

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: P249011

Luminaire Tested: **LSR8B70D010 EC8B70850 8LBSW0MW**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P249011
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: LSR8B70D010 EC8B70850 8LBSW0MW
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT- CYLINDEC
80 CRI 5000 CCT WITH MATTE WHITE TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7546.0 lumens
Efficiency: N/A
Efficacy: 99.4 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

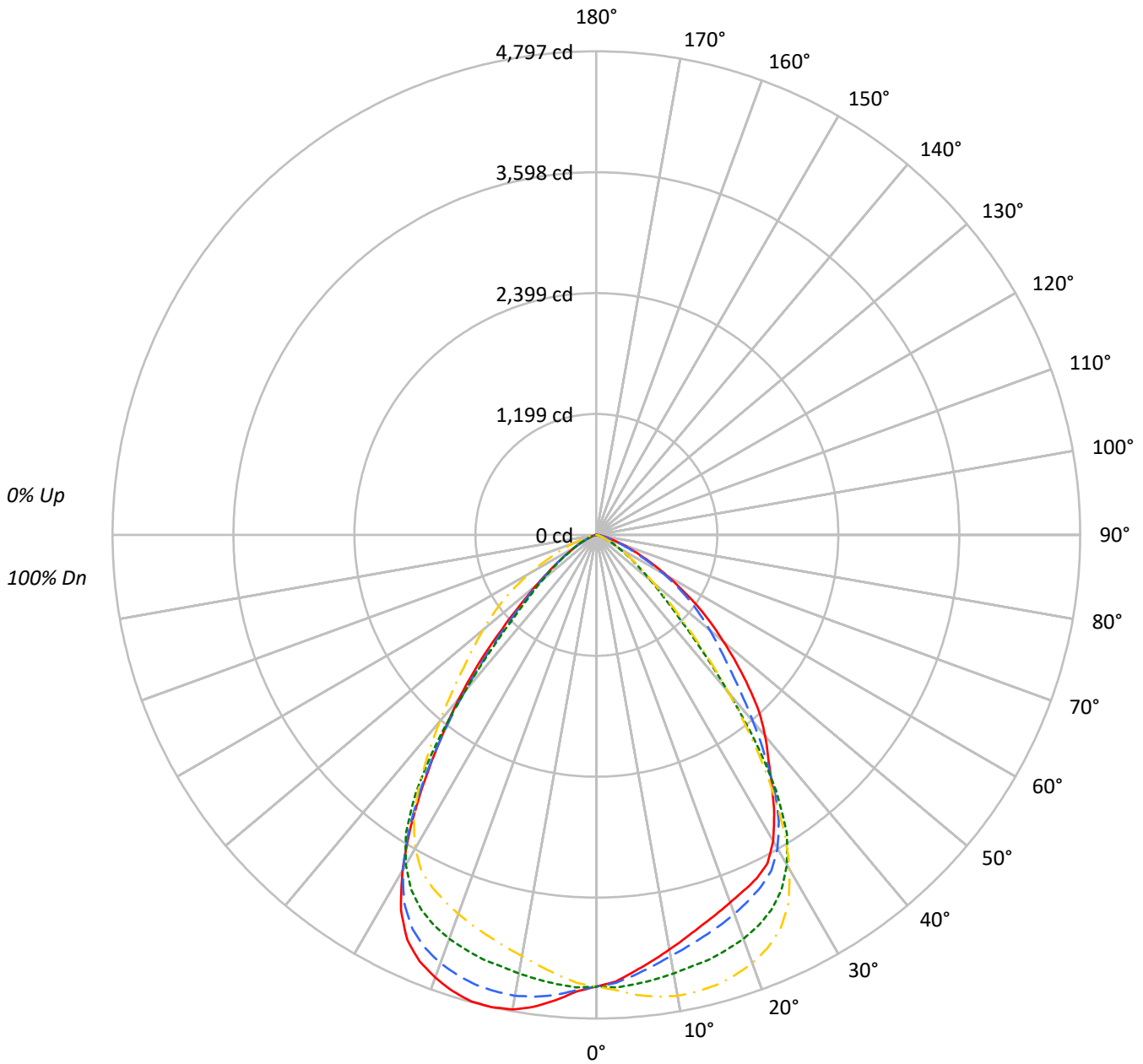
Input Watts (W): 75.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P249011

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270° - - - 135°-315°



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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° | 138141 | 138141 | 138141 | 138141 |
| 5° | 134471 | 138464 | 143410 | 138464 |
| 10° | 130753 | 138283 | 149656 | 138283 |
| 15° | 128140 | 139106 | 152929 | 139106 |
| 20° | 127268 | 139902 | 153323 | 139902 |
| 25° | 127937 | 139621 | 150859 | 139621 |
| 30° | 124773 | 134508 | 136926 | 134508 |
| 35° | 114130 | 117337 | 111329 | 117337 |
| 40° | 104781 | 81623 | 85238 | 81623 |
| 45° | 93101 | 49793 | 57616 | 49793 |
| 50° | 78805 | 33264 | 36939 | 33264 |
| 55° | 65266 | 22698 | 23988 | 22698 |
| 60° | 49782 | 15110 | 15239 | 15110 |
| 65° | 35271 | 9412 | 8617 | 9412 |
| 70° | 25443 | 6311 | 5725 | 6311 |
| 75° | 16156 | 3133 | 2609 | 3133 |
| 80° | 11276 | 2326 | 1936 | 2326 |
| 85° | 10084 | 0 | 778 | 0 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 426.4 | 5.7 |
| 10°-20° | 1234.8 | 16.4 |
| 20°-30° | 1869.7 | 24.8 |
| 30°-40° | 1873.9 | 24.8 |
| 40°-50° | 1176.7 | 15.6 |
| 50°-60° | 627.1 | 8.3 |
| 60°-70° | 257.9 | 3.4 |
| 70°-80° | 68.1 | 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° | 3530.8 | 46.8 |
| 0°-40° | 5404.7 | 71.6 |
| 0°-60° | 7208.5 | 95.5 |
| 0°-90° | 7546.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 7546.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 4480 | 4480 | 4480 | 4480 | 4480 | |
| 5° | 4344 | 4473 | 4633 | 4473 | 4344 | 410 |
| 15° | 4014 | 4357 | 4790 | 4357 | 4014 | 1135 |
| 25° | 3760 | 4104 | 4434 | 4104 | 3760 | 1725 |
| 35° | 3032 | 3117 | 2957 | 3117 | 3032 | 1899 |
| 45° | 2135 | 1142 | 1321 | 1142 | 2135 | 1642 |
| 55° | 1214 | 422 | 446 | 422 | 1214 | 1082 |
| 65° | 483 | 129 | 118 | 129 | 483 | 501 |
| 75° | 136 | 26 | 22 | 26 | 136 | 154 |
| 85° | 28 | 0 | 2 | 0 | 28 | 31 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P249011

CATALOG NUMBER: LSR8B70D010 EC8B70850 8LBSW0MW

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 |
| 2.5° | 4433.9 | 4429.5 | 4427.3 | 4431.7 | 4433.9 | 4442.6 | 4440.5 | 4444.8 | 4444.8 | 4447.0 | 4451.4 |
| 5° | 4344.2 | 4342.0 | 4344.2 | 4344.2 | 4353.0 | 4361.7 | 4359.5 | 4366.1 | 4370.4 | 4381.4 | 4385.7 |
| 7.5° | 4261.1 | 4261.1 | 4258.9 | 4267.6 | 4272.0 | 4285.2 | 4282.9 | 4293.9 | 4300.5 | 4311.4 | 4326.7 |
| 10° | 4175.8 | 4175.8 | 4177.9 | 4184.5 | 4186.8 | 4206.4 | 4206.4 | 4221.7 | 4230.4 | 4241.4 | 4261.1 |
| 12.5° | 4092.7 | 4092.7 | 4105.8 | 4101.4 | 4110.1 | 4125.4 | 4132.0 | 4147.3 | 4160.5 | 4182.3 | 4202.1 |
