

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: P248687

Luminaire Tested: **LSR8B70D010 EC8B70850 8LBSW0WMH**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P248687
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 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: 7560.0 lumens
Efficiency: N/A
Efficacy: 99.6 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

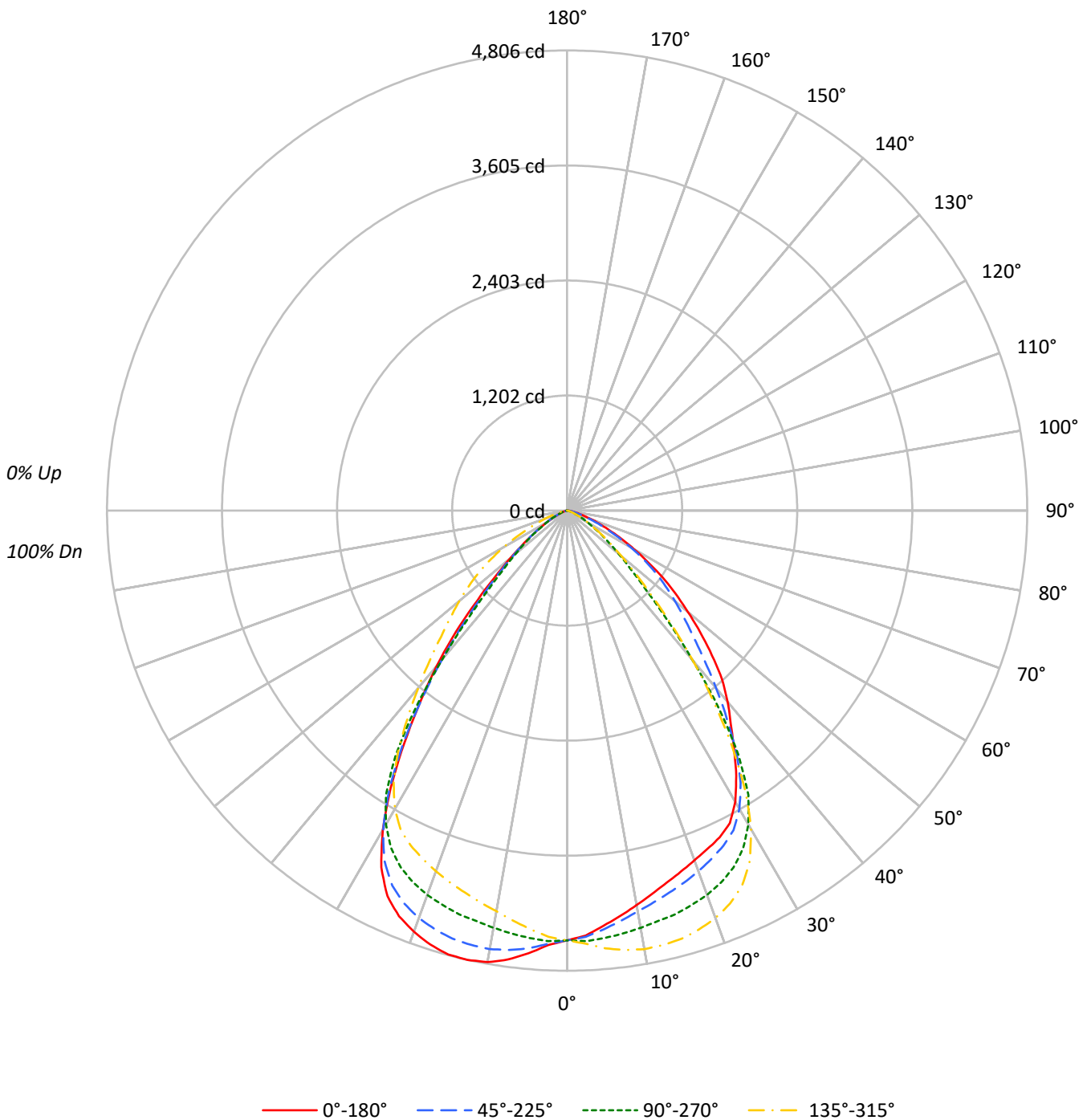
Input Watts (W): 75.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P248687

CATALOG NUMBER: LSR8B70D010 EC8B70850 8LBSW0WMH

Luminous Intensity Polar Plot





TEST NUMBER: P248687

CATALOG NUMBER: LSR8B70D010 EC8B70850 8LBSW0WMH

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° | 138396 | 138396 | 138396 | 138396 |
| 5° | 134722 | 138721 | 143677 | 138721 |
| 10° | 130994 | 138540 | 149931 | 138540 |
| 15° | 128376 | 139365 | 153213 | 139365 |
| 20° | 127504 | 140161 | 153609 | 140161 |
| 25° | 128172 | 139880 | 151138 | 139880 |
| 30° | 125004 | 134757 | 137182 | 134757 |
| 35° | 114340 | 117555 | 111536 | 117555 |
| 40° | 104978 | 81776 | 85395 | 81776 |
| 45° | 93276 | 49889 | 57721 | 49889 |
| 50° | 78954 | 33327 | 37006 | 33327 |
| 55° | 65390 | 22741 | 24031 | 22741 |
| 60° | 49875 | 15134 | 15270 | 15134 |
| 65° | 35337 | 9434 | 8632 | 9434 |
| 70° | 25488 | 6320 | 5734 | 6320 |
| 75° | 16180 | 3133 | 2609 | 3133 |
| 80° | 11294 | 2344 | 1936 | 2344 |
| 85° | 10084 | 0 | 778 | 0 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 427.2 | 5.7 |
| 10°-20° | 1237.0 | 16.4 |
| 20°-30° | 1873.2 | 24.8 |
| 30°-40° | 1877.4 | 24.8 |
| 40°-50° | 1178.9 | 15.6 |
| 50°-60° | 628.2 | 8.3 |
| 60°-70° | 258.3 | 3.4 |
| 70°-80° | 68.3 | 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° | 3537.4 | 46.8 |
| 0°-40° | 5414.8 | 71.6 |
| 0°-60° | 7221.9 | 95.5 |
| 0°-90° | 7560.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 7560.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 4488 | 4488 | 4488 | 4488 | 4488 | |
| 5° | 4352 | 4482 | 4642 | 4482 | 4352 | 410 |
| 15° | 4021 | 4366 | 4799 | 4366 | 4021 | 1137 |
| 25° | 3767 | 4111 | 4442 | 4111 | 3767 | 1728 |
| 35° | 3037 | 3123 | 2963 | 3123 | 3037 | 1903 |
| 45° | 2139 | 1144 | 1324 | 1144 | 2139 | 1645 |
| 55° | 1216 | 423 | 447 | 423 | 1216 | 1084 |
| 65° | 484 | 129 | 118 | 129 | 484 | 502 |
| 75° | 136 | 26 | 22 | 26 | 136 | 154 |
| 85° | 28 | 0 | 2 | 0 | 28 | 31 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P248687

