

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: P252665

Luminaire Tested: **LD6B15D010 EU6B10208050 6LBDW1H**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P252665
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 EU6B10208050 6LBDW1H
Description: PORTFOLIO 6 INCH DOUBLE WALLWASH RECESSED DOWNLIGHT, WITH HAZE TRIM
Light Source: (1) HIGH LUMEN LED 80CRI / 5000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1417.0 lumens
Efficiency: N/A
Efficacy: 98.5 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

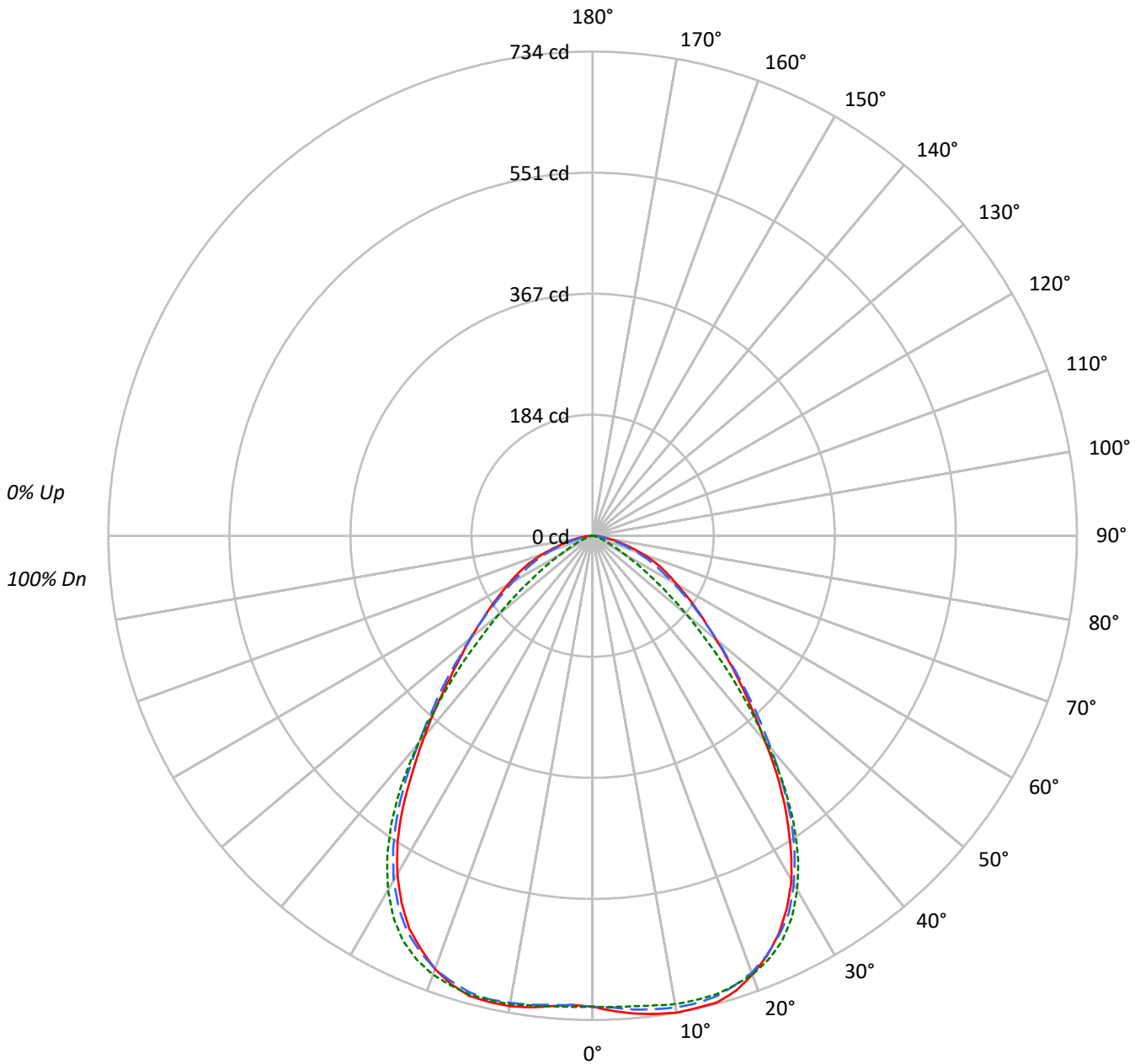
Input Watts (W): 14.39
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P252665

CATALOG NUMBER: LD6B15D010 EU6B10208050 6LBDW1H

Luminous Intensity Polar Plot





TEST NUMBER: P252665

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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° | 46575 | 46575 | 46575 |
| 5° | 47611 | 46884 | 46884 |
| 10° | 48632 | 47764 | 47963 |
| 15° | 49448 | 48630 | 48765 |
| 20° | 49148 | 49148 | 48516 |
| 25° | 47978 | 48849 | 47323 |
| 30° | 45411 | 46707 | 44575 |
| 35° | 40690 | 42299 | 39894 |
| 40° | 34569 | 35003 | 33709 |
| 45° | 29257 | 26738 | 28233 |
| 50° | 24704 | 18858 | 24390 |
| 55° | 21702 | 12171 | 21475 |
| 60° | 19233 | 7242 | 19363 |
| 65° | 17768 | 4369 | 17768 |
| 70° | 15413 | 2499 | 15031 |
| 75° | 12225 | 1538 | 11444 |
| 80° | 9092 | 1127 | 8716 |
| 85° | 8309 | 749 | 7560 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 68.7 | 4.9 |
| 10°-20° | 203.4 | 14.4 |
| 20°-30° | 305.9 | 21.6 |
| 30°-40° | 321.7 | 22.7 |
| 40°-50° | 240.3 | 17.0 |
| 50°-60° | 149.6 | 10.6 |
| 60°-70° | 85.1 | 6.0 |
| 70°-80° | 35.0 | 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° | 578.1 | 40.8 |
| 0°-40° | 899.8 | 63.5 |
| 0°-60° | 1289.6 | 91.0 |
| 0°-90° | 1417.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1417.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|-----|-----|-----|------|------|------|
| 0° | 714 | 714 | 714 | 714 | 714 | |
| 5° | 727 | 721 | 716 | 714 | 716 | 70 |
| 15° | 732 | 723 | 720 | 717 | 722 | 206 |
| 25° | 666 | 668 | 679 | 663 | 657 | 305 |
