

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: io LED

Report Number: P208883

Luminaire Tested: **LDSQA6A10940D010TE LAR35FL 6LSQA1H 30°**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P208883
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29058)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: io LED
Catalog Number: LDSQA6A10940D010TE LAR35FL 6LSQA1H 30°
Description: PORTFOLIO 6" SQUARE ADJUSTABLE REFLECTOR, ANGLE-CUT TRIM,
SELF-FLANGED, 35° FLOOD, 30° Tilt
Light Source: (1) HIGH LUMEN LED 90CRI / 4000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1056.3 lumens
Efficiency: N/A
Efficacy: 76.9 lumens/watt
Spacing Criteria (0/90/45): 2.55 / 0.56 / 1.24
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
CIE Type: Direct

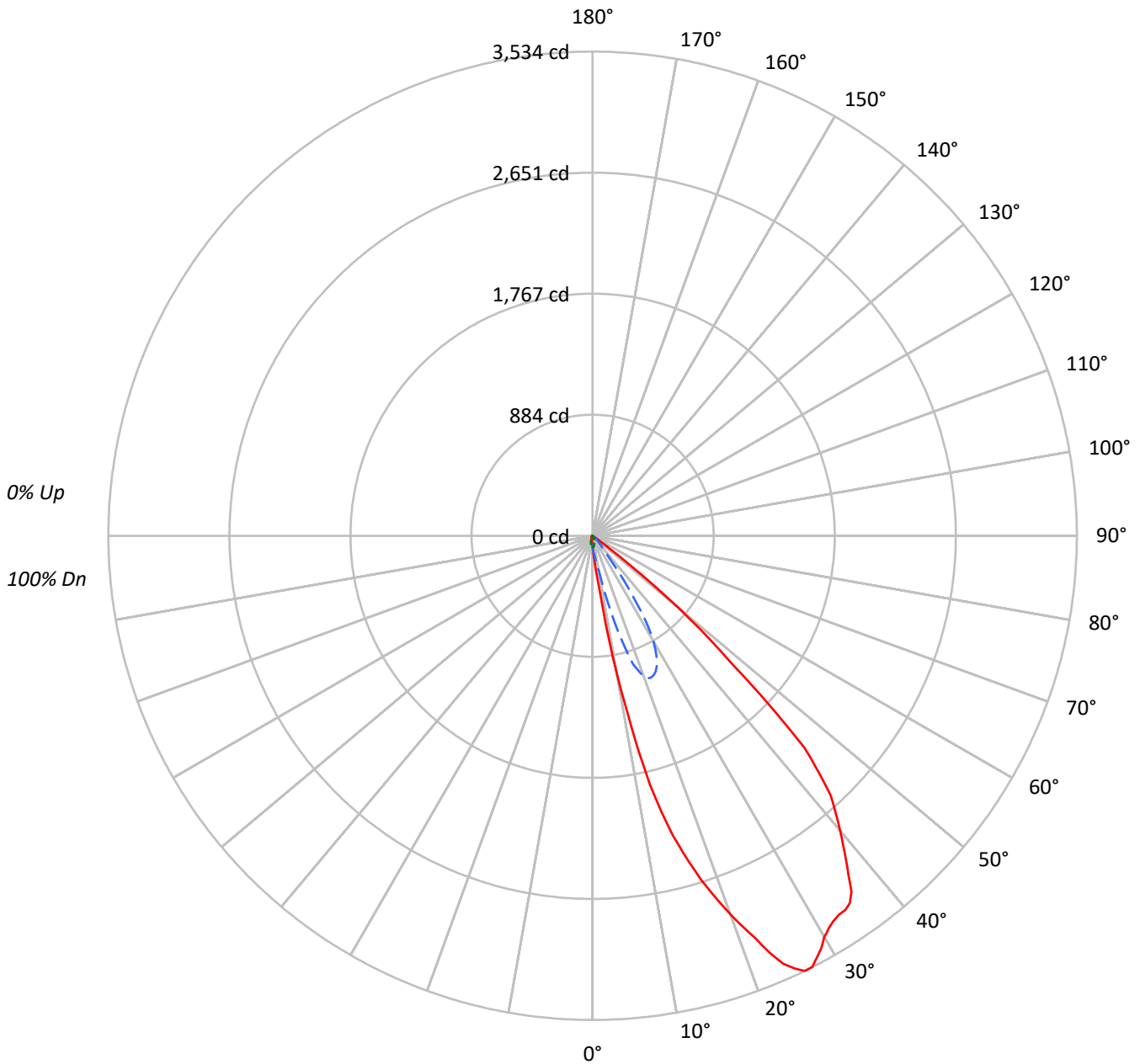
Input Watts (W): 13.73
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P208883

