

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: P252663

Luminaire Tested: **LD6B15D010 EU6B10208035 6LBDW1H**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P252663
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-1712-453-9)
Test Lab: INNOVATION CENTER(G1)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: io LED
Catalog Number: LD6B15D010 EU6B10208035 6LBDW1H
Description: PORTFOLIO 6 INCH DOUBLE WALLWASH RECESSED DOWNLIGHT, WITH HAZE TRIM
Light Source: (1) HIGH LUMEN LED 80CRI / 3500K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1403.1 lumens
Efficiency: N/A
Efficacy: 97.5 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.25 / 1.21
Luminous Opening: Circular (Dia: 0.46' x H: 0')
CIE Type: Direct

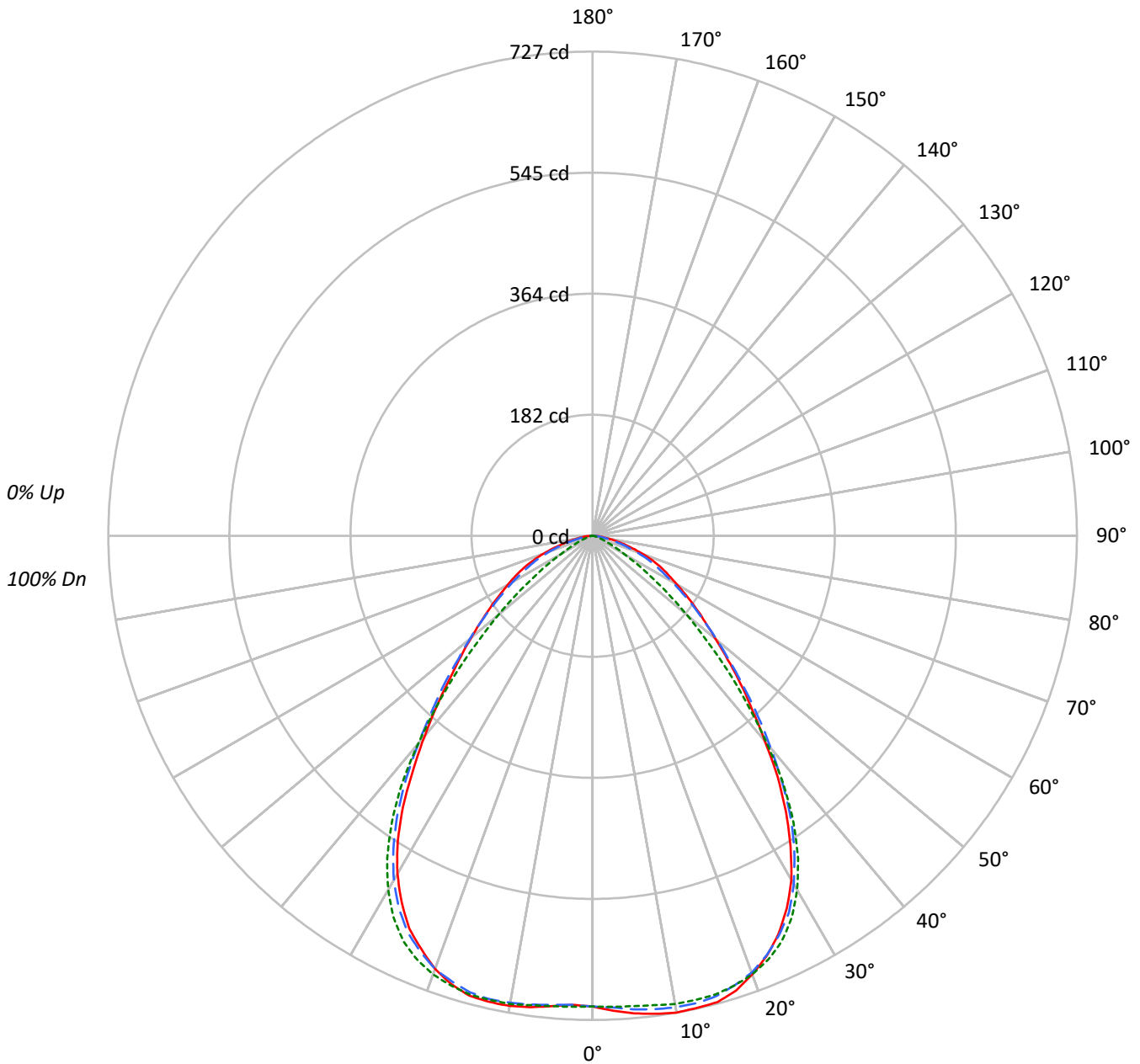
Input Watts (W): 14.39
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P252663

CATALOG NUMBER: LD6B15D010 EU6B10208035 6LBDW1H

Luminous Intensity Polar Plot





TEST NUMBER: P252663

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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 | 111 | 107 | 104 | 101 | 109 | 105 | 102 | 99 | 101 | 98 | 96 | 97 | 95 | 93 | 94 | 92 | 91 | 89 | | | | | | | | | | | | | | | | | | | |
| 2 | 103 | 96 | 91 | 86 | 101 | 95 | 89 | 85 | 91 | 87 | 83 | 88 | 84 | 81 | 85 | 82 | 80 | 78 | | | | | | | | | | | | | | | | | | | |
| 3 | 95 | 87 | 80 | 75 | 93 | 85 | 79 | 74 | 82 | 77 | 73 | 80 | 75 | 71 | 77 | 74 | 70 | 68 | | | | | | | | | | | | | | | | | | | |
| 4 | 89 | 78 | 71 | 65 | 87 | 77 | 70 | 65 | 75 | 69 | 64 | 73 | 67 | 63 | 71 | 66 | 62 | 61 | | | | | | | | | | | | | | | | | | | |
| 5 | 82 | 71 | 64 | 58 | 80 | 70 | 63 | 58 | 68 | 62 | 57 | 66 | 61 | 56 | 65 | 60 | 56 | 54 | | | | | | | | | | | | | | | | | | | |
| 6 | 77 | 65 | 57 | 52 | 75 | 64 | 57 | 51 | 63 | 56 | 51 | 61 | 55 | 51 | 59 | 54 | 50 | 48 | | | | | | | | | | | | | | | | | | | |
| 7 | 72 | 60 | 52 | 47 | 70 | 59 | 52 | 46 | 58 | 51 | 46 | 56 | 50 | 46 | 55 | 50 | 45 | 44 | | | | | | | | | | | | | | | | | | | |
| 8 | 67 | 55 | 47 | 42 | 66 | 54 | 47 | 42 | 53 | 47 | 42 | 52 | 46 | 42 | 51 | 45 | 41 | 40 | | | | | | | | | | | | | | | | | | | |