| 35° | 511 | 524 | 531 | 516 | 501 | 317 |
| 45° | 317 | 324 | 290 | 318 | 306 | 246 |
| 55° | 191 | 187 | 107 | 184 | 189 | 172 |
| 65° | 115 | 103 | 28 | 103 | 115 | 113 |
| 75° | 48 | 38 | 6 | 37 | 45 | 53 |
| 85° | 11 | 7 | 1 | 6 | 10 | 12 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P252665

CATALOG NUMBER: LD6B15D010 EU6B10208050 6LBDW1H

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 |
| 2.5° | 721.0 | 720.0 | 721.0 | 719.0 | 718.0 | 718.0 | 719.0 | 716.9 | 715.9 | 716.9 | 715.9 |
| 5° | 727.0 | 725.0 | 726.0 | 725.0 | 723.0 | 723.0 | 724.0 | 721.0 | 721.0 | 722.0 | 721.0 |
| 7.5° | 731.1 | 731.1 | 731.1 | 729.1 | 728.1 | 727.0 | 729.1 | 726.0 | 725.0 | 725.0 | 724.0 |
| 10° | 734.1 | 733.1 | 734.1 | 732.1 | 730.1 | 729.1 | 731.1 | 729.1 | 727.0 | 729.1 | 726.0 |
| 12.5° | 733.1 | 733.1 | 733.1 | 732.1 | 730.1 | 729.1 | 731.1 | 728.1 | 727.0 | 728.1 | 726.0 |
| 15° | 732.1 | 729.1 | 730.1 | 729.1 | 726.0 | 726.0 | 727.0 | 724.0 | 722.0 | 725.0 | 723.0 |
| 17.5° | 723.0 | 721.0 | 722.0 | 720.0 | 718.0 | 716.9 | 718.0 | 716.9 | 714.9 | 716.9 | 714.9 |
| 20° | 707.9 | 707.9 | 708.9 | 706.8 | 704.8 | 703.8 | 705.8 | 703.8 | 701.8 | 704.8 | 704.8 |
| 22.5° | 689.7 | 689.7 | 689.7 | 688.7 | 687.7 | 687.7 | 687.7 | 686.7 | 685.6 | 687.7 | 688.7 |
| 25° | 666.5 | 665.4 | 666.5 | 667.5 | 666.5 | 665.4 | 666.5 | 666.5 | 664.4 | 668.5 | 668.5 |
| 27.5° | 637.2 | 637.2 | 639.2 | 638.2 | 638.2 | 637.2 | 639.2 | 639.2 | 638.2 | 641.2 | 644.2 |
| 30° | 602.8 | 600.8 | 602.8 | 602.8 | 603.8 | 603.8 | 604.9 | 604.9 | 604.9 | 607.9 | 609.9 |
| 32.5° | 558.4 | 559.4 | 562.4 | 561.4 | 560.4 | 563.5 | 563.5 | 565.5 | 566.5 | 568.5 | 569.5 |
| 35° | 510.9 | 512.0 | 512.0 | 513.0 | 515.0 | 513.0 | 518.0 | 517.0 | 518.0 | 522.1 | 524.1 |
| 37.5° | 460.5 | 457.4 | 462.5 | 460.5 | 461.5 | 461.5 | 463.5 | 464.5 | 467.5 | 472.6 | 472.6 |
| 40° | 405.9 | 406.9 | 409.0 | 410.0 | 411.0 | 411.0 | 411.0 | 414.0 | 415.0 | 421.1 | 420.1 |
| 42.5° | 358.5 | 358.5 | 360.5 | 361.5 | 361.5 | 361.5 | 361.5 | 364.5 | 366.6 | 368.6 | 370.6 |
| 45° | 317.1 | 314.0 | 316.1 | 316.1 | 318.1 | 317.1 | 319.1 | 321.1 | 322.1 | 325.1 | 324.1 |