CATALOG NUMBER: LSR8B70D010 EC8B70850 8LBSW0WMH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 |
| 2.5° | 4442.1 | 4437.7 | 4435.5 | 4440.0 | 4442.1 | 4450.9 | 4448.7 | 4453.0 | 4453.0 | 4455.3 | 4459.6 |
| 5° | 4352.3 | 4350.0 | 4352.3 | 4352.3 | 4361.0 | 4369.8 | 4367.6 | 4374.2 | 4378.5 | 4389.5 | 4393.9 |
| 7.5° | 4269.0 | 4269.0 | 4266.8 | 4275.5 | 4279.9 | 4293.1 | 4290.9 | 4301.9 | 4308.4 | 4319.4 | 4334.7 |
| 10° | 4183.5 | 4183.5 | 4185.7 | 4192.3 | 4194.5 | 4214.2 | 4214.2 | 4229.5 | 4238.3 | 4249.3 | 4269.0 |
| 12.5° | 4100.3 | 4100.3 | 4113.4 | 4109.0 | 4117.8 | 4133.1 | 4139.7 | 4155.0 | 4168.2 | 4190.1 | 4209.9 |
| 15° | 4021.3 | 4021.3 | 4025.8 | 4036.7 | 4043.3 | 4063.0 | 4073.9 | 4091.5 | 4106.8 | 4128.8 | 4157.3 |
| 17.5° | 3953.4 | 3951.2 | 3953.4 | 3966.6 | 3979.7 | 3997.2 | 4006.0 | 4027.9 | 4043.3 | 4071.8 | 4098.1 |
| 20° | 3885.5 | 3889.9 | 3889.9 | 3900.8 | 3909.6 | 3931.5 | 3940.2 | 3964.4 | 3981.9 | 4008.2 | 4038.9 |
| 22.5° | 3826.3 | 3824.1 | 3824.1 | 3839.5 | 3846.1 | 3865.7 | 3874.5 | 3896.4 | 3916.2 | 3938.1 | 3966.6 |
| 25° | 3767.1 | 3762.7 | 3771.6 | 3773.7 | 3778.1 | 3800.0 | 3806.6 | 3821.9 | 3841.6 | 3861.4 | 3889.9 |
| 27.5° | 3679.5 | 3675.1 | 3677.3 | 3686.0 | 3692.6 | 3710.1 | 3714.6 | 3729.9 | 3745.2 | 3762.7 | 3786.9 |
| 30° | 3510.7 | 3506.4 | 3504.2 | 3519.5 | 3526.1 | 3539.2 | 3545.8 | 3572.1 | 3576.5 | 3596.2 | 3613.7 |
| 32.5° | 3287.2 | 3285.0 | 3289.4 | 3302.5 | 3309.1 | 3326.7 | 3335.4 | 3350.8 | 3361.7 | 3372.7 | 3390.2 |
| 35° | 3037.4 | 3033.0 | 3037.4 | 3050.6 | 3050.6 | 3065.9 | 3072.5 | 3079.0 | 3076.8 | 3079.0 | 3074.7 |
| 37.5° | 2805.1 | 2802.9 | 2805.1 | 2811.6 | 2805.1 | 2811.6 | 2805.1 | 2792.0 | 2767.9 | 2741.5 | 2715.2 |
| 40° | 2607.9 | 2610.0 | 2596.9 | 2605.7 | 2581.5 | 2577.2 | 2553.1 | 2520.2 | 2472.0 | 2419.4 | 2344.9 |
| 42.5° | 2397.5 | 2390.9 | 2382.2 | 2386.5 | 2366.8 | 2351.4 | 2312.0 | 2270.4 | 2209.0 | 2121.4 | 2031.5 |
| 45° | 2138.9 | 2136.7 | 2132.3 | 2130.1 | 2117.0 | 2101.6 | 2068.7 | 2020.5 | 1952.6 | 1862.8 | 1755.3 |
| 47.5° | 1886.9 | 1880.3 | 1880.3 | 1882.4 | 1867.1 | 1864.9 | 1838.6 | 1797.0 | 1737.8 | 1650.2 | 1538.4 |
| 50° | 1645.8 | 1643.6 | 1648.0 | 1656.8 | 1645.8 | 1641.4 | 1623.9 | 1595.4 | 1542.8 | 1468.3 | 1363.1 |
| 52.5° | 1428.8 | 1426.6 | 1431.1 | 1442.0 | 1437.6 | 1442.0 | 1424.5 | 1402.6 | 1367.5 | 1295.1 | 1203.1 |
| 55° | 1216.3 | 1216.3 | 1216.3 | 1229.4 | 1229.4 | 1229.4 | 1220.6 | 1207.5 | 1174.6 | 1122.0 | 1036.6 |
| 57.5° | 994.9 | 997.1 | 1010.3 | 1012.4 | 1010.3 | 1014.7 | 1012.4 | 999.3 | 977.4 | 940.2 | 874.4 |
| 60° | 808.7 | 808.7 | 815.3 | 821.8 | 819.6 | 821.8 | 821.8 | 815.3 | 793.3 | 762.7 | 710.1 |
| 62.5° | 639.9 | 646.5 | 642.1 | 646.5 | 655.2 | 646.5 | 642.1 | 637.7 | 622.4 | 602.6 | 558.8 |
| 65° | 484.3 | 488.7 | 488.7 | 490.9 | 486.5 | 488.7 | 480.0 | 473.4 | 464.6 | 442.7 | 414.2 |
| 67.5° | 368.2 | 368.2 | 368.2 | 368.2 | 366.0 | 363.8 | 361.6 | 355.0 | 339.7 | 331.0 | 300.2 |
| 70° | 282.7 | 269.5 | 269.5 | 269.5 | 269.5 | 271.8 | 265.2 | 256.4 | 252.0 | 236.7 | 214.8 |
| 72.5° | 188.4 | 192.9 | 188.4 | 188.4 | 184.1 | 186.3 | 177.5 | 173.1 | 168.8 | 160.0 | 146.9 |
| 75° | 135.8 | 124.9 | 129.3 | 131.5 | 124.9 | 129.3 | 120.5 | 111.8 | 111.8 | 105.2 | 98.6 |
| 77.5° | 87.7 | 85.5 | 87.7 | 89.8 | 87.7 | 85.5 | 81.1 | 76.7 | 76.7 | 74.5 | 67.9 |
| 80° | 63.6 | 61.3 | 61.3 | 61.3 | 59.2 | 61.3 | 57.0 | 57.0 | 52.6 | 50.4 | 46.0 |
| 82.5° | 41.7 | 41.7 | 39.4 | 41.7 | 39.4 | 41.7 | 35.1 | 35.1 | 35.1 | 32.8 | 28.5 |
| 85° | 28.5 | 24.1 | 24.1 | 26.3 | 21.9 | 26.3 | 24.1 | 21.9 | 19.8 | 19.8 | 17.5 |
| 87.5° | 13.2 | 15.3 | 13.2 | 15.3 | 13.2 | 13.2 | 15.3 | 13.2 | 13.2 | 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: P248687

