

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: P274429

Luminaire Tested: **LD6B15DE010W2N2765 EU6B1020W2N902765 6LBSW0LI**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P274429
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-1808-906-18)
Test Lab: INNOVATION CENTER(G1)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: io LED
Catalog Number: LD6B15DE010W2N2765 EU6B1020W2N902765 6LBSW0LI
Description: PORTFOLIO 6" W2N RN DOWNLIGHT, SINGLE WALLWASH WITH SPECULAR FINISH
Light Source: W2N 2700K-6500K CCT TUNING RANGE
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1374.8 lumens
Efficiency: N/A
Efficacy: 62.5 lumens/watt
Spacing Criteria (0/90/45): 1.19 / 1.24 / 1.16
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

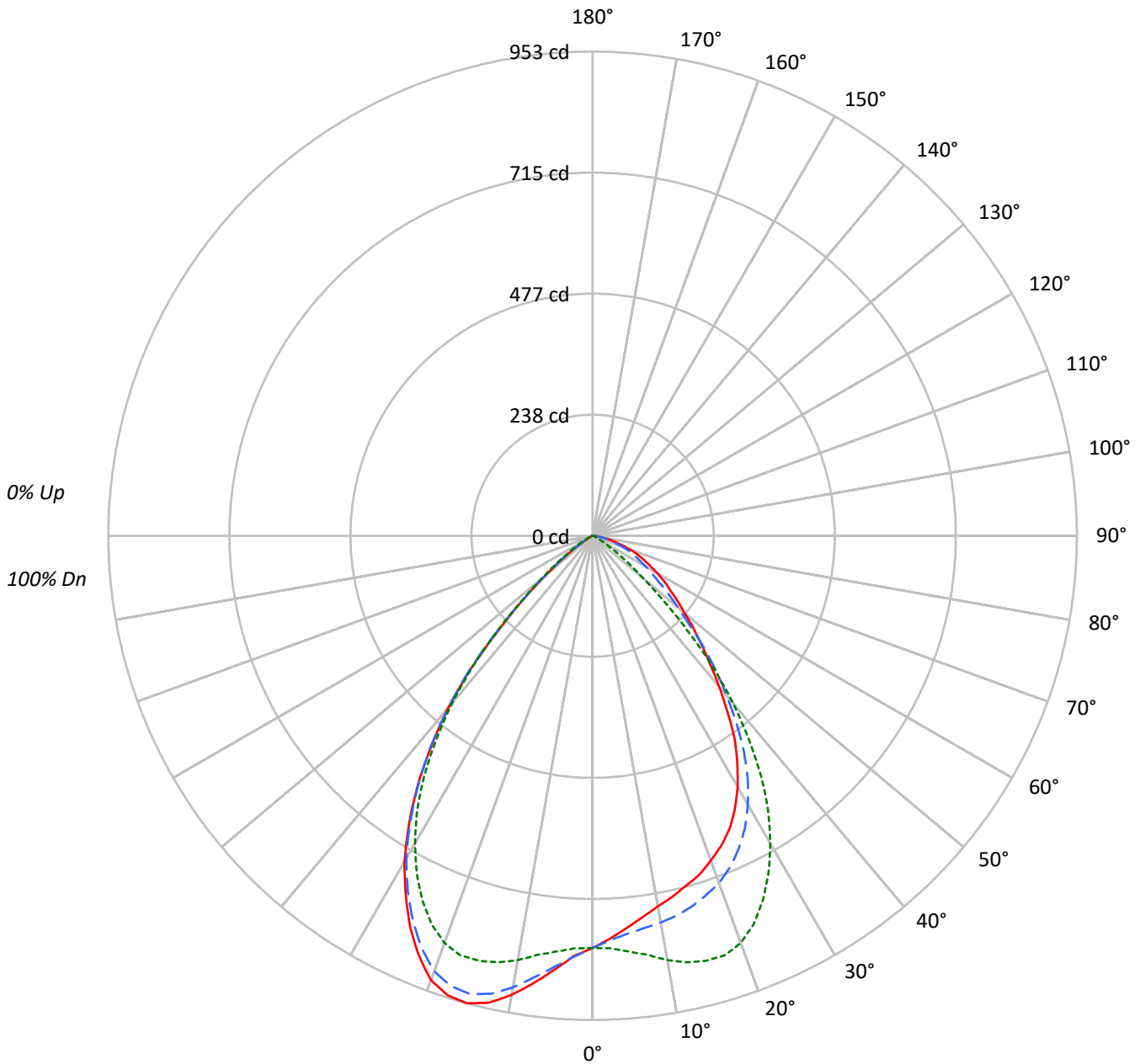
Input Watts (W): 22
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P274429

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Luminous Intensity Polar Plot





TEST NUMBER: P274429

CATALOG NUMBER: LD6B15DE010W2N2765 EU6B1020W2N902765 6LBSW0LI

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 | 103 | 110 | 107 | 104 | 101 | 102 | 100 | 98 | 99 | 97 | 95 | 95 | 94 | 92 | 91 | | | | | | | | | | | | | | | | | | | |
| 2 | 105 | 99 | 94 | 90 | 103 | 97 | 93 | 89 | 94 | 90 | 87 | 91 | 88 | 85 | 88 | 85 | 83 | 81 | | | | | | | | | | | | | | | | | | | |
| 3 | 98 | 90 | 84 | 79 | 96 | 89 | 83 | 78 | 86 | 81 | 77 | 83 | 79 | 76 | 81 | 78 | 75 | 73 | | | | | | | | | | | | | | | | | | | |
| 4 | 92 | 82 | 76 | 70 | 90 | 81 | 75 | 70 | 79 | 73 | 69 | 77 | 72 | 68 | 75 | 71 | 67 | 66 | | | | | | | | | | | | | | | | | | | |
| 5 | 86 | 76 | 68 | 63 | 84 | 75 | 68 | 63 | 73 | 67 | 62 | 71 | 66 | 62 | 69 | 65 | 61 | 59 | | | | | | | | | | | | | | | | | | | |
| 6 | 80 | 70 | 62 | 57 | 79 | 69 | 62 | 57 | 67 | 61 | 56 | 66 | 60 | 56 | 64 | 59 | 56 | 54 | | | | | | | | | | | | | | | | | | | |
| 7 | 75 | 64 | 57 | 52 | 74 | 63 | 57 | 52 | 62 | 56 | 51 | 61 | 55 | 51 | 60 | 55 | 51 | 49 | | | | | | | | | | | | | | | | | | | |
