

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: P859568

Luminaire Tested: **LX4C75D010 EX4C759035 4LBLWW***

Issue Date: 2/9/2022



Test Information

Test Method: LM-79-08
Report Number: P859568
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2107-320-1)
Test Lab: INNOVATION CENTER
Issue Date: 2/9/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C75D010 EX4C759035 4LBLWW*
Description: 4 INCH 7500 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 3500K, 90CRI LEDS
AND 4LRLWW TRIM WITH * FINISH
Light Source: -
Ballast/Driver: -

Summary

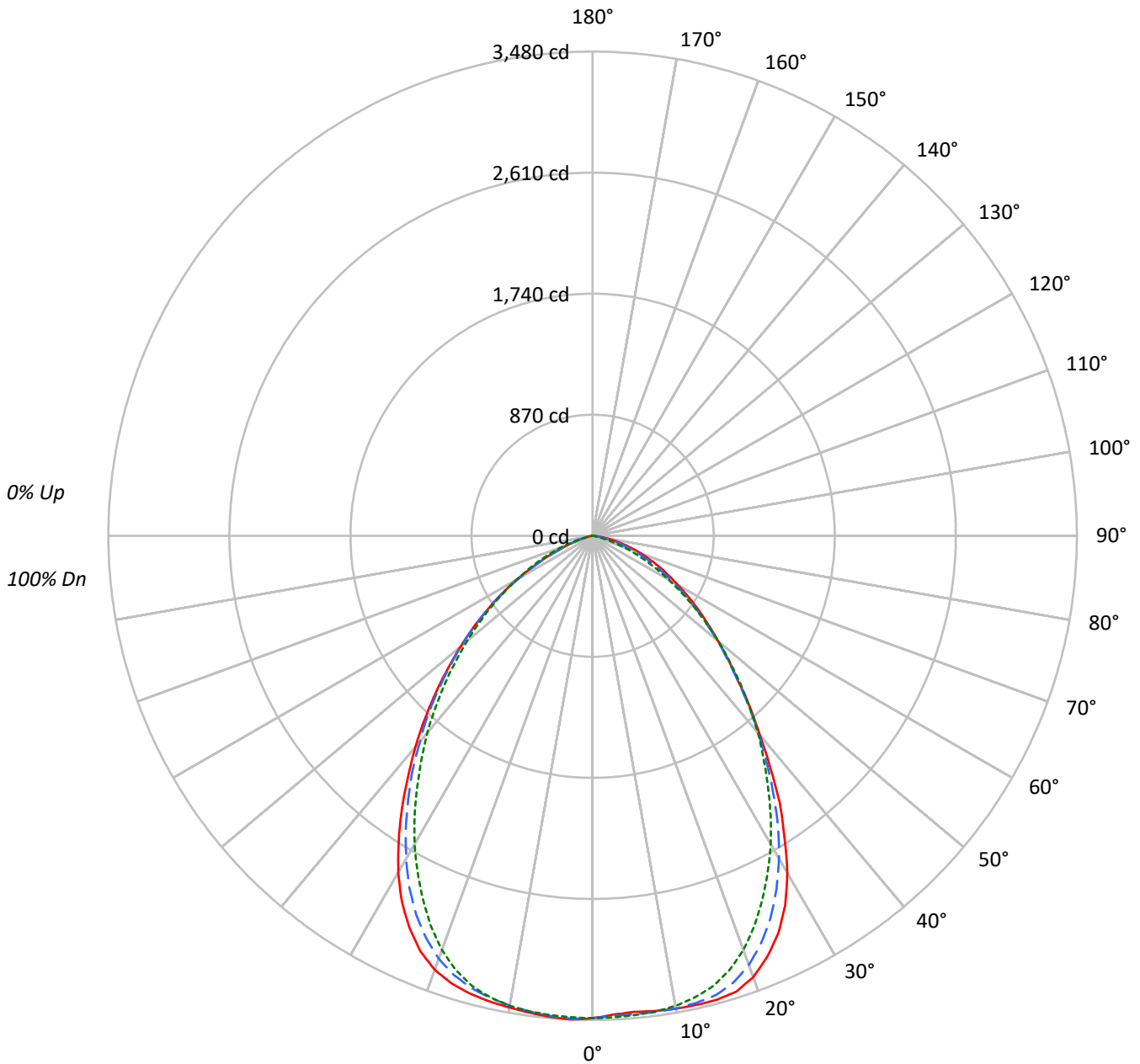
Lumens per Lamp: N/A
Luminaire Lumens: 6647.0 lumens
Efficiency: N/A
Efficacy: 81.6 lumens/watt
Spacing Criteria (0/90/45): 1.19 / 1.12 / 1.18
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 81.5
Input Voltage (V):
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

