

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: PORTFOLIO

Report Number: P252457

Luminaire Tested: **LE\_6B15D010 EC6B10208050 6LBLWW1H**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-41-14  
Report Number: P252457  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-1712-453-6)  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LE\_6B15D010 EC6B10208050 6LBLWW1H  
Description: PORTFOLIO 6 INCH LENS 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: 1611.2 lumens  
Efficiency: N/A  
Efficacy: 111.9 lumens/watt  
Spacing Criteria (0/90/45): 1.1 / 1.02 / 1.12  
Luminous Opening: Circular (Dia: 0.46' x H: 0')  
CIE Type: Direct

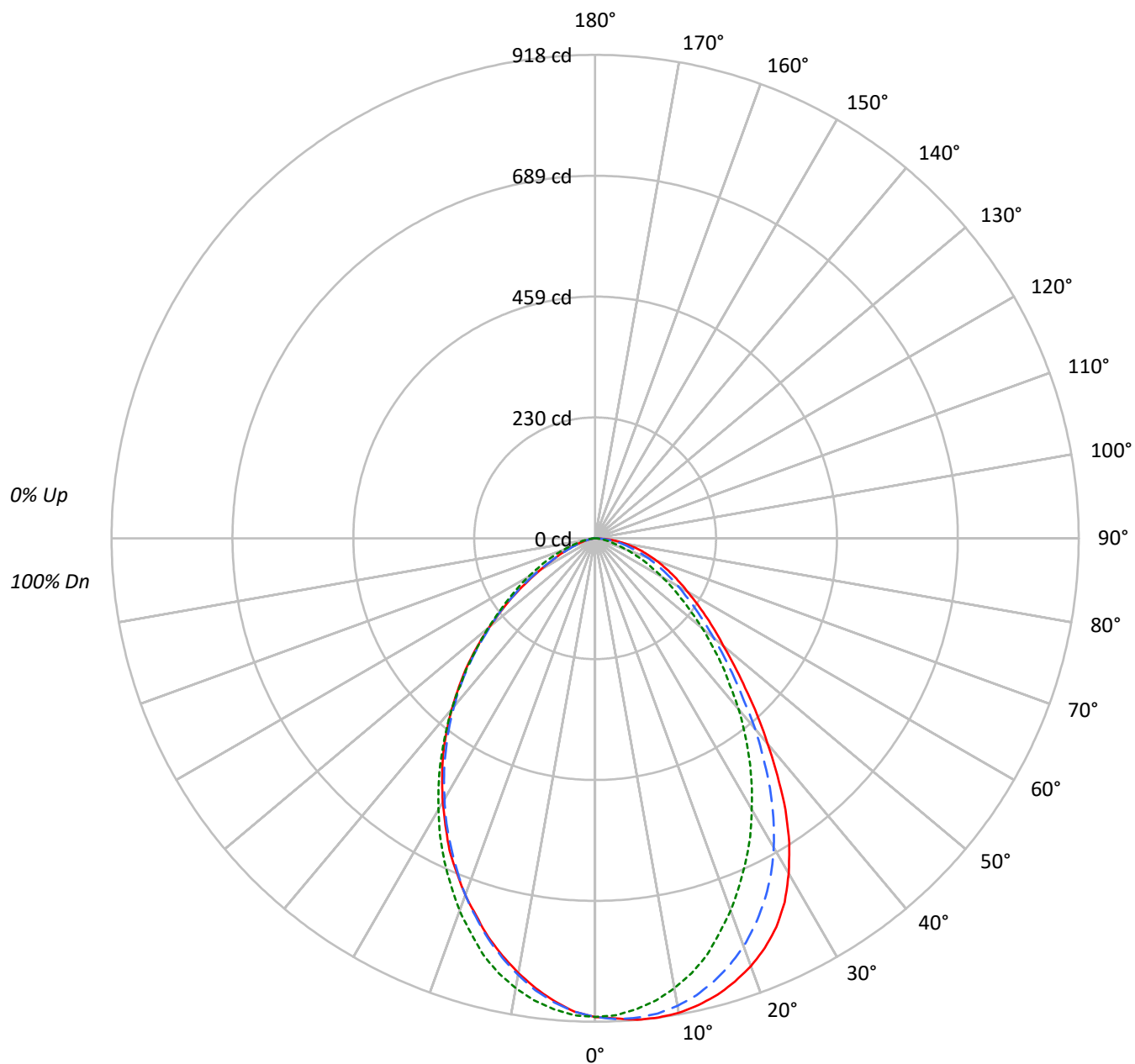
Input Watts (W): 14.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-----|-----|-----|--|-----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20  |     |     |  | 20  |     |     |  | 20  |
| RC  | 80  |     |     |     | 70  |     |     |     | 50  |     |     |  | 30  |     |     |  | 10  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  |  | 50  | 30  | 10  |  | 50  |
| RCR |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 |
| 1   | 111 | 107 | 103 | 100 | 108 | 105 | 101 | 99  | 100 | 98  | 96  |  | 97  | 95  | 93  |  | 93  |
| 2   | 103 | 96  | 90  | 85  | 100 | 94  | 89  | 84  | 90  | 86  | 82  |  | 87  | 84  | 80  |  | 84  |
| 3   | 95  | 86  | 79  | 73  | 93  | 84  | 78  | 73  | 81  | 76  | 71  |  | 79  | 74  | 70  |  | 76  |
| 4   | 88  | 78  | 70  | 64  | 86  | 76  | 69  | 64  | 74  | 68  | 63  |  | 72  | 66  | 62  |  | 70  |
| 5   | 82  | 70  | 62  | 57  | 80  | 69  | 62  | 56  | 67  | 61  | 56  |  | 65  | 60  | 55  |  | 64  |
| 6   | 76  | 64  | 56  | 51  | 74  | 63  | 56  | 50  | 62  | 55  | 50  |  | 60  | 54  | 50  |  | 59  |
| 7   | 71  | 59  | 51  | 46  | 69  | 58  | 51  | 45  | 57  | 50  | 45  |  | 55  | 49  | 45  |  | 54  |
| 8   | 67  | 54  | 47  | 41  | 65  | 54  | 46  | 41  | 52  | 46  | 41  |  | 51  | 45  | 41  |  | 50  |
| 9   | 63  | 50  | 43  | 38  | 61  | 50  | 43  | 38  | 49  | 42  | 37  |  | 48  | 42  | 37  |  | 47  |
| 10  | 59  | 47  | 39  | 35  | 58  | 46  | 39  | 35  | 45  | 39  | 34  |  | 44  | 38  | 34  |  | 44  |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°    | 90°   | 180°  |
