

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: P252146

Luminaire Tested: **LD6B15D010 EU6B10209024 6LBSW1LI**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P252146
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-1712-453-1)
Test Lab: INNOVATION CENTER(G1)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: io LED
Catalog Number: LD6B15D010 EU6B10209024 6LBSW1LI
Description: PORTFOLIO 6 INCH SINGLE WALLWASH RECESSED DOWNLIGHT, WITH SPECULAR CLEAR TRIM
Light Source: (1) HIGH LUMEN LED 90CRI / 2400K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1349.0 lumens
Efficiency: N/A
Efficacy: 93.7 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.29 / 1.21
Luminous Opening: Circular (Dia: 0.46' x H: 0')
CIE Type: Direct

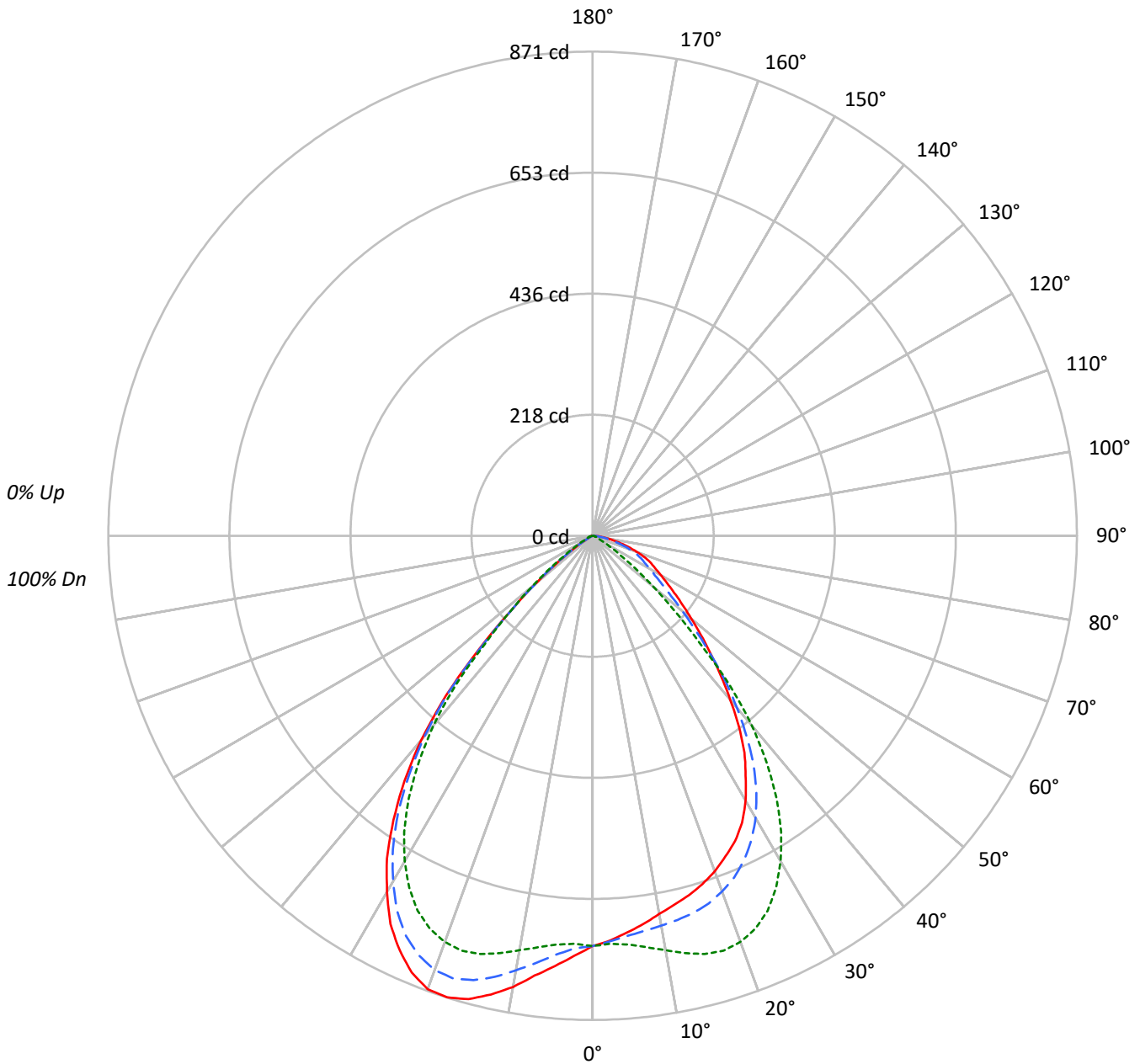
Input Watts (W): 14.39
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P252146

CATALOG NUMBER: LD6B15D010 EU6B10209024 6LBSW1LI

Luminous Intensity Polar Plot





TEST NUMBER: P252146

CATALOG NUMBER: LD6B15D010 EU6B10209024 6LBSW1LI

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 | 108 | 105 | 103 | 109 | 106 | 103 | 101 | 102 | 100 | 98 | 98 | 96 | 95 | 95 | 93 | 92 | 90 | | | | | | | | | | | | | | | | | | | |
| 2 | 105 | 98 | 93 | 89 | 102 | 97 | 92 | 88 | 93 | 89 | 86 | 90 | 87 | 84 | 87 | 85 | 82 | 80 | | | | | | | | | | | | | | | | | | | |
| 3 | 98 | 89 | 83 | 78 | 95 | 88 | 82 | 78 | 85 | 80 | 76 | 83 | 78 | 75 | 80 | 77 | 74 | 72 | | | | | | | | | | | | | | | | | | | |
| 4 | 91 | 82 | 75 | 69 | 89 | 80 | 74 | 69 | 78 | 72 | 68 | 76 | 71 | 67 | 74 | 70 | 66 | 65 | | | | | | | | | | | | | | | | | | | |
| 5 | 85 | 75 | 67 | 62 | 83 | 74 | 67 | 62 | 72 | 66 | 61 | 70 | 65 | 61 | 68 | 64 | 60 | 58 | | | | | | | | | | | | | | | | | | | |
| 6 | 80 | 69 | 61 | 56 | 78 | 68 | 61 | 56 | 66 | 60 | 55 | 64 | 59 | 55 | 63 | 58 | 54 | 53 | | | | | | | | | | | | | | | | | | | |
| 7 | 74 | 63 | 56 | 51 | 73 | 62 | 55 | 50 | 61 | 55 | 50 | 60 | 54 | 50 | 58 | 53 | 50 | 48 | | | | | | | | | | | | | | | | | | | |