TEST NUMBER: P859568

CATALOG NUMBER: LX4C75D010 EX4C759035 4LBLWW*

Luminous Intensity Polar Plot





TEST NUMBER: P859568

CATALOG NUMBER: LX4C75D010 EX4C759035 4LBLWW*

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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | | | 100 |
| 1 | 111 | 107 | 104 | 101 | 109 | 105 | 102 | 99 | 101 | 99 | 96 | 97 | 95 | 93 | 94 | 92 | 91 | 89 | | | 89 |
| 2 | 103 | 96 | 91 | 86 | 101 | 95 | 89 | 85 | 91 | 87 | 83 | 88 | 84 | 81 | 85 | 82 | 80 | 78 | | | 78 |
| 3 | 95 | 87 | 80 | 74 | 93 | 85 | 79 | 74 | 82 | 77 | 72 | 80 | 75 | 71 | 77 | 73 | 70 | 68 | | | 68 |
| 4 | 88 | 78 | 71 | 65 | 86 | 77 | 70 | 65 | 75 | 69 | 64 | 72 | 67 | 63 | 70 | 66 | 62 | 60 | | | 60 |
| 5 | 82 | 71 | 63 | 57 | 80 | 70 | 63 | 57 | 68 | 61 | 57 | 66 | 60 | 56 | 64 | 59 | 55 | 54 | | | 54 |
| 6 | 76 | 65 | 57 | 51 | 75 | 64 | 56 | 51 | 62 | 56 | 51 | 61 | 55 | 50 | 59 | 54 | 50 | 48 | | | 48 |
| 7 | 71 | 59 | 51 | 46 | 70 | 59 | 51 | 46 | 57 | 50 | 46 | 56 | 50 | 45 | 54 | 49 | 45 | 43 | | | 43 |
| 8 | 67 | 55 | 47 | 42 | 65 | 54 | 47 | 42 | 53 | 46 | 41 | 52 | 46 | 41 | 50 | 45 | 41 | 39 | | | 39 |
| 9 | 63 | 51 | 43 | 38 | 61 | 50 | 43 | 38 | 49 | 42 | 38 | 48 | 42 | 38 | 47 | 41 | 37 | 36 | | | 36 |
| 10 | 59 | 47 | 40 | 35 | 58 | 46 | 39 | 35 | 45 | 39 | 35 | 45 | 39 | 35 | 44 | 38 | 34 | 33 | | | 33 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|--------|--------|--------|
| 0° | 425945 | 425945 | 425945 |
| 5° | 423552 | 426450 | 428053 |
| 10° | 430558 | 427963 | 429585 |
| 15° | 438974 | 426065 | 433187 |
| 20° | 441188 | 414125 | 433867 |
| 25° | 427618 | 391086 | 421789 |
| 30° | 396907 | 362918 | 396170 |
| 35° | 351470 | 329213 | 358114 |
| 40° | 299626 | 296499 | 317572 |
| 45° | 257415 | 260351 | 276648 |
| 50° | 224707 | 225204 | 237130 |
| 55° | 198553 | 190178 | 196604 |
| 60° | 174034 | 155139 | 154501 |
| 65° | 154040 | 120348 | 107092 |
| 70° | 131395 | 82760 | 63614 |
| 75° | 106278 | 44477 | 29050 |
| 80° | 72800 | 11037 | 7358 |
| 85° | 21990 | 3665 | 3665 |



TEST NUMBER: P859568

CATALOG NUMBER: LX4C75D010 EX4C759035 4LBLWW*

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 329.5 | 5.0 |
| 10°-20° | 953.9 | 14.4 |
| 20°-30° | 1378.3 | 20.7 |
| 30°-40° | 1424.9 | 21.4 |
| 40°-50° | 1177.3 | 17.7 |
| 50°-60° | 812.5 | 12.2 |
| 60°-70° | 425.4 | 6.4 |
| 70°-80° | 133.9 | 2.0 |
| 80°-90° | 11.4 | 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° | 2661.7 | 40.0 |
| 0°-40° | 4086.5 | 61.5 |
| 0°-60° | 6076.3 | 91.4 |
| 0°-90° | 6647.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 6647.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 3467 | 3467 | 3467 | 3467 | 3467 | |
| 5° | 3434 | 3451 | 3458 | 3464 | 3471 | 329 |
| 15° | 3451 | 3419 | 3350 | 3366 | 3406 | 974 |
| 25° | 3155 | 3027 | 2885 | 3001 | 3112 | 1440 |
| 35° | 2344 | 2265 | 2195 | 2310 | 2388 | 1455 |
| 45° | 1482 | 1475 | 1498 | 1568 | 1592 | 1155 |
| 55° | 927 | 898 | 888 | 913 | 918 | 833 |
| 65° | 530 | 480 | 414 | 344 | 368 | 525 |
| 75° | 224 | 176 | 94 | 64 | 61 | 240 |
| 85° | 16 | 8 | 3 | 3 | 3 | 32 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P859568

