

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: P315337

Luminaire Tested: **LDA2B10FL9030D010 PIN1MB**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P315337
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1808-908-15)
Test Lab: INNOVATION CENTER(G2)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: io LED
Catalog Number: LDA2B10FL9030D010 PIN1MB
Description: PORTFOLIO 2IN ADJ 1000 LUMEN LED LUMINAIRE WITH FLOOD OPTIC AND 2in Adj PinHole, Black oculus black finish
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 698.1 lumens
Efficiency: N/A
Efficacy: 69.8 lumens/watt
Spacing Criteria (0/90/45): 2.92 / 0.6 / 1.34
Luminous Opening: Circular (Dia: 0.17' x H: 0')
CIE Type: Direct

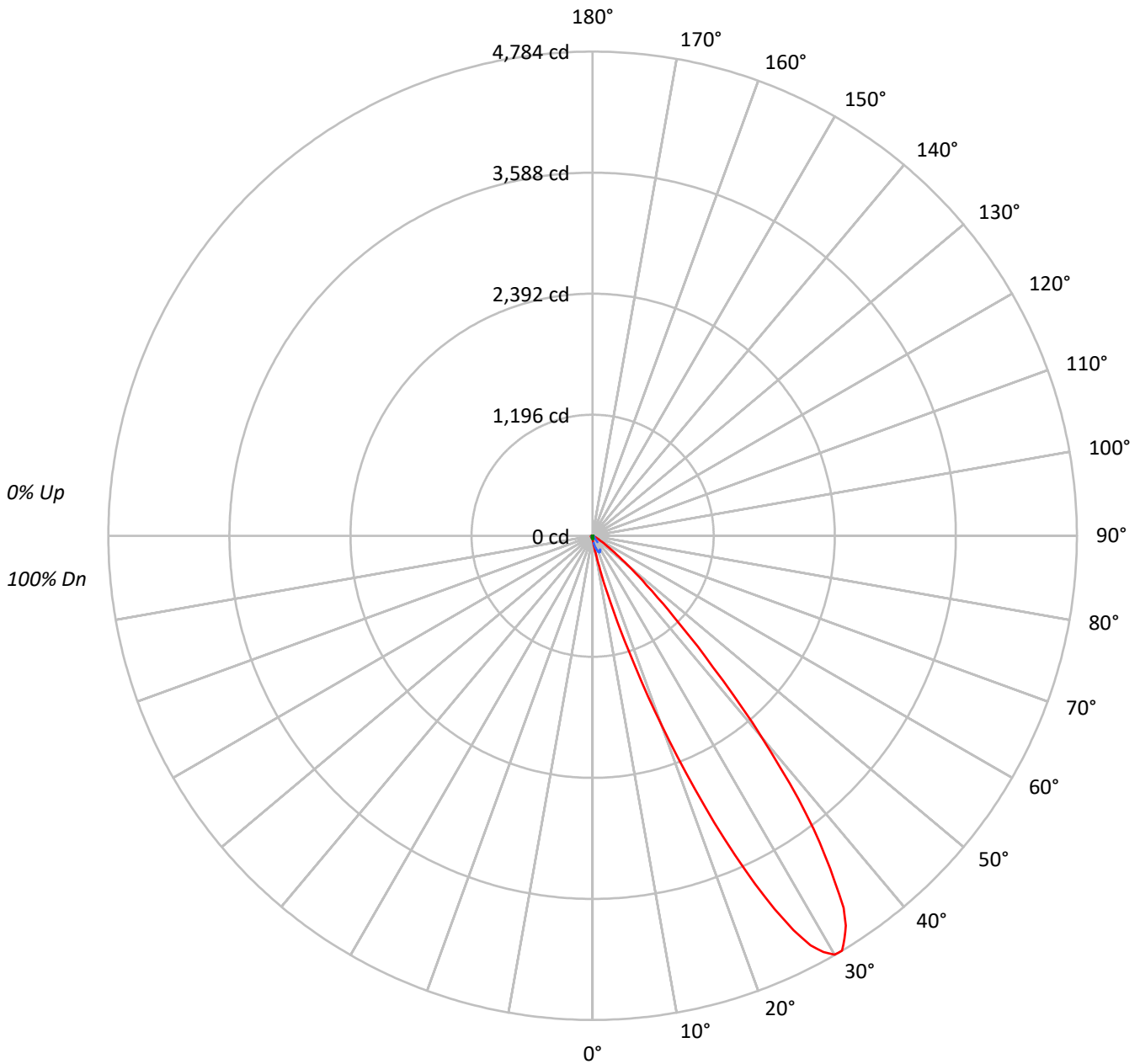
Input Watts (W): 10
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P315337