| 8 | 70 | 58 | 51 | 46 | 69 | 58 | 51 | 46 | 57 | 50 | 46 | 55 | 50 | 46 | 54 | 49 | 45 | 44 | | | | | | | | | | | | | | | | | | | |
| 9 | 66 | 54 | 47 | 42 | 64 | 54 | 47 | 42 | 53 | 46 | 42 | 52 | 46 | 42 | 51 | 45 | 42 | 40 | | | | | | | | | | | | | | | | | | | |
| 10 | 62 | 50 | 43 | 39 | 61 | 50 | 43 | 39 | 49 | 43 | 39 | 48 | 43 | 39 | 47 | 42 | 38 | 37 | | | | | | | | | | | | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|-------|-------|-------|
| 0° | 48148 | 48148 | 48148 |
| 5° | 46897 | 48331 | 50873 |
| 10° | 45757 | 50156 | 54594 |
| 15° | 45226 | 52609 | 58282 |
| 20° | 44579 | 53980 | 60249 |
| 25° | 43630 | 53586 | 59172 |
| 30° | 41456 | 50918 | 55702 |
| 35° | 37927 | 45907 | 49730 |
| 40° | 32806 | 37916 | 40803 |
| 45° | 27670 | 24865 | 26692 |
| 50° | 23486 | 14392 | 13529 |
| 55° | 20383 | 6904 | 5221 |
| 60° | 18411 | 3223 | 1292 |
| 65° | 17861 | 1852 | 432 |
| 70° | 16023 | 1488 | 401 |
| 75° | 13158 | 1059 | 176 |
| 80° | 9806 | 526 | 0 |
| 85° | 8459 | 0 | 0 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 71.3 | 5.3 |
| 10°-20° | 217.2 | 16.1 |
| 20°-30° | 331.9 | 24.6 |
| 30°-40° | 347.2 | 25.7 |
| 40°-50° | 225.2 | 16.7 |
| 50°-60° | 89.4 | 6.6 |
| 60°-70° | 42.4 | 3.1 |
| 70°-80° | 20.2 | 1.5 |
| 80°-90° | 4.1 | 0.3 |
| 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° | 620.5 | 46.0 |
| 0°-40° | 967.6 | 71.7 |
| 0°-60° | 1282.3 | 95.1 |
| 0°-90° | 1349.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1349.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|-----|-----|-----|------|------|------|
| 0° | 738 | 738 | 738 | 738 | 738 | |
| 5° | 716 | 722 | 738 | 756 | 777 | 68 |
| 15° | 670 | 702 | 779 | 828 | 863 | 189 |
| 25° | 606 | 644 | 744 | 794 | 822 | 278 |
| 35° | 476 | 505 | 576 | 610 | 624 | 295 |
| 45° | 300 | 297 | 270 | 286 | 289 | 233 |
| 55° | 179 | 152 | 61 | 47 | 46 | 162 |
| 65° | 116 | 96 | 12 | 3 | 3 | 113 |
| 75° | 52 | 42 | 4 | 1 | 1 | 56 |
| 85° | 11 | 7 | 0 | 0 | 0 | 13 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P252146

