

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: P252651

Luminaire Tested: **LE_6B10D010 EC6B10208040 6LBDW1H**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P252651
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: PORTFOLIO
Catalog Number: LE_6B10D010 EC6B10208040 6LBDW1H
Description: PORTFOLIO 6 INCH DOUBLE WALLWASH RECESSED DOWNLIGHT, WITH HAZE TRIM
Light Source: (1) HIGH LUMEN LED 80CRI / 4000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1285.0 lumens
Efficiency: N/A
Efficacy: 128.5 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

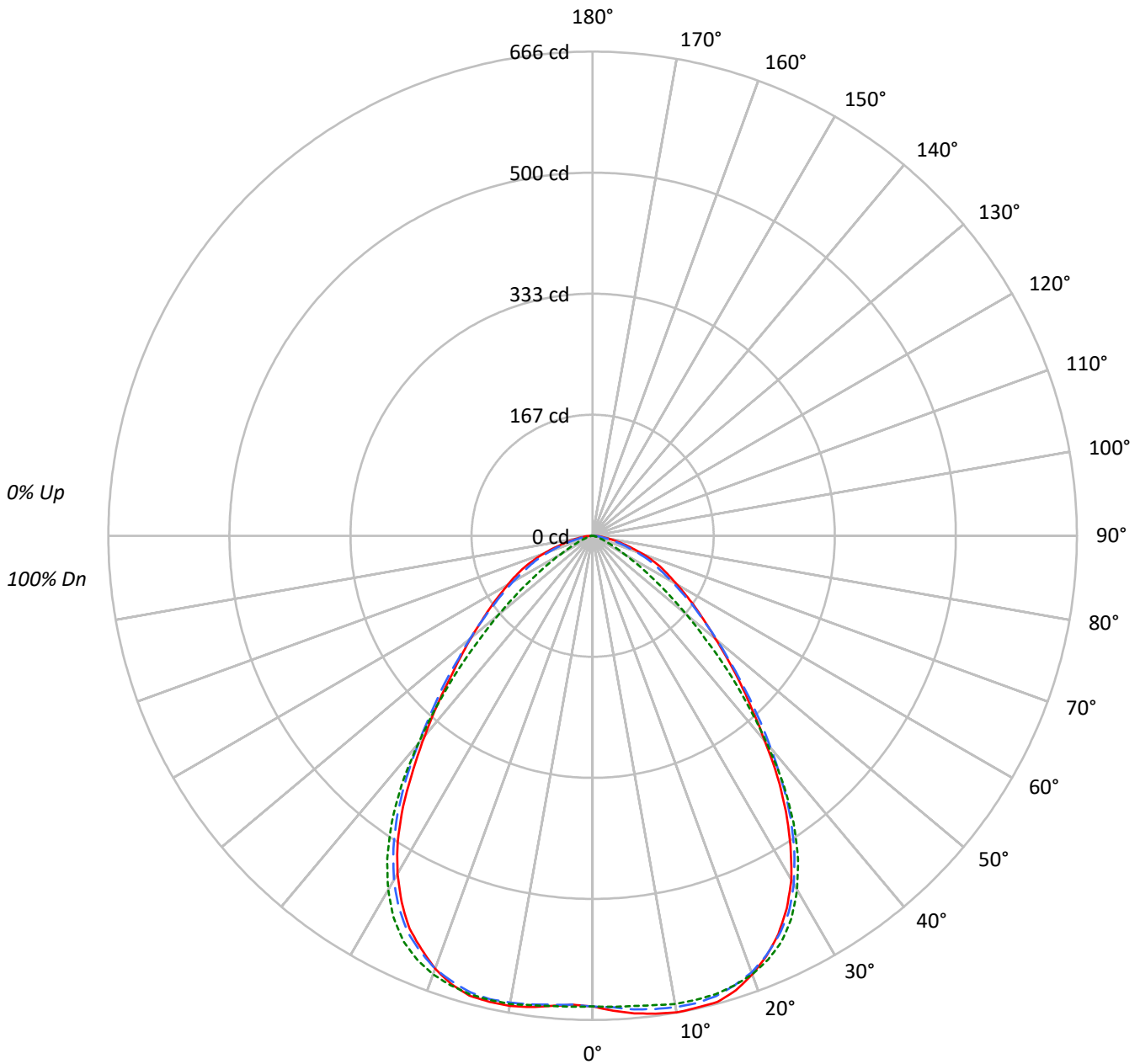
Input Watts (W): 10
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P252651