CATALOG NUMBER: LX4C75D010 EX4C759035 4LBLWW*

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3467.1 | 3467.1 | 3467.1 | 3467.1 | 3467.1 | 3467.1 | 3467.1 | 3467.1 | 3467.1 | 3467.1 | 3467.1 |
| 2.5° | 3444.9 | 3446.2 | 3446.2 | 3448.8 | 3448.8 | 3448.8 | 3450.1 | 3450.1 | 3451.4 | 3452.7 | 3454.0 |
| 5° | 3434.5 | 3434.5 | 3437.1 | 3438.4 | 3441.0 | 3442.3 | 3444.9 | 3446.2 | 3448.8 | 3450.1 | 3451.4 |
| 7.5° | 3444.9 | 3444.9 | 3446.2 | 3447.5 | 3447.5 | 3448.8 | 3448.8 | 3450.1 | 3451.4 | 3452.7 | 3452.7 |
| 10° | 3451.4 | 3451.4 | 3451.4 | 3451.4 | 3452.7 | 3452.7 | 3452.7 | 3451.4 | 3451.4 | 3451.4 | 3450.1 |
| 12.5° | 3454.0 | 3454.0 | 3452.7 | 3451.4 | 3452.7 | 3451.4 | 3451.4 | 3447.5 | 3444.9 | 3442.3 | 3438.4 |
| 15° | 3451.4 | 3451.4 | 3450.1 | 3448.8 | 3447.5 | 3444.9 | 3443.6 | 3437.1 | 3431.9 | 3424.1 | 3418.9 |
| 17.5° | 3434.5 | 3431.9 | 3429.3 | 3426.7 | 3421.5 | 3417.6 | 3415.0 | 3403.3 | 3394.2 | 3381.1 | 3366.8 |
| 20° | 3374.6 | 3372.0 | 3368.1 | 3361.6 | 3355.1 | 3349.9 | 3342.1 | 3325.2 | 3316.0 | 3296.5 | 3282.2 |
| 22.5° | 3277.0 | 3274.4 | 3275.7 | 3264.0 | 3250.9 | 3243.1 | 3237.9 | 3223.6 | 3208.0 | 3183.2 | 3167.6 |
| 25° | 3154.6 | 3146.8 | 3146.8 | 3128.6 | 3122.1 | 3116.8 | 3110.3 | 3093.4 | 3070.0 | 3047.8 | 3027.0 |
| 27.5° | 2995.8 | 2985.3 | 2980.1 | 2977.5 | 2961.9 | 2950.2 | 2941.1 | 2928.1 | 2908.5 | 2889.0 | 2860.4 |
| 30° | 2797.9 | 2796.6 | 2790.1 | 2778.3 | 2766.6 | 2761.4 | 2751.0 | 2728.9 | 2710.6 | 2696.3 | 2678.1 |
| 32.5° | 2564.8 | 2563.5 | 2563.5 | 2563.5 | 2555.7 | 2554.4 | 2538.8 | 2527.1 | 2512.7 | 2490.6 | 2478.9 |
| 35° | 2343.5 | 2342.2 | 2343.5 | 2324.0 | 2318.8 | 2314.8 | 2313.5 | 2305.7 | 2286.2 | 2275.8 | 2265.4 |
| 37.5° | 2093.5 | 2097.4 | 2094.8 | 2089.6 | 2096.1 | 2084.4 | 2093.5 | 2076.6 | 2068.8 | 2066.2 | 2054.5 |
| 40° | 1868.3 | 1878.7 | 1868.3 | 1869.6 | 1876.1 | 1864.4 | 1864.4 | 1861.8 | 1856.6 | 1854.0 | 1851.4 |
