | 4421.8 | 4393.4 | 4365.0 | 4347.6 |
| 17.5° | 4594.1 | 4567.9 | 4537.4 | 4500.3 | 4474.1 | 4447.9 | 4417.4 | 4386.8 | 4354.0 | 4323.5 | 4301.7 |
| 20°   | 4537.4 | 4509.0 | 4482.8 | 4445.7 | 4423.9 | 4395.5 | 4367.1 | 4334.4 | 4308.2 | 4277.7 | 4253.7 |
| 22.5° | 4452.3 | 4426.1 | 4402.1 | 4380.3 | 4345.3 | 4323.5 | 4303.9 | 4266.8 | 4240.6 | 4212.2 | 4186.0 |
| 25°   | 4330.0 | 4303.9 | 4284.2 | 4258.0 | 4242.7 | 4218.7 | 4199.1 | 4166.4 | 4142.4 | 4116.1 | 4094.3 |
| 27.5° | 4129.3 | 4114.0 | 4103.0 | 4087.8 | 4074.7 | 4063.8 | 4052.9 | 4026.7 | 4009.2 | 3985.3 | 3963.4 |
| 30°   | 3828.1 | 3825.9 | 3819.3 | 3812.8 | 3821.5 | 3821.5 | 3821.5 | 3817.2 | 3801.9 | 3784.4 | 3769.1 |
| 32.5° | 3441.8 | 3446.2 | 3454.9 | 3461.4 | 3478.9 | 3498.5 | 3516.0 | 3524.7 | 3524.7 | 3513.8 | 3507.3 |
| 35°   | 2981.3 | 2987.8 | 3001.0 | 3018.4 | 3040.2 | 3064.2 | 3103.5 | 3112.3 | 3118.7 | 3118.7 | 3110.0 |
| 37.5° | 2503.3 | 2501.1 | 2514.2 | 2529.5 | 2542.6 | 2560.1 | 2588.4 | 2595.0 | 2605.9 | 2601.6 | 2592.8 |
| 40°   | 2038.4 | 2027.5 | 2023.1 | 2027.5 | 2042.8 | 2036.2 | 2042.8 | 2038.4 | 2038.4 | 2023.1 | 2023.1 |
| 42.5° | 1608.5 | 1595.4 | 1586.6 | 1580.2 | 1580.2 | 1564.8 | 1553.9 | 1543.1 | 1536.5 | 1525.5 | 1523.4 |
| 45°   | 1239.7 | 1224.3 | 1213.5 | 1209.1 | 1202.6 | 1182.9 | 1169.8 | 1156.7 | 1141.4 | 1137.1 | 1139.3 |
| 47.5° | 962.5  | 947.2  | 942.8  | 931.9  | 921.0  | 910.1  | 901.4  | 886.1  | 883.9  | 875.2  | 883.9  |
| 50°   | 742.0  | 737.7  | 731.2  | 726.7  | 720.2  | 711.5  | 702.8  | 694.0  | 689.6  | 689.6  | 691.8  |
| 52.5° | 576.2  | 578.3  | 571.8  | 565.2  | 560.9  | 560.9  | 550.0  | 547.8  | 547.8  | 539.1  | 547.8  |
| 55°   | 440.9  | 438.7  | 440.9  | 436.5  | 436.5  | 429.9  | 429.9  | 423.4  | 423.4  | 416.8  | 421.2  |
| 57.5° | 323.0  | 327.4  | 323.0  | 325.2  | 329.6  | 323.0  | 320.8  | 314.2  | 318.6  | 314.2  | 316.5  |
| 60°   | 251.0  | 251.0  | 251.0  | 248.8  | 248.8  | 246.6  | 246.6  | 244.4  | 244.4  | 240.0  | 244.4  |
| 62.5° | 185.5  | 187.7  | 187.7  | 187.7  | 189.9  | 187.7  | 185.5  | 187.7  | 185.5  | 185.5  | 187.7  |
| 65°   | 122.3  | 124.4  | 124.4  | 122.3  | 126.6  | 122.3  | 124.4  | 126.6  | 128.7  | 126.6  | 128.7  |
| 67.5° | 82.9   | 82.9   | 85.2   | 87.3   | 85.2   | 87.3   | 89.5   | 87.3   | 89.5   | 93.9   | 89.5   |
| 70°   | 61.1   | 63.3   | 63.3   | 61.1   | 58.9   | 61.1   | 58.9   | 65.5   | 65.5   | 65.5   | 69.8   |
| 72.5° | 39.3   | 39.3   | 37.1   | 37.1   | 37.1   | 37.1   | 37.1   | 43.7   | 39.3   | 37.1   | 41.5   |