CATALOG NUMBER: LE_6B10D010 EC6B10208040 6LBDW1H

Luminous Intensity Polar Plot





TEST NUMBER: P252651

CATALOG NUMBER: LE_6B10D010 EC6B10208040 6LBDW1H

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° | 42237 | 42237 | 42237 |
| 5° | 43184 | 42516 | 42516 |
| 10° | 44107 | 43319 | 43498 |
| 15° | 44841 | 44098 | 44227 |
| 20° | 44566 | 44566 | 43989 |
| 25° | 43508 | 44300 | 42910 |
| 30° | 41177 | 42352 | 40424 |
| 35° | 36907 | 38357 | 36174 |
| 40° | 31349 | 31750 | 30574 |
| 45° | 26526 | 24247 | 25603 |
| 50° | 22390 | 17102 | 22126 |
| 55° | 19689 | 11044 | 19473 |
| 60° | 17458 | 6576 | 17563 |
| 65° | 16116 | 3952 | 16116 |
| 70° | 13963 | 2270 | 13620 |
| 75° | 11091 | 1386 | 10385 |
| 80° | 8266 | 1052 | 7890 |
| 85° | 7560 | 674 | 6812 |



TEST NUMBER: P252651

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 62.3 | 4.9 |
| 10°-20° | 184.5 | 14.4 |
| 20°-30° | 277.4 | 21.6 |
| 30°-40° | 291.7 | 22.7 |
| 40°-50° | 217.9 | 17.0 |
| 50°-60° | 135.7 | 10.6 |
| 60°-70° | 77.1 | 6.0 |
| 70°-80° | 31.8 | 2.5 |
| 80°-90° | 6.6 | 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° | 524.2 | 40.8 |
| 0°-40° | 815.9 | 63.5 |
| 0°-60° | 1169.5 | 91.0 |
| 0°-90° | 1285.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1285.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|-----|-----|-----|------|------|------|
| 0° | 647 | 647 | 647 | 647 | 647 | |
| 5° | 659 | 654 | 649 | 647 | 649 | 63 |
| 15° | 664 | 656 | 653 | 650 | 655 | 187 |
| 25° | 604 | 606 | 615 | 602 | 596 | 277 |
| 35° | 463 | 475 | 482 | 468 | 454 | 288 |
| 45° | 288 | 294 | 263 | 288 | 278 | 223 |
| 55° | 173 | 169 | 97 | 167 | 171 | 156 |
| 65° | 104 | 93 | 26 | 93 | 104 | 103 |
| 75° | 44 | 35 | 6 | 34 | 41 | 48 |
| 85° | 10 | 6 | 1 | 6 | 9 | 11 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P252651