| 42.5° | 1675.6 | 1662.6 | 1670.4 | 1663.9 | 1670.4 | 1666.5 | 1660.0 | 1663.9 | 1665.2 | 1660.0 | 1658.7 |
| 45° | 1481.6 | 1484.2 | 1486.8 | 1482.9 | 1482.9 | 1479.0 | 1489.4 | 1482.9 | 1482.9 | 1484.2 | 1475.1 |
| 47.5° | 1324.1 | 1320.2 | 1322.8 | 1320.2 | 1321.5 | 1318.9 | 1321.5 | 1322.8 | 1320.2 | 1320.2 | 1312.4 |
| 50° | 1175.7 | 1173.0 | 1182.2 | 1174.3 | 1174.3 | 1173.0 | 1174.3 | 1171.7 | 1167.8 | 1167.8 | 1170.4 |
| 52.5° | 1046.8 | 1041.6 | 1040.2 | 1046.8 | 1037.6 | 1037.6 | 1038.9 | 1036.3 | 1031.1 | 1028.5 | 1022.0 |
| 55° | 927.0 | 925.7 | 927.0 | 921.8 | 919.2 | 919.2 | 912.7 | 910.1 | 908.8 | 902.2 | 898.3 |
| 57.5° | 815.0 | 811.1 | 812.4 | 811.1 | 805.9 | 804.6 | 799.4 | 799.4 | 794.2 | 789.0 | 782.5 |
| 60° | 708.3 | 708.3 | 712.2 | 707.0 | 703.0 | 700.4 | 697.8 | 695.2 | 686.1 | 677.0 | 669.2 |
| 62.5° | 613.2 | 614.5 | 613.2 | 609.3 | 606.7 | 604.1 | 601.5 | 593.7 | 585.9 | 580.7 | 571.6 |
| 65° | 529.9 | 528.6 | 524.7 | 522.1 | 515.6 | 515.6 | 510.4 | 506.5 | 497.3 | 489.5 | 480.4 |
| 67.5° | 444.0 | 441.4 | 441.4 | 441.4 | 433.5 | 432.2 | 429.6 | 421.8 | 414.0 | 403.6 | 395.8 |
| 70° | 365.8 | 368.4 | 364.5 | 360.6 | 356.7 | 355.4 | 351.5 | 343.7 | 334.6 | 324.2 | 317.7 |
| 72.5° | 291.6 | 294.2 | 290.3 | 289.0 | 281.2 | 278.6 | 277.3 | 270.8 | 260.4 | 253.9 | 243.5 |
| 75° | 223.9 | 225.2 | 222.6 | 220.0 | 214.8 | 213.5 | 207.0 | 201.8 | 195.3 | 184.9 | 175.8 |
| 77.5° | 161.4 | 158.8 | 158.8 | 153.6 | 148.4 | 148.4 | 147.1 | 139.3 | 130.2 | 122.4 | 114.6 |
| 80° | 102.9 | 101.6 | 97.6 | 95.0 | 91.1 | 89.8 | 88.5 | 82.0 | 75.5 | 70.3 | 65.1 |
| 82.5° | 52.1 | 50.8 | 49.5 | 48.2 | 45.6 | 43.0 | 44.3 | 39.1 | 36.5 | 31.2 | 27.3 |
| 85° | 15.6 | 16.9 | 16.9 | 15.6 | 14.3 | 14.3 | 14.3 | 13.0 | 10.4 | 9.1 | 7.8 |
| 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: P859568