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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 738.0 | 738.0 | 738.0 | 738.0 | 738.0 | 738.0 | 738.0 | 738.0 | 738.0 | 738.0 | 738.0 |
| 2.5° | 728.8 | 730.2 | 722.5 | 720.4 | 726.0 | 728.1 | 728.8 | 726.7 | 727.4 | 730.2 | 730.2 |
| 5° | 716.1 | 717.5 | 710.5 | 708.4 | 714.0 | 715.4 | 717.5 | 716.8 | 719.0 | 723.2 | 722.5 |
| 7.5° | 704.1 | 706.3 | 698.5 | 695.7 | 702.7 | 706.3 | 707.7 | 707.7 | 710.5 | 716.1 | 716.8 |
| 10° | 690.7 | 693.6 | 686.5 | 685.1 | 692.9 | 696.4 | 697.1 | 698.5 | 702.7 | 710.5 | 711.9 |
| 12.5° | 679.4 | 682.3 | 677.3 | 675.2 | 683.7 | 687.2 | 688.6 | 691.4 | 696.4 | 706.3 | 707.7 |
| 15° | 669.6 | 671.7 | 666.0 | 664.6 | 673.1 | 677.3 | 678.0 | 682.3 | 688.6 | 699.9 | 702.0 |
| 17.5° | 656.9 | 658.3 | 654.0 | 652.6 | 661.1 | 665.3 | 666.0 | 671.0 | 678.7 | 690.0 | 693.6 |
| 20° | 642.1 | 643.5 | 639.2 | 637.8 | 646.3 | 651.2 | 651.9 | 656.2 | 665.3 | 677.3 | 680.9 |
| 22.5° | 624.4 | 627.2 | 622.3 | 620.9 | 629.4 | 633.6 | 635.7 | 639.2 | 648.4 | 660.4 | 665.3 |
| 25° | 606.1 | 606.1 | 602.5 | 601.8 | 609.6 | 614.5 | 613.8 | 618.8 | 627.9 | 639.9 | 644.2 |
| 27.5° | 582.1 | 581.4 | 577.8 | 577.1 | 585.6 | 589.8 | 588.4 | 593.4 | 601.8 | 613.8 | 618.1 |
| 30° | 550.3 | 551.7 | 546.8 | 545.4 | 552.4 | 559.5 | 558.8 | 563.7 | 572.2 | 583.5 | 586.3 |
| 32.5° | 512.2 | 513.6 | 512.9 | 510.8 | 517.2 | 520.7 | 522.8 | 526.3 | 533.4 | 545.4 | 548.2 |
| 35° | 476.2 | 474.1 | 471.3 | 471.3 | 477.7 | 483.3 | 481.2 | 485.4 | 492.5 | 504.5 | 505.2 |
| 37.5° | 431.8 | 431.1 | 429.7 | 428.3 | 435.3 | 436.7 | 437.4 | 440.3 | 446.6 | 456.5 | 455.1 |
| 40° | 385.2 | 385.9 | 385.2 | 382.4 | 386.6 | 392.3 | 391.6 | 393.0 | 398.6 | 405.7 | 403.6 |
| 42.5° | 341.5 | 341.5 | 341.5 | 338.7 | 343.6 | 346.4 | 347.8 | 347.1 | 348.5 | 354.9 | 352.1 |
| 45° | 299.9 | 300.6 | 299.9 | 299.2 | 299.9 | 301.3 | 299.9 | 299.2 | 299.2 | 301.3 | 297.0 |
| 47.5° | 263.9 | 263.9 | 261.8 | 259.6 | 261.8 | 262.5 | 260.3 | 258.2 | 257.5 | 256.8 | 249.8 |
| 50° | 231.4 | 230.7 | 230.0 | 226.5 | 228.6 | 229.3 | 226.5 | 225.1 | 222.2 | 218.7 | 210.3 |