| 15° | 4013.9 | 4013.9 | 4018.3 | 4029.2 | 4035.8 | 4055.5 | 4066.4 | 4083.9 | 4099.2 | 4121.1 | 4149.6 |
| 17.5° | 3946.1 | 3943.9 | 3946.1 | 3959.2 | 3972.4 | 3989.8 | 3998.6 | 4020.5 | 4035.8 | 4064.2 | 4090.5 |
| 20° | 3878.3 | 3882.7 | 3882.7 | 3893.6 | 3902.3 | 3924.2 | 3932.9 | 3957.1 | 3974.5 | 4000.7 | 4031.4 |
| 22.5° | 3819.2 | 3817.1 | 3817.1 | 3832.4 | 3838.9 | 3858.6 | 3867.3 | 3889.2 | 3908.9 | 3930.8 | 3959.2 |
| 25° | 3760.2 | 3755.8 | 3764.6 | 3766.7 | 3771.1 | 3792.9 | 3799.5 | 3814.8 | 3834.5 | 3854.3 | 3882.7 |
| 27.5° | 3672.7 | 3668.3 | 3670.5 | 3679.2 | 3685.8 | 3703.3 | 3707.7 | 3723.0 | 3738.3 | 3755.8 | 3779.9 |
| 30° | 3504.2 | 3499.9 | 3497.7 | 3513.0 | 3519.6 | 3532.6 | 3539.2 | 3565.5 | 3569.8 | 3589.5 | 3607.0 |
| 32.5° | 3281.1 | 3278.9 | 3283.3 | 3296.4 | 3303.0 | 3320.5 | 3329.3 | 3344.6 | 3355.5 | 3366.4 | 3383.9 |
| 35° | 3031.8 | 3027.4 | 3031.8 | 3044.9 | 3044.9 | 3060.2 | 3066.8 | 3073.3 | 3071.1 | 3073.3 | 3069.0 |
| 37.5° | 2799.9 | 2797.7 | 2799.9 | 2806.4 | 2799.9 | 2806.4 | 2799.9 | 2786.8 | 2762.7 | 2736.5 | 2710.2 |
| 40° | 2603.0 | 2605.2 | 2592.1 | 2600.9 | 2576.7 | 2572.4 | 2548.4 | 2515.5 | 2467.4 | 2414.9 | 2340.6 |
| 42.5° | 2393.1 | 2386.5 | 2377.8 | 2382.1 | 2362.4 | 2347.1 | 2307.7 | 2266.2 | 2204.9 | 2117.5 | 2027.7 |
| 45° | 2134.9 | 2132.8 | 2128.4 | 2126.2 | 2113.1 | 2097.7 | 2064.9 | 2016.8 | 1949.0 | 1859.3 | 1752.1 |
| 47.5° | 1883.4 | 1876.8 | 1876.8 | 1879.0 | 1863.7 | 1861.5 | 1835.2 | 1793.7 | 1734.6 | 1647.1 | 1535.6 |
| 50° | 1642.7 | 1640.5 | 1645.0 | 1653.7 | 1642.7 | 1638.4 | 1620.9 | 1592.5 | 1540.0 | 1465.6 | 1360.5 |
| 52.5° | 1426.2 | 1424.0 | 1428.4 | 1439.3 | 1434.9 | 1439.3 | 1421.8 | 1400.0 | 1364.9 | 1292.7 | 1200.9 |
| 55° | 1214.0 | 1214.0 | 1214.0 | 1227.1 | 1227.1 | 1227.1 | 1218.4 | 1205.3 | 1172.4 | 1120.0 | 1034.7 |
| 57.5° | 993.1 | 995.3 | 1008.4 | 1010.6 | 1008.4 | 1012.8 | 1010.6 | 997.4 | 975.6 | 938.4 | 872.8 |
| 60° | 807.2 | 807.2 | 813.7 | 820.3 | 818.1 | 820.3 | 820.3 | 813.7 | 791.9 | 761.3 | 708.8 |
| 62.5° | 638.7 | 645.3 | 640.9 | 645.3 | 654.0 | 645.3 | 640.9 | 636.6 | 621.2 | 601.5 | 557.8 |
| 65° | 483.4 | 487.8 | 487.8 | 490.0 | 485.6 | 487.8 | 479.1 | 472.5 | 463.8 | 441.9 | 413.4 |
| 67.5° | 367.5 | 367.5 | 367.5 | 367.5 | 365.3 | 363.1 | 361.0 | 354.4 | 339.1 | 330.3 | 299.6 |
| 70° | 282.2 | 269.0 | 269.0 | 269.0 | 269.0 | 271.3 | 264.7 | 256.0 | 251.6 | 236.3 | 214.4 |
| 72.5° | 188.1 | 192.5 | 188.1 | 188.1 | 183.8 | 185.9 | 177.2 | 172.8 | 168.5 | 159.7 | 146.6 |
| 75° | 135.6 | 124.7 | 129.0 | 131.3 | 124.7 | 129.0 | 120.3 | 111.6 | 111.6 | 105.0 | 98.4 |
| 77.5° | 87.5 | 85.4 | 87.5 | 89.7 | 87.5 | 85.4 | 80.9 | 76.5 | 76.5 | 74.4 | 67.8 |
| 80° | 63.5 | 61.2 | 61.2 | 61.2 | 59.1 | 61.2 | 56.9 | 56.9 | 52.5 | 50.3 | 45.9 |
| 82.5° | 41.6 | 41.6 | 39.3 | 41.6 | 39.3 | 41.6 | 35.0 | 35.0 | 35.0 | 32.8 | 28.5 |
| 85° | 28.5 | 24.0 | 24.0 | 26.3 | 21.9 | 26.3 | 24.0 | 21.9 | 19.7 | 19.7 | 17.5 |
| 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: P249011

CATALOG NUMBER: LSR8B70D010 EC8B70850 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 |
| 2.5° | 4457.9 | 4460.1 | 4460.1 | 4468.9 | 4473.2 | 4475.4 | 4475.4 | 4493.0 | 4486.4 | 4490.8 | 4495.1 |