| 8 | 71 | 59 | 52 | 47 | 69 | 59 | 52 | 47 | 58 | 51 | 47 | 57 | 51 | 47 | 55 | 50 | 47 | 45 | | | | | | | | | | | | | | | | | | | |
| 9 | 67 | 55 | 48 | 44 | 65 | 55 | 48 | 43 | 54 | 48 | 43 | 53 | 47 | 43 | 52 | 47 | 43 | 41 | | | | | | | | | | | | | | | | | | | |
| 10 | 63 | 52 | 45 | 40 | 62 | 51 | 45 | 40 | 50 | 44 | 40 | 49 | 44 | 40 | 48 | 43 | 40 | 38 | | | | | | | | | | | | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|-------|-------|-------|
| 0° | 44476 | 44476 | 44476 |
| 5° | 42615 | 45212 | 47160 |
| 10° | 41221 | 47210 | 51073 |
| 15° | 40432 | 49138 | 54081 |
| 20° | 39670 | 49739 | 54296 |
| 25° | 38543 | 47912 | 51390 |
| 30° | 36132 | 44260 | 46874 |
| 35° | 32578 | 38695 | 40174 |
| 40° | 27659 | 30715 | 31666 |
| 45° | 23444 | 20467 | 20010 |
| 50° | 20127 | 11070 | 9936 |
| 55° | 17768 | 5496 | 4091 |
| 60° | 16007 | 2423 | 976 |
| 65° | 14347 | 1154 | 389 |
| 70° | 12294 | 946 | 240 |
| 75° | 9383 | 635 | 0 |
| 80° | 6535 | 474 | 0 |
| 85° | 5598 | 0 | 0 |



TEST NUMBER: P274429

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 78.8 | 5.7 |
| 10°-20° | 238.1 | 17.3 |
| 20°-30° | 348.9 | 25.4 |
| 30°-40° | 345.9 | 25.2 |
| 40°-50° | 216.9 | 15.8 |
| 50°-60° | 88.1 | 6.4 |
| 60°-70° | 39.2 | 2.9 |
| 70°-80° | 16.2 | 1.2 |
| 80°-90° | 2.8 | 0.2 |
| 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° | 665.8 | 48.4 |
| 0°-40° | 1011.6 | 73.6 |
| 0°-60° | 1316.6 | 95.8 |
| 0°-90° | 1374.8 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1374.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|-----|-----|-----|------|------|------|
| 0° | 811 | 811 | 811 | 811 | 811 | |
| 5° | 774 | 786 | 822 | 851 | 857 | 73 |
| 15° | 712 | 755 | 866 | 934 | 953 | 201 |
| 25° | 637 | 680 | 792 | 836 | 850 | 291 |
| 35° | 487 | 519 | 578 | 597 | 600 | 301 |
| 45° | 302 | 307 | 264 | 264 | 258 | 235 |
| 55° | 186 | 159 | 58 | 46 | 43 | 168 |
| 65° | 111 | 90 | 9 | 3 | 3 | 110 |
| 75° | 44 | 34 | 3 | 2 | 0 | 49 |
| 85° | 9 | 4 | 0 | 0 | 0 | 10 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P274429

