

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: P248688

Luminaire Tested: **LSR8B80D010 EC8B80850 8LBSW0WMH**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P248688  
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: LSR8B80D010 EC8B80850 8LBSW0WMH  
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF  
RECESSED DOWNLIGHT- CYLINDEC  
80 CRI 5000 CCT WITH WARM HAZE TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8404.0 lumens  
Efficiency: N/A  
Efficacy: 113.0 lumens/watt  
Spacing Criteria (0/90/45): 1.2 / 1.23 / 1.15  
Luminous Opening: Circular (Dia: 0.67' x H: 0')  
CIE Type: Direct

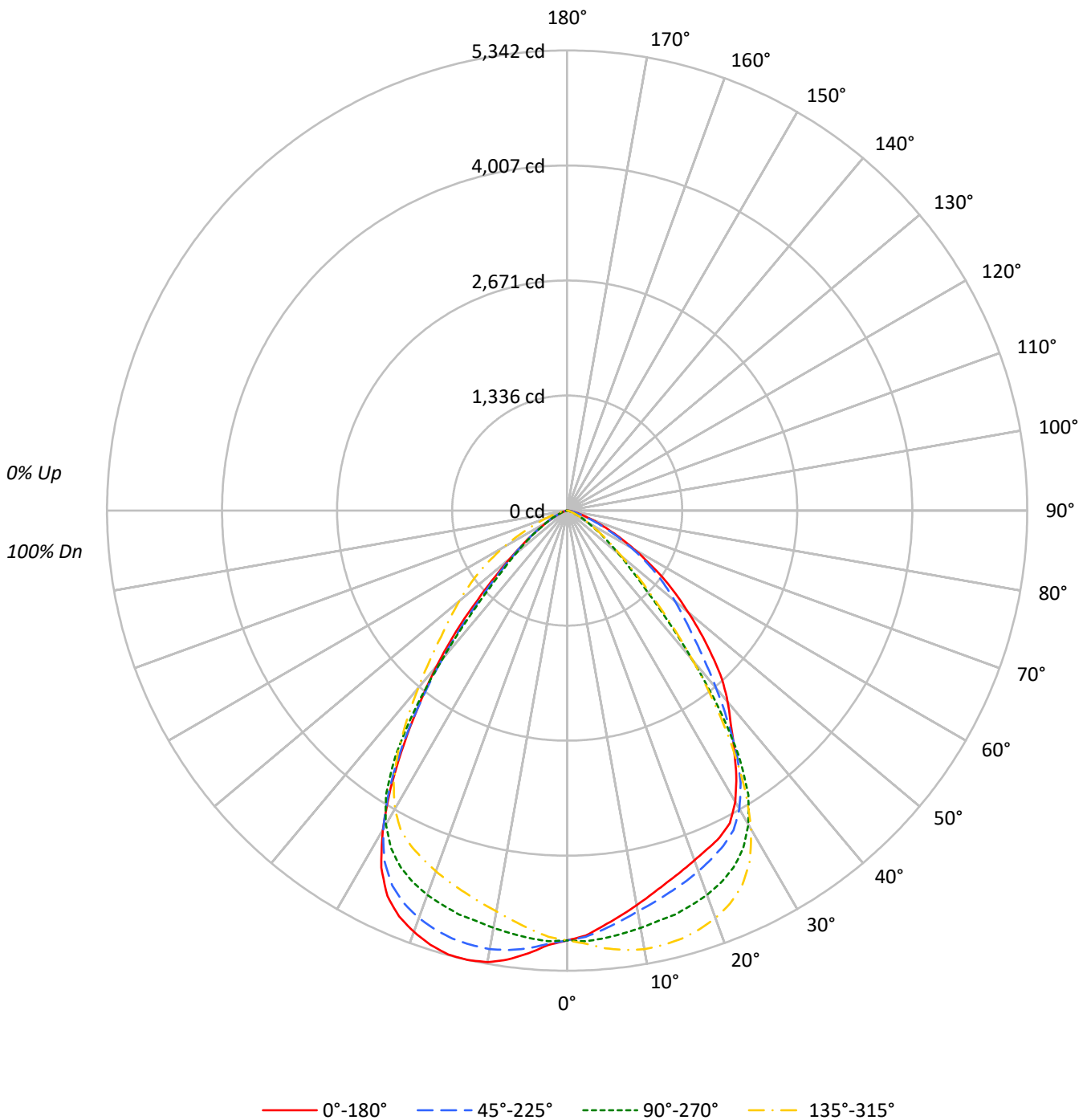
Input Watts (W): 74.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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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°  | 153849 | 153849 | 153849 | 153849 |
| 5°  | 149762 | 154210 | 159717 | 154210 |
| 10° | 145620 | 154008 | 166671 | 154008 |
| 15° | 142710 | 154921 | 170318 | 154921 |
| 20° | 141739 | 155807 | 170758 | 155807 |
| 25° | 142483 | 155494 | 168011 | 155494 |
| 30° | 138959 | 149805 | 152496 | 149805 |
| 35° | 127106 | 130682 | 123989 | 130682 |
| 40° | 116696 | 90905  | 94927  | 90905  |
| 45° | 103689 | 55458  | 64166  | 55458  |
| 50° | 87766  | 37045  | 41137  | 37045  |
| 55° | 72691  | 25279  | 26719  | 25279  |
| 60° | 55438  | 16824  | 16972  | 16824  |
| 65° | 39284  | 10485  | 9602   | 10485  |
| 70° | 28337  | 7023   | 6374   | 7023   |
| 75° | 17990  | 3491   | 2907   | 3491   |
| 80° | 12555  | 2593   | 2149   | 2593   |
| 85° | 11216  | 0      | 849    | 0      |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 474.9  | 5.7       |
| 10°-20°   | 1375.2 | 16.4      |
| 20°-30°   | 2082.3 | 24.8      |
| 30°-40°   | 2086.9 | 24.8      |
| 40°-50°   | 1310.5 | 15.6      |
| 50°-60°   | 698.4  | 8.3       |
| 60°-70°   | 287.2  | 3.4       |
| 70°-80°   | 75.9   | 0.9       |
| 80°-90°   | 12.8   | 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°    | 3932.3 | 46.8      |
| 0°-40°    | 6019.3 | 71.6      |
| 0°-60°    | 8028.1 | 95.5      |
| 0°-90°    | 8404.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 8404.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 4989 | 4989 | 4989 | 4989 | 4989 |      |
| 5°  | 4838 | 4982 | 5160 | 4982 | 4838 | 456  |
| 15° | 4470 | 4853 | 5335 | 4853 | 4470 | 1264 |
| 25° | 4188 | 4570 | 4938 | 4570 | 4188 | 1921 |
| 35° | 3376 | 3472 | 3294 | 3472 | 3376 | 2115 |
| 45° | 2378 | 1272 | 1471 | 1272 | 2378 | 1829 |
| 55° | 1352 | 470  | 497  | 470  | 1352 | 1205 |
| 65° | 538  | 144  | 132  | 144  | 538  | 558  |
| 75° | 151  | 29   | 24   | 29   | 151  | 171  |
| 85° | 32   | 0    | 2    | 0    | 32   | 35   |
| 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°    | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 |
| 2.5°  | 4938.0 | 4933.1 | 4930.7 | 4935.6 | 4938.0 | 4947.8 | 4945.4 | 4950.2 | 4950.2 | 4952.7 | 4957.5 |
| 5°    | 4838.2 | 4835.7 | 4838.2 | 4838.2 | 4847.9 | 4857.6 | 4855.2 | 4862.5 | 4867.4 | 4879.6 | 4884.4 |
| 7.5°  | 4745.6 | 4745.6 | 4743.1 | 4752.8 | 4757.8 | 4772.4 | 4769.9 | 4782.1 | 4789.4 | 4801.6 | 4818.6 |
| 10°   | 4650.6 | 4650.6 | 4653.0 | 4660.3 | 4662.8 | 4684.7 | 4684.7 | 4701.7 | 4711.4 | 4723.7 | 4745.6 |
| 12.5° | 4558.0 | 4558.0 | 4572.7 | 4567.7 | 4577.5 | 4594.5 | 4601.8 | 4618.9 | 4633.5 | 4657.9 | 4679.8 |
| 15°   | 4470.3 | 4470.3 | 4475.2 | 4487.3 | 4494.6 | 4516.6 | 4528.7 | 4548.3 | 4565.3 | 4589.7 | 4621.4 |