| 5° | 4394.6 | 4407.6 | 4412.0 | 4412.0 | 4436.1 | 4444.8 | 4453.5 | 4473.2 | 4475.4 | 4488.6 | 4503.9 |
| 7.5° | 4333.2 | 4348.5 | 4357.4 | 4377.0 | 4392.3 | 4407.6 | 4433.9 | 4447.0 | 4460.1 | 4477.7 | 4497.3 |
| 10° | 4274.2 | 4291.7 | 4309.2 | 4324.5 | 4348.5 | 4368.3 | 4385.7 | 4416.3 | 4431.7 | 4455.8 | 4482.0 |
| 12.5° | 4217.4 | 4241.4 | 4256.7 | 4282.9 | 4309.2 | 4326.7 | 4353.0 | 4381.4 | 4405.5 | 4429.5 | 4460.1 |
| 15° | 4167.0 | 4195.5 | 4213.0 | 4241.4 | 4269.9 | 4293.9 | 4322.3 | 4357.4 | 4374.8 | 4403.3 | 4431.7 |
| 17.5° | 4112.3 | 4143.0 | 4164.9 | 4191.1 | 4226.1 | 4252.3 | 4276.4 | 4311.4 | 4333.2 | 4363.9 | 4396.7 |
| 20° | 4055.5 | 4086.1 | 4112.3 | 4138.6 | 4173.6 | 4199.8 | 4228.3 | 4263.3 | 4287.3 | 4317.9 | 4344.2 |
| 22.5° | 3987.7 | 4016.1 | 4044.5 | 4075.1 | 4110.1 | 4132.0 | 4164.9 | 4195.5 | 4221.7 | 4250.1 | 4276.4 |
| 25° | 3900.2 | 3935.2 | 3957.1 | 3985.4 | 4013.9 | 4037.9 | 4072.9 | 4103.6 | 4125.4 | 4151.7 | 4175.8 |
| 27.5° | 3797.3 | 3823.6 | 3841.1 | 3865.1 | 3893.6 | 3915.5 | 3941.7 | 3972.4 | 3994.3 | 4018.3 | 4035.8 |
| 30° | 3622.3 | 3646.4 | 3661.8 | 3679.2 | 3707.7 | 3727.4 | 3749.3 | 3777.6 | 3792.9 | 3810.5 | 3825.8 |
| 32.5° | 3392.6 | 3412.4 | 3421.1 | 3434.2 | 3454.0 | 3473.6 | 3491.1 | 3515.2 | 3521.8 | 3532.6 | 3532.6 |
| 35° | 3060.2 | 3064.5 | 3062.4 | 3066.8 | 3075.5 | 3086.4 | 3101.7 | 3117.0 | 3125.8 | 3125.8 | 3119.3 |
| 37.5° | 2670.8 | 2644.6 | 2616.2 | 2594.3 | 2587.7 | 2583.3 | 2592.1 | 2598.6 | 2607.4 | 2611.8 | 2600.9 |
| 40° | 2266.2 | 2207.1 | 2143.7 | 2086.8 | 2047.4 | 2029.9 | 2023.4 | 2027.7 | 2027.7 | 2043.0 | 2043.0 |
| 42.5° | 1918.4 | 1826.5 | 1732.5 | 1647.1 | 1590.2 | 1546.5 | 1526.8 | 1526.8 | 1529.0 | 1540.0 | 1546.5 |
| 45° | 1629.6 | 1513.7 | 1404.3 | 1310.3 | 1231.5 | 1174.6 | 1148.4 | 1141.8 | 1139.7 | 1144.0 | 1159.3 |
| 47.5° | 1408.7 | 1288.4 | 1174.6 | 1058.7 | 975.6 | 918.7 | 894.7 | 885.9 | 877.1 | 885.9 | 888.1 |
| 50° | 1235.9 | 1111.2 | 990.9 | 875.0 | 787.5 | 737.1 | 706.5 | 693.4 | 691.2 | 691.2 | 695.6 |
| 52.5° | 1078.4 | 962.5 | 842.2 | 724.1 | 632.1 | 584.1 | 555.6 | 549.0 | 540.3 | 549.0 | 549.0 |
| 55° | 929.6 | 813.7 | 695.6 | 584.1 | 507.4 | 457.2 | 430.9 | 422.2 | 417.8 | 424.3 | 424.3 |
| 57.5° | 767.8 | 669.3 | 560.0 | 459.4 | 382.8 | 347.8 | 328.1 | 317.2 | 314.9 | 319.4 | 314.9 |
| 60° | 630.0 | 546.9 | 452.8 | 361.0 | 301.9 | 264.7 | 249.4 | 245.0 | 240.6 | 245.0 | 245.0 |
| 62.5° | 498.7 | 428.8 | 352.1 | 282.2 | 231.8 | 205.6 | 188.1 | 188.1 | 185.9 | 185.9 | 188.1 |
| 65° | 369.7 | 314.9 | 260.3 | 201.2 | 161.9 | 142.2 | 129.0 | 129.0 | 126.9 | 129.0 | 126.9 |
| 67.5° | 269.0 | 231.8 | 188.1 | 146.6 | 116.0 | 105.0 | 96.2 | 89.7 | 94.1 | 89.7 | 87.5 |
| 70° | 196.9 | 166.2 | 135.6 | 111.6 | 89.7 | 78.8 | 72.2 | 70.0 | 65.6 | 65.6 | 65.6 |
| 72.5° | 131.3 | 111.6 | 91.8 | 72.2 | 59.1 | 48.1 | 45.9 | 41.6 | 37.2 | 39.3 | 43.8 |
| 75° | 87.5 | 74.4 | 65.6 | 52.5 | 39.3 | 39.3 | 26.3 | 26.3 | 21.9 | 26.3 | 19.7 |
| 77.5° | 61.2 | 50.3 | 39.3 | 32.8 | 26.3 | 24.0 | 17.5 | 17.5 | 15.3 | 15.3 | 15.3 |
| 80° | 43.8 | 37.2 | 28.5 | 24.0 | 17.5 | 17.5 | 15.3 | 13.1 | 10.9 | 10.9 | 13.1 |