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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 811.3 | 811.3 | 811.3 | 811.3 | 811.3 | 811.3 | 811.3 | 811.3 | 811.3 | 811.3 | 811.3 |
| 2.5° | 793.6 | 792.1 | 792.1 | 793.6 | 793.6 | 793.6 | 793.6 | 795.0 | 795.0 | 796.5 | 796.5 |
| 5° | 774.4 | 772.9 | 774.4 | 777.3 | 777.3 | 777.3 | 778.8 | 780.3 | 783.2 | 783.2 | 786.2 |
| 7.5° | 756.7 | 756.7 | 759.6 | 761.1 | 762.6 | 762.6 | 762.6 | 767.0 | 770.0 | 775.9 | 778.8 |
| 10° | 740.5 | 739.0 | 744.9 | 746.4 | 750.8 | 749.3 | 750.8 | 755.2 | 761.1 | 765.5 | 772.9 |
| 12.5° | 727.2 | 727.2 | 731.6 | 731.6 | 736.0 | 739.0 | 737.5 | 744.9 | 749.3 | 756.7 | 765.5 |
| 15° | 712.4 | 712.4 | 715.4 | 718.3 | 721.3 | 722.8 | 724.2 | 731.6 | 737.5 | 744.9 | 755.2 |
| 17.5° | 699.2 | 696.2 | 699.2 | 702.1 | 706.5 | 706.5 | 711.0 | 715.4 | 724.2 | 731.6 | 741.9 |
| 20° | 680.0 | 680.0 | 682.9 | 684.4 | 688.8 | 691.8 | 693.3 | 699.2 | 706.5 | 715.4 | 727.2 |
| 22.5° | 660.8 | 660.8 | 663.8 | 665.2 | 669.7 | 671.1 | 672.6 | 680.0 | 685.9 | 694.7 | 706.5 |
| 25° | 637.2 | 637.2 | 640.2 | 641.6 | 646.1 | 646.1 | 650.5 | 654.9 | 660.8 | 671.1 | 680.0 |
| 27.5° | 606.2 | 609.2 | 609.2 | 612.1 | 615.1 | 616.6 | 619.5 | 623.9 | 629.8 | 638.7 | 649.0 |
| 30° | 570.8 | 569.4 | 573.8 | 575.3 | 579.7 | 581.2 | 585.6 | 588.5 | 594.4 | 603.3 | 610.7 |
| 32.5° | 529.5 | 532.5 | 534.0 | 535.4 | 538.4 | 539.9 | 542.8 | 547.2 | 553.1 | 559.0 | 567.9 |
| 35° | 486.8 | 486.8 | 486.8 | 488.2 | 491.2 | 494.1 | 495.6 | 500.0 | 505.9 | 513.3 | 519.2 |
| 37.5° | 435.1 | 436.6 | 439.6 | 439.6 | 444.0 | 445.5 | 446.9 | 451.4 | 457.3 | 461.7 | 464.6 |
| 40° | 386.5 | 387.9 | 389.4 | 389.4 | 392.4 | 395.3 | 393.8 | 399.7 | 402.7 | 407.1 | 410.1 |
| 42.5° | 342.2 | 340.7 | 345.2 | 346.6 | 346.6 | 349.6 | 351.1 | 352.5 | 354.0 | 357.0 | 357.0 |
| 45° | 302.4 | 300.9 | 303.9 | 303.9 | 305.3 | 305.3 | 306.8 | 306.8 | 306.8 | 309.8 | 306.8 |
| 47.5° | 268.5 | 265.5 | 267.0 | 267.0 | 265.5 | 267.0 | 267.0 | 265.5 | 264.0 | 261.1 | 256.7 |