CATALOG NUMBER: LSR8B70D010 EC8B70850 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 |
| 2.5° | 4466.2 | 4468.4 | 4468.4 | 4477.2 | 4481.5 | 4483.7 | 4483.7 | 4501.3 | 4494.7 | 4499.1 | 4503.5 |
| 5° | 4402.7 | 4415.8 | 4420.2 | 4420.2 | 4444.3 | 4453.0 | 4461.8 | 4481.5 | 4483.7 | 4496.9 | 4512.2 |
| 7.5° | 4341.3 | 4356.6 | 4365.5 | 4385.1 | 4400.5 | 4415.8 | 4442.1 | 4455.3 | 4468.4 | 4486.0 | 4505.6 |
| 10° | 4282.1 | 4299.7 | 4317.2 | 4332.5 | 4356.6 | 4376.4 | 4393.9 | 4424.5 | 4440.0 | 4464.0 | 4490.3 |
| 12.5° | 4225.2 | 4249.3 | 4264.6 | 4290.9 | 4317.2 | 4334.7 | 4361.0 | 4389.5 | 4413.6 | 4437.7 | 4468.4 |
| 15° | 4174.8 | 4203.3 | 4220.8 | 4249.3 | 4277.8 | 4301.9 | 4330.4 | 4365.5 | 4383.0 | 4411.5 | 4440.0 |
| 17.5° | 4119.9 | 4150.7 | 4172.6 | 4198.9 | 4233.9 | 4260.2 | 4284.4 | 4319.4 | 4341.3 | 4372.0 | 4404.9 |
| 20° | 4063.0 | 4093.7 | 4119.9 | 4146.3 | 4181.4 | 4207.6 | 4236.1 | 4271.2 | 4295.3 | 4325.9 | 4352.3 |
| 22.5° | 3995.1 | 4023.6 | 4052.0 | 4082.7 | 4117.8 | 4139.7 | 4172.6 | 4203.3 | 4229.5 | 4258.0 | 4284.4 |
| 25° | 3907.4 | 3942.5 | 3964.4 | 3992.8 | 4021.3 | 4045.4 | 4080.5 | 4111.2 | 4133.1 | 4159.4 | 4183.5 |
| 27.5° | 3804.4 | 3830.7 | 3848.2 | 3872.3 | 3900.8 | 3922.7 | 3949.0 | 3979.7 | 4001.7 | 4025.8 | 4043.3 |
| 30° | 3629.0 | 3653.2 | 3668.5 | 3686.0 | 3714.6 | 3734.3 | 3756.2 | 3784.6 | 3800.0 | 3817.6 | 3832.9 |
| 32.5° | 3398.9 | 3418.7 | 3427.4 | 3440.6 | 3460.4 | 3480.0 | 3497.6 | 3521.7 | 3528.3 | 3539.2 | 3539.2 |
| 35° | 3065.9 | 3070.2 | 3068.1 | 3072.5 | 3081.2 | 3092.2 | 3107.5 | 3122.8 | 3131.6 | 3131.6 | 3125.1 |
| 37.5° | 2675.8 | 2649.5 | 2621.0 | 2599.1 | 2592.5 | 2588.1 | 2596.9 | 2603.4 | 2612.3 | 2616.6 | 2605.7 |
| 40° | 2270.4 | 2211.2 | 2147.6 | 2090.6 | 2051.2 | 2033.7 | 2027.1 | 2031.5 | 2031.5 | 2046.8 | 2046.8 |
| 42.5° | 1922.0 | 1829.9 | 1735.7 | 1650.2 | 1593.2 | 1549.4 | 1529.7 | 1529.7 | 1531.8 | 1542.8 | 1549.4 |
| 45° | 1632.7 | 1516.5 | 1406.9 | 1312.7 | 1233.8 | 1176.8 | 1150.5 | 1144.0 | 1141.8 | 1146.1 | 1161.5 |
| 47.5° | 1411.3 | 1290.8 | 1176.8 | 1060.7 | 977.4 | 920.4 | 896.3 | 887.5 | 878.8 | 887.5 | 889.8 |
| 50° | 1238.2 | 1113.3 | 992.8 | 876.6 | 788.9 | 738.5 | 707.8 | 694.7 | 692.5 | 692.5 | 696.9 |
| 52.5° | 1080.4 | 964.3 | 843.8 | 725.4 | 633.3 | 585.1 | 556.6 | 550.1 | 541.3 | 550.1 | 550.1 |
| 55° | 931.3 | 815.3 | 696.9 | 585.1 | 508.4 | 458.1 | 431.7 | 423.0 | 418.5 | 425.1 | 425.1 |
| 57.5° | 769.2 | 670.6 | 561.1 | 460.2 | 383.5 | 348.5 | 328.7 | 317.8 | 315.5 | 319.9 | 315.5 |
| 60° | 631.1 | 547.9 | 453.6 | 361.6 | 302.5 | 265.2 | 249.9 | 245.4 | 241.0 | 245.4 | 245.4 |
| 62.5° | 499.6 | 429.5 | 352.8 | 282.7 | 232.3 | 206.0 | 188.4 | 188.4 | 186.3 | 186.3 | 188.4 |
| 65° | 370.4 | 315.5 | 260.8 | 201.6 | 162.2 | 142.4 | 129.3 | 129.3 | 127.1 | 129.3 | 127.1 |
| 67.5° | 269.5 | 232.3 | 188.4 | 146.9 | 116.2 | 105.2 | 96.4 | 89.8 | 94.3 | 89.8 | 87.7 |
| 70° | 197.3 | 166.5 | 135.8 | 111.8 | 89.8 | 78.9 | 72.3 | 70.1 | 65.8 | 65.8 | 65.8 |
| 72.5° | 131.5 | 111.8 | 92.0 | 72.3 | 59.2 | 48.2 | 46.0 | 41.7 | 37.3 | 39.4 | 43.8 |
| 75° | 87.7 | 74.5 | 65.8 | 52.6 | 39.4 | 39.4 | 26.3 | 26.3 | 21.9 | 26.3 | 19.8 |
| 77.5° | 61.3 | 50.4 | 39.4 | 32.8 | 26.3 | 24.1 | 17.5 | 17.5 | 15.3 | 15.3 | 15.3 |
| 80° | 43.8 | 37.3 | 28.5 | 24.1 | 17.5 | 17.5 | 15.3 | 13.2 | 10.9 | 10.9 | 13.2 |
| 82.5° | 26.3 | 19.8 | 19.8 | 17.5 | 10.9 | 8.7 | 6.6 | 8.7 | 4.4 | 4.4 | 4.4 |
| 85° | 15.3 | 13.2 | 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: P248687