| 52.5° | 203.2 | 202.5 | 201.8 | 198.3 | 199.7 | 200.4 | 197.6 | 194.7 | 191.2 | 188.4 | 177.8 |
| 55° | 179.2 | 178.5 | 178.5 | 176.4 | 175.0 | 176.4 | 173.6 | 171.4 | 166.5 | 163.0 | 152.4 |
| 57.5° | 158.7 | 158.7 | 157.3 | 155.2 | 155.9 | 155.9 | 153.1 | 150.3 | 146.0 | 141.8 | 133.3 |
| 60° | 141.1 | 141.1 | 141.1 | 139.0 | 139.0 | 139.0 | 137.6 | 134.8 | 131.2 | 127.0 | 118.5 |
| 62.5° | 127.0 | 127.0 | 126.3 | 124.2 | 124.9 | 124.9 | 123.5 | 120.6 | 117.1 | 114.3 | 105.8 |
| 65° | 115.7 | 115.7 | 115.7 | 113.6 | 113.6 | 114.3 | 112.9 | 110.1 | 107.2 | 103.7 | 96.0 |
| 67.5° | 101.6 | 100.9 | 100.9 | 99.5 | 100.2 | 100.9 | 99.5 | 97.4 | 93.8 | 91.7 | 84.7 |
| 70° | 84.0 | 84.7 | 85.4 | 83.3 | 84.0 | 84.0 | 83.3 | 81.1 | 79.0 | 76.9 | 70.6 |
| 72.5° | 68.4 | 68.4 | 67.7 | 67.0 | 67.0 | 67.7 | 66.3 | 64.2 | 62.8 | 61.4 | 56.4 |
| 75° | 52.2 | 51.5 | 52.2 | 50.8 | 50.8 | 50.8 | 49.4 | 48.7 | 48.0 | 45.9 | 42.3 |
| 77.5° | 38.1 | 37.4 | 37.4 | 36.0 | 36.7 | 36.7 | 36.0 | 34.6 | 33.2 | 32.5 | 29.6 |
| 80° | 26.1 | 26.1 | 26.1 | 25.4 | 25.4 | 24.7 | 24.7 | 24.0 | 22.6 | 21.9 | 20.5 |
| 82.5° | 17.6 | 17.6 | 17.6 | 16.9 | 16.9 | 16.9 | 16.2 | 15.5 | 14.8 | 14.1 | 12.7 |
| 85° | 11.3 | 11.3 | 11.3 | 10.6 | 10.6 | 10.6 | 9.9 | 9.9 | 9.2 | 8.5 | 7.1 |
| 87.5° | 6.3 | 6.3 | 6.3 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 4.9 | 4.2 | 3.5 |
| 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° | 738.0 | 738.0 | 738.0 | 738.0 | 738.0 | 738.0 | 738.0 | 738.0 | 738.0 | 738.0 | 738.0 |
| 2.5° | 735.2 | 725.3 | 731.7 | 731.7 | 729.5 | 735.2 | 738.7 | 741.5 | 740.8 | 734.5 | 733.8 |
| 5° | 729.5 | 721.1 | 728.1 | 728.8 | 726.7 | 734.5 | 739.4 | 742.9 | 743.7 | 738.0 | 738.7 |
| 7.5° | 725.3 | 718.3 | 727.4 | 730.2 | 729.5 | 736.6 | 742.2 | 747.9 | 750.7 | 746.5 | 747.2 |
| 10° | 723.2 | 717.5 | 727.4 | 731.7 | 732.4 | 740.1 | 748.6 | 756.4 | 759.9 | 757.1 | 759.2 |
| 12.5° | 720.4 | 716.8 | 728.1 | 734.5 | 737.3 | 745.1 | 755.6 | 764.8 | 770.5 | 769.1 | 773.3 |
