

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: P252345

Luminaire Tested: **LD6B10D010 EU6B10209040 6LBLWW1LI**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P252345
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-1712-453-5)
Test Lab: INNOVATION CENTER(G1)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: io LED
Catalog Number: LD6B10D010 EU6B10209040 6LBLWW1LI
Description: PORTFOLIO 6 INCH LENS WALLWASH RECESSED DOWNLIGHT, WITH SPECULAR CLEAR TRIM
Light Source: (1) HIGH LUMEN LED 90CRI / 4000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 834.0 lumens
Efficiency: N/A
Efficacy: 83.0 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 1.02 / 1.12
Luminous Opening: Circular (Dia: 0.46' x H: 0')
CIE Type: Direct

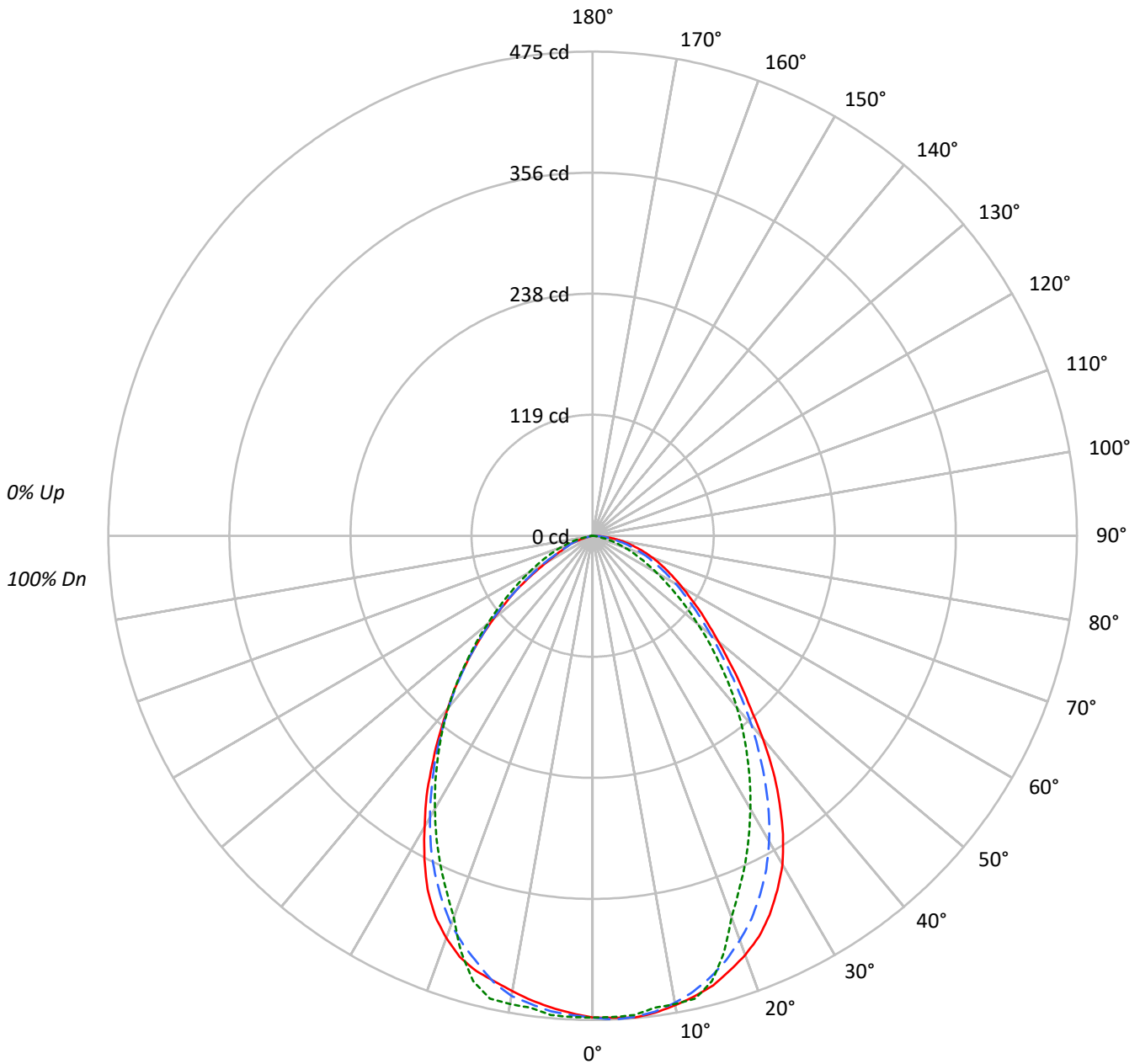
Input Watts (W): 10.05
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P252345