| 17.5° | 4394.8 | 4392.4 | 4394.8 | 4409.4 | 4424.0 | 4443.5 | 4453.2 | 4477.6 | 4494.6 | 4526.3 | 4555.6 |
| 20°   | 4319.3 | 4324.2 | 4324.2 | 4336.3 | 4346.0 | 4370.4 | 4380.1 | 4407.0 | 4426.5 | 4455.6 | 4489.8 |
| 22.5° | 4253.5 | 4251.1 | 4251.1 | 4268.1 | 4275.4 | 4297.3 | 4307.0 | 4331.4 | 4353.4 | 4377.7 | 4409.4 |
| 25°   | 4187.7 | 4182.8 | 4192.6 | 4195.0 | 4199.8 | 4224.2 | 4231.5 | 4248.6 | 4270.5 | 4292.5 | 4324.2 |
| 27.5° | 4090.2 | 4085.4 | 4087.8 | 4097.6 | 4104.9 | 4124.3 | 4129.2 | 4146.3 | 4163.3 | 4182.8 | 4209.7 |
| 30°   | 3902.6 | 3897.8 | 3895.4 | 3912.5 | 3919.8 | 3934.3 | 3941.6 | 3970.9 | 3975.7 | 3997.7 | 4017.1 |
| 32.5° | 3654.2 | 3651.7 | 3656.7 | 3671.2 | 3678.5 | 3698.1 | 3707.8 | 3724.8 | 3737.0 | 3749.2 | 3768.7 |
| 35°   | 3376.5 | 3371.6 | 3376.5 | 3391.1 | 3391.1 | 3408.2 | 3415.5 | 3422.7 | 3420.3 | 3422.7 | 3417.9 |
| 37.5° | 3118.3 | 3115.8 | 3118.3 | 3125.5 | 3118.3 | 3125.5 | 3118.3 | 3103.7 | 3076.9 | 3047.6 | 3018.3 |
| 40°   | 2899.0 | 2901.4 | 2886.9 | 2896.6 | 2869.7 | 2864.9 | 2838.1 | 2801.5 | 2748.0 | 2689.5 | 2606.7 |
| 42.5° | 2665.2 | 2657.8 | 2648.1 | 2652.9 | 2631.1 | 2613.9 | 2570.1 | 2523.9 | 2455.6 | 2358.2 | 2258.3 |
| 45°   | 2377.7 | 2375.3 | 2370.4 | 2367.9 | 2353.3 | 2336.3 | 2299.7 | 2246.1 | 2170.6 | 2070.7 | 1951.3 |
| 47.5° | 2097.5 | 2090.2 | 2090.2 | 2092.6 | 2075.6 | 2073.1 | 2043.9 | 1997.6 | 1931.9 | 1834.4 | 1710.2 |
| 50°   | 1829.5 | 1827.1 | 1832.0 | 1841.7 | 1829.5 | 1824.7 | 1805.2 | 1773.5 | 1715.1 | 1632.2 | 1515.2 |
| 52.5° | 1588.3 | 1585.9 | 1590.8 | 1603.0 | 1598.1 | 1603.0 | 1583.5 | 1559.1 | 1520.1 | 1439.7 | 1337.4 |
| 55°   | 1352.1 | 1352.1 | 1352.1 | 1366.6 | 1366.6 | 1366.6 | 1356.9 | 1342.4 | 1305.8 | 1247.3 | 1152.3 |
| 57.5° | 1106.0 | 1108.4 | 1123.1 | 1125.5 | 1123.1 | 1128.0 | 1125.5 | 1110.8 | 1086.6 | 1045.1 | 972.0  |
| 60°   | 898.9  | 898.9  | 906.3  | 913.6  | 911.1  | 913.6  | 913.6  | 906.3  | 881.9  | 847.8  | 789.3  |
| 62.5° | 711.3  | 718.7  | 713.7  | 718.7  | 728.4  | 718.7  | 713.7  | 708.9  | 691.9  | 669.9  | 621.2  |
| 65°   | 538.4  | 543.3  | 543.3  | 545.7  | 540.8  | 543.3  | 533.6  | 526.2  | 516.5  | 492.1  | 460.5  |
| 67.5° | 409.3  | 409.3  | 409.3  | 409.3  | 406.8  | 404.4  | 402.0  | 394.7  | 377.6  | 367.9  | 333.7  |
| 70°   | 314.3  | 299.6  | 299.6  | 299.6  | 299.6  | 302.1  | 294.8  | 285.1  | 280.2  | 263.1  | 238.8  |
| 72.5° | 209.5  | 214.4  | 209.5  | 209.5  | 204.7  | 207.1  | 197.3  | 192.4  | 187.6  | 177.9  | 163.2  |
| 75°   | 151.0  | 138.9  | 143.7  | 146.2  | 138.9  | 143.7  | 134.0  | 124.2  | 124.2  | 116.9  | 109.6  |
| 77.5° | 97.5   | 95.1   | 97.5   | 99.9   | 97.5   | 95.1   | 90.1   | 85.2   | 85.2   | 82.8   | 75.5   |
| 80°   | 70.7   | 68.2   | 68.2   | 68.2   | 65.8   | 68.2   | 63.4   | 63.4   | 58.5   | 56.1   | 51.1   |
| 82.5° | 46.3   | 46.3   | 43.8   | 46.3   | 43.8   | 46.3   | 39.0   | 39.0   | 39.0   | 36.5   | 31.7   |
| 85°   | 31.7   | 26.8   | 26.8   | 29.3   | 24.4   | 29.3   | 26.8   | 24.4   | 22.0   | 22.0   | 19.5   |
| 87.5° | 14.6   | 17.0   | 14.6   | 17.0   | 14.6   | 14.6   | 17.0   | 14.6   | 14.6   | 9.7    | 9.7    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 |
| 2.5°  | 4964.8 | 4967.2 | 4967.2 | 4977.1 | 4981.9 | 4984.3 | 4984.3 | 5003.8 | 4996.5 | 5001.4 | 5006.2 |
| 5°    | 4894.2 | 4908.8 | 4913.7 | 4913.7 | 4940.5 | 4950.2 | 4959.9 | 4981.9 | 4984.3 | 4998.9 | 5016.0 |
| 7.5°  | 4825.9 | 4843.0 | 4852.8 | 4874.7 | 4891.7 | 4908.8 | 4938.0 | 4952.7 | 4967.2 | 4986.8 | 5008.6 |
| 10°   | 4760.2 | 4779.7 | 4799.2 | 4816.2 | 4843.0 | 4865.0 | 4884.4 | 4918.5 | 4935.6 | 4962.4 | 4991.6 |