| 9 | 63 | 51 | 43 | 38 | 62 | 50 | 43 | 38 | 49 | 43 | 38 | 48 | 42 | 38 | 47 | 42 | 38 | 36 | | | | | | | | | | | | | | | | | | | |
| 10 | 59 | 47 | 40 | 35 | 58 | 47 | 40 | 35 | 46 | 39 | 35 | 45 | 39 | 35 | 44 | 39 | 35 | 33 | | | | | | | | | | | | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|-------|-------|-------|
| 0° | 46119 | 46119 | 46119 |
| 5° | 47146 | 46426 | 46426 |
| 10° | 48155 | 47294 | 47493 |
| 15° | 48961 | 48151 | 48286 |
| 20° | 48662 | 48662 | 48037 |
| 25° | 47503 | 48367 | 46855 |
| 30° | 44966 | 46247 | 44138 |
| 35° | 40292 | 41885 | 39496 |
| 40° | 34228 | 34654 | 33376 |
| 45° | 28962 | 26471 | 27947 |
| 50° | 24461 | 18675 | 24156 |
| 55° | 21498 | 12057 | 21270 |
| 60° | 19050 | 7176 | 19181 |
| 65° | 17598 | 4322 | 17598 |
| 70° | 15260 | 2480 | 14879 |
| 75° | 12099 | 1512 | 11343 |
| 80° | 9017 | 1127 | 8641 |
| 85° | 8234 | 749 | 7486 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 68.1 | 4.9 |
| 10°-20° | 201.4 | 14.4 |
| 20°-30° | 302.9 | 21.6 |
| 30°-40° | 318.5 | 22.7 |
| 40°-50° | 237.9 | 17.0 |
| 50°-60° | 148.1 | 10.6 |
| 60°-70° | 84.3 | 6.0 |
| 70°-80° | 34.7 | 2.5 |
| 80°-90° | 7.2 | 0.5 |
| 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° | 572.4 | 40.8 |
| 0°-40° | 890.9 | 63.5 |
| 0°-60° | 1276.9 | 91.0 |
| 0°-90° | 1403.1 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1403.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|-----|-----|-----|------|------|------|
| 0° | 707 | 707 | 707 | 707 | 707 | |
| 5° | 720 | 714 | 709 | 707 | 709 | 69 |
| 15° | 725 | 716 | 713 | 710 | 715 | 204 |
| 25° | 660 | 662 | 672 | 657 | 651 | 302 |
| 35° | 506 | 519 | 526 | 511 | 496 | 314 |
| 45° | 314 | 321 | 287 | 315 | 303 | 243 |
| 55° | 189 | 185 | 106 | 182 | 187 | 170 |
| 65° | 114 | 102 | 28 | 102 | 114 | 112 |
| 75° | 48 | 38 | 6 | 37 | 45 | 52 |
| 85° | 11 | 7 | 1 | 6 | 10 | 12 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P252663

CATALOG NUMBER: LD6B15D010 EU6B10208035 6LBDW1H

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 706.9 | 706.9 | 706.9 | 706.9 | 706.9 | 706.9 | 706.9 | 706.9 | 706.9 | 706.9 | 706.9 |
| 2.5° | 713.9 | 712.9 | 713.9 | 711.9 | 710.9 | 710.9 | 711.9 | 709.9 | 708.9 | 709.9 | 708.9 |