CATALOG NUMBER: LD6B10D010 EU6B10209040 6LBLWW1LI

Luminous Intensity Polar Plot





TEST NUMBER: P252345

CATALOG NUMBER: LD6B10D010 EU6B10209040 6LBLWW1LI

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 | 108 | 105 | 102 | 99 | 101 | 98 | 96 | 97 | 95 | 93 | 93 | 92 | 90 | 88 | | | | | | | | | | | | | | | | | | | |
| 2 | 103 | 96 | 90 | 86 | 100 | 94 | 89 | 85 | 91 | 86 | 83 | 88 | 84 | 81 | 85 | 82 | 79 | 77 | | | | | | | | | | | | | | | | | | | |
| 3 | 95 | 86 | 80 | 74 | 93 | 85 | 79 | 73 | 82 | 77 | 72 | 79 | 75 | 71 | 77 | 73 | 70 | 68 | | | | | | | | | | | | | | | | | | | |
| 4 | 88 | 78 | 71 | 65 | 86 | 77 | 70 | 64 | 74 | 68 | 64 | 72 | 67 | 63 | 70 | 66 | 62 | 60 | | | | | | | | | | | | | | | | | | | |
| 5 | 82 | 71 | 63 | 57 | 80 | 70 | 63 | 57 | 68 | 62 | 57 | 66 | 60 | 56 | 64 | 59 | 55 | 54 | | | | | | | | | | | | | | | | | | | |
| 6 | 77 | 65 | 57 | 51 | 75 | 64 | 57 | 51 | 62 | 56 | 51 | 61 | 55 | 50 | 59 | 54 | 50 | 48 | | | | | | | | | | | | | | | | | | | |
| 7 | 72 | 60 | 52 | 46 | 70 | 59 | 51 | 46 | 57 | 51 | 46 | 56 | 50 | 46 | 55 | 49 | 45 | 44 | | | | | | | | | | | | | | | | | | | |
| 8 | 67 | 55 | 47 | 42 | 66 | 54 | 47 | 42 | 53 | 46 | 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 | 40 | 35 | 45 | 39 | 35 | 44 | 39 | 35 | 33 | | | | | | | | | | | | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|-------|-------|-------|
| 0° | 30833 | 30833 | 30833 |
| 5° | 31068 | 30905 | 30427 |
| 10° | 30977 | 30898 | 30043 |
| 15° | 30840 | 30549 | 29847 |
| 20° | 30382 | 27653 | 29146 |
| 25° | 29557 | 25490 | 27570 |
| 30° | 28062 | 23301 | 24830 |
| 35° | 25462 | 21066 | 21846 |
| 40° | 22109 | 18762 | 18813 |
| 45° | 18859 | 16137 | 15971 |
| 50° | 16321 | 13641 | 12890 |
| 55° | 14593 | 11374 | 9987 |
| 60° | 13296 | 9447 | 6733 |
| 65° | 12412 | 7765 | 5017 |
| 70° | 11827 | 6314 | 4216 |
| 75° | 11142 | 4487 | 1386 |
| 80° | 10595 | 2292 | 451 |
| 85° | 8758 | 1347 | 0 |