| 12.5° | 4696.9 | 4723.7 | 4740.7 | 4769.9 | 4799.2 | 4818.6 | 4847.9 | 4879.6 | 4906.4 | 4933.1 | 4967.2 |
| 15°   | 4640.8 | 4672.5 | 4692.0 | 4723.7 | 4755.4 | 4782.1 | 4813.8 | 4852.8 | 4872.3 | 4904.0 | 4935.6 |
| 17.5° | 4579.9 | 4614.1 | 4638.4 | 4667.6 | 4706.6 | 4735.8 | 4762.7 | 4801.6 | 4825.9 | 4860.0 | 4896.6 |
| 20°   | 4516.6 | 4550.7 | 4579.9 | 4609.2 | 4648.2 | 4677.3 | 4709.0 | 4748.0 | 4774.8 | 4808.9 | 4838.2 |
| 22.5° | 4441.1 | 4472.8 | 4504.4 | 4538.5 | 4577.5 | 4601.8 | 4638.4 | 4672.5 | 4701.7 | 4733.4 | 4762.7 |
| 25°   | 4343.6 | 4382.6 | 4407.0 | 4438.6 | 4470.3 | 4497.0 | 4536.1 | 4570.1 | 4594.5 | 4623.8 | 4650.6 |
| 27.5° | 4229.1 | 4258.4 | 4277.9 | 4304.6 | 4336.3 | 4360.7 | 4389.9 | 4424.0 | 4448.4 | 4475.2 | 4494.6 |
| 30°   | 4034.2 | 4061.1 | 4078.1 | 4097.6 | 4129.2 | 4151.2 | 4175.6 | 4207.2 | 4224.2 | 4243.8 | 4260.8 |
| 32.5° | 3778.4 | 3800.4 | 3810.1 | 3824.7 | 3846.7 | 3868.5 | 3888.1 | 3914.9 | 3922.2 | 3934.3 | 3934.3 |
| 35°   | 3408.2 | 3413.0 | 3410.6 | 3415.5 | 3425.2 | 3437.4 | 3454.4 | 3471.5 | 3481.2 | 3481.2 | 3474.0 |
| 37.5° | 2974.5 | 2945.3 | 2913.6 | 2889.3 | 2881.9 | 2877.0 | 2886.9 | 2894.1 | 2903.9 | 2908.7 | 2896.6 |
| 40°   | 2523.9 | 2458.1 | 2387.4 | 2324.0 | 2280.2 | 2260.8 | 2253.4 | 2258.3 | 2258.3 | 2275.3 | 2275.3 |
| 42.5° | 2136.5 | 2034.1 | 1929.5 | 1834.4 | 1771.0 | 1722.4 | 1700.4 | 1700.4 | 1702.8 | 1715.1 | 1722.4 |
| 45°   | 1814.9 | 1685.8 | 1564.0 | 1459.3 | 1371.5 | 1308.2 | 1279.0 | 1271.7 | 1269.3 | 1274.1 | 1291.1 |
| 47.5° | 1568.9 | 1434.9 | 1308.2 | 1179.1 | 1086.6 | 1023.2 | 996.4  | 986.6  | 976.9  | 986.6  | 989.1  |
| 50°   | 1376.4 | 1237.6 | 1103.6 | 974.5  | 877.0  | 820.9  | 786.8  | 772.2  | 769.8  | 769.8  | 774.7  |
| 52.5° | 1201.0 | 1071.9 | 938.0  | 806.4  | 704.0  | 650.5  | 618.8  | 611.5  | 601.7  | 611.5  | 611.5  |
| 55°   | 1035.3 | 906.3  | 774.7  | 650.5  | 565.1  | 509.2  | 479.9  | 470.2  | 465.3  | 472.6  | 472.6  |
| 57.5° | 855.1  | 745.4  | 623.7  | 511.6  | 426.4  | 387.4  | 365.4  | 353.3  | 350.8  | 355.7  | 350.8  |
| 60°   | 701.6  | 609.1  | 504.3  | 402.0  | 336.2  | 294.8  | 277.8  | 272.8  | 267.9  | 272.8  | 272.8  |
| 62.5° | 555.4  | 477.5  | 392.2  | 314.3  | 258.2  | 229.0  | 209.5  | 209.5  | 207.1  | 207.1  | 209.5  |
| 65°   | 411.7  | 350.8  | 289.9  | 224.1  | 180.3  | 158.3  | 143.7  | 143.7  | 141.3  | 143.7  | 141.3  |
| 67.5° | 299.6  | 258.2  | 209.5  | 163.2  | 129.2  | 116.9  | 107.2  | 99.9   | 104.8  | 99.9   | 97.5   |
| 70°   | 219.3  | 185.1  | 151.0  | 124.2  | 99.9   | 87.7   | 80.4   | 77.9   | 73.1   | 73.1   | 73.1   |
| 72.5° | 146.2  | 124.2  | 102.3  | 80.4   | 65.8   | 53.5   | 51.1   | 46.3   | 41.4   | 43.8   | 48.7   |
| 75°   | 97.5   | 82.8   | 73.1   | 58.5   | 43.8   | 43.8   | 29.3   | 29.3   | 24.4   | 29.3   | 22.0   |
| 77.5° | 68.2   | 56.1   | 43.8   | 36.5   | 29.3   | 26.8   | 19.5   | 19.5   | 17.0   | 17.0   | 17.0   |
| 80°   | 48.7   | 41.4   | 31.7   | 26.8   | 19.5   | 19.5   | 17.0   | 14.6   | 12.1   | 12.1   | 14.6   |
| 82.5° | 29.3   | 22.0   | 22.0   | 19.5   | 12.1   | 9.7    | 7.3    | 9.7    | 4.9    | 4.9    | 4.9    |
| 85°   | 17.0   | 14.6   | 12.1   | 7.3    | 4.9    | 4.9    | 2.4    | 0.0    | 2.4    | 2.4    | 0.0    |
| 87.5° | 9.7    | 4.9    | 4.9    | 2.4    | 0.0    | 2.4    | 2.4    | 0.0    | 0.0    | 0.0    | 4.9    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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CATALOG NUMBER: LSR8B80D010 EC8B80850 8LBSW0WMH