| 5° | 719.9 | 717.9 | 718.9 | 717.9 | 715.9 | 715.9 | 716.9 | 713.9 | 713.9 | 714.9 | 713.9 |
| 7.5° | 723.9 | 723.9 | 723.9 | 721.9 | 720.9 | 719.9 | 721.9 | 718.9 | 717.9 | 717.9 | 716.9 |
| 10° | 726.9 | 725.9 | 726.9 | 724.9 | 722.9 | 721.9 | 723.9 | 721.9 | 719.9 | 721.9 | 718.9 |
| 12.5° | 725.9 | 725.9 | 725.9 | 724.9 | 722.9 | 721.9 | 723.9 | 720.9 | 719.9 | 720.9 | 718.9 |
| 15° | 724.9 | 721.9 | 722.9 | 721.9 | 718.9 | 718.9 | 719.9 | 716.9 | 714.9 | 717.9 | 715.9 |
| 17.5° | 715.9 | 713.9 | 714.9 | 712.9 | 710.9 | 709.9 | 710.9 | 709.9 | 707.9 | 709.9 | 707.9 |
| 20° | 700.9 | 700.9 | 701.9 | 699.9 | 697.9 | 696.9 | 698.9 | 696.9 | 694.9 | 697.9 | 697.9 |
| 22.5° | 682.9 | 682.9 | 682.9 | 681.9 | 680.9 | 680.9 | 680.9 | 679.9 | 678.9 | 680.9 | 681.9 |
| 25° | 659.9 | 658.9 | 659.9 | 660.9 | 659.9 | 658.9 | 659.9 | 659.9 | 657.9 | 661.9 | 661.9 |
| 27.5° | 630.9 | 630.9 | 632.9 | 631.9 | 631.9 | 630.9 | 632.9 | 632.9 | 631.9 | 634.9 | 637.9 |
| 30° | 596.9 | 594.9 | 596.9 | 596.9 | 597.9 | 597.9 | 598.9 | 598.9 | 598.9 | 601.9 | 603.9 |
| 32.5° | 552.9 | 553.9 | 556.9 | 555.9 | 554.9 | 557.9 | 557.9 | 559.9 | 560.9 | 562.9 | 563.9 |
| 35° | 505.9 | 506.9 | 506.9 | 507.9 | 509.9 | 507.9 | 512.9 | 511.9 | 512.9 | 516.9 | 518.9 |
| 37.5° | 455.9 | 452.9 | 457.9 | 455.9 | 456.9 | 456.9 | 458.9 | 459.9 | 462.9 | 467.9 | 467.9 |
| 40° | 401.9 | 402.9 | 404.9 | 405.9 | 406.9 | 406.9 | 406.9 | 409.9 | 410.9 | 416.9 | 415.9 |
| 42.5° | 354.9 | 354.9 | 356.9 | 357.9 | 357.9 | 357.9 | 357.9 | 360.9 | 362.9 | 364.9 | 366.9 |
| 45° | 313.9 | 310.9 | 312.9 | 312.9 | 314.9 | 313.9 | 315.9 | 317.9 | 318.9 | 321.9 | 320.9 |
| 47.5° | 274.9 | 273.9 | 274.9 | 275.9 | 274.9 | 275.9 | 276.9 | 277.9 | 278.9 | 278.9 | 278.9 |
| 50° | 241.0 | 241.0 | 242.0 | 243.0 | 243.0 | 243.0 | 243.0 | 244.0 | 244.0 | 246.0 | 244.0 |
| 52.5° | 213.0 | 214.0 | 214.0 | 213.0 | 214.0 | 214.0 | 215.0 | 215.0 | 214.0 | 214.0 | 211.0 |
| 55° | 189.0 | 188.0 | 189.0 | 188.0 | 189.0 | 189.0 | 188.0 | 188.0 | 187.0 | 186.0 | 185.0 |
| 57.5° | 166.0 | 166.0 | 166.0 | 166.0 | 165.0 | 166.0 | 165.0 | 164.0 | 164.0 | 162.0 | 159.0 |