CATALOG NUMBER: LE_6B10D010 EC6B10208040 6LBDW1H

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 647.4 | 647.4 | 647.4 | 647.4 | 647.4 | 647.4 | 647.4 | 647.4 | 647.4 | 647.4 | 647.4 |
| 2.5° | 653.9 | 652.9 | 653.9 | 652.0 | 651.1 | 651.1 | 652.0 | 650.1 | 649.2 | 650.1 | 649.2 |
| 5° | 659.4 | 657.5 | 658.4 | 657.5 | 655.6 | 655.6 | 656.6 | 653.9 | 653.9 | 654.8 | 653.9 |
| 7.5° | 663.0 | 663.0 | 663.0 | 661.1 | 660.2 | 659.4 | 661.1 | 658.4 | 657.5 | 657.5 | 656.6 |
| 10° | 665.8 | 664.8 | 665.8 | 663.9 | 662.0 | 661.1 | 663.0 | 661.1 | 659.4 | 661.1 | 658.4 |
| 12.5° | 664.8 | 664.8 | 664.8 | 663.9 | 662.0 | 661.1 | 663.0 | 660.2 | 659.4 | 660.2 | 658.4 |
| 15° | 663.9 | 661.1 | 662.0 | 661.1 | 658.4 | 658.4 | 659.4 | 656.6 | 654.8 | 657.5 | 655.6 |
| 17.5° | 655.6 | 653.9 | 654.8 | 652.9 | 651.1 | 650.1 | 651.1 | 650.1 | 648.4 | 650.1 | 648.4 |
| 20° | 641.9 | 641.9 | 642.9 | 641.0 | 639.1 | 638.2 | 640.1 | 638.2 | 636.4 | 639.1 | 639.1 |
| 22.5° | 625.4 | 625.4 | 625.4 | 624.5 | 623.6 | 623.6 | 623.6 | 622.6 | 621.8 | 623.6 | 624.5 |
| 25° | 604.4 | 603.5 | 604.4 | 605.2 | 604.4 | 603.5 | 604.4 | 604.4 | 602.5 | 606.2 | 606.2 |
| 27.5° | 577.9 | 577.9 | 579.6 | 578.8 | 578.8 | 577.9 | 579.6 | 579.6 | 578.8 | 581.5 | 584.2 |
| 30° | 546.6 | 544.9 | 546.6 | 546.6 | 547.6 | 547.6 | 548.5 | 548.5 | 548.5 | 551.2 | 553.1 |
| 32.5° | 506.4 | 507.2 | 510.0 | 509.1 | 508.2 | 511.0 | 511.0 | 512.8 | 513.8 | 515.5 | 516.5 |
| 35° | 463.4 | 464.2 | 464.2 | 465.1 | 467.0 | 465.1 | 469.8 | 468.9 | 469.8 | 473.4 | 475.2 |
| 37.5° | 417.6 | 414.9 | 419.4 | 417.6 | 418.5 | 418.5 | 420.4 | 421.2 | 424.0 | 428.5 | 428.5 |
| 40° | 368.1 | 369.0 | 370.9 | 371.8 | 372.8 | 372.8 | 372.8 | 375.5 | 376.4 | 381.9 | 380.9 |