|-----|-------|-------|-------|
| 0°  | 59304 | 59304 | 59304 |
| 5°  | 60113 | 58784 | 57795 |
| 10° | 60629 | 57463 | 55528 |
| 15° | 60626 | 55344 | 52953 |
| 20° | 60041 | 52237 | 50050 |
| 25° | 58610 | 48719 | 47078 |
| 30° | 55355 | 44793 | 43558 |
| 35° | 50176 | 40618 | 40125 |
| 40° | 43332 | 36127 | 36017 |
| 45° | 37164 | 31453 | 31684 |
| 50° | 32286 | 26907 | 26531 |
| 55° | 29005 | 22692 | 21259 |
| 60° | 26357 | 19116 | 15645 |
| 65° | 24761 | 15777 | 11501 |
| 70° | 23615 | 12284 | 8412  |
| 75° | 22586 | 8923  | 5747  |
| 80° | 21340 | 6162  | 3795  |
| 85° | 18864 | 3743  | 1871  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 85.0   | 5.3       |
| 10°-20°   | 232.9  | 14.5      |
| 20°-30°   | 323.3  | 20.1      |
| 30°-40°   | 334.9  | 20.8      |
| 40°-50°   | 275.2  | 17.1      |
| 50°-60°   | 189.1  | 11.7      |
| 60°-70°   | 108.7  | 6.7       |
| 70°-80°   | 50.0   | 3.1       |
| 80°-90°   | 12.1   | 0.8       |
| 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°    | 641.2  | 39.8      |
| 0°-40°    | 976.1  | 60.6      |
| 0°-60°    | 1440.4 | 89.4      |
| 0°-90°    | 1611.2 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1611.2 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 45° | 90° | 135° | 180° | Flux |
|-----|-----|-----|-----|------|------|------|
| 0°  | 909 | 909 | 909 | 909  | 909  |      |
| 5°  | 918 | 914 | 898 | 885  | 882  | 87   |
| 15° | 898 | 871 | 819 | 786  | 784  | 253  |
| 25° | 814 | 760 | 677 | 648  | 654  | 373  |
| 35° | 630 | 578 | 510 | 495  | 504  | 391  |
| 45° | 403 | 372 | 341 | 337  | 343  | 314  |
| 55° | 255 | 231 | 200 | 188  | 187  | 229  |
| 65° | 160 | 140 | 102 | 72   | 74   | 160  |
| 75° | 90  | 71  | 35  | 23   | 23   | 95   |
| 85° | 25  | 18  | 5   | 2    | 2    | 28   |
| 90° | 0   | 0   | 0   | 0    | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 909.0 | 909.0 | 909.0 | 909.0 | 909.0 | 909.0 | 909.0 | 909.0 | 909.0 | 909.0 | 909.0 |
| 2.5°  | 912.8 | 920.4 | 915.2 | 914.0 | 916.5 | 916.5 | 916.5 | 912.8 | 915.2 | 911.5 | 914.0 |
| 5°    | 917.9 | 924.1 | 919.1 | 916.5 | 919.1 | 920.4 | 916.5 | 914.0 | 917.9 | 912.8 | 914.0 |
| 7.5°  | 917.9 | 924.1 | 919.1 | 917.9 | 919.1 | 919.1 | 917.9 | 912.8 | 915.2 | 910.2 | 910.2 |