| 60° | 146.0 | 146.0 | 146.0 | 146.0 | 146.0 | 145.0 | 146.0 | 145.0 | 143.0 | 141.0 | 137.0 |
| 62.5° | 129.0 | 128.0 | 129.0 | 128.0 | 128.0 | 127.0 | 127.0 | 126.0 | 124.0 | 122.0 | 118.0 |
| 65° | 114.0 | 115.0 | 114.0 | 114.0 | 113.0 | 112.0 | 112.0 | 111.0 | 108.0 | 106.0 | 102.0 |
| 67.5° | 98.0 | 97.0 | 97.0 | 97.0 | 96.0 | 96.0 | 96.0 | 94.0 | 92.0 | 89.0 | 85.0 |
| 70° | 80.0 | 80.0 | 80.0 | 79.0 | 79.0 | 78.0 | 78.0 | 77.0 | 75.0 | 73.0 | 68.0 |
| 72.5° | 63.0 | 63.0 | 63.0 | 61.0 | 62.0 | 61.0 | 61.0 | 59.0 | 58.0 | 55.0 | 52.0 |
| 75° | 48.0 | 48.0 | 47.0 | 47.0 | 46.0 | 45.0 | 45.0 | 44.0 | 43.0 | 41.0 | 38.0 |
| 77.5° | 35.0 | 35.0 | 35.0 | 34.0 | 33.0 | 32.0 | 32.0 | 31.0 | 30.0 | 29.0 | 27.0 |
| 80° | 24.0 | 24.0 | 24.0 | 24.0 | 23.0 | 22.0 | 22.0 | 21.0 | 21.0 | 20.0 | 18.0 |
| 82.5° | 16.0 | 16.0 | 16.0 | 16.0 | 15.0 | 15.0 | 15.0 | 14.0 | 13.0 | 13.0 | 11.0 |
| 85° | 11.0 | 11.0 | 10.0 | 10.0 | 10.0 | 10.0 | 9.0 | 9.0 | 8.0 | 7.0 | 7.0 |
| 87.5° | 6.0 | 6.0 | 6.0 | 6.0 | 5.0 | 5.0 | 5.0 | 5.0 | 4.0 | 4.0 | 3.0 |
| 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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CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 706.9 | 706.9 | 706.9 | 706.9 | 706.9 | 706.9 | 706.9 | 706.9 | 706.9 | 706.9 | 706.9 |
| 2.5° | 711.9 | 711.9 | 710.9 | 707.9 | 708.9 | 707.9 | 708.9 | 707.9 | 704.9 | 707.9 | 704.9 |
| 5° | 715.9 | 716.9 | 714.9 | 710.9 | 711.9 | 710.9 | 710.9 | 709.9 | 706.9 | 708.9 | 706.9 |
| 7.5° | 719.9 | 718.9 | 717.9 | 713.9 | 714.9 | 713.9 | 713.9 | 711.9 | 708.9 | 710.9 | 707.9 |
| 10° | 721.9 | 721.9 | 719.9 | 715.9 | 715.9 | 714.9 | 715.9 | 714.9 | 710.9 | 713.9 | 711.9 |
| 12.5° | 721.9 | 720.9 | 720.9 | 715.9 | 716.9 | 715.9 | 716.9 | 714.9 | 711.9 | 713.9 | 712.9 |
| 15° | 718.9 | 718.9 | 717.9 | 712.9 | 713.9 | 713.9 | 714.9 | 712.9 | 709.9 | 712.9 | 710.9 |
| 17.5° | 712.9 | 712.9 | 711.9 | 707.9 | 709.9 | 709.9 | 710.9 | 708.9 | 705.9 | 707.9 | 707.9 |
| 20° | 700.9 | 701.9 | 701.9 | 698.9 | 700.9 | 700.9 | 701.9 | 700.9 | 699.9 | 700.9 | 698.9 |
| 22.5° | 686.9 | 688.9 | 688.9 | 685.9 | 687.9 | 687.9 | 690.9 | 689.9 | 687.9 | 688.9 | 687.9 |