CATALOG NUMBER: LX4C75D010 EX4C759035 4LBLWW*

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3467.1 | 3467.1 | 3467.1 | 3467.1 | 3467.1 | 3467.1 | 3467.1 | 3467.1 | 3467.1 | 3467.1 | 3467.1 |
| 2.5° | 3455.3 | 3456.6 | 3458.0 | 3459.3 | 3459.3 | 3460.6 | 3461.9 | 3463.2 | 3464.5 | 3464.5 | 3465.8 |
| 5° | 3452.7 | 3455.3 | 3455.3 | 3456.6 | 3456.6 | 3456.6 | 3458.0 | 3458.0 | 3458.0 | 3458.0 | 3459.3 |
| 7.5° | 3454.0 | 3454.0 | 3454.0 | 3452.7 | 3452.7 | 3451.4 | 3451.4 | 3451.4 | 3448.8 | 3448.8 | 3448.8 |
| 10° | 3447.5 | 3446.2 | 3444.9 | 3442.3 | 3441.0 | 3439.7 | 3437.1 | 3434.5 | 3431.9 | 3430.6 | 3428.0 |
| 12.5° | 3434.5 | 3429.3 | 3424.1 | 3418.9 | 3416.3 | 3415.0 | 3409.8 | 3405.9 | 3402.0 | 3398.1 | 3395.5 |
| 15° | 3408.5 | 3400.7 | 3391.6 | 3381.1 | 3378.5 | 3375.9 | 3366.8 | 3359.0 | 3353.8 | 3349.9 | 3343.4 |
| 17.5° | 3356.4 | 3340.8 | 3330.4 | 3314.7 | 3308.2 | 3305.6 | 3291.3 | 3283.5 | 3274.4 | 3271.8 | 3266.6 |
| 20° | 3264.0 | 3249.6 | 3230.1 | 3215.8 | 3208.0 | 3200.2 | 3188.4 | 3178.0 | 3167.6 | 3167.6 | 3161.1 |
| 22.5° | 3148.1 | 3129.9 | 3105.1 | 3086.9 | 3085.6 | 3070.0 | 3059.6 | 3047.8 | 3043.9 | 3036.1 | 3036.1 |
| 25° | 3002.3 | 2986.6 | 2959.3 | 2943.7 | 2935.9 | 2932.0 | 2915.0 | 2899.4 | 2891.6 | 2885.1 | 2890.3 |
| 27.5° | 2840.8 | 2817.4 | 2796.6 | 2777.0 | 2770.5 | 2762.7 | 2747.1 | 2740.6 | 2726.3 | 2725.0 | 2723.7 |
| 30° | 2656.0 | 2632.5 | 2611.7 | 2602.6 | 2589.6 | 2583.0 | 2571.3 | 2563.5 | 2558.3 | 2558.3 | 2555.7 |
| 32.5° | 2462.0 | 2441.1 | 2430.7 | 2411.2 | 2404.7 | 2395.6 | 2387.8 | 2379.9 | 2382.5 | 2379.9 | 2381.2 |
| 35° | 2252.4 | 2247.1 | 2227.6 | 2215.9 | 2215.9 | 2214.6 | 2201.6 | 2196.4 | 2193.8 | 2195.1 | 2201.6 |
| 37.5° | 2053.2 | 2037.5 | 2024.5 | 2016.7 | 2023.2 | 2015.4 | 2014.1 | 2014.1 | 2021.9 | 2016.7 | 2027.1 |
| 40° | 1840.9 | 1839.6 | 1834.4 | 1837.0 | 1838.3 | 1829.2 | 1831.8 | 1833.1 | 1838.3 | 1848.8 | 1850.1 |