| 82.5° | 26.3 | 19.7 | 19.7 | 17.5 | 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: P249011

CATALOG NUMBER: LSR8B70D010 EC8B70850 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 |
| 2.5° | 4506.1 | 4503.9 | 4508.3 | 4508.3 | 4521.4 | 4519.2 | 4525.7 | 4525.7 | 4521.4 | 4523.6 | 4532.3 |
| 5° | 4521.4 | 4528.0 | 4541.0 | 4552.0 | 4571.7 | 4580.5 | 4591.4 | 4602.4 | 4604.5 | 4611.1 | 4617.7 |
| 7.5° | 4521.4 | 4543.3 | 4558.6 | 4578.2 | 4604.5 | 4619.8 | 4643.9 | 4663.6 | 4672.3 | 4683.2 | 4696.4 |
| 10° | 4512.6 | 4534.5 | 4562.9 | 4584.8 | 4617.7 | 4641.7 | 4665.7 | 4696.4 | 4709.5 | 4727.0 | 4744.5 |
| 12.5° | 4495.1 | 4519.2 | 4549.8 | 4578.2 | 4615.4 | 4637.3 | 4667.9 | 4696.4 | 4716.1 | 4740.1 | 4759.8 |
| 15° | 4468.9 | 4497.3 | 4525.7 | 4554.2 | 4593.5 | 4619.8 | 4648.3 | 4681.1 | 4700.8 | 4727.0 | 4744.5 |
| 17.5° | 4427.3 | 4457.9 | 4484.2 | 4510.4 | 4547.6 | 4578.2 | 4604.5 | 4635.1 | 4654.9 | 4676.7 | 4700.8 |
| 20° | 4377.0 | 4405.5 | 4433.9 | 4455.8 | 4493.0 | 4519.2 | 4547.6 | 4576.1 | 4591.4 | 4595.8 | 4633.0 |
| 22.5° | 4313.6 | 4333.2 | 4355.1 | 4390.1 | 4412.0 | 4436.1 | 4462.4 | 4488.6 | 4503.9 | 4528.0 | 4541.0 |
| 25° | 4208.5 | 4228.3 | 4252.3 | 4267.6 | 4293.9 | 4313.6 | 4339.8 | 4368.3 | 4377.0 | 4394.6 | 4407.6 |
| 27.5° | 4062.1 | 4072.9 | 4083.9 | 4097.0 | 4112.3 | 4123.3 | 4138.6 | 4151.7 | 4160.5 | 4169.2 | 4177.9 |
| 30° | 3830.1 | 3830.1 | 3830.1 | 3821.4 | 3828.0 | 3834.5 | 3836.7 | 3834.5 | 3834.5 | 3832.4 | 3832.4 |
| 32.5° | 3523.9 | 3506.4 | 3486.7 | 3469.3 | 3462.7 | 3454.0 | 3449.5 | 3443.0 | 3432.1 | 3425.5 | 3427.7 |
| 35° | 3110.5 | 3071.1 | 3047.1 | 3025.2 | 3007.7 | 2994.6 | 2988.0 | 2981.4 | 2979.3 | 2970.6 | 2961.7 |
| 37.5° | 2594.3 | 2565.8 | 2548.4 | 2535.2 | 2519.9 | 2506.8 | 2508.9 | 2511.2 | 2517.7 | 2513.3 | 2515.5 |
| 40° | 2047.4 | 2040.8 | 2047.4 | 2032.1 | 2027.7 | 2032.1 | 2043.0 | 2058.4 | 2067.1 | 2075.9 | 2091.2 |
| 42.5° | 1557.4 | 1568.3 | 1583.7 | 1583.7 | 1590.2 | 1599.0 | 1612.1 | 1636.2 | 1649.3 | 1664.6 | 1682.1 |
| 45° | 1172.4 | 1185.6 | 1205.3 | 1211.8 | 1216.2 | 1227.1 | 1242.5 | 1262.1 | 1270.9 | 1284.0 | 1299.3 |
| 47.5° | 903.4 | 912.2 | 923.0 | 934.0 | 944.9 | 949.3 | 964.6 | 964.6 | 975.6 | 984.4 | 988.7 |
| 50° | 704.4 | 713.1 | 721.8 | 728.4 | 732.8 | 739.4 | 743.7 | 750.3 | 752.4 | 756.8 | 759.0 |
| 52.5° | 551.2 | 562.2 | 562.2 | 566.5 | 573.1 | 579.7 | 577.5 | 579.7 | 581.8 | 581.8 | 588.4 |
| 55° | 430.9 | 430.9 | 437.5 | 437.5 | 441.9 | 439.6 | 441.9 | 441.9 | 441.9 | 441.9 | 444.1 |
| 57.5° | 321.5 | 323.8 | 330.3 | 325.9 | 323.8 | 328.1 | 323.8 | 328.1 | 325.9 | 330.3 | 323.8 |
| 60° | 247.1 | 247.1 | 249.4 | 249.4 | 251.6 | 251.6 | 251.6 | 249.4 | 249.4 | 247.1 | 247.1 |
| 62.5° | 185.9 | 188.1 | 190.3 | 188.1 | 188.1 | 188.1 | 185.9 | 185.9 | 183.8 | 181.5 | 181.5 |
| 65° | 124.7 | 122.5 | 126.9 | 122.5 | 124.7 | 124.7 | 122.5 | 124.7 | 118.1 | 120.3 | 118.1 |
| 67.5° | 89.7 | 87.5 | 85.4 | 87.5 | 85.4 | 83.1 | 83.1 | 85.4 | 87.5 | 80.9 | 80.9 |
| 70° | 59.1 | 61.2 | 59.1 | 61.2 | 63.5 | 63.5 | 61.2 | 59.1 | 61.2 | 56.9 | 59.1 |
| 72.5° | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 39.3 | 39.3 | 39.3 | 35.0 | 35.0 | 32.8 |