| 42.5° | 325.1 | 325.1 | 326.9 | 327.9 | 327.9 | 327.9 | 327.9 | 330.6 | 332.4 | 334.2 | 336.1 |
| 45° | 287.5 | 284.8 | 286.6 | 286.6 | 288.5 | 287.5 | 289.4 | 291.2 | 292.1 | 294.9 | 294.0 |
| 47.5° | 251.9 | 250.9 | 251.9 | 252.8 | 251.9 | 252.8 | 253.6 | 254.6 | 255.5 | 255.5 | 255.5 |
| 50° | 220.6 | 220.6 | 221.6 | 222.5 | 222.5 | 222.5 | 222.5 | 223.4 | 223.4 | 225.2 | 223.4 |
| 52.5° | 195.0 | 196.0 | 196.0 | 195.0 | 196.0 | 196.0 | 196.9 | 196.9 | 196.0 | 196.0 | 193.2 |
| 55° | 173.1 | 172.1 | 173.1 | 172.1 | 173.1 | 173.1 | 172.1 | 172.1 | 171.2 | 170.4 | 169.4 |
| 57.5° | 152.0 | 152.0 | 152.0 | 152.0 | 151.1 | 152.0 | 151.1 | 150.1 | 150.1 | 148.4 | 145.6 |
| 60° | 133.8 | 133.8 | 133.8 | 133.8 | 133.8 | 132.8 | 133.8 | 132.8 | 131.0 | 129.1 | 125.5 |
| 62.5° | 118.1 | 117.2 | 118.1 | 117.2 | 117.2 | 116.2 | 116.2 | 115.4 | 113.5 | 111.8 | 108.0 |
| 65° | 104.4 | 105.2 | 104.4 | 104.4 | 103.5 | 102.5 | 102.5 | 101.6 | 98.9 | 97.1 | 93.4 |
| 67.5° | 89.8 | 88.9 | 88.9 | 88.9 | 87.9 | 87.9 | 87.9 | 86.1 | 84.2 | 81.5 | 77.9 |
| 70° | 73.2 | 73.2 | 73.2 | 72.4 | 72.4 | 71.4 | 71.4 | 70.5 | 68.6 | 66.9 | 62.2 |
| 72.5° | 57.8 | 57.8 | 57.8 | 55.9 | 56.8 | 55.9 | 55.9 | 54.0 | 53.1 | 50.4 | 47.6 |
| 75° | 44.0 | 44.0 | 43.0 | 43.0 | 42.1 | 41.2 | 41.2 | 40.2 | 39.4 | 37.5 | 34.8 |
| 77.5° | 32.0 | 32.0 | 32.0 | 31.1 | 30.2 | 29.2 | 29.2 | 28.4 | 27.5 | 26.5 | 24.8 |
| 80° | 22.0 | 22.0 | 22.0 | 22.0 | 21.0 | 20.1 | 20.1 | 19.2 | 19.2 | 18.4 | 16.5 |
| 82.5° | 14.6 | 14.6 | 14.6 | 14.6 | 13.8 | 13.8 | 13.8 | 12.9 | 11.9 | 11.9 | 10.1 |
| 85° | 10.1 | 10.1 | 9.1 | 9.1 | 9.1 | 9.1 | 8.2 | 8.2 | 7.4 | 6.4 | 6.4 |
| 87.5° | 5.5 | 5.5 | 5.5 | 5.5 | 4.6 | 4.6 | 4.6 | 4.6 | 3.6 | 3.6 | 2.8 |
| 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: P252651