| 75°   | 21.8   | 24.0   | 24.0   | 17.4   | 19.7   | 24.0   | 17.4   | 19.7   | 26.2   | 21.8   | 26.2   |
| 77.5° | 13.1   | 13.1   | 13.1   | 13.1   | 13.1   | 13.1   | 17.4   | 15.3   | 15.3   | 15.3   | 17.4   |
| 80°   | 10.9   | 8.7    | 8.7    | 6.6    | 8.7    | 8.7    | 8.7    | 13.1   | 10.9   | 10.9   | 13.1   |
| 82.5° | 4.4    | 4.4    | 2.2    | 0.0    | 4.4    | 4.4    | 4.4    | 4.4    | 4.4    | 4.4    | 8.7    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.2    | 2.2    | 0.0    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 4.4    | 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: P248561

CATALOG NUMBER: LD8B70D010 ER8B70835 8LBSW0H

**CANDELA DISTRIBUTION (continued):**

|       | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 |
| 2.5°  | 4465.3 | 4465.3 | 4463.2 | 4458.9 | 4450.1 | 4450.1 | 4447.9 | 4441.3 | 4437.0 | 4434.8 | 4434.8 |
| 5°    | 4443.5 | 4434.8 | 4426.1 | 4402.1 | 4402.1 | 4397.7 | 4384.7 | 4375.9 | 4371.5 | 4360.6 | 4356.3 |
| 7.5°  | 4423.9 | 4397.7 | 4382.4 | 4367.1 | 4347.6 | 4338.8 | 4323.5 | 4316.9 | 4301.7 | 4290.8 | 4284.2 |
| 10°   | 4375.9 | 4358.4 | 4338.8 | 4314.8 | 4299.5 | 4282.1 | 4264.6 | 4251.5 | 4231.9 | 4220.9 | 4212.2 |
| 12.5° | 4343.2 | 4316.9 | 4299.5 | 4273.3 | 4247.1 | 4231.9 | 4207.9 | 4192.6 | 4172.9 | 4151.1 | 4138.0 |
| 15°   | 4312.6 | 4284.2 | 4260.2 | 4231.9 | 4203.5 | 4186.0 | 4157.6 | 4140.2 | 4111.8 | 4090.0 | 4074.7 |
| 17.5° | 4266.8 | 4242.7 | 4216.6 | 4181.6 | 4155.5 | 4133.7 | 4103.0 | 4081.3 | 4055.1 | 4026.7 | 4011.4 |
| 20°   | 4218.7 | 4190.3 | 4164.2 | 4129.3 | 4103.0 | 4076.9 | 4046.3 | 4022.4 | 3991.7 | 3965.6 | 3948.2 |
| 22.5° | 4155.5 | 4122.7 | 4100.9 | 4065.9 | 4035.4 | 4007.1 | 3978.7 | 3950.3 | 3921.9 | 3900.1 | 3880.4 |
| 25°   | 4063.8 | 4028.8 | 4004.8 | 3976.5 | 3948.2 | 3926.3 | 3891.4 | 3874.0 | 3845.6 | 3825.9 | 3806.2 |
| 27.5° | 3932.8 | 3906.7 | 3884.8 | 3856.4 | 3832.5 | 3815.0 | 3788.8 | 3771.4 | 3747.3 | 3729.9 | 3714.6 |
| 30°   | 3740.8 | 3719.0 | 3699.3 | 3670.9 | 3653.5 | 3638.2 | 3614.2 | 3598.9 | 3581.5 | 3561.8 | 3557.5 |
| 32.5° | 3483.3 | 3465.8 | 3446.2 | 3426.5 | 3413.4 | 3404.7 | 3385.0 | 3376.3 | 3358.9 | 3347.9 | 3337.0 |
| 35°   | 3094.7 | 3079.5 | 3068.6 | 3059.9 | 3055.5 | 3057.6 | 3053.3 | 3062.0 | 3066.4 | 3064.2 | 3066.4 |
| 37.5° | 2586.3 | 2577.5 | 2581.9 | 2588.4 | 2610.3 | 2638.7 | 2664.8 | 2704.1 | 2730.3 | 2756.5 | 2780.5 |