**CANDELA DISTRIBUTION (continued):**

|       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 |
| 2.5°  | 5018.5 | 5016.0 | 5020.9 | 5020.9 | 5035.5 | 5033.0 | 5040.3 | 5040.3 | 5035.5 | 5037.9 | 5047.6 |
| 5°    | 5035.5 | 5042.8 | 5057.4 | 5069.6 | 5091.5 | 5101.3 | 5113.4 | 5125.7 | 5128.1 | 5135.4 | 5142.7 |
| 7.5°  | 5035.5 | 5059.9 | 5076.9 | 5098.8 | 5128.1 | 5145.1 | 5171.9 | 5193.8 | 5203.6 | 5215.7 | 5230.3 |
| 10°   | 5025.7 | 5050.1 | 5081.7 | 5106.1 | 5142.7 | 5169.5 | 5196.3 | 5230.3 | 5245.0 | 5264.4 | 5284.0 |
| 12.5° | 5006.2 | 5033.0 | 5067.1 | 5098.8 | 5140.2 | 5164.6 | 5198.7 | 5230.3 | 5252.3 | 5279.1 | 5301.0 |
| 15°   | 4977.1 | 5008.6 | 5040.3 | 5072.0 | 5115.8 | 5145.1 | 5176.8 | 5213.3 | 5235.3 | 5264.4 | 5284.0 |
| 17.5° | 4930.7 | 4964.8 | 4994.1 | 5023.3 | 5064.7 | 5098.8 | 5128.1 | 5162.2 | 5184.1 | 5208.5 | 5235.3 |
| 20°   | 4874.7 | 4906.4 | 4938.0 | 4962.4 | 5003.8 | 5033.0 | 5064.7 | 5096.4 | 5113.4 | 5118.3 | 5159.8 |
| 22.5° | 4804.1 | 4825.9 | 4850.3 | 4889.3 | 4913.7 | 4940.5 | 4969.7 | 4998.9 | 5016.0 | 5042.8 | 5057.4 |
| 25°   | 4687.1 | 4709.0 | 4735.8 | 4752.8 | 4782.1 | 4804.1 | 4833.3 | 4865.0 | 4874.7 | 4894.2 | 4908.8 |
| 27.5° | 4523.9 | 4536.1 | 4548.3 | 4562.8 | 4579.9 | 4592.1 | 4609.2 | 4623.8 | 4633.5 | 4643.2 | 4653.0 |
| 30°   | 4265.6 | 4265.6 | 4265.6 | 4255.9 | 4263.2 | 4270.5 | 4272.9 | 4270.5 | 4270.5 | 4268.1 | 4268.1 |
| 32.5° | 3924.6 | 3905.1 | 3883.2 | 3863.7 | 3856.4 | 3846.7 | 3841.8 | 3834.4 | 3822.3 | 3815.0 | 3817.4 |
| 35°   | 3464.1 | 3420.3 | 3393.5 | 3369.2 | 3349.7 | 3335.1 | 3327.8 | 3320.4 | 3318.0 | 3308.3 | 3298.5 |
| 37.5° | 2889.3 | 2857.6 | 2838.1 | 2823.5 | 2806.4 | 2791.8 | 2794.2 | 2796.7 | 2803.9 | 2799.1 | 2801.5 |
| 40°   | 2280.2 | 2272.9 | 2280.2 | 2263.2 | 2258.3 | 2263.2 | 2275.3 | 2292.4 | 2302.2 | 2311.9 | 2328.9 |
| 42.5° | 1734.5 | 1746.7 | 1763.8 | 1763.8 | 1771.0 | 1780.9 | 1795.4 | 1822.3 | 1836.8 | 1853.8 | 1873.4 |
| 45°   | 1305.8 | 1320.4 | 1342.4 | 1349.6 | 1354.5 | 1366.6 | 1383.8 | 1405.6 | 1415.4 | 1430.0 | 1447.0 |
| 47.5° | 1006.1 | 1015.9 | 1028.0 | 1040.2 | 1052.4 | 1057.3 | 1074.3 | 1074.3 | 1086.6 | 1096.3 | 1101.1 |
| 50°   | 784.4  | 794.2  | 803.9  | 811.2  | 816.1  | 823.4  | 828.3  | 835.6  | 838.0  | 842.9  | 845.3  |
| 52.5° | 613.9  | 626.1  | 626.1  | 630.9  | 638.2  | 645.6  | 643.2  | 645.6  | 648.0  | 648.0  | 655.3  |
| 55°   | 479.9  | 479.9  | 487.2  | 487.2  | 492.1  | 489.6  | 492.1  | 492.1  | 492.1  | 492.1  | 494.5  |
| 57.5° | 358.1  | 360.6  | 367.9  | 363.0  | 360.6  | 365.4  | 360.6  | 365.4  | 363.0  | 367.9  | 360.6  |
| 60°   | 275.2  | 275.2  | 277.8  | 277.8  | 280.2  | 280.2  | 280.2  | 277.8  | 277.8  | 275.2  | 275.2  |
| 62.5° | 207.1  | 209.5  | 212.0  | 209.5  | 209.5  | 209.5  | 207.1  | 207.1  | 204.7  | 202.2  | 202.2  |
| 65°   | 138.9  | 136.5  | 141.3  | 136.5  | 138.9  | 138.9  | 136.5  | 138.9  | 131.6  | 134.0  | 131.6  |
| 67.5° | 99.9   | 97.5   | 95.1   | 97.5   | 95.1   | 92.6   | 92.6   | 95.1   | 97.5   | 90.1   | 90.1   |
| 70°   | 65.8   | 68.2   | 65.8   | 68.2   | 70.7   | 70.7   | 68.2   | 65.8   | 68.2   | 63.4   | 65.8   |
| 72.5° | 41.4   | 41.4   | 41.4   | 41.4   | 41.4   | 43.8   | 43.8   | 43.8   | 39.0   | 39.0   | 36.5   |
| 75°   | 19.5   | 26.8   | 22.0   | 19.5   | 26.8   | 26.8   | 24.4   | 24.4   | 22.0   | 22.0   | 22.0   |
| 77.5° | 19.5   | 14.6   | 14.6   | 14.6   | 14.6   | 14.6   | 14.6   | 14.6   | 12.1   | 14.6   | 12.1   |
| 80°   | 9.7    | 9.7    | 9.7    | 7.3    | 9.7    | 9.7    | 12.1   | 9.7    | 9.7    | 7.3    | 12.1   |
| 82.5° | 4.9    | 4.9    | 4.9    | 0.0    | 2.4    | 4.9    | 4.9    | 2.4    | 4.9    | 4.9    | 2.4    |
| 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: P248688