| 47.5° | 277.7 | 276.7 | 277.7 | 278.7 | 277.7 | 278.7 | 279.7 | 280.7 | 281.7 | 281.7 | 281.7 |
| 50° | 243.4 | 243.4 | 244.4 | 245.4 | 245.4 | 245.4 | 245.4 | 246.4 | 246.4 | 248.4 | 246.4 |
| 52.5° | 215.1 | 216.1 | 216.1 | 215.1 | 216.1 | 216.1 | 217.1 | 217.1 | 216.1 | 216.1 | 213.1 |
| 55° | 190.8 | 189.8 | 190.8 | 189.8 | 190.8 | 190.8 | 189.8 | 189.8 | 188.8 | 187.8 | 186.8 |
| 57.5° | 167.6 | 167.6 | 167.6 | 167.6 | 166.6 | 167.6 | 166.6 | 165.6 | 165.6 | 163.6 | 160.6 |
| 60° | 147.4 | 147.4 | 147.4 | 147.4 | 147.4 | 146.4 | 147.4 | 146.4 | 144.4 | 142.4 | 138.3 |
| 62.5° | 130.3 | 129.3 | 130.3 | 129.3 | 129.3 | 128.2 | 128.2 | 127.2 | 125.2 | 123.2 | 119.2 |
| 65° | 115.1 | 116.1 | 115.1 | 115.1 | 114.1 | 113.1 | 113.1 | 112.1 | 109.1 | 107.0 | 103.0 |
| 67.5° | 99.0 | 97.9 | 97.9 | 97.9 | 96.9 | 96.9 | 96.9 | 94.9 | 92.9 | 89.9 | 85.8 |
| 70° | 80.8 | 80.8 | 80.8 | 79.8 | 79.8 | 78.8 | 78.8 | 77.8 | 75.7 | 73.7 | 68.7 |
| 72.5° | 63.6 | 63.6 | 63.6 | 61.6 | 62.6 | 61.6 | 61.6 | 59.6 | 58.6 | 55.5 | 52.5 |
| 75° | 48.5 | 48.5 | 47.5 | 47.5 | 46.4 | 45.4 | 45.4 | 44.4 | 43.4 | 41.4 | 38.4 |
| 77.5° | 35.3 | 35.3 | 35.3 | 34.3 | 33.3 | 32.3 | 32.3 | 31.3 | 30.3 | 29.3 | 27.3 |
| 80° | 24.2 | 24.2 | 24.2 | 24.2 | 23.2 | 22.2 | 22.2 | 21.2 | 21.2 | 20.2 | 18.2 |
| 82.5° | 16.2 | 16.2 | 16.2 | 16.2 | 15.1 | 15.1 | 15.1 | 14.1 | 13.1 | 13.1 | 11.1 |
| 85° | 11.1 | 11.1 | 10.1 | 10.1 | 10.1 | 10.1 | 9.1 | 9.1 | 8.1 | 7.1 | 7.1 |
| 87.5° | 6.1 | 6.1 | 6.1 | 6.1 | 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° | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 |
| 2.5° | 719.0 | 719.0 | 718.0 | 714.9 | 715.9 | 714.9 | 715.9 | 714.9 | 711.9 | 714.9 | 711.9 |
| 5° | 723.0 | 724.0 | 722.0 | 718.0 | 719.0 | 718.0 | 718.0 | 716.9 | 713.9 | 715.9 | 713.9 |
| 7.5° | 727.0 | 726.0 | 725.0 | 721.0 | 722.0 | 721.0 | 721.0 | 719.0 | 715.9 | 718.0 | 714.9 |
| 10° | 729.1 | 729.1 | 727.0 | 723.0 | 723.0 | 722.0 | 723.0 | 722.0 | 718.0 | 721.0 | 719.0 |
| 12.5° | 729.1 | 728.1 | 728.1 | 723.0 | 724.0 | 723.0 | 724.0 | 722.0 | 719.0 | 721.0 | 720.0 |