| 25° | 665.9 | 667.9 | 669.9 | 667.9 | 669.9 | 669.9 | 672.9 | 671.9 | 669.9 | 671.9 | 668.9 |
| 27.5° | 641.9 | 642.9 | 644.9 | 642.9 | 645.9 | 644.9 | 647.9 | 646.9 | 643.9 | 646.9 | 645.9 |
| 30° | 607.9 | 611.9 | 614.9 | 611.9 | 614.9 | 614.9 | 616.9 | 615.9 | 614.9 | 613.9 | 613.9 |
| 32.5° | 569.9 | 573.9 | 573.9 | 572.9 | 574.9 | 574.9 | 575.9 | 573.9 | 572.9 | 573.9 | 574.9 |
| 35° | 522.9 | 524.9 | 526.9 | 525.9 | 526.9 | 527.9 | 526.9 | 527.9 | 524.9 | 525.9 | 525.9 |
| 37.5° | 471.9 | 473.9 | 473.9 | 470.9 | 472.9 | 472.9 | 470.9 | 470.9 | 468.9 | 470.9 | 466.9 |
| 40° | 417.9 | 415.9 | 416.9 | 414.9 | 412.9 | 412.9 | 411.9 | 407.9 | 405.9 | 406.9 | 407.9 |
| 42.5° | 364.9 | 364.9 | 361.9 | 356.9 | 351.9 | 351.9 | 348.9 | 346.9 | 342.9 | 344.9 | 343.9 |
| 45° | 319.9 | 314.9 | 310.9 | 302.9 | 299.9 | 297.9 | 292.9 | 287.9 | 285.9 | 286.9 | 285.9 |
| 47.5° | 276.9 | 272.9 | 262.9 | 252.0 | 249.0 | 246.0 | 240.0 | 234.0 | 232.0 | 230.0 | 230.0 |
| 50° | 241.0 | 234.0 | 223.0 | 211.0 | 206.0 | 201.0 | 193.0 | 187.0 | 183.0 | 184.0 | 184.0 |
| 52.5° | 208.0 | 200.0 | 187.0 | 172.0 | 166.0 | 160.0 | 153.0 | 146.0 | 143.0 | 142.0 | 142.0 |
| 55° | 179.0 | 170.0 | 157.0 | 140.0 | 135.0 | 128.0 | 119.0 | 111.0 | 107.0 | 106.0 | 108.0 |
| 57.5° | 153.0 | 145.0 | 130.0 | 113.0 | 107.0 | 100.0 | 91.0 | 84.0 | 79.0 | 78.0 | 79.0 |
| 60° | 132.0 | 121.0 | 108.0 | 92.0 | 84.0 | 78.0 | 68.0 | 62.0 | 57.0 | 55.0 | 56.0 |
| 62.5° | 111.0 | 101.0 | 88.0 | 72.0 | 66.0 | 60.0 | 51.0 | 44.0 | 40.0 | 39.0 | 40.0 |
| 65° | 95.0 | 85.0 | 73.0 | 59.0 | 53.0 | 47.0 | 39.0 | 32.0 | 29.0 | 28.0 | 29.0 |
| 67.5° | 79.0 | 70.0 | 60.0 | 47.0 | 42.0 | 37.0 | 29.0 | 24.0 | 20.0 | 19.0 | 20.0 |
| 70° | 64.0 | 56.0 | 46.0 | 37.0 | 32.0 | 28.0 | 22.0 | 17.0 | 14.0 | 13.0 | 14.0 |
| 72.5° | 48.0 | 42.0 | 35.0 | 27.0 | 24.0 | 21.0 | 16.0 | 12.0 | 10.0 | 9.0 | 10.0 |
| 75° | 35.0 | 30.0 | 25.0 | 19.0 | 17.0 | 15.0 | 11.0 | 8.0 | 7.0 | 6.0 | 7.0 |
| 77.5° | 24.0 | 21.0 | 17.0 | 13.0 | 11.0 | 10.0 | 7.0 | 6.0 | 5.0 | 4.0 | 4.0 |
| 80° | 16.0 | 14.0 | 11.0 | 9.0 | 8.0 | 7.0 | 5.0 | 4.0 | 3.0 | 3.0 | 3.0 |