CATALOG NUMBER: LDA2B10FL9030D010 PIN1MB

Luminous Intensity Polar Plot





TEST NUMBER: P315337

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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 | 108 | 105 | 102 | 109 | 106 | 103 | 101 | 102 | 100 | 97 | 98 | 96 | 95 | 95 | 93 | 92 | 90 | | | | | 90 | | | |
| 2 | 104 | 98 | 93 | 89 | 102 | 96 | 92 | 88 | 93 | 89 | 86 | 90 | 87 | 84 | 87 | 84 | 82 | 80 | | | | | 80 | | | |
| 3 | 97 | 89 | 82 | 77 | 95 | 87 | 82 | 77 | 85 | 80 | 75 | 82 | 78 | 74 | 80 | 76 | 73 | 71 | | | | | 71 | | | |
| 4 | 90 | 81 | 74 | 68 | 88 | 79 | 73 | 68 | 77 | 71 | 67 | 75 | 70 | 66 | 73 | 69 | 65 | 63 | | | | | 63 | | | |
| 5 | 84 | 73 | 66 | 60 | 82 | 72 | 65 | 60 | 70 | 64 | 59 | 68 | 63 | 59 | 67 | 62 | 58 | 56 | | | | | 56 | | | |
| 6 | 78 | 67 | 59 | 53 | 76 | 66 | 58 | 53 | 64 | 58 | 53 | 62 | 57 | 52 | 61 | 56 | 52 | 50 | | | | | 50 | | | |
| 7 | 72 | 61 | 53 | 48 | 71 | 60 | 53 | 47 | 58 | 52 | 47 | 57 | 51 | 47 | 56 | 51 | 47 | 45 | | | | | 45 | | | |
| 8 | 67 | 55 | 48 | 43 | 66 | 55 | 47 | 42 | 53 | 47 | 42 | 52 | 46 | 42 | 51 | 46 | 42 | 40 | | | | | 40 | | | |
| 9 | 63 | 51 | 43 | 38 | 61 | 50 | 43 | 38 | 49 | 42 | 38 | 48 | 42 | 38 | 47 | 41 | 37 | 36 | | | | | 36 | | | |
| 10 | 59 | 46 | 39 | 34 | 57 | 46 | 39 | 34 | 45 | 38 | 34 | 44 | 38 | 34 | 43 | 38 | 34 | 32 | | | | | 32 | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|---------|-------|-------|
| 0° | 14653 | 14653 | 14653 |
| 5° | 32785 | 15155 | 11836 |
| 10° | 87670 | 9418 | 3357 |
| 15° | 345124 | 12207 | 7917 |
| 20° | 1044117 | 7455 | 6143 |
| 25° | 2066244 | 6369 | 5444 |
| 30° | 2722639 | 3817 | 6665 |
| 35° | 2512305 | 5541 | 8071 |
| 40° | 1673404 | 4830 | 11077 |
| 45° | 789329 | 1744 | 4675 |
| 50° | 348000 | 6447 | 14430 |
| 55° | 141495 | 0 | 14795 |
| 60° | 58710 | 4144 | 13222 |
| 65° | 20079 | 4903 | 9806 |
| 70° | 16877 | 9665 | 24811 |
| 75° | 9531 | 14297 | 32787 |
| 80° | 0 | 7103 | 14206 |
| 85° | 9623 | 9623 | 47550 |