| 15° | 717.5 | 714.7 | 728.1 | 737.3 | 740.8 | 747.9 | 759.9 | 773.3 | 779.6 | 778.9 | 784.6 |
| 17.5° | 710.5 | 709.8 | 723.9 | 733.8 | 738.7 | 747.2 | 758.5 | 774.7 | 781.0 | 782.5 | 789.5 |
| 20° | 699.2 | 699.2 | 714.7 | 725.3 | 731.0 | 738.7 | 752.8 | 768.3 | 776.1 | 777.5 | 785.3 |
| 22.5° | 683.7 | 685.1 | 699.9 | 710.5 | 719.0 | 724.6 | 739.4 | 755.6 | 762.7 | 764.8 | 773.3 |
| 25° | 663.2 | 664.6 | 678.7 | 689.3 | 698.5 | 704.8 | 719.0 | 733.8 | 742.2 | 744.4 | 750.7 |
| 27.5° | 636.4 | 639.2 | 652.6 | 663.2 | 671.0 | 675.2 | 690.0 | 705.6 | 711.9 | 714.0 | 720.4 |
| 30° | 605.4 | 606.1 | 619.5 | 628.6 | 636.4 | 639.9 | 652.6 | 668.9 | 673.8 | 675.9 | 685.1 |
| 32.5° | 567.3 | 566.6 | 579.3 | 587.7 | 594.1 | 598.3 | 611.7 | 622.3 | 627.2 | 630.8 | 635.7 |
| 35° | 521.4 | 520.7 | 529.9 | 539.7 | 544.7 | 546.1 | 559.5 | 570.8 | 573.6 | 576.4 | 582.8 |
| 37.5° | 469.9 | 469.9 | 477.7 | 482.6 | 488.2 | 490.4 | 496.7 | 509.4 | 514.3 | 513.6 | 518.6 |
| 40° | 415.6 | 412.7 | 418.4 | 423.3 | 424.7 | 425.4 | 431.8 | 441.7 | 445.2 | 445.2 | 448.7 |
| 42.5° | 358.4 | 354.2 | 354.9 | 357.7 | 359.1 | 354.2 | 358.4 | 364.8 | 362.7 | 365.5 | 366.2 |
| 45° | 297.7 | 291.4 | 288.6 | 282.2 | 283.6 | 278.7 | 275.9 | 277.3 | 276.6 | 269.5 | 270.9 |
| 47.5° | 248.4 | 237.1 | 232.1 | 223.0 | 220.8 | 215.2 | 211.7 | 205.3 | 199.7 | 199.7 | 196.1 |
| 50° | 206.7 | 195.4 | 185.6 | 175.0 | 171.4 | 166.5 | 158.7 | 150.3 | 146.0 | 141.8 | 138.3 |
| 52.5° | 173.6 | 161.6 | 149.6 | 138.3 | 133.3 | 127.0 | 116.4 | 107.9 | 100.2 | 96.0 | 91.7 |
| 55° | 146.8 | 133.3 | 120.6 | 108.7 | 102.3 | 96.0 | 85.4 | 75.5 | 66.3 | 60.7 | 57.1 |
| 57.5° | 126.3 | 113.6 | 100.2 | 87.5 | 81.8 | 74.8 | 63.5 | 52.9 | 44.4 | 38.1 | 34.6 |
| 60° | 111.5 | 98.8 | 86.8 | 73.4 | 67.7 | 60.7 | 48.7 | 38.8 | 30.3 | 24.7 | 20.5 |
| 62.5° | 98.8 | 87.5 | 74.8 | 62.8 | 57.1 | 50.1 | 38.8 | 28.9 | 21.2 | 15.5 | 12.0 |
| 65° | 89.6 | 78.3 | 67.7 | 55.7 | 50.8 | 43.7 | 33.2 | 24.0 | 16.9 | 12.0 | 8.5 |
| 67.5° | 79.0 | 69.1 | 58.6 | 48.7 | 43.7 | 38.1 | 28.2 | 20.5 | 14.1 | 9.9 | 7.1 |