| 10°   | 915.2 | 920.4 | 915.2 | 912.8 | 914.0 | 912.8 | 912.8 | 906.5 | 907.8 | 901.4 | 901.4 |
| 12.5° | 907.8 | 914.0 | 907.8 | 905.2 | 905.2 | 905.2 | 901.4 | 896.4 | 897.6 | 890.0 | 888.8 |
| 15°   | 897.6 | 902.6 | 896.4 | 893.9 | 893.9 | 892.6 | 890.0 | 882.5 | 882.5 | 874.9 | 871.1 |
| 17.5° | 882.5 | 887.5 | 882.5 | 878.6 | 877.4 | 874.9 | 872.4 | 864.8 | 862.2 | 853.4 | 849.6 |
| 20°   | 864.8 | 868.6 | 863.5 | 859.8 | 857.2 | 854.8 | 849.6 | 842.1 | 839.5 | 830.8 | 824.4 |
| 22.5° | 842.1 | 847.1 | 839.5 | 835.8 | 833.2 | 829.5 | 824.4 | 816.9 | 813.0 | 801.6 | 794.1 |
| 25°   | 814.2 | 816.9 | 810.5 | 806.8 | 801.6 | 799.1 | 795.4 | 785.2 | 781.5 | 768.9 | 760.0 |
| 27.5° | 779.0 | 781.5 | 773.9 | 771.4 | 765.0 | 762.5 | 757.5 | 748.6 | 743.6 | 731.0 | 722.1 |
| 30°   | 734.8 | 737.2 | 732.2 | 728.5 | 723.4 | 718.4 | 714.5 | 705.8 | 698.1 | 685.5 | 678.0 |
| 32.5° | 685.5 | 689.4 | 684.2 | 679.2 | 670.4 | 671.6 | 665.4 | 656.5 | 650.1 | 638.9 | 630.0 |
| 35°   | 630.0 | 632.5 | 626.2 | 624.9 | 619.9 | 614.9 | 608.5 | 602.2 | 598.4 | 585.8 | 578.2 |
| 37.5° | 568.1 | 574.4 | 568.1 | 563.1 | 560.5 | 556.8 | 553.0 | 544.1 | 541.6 | 534.0 | 523.9 |
| 40°   | 508.8 | 512.6 | 508.8 | 503.8 | 500.0 | 500.0 | 494.9 | 489.9 | 483.5 | 476.0 | 472.1 |
| 42.5° | 455.8 | 453.2 | 452.0 | 449.5 | 444.4 | 443.1 | 441.9 | 435.5 | 431.8 | 424.2 | 417.9 |
| 45°   | 402.8 | 404.0 | 401.5 | 400.2 | 396.4 | 393.9 | 391.4 | 386.4 | 385.0 | 377.5 | 372.4 |
| 47.5° | 358.5 | 357.2 | 354.8 | 354.8 | 352.2 | 349.8 | 347.1 | 343.4 | 342.1 | 335.9 | 330.8 |
| 50°   | 318.1 | 319.4 | 318.1 | 316.9 | 313.1 | 311.9 | 309.2 | 306.8 | 304.2 | 298.0 | 292.9 |
| 52.5° | 285.4 | 284.0 | 282.8 | 282.8 | 279.0 | 277.8 | 275.2 | 272.8 | 270.1 | 263.9 | 260.1 |
| 55°   | 255.0 | 255.0 | 253.8 | 252.5 | 248.8 | 247.5 | 246.1 | 243.6 | 239.9 | 234.9 | 231.0 |
| 57.5° | 227.2 | 227.2 | 226.0 | 224.8 | 222.2 | 222.2 | 219.6 | 217.1 | 214.6 | 209.6 | 204.5 |
| 60°   | 202.0 | 203.2 | 202.0 | 200.8 | 198.2 | 198.2 | 197.0 | 193.1 | 191.9 | 185.6 | 181.8 |
| 62.5° | 180.5 | 180.5 | 180.5 | 179.2 | 178.0 | 175.5 | 175.5 | 171.8 | 169.1 | 165.4 | 160.4 |
| 65°   | 160.4 | 160.4 | 160.4 | 159.1 | 156.5 | 155.2 | 154.0 | 151.5 | 149.0 | 145.1 | 140.1 |