TEST NUMBER: P315337

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 4.0 | 0.6 |
| 10°-20° | 42.7 | 6.1 |
| 20°-30° | 219.6 | 31.5 |
| 30°-40° | 281.2 | 40.3 |
| 40°-50° | 108.1 | 15.5 |
| 50°-60° | 22.0 | 3.1 |
| 60°-70° | 7.5 | 1.1 |
| 70°-80° | 8.7 | 1.2 |
| 80°-90° | 4.4 | 0.6 |
| 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° | 266.3 | 38.1 |
| 0°-40° | 547.5 | 78.4 |
| 0°-60° | 677.6 | 97.1 |
| 0°-90° | 698.1 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 698.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0° | 30 | 30 | 30 | 30 | 30 | |
| 5° | 66 | 54 | 31 | 22 | 24 | 10 |
| 15° | 676 | 132 | 24 | 14 | 16 | 259 |
| 25° | 3796 | 172 | 12 | 9 | 10 | 1733 |
| 35° | 4171 | 89 | 9 | 8 | 13 | 2493 |
| 45° | 1131 | 22 | 2 | 2 | 7 | 972 |
| 55° | 164 | 4 | 0 | 3 | 17 | 170 |
| 65° | 17 | 6 | 4 | 6 | 8 | 24 |
| 75° | 5 | 9 | 8 | 13 | 17 | 7 |
| 85° | 2 | 6 | 2 | 7 | 8 | 1 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P315337