CATALOG NUMBER: LSR8B80D010 EC8B80850 8LBSW0WMH

**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 |
| 2.5°  | 5045.2 | 5042.8 | 5045.2 | 5047.6 | 5045.2 | 5042.8 | 5045.2 | 5047.6 | 5037.9 | 5035.5 | 5040.3 |
| 5°    | 5152.4 | 5152.4 | 5157.2 | 5159.8 | 5157.2 | 5152.4 | 5152.4 | 5142.7 | 5135.4 | 5128.1 | 5125.7 |
| 7.5°  | 5245.0 | 5249.9 | 5254.7 | 5257.1 | 5254.7 | 5249.9 | 5245.0 | 5230.3 | 5215.7 | 5203.6 | 5193.8 |
| 10°   | 5301.0 | 5308.4 | 5318.1 | 5322.9 | 5318.1 | 5308.4 | 5301.0 | 5284.0 | 5264.4 | 5245.0 | 5230.3 |
| 12.5° | 5325.4 | 5332.7 | 5344.9 | 5342.5 | 5344.9 | 5332.7 | 5325.4 | 5301.0 | 5279.1 | 5252.3 | 5230.3 |
| 15°   | 5308.4 | 5318.1 | 5330.2 | 5335.1 | 5330.2 | 5318.1 | 5308.4 | 5284.0 | 5264.4 | 5235.3 | 5213.3 |
| 17.5° | 5254.7 | 5269.4 | 5276.7 | 5284.0 | 5276.7 | 5269.4 | 5254.7 | 5235.3 | 5208.5 | 5184.1 | 5162.2 |
| 20°   | 5181.6 | 5191.4 | 5201.2 | 5203.6 | 5201.2 | 5191.4 | 5181.6 | 5159.8 | 5118.3 | 5113.4 | 5096.4 |
| 22.5° | 5076.9 | 5084.2 | 5106.1 | 5098.8 | 5106.1 | 5084.2 | 5076.9 | 5057.4 | 5042.8 | 5016.0 | 4998.9 |
| 25°   | 4925.8 | 4933.1 | 4935.6 | 4938.0 | 4935.6 | 4933.1 | 4925.8 | 4908.8 | 4894.2 | 4874.7 | 4865.0 |
| 27.5° | 4665.2 | 4665.2 | 4670.0 | 4672.5 | 4670.0 | 4665.2 | 4665.2 | 4653.0 | 4643.2 | 4633.5 | 4623.8 |
| 30°   | 4270.5 | 4270.5 | 4270.5 | 4282.8 | 4270.5 | 4270.5 | 4270.5 | 4268.1 | 4268.1 | 4270.5 | 4270.5 |
| 32.5° | 3815.0 | 3810.1 | 3805.3 | 3810.1 | 3805.3 | 3810.1 | 3815.0 | 3817.4 | 3815.0 | 3822.3 | 3834.4 |
| 35°   | 3298.5 | 3296.1 | 3303.4 | 3293.7 | 3303.4 | 3296.1 | 3298.5 | 3298.5 | 3308.3 | 3318.0 | 3320.4 |
| 37.5° | 2803.9 | 2799.1 | 2808.9 | 2799.1 | 2808.9 | 2799.1 | 2803.9 | 2801.5 | 2799.1 | 2803.9 | 2796.7 |
| 40°   | 2333.9 | 2338.7 | 2338.7 | 2358.2 | 2338.7 | 2338.7 | 2333.9 | 2328.9 | 2311.9 | 2302.2 | 2292.4 |
| 42.5° | 1883.1 | 1897.8 | 1892.9 | 1907.5 | 1892.9 | 1897.8 | 1883.1 | 1873.4 | 1853.8 | 1836.8 | 1822.3 |
| 45°   | 1456.8 | 1466.6 | 1466.6 | 1471.4 | 1466.6 | 1466.6 | 1456.8 | 1447.0 | 1430.0 | 1415.4 | 1405.6 |
| 47.5° | 1118.1 | 1118.1 | 1118.1 | 1120.7 | 1118.1 | 1118.1 | 1118.1 | 1101.1 | 1096.3 | 1086.6 | 1074.3 |
| 50°   | 850.2  | 852.6  | 855.1  | 857.5  | 855.1  | 852.6  | 850.2  | 845.3  | 842.9  | 838.0  | 835.6  |
| 52.5° | 652.9  | 655.3  | 650.5  | 655.3  | 650.5  | 655.3  | 652.9  | 655.3  | 648.0  | 648.0  | 645.6  |
| 55°   | 494.5  | 492.1  | 494.5  | 497.0  | 494.5  | 492.1  | 494.5  | 494.5  | 492.1  | 492.1  | 492.1  |
| 57.5° | 363.0  | 358.1  | 358.1  | 358.1  | 358.1  | 358.1  | 363.0  | 360.6  | 367.9  | 363.0  | 365.4  |
| 60°   | 270.4  | 272.8  | 272.8  | 275.2  | 272.8  | 272.8  | 270.4  | 275.2  | 275.2  | 277.8  | 277.8  |
| 62.5° | 199.7  | 207.1  | 202.2  | 207.1  | 202.2  | 207.1  | 199.7  | 202.2  | 202.2  | 204.7  | 207.1  |
| 65°   | 129.2  | 129.2  | 129.2  | 131.6  | 129.2  | 129.2  | 129.2  | 131.6  | 134.0  | 131.6  | 138.9  |
| 67.5° | 87.7   | 90.1   | 95.1   | 92.6   | 95.1   | 90.1   | 87.7   | 90.1   | 90.1   | 97.5   | 95.1   |
| 70°   | 70.7   | 63.4   | 63.4   | 70.7   | 63.4   | 63.4   | 70.7   | 65.8   | 63.4   | 68.2   | 65.8   |
| 72.5° | 41.4   | 36.5   | 41.4   | 41.4   | 41.4   | 36.5   | 41.4   | 36.5   | 39.0   | 39.0   | 43.8   |
| 75°   | 22.0   | 19.5   | 17.0   | 24.4   | 17.0   | 19.5   | 22.0   | 22.0   | 22.0   | 22.0   | 24.4   |
| 77.5° | 14.6   | 12.1   | 17.0   | 17.0   | 17.0   | 12.1   | 14.6   | 12.1   | 14.6   | 12.1   | 14.6   |
| 80°   | 7.3    | 9.7    | 7.3    | 12.1   | 7.3    | 9.7    | 7.3    | 12.1   | 7.3    | 9.7    | 9.7    |
| 82.5° | 2.4    | 4.9    | 4.9    | 4.9    | 4.9    | 4.9    | 2.4    | 2.4    | 4.9    | 4.9    | 2.4    |
| 85°   | 0.0    | 4.9    | 2.4    | 2.4    | 2.4    | 4.9    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 2.4    | 0.0    | 0.0    | 2.4    | 0.0    | 0.0    | 2.4    | 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    |