CATALOG NUMBER: LDSQA6A10940D010TE LAR35FL 6LSQA1H 30°

Luminous Intensity Polar Plot





TEST NUMBER: P208883

CATALOG NUMBER: LDSQA6A10940D010TE LAR35FL 6LSQA1H 30°

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|---|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|---|
| RF | 20 | | | | | | | | | 20 | | | | | | | | | 20 | | | | | | | | | 20 | | | | | | | | | |
| RC | 80 | | | | | | | | | 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 | | | | | | | | | | | | | | | | | | | |
| 1 | 112 | 109 | 106 | 104 | 110 | 107 | 104 | 102 | 103 | 101 | 99 | 99 | 97 | 96 | 96 | 94 | 93 | 91 | | | | | | | | | | | | | | | | | | | |
| 2 | 105 | 100 | 95 | 91 | 103 | 98 | 94 | 90 | 95 | 91 | 88 | 92 | 89 | 86 | 89 | 86 | 84 | 82 | | | | | | | | | | | | | | | | | | | |
| 3 | 99 | 91 | 85 | 80 | 96 | 89 | 84 | 80 | 87 | 82 | 78 | 84 | 80 | 77 | 82 | 79 | 76 | 74 | | | | | | | | | | | | | | | | | | | |
| 4 | 92 | 83 | 76 | 71 | 90 | 82 | 76 | 71 | 79 | 74 | 70 | 77 | 73 | 69 | 75 | 71 | 68 | 66 | | | | | | | | | | | | | | | | | | | |
| 5 | 86 | 76 | 69 | 64 | 84 | 75 | 68 | 63 | 73 | 67 | 63 | 71 | 66 | 62 | 69 | 65 | 61 | 60 | | | | | | | | | | | | | | | | | | | |
| 6 | 80 | 69 | 62 | 57 | 78 | 68 | 62 | 57 | 67 | 61 | 56 | 65 | 60 | 56 | 64 | 59 | 55 | 54 | | | | | | | | | | | | | | | | | | | |
| 7 | 75 | 64 | 56 | 51 | 73 | 63 | 56 | 51 | 61 | 55 | 51 | 60 | 55 | 50 | 59 | 54 | 50 | 48 | | | | | | | | | | | | | | | | | | | |
| 8 | 70 | 58 | 51 | 46 | 68 | 58 | 51 | 46 | 56 | 50 | 46 | 55 | 50 | 46 | 54 | 49 | 45 | 44 | | | | | | | | | | | | | | | | | | | |
| 9 | 65 | 54 | 47 | 42 | 64 | 53 | 46 | 42 | 52 | 46 | 41 | 51 | 45 | 41 | 50 | 45 | 41 | 39 | | | | | | | | | | | | | | | | | | | |
| 10 | 61 | 49 | 42 | 38 | 60 | 49 | 42 | 38 | 48 | 42 | 38 | 47 | 42 | 37 | 46 | 41 | 37 | 36 | | | | | | | | | | | | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|--------|------|------|
| 0° | 3612 | 3612 | 3612 |
| 5° | 8851 | 3445 | 1902 |
| 10° | 44857 | 2855 | 1390 |
| 15° | 100903 | 2166 | 1105 |
| 20° | 134762 | 1521 | 930 |
| 25° | 165575 | 1064 | 812 |
| 30° | 168151 | 731 | 746 |
| 35° | 172044 | 457 | 662 |
| 40° | 157987 | 275 | 607 |
| 45° | 133044 | 189 | 554 |
| 50° | 54417 | 161 | 489 |
| 55° | 2650 | 158 | 368 |
| 60° | 146 | 146 | 241 |
| 65° | 31 | 173 | 214 |
| 70° | 38 | 214 | 214 |
| 75° | 0 | 349 | 233 |
| 80° | 0 | 521 | 248 |
| 85° | 0 | 1037 | 346 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 12.9 | 1.2 |
| 10°-20° | 139.6 | 13.2 |
| 20°-30° | 321.6 | 30.4 |
| 30°-40° | 353.6 | 33.5 |
| 40°-50° | 207.4 | 19.6 |
| 50°-60° | 16.9 | 1.6 |
| 60°-70° | 1.7 | 0.2 |
| 70°-80° | 1.4 | 0.1 |
| 80°-90° | 1.1 | 0.1 |
| 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° | 474.1 | 44.9 |
| 0°-40° | 827.7 | 78.4 |
| 0°-60° | 1052.0 | 99.6 |
| 0°-90° | 1056.3 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1056.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|-----|------|------|------|
| 0° | 84 | 84 | 84 | 84 | 84 | |
| 5° | 205 | 141 | 80 | 49 | 44 | 43 |
| 15° | 2264 | 740 | 49 | 27 | 25 | 639 |
| 25° | 3485 | 1090 | 22 | 15 | 17 | 1562 |
| 35° | 3273 | 392 | 9 | 9 | 13 | 1994 |
| 45° | 2185 | 44 | 3 | 6 | 9 | 1513 |
| 55° | 35 | 2 | 2 | 4 | 5 | 141 |
| 65° | 0 | 1 | 2 | 2 | 2 | 0 |
| 75° | 0 | 1 | 2 | 2 | 1 | 0 |
| 85° | 0 | 1 | 2 | 1 | 1 | 0 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P208883