| 67.5° | 141.4 | 141.4 | 141.4 | 140.1 | 137.6 | 136.4 | 135.1 | 133.9 | 130.0 | 126.2 | 121.2 |
| 70°   | 123.8 | 123.8 | 122.5 | 121.2 | 119.9 | 118.6 | 117.4 | 114.9 | 112.4 | 107.2 | 103.5 |
| 72.5° | 106.0 | 106.0 | 106.0 | 103.5 | 102.2 | 102.2 | 99.8  | 98.5  | 96.0  | 90.9  | 87.1  |
| 75°   | 89.6  | 88.4  | 88.4  | 87.1  | 85.9  | 84.6  | 83.4  | 82.0  | 78.2  | 75.8  | 70.8  |
| 77.5° | 73.2  | 73.2  | 72.0  | 70.8  | 70.8  | 69.4  | 68.1  | 65.6  | 64.4  | 60.6  | 56.8  |
| 80°   | 56.8  | 56.8  | 56.8  | 56.8  | 55.5  | 54.2  | 54.2  | 51.8  | 50.5  | 46.8  | 44.1  |
| 82.5° | 42.9  | 41.6  | 41.6  | 41.6  | 40.4  | 39.1  | 39.1  | 37.9  | 36.6  | 34.1  | 31.5  |
| 85°   | 25.2  | 24.0  | 24.0  | 24.0  | 22.8  | 22.8  | 21.5  | 21.5  | 20.2  | 17.6  | 17.6  |
| 87.5° | 7.6   | 7.6   | 8.9   | 8.9   | 7.6   | 7.6   | 7.6   | 7.6   | 7.6   | 6.2   | 6.2   |
| 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°    | 909.0 | 909.0 | 909.0 | 909.0 | 909.0 | 909.0 | 909.0 | 909.0 | 909.0 | 909.0 | 909.0 |
| 2.5°  | 911.5 | 915.2 | 910.2 | 909.0 | 914.0 | 911.5 | 910.2 | 907.8 | 909.0 | 906.5 | 902.6 |
| 5°    | 910.2 | 915.2 | 909.0 | 905.2 | 911.5 | 907.8 | 905.2 | 902.6 | 902.6 | 897.6 | 895.1 |
| 7.5°  | 906.5 | 909.0 | 902.6 | 898.9 | 902.6 | 898.9 | 896.4 | 892.6 | 891.2 | 885.0 | 881.2 |
| 10°   | 896.4 | 898.9 | 891.2 | 886.2 | 890.0 | 885.0 | 881.2 | 877.4 | 874.9 | 867.4 | 862.2 |
| 12.5° | 882.5 | 883.8 | 874.9 | 868.6 | 871.1 | 867.4 | 861.0 | 856.0 | 853.4 | 845.9 | 839.5 |
| 15°   | 863.5 | 864.8 | 854.8 | 845.9 | 848.4 | 843.4 | 835.8 | 830.8 | 826.9 | 819.4 | 810.5 |
| 17.5° | 840.8 | 839.5 | 828.1 | 819.4 | 820.6 | 814.2 | 806.8 | 799.1 | 794.1 | 785.2 | 779.0 |
| 20°   | 815.5 | 811.8 | 799.1 | 789.0 | 790.2 | 782.8 | 773.9 | 766.4 | 760.0 | 752.4 | 743.6 |
| 22.5° | 784.0 | 779.0 | 767.6 | 755.0 | 756.2 | 749.9 | 737.2 | 731.0 | 724.6 | 714.5 | 707.0 |
| 25°   | 749.9 | 742.4 | 731.0 | 718.4 | 718.4 | 710.8 | 700.6 | 693.1 | 686.8 | 676.8 | 667.9 |
| 27.5° | 709.5 | 705.8 | 690.6 | 680.5 | 679.2 | 671.6 | 662.8 | 654.0 | 646.4 | 637.5 | 628.8 |
| 30°   | 665.4 | 659.0 | 647.6 | 636.2 | 633.8 | 627.5 | 618.6 | 608.5 | 603.5 | 594.6 | 587.0 |