| 15° | 726.0 | 726.0 | 725.0 | 720.0 | 721.0 | 721.0 | 722.0 | 720.0 | 716.9 | 720.0 | 718.0 |
| 17.5° | 720.0 | 720.0 | 719.0 | 714.9 | 716.9 | 716.9 | 718.0 | 715.9 | 712.9 | 714.9 | 714.9 |
| 20° | 707.9 | 708.9 | 708.9 | 705.8 | 707.9 | 707.9 | 708.9 | 707.9 | 706.8 | 707.9 | 705.8 |
| 22.5° | 693.7 | 695.7 | 695.7 | 692.7 | 694.7 | 694.7 | 697.8 | 696.7 | 694.7 | 695.7 | 694.7 |
| 25° | 672.5 | 674.5 | 676.6 | 674.5 | 676.6 | 676.6 | 679.6 | 678.6 | 676.6 | 678.6 | 675.5 |
| 27.5° | 648.3 | 649.3 | 651.3 | 649.3 | 652.3 | 651.3 | 654.3 | 653.3 | 650.3 | 653.3 | 652.3 |
| 30° | 613.9 | 618.0 | 621.0 | 618.0 | 621.0 | 621.0 | 623.0 | 622.0 | 621.0 | 620.0 | 620.0 |
| 32.5° | 575.6 | 579.6 | 579.6 | 578.6 | 580.6 | 580.6 | 581.6 | 579.6 | 578.6 | 579.6 | 580.6 |
| 35° | 528.1 | 530.1 | 532.2 | 531.1 | 532.2 | 533.2 | 532.2 | 533.2 | 530.1 | 531.1 | 531.1 |
| 37.5° | 476.6 | 478.6 | 478.6 | 475.6 | 477.6 | 477.6 | 475.6 | 475.6 | 473.6 | 475.6 | 471.6 |
| 40° | 422.1 | 420.1 | 421.1 | 419.1 | 417.0 | 417.0 | 416.0 | 412.0 | 410.0 | 411.0 | 412.0 |
| 42.5° | 368.6 | 368.6 | 365.5 | 360.5 | 355.4 | 355.4 | 352.4 | 350.4 | 346.4 | 348.4 | 347.4 |
| 45° | 323.1 | 318.1 | 314.0 | 306.0 | 302.9 | 300.9 | 295.9 | 290.8 | 288.8 | 289.8 | 288.8 |
| 47.5° | 279.7 | 275.7 | 265.6 | 254.5 | 251.4 | 248.4 | 242.3 | 236.3 | 234.3 | 232.2 | 232.2 |
| 50° | 243.4 | 236.3 | 225.2 | 213.1 | 208.0 | 203.0 | 194.9 | 188.8 | 184.8 | 185.8 | 185.8 |
| 52.5° | 210.0 | 202.0 | 188.8 | 173.7 | 167.6 | 161.6 | 154.5 | 147.4 | 144.4 | 143.4 | 143.4 |
| 55° | 180.8 | 171.7 | 158.5 | 141.4 | 136.3 | 129.3 | 120.2 | 112.1 | 108.0 | 107.0 | 109.1 |
| 57.5° | 154.5 | 146.4 | 131.3 | 114.1 | 108.0 | 101.0 | 91.9 | 84.8 | 79.8 | 78.8 | 79.8 |
| 60° | 133.3 | 122.2 | 109.1 | 92.9 | 84.8 | 78.8 | 68.7 | 62.6 | 57.6 | 55.5 | 56.5 |
| 62.5° | 112.1 | 102.0 | 88.9 | 72.7 | 66.6 | 60.6 | 51.5 | 44.4 | 40.4 | 39.4 | 40.4 |
| 65° | 95.9 | 85.8 | 73.7 | 59.6 | 53.5 | 47.5 | 39.4 | 32.3 | 29.3 | 28.3 | 29.3 |
| 67.5° | 79.8 | 70.7 | 60.6 | 47.5 | 42.4 | 37.4 | 29.3 | 24.2 | 20.2 | 19.2 | 20.2 |
| 70° | 64.6 | 56.5 | 46.4 | 37.4 | 32.3 | 28.3 | 22.2 | 17.2 | 14.1 | 13.1 | 14.1 |