| 70° | 66.3 | 58.6 | 49.4 | 40.2 | 36.7 | 31.7 | 23.3 | 16.9 | 11.3 | 7.8 | 5.6 |
| 72.5° | 52.9 | 46.6 | 39.5 | 32.5 | 29.6 | 24.7 | 19.0 | 13.4 | 8.5 | 5.6 | 4.2 |
| 75° | 40.2 | 35.3 | 29.6 | 24.7 | 21.9 | 19.0 | 14.1 | 9.9 | 6.3 | 4.2 | 2.8 |
| 77.5° | 27.5 | 25.4 | 21.2 | 16.9 | 15.5 | 13.4 | 9.2 | 6.3 | 4.2 | 2.8 | 1.4 |
| 80° | 19.0 | 16.9 | 14.1 | 11.3 | 9.9 | 8.5 | 5.6 | 4.2 | 2.1 | 1.4 | 0.7 |
| 82.5° | 12.0 | 9.9 | 8.5 | 7.1 | 6.3 | 4.9 | 3.5 | 2.1 | 1.4 | 0.7 | 0.7 |
| 85° | 6.3 | 5.6 | 4.9 | 3.5 | 3.5 | 2.8 | 2.1 | 1.4 | 0.7 | 0.0 | 0.0 |
| 87.5° | 3.5 | 2.8 | 2.1 | 1.4 | 1.4 | 0.7 | 0.7 | 0.7 | 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 |



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CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 738.0 | 738.0 | 738.0 | 738.0 | 738.0 | 738.0 | 738.0 | 738.0 | 738.0 | 738.0 | 738.0 |
| 2.5° | 742.2 | 742.2 | 741.5 | 750.0 | 740.1 | 750.0 | 745.1 | 750.0 | 742.9 | 742.2 | 742.9 |
| 5° | 747.9 | 750.0 | 750.7 | 758.5 | 749.3 | 761.3 | 757.1 | 761.3 | 756.4 | 757.8 | 759.9 |
| 7.5° | 759.2 | 762.7 | 762.0 | 771.9 | 762.7 | 776.1 | 773.3 | 779.6 | 774.7 | 776.1 | 778.9 |
| 10° | 771.9 | 776.1 | 776.8 | 786.7 | 778.2 | 794.5 | 790.9 | 798.0 | 793.7 | 795.9 | 799.4 |
| 12.5° | 786.7 | 791.6 | 792.3 | 803.6 | 794.5 | 811.4 | 809.3 | 816.3 | 812.8 | 814.9 | 819.1 |
| 15° | 798.0 | 805.0 | 806.4 | 817.7 | 807.9 | 825.5 | 824.1 | 833.3 | 827.6 | 831.1 | 834.7 |
| 17.5° | 803.6 | 810.0 | 812.8 | 823.4 | 814.9 | 832.6 | 831.1 | 838.9 | 834.7 | 838.2 | 842.4 |
| 20° | 800.1 | 807.9 | 810.0 | 820.6 | 812.1 | 829.7 | 827.6 | 835.4 | 831.1 | 834.0 | 838.2 |
| 22.5° | 787.4 | 795.2 | 798.0 | 807.9 | 800.1 | 816.3 | 815.6 | 822.7 | 817.0 | 820.6 | 824.1 |
| 25° | 764.8 | 773.3 | 774.7 | 783.9 | 775.4 | 792.3 | 790.9 | 798.7 | 794.5 | 796.6 | 801.5 |
| 27.5° | 732.4 | 742.2 | 744.4 | 752.1 | 745.8 | 759.9 | 759.9 | 766.2 | 761.3 | 761.3 | 766.2 |
| 30° | 693.6 | 703.4 | 704.8 | 711.2 | 705.6 | 718.3 | 719.0 | 725.3 | 717.5 | 721.8 | 722.5 |
| 32.5° | 646.3 | 652.6 | 656.9 | 662.5 | 654.0 | 670.3 | 668.2 | 673.1 | 668.9 | 668.9 | 672.4 |