CATALOG NUMBER: LDSQA6A10940D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (FULL):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 25° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| 2.5° | 129.3 | 126.5 | 125.8 | 125.4 | 123.4 | 124.4 | 125.1 | 123.4 | 123.4 | 123.4 | 119.5 |
| 5° | 204.8 | 197.1 | 196.0 | 194.3 | 189.0 | 189.0 | 189.7 | 185.2 | 183.5 | 177.2 | 171.6 |
| 7.5° | 420.0 | 391.0 | 404.6 | 397.0 | 375.6 | 368.7 | 367.3 | 348.0 | 336.2 | 312.4 | 290.7 |
| 10° | 1026.0 | 961.0 | 980.9 | 959.9 | 910.3 | 878.8 | 878.8 | 825.0 | 784.8 | 714.3 | 643.0 |
| 11° | 1281.7 | 1241.2 | 1261.5 | 1237.0 | 1178.7 | 1139.9 | 1138.8 | 1075.6 | 1026.3 | 939.3 | 850.5 |
| 12° | 1588.2 | 1526.0 | 1513.1 | 1519.0 | 1453.7 | 1409.3 | 1404.0 | 1334.5 | 1278.9 | 1178.3 | 1077.0 |
| 13° | 1869.1 | 1827.2 | 1783.2 | 1786.0 | 1717.5 | 1672.1 | 1660.9 | 1587.8 | 1529.1 | 1420.1 | 1307.9 |
| 14° | 2077.8 | 2054.3 | 2016.3 | 2012.1 | 1950.2 | 1904.4 | 1890.8 | 1816.4 | 1754.9 | 1645.2 | 1527.4 |
| 15° | 2263.7 | 2241.6 | 2205.7 | 2196.2 | 2136.8 | 2090.3 | 2074.6 | 1997.0 | 1934.1 | 1830.7 | 1716.8 |
| 17.5° | 2632.3 | 2618.0 | 2604.0 | 2566.3 | 2521.2 | 2453.4 | 2431.4 | 2341.2 | 2259.5 | 2166.2 | 2041.8 |
| 20° | 2941.2 | 2922.0 | 2892.7 | 2861.9 | 2804.9 | 2731.6 | 2716.2 | 2607.5 | 2521.9 | 2428.9 | 2283.6 |
| 21° | 3054.1 | 3035.2 | 3003.8 | 2968.5 | 2903.8 | 2826.3 | 2804.9 | 2690.3 | 2600.2 | 2503.7 | 2355.9 |
| 22° | 3167.0 | 3149.1 | 3117.0 | 3072.3 | 3000.6 | 2913.6 | 2881.8 | 2760.9 | 2665.9 | 2559.6 | 2411.1 |
| 23° | 3306.7 | 3264.8 | 3229.9 | 3175.0 | 3090.8 | 2992.2 | 2949.3 | 2818.9 | 2719.0 | 2608.2 | 2456.9 |
| 24° | 3417.5 | 3374.9 | 3334.0 | 3267.3 | 3172.2 | 3062.8 | 3008.0 | 2869.2 | 2767.2 | 2647.3 | 2494.6 |
| 25° | 3485.3 | 3463.3 | 3420.3 | 3344.5 | 3241.4 | 3121.9 | 3057.6 | 2910.5 | 2799.0 | 2680.2 | 2525.7 |
| 26° | 3533.9 | 3510.8 | 3473.8 | 3394.4 | 3295.9 | 3174.3 | 3096.0 | 2945.1 | 2829.8 | 2701.5 | 2546.4 |
| 27° | 3532.1 | 3518.1 | 3487.0 | 3417.2 | 3334.3 | 3210.6 | 3128.2 | 2968.1 | 2845.8 | 2712.3 | 2554.4 |
| 28° | 3485.3 | 3485.3 | 3471.3 | 3414.7 | 3343.4 | 3226.7 | 3139.7 | 2972.3 | 2847.6 | 2709.9 | 2549.2 |
| 29° | 3442.7 | 3431.8 | 3434.6 | 3390.3 | 3329.5 | 3215.5 | 3131.3 | 2960.1 | 2834.6 | 2694.2 | 2533.4 |
| 30° | 3382.2 | 3379.1 | 3391.3 | 3355.7 | 3305.3 | 3191.8 | 3104.4 | 2934.6 | 2809.1 | 2668.3 | 2508.3 |
| 31° | 3344.5 | 3336.1 | 3348.0 | 3318.3 | 3263.1 | 3146.7 | 3063.5 | 2897.9 | 2775.6 | 2635.1 | 2477.5 |
| 32° | 3316.2 | 3306.0 | 3320.0 | 3281.6 | 3221.5 | 3106.5 | 3017.8 | 2857.7 | 2731.9 | 2598.4 | 2438.4 |
| 33° | 3299.1 | 3295.9 | 3301.1 | 3249.1 | 3171.9 | 3052.0 | 2971.6 | 2814.7 | 2690.0 | 2557.2 | 2395.4 |
| 34° | 3295.9 | 3289.3 | 3280.2 | 3205.4 | 3121.9 | 3000.3 | 2919.6 | 2766.9 | 2644.9 | 2508.6 | 2343.0 |