| 72.5° | 48.5 | 42.4 | 35.3 | 27.3 | 24.2 | 21.2 | 16.2 | 12.1 | 10.1 | 9.1 | 10.1 |
| 75° | 35.3 | 30.3 | 25.2 | 19.2 | 17.2 | 15.1 | 11.1 | 8.1 | 7.1 | 6.1 | 7.1 |
| 77.5° | 24.2 | 21.2 | 17.2 | 13.1 | 11.1 | 10.1 | 7.1 | 6.1 | 5.0 | 4.0 | 4.0 |
| 80° | 16.2 | 14.1 | 11.1 | 9.1 | 8.1 | 7.1 | 5.0 | 4.0 | 3.0 | 3.0 | 3.0 |
| 82.5° | 10.1 | 8.1 | 7.1 | 5.0 | 4.0 | 4.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 85° | 6.1 | 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° | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 |
| 2.5° | 713.9 | 711.9 | 711.9 | 712.9 | 713.9 | 714.9 | 712.9 | 711.9 | 711.9 | 714.9 | 712.9 |
| 5° | 713.9 | 712.9 | 712.9 | 712.9 | 714.9 | 715.9 | 713.9 | 712.9 | 713.9 | 716.9 | 715.9 |
| 7.5° | 716.9 | 714.9 | 715.9 | 715.9 | 716.9 | 719.0 | 716.9 | 715.9 | 716.9 | 720.0 | 718.0 |
| 10° | 719.0 | 716.9 | 718.0 | 716.9 | 720.0 | 721.0 | 719.0 | 718.0 | 719.0 | 723.0 | 722.0 |
| 12.5° | 720.0 | 719.0 | 719.0 | 718.0 | 721.0 | 722.0 | 720.0 | 719.0 | 720.0 | 723.0 | 722.0 |
| 15° | 718.0 | 716.9 | 716.9 | 716.9 | 719.0 | 721.0 | 718.0 | 716.9 | 716.9 | 720.0 | 719.0 |
| 17.5° | 713.9 | 711.9 | 711.9 | 711.9 | 712.9 | 713.9 | 710.9 | 709.9 | 708.9 | 711.9 | 710.9 |
| 20° | 706.8 | 704.8 | 702.8 | 702.8 | 703.8 | 703.8 | 701.8 | 698.8 | 698.8 | 699.8 | 697.8 |
| 22.5° | 693.7 | 692.7 | 690.7 | 689.7 | 691.7 | 690.7 | 686.7 | 683.6 | 682.6 | 683.6 | 681.6 |
| 25° | 675.5 | 673.5 | 672.5 | 671.5 | 672.5 | 671.5 | 667.5 | 663.4 | 663.4 | 663.4 | 660.4 |
| 27.5° | 650.3 | 648.3 | 647.3 | 647.3 | 648.3 | 646.3 | 642.2 | 638.2 | 636.2 | 636.2 | 633.1 |
| 30° | 618.0 | 618.0 | 617.0 | 616.0 | 615.0 | 615.0 | 608.9 | 604.9 | 602.8 | 603.8 | 601.8 |
| 32.5° | 578.6 | 577.6 | 576.6 | 573.6 | 574.6 | 573.6 | 568.5 | 565.5 | 562.4 | 560.4 | 559.4 |
| 35° | 528.1 | 528.1 | 527.1 | 527.1 | 527.1 | 526.1 | 521.0 | 518.0 | 516.0 | 515.0 | 512.0 |
| 37.5° | 472.6 | 471.6 | 470.6 | 470.6 | 470.6 | 470.6 | 467.5 | 464.5 | 464.5 | 463.5 | 461.5 |
| 40° | 410.0 | 411.0 | 412.0 | 411.0 | 414.0 | 417.0 | 413.0 | 411.0 | 410.0 | 413.0 | 409.0 |
| 42.5° | 349.4 | 348.4 | 353.4 | 354.4 | 354.4 | 359.5 | 360.5 | 361.5 | 360.5 | 362.5 | 362.5 |