CATALOG NUMBER: LSR8B70D010 EC8B70850 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 |
| 2.5° | 4514.5 | 4512.2 | 4516.6 | 4516.6 | 4529.8 | 4527.6 | 4534.1 | 4534.1 | 4529.8 | 4532.0 | 4540.7 |
| 5° | 4529.8 | 4536.4 | 4549.5 | 4560.5 | 4580.1 | 4589.0 | 4599.9 | 4610.9 | 4613.1 | 4619.6 | 4626.2 |
| 7.5° | 4529.8 | 4551.7 | 4567.1 | 4586.7 | 4613.1 | 4628.4 | 4652.5 | 4672.2 | 4681.0 | 4691.9 | 4705.1 |
| 10° | 4521.0 | 4542.9 | 4571.4 | 4593.3 | 4626.2 | 4650.3 | 4674.4 | 4705.1 | 4718.2 | 4735.7 | 4753.3 |
| 12.5° | 4503.5 | 4527.6 | 4558.2 | 4586.7 | 4624.0 | 4645.9 | 4676.6 | 4705.1 | 4724.8 | 4748.9 | 4768.7 |
| 15° | 4477.2 | 4505.6 | 4534.1 | 4562.6 | 4602.1 | 4628.4 | 4656.9 | 4689.7 | 4709.5 | 4735.7 | 4753.3 |
| 17.5° | 4435.5 | 4466.2 | 4492.6 | 4518.8 | 4556.1 | 4586.7 | 4613.1 | 4643.7 | 4663.5 | 4685.4 | 4709.5 |
| 20° | 4385.1 | 4413.6 | 4442.1 | 4464.0 | 4501.3 | 4527.6 | 4556.1 | 4584.6 | 4599.9 | 4604.3 | 4641.6 |
| 22.5° | 4321.6 | 4341.3 | 4363.2 | 4398.3 | 4420.2 | 4444.3 | 4470.6 | 4496.9 | 4512.2 | 4536.4 | 4549.5 |
| 25° | 4216.4 | 4236.1 | 4260.2 | 4275.5 | 4301.9 | 4321.6 | 4347.9 | 4376.4 | 4385.1 | 4402.7 | 4415.8 |
| 27.5° | 4069.6 | 4080.5 | 4091.5 | 4104.6 | 4119.9 | 4130.9 | 4146.3 | 4159.4 | 4168.2 | 4176.9 | 4185.7 |
| 30° | 3837.2 | 3837.2 | 3837.2 | 3828.5 | 3835.1 | 3841.6 | 3843.8 | 3841.6 | 3841.6 | 3839.5 | 3839.5 |
| 32.5° | 3530.4 | 3512.9 | 3493.2 | 3475.7 | 3469.1 | 3460.4 | 3455.9 | 3449.4 | 3438.4 | 3431.9 | 3434.0 |
| 35° | 3116.2 | 3076.8 | 3052.7 | 3030.8 | 3013.3 | 3000.1 | 2993.6 | 2987.0 | 2984.8 | 2976.1 | 2967.2 |
| 37.5° | 2599.1 | 2570.6 | 2553.1 | 2539.9 | 2524.6 | 2511.4 | 2513.6 | 2515.8 | 2522.3 | 2518.0 | 2520.2 |
| 40° | 2051.2 | 2044.6 | 2051.2 | 2035.9 | 2031.5 | 2035.9 | 2046.8 | 2062.2 | 2071.0 | 2079.7 | 2095.1 |
| 42.5° | 1560.3 | 1571.2 | 1586.7 | 1586.7 | 1593.2 | 1602.0 | 1615.1 | 1639.3 | 1652.3 | 1667.7 | 1685.3 |
| 45° | 1174.6 | 1187.8 | 1207.5 | 1214.0 | 1218.5 | 1229.4 | 1244.8 | 1264.5 | 1273.2 | 1286.4 | 1301.7 |
| 47.5° | 905.1 | 913.8 | 924.8 | 935.8 | 946.7 | 951.1 | 966.4 | 966.4 | 977.4 | 986.2 | 990.5 |
| 50° | 705.7 | 714.4 | 723.2 | 729.7 | 734.2 | 740.7 | 745.1 | 751.7 | 753.8 | 758.2 | 760.4 |
| 52.5° | 552.2 | 563.2 | 563.2 | 567.6 | 574.1 | 580.7 | 578.6 | 580.7 | 582.9 | 582.9 | 589.5 |
| 55° | 431.7 | 431.7 | 438.3 | 438.3 | 442.7 | 440.5 | 442.7 | 442.7 | 442.7 | 442.7 | 444.9 |
| 57.5° | 322.1 | 324.4 | 331.0 | 326.5 | 324.4 | 328.7 | 324.4 | 328.7 | 326.5 | 331.0 | 324.4 |
| 60° | 247.6 | 247.6 | 249.9 | 249.9 | 252.0 | 252.0 | 252.0 | 249.9 | 249.9 | 247.6 | 247.6 |
| 62.5° | 186.3 | 188.4 | 190.7 | 188.4 | 188.4 | 188.4 | 186.3 | 186.3 | 184.1 | 181.8 | 181.8 |
| 65° | 124.9 | 122.8 | 127.1 | 122.8 | 124.9 | 124.9 | 122.8 | 124.9 | 118.3 | 120.5 | 118.3 |
| 67.5° | 89.8 | 87.7 | 85.5 | 87.7 | 85.5 | 83.3 | 83.3 | 85.5 | 87.7 | 81.1 | 81.1 |
| 70° | 59.2 | 61.3 | 59.2 | 61.3 | 63.6 | 63.6 | 61.3 | 59.2 | 61.3 | 57.0 | 59.2 |
| 72.5° | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 39.4 | 39.4 | 39.4 | 35.1 | 35.1 | 32.8 |
| 75° | 17.5 | 24.1 | 19.8 | 17.5 | 24.1 | 24.1 | 21.9 | 21.9 | 19.8 | 19.8 | 19.8 |
| 77.5° | 17.5 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 10.9 | 13.2 | 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: P248687