| 75° | 17.5 | 24.0 | 19.7 | 17.5 | 24.0 | 24.0 | 21.9 | 21.9 | 19.7 | 19.7 | 19.7 |
| 77.5° | 17.5 | 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: P249011

CATALOG NUMBER: LSR8B70D010 EC8B70850 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 |
| 2.5° | 4530.2 | 4528.0 | 4530.2 | 4532.3 | 4530.2 | 4528.0 | 4530.2 | 4532.3 | 4523.6 | 4521.4 | 4525.7 |
| 5° | 4626.4 | 4626.4 | 4630.7 | 4633.0 | 4630.7 | 4626.4 | 4626.4 | 4617.7 | 4611.1 | 4604.5 | 4602.4 |
| 7.5° | 4709.5 | 4713.9 | 4718.2 | 4720.4 | 4718.2 | 4713.9 | 4709.5 | 4696.4 | 4683.2 | 4672.3 | 4663.6 |
| 10° | 4759.8 | 4766.4 | 4775.1 | 4779.5 | 4775.1 | 4766.4 | 4759.8 | 4744.5 | 4727.0 | 4709.5 | 4696.4 |
| 12.5° | 4781.7 | 4788.3 | 4799.2 | 4797.0 | 4799.2 | 4788.3 | 4781.7 | 4759.8 | 4740.1 | 4716.1 | 4696.4 |
| 15° | 4766.4 | 4775.1 | 4786.0 | 4790.4 | 4786.0 | 4775.1 | 4766.4 | 4744.5 | 4727.0 | 4700.8 | 4681.1 |
| 17.5° | 4718.2 | 4731.4 | 4738.0 | 4744.5 | 4738.0 | 4731.4 | 4718.2 | 4700.8 | 4676.7 | 4654.9 | 4635.1 |
| 20° | 4652.6 | 4661.4 | 4670.2 | 4672.3 | 4670.2 | 4661.4 | 4652.6 | 4633.0 | 4595.8 | 4591.4 | 4576.1 |
| 22.5° | 4558.6 | 4565.2 | 4584.8 | 4578.2 | 4584.8 | 4565.2 | 4558.6 | 4541.0 | 4528.0 | 4503.9 | 4488.6 |
| 25° | 4422.9 | 4429.5 | 4431.7 | 4433.9 | 4431.7 | 4429.5 | 4422.9 | 4407.6 | 4394.6 | 4377.0 | 4368.3 |
| 27.5° | 4188.9 | 4188.9 | 4193.2 | 4195.5 | 4193.2 | 4188.9 | 4188.9 | 4177.9 | 4169.2 | 4160.5 | 4151.7 |
| 30° | 3834.5 | 3834.5 | 3834.5 | 3845.5 | 3834.5 | 3834.5 | 3834.5 | 3832.4 | 3832.4 | 3834.5 | 3834.5 |
| 32.5° | 3425.5 | 3421.1 | 3416.8 | 3421.1 | 3416.8 | 3421.1 | 3425.5 | 3427.7 | 3425.5 | 3432.1 | 3443.0 |
| 35° | 2961.7 | 2959.6 | 2966.1 | 2957.4 | 2966.1 | 2959.6 | 2961.7 | 2961.7 | 2970.6 | 2979.3 | 2981.4 |
| 37.5° | 2517.7 | 2513.3 | 2522.1 | 2513.3 | 2522.1 | 2513.3 | 2517.7 | 2515.5 | 2513.3 | 2517.7 | 2511.2 |
| 40° | 2095.6 | 2099.9 | 2099.9 | 2117.5 | 2099.9 | 2099.9 | 2095.6 | 2091.2 | 2075.9 | 2067.1 | 2058.4 |
| 42.5° | 1690.9 | 1704.0 | 1699.6 | 1712.8 | 1699.6 | 1704.0 | 1690.9 | 1682.1 | 1664.6 | 1649.3 | 1636.2 |
| 45° | 1308.0 | 1316.9 | 1316.9 | 1321.2 | 1316.9 | 1316.9 | 1308.0 | 1299.3 | 1284.0 | 1270.9 | 1262.1 |
| 47.5° | 1004.0 | 1004.0 | 1004.0 | 1006.2 | 1004.0 | 1004.0 | 1004.0 | 988.7 | 984.4 | 975.6 | 964.6 |
| 50° | 763.4 | 765.6 | 767.8 | 770.0 | 767.8 | 765.6 | 763.4 | 759.0 | 756.8 | 752.4 | 750.3 |
| 52.5° | 586.2 | 588.4 | 584.1 | 588.4 | 584.1 | 588.4 | 586.2 | 588.4 | 581.8 | 581.8 | 579.7 |
| 55° | 444.1 | 441.9 | 444.1 | 446.2 | 444.1 | 441.9 | 444.1 | 444.1 | 441.9 | 441.9 | 441.9 |
| 57.5° | 325.9 | 321.5 | 321.5 | 321.5 | 321.5 | 321.5 | 325.9 | 323.8 | 330.3 | 325.9 | 328.1 |
| 60° | 242.8 | 245.0 | 245.0 | 247.1 | 245.0 | 245.0 | 242.8 | 247.1 | 247.1 | 249.4 | 249.4 |
| 62.5° | 179.4 | 185.9 | 181.5 | 185.9 | 181.5 | 185.9 | 179.4 | 181.5 | 181.5 | 183.8 | 185.9 |
| 65° | 116.0 | 116.0 | 116.0 | 118.1 | 116.0 | 116.0 | 116.0 | 118.1 | 120.3 | 118.1 | 124.7 |
| 67.5° | 78.8 | 80.9 | 85.4 | 83.1 | 85.4 | 80.9 | 78.8 | 80.9 | 80.9 | 87.5 | 85.4 |
| 70° | 63.5 | 56.9 | 56.9 | 63.5 | 56.9 | 56.9 | 63.5 | 59.1 | 56.9 | 61.2 | 59.1 |
| 72.5° | 37.2 | 32.8 | 37.2 | 37.2 | 37.2 | 32.8 | 37.2 | 32.8 | 35.0 | 35.0 | 39.3 |