| 45° | 290.8 | 289.8 | 294.9 | 296.9 | 301.9 | 308.0 | 311.0 | 316.1 | 318.1 | 320.1 | 318.1 |
| 47.5° | 235.3 | 239.3 | 243.4 | 248.4 | 252.4 | 262.5 | 268.6 | 273.7 | 275.7 | 278.7 | 278.7 |
| 50° | 188.8 | 192.9 | 199.9 | 204.0 | 209.0 | 221.1 | 231.2 | 238.3 | 242.3 | 245.4 | 244.4 |
| 52.5° | 145.4 | 152.5 | 161.6 | 165.6 | 172.7 | 186.8 | 197.9 | 206.0 | 211.0 | 214.1 | 215.1 |
| 55° | 112.1 | 118.1 | 127.2 | 133.3 | 140.4 | 155.5 | 169.6 | 178.7 | 183.8 | 187.8 | 189.8 |
| 57.5° | 82.8 | 89.9 | 100.0 | 105.0 | 113.1 | 130.3 | 142.4 | 153.5 | 159.5 | 164.6 | 165.6 |
| 60° | 60.6 | 67.7 | 76.7 | 82.8 | 90.9 | 108.0 | 122.2 | 132.3 | 139.3 | 143.4 | 145.4 |
| 62.5° | 43.4 | 50.5 | 59.6 | 65.6 | 72.7 | 87.9 | 102.0 | 112.1 | 119.2 | 124.2 | 127.2 |
| 65° | 31.3 | 38.4 | 47.5 | 52.5 | 58.6 | 72.7 | 85.8 | 95.9 | 103.0 | 109.1 | 111.1 |
| 67.5° | 23.2 | 28.3 | 36.4 | 41.4 | 47.5 | 58.6 | 69.7 | 78.8 | 85.8 | 90.9 | 92.9 |
| 70° | 17.2 | 21.2 | 28.3 | 31.3 | 35.3 | 45.4 | 54.5 | 62.6 | 68.7 | 72.7 | 74.7 |
| 72.5° | 12.1 | 15.1 | 20.2 | 23.2 | 26.3 | 34.3 | 41.4 | 47.5 | 51.5 | 55.5 | 57.6 |
| 75° | 8.1 | 10.1 | 14.1 | 16.2 | 18.2 | 24.2 | 29.3 | 34.3 | 37.4 | 40.4 | 41.4 |
| 77.5° | 5.0 | 7.1 | 10.1 | 11.1 | 13.1 | 16.2 | 20.2 | 23.2 | 25.2 | 27.3 | 29.3 |
| 80° | 3.0 | 4.0 | 6.1 | 7.1 | 8.1 | 11.1 | 13.1 | 15.1 | 17.2 | 19.2 | 20.2 |
| 82.5° | 2.0 | 3.0 | 4.0 | 4.0 | 5.0 | 6.1 | 8.1 | 10.1 | 11.1 | 12.1 | 13.1 |
| 85° | 1.0 | 1.0 | 2.0 | 2.0 | 3.0 | 3.0 | 4.0 | 5.0 | 6.1 | 7.1 | 8.1 |
| 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: P252665

CATALOG NUMBER: LD6B15D010 EU6B10208050 6LBDW1H

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 0° | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 |
| 2.5° | 710.9 | 713.9 | 710.9 | 712.9 | 711.9 | 711.9 | 710.9 | 711.9 |
| 5° | 713.9 | 718.0 | 713.9 | 716.9 | 714.9 | 714.9 | 714.9 | 715.9 |
| 7.5° | 716.9 | 721.0 | 718.0 | 721.0 | 720.0 | 719.0 | 719.0 | 721.0 |
| 10° | 720.0 | 723.0 | 721.0 | 724.0 | 723.0 | 722.0 | 722.0 | 724.0 |
| 12.5° | 720.0 | 724.0 | 722.0 | 725.0 | 724.0 | 723.0 | 723.0 | 724.0 |