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CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 647.4 | 647.4 | 647.4 | 647.4 | 647.4 | 647.4 | 647.4 | 647.4 | 647.4 | 647.4 | 647.4 |
| 2.5° | 652.0 | 652.0 | 651.1 | 648.4 | 649.2 | 648.4 | 649.2 | 648.4 | 645.6 | 648.4 | 645.6 |
| 5° | 655.6 | 656.6 | 654.8 | 651.1 | 652.0 | 651.1 | 651.1 | 650.1 | 647.4 | 649.2 | 647.4 |
| 7.5° | 659.4 | 658.4 | 657.5 | 653.9 | 654.8 | 653.9 | 653.9 | 652.0 | 649.2 | 651.1 | 648.4 |
| 10° | 661.1 | 661.1 | 659.4 | 655.6 | 655.6 | 654.8 | 655.6 | 654.8 | 651.1 | 653.9 | 652.0 |
| 12.5° | 661.1 | 660.2 | 660.2 | 655.6 | 656.6 | 655.6 | 656.6 | 654.8 | 652.0 | 653.9 | 652.9 |
| 15° | 658.4 | 658.4 | 657.5 | 652.9 | 653.9 | 653.9 | 654.8 | 652.9 | 650.1 | 652.9 | 651.1 |
| 17.5° | 652.9 | 652.9 | 652.0 | 648.4 | 650.1 | 650.1 | 651.1 | 649.2 | 646.5 | 648.4 | 648.4 |
| 20° | 641.9 | 642.9 | 642.9 | 640.1 | 641.9 | 641.9 | 642.9 | 641.9 | 641.0 | 641.9 | 640.1 |
| 22.5° | 629.1 | 630.9 | 630.9 | 628.1 | 630.0 | 630.0 | 632.8 | 631.9 | 630.0 | 630.9 | 630.0 |
| 25° | 609.9 | 611.8 | 613.5 | 611.8 | 613.5 | 613.5 | 616.2 | 615.4 | 613.5 | 615.4 | 612.6 |
| 27.5° | 587.9 | 588.8 | 590.6 | 588.8 | 591.5 | 590.6 | 593.4 | 592.5 | 589.8 | 592.5 | 591.5 |
| 30° | 556.8 | 560.4 | 563.1 | 560.4 | 563.1 | 563.1 | 565.0 | 564.1 | 563.1 | 562.2 | 562.2 |
| 32.5° | 522.0 | 525.6 | 525.6 | 524.8 | 526.5 | 526.5 | 527.5 | 525.6 | 524.8 | 525.6 | 526.5 |
| 35° | 478.9 | 480.8 | 482.6 | 481.6 | 482.6 | 483.5 | 482.6 | 483.5 | 480.8 | 481.6 | 481.6 |
| 37.5° | 432.2 | 434.0 | 434.0 | 431.2 | 433.1 | 433.1 | 431.2 | 431.2 | 429.5 | 431.2 | 427.6 |
| 40° | 382.8 | 380.9 | 381.9 | 380.0 | 378.2 | 378.2 | 377.2 | 373.6 | 371.8 | 372.8 | 373.6 |
| 42.5° | 334.2 | 334.2 | 331.5 | 326.9 | 322.4 | 322.4 | 319.6 | 317.8 | 314.1 | 315.9 | 315.0 |
| 45° | 293.0 | 288.5 | 284.8 | 277.5 | 274.8 | 272.9 | 268.2 | 263.8 | 261.9 | 262.8 | 261.9 |
| 47.5° | 253.6 | 250.0 | 240.9 | 230.8 | 228.0 | 225.2 | 219.8 | 214.2 | 212.5 | 210.6 | 210.6 |
| 50° | 220.6 | 214.2 | 204.2 | 193.2 | 188.6 | 184.0 | 176.8 | 171.2 | 167.6 | 168.5 | 168.5 |
| 52.5° | 190.5 | 183.1 | 171.2 | 157.5 | 152.0 | 146.5 | 140.1 | 133.8 | 131.0 | 130.0 | 130.0 |
| 55° | 163.9 | 155.6 | 143.8 | 128.2 | 123.6 | 117.2 | 109.0 | 101.6 | 98.0 | 97.1 | 98.9 |
| 57.5° | 140.1 | 132.8 | 119.0 | 103.5 | 98.0 | 91.6 | 83.4 | 76.9 | 72.4 | 71.4 | 72.4 |
| 60° | 120.9 | 110.8 | 98.9 | 84.2 | 76.9 | 71.4 | 62.2 | 56.8 | 52.2 | 50.4 | 51.2 |
| 62.5° | 101.6 | 92.5 | 80.6 | 65.9 | 60.4 | 55.0 | 46.8 | 40.2 | 36.6 | 35.8 | 36.6 |
| 65° | 87.0 | 77.9 | 66.9 | 54.0 | 48.5 | 43.0 | 35.8 | 29.2 | 26.5 | 25.6 | 26.5 |
| 67.5° | 72.4 | 64.1 | 55.0 | 43.0 | 38.5 | 33.9 | 26.5 | 22.0 | 18.4 | 17.4 | 18.4 |
| 70° | 58.6 | 51.2 | 42.1 | 33.9 | 29.2 | 25.6 | 20.1 | 15.6 | 12.9 | 11.9 | 12.9 |
| 72.5° | 44.0 | 38.5 | 32.0 | 24.8 | 22.0 | 19.2 | 14.6 | 11.0 | 9.1 | 8.2 | 9.1 |
| 75° | 32.0 | 27.5 | 22.9 | 17.4 | 15.6 | 13.8 | 10.1 | 7.4 | 6.4 | 5.5 | 6.4 |
| 77.5° | 22.0 | 19.2 | 15.6 | 11.9 | 10.1 | 9.1 | 6.4 | 5.5 | 4.6 | 3.6 | 3.6 |
| 80° | 14.6 | 12.9 | 10.1 | 8.2 | 7.4 | 6.4 | 4.6 | 3.6 | 2.8 | 2.8 | 2.8 |
| 82.5° | 9.1 | 7.4 | 6.4 | 4.6 | 3.6 | 3.6 | 2.8 | 1.9 | 1.9 | 1.9 | 1.9 |
| 85° | 5.5 | 4.6 | 3.6 | 2.8 | 1.9 | 1.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| 87.5° | 2.8 | 1.9 | 1.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.0 | 0.0 | 0.9 |
| 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: P252651