| 32.5° | 618.6 | 612.2 | 599.6 | 588.4 | 587.0 | 582.0 | 574.4 | 564.4 | 559.2 | 553.0 | 547.9 |
| 35°   | 565.6 | 563.1 | 550.5 | 541.6 | 541.6 | 536.5 | 529.0 | 520.1 | 516.4 | 510.0 | 503.8 |
| 37.5° | 515.1 | 511.2 | 500.0 | 492.4 | 492.4 | 486.0 | 478.5 | 474.8 | 470.9 | 465.9 | 462.1 |
| 40°   | 462.1 | 459.5 | 450.8 | 443.1 | 444.4 | 439.4 | 434.2 | 429.2 | 426.8 | 424.2 | 420.4 |
| 42.5° | 412.9 | 410.2 | 404.0 | 397.6 | 397.6 | 393.9 | 388.9 | 385.0 | 382.5 | 378.8 | 377.5 |
| 45°   | 368.6 | 364.9 | 359.8 | 353.5 | 353.5 | 349.8 | 347.1 | 344.6 | 343.4 | 340.9 | 337.1 |
| 47.5° | 325.8 | 323.2 | 318.1 | 311.9 | 311.9 | 311.9 | 306.8 | 303.0 | 303.0 | 300.5 | 299.2 |
| 50°   | 289.1 | 285.4 | 281.5 | 276.5 | 276.5 | 274.0 | 270.1 | 266.4 | 266.4 | 265.1 | 262.6 |
| 52.5° | 255.0 | 252.5 | 247.5 | 242.4 | 242.4 | 239.9 | 236.1 | 234.9 | 233.5 | 229.8 | 228.5 |
| 55°   | 226.0 | 223.5 | 219.6 | 213.4 | 212.1 | 210.9 | 207.0 | 204.5 | 203.2 | 199.5 | 199.5 |
| 57.5° | 199.5 | 197.0 | 190.6 | 186.9 | 185.6 | 183.0 | 179.2 | 176.8 | 175.5 | 173.0 | 170.4 |
| 60°   | 176.8 | 173.0 | 167.9 | 162.9 | 161.6 | 159.1 | 155.2 | 152.8 | 151.5 | 146.5 | 143.9 |
| 62.5° | 155.2 | 151.5 | 146.5 | 141.4 | 140.1 | 137.6 | 132.5 | 130.0 | 127.5 | 122.5 | 119.9 |
| 65°   | 135.1 | 131.2 | 126.2 | 121.2 | 118.6 | 117.4 | 112.4 | 108.6 | 106.0 | 102.2 | 97.2  |
| 67.5° | 116.1 | 112.4 | 107.2 | 101.0 | 101.0 | 97.2  | 93.4  | 89.6  | 85.9  | 82.0  | 78.2  |
| 70°   | 98.5  | 94.6  | 89.6  | 84.6  | 83.4  | 80.8  | 77.0  | 72.0  | 69.4  | 64.4  | 60.6  |
| 72.5° | 82.0  | 78.2  | 73.2  | 68.1  | 66.9  | 64.4  | 60.6  | 55.5  | 51.8  | 48.0  | 44.1  |
| 75°   | 66.9  | 63.1  | 58.1  | 54.2  | 53.0  | 50.5  | 46.8  | 41.6  | 37.9  | 35.4  | 31.5  |
| 77.5° | 53.0  | 49.2  | 45.5  | 41.6  | 40.4  | 37.9  | 34.1  | 31.5  | 27.8  | 25.2  | 21.5  |
| 80°   | 40.4  | 37.9  | 34.1  | 31.5  | 30.2  | 27.8  | 25.2  | 21.5  | 18.9  | 16.4  | 15.1  |
| 82.5° | 29.0  | 26.5  | 24.0  | 20.2  | 20.2  | 17.6  | 16.4  | 13.9  | 11.4  | 10.1  | 8.9   |
| 85°   | 16.4  | 13.9  | 12.6  | 11.4  | 10.1  | 10.1  | 8.9   | 7.6   | 6.2   | 5.0   | 5.0   |
| 87.5° | 5.0   | 5.0   | 3.8   | 3.8   | 3.8   | 3.8   | 2.5   | 2.5   | 2.5   | 2.5   | 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   |