| 40°   | 2018.8 | 2025.4 | 2042.8 | 2082.1 | 2138.8 | 2202.2 | 2261.1 | 2335.3 | 2409.5 | 2461.9 | 2509.8 |
| 42.5° | 1523.4 | 1543.1 | 1586.6 | 1643.4 | 1728.6 | 1822.4 | 1914.1 | 2023.1 | 2112.7 | 2199.9 | 2261.1 |
| 45°   | 1145.8 | 1172.0 | 1228.7 | 1307.3 | 1401.1 | 1510.3 | 1626.0 | 1748.1 | 1855.1 | 1944.6 | 2012.3 |
| 47.5° | 892.7  | 916.7  | 973.4  | 1056.3 | 1172.0 | 1285.5 | 1405.5 | 1532.1 | 1643.4 | 1730.7 | 1789.7 |
| 50°   | 704.9  | 735.5  | 785.7  | 873.0  | 988.7  | 1108.7 | 1233.1 | 1357.5 | 1462.3 | 1536.5 | 1588.9 |
| 52.5° | 554.4  | 582.7  | 630.7  | 722.4  | 840.3  | 960.3  | 1075.9 | 1198.2 | 1289.8 | 1361.9 | 1396.8 |
| 55°   | 429.9  | 456.2  | 506.3  | 582.7  | 694.0  | 811.9  | 927.5  | 1032.4 | 1117.4 | 1169.8 | 1202.6 |
| 57.5° | 327.4  | 347.0  | 382.0  | 458.3  | 558.8  | 667.8  | 766.1  | 870.8  | 936.3  | 973.4  | 995.2  |
| 60°   | 248.8  | 264.1  | 301.2  | 360.1  | 451.8  | 545.6  | 628.6  | 707.2  | 759.5  | 790.1  | 811.9  |
| 62.5° | 187.7  | 205.2  | 231.3  | 281.5  | 351.3  | 427.8  | 497.6  | 556.5  | 600.2  | 619.8  | 635.1  |
| 65°   | 128.7  | 141.8  | 161.5  | 200.8  | 259.7  | 314.2  | 368.9  | 412.5  | 440.9  | 462.7  | 471.4  |
| 67.5° | 96.0   | 104.7  | 115.7  | 146.2  | 187.7  | 231.3  | 268.4  | 299.0  | 329.6  | 338.3  | 353.6  |
| 70°   | 72.0   | 78.6   | 89.5   | 111.3  | 135.3  | 165.8  | 196.5  | 213.9  | 235.7  | 251.0  | 255.4  |
| 72.5° | 45.8   | 48.0   | 58.9   | 72.0   | 91.6   | 111.3  | 131.0  | 146.2  | 159.4  | 168.1  | 172.4  |
| 75°   | 26.2   | 39.3   | 39.3   | 52.4   | 65.5   | 74.2   | 87.3   | 98.2   | 104.7  | 111.3  | 111.3  |
| 77.5° | 17.4   | 24.0   | 26.2   | 32.7   | 39.3   | 50.2   | 61.1   | 67.6   | 74.2   | 76.4   | 76.4   |
| 80°   | 15.3   | 17.4   | 17.4   | 24.0   | 28.4   | 37.1   | 43.7   | 45.8   | 50.2   | 52.4   | 56.8   |
| 82.5° | 6.6    | 8.7    | 10.9   | 17.4   | 19.7   | 19.7   | 26.2   | 28.4   | 32.7   | 34.9   | 34.9   |
| 85°   | 2.2    | 4.4    | 4.4    | 6.6    | 10.9   | 13.1   | 15.3   | 17.4   | 19.7   | 19.7   | 21.8   |
| 87.5° | 2.2    | 2.2    | 0.0    | 2.2    | 4.4    | 4.4    | 8.7    | 8.7    | 8.7    | 13.1   | 13.1   |
| 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: P248561

CATALOG NUMBER: LD8B70D010 ER8B70835 8LBSW0H

**CANDELA DISTRIBUTION (continued):**

|       | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 | 4469.7 |
| 2.5°  | 4430.5 | 4432.6 | 4423.9 | 4421.8 | 4417.4 | 4419.5 | 4423.9 |
| 5°    | 4349.7 | 4351.9 | 4343.2 | 4334.4 | 4334.4 | 4332.2 | 4334.4 |