| 50° | 236.0 | 236.0 | 236.0 | 234.5 | 234.5 | 234.5 | 233.1 | 233.1 | 228.6 | 225.7 | 218.3 |
| 52.5° | 209.5 | 209.5 | 209.5 | 208.0 | 205.0 | 206.5 | 206.5 | 202.1 | 199.1 | 194.7 | 187.3 |
| 55° | 185.9 | 185.9 | 185.9 | 184.4 | 182.9 | 181.4 | 180.0 | 178.5 | 172.6 | 169.6 | 159.3 |
| 57.5° | 166.7 | 163.7 | 163.7 | 163.7 | 160.8 | 160.8 | 159.3 | 154.9 | 150.5 | 146.0 | 138.7 |
| 60° | 146.0 | 146.0 | 146.0 | 143.1 | 143.1 | 141.6 | 140.1 | 135.7 | 132.8 | 126.9 | 119.5 |
| 62.5° | 126.9 | 126.9 | 125.4 | 125.4 | 123.9 | 122.4 | 121.0 | 118.0 | 115.1 | 110.6 | 103.3 |
| 65° | 110.6 | 110.6 | 109.2 | 109.2 | 107.7 | 106.2 | 106.2 | 103.3 | 100.3 | 95.9 | 90.0 |
| 67.5° | 94.4 | 94.4 | 92.9 | 92.9 | 91.5 | 90.0 | 90.0 | 87.0 | 84.1 | 81.1 | 76.7 |
| 70° | 76.7 | 75.2 | 75.2 | 75.2 | 73.8 | 72.3 | 72.3 | 70.8 | 67.9 | 64.9 | 62.0 |
| 72.5° | 59.0 | 59.0 | 59.0 | 57.5 | 57.5 | 56.1 | 56.1 | 54.6 | 53.1 | 50.2 | 47.2 |
| 75° | 44.3 | 44.3 | 44.3 | 42.8 | 42.8 | 41.3 | 41.3 | 39.8 | 38.4 | 36.9 | 33.9 |
| 77.5° | 32.5 | 31.0 | 31.0 | 29.5 | 29.5 | 29.5 | 29.5 | 26.6 | 26.6 | 25.1 | 23.6 |
| 80° | 20.7 | 20.7 | 20.7 | 20.7 | 19.2 | 19.2 | 19.2 | 17.7 | 17.7 | 16.2 | 14.8 |
| 82.5° | 13.3 | 13.3 | 13.3 | 13.3 | 13.3 | 11.8 | 11.8 | 11.8 | 10.3 | 10.3 | 8.9 |
| 85° | 8.9 | 8.9 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 5.9 | 5.9 | 5.9 | 4.4 |
| 87.5° | 4.4 | 4.4 | 4.4 | 4.4 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 1.5 |
| 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° | 811.3 | 811.3 | 811.3 | 811.3 | 811.3 | 811.3 | 811.3 | 811.3 | 811.3 | 811.3 | 811.3 |
| 2.5° | 799.5 | 799.5 | 805.4 | 803.9 | 805.4 | 803.9 | 808.3 | 809.8 | 811.3 | 812.7 | 814.2 |
| 5° | 792.1 | 793.6 | 798.0 | 800.9 | 802.4 | 802.4 | 809.8 | 812.7 | 817.2 | 821.6 | 824.5 |
| 7.5° | 786.2 | 790.6 | 796.5 | 802.4 | 805.4 | 805.4 | 815.7 | 820.1 | 827.5 | 831.9 | 837.8 |
| 10° | 781.8 | 789.1 | 796.5 | 805.4 | 812.7 | 812.7 | 826.0 | 833.4 | 840.8 | 848.1 | 857.0 |
| 12.5° | 772.9 | 784.7 | 793.6 | 805.4 | 812.7 | 812.7 | 830.4 | 840.8 | 849.6 | 859.9 | 871.7 |