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**CANDELA DISTRIBUTION (continued):**

|       | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 909.0 | 909.0 | 909.0 | 909.0  | 909.0 | 909.0 | 909.0 | 909.0 | 909.0 | 909.0 | 909.0 |
| 2.5°  | 902.6 | 903.9 | 901.4 | 903.9  | 901.4 | 902.6 | 900.1 | 902.6 | 900.1 | 902.6 | 897.6 |
| 5°    | 893.9 | 893.9 | 890.0 | 892.6  | 890.0 | 891.2 | 886.2 | 887.5 | 885.0 | 887.5 | 882.5 |
| 7.5°  | 878.6 | 880.0 | 873.6 | 876.1  | 872.4 | 872.4 | 868.6 | 869.9 | 866.0 | 867.4 | 863.5 |
| 10°   | 861.0 | 859.8 | 853.4 | 856.0  | 850.9 | 850.9 | 847.1 | 847.1 | 842.1 | 843.4 | 838.2 |
| 12.5° | 835.8 | 834.5 | 826.9 | 829.5  | 824.4 | 824.4 | 820.6 | 820.6 | 815.5 | 818.1 | 813.0 |
| 15°   | 806.8 | 805.5 | 797.9 | 799.1  | 794.1 | 794.1 | 789.0 | 790.2 | 786.5 | 789.0 | 784.0 |
| 17.5° | 773.9 | 772.6 | 765.0 | 766.4  | 760.0 | 761.2 | 757.5 | 756.2 | 753.8 | 755.0 | 751.1 |
| 20°   | 739.8 | 737.2 | 729.8 | 731.0  | 728.5 | 724.6 | 722.1 | 723.4 | 720.9 | 723.4 | 719.6 |
| 22.5° | 704.5 | 699.4 | 693.1 | 693.1  | 690.6 | 690.6 | 686.8 | 689.4 | 684.2 | 688.0 | 685.5 |
| 25°   | 664.1 | 660.2 | 655.2 | 657.8  | 652.8 | 652.8 | 648.9 | 650.1 | 647.6 | 650.1 | 647.6 |
| 27.5° | 624.9 | 622.4 | 614.9 | 617.4  | 613.6 | 614.9 | 611.0 | 612.2 | 611.0 | 613.6 | 611.0 |
| 30°   | 583.2 | 582.0 | 577.0 | 577.0  | 575.8 | 574.4 | 573.1 | 573.1 | 571.9 | 575.8 | 573.1 |
| 32.5° | 544.1 | 540.4 | 535.2 | 539.1  | 532.8 | 536.5 | 534.0 | 536.5 | 534.0 | 536.5 | 535.2 |
| 35°   | 503.8 | 502.5 | 496.1 | 497.4  | 496.1 | 496.1 | 494.9 | 494.9 | 494.9 | 498.6 | 498.6 |
| 37.5° | 460.8 | 459.5 | 455.8 | 457.0  | 454.5 | 453.2 | 453.2 | 455.8 | 455.8 | 458.2 | 458.2 |
| 40°   | 419.1 | 420.4 | 416.6 | 416.6  | 415.4 | 415.4 | 415.4 | 417.9 | 416.6 | 419.1 | 417.9 |
| 42.5° | 377.5 | 377.5 | 373.8 | 375.0  | 373.8 | 375.0 | 375.0 | 377.5 | 377.5 | 378.8 | 377.5 |
| 45°   | 338.4 | 338.4 | 337.1 | 338.4  | 335.9 | 337.1 | 335.9 | 338.4 | 337.1 | 338.4 | 338.4 |
| 47.5° | 299.2 | 299.2 | 299.2 | 298.0  | 298.0 | 298.0 | 298.0 | 298.0 | 296.6 | 299.2 | 298.0 |
| 50°   | 262.6 | 263.9 | 262.6 | 262.6  | 261.4 | 262.6 | 261.4 | 261.4 | 258.8 | 260.1 | 260.1 |