| 35° | 589.1 | 596.9 | 599.0 | 606.1 | 599.0 | 611.7 | 611.7 | 614.5 | 610.3 | 610.3 | 615.9 |
| 37.5° | 527.0 | 532.7 | 533.4 | 540.5 | 534.8 | 545.4 | 544.7 | 546.8 | 542.6 | 545.4 | 545.4 |
| 40° | 454.4 | 458.6 | 460.0 | 463.5 | 462.8 | 470.6 | 469.9 | 471.3 | 469.2 | 469.9 | 471.3 |
| 42.5° | 369.7 | 375.4 | 378.2 | 381.0 | 376.8 | 387.3 | 385.2 | 387.3 | 386.6 | 387.3 | 389.5 |
| 45° | 272.3 | 276.6 | 278.7 | 279.4 | 278.0 | 284.3 | 289.3 | 285.0 | 285.7 | 284.3 | 287.2 |
| 47.5° | 196.8 | 197.6 | 196.1 | 200.4 | 196.8 | 199.7 | 201.1 | 201.8 | 197.6 | 196.8 | 199.7 |
| 50° | 134.8 | 138.3 | 133.3 | 135.5 | 134.8 | 137.6 | 136.2 | 136.9 | 132.6 | 134.8 | 133.3 |
| 52.5° | 89.6 | 88.9 | 87.5 | 88.2 | 86.8 | 86.8 | 86.8 | 88.2 | 85.4 | 84.0 | 82.5 |
| 55° | 54.3 | 52.9 | 50.1 | 49.4 | 49.4 | 50.1 | 48.7 | 47.3 | 47.3 | 46.6 | 46.6 |
| 57.5° | 31.7 | 29.6 | 28.2 | 27.5 | 26.1 | 25.4 | 24.7 | 24.7 | 23.3 | 23.3 | 23.3 |
| 60° | 17.6 | 15.5 | 14.1 | 12.7 | 12.7 | 12.0 | 11.3 | 10.6 | 10.6 | 10.6 | 9.9 |
| 62.5° | 9.2 | 7.8 | 6.3 | 5.6 | 5.6 | 4.9 | 4.2 | 4.2 | 4.2 | 4.2 | 3.5 |
| 65° | 6.3 | 4.9 | 4.2 | 3.5 | 3.5 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 |
| 67.5° | 4.9 | 4.2 | 3.5 | 2.8 | 2.8 | 2.8 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| 70° | 4.2 | 2.8 | 2.8 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| 72.5° | 2.8 | 2.8 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| 75° | 2.1 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 77.5° | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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: P252146

CATALOG NUMBER: LD6B15D010 EU6B10209024 6LBSW1LI

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 0° | 738.0 | 738.0 | 738.0 | 738.0 | 738.0 | 738.0 | 738.0 | 738.0 |
| 2.5° | 749.3 | 748.6 | 749.3 | 750.7 | 747.9 | 756.4 | 752.1 | 756.4 |
| 5° | 765.5 | 766.2 | 766.9 | 769.1 | 765.5 | 776.1 | 770.5 | 776.8 |
| 7.5° | 786.7 | 787.4 | 788.1 | 790.2 | 788.1 | 798.7 | 792.3 | 798.0 |