| 75° | 19.7 | 17.5 | 15.3 | 21.9 | 15.3 | 17.5 | 19.7 | 19.7 | 19.7 | 19.7 | 21.9 |
| 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: P249011

CATALOG NUMBER: LSR8B70D010 EC8B70850 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 |
| 2.5° | 4525.7 | 4519.2 | 4521.4 | 4508.3 | 4508.3 | 4503.9 | 4506.1 | 4495.1 | 4490.8 | 4486.4 | 4493.0 |
| 5° | 4591.4 | 4580.5 | 4571.7 | 4552.0 | 4541.0 | 4528.0 | 4521.4 | 4503.9 | 4488.6 | 4475.4 | 4473.2 |
| 7.5° | 4643.9 | 4619.8 | 4604.5 | 4578.2 | 4558.6 | 4543.3 | 4521.4 | 4497.3 | 4477.7 | 4460.1 | 4447.0 |
| 10° | 4665.7 | 4641.7 | 4617.7 | 4584.8 | 4562.9 | 4534.5 | 4512.6 | 4482.0 | 4455.8 | 4431.7 | 4416.3 |
| 12.5° | 4667.9 | 4637.3 | 4615.4 | 4578.2 | 4549.8 | 4519.2 | 4495.1 | 4460.1 | 4429.5 | 4405.5 | 4381.4 |
| 15° | 4648.3 | 4619.8 | 4593.5 | 4554.2 | 4525.7 | 4497.3 | 4468.9 | 4431.7 | 4403.3 | 4374.8 | 4357.4 |
| 17.5° | 4604.5 | 4578.2 | 4547.6 | 4510.4 | 4484.2 | 4457.9 | 4427.3 | 4396.7 | 4363.9 | 4333.2 | 4311.4 |
| 20° | 4547.6 | 4519.2 | 4493.0 | 4455.8 | 4433.9 | 4405.5 | 4377.0 | 4344.2 | 4317.9 | 4287.3 | 4263.3 |
| 22.5° | 4462.4 | 4436.1 | 4412.0 | 4390.1 | 4355.1 | 4333.2 | 4313.6 | 4276.4 | 4250.1 | 4221.7 | 4195.5 |
| 25° | 4339.8 | 4313.6 | 4293.9 | 4267.6 | 4252.3 | 4228.3 | 4208.5 | 4175.8 | 4151.7 | 4125.4 | 4103.6 |
| 27.5° | 4138.6 | 4123.3 | 4112.3 | 4097.0 | 4083.9 | 4072.9 | 4062.1 | 4035.8 | 4018.3 | 3994.3 | 3972.4 |
| 30° | 3836.7 | 3834.5 | 3828.0 | 3821.4 | 3830.1 | 3830.1 | 3830.1 | 3825.8 | 3810.5 | 3792.9 | 3777.6 |
| 32.5° | 3449.5 | 3454.0 | 3462.7 | 3469.3 | 3486.7 | 3506.4 | 3523.9 | 3532.6 | 3532.6 | 3521.8 | 3515.2 |
| 35° | 2988.0 | 2994.6 | 3007.7 | 3025.2 | 3047.1 | 3071.1 | 3110.5 | 3119.3 | 3125.8 | 3125.8 | 3117.0 |
| 37.5° | 2508.9 | 2506.8 | 2519.9 | 2535.2 | 2548.4 | 2565.8 | 2594.3 | 2600.9 | 2611.8 | 2607.4 | 2598.6 |
| 40° | 2043.0 | 2032.1 | 2027.7 | 2032.1 | 2047.4 | 2040.8 | 2047.4 | 2043.0 | 2043.0 | 2027.7 | 2027.7 |
| 42.5° | 1612.1 | 1599.0 | 1590.2 | 1583.7 | 1583.7 | 1568.3 | 1557.4 | 1546.5 | 1540.0 | 1529.0 | 1526.8 |
| 45° | 1242.5 | 1227.1 | 1216.2 | 1211.8 | 1205.3 | 1185.6 | 1172.4 | 1159.3 | 1144.0 | 1139.7 | 1141.8 |
| 47.5° | 964.6 | 949.3 | 944.9 | 934.0 | 923.0 | 912.2 | 903.4 | 888.1 | 885.9 | 877.1 | 885.9 |
| 50° | 743.7 | 739.4 | 732.8 | 728.4 | 721.8 | 713.1 | 704.4 | 695.6 | 691.2 | 691.2 | 693.4 |
| 52.5° | 577.5 | 579.7 | 573.1 | 566.5 | 562.2 | 562.2 | 551.2 | 549.0 | 549.0 | 540.3 | 549.0 |
| 55° | 441.9 | 439.6 | 441.9 | 437.5 | 437.5 | 430.9 | 430.9 | 424.3 | 424.3 | 417.8 | 422.2 |
| 57.5° | 323.8 | 328.1 | 323.8 | 325.9 | 330.3 | 323.8 | 321.5 | 314.9 | 319.4 | 314.9 | 317.2 |
| 60° | 251.6 | 251.6 | 251.6 | 249.4 | 249.4 | 247.1 | 247.1 | 245.0 | 245.0 | 240.6 | 245.0 |
| 62.5° | 185.9 | 188.1 | 188.1 | 188.1 | 190.3 | 188.1 | 185.9 | 188.1 | 185.9 | 185.9 | 188.1 |
| 65° | 122.5 | 124.7 | 124.7 | 122.5 | 126.9 | 122.5 | 124.7 | 126.9 | 129.0 | 126.9 | 129.0 |
| 67.5° | 83.1 | 83.1 | 85.4 | 87.5 | 85.4 | 87.5 | 89.7 | 87.5 | 89.7 | 94.1 | 89.7 |
| 70° | 61.2 | 63.5 | 63.5 | 61.2 | 59.1 | 61.2 | 59.1 | 65.6 | 65.6 | 65.6 | 70.0 |
| 72.5° | 39.3 | 39.3 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 43.8 | 39.3 | 37.2 | 41.6 |