| 15° | 767.0 | 775.9 | 790.6 | 802.4 | 809.8 | 812.7 | 831.9 | 843.7 | 854.0 | 865.8 | 877.6 |
| 17.5° | 755.2 | 765.5 | 780.3 | 795.0 | 803.9 | 808.3 | 826.0 | 837.8 | 852.6 | 865.8 | 873.2 |
| 20° | 739.0 | 750.8 | 765.5 | 781.8 | 789.1 | 793.6 | 814.2 | 824.5 | 839.3 | 852.6 | 861.4 |
| 22.5° | 718.3 | 730.1 | 744.9 | 759.6 | 767.0 | 774.4 | 792.1 | 803.9 | 815.7 | 827.5 | 834.9 |
| 25° | 690.3 | 705.1 | 716.9 | 731.6 | 739.0 | 744.9 | 759.6 | 771.4 | 781.8 | 792.1 | 802.4 |
| 27.5° | 656.4 | 669.7 | 682.9 | 696.2 | 702.1 | 706.5 | 719.8 | 731.6 | 741.9 | 749.3 | 758.2 |
| 30° | 621.0 | 629.8 | 643.1 | 654.9 | 659.3 | 662.3 | 672.6 | 680.0 | 691.8 | 699.2 | 703.6 |
| 32.5° | 575.3 | 585.6 | 593.0 | 603.3 | 607.7 | 610.7 | 621.0 | 626.9 | 635.7 | 643.1 | 649.0 |
| 35° | 528.1 | 529.5 | 538.4 | 547.2 | 547.2 | 551.7 | 560.5 | 566.4 | 570.8 | 578.2 | 582.6 |
| 37.5° | 469.1 | 472.0 | 480.9 | 485.3 | 485.3 | 483.8 | 492.7 | 495.6 | 503.0 | 504.5 | 508.9 |
| 40° | 413.0 | 416.0 | 417.4 | 418.9 | 418.9 | 418.9 | 421.9 | 420.4 | 427.8 | 429.2 | 430.7 |
| 42.5° | 357.0 | 355.5 | 357.0 | 351.1 | 351.1 | 348.1 | 345.2 | 345.2 | 345.2 | 349.6 | 351.1 |
| 45° | 302.4 | 298.0 | 289.1 | 281.7 | 283.2 | 277.3 | 269.9 | 267.0 | 264.0 | 264.0 | 264.0 |
| 47.5° | 250.8 | 241.9 | 231.6 | 221.3 | 215.4 | 209.5 | 200.6 | 193.2 | 188.8 | 187.3 | 185.9 |
| 50° | 209.5 | 200.6 | 187.3 | 172.6 | 166.7 | 159.3 | 149.0 | 138.7 | 134.2 | 129.8 | 128.3 |
| 52.5° | 177.0 | 165.2 | 150.5 | 134.2 | 126.9 | 119.5 | 109.2 | 100.3 | 92.9 | 88.5 | 85.6 |
| 55° | 149.0 | 137.2 | 121.0 | 104.7 | 98.8 | 90.0 | 78.2 | 69.3 | 62.0 | 57.5 | 53.1 |
| 57.5° | 129.8 | 116.5 | 100.3 | 84.1 | 76.7 | 69.3 | 56.1 | 47.2 | 39.8 | 35.4 | 32.5 |
| 60° | 110.6 | 98.8 | 84.1 | 67.9 | 60.5 | 53.1 | 41.3 | 32.5 | 25.1 | 22.1 | 17.7 |
| 62.5° | 94.4 | 84.1 | 70.8 | 54.6 | 47.2 | 41.3 | 31.0 | 22.1 | 16.2 | 13.3 | 10.3 |
| 65° | 82.6 | 72.3 | 60.5 | 47.2 | 39.8 | 33.9 | 25.1 | 17.7 | 13.3 | 8.9 | 7.4 |