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CATALOG NUMBER: LSR8B80D010 EC8B80850 8LBSW0WMH

**CANDELA DISTRIBUTION (continued):**

|       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 |
| 2.5°  | 5040.3 | 5033.0 | 5035.5 | 5020.9 | 5020.9 | 5016.0 | 5018.5 | 5006.2 | 5001.4 | 4996.5 | 5003.8 |
| 5°    | 5113.4 | 5101.3 | 5091.5 | 5069.6 | 5057.4 | 5042.8 | 5035.5 | 5016.0 | 4998.9 | 4984.3 | 4981.9 |
| 7.5°  | 5171.9 | 5145.1 | 5128.1 | 5098.8 | 5076.9 | 5059.9 | 5035.5 | 5008.6 | 4986.8 | 4967.2 | 4952.7 |
| 10°   | 5196.3 | 5169.5 | 5142.7 | 5106.1 | 5081.7 | 5050.1 | 5025.7 | 4991.6 | 4962.4 | 4935.6 | 4918.5 |
| 12.5° | 5198.7 | 5164.6 | 5140.2 | 5098.8 | 5067.1 | 5033.0 | 5006.2 | 4967.2 | 4933.1 | 4906.4 | 4879.6 |
| 15°   | 5176.8 | 5145.1 | 5115.8 | 5072.0 | 5040.3 | 5008.6 | 4977.1 | 4935.6 | 4904.0 | 4872.3 | 4852.8 |
| 17.5° | 5128.1 | 5098.8 | 5064.7 | 5023.3 | 4994.1 | 4964.8 | 4930.7 | 4896.6 | 4860.0 | 4825.9 | 4801.6 |
| 20°   | 5064.7 | 5033.0 | 5003.8 | 4962.4 | 4938.0 | 4906.4 | 4874.7 | 4838.2 | 4808.9 | 4774.8 | 4748.0 |
| 22.5° | 4969.7 | 4940.5 | 4913.7 | 4889.3 | 4850.3 | 4825.9 | 4804.1 | 4762.7 | 4733.4 | 4701.7 | 4672.5 |
| 25°   | 4833.3 | 4804.1 | 4782.1 | 4752.8 | 4735.8 | 4709.0 | 4687.1 | 4650.6 | 4623.8 | 4594.5 | 4570.1 |
| 27.5° | 4609.2 | 4592.1 | 4579.9 | 4562.8 | 4548.3 | 4536.1 | 4523.9 | 4494.6 | 4475.2 | 4448.4 | 4424.0 |
| 30°   | 4272.9 | 4270.5 | 4263.2 | 4255.9 | 4265.6 | 4265.6 | 4265.6 | 4260.8 | 4243.8 | 4224.2 | 4207.2 |
| 32.5° | 3841.8 | 3846.7 | 3856.4 | 3863.7 | 3883.2 | 3905.1 | 3924.6 | 3934.3 | 3934.3 | 3922.2 | 3914.9 |
| 35°   | 3327.8 | 3335.1 | 3349.7 | 3369.2 | 3393.5 | 3420.3 | 3464.1 | 3474.0 | 3481.2 | 3481.2 | 3471.5 |
| 37.5° | 2794.2 | 2791.8 | 2806.4 | 2823.5 | 2838.1 | 2857.6 | 2889.3 | 2896.6 | 2908.7 | 2903.9 | 2894.1 |
| 40°   | 2275.3 | 2263.2 | 2258.3 | 2263.2 | 2280.2 | 2272.9 | 2280.2 | 2275.3 | 2275.3 | 2258.3 | 2258.3 |
| 42.5° | 1795.4 | 1780.9 | 1771.0 | 1763.8 | 1763.8 | 1746.7 | 1734.5 | 1722.4 | 1715.1 | 1702.8 | 1700.4 |
| 45°   | 1383.8 | 1366.6 | 1354.5 | 1349.6 | 1342.4 | 1320.4 | 1305.8 | 1291.1 | 1274.1 | 1269.3 | 1271.7 |
| 47.5° | 1074.3 | 1057.3 | 1052.4 | 1040.2 | 1028.0 | 1015.9 | 1006.1 | 989.1  | 986.6  | 976.9  | 986.6  |
| 50°   | 828.3  | 823.4  | 816.1  | 811.2  | 803.9  | 794.2  | 784.4  | 774.7  | 769.8  | 769.8  | 772.2  |
| 52.5° | 643.2  | 645.6  | 638.2  | 630.9  | 626.1  | 626.1  | 613.9  | 611.5  | 611.5  | 601.7  | 611.5  |
| 55°   | 492.1  | 489.6  | 492.1  | 487.2  | 487.2  | 479.9  | 479.9  | 472.6  | 472.6  | 465.3  | 470.2  |
| 57.5° | 360.6  | 365.4  | 360.6  | 363.0  | 367.9  | 360.6  | 358.1  | 350.8  | 355.7  | 350.8  | 353.3  |
| 60°   | 280.2  | 280.2  | 280.2  | 277.8  | 277.8  | 275.2  | 275.2  | 272.8  | 272.8  | 267.9  | 272.8  |
| 62.5° | 207.1  | 209.5  | 209.5  | 209.5  | 212.0  | 209.5  | 207.1  | 209.5  | 207.1  | 207.1  | 209.5  |
| 65°   | 136.5  | 138.9  | 138.9  | 136.5  | 141.3  | 136.5  | 138.9  | 141.3  | 143.7  | 141.3  | 143.7  |
| 67.5° | 92.6   | 92.6   | 95.1   | 97.5   | 95.1   | 97.5   | 99.9   | 97.5   | 99.9   | 104.8  | 99.9   |
| 70°   | 68.2   | 70.7   | 70.7   | 68.2   | 65.8   | 68.2   | 65.8   | 73.1   | 73.1   | 73.1   | 77.9   |
| 72.5° | 43.8   | 43.8   | 41.4   | 41.4   | 41.4   | 41.4   | 41.4   | 48.7   | 43.8   | 41.4   | 46.3   |
| 75°   | 24.4   | 26.8   | 26.8   | 19.5   | 22.0   | 26.8   | 19.5   | 22.0   | 29.3   | 24.4   | 29.3   |
| 77.5° | 14.6   | 14.6   | 14.6   | 14.6   | 14.6   | 14.6   | 19.5   | 17.0   | 17.0   | 17.0   | 19.5   |
| 80°   | 12.1   | 9.7    | 9.7    | 7.3    | 9.7    | 9.7    | 9.7    | 14.6   | 12.1   | 12.1   | 14.6   |
| 82.5° | 4.9    | 4.9    | 2.4    | 0.0    | 4.9    | 4.9    | 4.9    | 4.9    | 4.9    | 4.9    | 9.7    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.4    | 2.4    | 0.0    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 4.9    | 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    |