| 10° | 808.6 | 810.0 | 810.0 | 813.5 | 811.4 | 821.3 | 817.0 | 824.1 |
| 12.5° | 829.0 | 830.4 | 831.8 | 834.0 | 832.6 | 843.1 | 839.6 | 845.3 |
| 15° | 845.3 | 848.1 | 848.8 | 851.6 | 850.2 | 861.5 | 857.2 | 862.9 |
| 17.5° | 853.0 | 855.8 | 855.8 | 859.4 | 858.0 | 869.9 | 864.3 | 870.7 |
| 20° | 848.8 | 850.9 | 851.6 | 855.1 | 853.7 | 865.7 | 860.1 | 867.8 |
| 22.5° | 835.4 | 836.1 | 836.8 | 840.3 | 839.6 | 850.2 | 845.3 | 850.2 |
| 25° | 810.7 | 812.8 | 812.1 | 814.9 | 814.9 | 823.4 | 817.7 | 822.0 |
| 27.5° | 775.4 | 777.5 | 777.5 | 781.0 | 778.2 | 786.7 | 781.0 | 787.4 |
| 30° | 732.4 | 734.5 | 733.1 | 735.9 | 733.1 | 741.5 | 737.3 | 739.4 |
| 32.5° | 680.9 | 680.9 | 681.6 | 682.3 | 680.9 | 688.6 | 684.4 | 688.6 |
| 35° | 619.5 | 620.9 | 621.6 | 622.3 | 620.9 | 626.5 | 621.6 | 624.4 |
| 37.5° | 550.3 | 553.9 | 553.2 | 553.9 | 551.7 | 558.8 | 554.6 | 556.0 |
| 40° | 476.2 | 476.2 | 475.5 | 477.0 | 474.8 | 480.5 | 477.7 | 479.1 |
| 42.5° | 390.2 | 392.3 | 389.5 | 393.0 | 387.3 | 395.1 | 392.3 | 390.2 |
| 45° | 292.8 | 290.0 | 289.3 | 290.0 | 287.9 | 288.6 | 290.7 | 289.3 |
| 47.5° | 199.7 | 199.7 | 198.3 | 196.1 | 199.0 | 199.7 | 196.8 | 196.8 |
| 50° | 134.1 | 134.1 | 132.6 | 131.9 | 133.3 | 132.6 | 131.2 | 133.3 |
| 52.5° | 85.4 | 82.5 | 82.5 | 84.0 | 82.5 | 81.1 | 83.3 | 81.8 |
| 55° | 46.6 | 45.2 | 45.2 | 46.6 | 45.2 | 45.2 | 44.4 | 45.9 |
| 57.5° | 22.6 | 23.3 | 22.6 | 22.6 | 22.6 | 22.6 | 21.9 | 22.6 |
| 60° | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 |
| 62.5° | 4.2 | 4.2 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 |
| 65° | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 |
| 67.5° | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.8 | 2.1 | 2.1 |
| 70° | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| 72.5° | 2.1 | 2.1 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 |
| 75° | 1.4 | 1.4 | 1.4 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 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 |



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













(END OF REPORT)