| 67.5° | 69.3 | 60.5 | 50.2 | 38.4 | 33.9 | 28.0 | 20.7 | 14.8 | 10.3 | 7.4 | 5.9 |
| 70° | 56.1 | 48.7 | 39.8 | 31.0 | 26.6 | 22.1 | 16.2 | 11.8 | 7.4 | 5.9 | 4.4 |
| 72.5° | 41.3 | 36.9 | 29.5 | 23.6 | 19.2 | 16.2 | 11.8 | 8.9 | 5.9 | 4.4 | 3.0 |
| 75° | 29.5 | 26.6 | 20.7 | 16.2 | 13.3 | 11.8 | 8.9 | 5.9 | 4.4 | 3.0 | 1.5 |
| 77.5° | 20.7 | 17.7 | 14.8 | 11.8 | 8.9 | 8.9 | 5.9 | 4.4 | 3.0 | 1.5 | 1.5 |
| 80° | 13.3 | 11.8 | 8.9 | 7.4 | 5.9 | 4.4 | 3.0 | 1.5 | 1.5 | 1.5 | 0.0 |
| 82.5° | 7.4 | 5.9 | 5.9 | 4.4 | 3.0 | 3.0 | 1.5 | 1.5 | 0.0 | 0.0 | 0.0 |
| 85° | 4.4 | 3.0 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 1.5 | 1.5 | 1.5 | 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 | 0.0 | 0.0 | 0.0 |



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CATALOG NUMBER: LD6B15DE010W2N2765 EU6B1020W2N902765 6LBSW0LI

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 811.3 | 811.3 | 811.3 | 811.3 | 811.3 | 811.3 | 811.3 | 811.3 | 811.3 | 811.3 | 811.3 |
| 2.5° | 815.7 | 817.2 | 818.6 | 820.1 | 821.6 | 821.6 | 821.6 | 826.0 | 829.0 | 829.0 | 830.4 |
| 5° | 827.5 | 831.9 | 831.9 | 836.3 | 837.8 | 839.3 | 840.8 | 846.7 | 851.1 | 848.1 | 852.6 |
| 7.5° | 842.2 | 852.6 | 852.6 | 857.0 | 859.9 | 861.4 | 867.3 | 873.2 | 876.2 | 877.6 | 879.1 |
| 10° | 862.9 | 871.7 | 876.2 | 877.6 | 882.1 | 885.0 | 892.4 | 898.3 | 902.7 | 905.7 | 908.6 |
| 12.5° | 877.6 | 886.5 | 890.9 | 898.3 | 901.2 | 905.7 | 911.6 | 917.5 | 923.4 | 927.8 | 932.2 |
| 15° | 886.5 | 895.3 | 901.2 | 905.7 | 910.1 | 914.5 | 920.4 | 929.3 | 933.7 | 936.6 | 941.1 |
| 17.5° | 882.1 | 892.4 | 896.8 | 904.2 | 908.6 | 911.6 | 917.5 | 923.4 | 929.3 | 930.7 | 933.7 |
| 20° | 867.3 | 876.2 | 883.5 | 886.5 | 890.9 | 895.3 | 899.8 | 905.7 | 911.6 | 911.6 | 917.5 |
| 22.5° | 843.7 | 852.6 | 857.0 | 858.5 | 861.4 | 868.8 | 868.8 | 876.2 | 879.1 | 880.6 | 885.0 |
| 25° | 806.8 | 814.2 | 818.6 | 821.6 | 824.5 | 826.0 | 830.4 | 836.3 | 836.3 | 839.3 | 840.8 |
| 27.5° | 764.1 | 768.5 | 772.9 | 775.9 | 778.8 | 778.8 | 781.8 | 787.7 | 787.7 | 789.1 | 790.6 |