CATALOG NUMBER: LE_6B10D010 EC6B10208040 6LBDW1H

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 647.4 | 647.4 | 647.4 | 647.4 | 647.4 | 647.4 | 647.4 | 647.4 | 647.4 | 647.4 | 647.4 |
| 2.5° | 647.4 | 645.6 | 645.6 | 646.5 | 647.4 | 648.4 | 646.5 | 645.6 | 645.6 | 648.4 | 646.5 |
| 5° | 647.4 | 646.5 | 646.5 | 646.5 | 648.4 | 649.2 | 647.4 | 646.5 | 647.4 | 650.1 | 649.2 |
| 7.5° | 650.1 | 648.4 | 649.2 | 649.2 | 650.1 | 652.0 | 650.1 | 649.2 | 650.1 | 652.9 | 651.1 |
| 10° | 652.0 | 650.1 | 651.1 | 650.1 | 652.9 | 653.9 | 652.0 | 651.1 | 652.0 | 655.6 | 654.8 |
| 12.5° | 652.9 | 652.0 | 652.0 | 651.1 | 653.9 | 654.8 | 652.9 | 652.0 | 652.9 | 655.6 | 654.8 |
| 15° | 651.1 | 650.1 | 650.1 | 650.1 | 652.0 | 653.9 | 651.1 | 650.1 | 650.1 | 652.9 | 652.0 |
| 17.5° | 647.4 | 645.6 | 645.6 | 645.6 | 646.5 | 647.4 | 644.6 | 643.8 | 642.9 | 645.6 | 644.6 |
| 20° | 641.0 | 639.1 | 637.4 | 637.4 | 638.2 | 638.2 | 636.4 | 633.6 | 633.6 | 634.6 | 632.8 |
| 22.5° | 629.1 | 628.1 | 626.4 | 625.4 | 627.2 | 626.4 | 622.6 | 620.0 | 619.0 | 620.0 | 618.1 |
| 25° | 612.6 | 610.8 | 609.9 | 609.0 | 609.9 | 609.0 | 605.2 | 601.6 | 601.6 | 601.6 | 598.9 |
| 27.5° | 589.8 | 587.9 | 587.0 | 587.0 | 587.9 | 586.0 | 582.4 | 578.8 | 576.9 | 576.9 | 574.1 |
| 30° | 560.4 | 560.4 | 559.5 | 558.6 | 557.6 | 557.6 | 552.1 | 548.5 | 546.6 | 547.6 | 545.8 |
| 32.5° | 524.8 | 523.8 | 522.9 | 520.1 | 521.0 | 520.1 | 515.5 | 512.8 | 510.0 | 508.2 | 507.2 |
| 35° | 478.9 | 478.9 | 478.0 | 478.0 | 478.0 | 477.1 | 472.5 | 469.8 | 467.9 | 467.0 | 464.2 |
| 37.5° | 428.5 | 427.6 | 426.8 | 426.8 | 426.8 | 426.8 | 424.0 | 421.2 | 421.2 | 420.4 | 418.5 |
| 40° | 371.8 | 372.8 | 373.6 | 372.8 | 375.5 | 378.2 | 374.5 | 372.8 | 371.8 | 374.5 | 370.9 |