| 35° | 3273.2 | 3258.5 | 3237.9 | 3144.9 | 3051.3 | 2934.9 | 2858.8 | 2711.6 | 2588.3 | 2450.6 | 2278.0 |
| 36° | 3214.5 | 3189.7 | 3167.3 | 3070.5 | 2973.4 | 2864.7 | 2793.1 | 2649.1 | 2526.1 | 2383.9 | 2203.6 |
| 37° | 3101.6 | 3093.2 | 3066.0 | 2983.5 | 2894.7 | 2790.3 | 2721.1 | 2583.7 | 2456.6 | 2307.3 | 2120.4 |
| 38° | 3003.8 | 2994.7 | 2969.5 | 2895.1 | 2814.4 | 2714.1 | 2645.3 | 2499.5 | 2378.3 | 2221.4 | 2029.5 |
| 39° | 2904.5 | 2896.5 | 2877.3 | 2796.2 | 2726.0 | 2631.6 | 2562.8 | 2417.1 | 2293.0 | 2126.0 | 1929.3 |
| 40° | 2810.9 | 2802.8 | 2785.4 | 2705.0 | 2635.5 | 2545.7 | 2475.8 | 2327.3 | 2210.5 | 2022.2 | 1814.3 |
| 42.5° | 2572.2 | 2545.0 | 2522.6 | 2445.4 | 2383.2 | 2289.9 | 2214.4 | 2061.7 | 1898.2 | 1698.6 | 1490.0 |
| 45° | 2185.0 | 2151.1 | 2124.6 | 2075.0 | 2007.2 | 1935.2 | 1833.2 | 1668.2 | 1499.1 | 1306.2 | 1022.1 |
| 47.5° | 1364.2 | 1316.7 | 1286.3 | 1229.7 | 1153.5 | 1104.2 | 1077.3 | 990.3 | 875.0 | 789.7 | 573.8 |
| 50° | 812.4 | 777.5 | 752.0 | 669.9 | 611.9 | 539.9 | 471.4 | 344.9 | 276.8 | 209.3 | 173.3 |
| 51° | 584.3 | 555.6 | 540.6 | 472.8 | 428.8 | 377.4 | 329.2 | 240.1 | 193.2 | 146.1 | 120.6 |
| 52° | 338.3 | 316.2 | 315.5 | 271.9 | 254.7 | 233.8 | 199.9 | 158.3 | 135.2 | 105.9 | 90.5 |
| 53° | 157.2 | 144.3 | 146.8 | 126.5 | 119.9 | 117.1 | 116.0 | 92.3 | 90.2 | 79.0 | 66.7 |
| 54° | 70.6 | 64.6 | 60.5 | 58.4 | 56.6 | 57.3 | 58.7 | 53.1 | 51.0 | 49.6 | 45.4 |
| 55° | 35.3 | 32.1 | 30.4 | 32.1 | 28.7 | 29.0 | 30.1 | 28.0 | 27.3 | 27.3 | 26.6 |
| 57.5° | 7.7 | 7.3 | 7.3 | 7.7 | 7.3 | 7.3 | 7.7 | 7.7 | 7.7 | 7.3 | 7.3 |
| 60° | 1.7 | 1.7 | 1.7 | 1.7 | 2.1 | 2.1 | 2.1 | 2.1 | 2.4 | 2.8 | 2.8 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 25° |
|-------|-----|------|-----|------|-----|-------|-----|-------|-----|-------|-----|
| 63° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.7 | 0.7 | 0.7 |
| 64° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.7 | 0.7 |
| 65° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.7 | 0.7 |
| 66° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.7 | 0.7 |
| 67.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.7 | 0.7 |
| 70° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.7 | 0.7 |
| 72.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.7 | 0.7 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.7 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.7 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.7 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.7 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.7 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.7 |
| 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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CATALOG NUMBER: LDSQA6A10940D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

| | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° | 50° | 52.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 0° | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| 2.5° | 119.2 | 116.4 | 116.7 | 114.6 | 113.2 | 112.2 | 113.2 | 110.1 | 109.4 | 106.2 | 104.5 |
| 5° | 170.2 | 163.5 | 161.4 | 156.5 | 151.0 | 148.2 | 147.1 | 141.2 | 138.0 | 132.1 | 128.6 |
| 7.5° | 281.3 | 260.3 | 248.1 | 233.8 | 216.3 | 207.6 | 196.4 | 185.6 | 173.7 | 162.5 | 154.8 |
| 10° | 611.9 | 545.1 | 495.2 | 443.8 | 374.2 | 339.3 | 294.6 | 261.7 | 228.9 | 203.0 | 186.9 |
| 11° | 810.7 | 725.8 | 658.3 | 587.1 | 494.8 | 444.8 | 379.5 | 325.7 | 268.7 | 229.2 | 203.4 |
| 12° | 1026.0 | 924.3 | 841.1 | 748.1 | 635.3 | 568.2 | 486.4 | 415.1 | 335.8 | 275.0 | 230.6 |
| 13° | 1243.0 | 1126.2 | 1030.1 | 917.6 | 789.4 | 703.1 | 606.6 | 518.6 | 419.3 | 341.8 | 277.5 |
| 14° | 1453.0 | 1324.7 | 1218.1 | 1087.5 | 948.4 | 844.2 | 734.5 | 629.0 | 511.9 | 417.6 | 336.9 |
| 15° | 1640.6 | 1505.0 | 1393.6 | 1252.4 | 1106.3 | 985.8 | 862.8 | 740.1 | 618.2 | 498.0 | 401.9 |
| 17.5° | 1963.5 | 1820.9 | 1711.2 | 1562.7 | 1418.4 | 1281.0 | 1140.2 | 980.9 | 830.3 | 681.1 | 567.5 |
| 20° | 2207.8 | 2035.8 | 1904.4 | 1728.7 | 1564.1 | 1409.3 | 1260.4 | 1097.9 | 949.1 | 788.0 | 658.7 |
| 21° | 2270.0 | 2091.7 | 1957.6 | 1781.4 | 1603.9 | 1440.4 | 1283.8 | 1113.3 | 958.9 | 796.4 | 667.8 |
| 22° | 2322.7 | 2143.8 | 2000.2 | 1815.3 | 1634.0 | 1461.0 | 1298.2 | 1118.9 | 958.2 | 790.4 | 661.1 |
| 23° | 2362.9 | 2180.8 | 2034.8 | 1845.0 | 1657.4 | 1476.0 | 1304.8 | 1116.5 | 949.8 | 778.2 | 645.8 |
| 24° | 2401.0 | 2214.7 | 2062.4 | 1863.6 | 1671.0 | 1478.5 | 1301.3 | 1106.7 | 935.8 | 759.7 | 625.1 |
| 25° | 2425.5 | 2237.5 | 2077.4 | 1872.6 | 1671.7 | 1471.8 | 1289.8 | 1090.2 | 914.5 | 734.5 | 598.2 |
| 26° | 2442.9 | 2248.3 | 2082.7 | 1869.5 | 1666.1 | 1458.6 | 1271.6 | 1065.8 | 885.1 | 703.4 | 567.1 |
| 27° | 2445.7 | 2247.6 | 2076.0 | 1858.7 | 1647.6 | 1433.4 | 1242.3 | 1031.5 | 847.4 | 667.4 | 533.2 |
| 28° | 2435.2 | 2234.7 | 2059.2 | 1837.7 | 1621.7 | 1399.9 | 1204.2 | 990.3 | 805.5 | 627.6 | 495.9 |
| 29° | 2416.7 | 2213.0 | 2030.6 | 1803.5 | 1581.2 | 1354.8 | 1158.4 | 942.4 | 758.3 | 582.5 | 454.6 |
| 30° | 2387.4 | 2181.5 | 1993.9 | 1763.3 | 1534.7 | 1303.8 | 1105.3 | 886.5 | 700.6 | 527.3 | 400.8 |
| 31° | 2352.1 | 2141.0 | 1944.3 | 1708.1 | 1476.4 | 1243.7 | 1043.8 | 812.1 | 626.5 | 457.8 | 336.5 |
| 32° | 2306.3 | 2089.6 | 1887.3 | 1646.9 | 1411.0 | 1174.8 | 959.6 | 717.0 | 538.5 | 377.0 | 267.0 |
| 33° | 2255.6 | 2032.7 | 1819.5 | 1567.9 | 1338.4 | 1082.6 | 849.1 | 609.4 | 440.3 | 291.8 | 196.4 |
| 34° | 2193.1 | 1964.5 | 1747.5 | 1487.6 | 1245.0 | 962.7 | 707.3 | 493.4 | 339.0 | 208.6 | 133.5 |
| 35° | 2120.7 | 1885.9 | 1660.2 | 1392.9 | 1119.6 | 824.7 | 575.2 | 392.4 | 242.5 | 139.1 | 97.1 |
| 36° | 2036.5 | 1800.7 | 1567.6 | 1270.2 | 976.7 | 680.4 | 447.6 | 287.6 | 166.0 | 105.9 | 83.5 |
| 37° | 1945.7 | 1705.3 | 1443.5 | 1142.3 | 823.3 | 538.1 | 333.0 | 202.3 | 125.4 | 94.0 | 72.3 |
| 38° | 1843.6 | 1603.6 | 1303.1 | 983.7 | 669.2 | 406.7 | 238.0 | 151.0 | 108.0 | 81.8 | 61.9 |
| 39° | 1730.8 | 1478.1 | 1142.3 | 816.6 | 520.7 | 293.2 | 181.4 | 124.1 | 93.3 | 70.6 | 53.5 |
| 40° | 1605.7 | 1301.3 | 967.2 | 651.7 | 387.2 | 211.4 | 147.8 | 107.3 | 81.4 | 60.5 | 45.4 |
| 42.5° | 1189.1 | 863.1 | 532.2 | 307.5 | 182.8 | 131.7 | 98.2 | 75.5 | 53.5 | 36.3 | 23.4 |
| 45° | 714.6 | 440.6 | 233.4 | 159.7 | 115.7 | 88.4 | 63.2 | 43.7 | 25.5 | 15.7 | 10.8 |
| 47.5° | 319.4 | 184.2 | 130.7 | 103.1 | 74.8 | 52.8 | 30.8 | 18.5 | 11.5 | 8.0 | 5.9 |
| 50° | 124.4 | 101.0 | 77.9 | 59.4 | 36.0 | 21.0 | 13.3 | 8.7 | 5.9 | 4.2 | 2.8 |
| 51° | 96.1 | 78.3 | 60.8 | 43.7 | 24.1 | 14.7 | 9.8 | 6.6 | 4.5 | 3.1 | 2.1 |
| 52° | 73.7 | 60.1 | 45.8 | 29.4 | 16.4 | 11.2 | 7.7 | 4.9 | 3.5 | 2.1 | 1.7 |
| 53° | 54.2 | 46.1 | 31.8 | 20.6 | 11.9 | 8.4 | 5.9 | 3.8 | 2.4 | 1.7 | 1.4 |
| 54° | 37.4 | 31.8 | 20.3 | 12.9 | 8.7 | 6.3 | 4.2 | 2.8 | 1.7 | 1.4 | 1.4 |
| 55° | 22.7 | 19.9 | 13.3 | 9.4 | 6.3 | 4.5 | 3.1 | 2.1 | 1.4 | 1.0 | 1.0 |
| 57.5° | 7.0 | 6.3 | 5.2 | 4.2 | 2.8 | 2.1 | 1.4 | 1.0 | 1.0 | 1.0 | 1.0 |
| 60° | 2.4 | 2.4 | 2.1 | 1.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |



TEST NUMBER: P208883

CATALOG NUMBER: LDSQA6A10940D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

| | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° | 50° | 52.5° |
|-------|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|
| 63° | 0.7 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 64° | 0.7 | 0.7 | 0.7 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 |
| 65° | 0.7 | 0.7 | 0.7 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 |
| 66° | 0.7 | 0.7 | 0.7 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 |
| 67.5° | 0.7 | 0.7 | 0.7 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 |
| 70° | 0.7 | 0.7 | 0.7 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.4 |
| 72.5° | 0.7 | 0.7 | 0.7 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.4 |
| 75° | 0.7 | 0.7 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.4 | 1.4 |
| 77.5° | 0.7 | 0.7 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.4 | 1.4 |
| 80° | 0.7 | 0.7 | 0.7 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.4 | 1.4 |
| 82.5° | 0.7 | 0.7 | 0.7 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.4 | 1.4 |
| 85° | 0.7 | 0.7 | 0.7 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.4 | 1.4 |
| 87.5° | 0.7 | 0.7 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.4 | 1.4 |
| 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: P208883

CATALOG NUMBER: LDSQA6A10940D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

| | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|
| 0° | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| 2.5° | 103.1 | 101.3 | 99.9 | 98.5 | 96.8 | 95.7 | 94.7 | 92.6 | 91.6 | 89.1 | 87.4 |
| 5° | 124.7 | 120.9 | 117.1 | 113.2 | 109.7 | 106.9 | 104.1 | 100.3 | 97.5 | 93.3 | 89.8 |
| 7.5° | 146.4 | 138.7 | 131.7 | 125.8 | 119.5 | 115.0 | 109.7 | 104.1 | 99.2 | 93.6 | 88.4 |
| 10° | 170.9 | 156.5 | 144.7 | 134.2 | 125.1 | 117.8 | 110.8 | 103.1 | 97.1 | 89.8 | 83.9 |
| 11° | 181.4 | 164.2 | 149.6 | 137.0 | 126.5 | 118.1 | 110.1 | 101.7 | 95.0 | 87.7 | 81.1 |
| 12° | 196.7 | 171.6 | 154.5 | 139.8 | 127.2 | 117.8 | 109.0 | 99.9 | 93.0 | 85.3 | 78.6 |
| 13° | 222.6 | 184.9 | 159.3 | 141.5 | 128.2 | 117.1 | 107.3 | 97.5 | 90.2 | 82.1 | 75.1 |
| 14° | 265.6 | 208.3 | 169.5 | 144.7 | 128.2 | 116.4 | 105.2 | 94.7 | 86.7 | 78.6 | 71.6 |
| 15° | 318.0 | 246.4 | 189.0 | 151.3 | 127.9 | 115.0 | 103.1 | 91.9 | 83.2 | 74.8 | 67.1 |
| 17.5° | 452.2 | 356.4 | 272.9 | 200.6 | 146.8 | 112.5 | 95.4 | 82.5 | 73.0 | 63.6 | 56.6 |
| 20° | 532.5 | 423.5 | 329.9 | 246.4 | 177.2 | 123.4 | 88.8 | 72.0 | 61.9 | 53.5 | 46.8 |
| 21° | 542.3 | 432.3 | 336.2 | 251.9 | 180.7 | 124.7 | 86.7 | 67.4 | 57.3 | 48.9 | 43.0 |
| 22° | 539.2 | 429.8 | 333.4 | 248.8 | 177.2 | 121.6 | 82.8 | 63.2 | 53.1 | 45.1 | 39.1 |
| 23° | 523.8 | 416.2 | 320.1 | 236.2 | 167.7 | 114.3 | 77.2 | 58.7 | 48.9 | 41.2 | 35.6 |
| 24° | 501.4 | 393.5 | 299.8 | 217.7 | 151.0 | 101.3 | 69.2 | 53.8 | 44.7 | 37.7 | 33.2 |
| 25° | 474.9 | 367.6 | 274.3 | 196.7 | 131.0 | 87.0 | 60.8 | 48.9 | 40.5 | 34.2 | 30.4 |
| 26° | 445.2 | 339.7 | 247.8 | 173.0 | 110.1 | 73.0 | 53.8 | 44.4 | 36.3 | 30.8 | 27.6 |
| 27° | 413.4 | 309.3 | 219.8 | 147.1 | 91.6 | 62.2 | 48.6 | 39.5 | 32.8 | 28.3 | 25.2 |
| 28° | 379.5 | 278.9 | 189.4 | 122.7 | 75.8 | 54.5 | 43.7 | 35.3 | 29.4 | 25.5 | 23.1 |
| 29° | 341.4 | 243.2 | 160.0 | 100.3 | 62.5 | 48.2 | 38.8 | 31.4 | 26.6 | 23.4 | 21.3 |
| 30° | 293.5 | 203.0 | 128.2 | 80.7 | 53.8 | 43.0 | 34.6 | 28.3 | 24.1 | 21.7 | 19.6 |
| 31° | 239.0 | 157.9 | 97.5 | 63.9 | 46.8 | 38.1 | 30.8 | 25.5 | 22.0 | 19.9 | 17.8 |
| 32° | 180.7 | 115.0 | 72.7 | 53.1 | 41.2 | 33.5 | 27.3 | 23.1 | 20.3 | 17.8 | 16.4 |
| 33° | 127.2 | 82.1 | 58.7 | 46.1 | 36.0 | 29.4 | 24.5 | 21.0 | 18.5 | 16.1 | 14.7 |
| 34° | 87.4 | 66.0 | 51.0 | 39.8 | 31.4 | 26.2 | 22.0 | 18.9 | 16.4 | 14.3 | 12.9 |
| 35° | 73.7 | 57.7 | 44.0 | 34.2 | 27.3 | 23.1 | 19.6 | 16.8 | 14.3 | 12.6 | 11.2 |
| 36° | 63.6 | 50.0 | 37.7 | 30.1 | 23.8 | 19.9 | 17.1 | 14.3 | 12.2 | 10.5 | 9.8 |
| 37° | 54.9 | 43.0 | 32.5 | 25.9 | 20.3 | 16.8 | 14.0 | 11.9 | 10.5 | 9.1 | 8.4 |
| 38° | 47.5 | 36.3 | 27.6 | 22.0 | 16.8 | 13.6 | 11.5 | 9.8 | 8.7 | 7.7 | 7.0 |
| 39° | 40.5 | 30.4 | 22.4 | 17.5 | 13.3 | 11.2 | 9.4 | 8.4 | 7.3 | 6.6 | 5.9 |
| 40° | 33.5 | 24.1 | 17.1 | 13.6 | 10.5 | 9.1 | 7.7 | 7.0 | 5.9 | 5.6 | 5.2 |
| 42.5° | 15.7 | 11.5 | 9.1 | 7.7 | 6.3 | 5.6 | 4.9 | 4.2 | 3.8 | 3.5 | 3.5 |
| 45° | 8.0 | 6.6 | 4.9 | 4.2 | 3.5 | 3.1 | 2.8 | 2.4 | 2.4 | 2.4 | 2.4 |
| 47.5° | 4.2 | 3.1 | 2.4 | 2.1 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| 50° | 2.1 | 1.4 | 1.4 | 1.4 | 1.0 | 1.4 | 1.4 | 1.4 | 1.4 | 1.7 | 1.7 |
| 51° | 1.4 | 1.4 | 1.0 | 1.0 | 1.0 | 1.4 | 1.4 | 1.4 | 1.4 | 1.7 | 1.7 |
| 52° | 1.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.4 | 1.4 | 1.4 | 1.7 | 1.7 |
| 53° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.4 | 1.4 | 1.7 | 1.7 |
| 54° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.4 | 1.4 | 1.7 | 1.7 |
| 55° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.4 | 1.4 | 1.4 | 1.7 |
| 57.5° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.7 |
| 60° | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.7 |