| 52.5° | 229.8 | 229.8 | 227.2 | 227.2  | 227.2 | 226.0 | 226.0 | 226.0 | 224.8 | 224.8 | 222.2 |
| 55°   | 198.2 | 198.2 | 195.6 | 195.6  | 194.4 | 193.1 | 191.9 | 191.9 | 188.1 | 188.1 | 184.4 |
| 57.5° | 169.1 | 167.9 | 164.1 | 164.1  | 161.6 | 160.4 | 159.1 | 157.8 | 155.2 | 152.8 | 151.5 |
| 60°   | 142.6 | 140.1 | 137.6 | 136.4  | 133.9 | 131.2 | 128.8 | 126.2 | 123.8 | 122.5 | 121.2 |
| 62.5° | 117.4 | 113.6 | 111.1 | 109.9  | 107.2 | 103.5 | 101.0 | 98.5  | 96.0  | 94.6  | 92.1  |
| 65°   | 94.6  | 90.9  | 87.1  | 85.9   | 83.4  | 80.8  | 77.0  | 74.5  | 72.0  | 70.8  | 70.8  |
| 67.5° | 74.5  | 70.8  | 65.6  | 65.6   | 63.1  | 60.6  | 58.1  | 55.5  | 54.2  | 55.5  | 55.5  |
| 70°   | 55.5  | 53.0  | 49.2  | 48.0   | 45.5  | 42.9  | 41.6  | 41.6  | 41.6  | 42.9  | 41.6  |
| 72.5° | 41.6  | 37.9  | 35.4  | 34.1   | 32.9  | 31.5  | 31.5  | 31.5  | 30.2  | 31.5  | 31.5  |
| 75°   | 29.0  | 26.5  | 24.0  | 24.0   | 22.8  | 22.8  | 22.8  | 22.8  | 22.8  | 22.8  | 22.8  |
| 77.5° | 20.2  | 17.6  | 16.4  | 16.4   | 16.4  | 15.1  | 15.1  | 15.1  | 15.1  | 15.1  | 15.1  |
| 80°   | 12.6  | 12.6  | 11.4  | 11.4   | 10.1  | 10.1  | 10.1  | 10.1  | 10.1  | 10.1  | 10.1  |
| 82.5° | 7.6   | 7.6   | 6.2   | 6.2    | 6.2   | 6.2   | 6.2   | 6.2   | 6.2   | 6.2   | 6.2   |
| 85°   | 3.8   | 3.8   | 3.8   | 3.8    | 3.8   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   |
| 87.5° | 1.2   | 1.2   | 1.2   | 1.2    | 1.2   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   | 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: P252457

CATALOG NUMBER: LE\_6B15D010 EC6B10208050 6LBLWW1H

**CANDELA DISTRIBUTION (continued):**

|       | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  |
|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 0°    | 909.0 | 909.0 | 909.0  | 909.0 | 909.0 | 909.0 | 909.0 | 909.0 |
| 2.5°  | 897.6 | 901.4 | 896.4  | 900.1 | 898.9 | 897.6 | 895.1 | 900.1 |
| 5°    | 882.5 | 883.8 | 878.6  | 883.8 | 882.5 | 880.0 | 877.4 | 882.5 |
| 7.5°  | 861.0 | 864.8 | 858.5  | 863.5 | 862.2 | 859.8 | 857.2 | 862.2 |
| 10°   | 837.0 | 840.8 | 835.8  | 839.5 | 839.5 | 837.0 | 833.2 | 838.2 |
| 12.5° | 810.5 | 813.0 | 808.0  | 813.0 | 811.8 | 809.2 | 808.0 | 811.8 |
| 15°   | 781.5 | 785.2 | 780.2  | 784.0 | 782.8 | 781.5 | 780.2 | 784.0 |