| 7.5°  | 4273.3 | 4275.5 | 4262.4 | 4258.0 | 4249.3 | 4251.5 | 4251.5 |
| 10°   | 4196.9 | 4196.9 | 4177.3 | 4175.1 | 4168.5 | 4166.4 | 4166.4 |
| 12.5° | 4122.7 | 4116.1 | 4100.9 | 4092.2 | 4096.6 | 4083.4 | 4083.4 |
| 15°   | 4057.2 | 4046.3 | 4026.7 | 4020.1 | 4009.2 | 4004.8 | 4004.8 |
| 17.5° | 3989.6 | 3980.9 | 3963.4 | 3950.3 | 3937.2 | 3935.0 | 3937.2 |
| 20°   | 3924.1 | 3915.4 | 3893.5 | 3884.8 | 3874.0 | 3874.0 | 3869.6 |
| 22.5° | 3858.6 | 3849.9 | 3830.3 | 3823.7 | 3808.5 | 3808.5 | 3810.6 |
| 25°   | 3791.0 | 3784.4 | 3762.6 | 3758.3 | 3756.1 | 3747.3 | 3751.7 |
| 27.5° | 3699.3 | 3694.9 | 3677.5 | 3670.9 | 3662.2 | 3660.1 | 3664.4 |
| 30°   | 3531.2 | 3524.7 | 3511.7 | 3505.1 | 3489.8 | 3492.0 | 3496.3 |
| 32.5° | 3321.8 | 3313.0 | 3295.5 | 3289.0 | 3275.9 | 3271.5 | 3273.7 |
| 35°   | 3059.9 | 3053.3 | 3038.1 | 3038.1 | 3024.9 | 3020.5 | 3024.9 |
| 37.5° | 2793.6 | 2800.1 | 2793.6 | 2800.1 | 2793.6 | 2791.4 | 2793.6 |
| 40°   | 2542.6 | 2566.6 | 2570.9 | 2595.0 | 2586.3 | 2599.3 | 2597.2 |
| 42.5° | 2302.5 | 2341.8 | 2357.1 | 2376.7 | 2372.4 | 2381.1 | 2387.7 |
| 45°   | 2060.2 | 2093.0 | 2108.3 | 2121.4 | 2123.6 | 2128.0 | 2130.1 |
| 47.5° | 1831.1 | 1857.3 | 1859.5 | 1874.7 | 1872.6 | 1872.6 | 1879.1 |
| 50°   | 1617.3 | 1634.7 | 1639.0 | 1650.0 | 1641.2 | 1636.8 | 1639.0 |
| 52.5° | 1418.6 | 1436.1 | 1431.7 | 1436.1 | 1425.2 | 1420.8 | 1423.0 |
| 55°   | 1215.6 | 1224.3 | 1224.3 | 1224.3 | 1211.3 | 1211.3 | 1211.3 |
| 57.5° | 1008.3 | 1010.5 | 1006.1 | 1008.3 | 1006.1 | 993.0  | 990.9  |
| 60°   | 818.5  | 818.5  | 816.2  | 818.5  | 811.9  | 805.4  | 805.4  |
| 62.5° | 639.4  | 643.8  | 652.5  | 643.8  | 639.4  | 643.8  | 637.3  |
| 65°   | 478.0  | 486.7  | 484.5  | 488.9  | 486.7  | 486.7  | 482.3  |
| 67.5° | 360.1  | 362.3  | 364.5  | 366.7  | 366.7  | 366.7  | 366.7  |
| 70°   | 264.1  | 270.7  | 268.4  | 268.4  | 268.4  | 268.4  | 281.5  |
| 72.5° | 176.8  | 185.5  | 183.3  | 187.7  | 187.7  | 192.1  | 187.7  |
| 75°   | 120.0  | 128.7  | 124.4  | 131.0  | 128.7  | 124.4  | 135.3  |
| 77.5° | 80.8   | 85.2   | 87.3   | 89.5   | 87.3   | 85.2   | 87.3   |
| 80°   | 56.8   | 61.1   | 58.9   | 61.1   | 61.1   | 61.1   | 63.3   |
| 82.5° | 34.9   | 41.5   | 39.3   | 41.5   | 39.3   | 41.5   | 41.5   |
| 85°   | 24.0   | 26.2   | 21.8   | 26.2   | 24.0   | 24.0   | 28.4   |
| 87.5° | 15.3   | 13.1   | 13.1   | 15.3   | 13.1   | 15.3   | 13.1   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)