TEST NUMBER: P208883

CATALOG NUMBER: LDSQA6A10940D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

| | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 63° | 1.0 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.7 |
| 64° | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.7 |
| 65° | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.7 |
| 66° | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.7 | 1.7 |
| 67.5° | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.7 | 1.7 |
| 70° | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| 72.5° | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| 75° | 1.4 | 1.4 | 1.4 | 1.4 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| 77.5° | 1.4 | 1.4 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| 80° | 1.4 | 1.4 | 1.4 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| 82.5° | 1.4 | 1.4 | 1.4 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| 85° | 1.4 | 1.4 | 1.4 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| 87.5° | 1.4 | 1.4 | 1.4 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| 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: P208883

CATALOG NUMBER: LDSQA6A10940D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|------|-------|------|--------|------|--------|------|
| 0° | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| 2.5° | 87.4 | 84.2 | 84.6 | 82.8 | 69.2 | 61.9 | 58.0 | 55.2 |
| 5° | 88.1 | 83.5 | 82.5 | 79.7 | 57.7 | 49.3 | 45.8 | 44.0 |
| 7.5° | 85.6 | 79.7 | 77.6 | 73.7 | 48.9 | 41.2 | 38.4 | 37.0 |
| 10° | 80.0 | 73.4 | 69.9 | 65.3 | 41.9 | 35.6 | 32.8 | 31.8 |
| 11° | 77.2 | 70.2 | 66.7 | 62.2 | 39.5 | 33.5 | 31.1 | 30.1 |
| 12° | 74.1 | 66.7 | 63.6 | 58.7 | 37.0 | 31.4 | 29.4 | 28.3 |
| 13° | 70.6 | 63.2 | 60.1 | 55.6 | 34.6 | 29.7 | 28.0 | 26.9 |
| 14° | 66.4 | 59.8 | 56.6 | 52.4 | 32.5 | 28.0 | 26.6 | 25.9 |
| 15° | 62.5 | 56.3 | 52.8 | 48.6 | 30.8 | 26.6 | 25.5 | 24.8 |
| 17.5° | 52.4 | 46.8 | 44.0 | 40.5 | 25.9 | 22.7 | 22.7 | 22.4 |
| 20° | 43.0 | 38.1 | 36.0 | 33.2 | 21.7 | 19.9 | 20.3 | 20.3 |
| 21° | 39.5 | 35.3 | 33.2 | 30.8 | 20.6 | 18.9 | 19.6 | 19.6 |
| 22° | 36.0 | 32.1 | 30.8 | 28.3 | 19.2 | 17.8 | 18.9 | 18.9 |
| 23° | 33.2 | 29.4 | 28.3 | 26.2 | 17.8 | 17.1 | 18.2 | 18.2 |
| 24° | 30.4 | 27.3 | 25.9 | 24.1 | 16.8 | 16.1 | 17.5 | 17.8 |
| 25° | 28.0 | 24.8 | 23.8 | 22.4 | 15.7 | 15.4 | 16.8 | 17.1 |
| 26° | 25.5 | 22.7 | 22.0 | 20.6 | 14.7 | 14.7 | 16.1 | 16.8 |
| 27° | 23.4 | 21.3 | 20.3 | 18.9 | 13.6 | 14.0 | 15.7 | 16.1 |
| 28° | 21.7 | 19.6 | 18.5 | 17.5 | 12.6 | 13.3 | 15.0 | 15.7 |
| 29° | 19.9 | 17.8 | 17.1 | 16.1 | 11.9 | 12.6 | 14.3 | 15.4 |
| 30° | 18.2 | 16.4 | 15.7 | 14.7 | 11.2 | 11.9 | 14.0 | 15.0 |
| 31° | 16.8 | 15.0 | 14.3 | 13.3 | 10.5 | 11.5 | 13.3 | 14.3 |
| 32° | 15.0 | 13.6 | 12.9 | 12.2 | 9.8 | 10.8 | 12.9 | 14.0 |
| 33° | 13.6 | 11.9 | 11.5 | 10.8 | 9.4 | 10.5 | 12.6 | 13.3 |