CATALOG NUMBER: LSR8B70D010 EC8B70850 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 |
| 2.5° | 4538.6 | 4536.4 | 4538.6 | 4540.7 | 4538.6 | 4536.4 | 4538.6 | 4540.7 | 4532.0 | 4529.8 | 4534.1 |
| 5° | 4635.0 | 4635.0 | 4639.3 | 4641.6 | 4639.3 | 4635.0 | 4635.0 | 4626.2 | 4619.6 | 4613.1 | 4610.9 |
| 7.5° | 4718.2 | 4722.7 | 4727.0 | 4729.2 | 4727.0 | 4722.7 | 4718.2 | 4705.1 | 4691.9 | 4681.0 | 4672.2 |
| 10° | 4768.7 | 4775.2 | 4784.0 | 4788.3 | 4784.0 | 4775.2 | 4768.7 | 4753.3 | 4735.7 | 4718.2 | 4705.1 |
| 12.5° | 4790.6 | 4797.2 | 4808.1 | 4805.9 | 4808.1 | 4797.2 | 4790.6 | 4768.7 | 4748.9 | 4724.8 | 4705.1 |
| 15° | 4775.2 | 4784.0 | 4794.9 | 4799.3 | 4794.9 | 4784.0 | 4775.2 | 4753.3 | 4735.7 | 4709.5 | 4689.7 |
| 17.5° | 4727.0 | 4740.2 | 4746.7 | 4753.3 | 4746.7 | 4740.2 | 4727.0 | 4709.5 | 4685.4 | 4663.5 | 4643.7 |
| 20° | 4661.2 | 4670.1 | 4678.8 | 4681.0 | 4678.8 | 4670.1 | 4661.2 | 4641.6 | 4604.3 | 4599.9 | 4584.6 |
| 22.5° | 4567.1 | 4573.6 | 4593.3 | 4586.7 | 4593.3 | 4573.6 | 4567.1 | 4549.5 | 4536.4 | 4512.2 | 4496.9 |
| 25° | 4431.1 | 4437.7 | 4440.0 | 4442.1 | 4440.0 | 4437.7 | 4431.1 | 4415.8 | 4402.7 | 4385.1 | 4376.4 |
| 27.5° | 4196.7 | 4196.7 | 4201.0 | 4203.3 | 4201.0 | 4196.7 | 4196.7 | 4185.7 | 4176.9 | 4168.2 | 4159.4 |
| 30° | 3841.6 | 3841.6 | 3841.6 | 3852.7 | 3841.6 | 3841.6 | 3841.6 | 3839.5 | 3839.5 | 3841.6 | 3841.6 |
| 32.5° | 3431.9 | 3427.4 | 3423.1 | 3427.4 | 3423.1 | 3427.4 | 3431.9 | 3434.0 | 3431.9 | 3438.4 | 3449.4 |
| 35° | 2967.2 | 2965.1 | 2971.6 | 2962.9 | 2971.6 | 2965.1 | 2967.2 | 2967.2 | 2976.1 | 2984.8 | 2987.0 |
| 37.5° | 2522.3 | 2518.0 | 2526.8 | 2518.0 | 2526.8 | 2518.0 | 2522.3 | 2520.2 | 2518.0 | 2522.3 | 2515.8 |
| 40° | 2099.5 | 2103.8 | 2103.8 | 2121.4 | 2103.8 | 2103.8 | 2099.5 | 2095.1 | 2079.7 | 2071.0 | 2062.2 |
| 42.5° | 1694.0 | 1707.2 | 1702.8 | 1715.9 | 1702.8 | 1707.2 | 1694.0 | 1685.3 | 1667.7 | 1652.3 | 1639.3 |
| 45° | 1310.5 | 1319.3 | 1319.3 | 1323.6 | 1319.3 | 1319.3 | 1310.5 | 1301.7 | 1286.4 | 1273.2 | 1264.5 |
| 47.5° | 1005.9 | 1005.9 | 1005.9 | 1008.1 | 1005.9 | 1005.9 | 1005.9 | 990.5 | 986.2 | 977.4 | 966.4 |
| 50° | 764.8 | 767.0 | 769.2 | 771.4 | 769.2 | 767.0 | 764.8 | 760.4 | 758.2 | 753.8 | 751.7 |
| 52.5° | 587.3 | 589.5 | 585.1 | 589.5 | 585.1 | 589.5 | 587.3 | 589.5 | 582.9 | 582.9 | 580.7 |
| 55° | 444.9 | 442.7 | 444.9 | 447.0 | 444.9 | 442.7 | 444.9 | 444.9 | 442.7 | 442.7 | 442.7 |
| 57.5° | 326.5 | 322.1 | 322.1 | 322.1 | 322.1 | 322.1 | 326.5 | 324.4 | 331.0 | 326.5 | 328.7 |
| 60° | 243.3 | 245.4 | 245.4 | 247.6 | 245.4 | 245.4 | 243.3 | 247.6 | 247.6 | 249.9 | 249.9 |
| 62.5° | 179.7 | 186.3 | 181.8 | 186.3 | 181.8 | 186.3 | 179.7 | 181.8 | 181.8 | 184.1 | 186.3 |
| 65° | 116.2 | 116.2 | 116.2 | 118.3 | 116.2 | 116.2 | 116.2 | 118.3 | 120.5 | 118.3 | 124.9 |
| 67.5° | 78.9 | 81.1 | 85.5 | 83.3 | 85.5 | 81.1 | 78.9 | 81.1 | 81.1 | 87.7 | 85.5 |
| 70° | 63.6 | 57.0 | 57.0 | 63.6 | 57.0 | 57.0 | 63.6 | 59.2 | 57.0 | 61.3 | 59.2 |
| 72.5° | 37.3 | 32.8 | 37.3 | 37.3 | 37.3 | 32.8 | 37.3 | 32.8 | 35.1 | 35.1 | 39.4 |
| 75° | 19.8 | 17.5 | 15.3 | 21.9 | 15.3 | 17.5 | 19.8 | 19.8 | 19.8 | 19.8 | 21.9 |
| 77.5° | 13.2 | 10.9 | 15.3 | 15.3 | 15.3 | 10.9 | 13.2 | 10.9 | 13.2 | 10.9 | 13.2 |
| 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: P248687