| 30° | 712.4 | 718.3 | 719.8 | 722.8 | 721.3 | 724.2 | 728.7 | 731.6 | 733.1 | 731.6 | 736.0 |
| 32.5° | 652.0 | 656.4 | 659.3 | 662.3 | 662.3 | 663.8 | 663.8 | 666.7 | 668.2 | 669.7 | 672.6 |
| 35° | 584.1 | 588.5 | 590.0 | 591.5 | 595.9 | 593.0 | 594.4 | 597.4 | 597.4 | 600.3 | 597.4 |
| 37.5° | 510.4 | 516.3 | 520.7 | 516.3 | 517.7 | 520.7 | 520.7 | 520.7 | 523.6 | 522.2 | 522.2 |
| 40° | 435.1 | 435.1 | 436.6 | 439.6 | 438.1 | 442.5 | 441.0 | 442.5 | 441.0 | 442.5 | 444.0 |
| 42.5° | 354.0 | 349.6 | 355.5 | 352.5 | 355.5 | 355.5 | 355.5 | 357.0 | 358.4 | 357.0 | 354.0 |
| 45° | 261.1 | 264.0 | 259.6 | 259.6 | 261.1 | 262.6 | 262.6 | 262.6 | 264.0 | 261.1 | 262.6 |
| 47.5° | 184.4 | 182.9 | 181.4 | 181.4 | 182.9 | 181.4 | 181.4 | 184.4 | 181.4 | 181.4 | 180.0 |
| 50° | 128.3 | 125.4 | 125.4 | 122.4 | 123.9 | 122.4 | 123.9 | 123.9 | 121.0 | 122.4 | 121.0 |
| 52.5° | 82.6 | 82.6 | 79.7 | 79.7 | 79.7 | 79.7 | 78.2 | 78.2 | 78.2 | 75.2 | 75.2 |
| 55° | 51.6 | 50.2 | 47.2 | 47.2 | 47.2 | 45.7 | 44.3 | 44.3 | 45.7 | 44.3 | 44.3 |
| 57.5° | 29.5 | 28.0 | 25.1 | 25.1 | 25.1 | 23.6 | 23.6 | 22.1 | 22.1 | 22.1 | 22.1 |
| 60° | 16.2 | 13.3 | 11.8 | 11.8 | 11.8 | 10.3 | 10.3 | 10.3 | 8.9 | 8.9 | 8.9 |
| 62.5° | 7.4 | 5.9 | 5.9 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 3.0 | 3.0 | 3.0 |
| 65° | 5.9 | 4.4 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 67.5° | 4.4 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 1.5 | 1.5 | 3.0 | 1.5 |
| 70° | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 72.5° | 3.0 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 75° | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 0.0 | 1.5 | 1.5 | 1.5 |
| 77.5° | 1.5 | 1.5 | 1.5 | 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 | 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: P274429

CATALOG NUMBER: LD6B15DE010W2N2765 EU6B1020W2N902765 6LBSW0LI

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 0° | 811.3 | 811.3 | 811.3 | 811.3 | 811.3 | 811.3 | 811.3 | 811.3 |
| 2.5° | 831.9 | 833.4 | 830.4 | 831.9 | 831.9 | 833.4 | 830.4 | 827.5 |