TEST NUMBER: P252345

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 44.6 | 5.4 |
| 10°-20° | 124.8 | 15.0 |
| 20°-30° | 172.3 | 20.7 |
| 30°-40° | 175.3 | 21.0 |
| 40°-50° | 140.9 | 16.9 |
| 50°-60° | 93.7 | 11.2 |
| 60°-70° | 53.4 | 6.4 |
| 70°-80° | 24.0 | 2.9 |
| 80°-90° | 5.0 | 0.6 |
| 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° | 341.7 | 41.0 |
| 0°-40° | 517.0 | 62.0 |
| 0°-60° | 751.6 | 90.1 |
| 0°-90° | 834.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 834.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|-----|-----|-----|------|------|------|
| 0° | 473 | 473 | 473 | 473 | 473 | |
| 5° | 474 | 474 | 472 | 468 | 465 | 45 |
| 15° | 457 | 448 | 452 | 434 | 442 | 128 |
| 25° | 411 | 388 | 354 | 366 | 383 | 188 |
| 35° | 320 | 295 | 264 | 269 | 274 | 199 |
| 45° | 204 | 192 | 175 | 173 | 173 | 158 |
| 55° | 128 | 120 | 100 | 89 | 88 | 115 |
| 65° | 80 | 72 | 50 | 32 | 32 | 80 |
| 75° | 44 | 37 | 18 | 7 | 6 | 47 |
| 85° | 12 | 8 | 2 | 1 | 0 | 14 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P252345