CATALOG NUMBER: LSR8B70D010 EC8B70850 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 |
| 2.5° | 4534.1 | 4527.6 | 4529.8 | 4516.6 | 4516.6 | 4512.2 | 4514.5 | 4503.5 | 4499.1 | 4494.7 | 4501.3 |
| 5° | 4599.9 | 4589.0 | 4580.1 | 4560.5 | 4549.5 | 4536.4 | 4529.8 | 4512.2 | 4496.9 | 4483.7 | 4481.5 |
| 7.5° | 4652.5 | 4628.4 | 4613.1 | 4586.7 | 4567.1 | 4551.7 | 4529.8 | 4505.6 | 4486.0 | 4468.4 | 4455.3 |
| 10° | 4674.4 | 4650.3 | 4626.2 | 4593.3 | 4571.4 | 4542.9 | 4521.0 | 4490.3 | 4464.0 | 4440.0 | 4424.5 |
| 12.5° | 4676.6 | 4645.9 | 4624.0 | 4586.7 | 4558.2 | 4527.6 | 4503.5 | 4468.4 | 4437.7 | 4413.6 | 4389.5 |
| 15° | 4656.9 | 4628.4 | 4602.1 | 4562.6 | 4534.1 | 4505.6 | 4477.2 | 4440.0 | 4411.5 | 4383.0 | 4365.5 |
| 17.5° | 4613.1 | 4586.7 | 4556.1 | 4518.8 | 4492.6 | 4466.2 | 4435.5 | 4404.9 | 4372.0 | 4341.3 | 4319.4 |
| 20° | 4556.1 | 4527.6 | 4501.3 | 4464.0 | 4442.1 | 4413.6 | 4385.1 | 4352.3 | 4325.9 | 4295.3 | 4271.2 |
| 22.5° | 4470.6 | 4444.3 | 4420.2 | 4398.3 | 4363.2 | 4341.3 | 4321.6 | 4284.4 | 4258.0 | 4229.5 | 4203.3 |
| 25° | 4347.9 | 4321.6 | 4301.9 | 4275.5 | 4260.2 | 4236.1 | 4216.4 | 4183.5 | 4159.4 | 4133.1 | 4111.2 |
| 27.5° | 4146.3 | 4130.9 | 4119.9 | 4104.6 | 4091.5 | 4080.5 | 4069.6 | 4043.3 | 4025.8 | 4001.7 | 3979.7 |
| 30° | 3843.8 | 3841.6 | 3835.1 | 3828.5 | 3837.2 | 3837.2 | 3837.2 | 3832.9 | 3817.6 | 3800.0 | 3784.6 |
| 32.5° | 3455.9 | 3460.4 | 3469.1 | 3475.7 | 3493.2 | 3512.9 | 3530.4 | 3539.2 | 3539.2 | 3528.3 | 3521.7 |
| 35° | 2993.6 | 3000.1 | 3013.3 | 3030.8 | 3052.7 | 3076.8 | 3116.2 | 3125.1 | 3131.6 | 3131.6 | 3122.8 |
| 37.5° | 2513.6 | 2511.4 | 2524.6 | 2539.9 | 2553.1 | 2570.6 | 2599.1 | 2605.7 | 2616.6 | 2612.3 | 2603.4 |
| 40° | 2046.8 | 2035.9 | 2031.5 | 2035.9 | 2051.2 | 2044.6 | 2051.2 | 2046.8 | 2046.8 | 2031.5 | 2031.5 |
| 42.5° | 1615.1 | 1602.0 | 1593.2 | 1586.7 | 1586.7 | 1571.2 | 1560.3 | 1549.4 | 1542.8 | 1531.8 | 1529.7 |
| 45° | 1244.8 | 1229.4 | 1218.5 | 1214.0 | 1207.5 | 1187.8 | 1174.6 | 1161.5 | 1146.1 | 1141.8 | 1144.0 |
| 47.5° | 966.4 | 951.1 | 946.7 | 935.8 | 924.8 | 913.8 | 905.1 | 889.8 | 887.5 | 878.8 | 887.5 |
| 50° | 745.1 | 740.7 | 734.2 | 729.7 | 723.2 | 714.4 | 705.7 | 696.9 | 692.5 | 692.5 | 694.7 |
| 52.5° | 578.6 | 580.7 | 574.1 | 567.6 | 563.2 | 563.2 | 552.2 | 550.1 | 550.1 | 541.3 | 550.1 |
| 55° | 442.7 | 440.5 | 442.7 | 438.3 | 438.3 | 431.7 | 431.7 | 425.1 | 425.1 | 418.5 | 423.0 |
| 57.5° | 324.4 | 328.7 | 324.4 | 326.5 | 331.0 | 324.4 | 322.1 | 315.5 | 319.9 | 315.5 | 317.8 |
| 60° | 252.0 | 252.0 | 252.0 | 249.9 | 249.9 | 247.6 | 247.6 | 245.4 | 245.4 | 241.0 | 245.4 |
| 62.5° | 186.3 | 188.4 | 188.4 | 188.4 | 190.7 | 188.4 | 186.3 | 188.4 | 186.3 | 186.3 | 188.4 |
| 65° | 122.8 | 124.9 | 124.9 | 122.8 | 127.1 | 122.8 | 124.9 | 127.1 | 129.3 | 127.1 | 129.3 |
| 67.5° | 83.3 | 83.3 | 85.5 | 87.7 | 85.5 | 87.7 | 89.8 | 87.7 | 89.8 | 94.3 | 89.8 |
| 70° | 61.3 | 63.6 | 63.6 | 61.3 | 59.2 | 61.3 | 59.2 | 65.8 | 65.8 | 65.8 | 70.1 |
| 72.5° | 39.4 | 39.4 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 43.8 | 39.4 | 37.3 | 41.7 |
| 75° | 21.9 | 24.1 | 24.1 | 17.5 | 19.8 | 24.1 | 17.5 | 19.8 | 26.3 | 21.9 | 26.3 |
| 77.5° | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 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 | 13.2 | 10.9 | 10.9 | 13.2 |
| 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: P248687