| 42.5° | 316.9 | 315.9 | 320.5 | 321.4 | 321.4 | 326.0 | 326.9 | 327.9 | 326.9 | 328.8 | 328.8 |
| 45° | 263.8 | 262.8 | 267.4 | 269.2 | 273.8 | 279.2 | 282.0 | 286.6 | 288.5 | 290.2 | 288.5 |
| 47.5° | 213.4 | 217.0 | 220.6 | 225.2 | 228.9 | 238.1 | 243.6 | 248.1 | 250.0 | 252.8 | 252.8 |
| 50° | 171.2 | 174.9 | 181.2 | 185.0 | 189.5 | 200.5 | 209.8 | 216.1 | 219.8 | 222.5 | 221.6 |
| 52.5° | 131.9 | 138.2 | 146.5 | 150.1 | 156.6 | 169.4 | 179.5 | 186.8 | 191.4 | 194.1 | 195.0 |
| 55° | 101.6 | 107.1 | 115.4 | 120.9 | 127.2 | 141.0 | 153.9 | 162.1 | 166.6 | 170.4 | 172.1 |
| 57.5° | 75.1 | 81.5 | 90.6 | 95.2 | 102.5 | 118.1 | 129.1 | 139.2 | 144.6 | 149.2 | 150.1 |
| 60° | 55.0 | 61.4 | 69.6 | 75.1 | 82.4 | 98.0 | 110.8 | 120.0 | 126.4 | 130.0 | 131.9 |
| 62.5° | 39.4 | 45.8 | 54.0 | 59.5 | 65.9 | 79.6 | 92.5 | 101.6 | 108.0 | 112.6 | 115.4 |
| 65° | 28.4 | 34.8 | 43.0 | 47.6 | 53.1 | 65.9 | 77.9 | 87.0 | 93.4 | 98.9 | 100.8 |
| 67.5° | 21.0 | 25.6 | 33.0 | 37.5 | 43.0 | 53.1 | 63.1 | 71.4 | 77.9 | 82.4 | 84.2 |
| 70° | 15.6 | 19.2 | 25.6 | 28.4 | 32.0 | 41.2 | 49.5 | 56.8 | 62.2 | 65.9 | 67.8 |
| 72.5° | 11.0 | 13.8 | 18.4 | 21.0 | 23.8 | 31.1 | 37.5 | 43.0 | 46.8 | 50.4 | 52.2 |
| 75° | 7.4 | 9.1 | 12.9 | 14.6 | 16.5 | 22.0 | 26.5 | 31.1 | 33.9 | 36.6 | 37.5 |
| 77.5° | 4.6 | 6.4 | 9.1 | 10.1 | 11.9 | 14.6 | 18.4 | 21.0 | 22.9 | 24.8 | 26.5 |
| 80° | 2.8 | 3.6 | 5.5 | 6.4 | 7.4 | 10.1 | 11.9 | 13.8 | 15.6 | 17.4 | 18.4 |
| 82.5° | 1.9 | 2.8 | 3.6 | 3.6 | 4.6 | 5.5 | 7.4 | 9.1 | 10.1 | 11.0 | 11.9 |
| 85° | 0.9 | 0.9 | 1.9 | 1.9 | 2.8 | 2.8 | 3.6 | 4.6 | 5.5 | 6.4 | 7.4 |
| 87.5° | 0.9 | 0.9 | 0.9 | 0.9 | 1.9 | 1.9 | 2.8 | 2.8 | 2.8 | 3.6 | 3.6 |
| 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: P252651