| 15° | 716.9 | 722.0 | 719.0 | 722.0 | 721.0 | 720.0 | 720.0 | 722.0 |
| 17.5° | 707.9 | 711.9 | 709.9 | 711.9 | 711.9 | 710.9 | 711.9 | 712.9 |
| 20° | 695.7 | 698.8 | 696.7 | 698.8 | 698.8 | 696.7 | 697.8 | 698.8 |
| 22.5° | 678.6 | 681.6 | 679.6 | 681.6 | 680.6 | 679.6 | 679.6 | 678.6 |
| 25° | 657.4 | 661.4 | 658.4 | 660.4 | 658.4 | 656.4 | 656.4 | 657.4 |
| 27.5° | 631.1 | 634.1 | 630.1 | 632.1 | 630.1 | 628.1 | 628.1 | 627.1 |
| 30° | 596.8 | 597.8 | 594.8 | 596.8 | 594.8 | 593.8 | 591.7 | 591.7 |
| 32.5° | 555.4 | 556.4 | 553.4 | 553.4 | 551.3 | 551.3 | 547.3 | 550.3 |
| 35° | 506.9 | 507.9 | 506.9 | 505.9 | 502.9 | 501.9 | 500.9 | 500.9 |
| 37.5° | 456.4 | 456.4 | 453.4 | 452.4 | 450.4 | 448.3 | 449.4 | 446.3 |
| 40° | 404.9 | 403.9 | 400.9 | 401.9 | 400.9 | 397.9 | 396.8 | 395.8 |
| 42.5° | 356.5 | 356.5 | 353.4 | 354.4 | 352.4 | 351.4 | 348.4 | 349.4 |
| 45° | 314.0 | 314.0 | 311.0 | 311.0 | 310.0 | 307.0 | 308.0 | 306.0 |
| 47.5° | 275.7 | 275.7 | 274.7 | 274.7 | 271.6 | 270.6 | 270.6 | 270.6 |
| 50° | 242.3 | 242.3 | 242.3 | 242.3 | 241.3 | 240.3 | 239.3 | 240.3 |
| 52.5° | 214.1 | 216.1 | 215.1 | 215.1 | 214.1 | 213.1 | 212.1 | 212.1 |
| 55° | 188.8 | 189.8 | 189.8 | 190.8 | 189.8 | 188.8 | 189.8 | 188.8 |
| 57.5° | 166.6 | 168.6 | 168.6 | 168.6 | 168.6 | 168.6 | 167.6 | 166.6 |
| 60° | 147.4 | 148.4 | 148.4 | 149.4 | 149.4 | 149.4 | 148.4 | 148.4 |
| 62.5° | 128.2 | 130.3 | 131.3 | 131.3 | 132.3 | 131.3 | 131.3 | 131.3 |
| 65° | 113.1 | 115.1 | 116.1 | 115.1 | 116.1 | 116.1 | 115.1 | 115.1 |
| 67.5° | 94.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.9 | 96.9 | 96.9 |
| 70° | 76.7 | 78.8 | 77.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| 72.5° | 58.6 | 59.6 | 60.6 | 60.6 | 61.6 | 60.6 | 60.6 | 60.6 |
| 75° | 42.4 | 44.4 | 44.4 | 44.4 | 44.4 | 45.4 | 45.4 | 45.4 |
| 77.5° | 30.3 | 31.3 | 31.3 | 32.3 | 32.3 | 32.3 | 32.3 | 33.3 |
| 80° | 21.2 | 21.2 | 22.2 | 22.2 | 23.2 | 23.2 | 23.2 | 23.2 |
| 82.5° | 14.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 |
| 85° | 8.1 | 9.1 | 9.1 | 9.1 | 9.1 | 10.1 | 10.1 | 10.1 |
| 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)