CATALOG NUMBER: LSR8B70D010 EC8B70850 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 |
| 2.5° | 4483.7 | 4483.7 | 4481.5 | 4477.2 | 4468.4 | 4468.4 | 4466.2 | 4459.6 | 4455.3 | 4453.0 | 4453.0 |
| 5° | 4461.8 | 4453.0 | 4444.3 | 4420.2 | 4420.2 | 4415.8 | 4402.7 | 4393.9 | 4389.5 | 4378.5 | 4374.2 |
| 7.5° | 4442.1 | 4415.8 | 4400.5 | 4385.1 | 4365.5 | 4356.6 | 4341.3 | 4334.7 | 4319.4 | 4308.4 | 4301.9 |
| 10° | 4393.9 | 4376.4 | 4356.6 | 4332.5 | 4317.2 | 4299.7 | 4282.1 | 4269.0 | 4249.3 | 4238.3 | 4229.5 |
| 12.5° | 4361.0 | 4334.7 | 4317.2 | 4290.9 | 4264.6 | 4249.3 | 4225.2 | 4209.9 | 4190.1 | 4168.2 | 4155.0 |
| 15° | 4330.4 | 4301.9 | 4277.8 | 4249.3 | 4220.8 | 4203.3 | 4174.8 | 4157.3 | 4128.8 | 4106.8 | 4091.5 |
| 17.5° | 4284.4 | 4260.2 | 4233.9 | 4198.9 | 4172.6 | 4150.7 | 4119.9 | 4098.1 | 4071.8 | 4043.3 | 4027.9 |
| 20° | 4236.1 | 4207.6 | 4181.4 | 4146.3 | 4119.9 | 4093.7 | 4063.0 | 4038.9 | 4008.2 | 3981.9 | 3964.4 |
| 22.5° | 4172.6 | 4139.7 | 4117.8 | 4082.7 | 4052.0 | 4023.6 | 3995.1 | 3966.6 | 3938.1 | 3916.2 | 3896.4 |
| 25° | 4080.5 | 4045.4 | 4021.3 | 3992.8 | 3964.4 | 3942.5 | 3907.4 | 3889.9 | 3861.4 | 3841.6 | 3821.9 |
| 27.5° | 3949.0 | 3922.7 | 3900.8 | 3872.3 | 3848.2 | 3830.7 | 3804.4 | 3786.9 | 3762.7 | 3745.2 | 3729.9 |
| 30° | 3756.2 | 3734.3 | 3714.6 | 3686.0 | 3668.5 | 3653.2 | 3629.0 | 3613.7 | 3596.2 | 3576.5 | 3572.1 |
| 32.5° | 3497.6 | 3480.0 | 3460.4 | 3440.6 | 3427.4 | 3418.7 | 3398.9 | 3390.2 | 3372.7 | 3361.7 | 3350.8 |
| 35° | 3107.5 | 3092.2 | 3081.2 | 3072.5 | 3068.1 | 3070.2 | 3065.9 | 3074.7 | 3079.0 | 3076.8 | 3079.0 |
| 37.5° | 2596.9 | 2588.1 | 2592.5 | 2599.1 | 2621.0 | 2649.5 | 2675.8 | 2715.2 | 2741.5 | 2767.9 | 2792.0 |
| 40° | 2027.1 | 2033.7 | 2051.2 | 2090.6 | 2147.6 | 2211.2 | 2270.4 | 2344.9 | 2419.4 | 2472.0 | 2520.2 |
| 42.5° | 1529.7 | 1549.4 | 1593.2 | 1650.2 | 1735.7 | 1829.9 | 1922.0 | 2031.5 | 2121.4 | 2209.0 | 2270.4 |
| 45° | 1150.5 | 1176.8 | 1233.8 | 1312.7 | 1406.9 | 1516.5 | 1632.7 | 1755.3 | 1862.8 | 1952.6 | 2020.5 |
| 47.5° | 896.3 | 920.4 | 977.4 | 1060.7 | 1176.8 | 1290.8 | 1411.3 | 1538.4 | 1650.2 | 1737.8 | 1797.0 |
| 50° | 707.8 | 738.5 | 788.9 | 876.6 | 992.8 | 1113.3 | 1238.2 | 1363.1 | 1468.3 | 1542.8 | 1595.4 |
| 52.5° | 556.6 | 585.1 | 633.3 | 725.4 | 843.8 | 964.3 | 1080.4 | 1203.1 | 1295.1 | 1367.5 | 1402.6 |
| 55° | 431.7 | 458.1 | 508.4 | 585.1 | 696.9 | 815.3 | 931.3 | 1036.6 | 1122.0 | 1174.6 | 1207.5 |
| 57.5° | 328.7 | 348.5 | 383.5 | 460.2 | 561.1 | 670.6 | 769.2 | 874.4 | 940.2 | 977.4 | 999.3 |
| 60° | 249.9 | 265.2 | 302.5 | 361.6 | 453.6 | 547.9 | 631.1 | 710.1 | 762.7 | 793.3 | 815.3 |
| 62.5° | 188.4 | 206.0 | 232.3 | 282.7 | 352.8 | 429.5 | 499.6 | 558.8 | 602.6 | 622.4 | 637.7 |
| 65° | 129.3 | 142.4 | 162.2 | 201.6 | 260.8 | 315.5 | 370.4 | 414.2 | 442.7 | 464.6 | 473.4 |
| 67.5° | 96.4 | 105.2 | 116.2 | 146.9 | 188.4 | 232.3 | 269.5 | 300.2 | 331.0 | 339.7 | 355.0 |
| 70° | 72.3 | 78.9 | 89.8 | 111.8 | 135.8 | 166.5 | 197.3 | 214.8 | 236.7 | 252.0 | 256.4 |
| 72.5° | 46.0 | 48.2 | 59.2 | 72.3 | 92.0 | 111.8 | 131.5 | 146.9 | 160.0 | 168.8 | 173.1 |
| 75° | 26.3 | 39.4 | 39.4 | 52.6 | 65.8 | 74.5 | 87.7 | 98.6 | 105.2 | 111.8 | 111.8 |
| 77.5° | 17.5 | 24.1 | 26.3 | 32.8 | 39.4 | 50.4 | 61.3 | 67.9 | 74.5 | 76.7 | 76.7 |
| 80° | 15.3 | 17.5 | 17.5 | 24.1 | 28.5 | 37.3 | 43.8 | 46.0 | 50.4 | 52.6 | 57.0 |
| 82.5° | 6.6 | 8.7 | 10.9 | 17.5 | 19.8 | 19.8 | 26.3 | 28.5 | 32.8 | 35.1 | 35.1 |
| 85° | 2.2 | 4.4 | 4.4 | 6.6 | 10.9 | 13.2 | 15.3 | 17.5 | 19.8 | 19.8 | 21.9 |
| 87.5° | 2.2 | 2.2 | 0.0 | 2.2 | 4.4 | 4.4 | 8.7 | 8.7 | 8.7 | 13.2 | 13.2 |
| 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: P248687