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**CANDELA DISTRIBUTION (continued):**

|       | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 |
| 2.5°  | 4984.3 | 4984.3 | 4981.9 | 4977.1 | 4967.2 | 4967.2 | 4964.8 | 4957.5 | 4952.7 | 4950.2 | 4950.2 |
| 5°    | 4959.9 | 4950.2 | 4940.5 | 4913.7 | 4913.7 | 4908.8 | 4894.2 | 4884.4 | 4879.6 | 4867.4 | 4862.5 |
| 7.5°  | 4938.0 | 4908.8 | 4891.7 | 4874.7 | 4852.8 | 4843.0 | 4825.9 | 4818.6 | 4801.6 | 4789.4 | 4782.1 |
| 10°   | 4884.4 | 4865.0 | 4843.0 | 4816.2 | 4799.2 | 4779.7 | 4760.2 | 4745.6 | 4723.7 | 4711.4 | 4701.7 |
| 12.5° | 4847.9 | 4818.6 | 4799.2 | 4769.9 | 4740.7 | 4723.7 | 4696.9 | 4679.8 | 4657.9 | 4633.5 | 4618.9 |
| 15°   | 4813.8 | 4782.1 | 4755.4 | 4723.7 | 4692.0 | 4672.5 | 4640.8 | 4621.4 | 4589.7 | 4565.3 | 4548.3 |
| 17.5° | 4762.7 | 4735.8 | 4706.6 | 4667.6 | 4638.4 | 4614.1 | 4579.9 | 4555.6 | 4526.3 | 4494.6 | 4477.6 |
| 20°   | 4709.0 | 4677.3 | 4648.2 | 4609.2 | 4579.9 | 4550.7 | 4516.6 | 4489.8 | 4455.6 | 4426.5 | 4407.0 |
| 22.5° | 4638.4 | 4601.8 | 4577.5 | 4538.5 | 4504.4 | 4472.8 | 4441.1 | 4409.4 | 4377.7 | 4353.4 | 4331.4 |
| 25°   | 4536.1 | 4497.0 | 4470.3 | 4438.6 | 4407.0 | 4382.6 | 4343.6 | 4324.2 | 4292.5 | 4270.5 | 4248.6 |
| 27.5° | 4389.9 | 4360.7 | 4336.3 | 4304.6 | 4277.9 | 4258.4 | 4229.1 | 4209.7 | 4182.8 | 4163.3 | 4146.3 |
| 30°   | 4175.6 | 4151.2 | 4129.2 | 4097.6 | 4078.1 | 4061.1 | 4034.2 | 4017.1 | 3997.7 | 3975.7 | 3970.9 |
| 32.5° | 3888.1 | 3868.5 | 3846.7 | 3824.7 | 3810.1 | 3800.4 | 3778.4 | 3768.7 | 3749.2 | 3737.0 | 3724.8 |
| 35°   | 3454.4 | 3437.4 | 3425.2 | 3415.5 | 3410.6 | 3413.0 | 3408.2 | 3417.9 | 3422.7 | 3420.3 | 3422.7 |
| 37.5° | 2886.9 | 2877.0 | 2881.9 | 2889.3 | 2913.6 | 2945.3 | 2974.5 | 3018.3 | 3047.6 | 3076.9 | 3103.7 |
| 40°   | 2253.4 | 2260.8 | 2280.2 | 2324.0 | 2387.4 | 2458.1 | 2523.9 | 2606.7 | 2689.5 | 2748.0 | 2801.5 |
| 42.5° | 1700.4 | 1722.4 | 1771.0 | 1834.4 | 1929.5 | 2034.1 | 2136.5 | 2258.3 | 2358.2 | 2455.6 | 2523.9 |
| 45°   | 1279.0 | 1308.2 | 1371.5 | 1459.3 | 1564.0 | 1685.8 | 1814.9 | 1951.3 | 2070.7 | 2170.6 | 2246.1 |
| 47.5° | 996.4  | 1023.2 | 1086.6 | 1179.1 | 1308.2 | 1434.9 | 1568.9 | 1710.2 | 1834.4 | 1931.9 | 1997.6 |
| 50°   | 786.8  | 820.9  | 877.0  | 974.5  | 1103.6 | 1237.6 | 1376.4 | 1515.2 | 1632.2 | 1715.1 | 1773.5 |
| 52.5° | 618.8  | 650.5  | 704.0  | 806.4  | 938.0  | 1071.9 | 1201.0 | 1337.4 | 1439.7 | 1520.1 | 1559.1 |
| 55°   | 479.9  | 509.2  | 565.1  | 650.5  | 774.7  | 906.3  | 1035.3 | 1152.3 | 1247.3 | 1305.8 | 1342.4 |
| 57.5° | 365.4  | 387.4  | 426.4  | 511.6  | 623.7  | 745.4  | 855.1  | 972.0  | 1045.1 | 1086.6 | 1110.8 |
| 60°   | 277.8  | 294.8  | 336.2  | 402.0  | 504.3  | 609.1  | 701.6  | 789.3  | 847.8  | 881.9  | 906.3  |
| 62.5° | 209.5  | 229.0  | 258.2  | 314.3  | 392.2  | 477.5  | 555.4  | 621.2  | 669.9  | 691.9  | 708.9  |
| 65°   | 143.7  | 158.3  | 180.3  | 224.1  | 289.9  | 350.8  | 411.7  | 460.5  | 492.1  | 516.5  | 526.2  |
| 67.5° | 107.2  | 116.9  | 129.2  | 163.2  | 209.5  | 258.2  | 299.6  | 333.7  | 367.9  | 377.6  | 394.7  |
| 70°   | 80.4   | 87.7   | 99.9   | 124.2  | 151.0  | 185.1  | 219.3  | 238.8  | 263.1  | 280.2  | 285.1  |
| 72.5° | 51.1   | 53.5   | 65.8   | 80.4   | 102.3  | 124.2  | 146.2  | 163.2  | 177.9  | 187.6  | 192.4  |
| 75°   | 29.3   | 43.8   | 43.8   | 58.5   | 73.1   | 82.8   | 97.5   | 109.6  | 116.9  | 124.2  | 124.2  |
| 77.5° | 19.5   | 26.8   | 29.3   | 36.5   | 43.8   | 56.1   | 68.2   | 75.5   | 82.8   | 85.2   | 85.2   |
| 80°   | 17.0   | 19.5   | 19.5   | 26.8   | 31.7   | 41.4   | 48.7   | 51.1   | 56.1   | 58.5   | 63.4   |
| 82.5° | 7.3    | 9.7    | 12.1   | 19.5   | 22.0   | 22.0   | 29.3   | 31.7   | 36.5   | 39.0   | 39.0   |
| 85°   | 2.4    | 4.9    | 4.9    | 7.3    | 12.1   | 14.6   | 17.0   | 19.5   | 22.0   | 22.0   | 24.4   |
| 87.5° | 2.4    | 2.4    | 0.0    | 2.4    | 4.9    | 4.9    | 9.7    | 9.7    | 9.7    | 14.6   | 14.6   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