| 75° | 21.9 | 24.0 | 24.0 | 17.5 | 19.7 | 24.0 | 17.5 | 19.7 | 26.3 | 21.9 | 26.3 |
| 77.5° | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 17.5 | 15.3 | 15.3 | 15.3 | 17.5 |
| 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: P249011

CATALOG NUMBER: LSR8B70D010 EC8B70850 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 |
| 2.5° | 4475.4 | 4475.4 | 4473.2 | 4468.9 | 4460.1 | 4460.1 | 4457.9 | 4451.4 | 4447.0 | 4444.8 | 4444.8 |
| 5° | 4453.5 | 4444.8 | 4436.1 | 4412.0 | 4412.0 | 4407.6 | 4394.6 | 4385.7 | 4381.4 | 4370.4 | 4366.1 |
| 7.5° | 4433.9 | 4407.6 | 4392.3 | 4377.0 | 4357.4 | 4348.5 | 4333.2 | 4326.7 | 4311.4 | 4300.5 | 4293.9 |
| 10° | 4385.7 | 4368.3 | 4348.5 | 4324.5 | 4309.2 | 4291.7 | 4274.2 | 4261.1 | 4241.4 | 4230.4 | 4221.7 |
| 12.5° | 4353.0 | 4326.7 | 4309.2 | 4282.9 | 4256.7 | 4241.4 | 4217.4 | 4202.1 | 4182.3 | 4160.5 | 4147.3 |
| 15° | 4322.3 | 4293.9 | 4269.9 | 4241.4 | 4213.0 | 4195.5 | 4167.0 | 4149.6 | 4121.1 | 4099.2 | 4083.9 |
| 17.5° | 4276.4 | 4252.3 | 4226.1 | 4191.1 | 4164.9 | 4143.0 | 4112.3 | 4090.5 | 4064.2 | 4035.8 | 4020.5 |
| 20° | 4228.3 | 4199.8 | 4173.6 | 4138.6 | 4112.3 | 4086.1 | 4055.5 | 4031.4 | 4000.7 | 3974.5 | 3957.1 |
| 22.5° | 4164.9 | 4132.0 | 4110.1 | 4075.1 | 4044.5 | 4016.1 | 3987.7 | 3959.2 | 3930.8 | 3908.9 | 3889.2 |
| 25° | 4072.9 | 4037.9 | 4013.9 | 3985.4 | 3957.1 | 3935.2 | 3900.2 | 3882.7 | 3854.3 | 3834.5 | 3814.8 |
| 27.5° | 3941.7 | 3915.5 | 3893.6 | 3865.1 | 3841.1 | 3823.6 | 3797.3 | 3779.9 | 3755.8 | 3738.3 | 3723.0 |
| 30° | 3749.3 | 3727.4 | 3707.7 | 3679.2 | 3661.8 | 3646.4 | 3622.3 | 3607.0 | 3589.5 | 3569.8 | 3565.5 |
| 32.5° | 3491.1 | 3473.6 | 3454.0 | 3434.2 | 3421.1 | 3412.4 | 3392.6 | 3383.9 | 3366.4 | 3355.5 | 3344.6 |
| 35° | 3101.7 | 3086.4 | 3075.5 | 3066.8 | 3062.4 | 3064.5 | 3060.2 | 3069.0 | 3073.3 | 3071.1 | 3073.3 |
| 37.5° | 2592.1 | 2583.3 | 2587.7 | 2594.3 | 2616.2 | 2644.6 | 2670.8 | 2710.2 | 2736.5 | 2762.7 | 2786.8 |
| 40° | 2023.4 | 2029.9 | 2047.4 | 2086.8 | 2143.7 | 2207.1 | 2266.2 | 2340.6 | 2414.9 | 2467.4 | 2515.5 |
| 42.5° | 1526.8 | 1546.5 | 1590.2 | 1647.1 | 1732.5 | 1826.5 | 1918.4 | 2027.7 | 2117.5 | 2204.9 | 2266.2 |
| 45° | 1148.4 | 1174.6 | 1231.5 | 1310.3 | 1404.3 | 1513.7 | 1629.6 | 1752.1 | 1859.3 | 1949.0 | 2016.8 |
| 47.5° | 894.7 | 918.7 | 975.6 | 1058.7 | 1174.6 | 1288.4 | 1408.7 | 1535.6 | 1647.1 | 1734.6 | 1793.7 |
| 50° | 706.5 | 737.1 | 787.5 | 875.0 | 990.9 | 1111.2 | 1235.9 | 1360.5 | 1465.6 | 1540.0 | 1592.5 |
| 52.5° | 555.6 | 584.1 | 632.1 | 724.1 | 842.2 | 962.5 | 1078.4 | 1200.9 | 1292.7 | 1364.9 | 1400.0 |
| 55° | 430.9 | 457.2 | 507.4 | 584.1 | 695.6 | 813.7 | 929.6 | 1034.7 | 1120.0 | 1172.4 | 1205.3 |
| 57.5° | 328.1 | 347.8 | 382.8 | 459.4 | 560.0 | 669.3 | 767.8 | 872.8 | 938.4 | 975.6 | 997.4 |
| 60° | 249.4 | 264.7 | 301.9 | 361.0 | 452.8 | 546.9 | 630.0 | 708.8 | 761.3 | 791.9 | 813.7 |
| 62.5° | 188.1 | 205.6 | 231.8 | 282.2 | 352.1 | 428.8 | 498.7 | 557.8 | 601.5 | 621.2 | 636.6 |
| 65° | 129.0 | 142.2 | 161.9 | 201.2 | 260.3 | 314.9 | 369.7 | 413.4 | 441.9 | 463.8 | 472.5 |
| 67.5° | 96.2 | 105.0 | 116.0 | 146.6 | 188.1 | 231.8 | 269.0 | 299.6 | 330.3 | 339.1 | 354.4 |