| 42.5° | 1656.1 | 1654.8 | 1654.8 | 1654.8 | 1652.2 | 1647.0 | 1652.2 | 1661.3 | 1660.0 | 1667.8 | 1674.3 |
| 45° | 1477.7 | 1475.1 | 1480.3 | 1476.4 | 1484.2 | 1486.8 | 1482.9 | 1485.5 | 1493.3 | 1498.5 | 1508.9 |
| 47.5° | 1315.0 | 1315.0 | 1316.3 | 1318.9 | 1311.1 | 1317.6 | 1320.2 | 1325.4 | 1329.3 | 1331.9 | 1337.1 |
| 50° | 1163.9 | 1163.9 | 1161.3 | 1161.3 | 1161.3 | 1165.2 | 1160.0 | 1166.5 | 1167.8 | 1178.3 | 1184.8 |
| 52.5° | 1024.6 | 1018.1 | 1022.0 | 1019.4 | 1014.2 | 1011.6 | 1014.2 | 1015.5 | 1023.3 | 1025.9 | 1033.7 |
| 55° | 891.8 | 891.8 | 881.4 | 878.8 | 882.7 | 881.4 | 880.1 | 880.1 | 884.0 | 887.9 | 894.4 |
| 57.5° | 774.7 | 766.8 | 759.0 | 757.7 | 753.8 | 755.1 | 755.1 | 753.8 | 751.2 | 752.5 | 753.8 |
| 60° | 664.0 | 658.8 | 647.1 | 647.1 | 645.8 | 644.5 | 638.0 | 636.6 | 630.1 | 631.4 | 626.2 |
| 62.5° | 562.4 | 559.8 | 544.2 | 539.0 | 539.0 | 535.1 | 528.6 | 527.3 | 518.2 | 518.2 | 513.0 |
| 65° | 471.3 | 463.5 | 454.4 | 445.3 | 445.3 | 440.1 | 436.1 | 424.4 | 417.9 | 414.0 | 406.2 |
| 67.5° | 388.0 | 376.3 | 367.1 | 359.3 | 354.1 | 352.8 | 343.7 | 335.9 | 325.5 | 319.0 | 307.3 |
| 70° | 307.3 | 298.1 | 289.0 | 281.2 | 276.0 | 270.8 | 261.7 | 250.0 | 242.2 | 230.4 | 222.6 |
| 72.5° | 231.7 | 223.9 | 216.1 | 205.7 | 199.2 | 195.3 | 186.2 | 175.8 | 162.7 | 154.9 | 144.5 |
| 75° | 166.6 | 157.5 | 147.1 | 138.0 | 134.1 | 130.2 | 119.8 | 112.0 | 102.9 | 93.7 | 83.3 |
| 77.5° | 108.1 | 97.6 | 89.8 | 79.4 | 78.1 | 75.5 | 65.1 | 57.3 | 50.8 | 45.6 | 39.1 |
| 80° | 57.3 | 52.1 | 45.6 | 39.1 | 36.5 | 32.5 | 27.3 | 23.4 | 19.5 | 15.6 | 13.0 |
| 82.5° | 24.7 | 20.8 | 16.9 | 14.3 | 13.0 | 11.7 | 9.1 | 7.8 | 6.5 | 6.5 | 5.2 |
| 85° | 6.5 | 5.2 | 5.2 | 3.9 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 1.3 | 1.3 | 1.3 | 0.0 | 1.3 | 1.3 | 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: P859568