CATALOG NUMBER: LDA2B10FL9030D010 PIN1MB

CANDELA DISTRIBUTION (FULL):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 22.5° | 45° | 67.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 0° | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 |
| 2.5° | 44.0 | 38.1 | 39.8 | 33.9 | 37.3 | 38.1 | 31.4 | 41.4 | 37.3 | 38.9 | 33.9 |
| 5° | 66.2 | 71.2 | 65.3 | 62.8 | 61.1 | 62.8 | 61.1 | 63.6 | 62.0 | 54.4 | 38.9 |
| 7.5° | 110.5 | 100.9 | 100.9 | 97.6 | 100.1 | 99.2 | 95.0 | 97.6 | 91.7 | 66.2 | 44.8 |
| 10° | 175.0 | 165.4 | 164.5 | 162.0 | 161.2 | 153.7 | 149.5 | 146.1 | 134.0 | 78.3 | 40.6 |
| 12.5° | 342.9 | 334.5 | 328.7 | 314.0 | 304.0 | 298.1 | 275.9 | 264.2 | 229.4 | 116.4 | 51.9 |
| 15° | 675.7 | 632.6 | 643.5 | 596.2 | 561.4 | 538.4 | 492.4 | 451.8 | 368.4 | 131.5 | 50.2 |
| 17.5° | 1195.7 | 1153.9 | 1125.8 | 1074.3 | 1003.6 | 942.4 | 851.6 | 761.6 | 592.0 | 149.5 | 46.9 |
| 20° | 1988.7 | 1922.6 | 1864.0 | 1775.6 | 1639.5 | 1521.9 | 1362.0 | 1189.9 | 881.3 | 170.8 | 42.3 |
| 21° | 2337.1 | 2286.0 | 2218.2 | 2101.8 | 1943.1 | 1785.7 | 1593.9 | 1386.7 | 1004.4 | 172.5 | 38.1 |
| 22° | 2700.5 | 2667.4 | 2578.2 | 2444.7 | 2259.6 | 2072.0 | 1836.7 | 1609.0 | 1135.5 | 175.0 | 36.4 |
| 23° | 3079.0 | 3044.2 | 2943.3 | 2790.5 | 2582.4 | 2355.5 | 2081.2 | 1811.2 | 1258.5 | 178.4 | 35.6 |
| 24° | 3449.5 | 3411.0 | 3298.3 | 3127.5 | 2891.4 | 2630.6 | 2320.7 | 2007.6 | 1373.3 | 176.7 | 37.3 |
| 25° | 3795.7 | 3742.1 | 3623.2 | 3434.0 | 3174.8 | 2882.2 | 2540.5 | 2177.1 | 1474.2 | 171.7 | 31.4 |
| 26° | 4104.7 | 4043.6 | 3915.5 | 3709.1 | 3425.6 | 3108.7 | 2723.9 | 2334.5 | 1548.7 | 167.5 | 29.7 |
| 27° | 4373.1 | 4296.1 | 4159.1 | 3942.7 | 3638.7 | 3288.7 | 2880.5 | 2457.6 | 1614.4 | 161.2 | 23.9 |
| 28° | 4582.0 | 4493.7 | 4354.7 | 4126.1 | 3804.9 | 3429.0 | 2995.6 | 2534.7 | 1653.4 | 162.0 | 27.2 |
| 29° | 4702.6 | 4634.8 | 4483.6 | 4244.1 | 3906.3 | 3509.8 | 3056.3 | 2577.4 | 1660.9 | 149.5 | 25.5 |
| 30° | 4779.2 | 4703.4 | 4548.1 | 4297.7 | 3945.2 | 3528.2 | 3063.9 | 2569.4 | 1638.7 | 140.3 | 23.9 |
| 31° | 4784.2 | 4705.1 | 4547.3 | 4288.1 | 3930.1 | 3497.6 | 3022.0 | 2522.1 | 1590.6 | 130.6 | 19.7 |
| 32° | 4694.2 | 4633.1 | 4477.8 | 4210.2 | 3848.5 | 3413.5 | 2932.0 | 2442.1 | 1514.8 | 111.4 | 13.4 |
| 33° | 4592.5 | 4518.4 | 4363.9 | 4093.8 | 3735.4 | 3298.3 | 2802.2 | 2334.5 | 1436.1 | 109.7 | 17.2 |
| 34° | 4434.2 | 4345.0 | 4193.1 | 3927.2 | 3578.4 | 3134.2 | 2647.7 | 2190.9 | 1335.6 | 100.1 | 16.3 |
| 35° | 4171.3 | 4123.6 | 3969.9 | 3707.4 | 3368.7 | 2937.4 | 2461.8 | 2033.1 | 1228.8 | 89.2 | 11.7 |
| 36° | 3907.9 | 3849.3 | 3704.0 | 3450.3 | 3129.2 | 2703.0 | 2252.1 | 1853.1 | 1108.2 | 75.8 | 9.2 |
| 37° | 3629.5 | 3552.9 | 3420.6 | 3172.3 | 2837.0 | 2469.4 | 2050.7 | 1681.4 | 1009.9 | 80.0 | 12.6 |
| 38° | 3305.0 | 3279.5 | 3105.3 | 2874.2 | 2564.4 | 2217.3 | 1834.2 | 1500.5 | 901.0 | 74.5 | 20.5 |
| 39° | 2948.3 | 2931.2 | 2757.4 | 2546.8 | 2268.8 | 1949.8 | 1612.7 | 1313.0 | 792.1 | 54.4 | 6.7 |
| 40° | 2598.3 | 2549.3 | 2426.2 | 2234.9 | 1992.9 | 1706.1 | 1414.7 | 1153.0 | 697.9 | 53.6 | 13.4 |
| 42.5° | 1761.0 | 1776.4 | 1643.3 | 1506.4 | 1351.1 | 1156.4 | 962.1 | 790.5 | 488.2 | 39.8 | 8.4 |
| 45° | 1131.3 | 1134.6 | 1075.2 | 968.8 | 867.1 | 745.7 | 617.5 | 514.6 | 314.8 | 22.2 | 2.5 |
| 47.5° | 720.1 | 718.5 | 680.4 | 619.2 | 552.7 | 481.5 | 401.5 | 336.2 | 203.9 | 17.2 | 7.5 |
| 50° | 453.4 | 451.8 | 427.9 | 389.0 | 351.7 | 304.8 | 254.6 | 216.5 | 129.0 | 20.5 | 8.4 |
| 51° | 368.4 | 370.9 | 350.9 | 311.5 | 282.6 | 237.8 | 203.1 | 172.5 | 100.9 | 14.2 | 7.5 |
| 52° | 304.0 | 302.3 | 289.7 | 256.6 | 232.8 | 194.3 | 165.4 | 141.1 | 84.2 | 12.6 | 3.3 |
| 53° | 244.5 | 245.3 | 232.8 | 207.2 | 184.2 | 155.3 | 132.3 | 109.7 | 60.3 | 9.2 | 2.5 |
| 54° | 193.4 | 191.8 | 187.6 | 162.9 | 148.6 | 123.1 | 103.4 | 84.2 | 51.9 | 1.7 | 0.0 |
| 55° | 164.5 | 162.0 | 156.2 | 134.8 | 120.6 | 101.7 | 82.5 | 72.0 | 44.8 | 4.2 | 0.0 |
| 57.5° | 95.0 | 95.0 | 91.7 | 80.0 | 70.3 | 62.8 | 50.2 | 46.9 | 23.0 | 4.2 | 0.0 |
| 60° | 59.5 | 51.9 | 57.8 | 49.4 | 38.9 | 34.8 | 28.9 | 26.4 | 19.7 | 7.5 | 1.7 |
| 61° | 49.4 | 39.8 | 38.9 | 36.4 | 33.9 | 23.0 | 19.7 | 21.4 | 12.6 | 2.5 | 1.7 |
| 62° | 35.6 | 31.4 | 33.9 | 28.9 | 25.5 | 18.0 | 16.3 | 15.5 | 7.5 | 3.3 | 4.2 |
| 63° | 32.2 | 28.9 | 28.1 | 21.4 | 18.8 | 18.8 | 14.2 | 13.4 | 9.2 | 6.7 | 3.3 |