| 70° | 72.2 | 78.8 | 89.7 | 111.6 | 135.6 | 166.2 | 196.9 | 214.4 | 236.3 | 251.6 | 256.0 |
| 72.5° | 45.9 | 48.1 | 59.1 | 72.2 | 91.8 | 111.6 | 131.3 | 146.6 | 159.7 | 168.5 | 172.8 |
| 75° | 26.3 | 39.3 | 39.3 | 52.5 | 65.6 | 74.4 | 87.5 | 98.4 | 105.0 | 111.6 | 111.6 |
| 77.5° | 17.5 | 24.0 | 26.3 | 32.8 | 39.3 | 50.3 | 61.2 | 67.8 | 74.4 | 76.5 | 76.5 |
| 80° | 15.3 | 17.5 | 17.5 | 24.0 | 28.5 | 37.2 | 43.8 | 45.9 | 50.3 | 52.5 | 56.9 |
| 82.5° | 6.6 | 8.7 | 10.9 | 17.5 | 19.7 | 19.7 | 26.3 | 28.5 | 32.8 | 35.0 | 35.0 |
| 85° | 2.2 | 4.4 | 4.4 | 6.6 | 10.9 | 13.1 | 15.3 | 17.5 | 19.7 | 19.7 | 21.9 |
| 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: P249011

CATALOG NUMBER: LSR8B70D010 EC8B70850 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 | 4479.8 |
| 2.5° | 4440.5 | 4442.6 | 4433.9 | 4431.7 | 4427.3 | 4429.5 | 4433.9 |
| 5° | 4359.5 | 4361.7 | 4353.0 | 4344.2 | 4344.2 | 4342.0 | 4344.2 |
| 7.5° | 4282.9 | 4285.2 | 4272.0 | 4267.6 | 4258.9 | 4261.1 | 4261.1 |
| 10° | 4206.4 | 4206.4 | 4186.8 | 4184.5 | 4177.9 | 4175.8 | 4175.8 |
| 12.5° | 4132.0 | 4125.4 | 4110.1 | 4101.4 | 4105.8 | 4092.7 | 4092.7 |
| 15° | 4066.4 | 4055.5 | 4035.8 | 4029.2 | 4018.3 | 4013.9 | 4013.9 |
| 17.5° | 3998.6 | 3989.8 | 3972.4 | 3959.2 | 3946.1 | 3943.9 | 3946.1 |
| 20° | 3932.9 | 3924.2 | 3902.3 | 3893.6 | 3882.7 | 3882.7 | 3878.3 |
| 22.5° | 3867.3 | 3858.6 | 3838.9 | 3832.4 | 3817.1 | 3817.1 | 3819.2 |
| 25° | 3799.5 | 3792.9 | 3771.1 | 3766.7 | 3764.6 | 3755.8 | 3760.2 |
| 27.5° | 3707.7 | 3703.3 | 3685.8 | 3679.2 | 3670.5 | 3668.3 | 3672.7 |
| 30° | 3539.2 | 3532.6 | 3519.6 | 3513.0 | 3497.7 | 3499.9 | 3504.2 |
| 32.5° | 3329.3 | 3320.5 | 3303.0 | 3296.4 | 3283.3 | 3278.9 | 3281.1 |
| 35° | 3066.8 | 3060.2 | 3044.9 | 3044.9 | 3031.8 | 3027.4 | 3031.8 |
| 37.5° | 2799.9 | 2806.4 | 2799.9 | 2806.4 | 2799.9 | 2797.7 | 2799.9 |
| 40° | 2548.4 | 2572.4 | 2576.7 | 2600.9 | 2592.1 | 2605.2 | 2603.0 |
| 42.5° | 2307.7 | 2347.1 | 2362.4 | 2382.1 | 2377.8 | 2386.5 | 2393.1 |
| 45° | 2064.9 | 2097.7 | 2113.1 | 2126.2 | 2128.4 | 2132.8 | 2134.9 |
| 47.5° | 1835.2 | 1861.5 | 1863.7 | 1879.0 | 1876.8 | 1876.8 | 1883.4 |
| 50° | 1620.9 | 1638.4 | 1642.7 | 1653.7 | 1645.0 | 1640.5 | 1642.7 |
| 52.5° | 1421.8 | 1439.3 | 1434.9 | 1439.3 | 1428.4 | 1424.0 | 1426.2 |
| 55° | 1218.4 | 1227.1 | 1227.1 | 1227.1 | 1214.0 | 1214.0 | 1214.0 |
| 57.5° | 1010.6 | 1012.8 | 1008.4 | 1010.6 | 1008.4 | 995.3 | 993.1 |
| 60° | 820.3 | 820.3 | 818.1 | 820.3 | 813.7 | 807.2 | 807.2 |
| 62.5° | 640.9 | 645.3 | 654.0 | 645.3 | 640.9 | 645.3 | 638.7 |
| 65° | 479.1 | 487.8 | 485.6 | 490.0 | 487.8 | 487.8 | 483.4 |
| 67.5° | 361.0 | 363.1 | 365.3 | 367.5 | 367.5 | 367.5 | 367.5 |
| 70° | 264.7 | 271.3 | 269.0 | 269.0 | 269.0 | 269.0 | 282.2 |
| 72.5° | 177.2 | 185.9 | 183.8 | 188.1 | 188.1 | 192.5 | 188.1 |
| 75° | 120.3 | 129.0 | 124.7 | 131.3 | 129.0 | 124.7 | 135.6 |
| 77.5° | 80.9 | 85.4 | 87.5 | 89.7 | 87.5 | 85.4 | 87.5 |
| 80° | 56.9 | 61.2 | 59.1 | 61.2 | 61.2 | 61.2 | 63.5 |
| 82.5° | 35.0 | 41.6 | 39.3 | 41.6 | 39.3 | 41.6 | 41.6 |
| 85° | 24.0 | 26.3 | 21.9 | 26.3 | 24.0 | 24.0 | 28.5 |
| 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)