CATALOG NUMBER: LX4C75D010 EX4C759035 4LBLWW*

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3467.1 | 3467.1 | 3467.1 | 3467.1 | 3467.1 | 3467.1 | 3467.1 | 3467.1 | 3467.1 | 3467.1 | 3467.1 |
| 2.5° | 3467.1 | 3468.4 | 3469.7 | 3469.7 | 3471.0 | 3472.3 | 3472.3 | 3473.6 | 3474.9 | 3476.2 | 3476.2 |
| 5° | 3460.6 | 3460.6 | 3460.6 | 3461.9 | 3461.9 | 3461.9 | 3461.9 | 3464.5 | 3464.5 | 3465.8 | 3467.1 |
| 7.5° | 3447.5 | 3447.5 | 3447.5 | 3447.5 | 3446.2 | 3447.5 | 3446.2 | 3446.2 | 3448.8 | 3450.1 | 3451.4 |
| 10° | 3426.7 | 3425.4 | 3425.4 | 3424.1 | 3424.1 | 3424.1 | 3425.4 | 3426.7 | 3428.0 | 3429.3 | 3433.2 |
| 12.5° | 3394.2 | 3392.9 | 3392.9 | 3391.6 | 3391.6 | 3392.9 | 3394.2 | 3396.8 | 3402.0 | 3404.6 | 3409.8 |
| 15° | 3342.1 | 3340.8 | 3342.1 | 3343.4 | 3346.0 | 3349.9 | 3353.8 | 3357.7 | 3365.5 | 3372.0 | 3378.5 |
| 17.5° | 3266.6 | 3267.9 | 3269.2 | 3271.8 | 3275.7 | 3280.9 | 3291.3 | 3301.7 | 3310.8 | 3321.2 | 3331.7 |
| 20° | 3162.4 | 3167.6 | 3168.9 | 3178.0 | 3180.6 | 3192.4 | 3204.1 | 3219.7 | 3234.0 | 3247.0 | 3261.4 |
| 22.5° | 3037.4 | 3041.3 | 3046.5 | 3057.0 | 3063.5 | 3079.1 | 3093.4 | 3111.6 | 3127.3 | 3144.2 | 3165.0 |
| 25° | 2895.5 | 2896.8 | 2912.4 | 2912.4 | 2928.1 | 2941.1 | 2958.0 | 2977.5 | 3001.0 | 3023.1 | 3037.4 |
| 27.5° | 2734.1 | 2740.6 | 2752.3 | 2757.5 | 2769.2 | 2790.1 | 2804.4 | 2827.8 | 2851.2 | 2870.8 | 2886.4 |
| 30° | 2564.8 | 2570.0 | 2589.6 | 2592.2 | 2601.3 | 2619.5 | 2639.0 | 2661.2 | 2679.4 | 2701.5 | 2715.8 |
| 32.5° | 2386.5 | 2400.8 | 2412.5 | 2421.6 | 2424.2 | 2451.6 | 2462.0 | 2477.6 | 2498.4 | 2520.6 | 2534.9 |
| 35° | 2213.3 | 2219.8 | 2236.7 | 2241.9 | 2249.8 | 2265.4 | 2286.2 | 2299.2 | 2309.6 | 2324.0 | 2340.9 |
| 37.5° | 2029.7 | 2049.3 | 2053.2 | 2068.8 | 2071.4 | 2085.7 | 2096.1 | 2111.7 | 2124.8 | 2137.8 | 2140.4 |
| 40° | 1859.2 | 1865.7 | 1880.0 | 1883.9 | 1886.5 | 1906.0 | 1919.1 | 1923.0 | 1929.5 | 1941.2 | 1956.8 |
| 42.5° | 1686.0 | 1692.5 | 1708.1 | 1704.2 | 1716.0 | 1725.1 | 1731.6 | 1747.2 | 1753.7 | 1757.6 | 1757.6 |
| 45° | 1515.5 | 1518.1 | 1528.5 | 1533.7 | 1540.2 | 1545.4 | 1557.1 | 1564.9 | 1567.5 | 1579.3 | 1583.2 |
| 47.5° | 1352.7 | 1355.3 | 1363.1 | 1372.2 | 1369.6 | 1376.2 | 1389.2 | 1393.1 | 1394.4 | 1402.2 | 1406.1 |
| 50° | 1192.6 | 1199.1 | 1209.5 | 1206.9 | 1214.7 | 1218.6 | 1230.3 | 1232.9 | 1232.9 | 1234.2 | 1235.5 |
| 52.5° | 1042.9 | 1048.1 | 1050.7 | 1053.3 | 1057.2 | 1063.7 | 1068.9 | 1066.3 | 1071.5 | 1076.7 | 1072.8 |
| 55° | 894.4 | 898.3 | 904.8 | 907.5 | 907.5 | 908.8 | 906.1 | 917.9 | 912.7 | 911.4 | 912.7 |
| 57.5° | 759.0 | 753.8 | 752.5 | 759.0 | 761.6 | 760.3 | 756.4 | 761.6 | 761.6 | 759.0 | 755.1 |
| 60° | 627.5 | 623.6 | 622.3 | 623.6 | 618.4 | 614.5 | 617.1 | 614.5 | 608.0 | 605.4 | 606.7 |
| 62.5° | 507.8 | 503.9 | 493.4 | 493.4 | 490.8 | 489.5 | 479.1 | 480.4 | 475.2 | 467.4 | 470.0 |
| 65° | 397.1 | 386.7 | 381.5 | 380.2 | 371.1 | 363.2 | 360.6 | 351.5 | 343.7 | 342.4 | 343.7 |
| 67.5° | 298.1 | 286.4 | 277.3 | 273.4 | 268.2 | 261.7 | 252.6 | 244.8 | 247.4 | 246.1 | 251.3 |
| 70° | 207.0 | 199.2 | 190.1 | 183.6 | 186.2 | 178.4 | 173.2 | 173.2 | 174.5 | 175.8 | 178.4 |
| 72.5° | 138.0 | 127.6 | 123.7 | 119.8 | 117.2 | 112.0 | 114.6 | 114.6 | 113.3 | 114.6 | 112.0 |
| 75° | 78.1 | 72.9 | 69.0 | 67.7 | 65.1 | 65.1 | 65.1 | 65.1 | 63.8 | 62.5 | 62.5 |
| 77.5° | 35.2 | 32.5 | 31.2 | 29.9 | 29.9 | 29.9 | 28.6 | 27.3 | 27.3 | 27.3 | 26.0 |
| 80° | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 |
| 82.5° | 5.2 | 5.2 | 6.5 | 6.5 | 6.5 | 5.2 | 6.5 | 6.5 | 5.2 | 5.2 | 6.5 |
| 85° | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| 87.5° | 1.3 | 1.3 | 1.3 | 0.0 | 1.3 | 1.3 | 1.3 | 1.3 | 0.0 | 1.3 | 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: P859568