| 5° | 857.0 | 857.0 | 855.5 | 857.0 | 855.5 | 857.0 | 858.5 | 857.0 |
| 7.5° | 885.0 | 886.5 | 888.0 | 886.5 | 886.5 | 888.0 | 889.4 | 888.0 |
| 10° | 913.0 | 914.5 | 917.5 | 916.0 | 918.9 | 920.4 | 917.5 | 917.5 |
| 12.5° | 933.7 | 936.6 | 939.6 | 938.1 | 941.1 | 942.5 | 942.5 | 941.1 |
| 15° | 944.0 | 949.9 | 949.9 | 948.4 | 951.4 | 954.3 | 954.3 | 952.9 |
| 17.5° | 939.6 | 944.0 | 944.0 | 945.5 | 947.0 | 949.9 | 948.4 | 948.4 |
| 20° | 921.9 | 926.3 | 924.8 | 924.8 | 926.3 | 930.7 | 929.3 | 930.7 |
| 22.5° | 889.4 | 890.9 | 892.4 | 892.4 | 892.4 | 896.8 | 895.3 | 893.9 |
| 25° | 846.7 | 849.6 | 849.6 | 849.6 | 851.1 | 851.1 | 851.1 | 849.6 |
| 27.5° | 796.5 | 798.0 | 799.5 | 796.5 | 796.5 | 799.5 | 799.5 | 796.5 |
| 30° | 740.5 | 739.0 | 740.5 | 739.0 | 740.5 | 740.5 | 740.5 | 740.5 |
| 32.5° | 675.6 | 674.1 | 675.6 | 672.6 | 674.1 | 674.1 | 675.6 | 672.6 |
| 35° | 600.3 | 600.3 | 604.8 | 601.8 | 601.8 | 600.3 | 598.9 | 600.3 |
| 37.5° | 526.6 | 525.1 | 525.1 | 522.2 | 522.2 | 526.6 | 523.6 | 520.7 |
| 40° | 442.5 | 441.0 | 442.5 | 441.0 | 441.0 | 442.5 | 442.5 | 442.5 |
| 42.5° | 359.9 | 358.4 | 359.9 | 357.0 | 357.0 | 358.4 | 355.5 | 354.0 |
| 45° | 262.6 | 261.1 | 264.0 | 264.0 | 262.6 | 262.6 | 261.1 | 258.1 |
| 47.5° | 180.0 | 180.0 | 181.4 | 180.0 | 180.0 | 181.4 | 180.0 | 181.4 |
| 50° | 119.5 | 119.5 | 121.0 | 119.5 | 119.5 | 119.5 | 118.0 | 116.5 |
| 52.5° | 76.7 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 73.8 | 73.8 |
| 55° | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 41.3 | 42.8 | 42.8 |
| 57.5° | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | 19.2 | 20.7 |
| 60° | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 |
| 62.5° | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 65° | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 67.5° | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 70° | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 72.5° | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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)