CATALOG NUMBER: LE_6B10D010 EC6B10208040 6LBDW1H

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 0° | 647.4 | 647.4 | 647.4 | 647.4 | 647.4 | 647.4 | 647.4 | 647.4 |
| 2.5° | 644.6 | 647.4 | 644.6 | 646.5 | 645.6 | 645.6 | 644.6 | 645.6 |
| 5° | 647.4 | 651.1 | 647.4 | 650.1 | 648.4 | 648.4 | 648.4 | 649.2 |
| 7.5° | 650.1 | 653.9 | 651.1 | 653.9 | 652.9 | 652.0 | 652.0 | 653.9 |
| 10° | 652.9 | 655.6 | 653.9 | 656.6 | 655.6 | 654.8 | 654.8 | 656.6 |
| 12.5° | 652.9 | 656.6 | 654.8 | 657.5 | 656.6 | 655.6 | 655.6 | 656.6 |
| 15° | 650.1 | 654.8 | 652.0 | 654.8 | 653.9 | 652.9 | 652.9 | 654.8 |
| 17.5° | 641.9 | 645.6 | 643.8 | 645.6 | 645.6 | 644.6 | 645.6 | 646.5 |
| 20° | 630.9 | 633.6 | 631.9 | 633.6 | 633.6 | 631.9 | 632.8 | 633.6 |
| 22.5° | 615.4 | 618.1 | 616.2 | 618.1 | 617.2 | 616.2 | 616.2 | 615.4 |
| 25° | 596.1 | 599.8 | 597.0 | 598.9 | 597.0 | 595.2 | 595.2 | 596.1 |
| 27.5° | 572.4 | 575.1 | 571.4 | 573.2 | 571.4 | 569.6 | 569.6 | 568.6 |
| 30° | 541.2 | 542.1 | 539.4 | 541.2 | 539.4 | 538.5 | 536.6 | 536.6 |
| 32.5° | 503.6 | 504.5 | 501.8 | 501.8 | 500.0 | 500.0 | 496.4 | 499.1 |
| 35° | 459.8 | 460.6 | 459.8 | 458.8 | 456.0 | 455.1 | 454.2 | 454.2 |
| 37.5° | 413.9 | 413.9 | 411.1 | 410.2 | 408.4 | 406.6 | 407.5 | 404.8 |
| 40° | 367.2 | 366.2 | 363.5 | 364.5 | 363.5 | 360.8 | 359.9 | 359.0 |
| 42.5° | 323.2 | 323.2 | 320.5 | 321.4 | 319.6 | 318.6 | 315.9 | 316.9 |
| 45° | 284.8 | 284.8 | 282.0 | 282.0 | 281.1 | 278.4 | 279.2 | 277.5 |
| 47.5° | 250.0 | 250.0 | 249.1 | 249.1 | 246.4 | 245.4 | 245.4 | 245.4 |
| 50° | 219.8 | 219.8 | 219.8 | 219.8 | 218.9 | 218.0 | 217.0 | 218.0 |
| 52.5° | 194.1 | 196.0 | 195.0 | 195.0 | 194.1 | 193.2 | 192.2 | 192.2 |
| 55° | 171.2 | 172.1 | 172.1 | 173.1 | 172.1 | 171.2 | 172.1 | 171.2 |
| 57.5° | 151.1 | 152.9 | 152.9 | 152.9 | 152.9 | 152.9 | 152.0 | 151.1 |
| 60° | 133.8 | 134.6 | 134.6 | 135.5 | 135.5 | 135.5 | 134.6 | 134.6 |
| 62.5° | 116.2 | 118.1 | 119.0 | 119.0 | 120.0 | 119.0 | 119.0 | 119.0 |
| 65° | 102.5 | 104.4 | 105.2 | 104.4 | 105.2 | 105.2 | 104.4 | 104.4 |
| 67.5° | 86.1 | 87.9 | 87.9 | 87.9 | 87.9 | 88.9 | 87.9 | 87.9 |
| 70° | 69.6 | 71.4 | 70.5 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| 72.5° | 53.1 | 54.0 | 55.0 | 55.0 | 55.9 | 55.0 | 55.0 | 55.0 |
| 75° | 38.5 | 40.2 | 40.2 | 40.2 | 40.2 | 41.2 | 41.2 | 41.2 |
| 77.5° | 27.5 | 28.4 | 28.4 | 29.2 | 29.2 | 29.2 | 29.2 | 30.2 |
| 80° | 19.2 | 19.2 | 20.1 | 20.1 | 21.0 | 21.0 | 21.0 | 21.0 |
| 82.5° | 12.9 | 13.8 | 13.8 | 13.8 | 13.8 | 13.8 | 13.8 | 13.8 |
| 85° | 7.4 | 8.2 | 8.2 | 8.2 | 8.2 | 9.1 | 9.1 | 9.1 |
| 87.5° | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 3.6 | 3.6 |
| 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)