TEST NUMBER: P315337

CATALOG NUMBER: LDA2B10FL9030D010 PIN1MB

CANDELA DISTRIBUTION (continued):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 22.5° | 45° | 67.5° |
|-------|------|------|------|------|-----|-------|-----|-------|-------|------|-------|
| 66° | 17.2 | 14.2 | 12.6 | 14.2 | 8.4 | 10.9 | 4.2 | 11.7 | 2.5 | 4.2 | 2.5 |
| 67.5° | 13.4 | 8.4 | 7.5 | 9.2 | 5.9 | 4.2 | 5.9 | 7.5 | 2.5 | 4.2 | 5.9 |
| 70° | 11.7 | 5.9 | 8.4 | 7.5 | 5.9 | 7.5 | 8.4 | 8.4 | 2.5 | 8.4 | 7.5 |
| 72.5° | 11.7 | 7.5 | 4.2 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 5.0 | 11.7 | 9.2 |
| 75° | 5.0 | 5.0 | 2.5 | 5.9 | 3.3 | 5.0 | 3.3 | 8.4 | 3.3 | 9.2 | 7.5 |
| 77.5° | 3.3 | 4.2 | 0.0 | 4.2 | 0.0 | 0.0 | 2.5 | 5.9 | 2.5 | 6.7 | 8.4 |
| 80° | 0.0 | 4.2 | 2.5 | 0.0 | 1.7 | 2.5 | 0.0 | 0.8 | 1.7 | 7.5 | 3.3 |
| 82.5° | 1.7 | 2.5 | 3.3 | 1.7 | 1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 5.0 | 4.2 |
| 85° | 1.7 | 3.3 | 0.0 | 0.8 | 3.3 | 1.7 | 0.8 | 4.2 | 1.7 | 5.9 | 6.7 |
| 87.5° | 0.0 | 1.7 | 1.7 | 0.0 | 2.5 | 0.0 | 2.5 | 1.7 | 0.0 | 5.0 | 2.5 |
| 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: P315337

CATALOG NUMBER: LDA2B10FL9030D010 PIN1MB

CANDELA DISTRIBUTION (continued):

| | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|------|--------|------|--------|------|
| 0° | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 |
| 2.5° | 25.5 | 23.0 | 19.7 | 24.7 | 20.5 |
| 5° | 30.6 | 28.1 | 22.2 | 26.4 | 23.9 |
| 7.5° | 31.4 | 26.4 | 23.0 | 21.4 | 23.9 |
| 10° | 18.8 | 12.6 | 9.2 | 12.6 | 6.7 |
| 12.5° | 31.4 | 22.2 | 20.5 | 23.0 | 25.5 |
| 15° | 23.9 | 14.2 | 14.2 | 10.9 | 15.5 |
| 17.5° | 13.4 | 10.9 | 10.0 | 13.4 | 15.5 |
| 20° | 14.2 | 9.2 | 7.5 | 12.6 | 11.7 |
| 21° | 12.6 | 3.3 | 10.0 | 10.0 | 11.7 |
| 22° | 18.0 | 8.4 | 10.0 | 16.3 | 17.2 |
| 23° | 11.7 | 9.2 | 7.5 | 10.0 | 13.4 |
| 24° | 17.2 | 10.0 | 9.2 | 12.6 | 18.8 |
| 25° | 11.7 | 9.2 | 9.2 | 11.7 | 10.0 |
| 26° | 6.7 | 9.2 | 6.7 | 10.0 | 8.4 |
| 27° | 5.0 | 8.4 | 5.0 | 7.5 | 10.0 |
| 28° | 10.9 | 13.4 | 12.6 | 13.4 | 11.7 |
| 29° | 11.7 | 14.2 | 11.7 | 18.0 | 13.4 |
| 30° | 6.7 | 12.6 | 5.9 | 13.4 | 11.7 |
| 31° | 6.7 | 9.2 | 4.2 | 13.4 | 11.7 |
| 32° | 0.8 | 5.0 | 2.5 | 5.0 | 5.0 |
| 33° | 5.0 | 5.9 | 6.7 | 10.9 | 8.4 |
| 34° | 8.4 | 10.0 | 6.7 | 11.7 | 10.0 |
| 35° | 9.2 | 5.0 | 7.5 | 12.6 | 13.4 |
| 36° | 2.5 | 2.5 | 4.2 | 10.0 | 3.3 |
| 37° | 5.0 | 14.2 | 10.0 | 17.2 | 10.0 |
| 38° | 8.4 | 17.2 | 16.3 | 21.4 | 17.2 |
| 39° | 1.7 | 5.0 | 5.9 | 11.7 | 11.7 |
| 40° | 7.5 | 12.6 | 9.2 | 17.2 | 17.2 |
| 42.5° | 5.9 | 9.2 | 6.7 | 14.2 | 11.7 |
| 45° | 2.5 | 2.5 | 1.7 | 9.2 | 6.7 |
| 47.5° | 4.2 | 4.2 | 7.5 | 11.7 | 20.5 |
| 50° | 8.4 | 8.4 | 10.9 | 19.7 | 18.8 |
| 51° | 5.0 | 4.2 | 5.9 | 13.4 | 17.2 |
| 52° | 4.2 | 5.9 | 5.9 | 13.4 | 13.4 |
| 53° | 1.7 | 0.0 | 0.0 | 10.0 | 8.4 |
| 54° | 1.7 | 0.8 | 2.5 | 7.5 | 11.7 |
| 55° | 0.0 | 4.2 | 3.3 | 15.5 | 17.2 |
| 57.5° | 0.8 | 6.7 | 3.3 | 10.9 | 13.4 |
| 60° | 4.2 | 5.0 | 9.2 | 10.9 | 13.4 |
| 61° | 0.0 | 4.2 | 4.2 | 10.0 | 11.7 |
| 62° | 0.0 | 3.3 | 7.5 | 9.2 | 11.7 |
| 63° | 4.2 | 5.0 | 6.7 | 10.9 | 13.4 |



TEST NUMBER: P315337

CATALOG NUMBER: LDA2B10FL9030D010 PIN1MB

CANDELA DISTRIBUTION (continued):

| | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-----|--------|------|--------|------|
| 66° | 2.5 | 6.7 | 8.4 | 10.9 | 10.0 |
| 67.5° | 5.0 | 5.9 | 5.0 | 14.2 | 17.2 |
| 70° | 6.7 | 10.9 | 11.7 | 10.0 | 17.2 |
| 72.5° | 4.2 | 5.9 | 8.4 | 15.5 | 17.2 |
| 75° | 7.5 | 8.4 | 12.6 | 14.2 | 17.2 |
| 77.5° | 5.9 | 8.4 | 8.4 | 9.2 | 17.2 |
| 80° | 2.5 | 7.5 | 8.4 | 9.2 | 5.0 |
| 82.5° | 3.3 | 5.0 | 3.3 | 9.2 | 6.7 |
| 85° | 1.7 | 7.5 | 6.7 | 8.4 | 8.4 |
| 87.5° | 2.5 | 4.2 | 4.2 | 7.5 | 5.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



Report Generated By E9808895 / USPTCWHP6082093





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







| | | | | | | | | | | | |
|-----|------|------|------|------|------|------|-----|------|-----|-----|-----|
| 64° | 18.8 | 19.7 | 18.8 | 13.4 | 10.0 | 9.2 | 6.7 | 11.7 | 3.3 | 3.3 | 0.0 |
| 65° | 17.2 | 18.8 | 14.2 | 16.3 | 10.9 | 10.0 | 5.9 | 11.7 | 1.7 | 5.9 | 4.2 |





| | | | | | |
|-----|-----|-----|-----|------|------|
| 64° | 2.5 | 4.2 | 4.2 | 7.5 | 11.7 |
| 65° | 4.2 | 5.9 | 5.9 | 10.9 | 8.4 |



(END OF REPORT)