TEST NUMBER: P248688

CATALOG NUMBER: LSR8B80D010 EC8B80850 8LBSW0WMH

**CANDELA DISTRIBUTION (continued):**

|       | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 | 4989.2 |
| 2.5°  | 4945.4 | 4947.8 | 4938.0 | 4935.6 | 4930.7 | 4933.1 | 4938.0 |
| 5°    | 4855.2 | 4857.6 | 4847.9 | 4838.2 | 4838.2 | 4835.7 | 4838.2 |
| 7.5°  | 4769.9 | 4772.4 | 4757.8 | 4752.8 | 4743.1 | 4745.6 | 4745.6 |
| 10°   | 4684.7 | 4684.7 | 4662.8 | 4660.3 | 4653.0 | 4650.6 | 4650.6 |
| 12.5° | 4601.8 | 4594.5 | 4577.5 | 4567.7 | 4572.7 | 4558.0 | 4558.0 |
| 15°   | 4528.7 | 4516.6 | 4494.6 | 4487.3 | 4475.2 | 4470.3 | 4470.3 |
| 17.5° | 4453.2 | 4443.5 | 4424.0 | 4409.4 | 4394.8 | 4392.4 | 4394.8 |
| 20°   | 4380.1 | 4370.4 | 4346.0 | 4336.3 | 4324.2 | 4324.2 | 4319.3 |
| 22.5° | 4307.0 | 4297.3 | 4275.4 | 4268.1 | 4251.1 | 4251.1 | 4253.5 |
| 25°   | 4231.5 | 4224.2 | 4199.8 | 4195.0 | 4192.6 | 4182.8 | 4187.7 |
| 27.5° | 4129.2 | 4124.3 | 4104.9 | 4097.6 | 4087.8 | 4085.4 | 4090.2 |
| 30°   | 3941.6 | 3934.3 | 3919.8 | 3912.5 | 3895.4 | 3897.8 | 3902.6 |
| 32.5° | 3707.8 | 3698.1 | 3678.5 | 3671.2 | 3656.7 | 3651.7 | 3654.2 |
| 35°   | 3415.5 | 3408.2 | 3391.1 | 3391.1 | 3376.5 | 3371.6 | 3376.5 |
| 37.5° | 3118.3 | 3125.5 | 3118.3 | 3125.5 | 3118.3 | 3115.8 | 3118.3 |
| 40°   | 2838.1 | 2864.9 | 2869.7 | 2896.6 | 2886.9 | 2901.4 | 2899.0 |
| 42.5° | 2570.1 | 2613.9 | 2631.1 | 2652.9 | 2648.1 | 2657.8 | 2665.2 |
| 45°   | 2299.7 | 2336.3 | 2353.3 | 2367.9 | 2370.4 | 2375.3 | 2377.7 |
| 47.5° | 2043.9 | 2073.1 | 2075.6 | 2092.6 | 2090.2 | 2090.2 | 2097.5 |
| 50°   | 1805.2 | 1824.7 | 1829.5 | 1841.7 | 1832.0 | 1827.1 | 1829.5 |
| 52.5° | 1583.5 | 1603.0 | 1598.1 | 1603.0 | 1590.8 | 1585.9 | 1588.3 |
| 55°   | 1356.9 | 1366.6 | 1366.6 | 1366.6 | 1352.1 | 1352.1 | 1352.1 |
| 57.5° | 1125.5 | 1128.0 | 1123.1 | 1125.5 | 1123.1 | 1108.4 | 1106.0 |
| 60°   | 913.6  | 913.6  | 911.1  | 913.6  | 906.3  | 898.9  | 898.9  |
| 62.5° | 713.7  | 718.7  | 728.4  | 718.7  | 713.7  | 718.7  | 711.3  |
| 65°   | 533.6  | 543.3  | 540.8  | 545.7  | 543.3  | 543.3  | 538.4  |
| 67.5° | 402.0  | 404.4  | 406.8  | 409.3  | 409.3  | 409.3  | 409.3  |
| 70°   | 294.8  | 302.1  | 299.6  | 299.6  | 299.6  | 299.6  | 314.3  |
| 72.5° | 197.3  | 207.1  | 204.7  | 209.5  | 209.5  | 214.4  | 209.5  |
| 75°   | 134.0  | 143.7  | 138.9  | 146.2  | 143.7  | 138.9  | 151.0  |
| 77.5° | 90.1   | 95.1   | 97.5   | 99.9   | 97.5   | 95.1   | 97.5   |
| 80°   | 63.4   | 68.2   | 65.8   | 68.2   | 68.2   | 68.2   | 70.7   |
| 82.5° | 39.0   | 46.3   | 43.8   | 46.3   | 43.8   | 46.3   | 46.3   |
| 85°   | 26.8   | 29.3   | 24.4   | 29.3   | 26.8   | 26.8   | 31.7   |
| 87.5° | 17.0   | 14.6   | 14.6   | 17.0   | 14.6   | 17.0   | 14.6   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)