| 17.5° | 749.9 | 753.8 | 749.9  | 753.8 | 753.8 | 749.9 | 748.6 | 751.1 |
| 20°   | 718.4 | 720.9 | 717.1  | 720.9 | 719.6 | 719.6 | 717.1 | 720.9 |
| 22.5° | 683.0 | 686.8 | 684.2  | 686.8 | 685.5 | 685.5 | 684.2 | 686.8 |
| 25°   | 647.6 | 651.5 | 647.6  | 651.5 | 650.1 | 650.1 | 647.6 | 654.0 |
| 27.5° | 612.2 | 614.9 | 611.0  | 616.1 | 614.9 | 612.2 | 613.6 | 614.9 |
| 30°   | 574.4 | 577.0 | 574.4  | 578.2 | 578.2 | 578.2 | 575.8 | 578.2 |
| 32.5° | 536.5 | 540.4 | 536.5  | 540.4 | 539.1 | 539.1 | 537.9 | 540.4 |
| 35°   | 498.6 | 500.0 | 497.4  | 501.2 | 501.2 | 502.5 | 500.0 | 503.8 |
| 37.5° | 459.5 | 460.8 | 459.5  | 460.8 | 463.4 | 459.5 | 462.1 | 463.4 |
| 40°   | 419.1 | 421.6 | 420.4  | 421.6 | 421.6 | 422.9 | 421.6 | 422.9 |
| 42.5° | 378.8 | 381.2 | 378.8  | 382.5 | 381.2 | 381.2 | 382.5 | 382.5 |
| 45°   | 337.1 | 340.9 | 338.4  | 340.9 | 342.1 | 340.9 | 340.9 | 343.4 |
| 47.5° | 298.0 | 300.5 | 299.2  | 300.5 | 300.5 | 300.5 | 300.5 | 303.0 |
| 50°   | 258.8 | 260.1 | 260.1  | 261.4 | 261.4 | 262.6 | 260.1 | 261.4 |
| 52.5° | 219.6 | 222.2 | 222.2  | 222.2 | 220.9 | 222.2 | 222.2 | 222.2 |
| 55°   | 184.4 | 185.6 | 183.0  | 185.6 | 185.6 | 184.4 | 184.4 | 186.9 |
| 57.5° | 150.2 | 150.2 | 150.2  | 150.2 | 150.2 | 149.0 | 150.2 | 150.2 |
| 60°   | 118.6 | 119.9 | 118.6  | 118.6 | 118.6 | 118.6 | 117.4 | 119.9 |
| 62.5° | 92.1  | 92.1  | 90.9   | 92.1  | 92.1  | 92.1  | 93.4  | 93.4  |
| 65°   | 72.0  | 73.2  | 72.0   | 73.2  | 73.2  | 73.2  | 73.2  | 74.5  |
| 67.5° | 56.8  | 56.8  | 56.8   | 56.8  | 56.8  | 56.8  | 56.8  | 56.8  |
| 70°   | 42.9  | 42.9  | 42.9   | 44.1  | 42.9  | 42.9  | 42.9  | 44.1  |
| 72.5° | 31.5  | 31.5  | 31.5   | 31.5  | 31.5  | 31.5  | 32.9  | 32.9  |
| 75°   | 22.8  | 22.8  | 22.8   | 22.8  | 22.8  | 22.8  | 22.8  | 22.8  |
| 77.5° | 15.1  | 15.1  | 15.1   | 16.4  | 15.1  | 16.4  | 15.1  | 15.1  |
| 80°   | 10.1  | 10.1  | 10.1   | 10.1  | 10.1  | 10.1  | 10.1  | 10.1  |
| 82.5° | 6.2   | 6.2   | 6.2    | 6.2   | 6.2   | 6.2   | 6.2   | 6.2   |
| 85°   | 2.5   | 2.5   | 2.5    | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   |
| 87.5° | 2.5   | 2.5   | 2.5    | 2.5   | 1.2   | 1.2   | 1.2   | 1.2   |
| 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)