| 34° | 11.9 | 10.5 | 10.1 | 9.8 | 8.7 | 9.8 | 11.9 | 12.9 |
| 35° | 10.1 | 9.4 | 9.1 | 8.7 | 8.0 | 9.4 | 11.5 | 12.6 |
| 36° | 9.1 | 8.0 | 8.0 | 7.7 | 7.7 | 9.1 | 11.2 | 12.2 |
| 37° | 7.7 | 7.3 | 7.0 | 7.0 | 7.0 | 8.4 | 10.5 | 11.9 |
| 38° | 6.6 | 6.3 | 6.3 | 6.3 | 6.6 | 8.0 | 10.1 | 11.5 |
| 39° | 5.6 | 5.6 | 5.6 | 5.6 | 6.3 | 7.7 | 9.8 | 11.2 |
| 40° | 4.9 | 4.9 | 4.9 | 4.9 | 5.9 | 7.3 | 9.4 | 10.8 |
| 42.5° | 3.5 | 3.5 | 3.5 | 3.8 | 4.9 | 6.6 | 8.4 | 10.1 |
| 45° | 2.8 | 2.8 | 2.8 | 3.1 | 4.5 | 5.9 | 7.7 | 9.1 |
| 47.5° | 2.1 | 2.1 | 2.4 | 2.8 | 3.8 | 5.2 | 7.0 | 8.4 |
| 50° | 1.7 | 2.1 | 2.1 | 2.4 | 3.5 | 4.9 | 5.9 | 7.3 |
| 51° | 1.7 | 1.7 | 2.1 | 2.1 | 3.1 | 4.5 | 5.6 | 7.0 |
| 52° | 1.7 | 1.7 | 2.1 | 2.1 | 3.1 | 4.2 | 5.6 | 6.3 |
| 53° | 1.7 | 1.7 | 2.1 | 2.1 | 3.1 | 4.2 | 5.2 | 5.9 |
| 54° | 1.7 | 1.7 | 2.1 | 2.1 | 2.8 | 3.8 | 4.9 | 5.6 |
| 55° | 1.7 | 1.7 | 2.1 | 2.1 | 2.8 | 3.8 | 4.9 | 4.9 |
| 57.5° | 1.7 | 1.7 | 1.7 | 2.1 | 2.4 | 3.5 | 4.2 | 4.2 |
| 60° | 1.7 | 1.7 | 1.7 | 1.7 | 2.4 | 3.1 | 3.8 | 2.8 |



TEST NUMBER: P208883

CATALOG NUMBER: LDSQA6A10940D010TE LAR35FL 6LSQA1H 30°

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|-------|-----|--------|------|--------|------|
| 63° | 1.7 | 1.7 | 1.7 | 1.7 | 2.1 | 2.8 | 3.1 | 2.1 |
| 64° | 1.7 | 1.7 | 1.7 | 2.1 | 2.1 | 2.8 | 2.8 | 2.1 |
| 65° | 1.7 | 1.7 | 1.7 | 1.7 | 2.1 | 2.4 | 2.8 | 2.1 |
| 66° | 1.7 | 1.7 | 1.7 | 1.7 | 2.1 | 2.4 | 2.4 | 2.1 |
| 67.5° | 1.7 | 1.7 | 1.7 | 1.7 | 2.1 | 2.4 | 2.4 | 1.7 |
| 70° | 1.7 | 1.7 | 1.7 | 1.7 | 2.1 | 2.1 | 2.1 | 1.7 |
| 72.5° | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 2.1 | 1.7 | 1.4 |
| 75° | 1.7 | 1.7 | 2.1 | 2.1 | 1.7 | 1.7 | 1.4 | 1.4 |
| 77.5° | 1.7 | 1.7 | 2.1 | 2.1 | 1.7 | 1.7 | 1.4 | 1.0 |
| 80° | 1.7 | 1.7 | 2.1 | 2.1 | 1.7 | 1.4 | 1.0 | 1.0 |
| 82.5° | 1.7 | 1.7 | 2.1 | 2.1 | 1.7 | 1.4 | 1.0 | 0.7 |
| 85° | 1.7 | 1.7 | 2.1 | 2.1 | 1.7 | 1.4 | 0.7 | 0.7 |
| 87.5° | 1.7 | 1.7 | 2.1 | 2.1 | 1.7 | 1.0 | 0.7 | 0.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



Report Generated By E9808895 / USPTCWHP6082093





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







| | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 61° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.4 | 1.4 | 1.7 | 1.7 |
| 62° | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 1.0 | 1.0 | 1.0 |





| | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 61° | 1.7 | 1.7 | 1.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 62° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |





| | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 61° | 1.0 | 1.0 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.7 |
| 62° | 1.0 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.7 |





| | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 61° | 1.7 | 1.7 | 1.7 | 1.7 | 2.4 | 3.1 | 3.5 | 2.4 |
| 62° | 1.7 | 1.7 | 1.7 | 1.7 | 2.4 | 3.1 | 3.1 | 2.4 |



(END OF REPORT)