CATALOG NUMBER: LSR8B70D010 EC8B70850 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 | 4488.1 |
| 2.5° | 4448.7 | 4450.9 | 4442.1 | 4440.0 | 4435.5 | 4437.7 | 4442.1 |
| 5° | 4367.6 | 4369.8 | 4361.0 | 4352.3 | 4352.3 | 4350.0 | 4352.3 |
| 7.5° | 4290.9 | 4293.1 | 4279.9 | 4275.5 | 4266.8 | 4269.0 | 4269.0 |
| 10° | 4214.2 | 4214.2 | 4194.5 | 4192.3 | 4185.7 | 4183.5 | 4183.5 |
| 12.5° | 4139.7 | 4133.1 | 4117.8 | 4109.0 | 4113.4 | 4100.3 | 4100.3 |
| 15° | 4073.9 | 4063.0 | 4043.3 | 4036.7 | 4025.8 | 4021.3 | 4021.3 |
| 17.5° | 4006.0 | 3997.2 | 3979.7 | 3966.6 | 3953.4 | 3951.2 | 3953.4 |
| 20° | 3940.2 | 3931.5 | 3909.6 | 3900.8 | 3889.9 | 3889.9 | 3885.5 |
| 22.5° | 3874.5 | 3865.7 | 3846.1 | 3839.5 | 3824.1 | 3824.1 | 3826.3 |
| 25° | 3806.6 | 3800.0 | 3778.1 | 3773.7 | 3771.6 | 3762.7 | 3767.1 |
| 27.5° | 3714.6 | 3710.1 | 3692.6 | 3686.0 | 3677.3 | 3675.1 | 3679.5 |
| 30° | 3545.8 | 3539.2 | 3526.1 | 3519.5 | 3504.2 | 3506.4 | 3510.7 |
| 32.5° | 3335.4 | 3326.7 | 3309.1 | 3302.5 | 3289.4 | 3285.0 | 3287.2 |
| 35° | 3072.5 | 3065.9 | 3050.6 | 3050.6 | 3037.4 | 3033.0 | 3037.4 |
| 37.5° | 2805.1 | 2811.6 | 2805.1 | 2811.6 | 2805.1 | 2802.9 | 2805.1 |
| 40° | 2553.1 | 2577.2 | 2581.5 | 2605.7 | 2596.9 | 2610.0 | 2607.9 |
| 42.5° | 2312.0 | 2351.4 | 2366.8 | 2386.5 | 2382.2 | 2390.9 | 2397.5 |
| 45° | 2068.7 | 2101.6 | 2117.0 | 2130.1 | 2132.3 | 2136.7 | 2138.9 |
| 47.5° | 1838.6 | 1864.9 | 1867.1 | 1882.4 | 1880.3 | 1880.3 | 1886.9 |
| 50° | 1623.9 | 1641.4 | 1645.8 | 1656.8 | 1648.0 | 1643.6 | 1645.8 |
| 52.5° | 1424.5 | 1442.0 | 1437.6 | 1442.0 | 1431.1 | 1426.6 | 1428.8 |
| 55° | 1220.6 | 1229.4 | 1229.4 | 1229.4 | 1216.3 | 1216.3 | 1216.3 |
| 57.5° | 1012.4 | 1014.7 | 1010.3 | 1012.4 | 1010.3 | 997.1 | 994.9 |
| 60° | 821.8 | 821.8 | 819.6 | 821.8 | 815.3 | 808.7 | 808.7 |
| 62.5° | 642.1 | 646.5 | 655.2 | 646.5 | 642.1 | 646.5 | 639.9 |
| 65° | 480.0 | 488.7 | 486.5 | 490.9 | 488.7 | 488.7 | 484.3 |
| 67.5° | 361.6 | 363.8 | 366.0 | 368.2 | 368.2 | 368.2 | 368.2 |
| 70° | 265.2 | 271.8 | 269.5 | 269.5 | 269.5 | 269.5 | 282.7 |
| 72.5° | 177.5 | 186.3 | 184.1 | 188.4 | 188.4 | 192.9 | 188.4 |
| 75° | 120.5 | 129.3 | 124.9 | 131.5 | 129.3 | 124.9 | 135.8 |
| 77.5° | 81.1 | 85.5 | 87.7 | 89.8 | 87.7 | 85.5 | 87.7 |
| 80° | 57.0 | 61.3 | 59.2 | 61.3 | 61.3 | 61.3 | 63.6 |
| 82.5° | 35.1 | 41.7 | 39.4 | 41.7 | 39.4 | 41.7 | 41.7 |
| 85° | 24.1 | 26.3 | 21.9 | 26.3 | 24.1 | 24.1 | 28.5 |
| 87.5° | 15.3 | 13.2 | 13.2 | 15.3 | 13.2 | 15.3 | 13.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)