| 82.5° | 10.0 | 8.0 | 7.0 | 5.0 | 4.0 | 4.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 85° | 6.0 | 5.0 | 4.0 | 3.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 87.5° | 3.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.0 |
| 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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CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 706.9 | 706.9 | 706.9 | 706.9 | 706.9 | 706.9 | 706.9 | 706.9 | 706.9 | 706.9 | 706.9 |
| 2.5° | 706.9 | 704.9 | 704.9 | 705.9 | 706.9 | 707.9 | 705.9 | 704.9 | 704.9 | 707.9 | 705.9 |
| 5° | 706.9 | 705.9 | 705.9 | 705.9 | 707.9 | 708.9 | 706.9 | 705.9 | 706.9 | 709.9 | 708.9 |
| 7.5° | 709.9 | 707.9 | 708.9 | 708.9 | 709.9 | 711.9 | 709.9 | 708.9 | 709.9 | 712.9 | 710.9 |
| 10° | 711.9 | 709.9 | 710.9 | 709.9 | 712.9 | 713.9 | 711.9 | 710.9 | 711.9 | 715.9 | 714.9 |
| 12.5° | 712.9 | 711.9 | 711.9 | 710.9 | 713.9 | 714.9 | 712.9 | 711.9 | 712.9 | 715.9 | 714.9 |
| 15° | 710.9 | 709.9 | 709.9 | 709.9 | 711.9 | 713.9 | 710.9 | 709.9 | 709.9 | 712.9 | 711.9 |
| 17.5° | 706.9 | 704.9 | 704.9 | 704.9 | 705.9 | 706.9 | 703.9 | 702.9 | 701.9 | 704.9 | 703.9 |
| 20° | 699.9 | 697.9 | 695.9 | 695.9 | 696.9 | 696.9 | 694.9 | 691.9 | 691.9 | 692.9 | 690.9 |
| 22.5° | 686.9 | 685.9 | 683.9 | 682.9 | 684.9 | 683.9 | 679.9 | 676.9 | 675.9 | 676.9 | 674.9 |
| 25° | 668.9 | 666.9 | 665.9 | 664.9 | 665.9 | 664.9 | 660.9 | 656.9 | 656.9 | 656.9 | 653.9 |
| 27.5° | 643.9 | 641.9 | 640.9 | 640.9 | 641.9 | 639.9 | 635.9 | 631.9 | 629.9 | 629.9 | 626.9 |
| 30° | 611.9 | 611.9 | 610.9 | 609.9 | 608.9 | 608.9 | 602.9 | 598.9 | 596.9 | 597.9 | 595.9 |
| 32.5° | 572.9 | 571.9 | 570.9 | 567.9 | 568.9 | 567.9 | 562.9 | 559.9 | 556.9 | 554.9 | 553.9 |
| 35° | 522.9 | 522.9 | 521.9 | 521.9 | 521.9 | 520.9 | 515.9 | 512.9 | 510.9 | 509.9 | 506.9 |
| 37.5° | 467.9 | 466.9 | 465.9 | 465.9 | 465.9 | 465.9 | 462.9 | 459.9 | 459.9 | 458.9 | 456.9 |
| 40° | 405.9 | 406.9 | 407.9 | 406.9 | 409.9 | 412.9 | 408.9 | 406.9 | 405.9 | 408.9 | 404.9 |
| 42.5° | 345.9 | 344.9 | 349.9 | 350.9 | 350.9 | 355.9 | 356.9 | 357.9 | 356.9 | 358.9 | 358.9 |
| 45° | 287.9 | 286.9 | 291.9 | 293.9 | 298.9 | 304.9 | 307.9 | 312.9 | 314.9 | 316.9 | 314.9 |