CATALOG NUMBER: LX4C75D010 EX4C759035 4LBLWW*

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3467.1 | 3467.1 | 3467.1 | 3467.1 | 3467.1 | 3467.1 | 3467.1 | 3467.1 |
| 2.5° | 3477.5 | 3478.8 | 3478.8 | 3478.8 | 3480.1 | 3480.1 | 3480.1 | 3480.1 |
| 5° | 3468.4 | 3469.7 | 3469.7 | 3469.7 | 3471.0 | 3471.0 | 3471.0 | 3471.0 |
| 7.5° | 3452.7 | 3454.0 | 3454.0 | 3455.3 | 3455.3 | 3456.6 | 3456.6 | 3458.0 |
| 10° | 3434.5 | 3437.1 | 3438.4 | 3439.7 | 3441.0 | 3442.3 | 3442.3 | 3443.6 |
| 12.5° | 3415.0 | 3417.6 | 3418.9 | 3421.5 | 3424.1 | 3425.4 | 3426.7 | 3428.0 |
| 15° | 3386.3 | 3391.6 | 3394.2 | 3395.5 | 3400.7 | 3403.3 | 3404.6 | 3405.9 |
| 17.5° | 3340.8 | 3351.2 | 3355.1 | 3357.7 | 3362.9 | 3368.1 | 3372.0 | 3373.3 |
| 20° | 3275.7 | 3287.4 | 3292.6 | 3299.1 | 3306.9 | 3313.4 | 3316.0 | 3318.6 |
| 22.5° | 3184.5 | 3197.6 | 3205.4 | 3213.2 | 3219.7 | 3226.2 | 3236.6 | 3232.7 |
| 25° | 3054.3 | 3076.5 | 3085.6 | 3089.5 | 3103.8 | 3111.6 | 3116.8 | 3111.6 |
| 27.5° | 2908.5 | 2921.6 | 2929.4 | 2938.5 | 2948.9 | 2956.7 | 2959.3 | 2967.1 |
| 30° | 2732.8 | 2754.9 | 2753.6 | 2762.7 | 2775.7 | 2783.5 | 2786.2 | 2792.7 |
| 32.5° | 2550.5 | 2560.9 | 2568.7 | 2567.4 | 2572.6 | 2587.0 | 2581.7 | 2593.5 |
| 35° | 2356.5 | 2357.8 | 2370.8 | 2369.5 | 2379.9 | 2379.9 | 2379.9 | 2387.8 |
| 37.5° | 2149.5 | 2165.1 | 2158.6 | 2174.2 | 2169.0 | 2172.9 | 2172.9 | 2175.5 |
| 40° | 1960.7 | 1965.9 | 1965.9 | 1971.1 | 1975.0 | 1971.1 | 1973.7 | 1980.2 |
| 42.5° | 1765.4 | 1770.6 | 1771.9 | 1769.3 | 1773.2 | 1785.0 | 1775.8 | 1783.7 |
| 45° | 1583.2 | 1587.1 | 1592.3 | 1588.4 | 1594.9 | 1591.0 | 1594.9 | 1592.3 |
| 47.5° | 1411.3 | 1410.0 | 1408.7 | 1419.1 | 1410.0 | 1411.3 | 1416.5 | 1407.4 |
| 50° | 1235.5 | 1243.4 | 1238.1 | 1242.1 | 1244.7 | 1244.7 | 1240.7 | 1240.7 |
| 52.5° | 1079.3 | 1078.0 | 1074.1 | 1078.0 | 1075.4 | 1076.7 | 1079.3 | 1076.7 |
| 55° | 917.9 | 923.1 | 920.5 | 919.2 | 920.5 | 920.5 | 928.3 | 917.9 |
| 57.5° | 759.0 | 756.4 | 760.3 | 769.4 | 760.3 | 766.8 | 770.7 | 772.1 |
| 60° | 608.0 | 608.0 | 615.8 | 611.9 | 619.7 | 626.2 | 631.4 | 628.8 |
| 62.5° | 463.5 | 470.0 | 472.6 | 473.9 | 481.7 | 486.9 | 486.9 | 485.6 |
| 65° | 343.7 | 352.8 | 352.8 | 358.0 | 360.6 | 360.6 | 363.2 | 368.4 |
| 67.5° | 253.9 | 253.9 | 255.2 | 257.8 | 256.5 | 256.5 | 259.1 | 260.4 |
| 70° | 177.1 | 174.5 | 178.4 | 177.1 | 177.1 | 175.8 | 177.1 | 177.1 |
| 72.5° | 112.0 | 112.0 | 113.3 | 112.0 | 109.4 | 110.7 | 110.7 | 113.3 |
| 75° | 59.9 | 62.5 | 59.9 | 59.9 | 61.2 | 58.6 | 59.9 | 61.2 |
| 77.5° | 24.7 | 24.7 | 24.7 | 24.7 | 24.7 | 23.4 | 23.4 | 23.4 |
| 80° | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 10.4 | 10.4 |
| 82.5° | 5.2 | 6.5 | 5.2 | 6.5 | 5.2 | 5.2 | 5.2 | 5.2 |
| 85° | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| 87.5° | 0.0 | 1.3 | 0.0 | 1.3 | 0.0 | 0.0 | 0.0 | 1.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



Report Generated By 670246072 / DESKTOP-50001EG





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













(END OF REPORT)