| 47.5° | 233.0 | 237.0 | 241.0 | 246.0 | 250.0 | 259.9 | 265.9 | 270.9 | 272.9 | 275.9 | 275.9 |
| 50° | 187.0 | 191.0 | 198.0 | 202.0 | 207.0 | 219.0 | 229.0 | 236.0 | 240.0 | 243.0 | 242.0 |
| 52.5° | 144.0 | 151.0 | 160.0 | 164.0 | 171.0 | 185.0 | 196.0 | 204.0 | 209.0 | 212.0 | 213.0 |
| 55° | 111.0 | 117.0 | 126.0 | 132.0 | 139.0 | 154.0 | 168.0 | 177.0 | 182.0 | 186.0 | 188.0 |
| 57.5° | 82.0 | 89.0 | 99.0 | 104.0 | 112.0 | 129.0 | 141.0 | 152.0 | 158.0 | 163.0 | 164.0 |
| 60° | 60.0 | 67.0 | 76.0 | 82.0 | 90.0 | 107.0 | 121.0 | 131.0 | 138.0 | 142.0 | 144.0 |
| 62.5° | 43.0 | 50.0 | 59.0 | 65.0 | 72.0 | 87.0 | 101.0 | 111.0 | 118.0 | 123.0 | 126.0 |
| 65° | 31.0 | 38.0 | 47.0 | 52.0 | 58.0 | 72.0 | 85.0 | 95.0 | 102.0 | 108.0 | 110.0 |
| 67.5° | 23.0 | 28.0 | 36.0 | 41.0 | 47.0 | 58.0 | 69.0 | 78.0 | 85.0 | 90.0 | 92.0 |
| 70° | 17.0 | 21.0 | 28.0 | 31.0 | 35.0 | 45.0 | 54.0 | 62.0 | 68.0 | 72.0 | 74.0 |
| 72.5° | 12.0 | 15.0 | 20.0 | 23.0 | 26.0 | 34.0 | 41.0 | 47.0 | 51.0 | 55.0 | 57.0 |
| 75° | 8.0 | 10.0 | 14.0 | 16.0 | 18.0 | 24.0 | 29.0 | 34.0 | 37.0 | 40.0 | 41.0 |
| 77.5° | 5.0 | 7.0 | 10.0 | 11.0 | 13.0 | 16.0 | 20.0 | 23.0 | 25.0 | 27.0 | 29.0 |
| 80° | 3.0 | 4.0 | 6.0 | 7.0 | 8.0 | 11.0 | 13.0 | 15.0 | 17.0 | 19.0 | 20.0 |
| 82.5° | 2.0 | 3.0 | 4.0 | 4.0 | 5.0 | 6.0 | 8.0 | 10.0 | 11.0 | 12.0 | 13.0 |
| 85° | 1.0 | 1.0 | 2.0 | 2.0 | 3.0 | 3.0 | 4.0 | 5.0 | 6.0 | 7.0 | 8.0 |
| 87.5° | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 |
| 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: P252663

CATALOG NUMBER: LD6B15D010 EU6B10208035 6LBDW1H

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 0° | 706.9 | 706.9 | 706.9 | 706.9 | 706.9 | 706.9 | 706.9 | 706.9 |
| 2.5° | 703.9 | 706.9 | 703.9 | 705.9 | 704.9 | 704.9 | 703.9 | 704.9 |
| 5° | 706.9 | 710.9 | 706.9 | 709.9 | 707.9 | 707.9 | 707.9 | 708.9 |
| 7.5° | 709.9 | 713.9 | 710.9 | 713.9 | 712.9 | 711.9 | 711.9 | 713.9 |
| 10° | 712.9 | 715.9 | 713.9 | 716.9 | 715.9 | 714.9 | 714.9 | 716.9 |
| 12.5° | 712.9 | 716.9 | 714.9 | 717.9 | 716.9 | 715.9 | 715.9 | 716.9 |
| 15° | 709.9 | 714.9 | 711.9 | 714.9 | 713.9 | 712.9 | 712.9 | 714.9 |
| 17.5° | 700.9 | 704.9 | 702.9 | 704.9 | 704.9 | 703.9 | 704.9 | 705.9 |
| 20° | 688.9 | 691.9 | 689.9 | 691.9 | 691.9 | 689.9 | 690.9 | 691.9 |
| 22.5° | 671.9 | 674.9 | 672.9 | 674.9 | 673.9 | 672.9 | 672.9 | 671.9 |
| 25° | 650.9 | 654.9 | 651.9 | 653.9 | 651.9 | 649.9 | 649.9 | 650.9 |
| 27.5° | 624.9 | 627.9 | 623.9 | 625.9 | 623.9 | 621.9 | 621.9 | 620.9 |
| 30° | 590.9 | 591.9 | 588.9 | 590.9 | 588.9 | 587.9 | 585.9 | 585.9 |
| 32.5° | 549.9 | 550.9 | 547.9 | 547.9 | 545.9 | 545.9 | 541.9 | 544.9 |
| 35° | 501.9 | 502.9 | 501.9 | 500.9 | 497.9 | 496.9 | 495.9 | 495.9 |
| 37.5° | 451.9 | 451.9 | 448.9 | 447.9 | 445.9 | 443.9 | 444.9 | 441.9 |
| 40° | 400.9 | 399.9 | 396.9 | 397.9 | 396.9 | 393.9 | 392.9 | 391.9 |
| 42.5° | 352.9 | 352.9 | 349.9 | 350.9 | 348.9 | 347.9 | 344.9 | 345.9 |
| 45° | 310.9 | 310.9 | 307.9 | 307.9 | 306.9 | 303.9 | 304.9 | 302.9 |
| 47.5° | 272.9 | 272.9 | 271.9 | 271.9 | 268.9 | 267.9 | 267.9 | 267.9 |
| 50° | 240.0 | 240.0 | 240.0 | 240.0 | 239.0 | 238.0 | 237.0 | 238.0 |
| 52.5° | 212.0 | 214.0 | 213.0 | 213.0 | 212.0 | 211.0 | 210.0 | 210.0 |
| 55° | 187.0 | 188.0 | 188.0 | 189.0 | 188.0 | 187.0 | 188.0 | 187.0 |
| 57.5° | 165.0 | 167.0 | 167.0 | 167.0 | 167.0 | 167.0 | 166.0 | 165.0 |
| 60° | 146.0 | 147.0 | 147.0 | 148.0 | 148.0 | 148.0 | 147.0 | 147.0 |
| 62.5° | 127.0 | 129.0 | 130.0 | 130.0 | 131.0 | 130.0 | 130.0 | 130.0 |
| 65° | 112.0 | 114.0 | 115.0 | 114.0 | 115.0 | 115.0 | 114.0 | 114.0 |
| 67.5° | 94.0 | 96.0 | 96.0 | 96.0 | 96.0 | 97.0 | 96.0 | 96.0 |
| 70° | 76.0 | 78.0 | 77.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| 72.5° | 58.0 | 59.0 | 60.0 | 60.0 | 61.0 | 60.0 | 60.0 | 60.0 |
| 75° | 42.0 | 44.0 | 44.0 | 44.0 | 44.0 | 45.0 | 45.0 | 45.0 |
| 77.5° | 30.0 | 31.0 | 31.0 | 32.0 | 32.0 | 32.0 | 32.0 | 33.0 |
| 80° | 21.0 | 21.0 | 22.0 | 22.0 | 23.0 | 23.0 | 23.0 | 23.0 |
| 82.5° | 14.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 |
| 85° | 8.0 | 9.0 | 9.0 | 9.0 | 9.0 | 10.0 | 10.0 | 10.0 |
| 87.5° | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 4.0 | 4.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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













(END OF REPORT)