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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 472.6 | 472.6 | 472.6 | 472.6 | 472.6 | 472.6 | 472.6 | 472.6 | 472.6 | 472.6 | 472.6 |
| 2.5° | 473.2 | 475.6 | 475.0 | 474.4 | 475.0 | 474.4 | 473.2 | 473.2 | 471.9 | 471.9 | 475.0 |
| 5° | 474.4 | 475.6 | 475.0 | 474.4 | 474.4 | 475.0 | 472.6 | 472.6 | 471.3 | 470.7 | 473.8 |
| 7.5° | 471.9 | 473.8 | 472.6 | 472.6 | 471.9 | 472.6 | 470.1 | 470.1 | 468.3 | 467.6 | 470.7 |
| 10° | 467.6 | 470.1 | 468.9 | 468.9 | 468.9 | 467.6 | 466.4 | 465.8 | 464.0 | 463.3 | 465.2 |
| 12.5° | 462.7 | 464.6 | 464.0 | 462.7 | 462.7 | 462.7 | 460.3 | 459.7 | 457.2 | 456.0 | 457.8 |
| 15° | 456.6 | 457.8 | 457.2 | 456.6 | 455.4 | 455.4 | 452.9 | 451.7 | 449.2 | 446.8 | 448.0 |
| 17.5° | 447.4 | 449.2 | 448.0 | 447.4 | 445.5 | 445.5 | 443.1 | 441.9 | 438.2 | 435.7 | 436.3 |
| 20° | 437.6 | 438.2 | 437.6 | 436.3 | 434.5 | 433.9 | 431.4 | 429.0 | 425.9 | 422.8 | 422.2 |
| 22.5° | 425.9 | 426.5 | 424.7 | 423.5 | 421.6 | 421.0 | 417.9 | 416.1 | 411.2 | 407.5 | 406.9 |
| 25° | 410.6 | 411.2 | 411.2 | 408.1 | 406.9 | 405.7 | 402.6 | 399.5 | 395.2 | 390.3 | 388.5 |
| 27.5° | 392.2 | 394.0 | 392.8 | 389.7 | 387.2 | 386.6 | 383.6 | 381.1 | 375.6 | 371.3 | 368.8 |
| 30° | 372.5 | 371.9 | 371.3 | 369.4 | 365.8 | 365.2 | 362.1 | 359.0 | 354.7 | 349.2 | 346.1 |
| 32.5° | 347.4 | 347.4 | 346.7 | 344.9 | 341.2 | 340.0 | 337.5 | 333.9 | 328.9 | 324.6 | 321.6 |
| 35° | 319.7 | 320.4 | 319.7 | 316.1 | 313.6 | 312.4 | 311.1 | 306.9 | 302.6 | 297.6 | 295.2 |
| 37.5° | 290.9 | 289.1 | 289.7 | 286.6 | 283.5 | 284.8 | 281.1 | 279.2 | 274.3 | 270.6 | 268.2 |
| 40° | 259.6 | 260.8 | 258.4 | 257.1 | 255.3 | 253.5 | 253.5 | 250.4 | 247.9 | 243.6 | 242.4 |
| 42.5° | 228.9 | 230.8 | 230.1 | 228.9 | 226.5 | 227.1 | 224.0 | 222.8 | 219.7 | 217.9 | 216.0 |
| 45° | 204.4 | 204.4 | 204.4 | 203.1 | 202.5 | 201.3 | 199.5 | 197.6 | 195.8 | 193.3 | 192.1 |
| 47.5° | 180.4 | 180.4 | 181.0 | 179.8 | 178.6 | 178.0 | 176.7 | 176.7 | 173.7 | 171.2 | 170.0 |
| 50° | 160.8 | 160.8 | 160.8 | 159.6 | 158.3 | 158.3 | 157.1 | 155.9 | 154.0 | 152.2 | 151.0 |
| 52.5° | 143.0 | 143.0 | 143.0 | 141.8 | 141.2 | 140.5 | 139.9 | 139.3 | 136.9 | 135.6 | 134.4 |
| 55° | 128.3 | 127.7 | 127.7 | 127.0 | 125.8 | 125.8 | 125.2 | 124.0 | 122.1 | 120.3 | 119.7 |
| 57.5° | 113.5 | 114.1 | 113.5 | 113.5 | 112.3 | 112.3 | 111.1 | 110.5 | 108.6 | 107.4 | 106.2 |
| 60° | 101.9 | 101.9 | 101.9 | 101.3 | 100.0 | 100.6 | 99.4 | 98.8 | 97.0 | 95.1 | 93.9 |
| 62.5° | 90.2 | 90.8 | 90.8 | 90.2 | 89.0 | 89.0 | 88.4 | 87.8 | 85.9 | 84.1 | 82.2 |
| 65° | 80.4 | 80.4 | 80.4 | 79.8 | 79.2 | 79.2 | 78.6 | 77.9 | 76.1 | 73.6 | 71.8 |
| 67.5° | 71.2 | 70.6 | 70.6 | 70.6 | 70.0 | 69.3 | 68.7 | 68.1 | 66.3 | 64.4 | 62.0 |
| 70° | 62.0 | 62.0 | 62.0 | 61.4 | 60.1 | 60.8 | 60.1 | 59.5 | 57.7 | 55.8 | 54.0 |
| 72.5° | 53.4 | 53.4 | 52.8 | 52.2 | 52.2 | 51.6 | 51.6 | 50.9 | 49.1 | 46.6 | 44.8 |
| 75° | 44.2 | 44.2 | 44.2 | 44.2 | 43.0 | 43.6 | 42.3 | 41.7 | 40.5 | 38.7 | 36.8 |
| 77.5° | 36.2 | 36.2 | 36.2 | 35.6 | 35.0 | 35.0 | 34.4 | 33.8 | 31.9 | 30.7 | 28.2 |
| 80° | 28.2 | 28.2 | 28.2 | 28.2 | 27.6 | 27.0 | 26.4 | 25.8 | 24.5 | 22.7 | 20.9 |
| 82.5° | 20.9 | 20.9 | 20.3 | 20.3 | 20.3 | 19.6 | 19.0 | 18.4 | 17.2 | 16.0 | 14.7 |
| 85° | 11.7 | 12.3 | 12.3 | 11.0 | 11.7 | 11.0 | 11.0 | 9.8 | 9.8 | 8.6 | 8.0 |
| 87.5° | 4.3 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.1 | 3.1 | 3.1 | 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):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 472.6 | 472.6 | 472.6 | 472.6 | 472.6 | 472.6 | 472.6 | 472.6 | 472.6 | 472.6 | 472.6 |
| 2.5° | 472.6 | 471.9 | 474.4 | 474.4 | 470.7 | 472.6 | 473.2 | 471.9 | 471.9 | 472.6 | 470.7 |
| 5° | 471.3 | 470.1 | 472.6 | 473.2 | 469.5 | 471.3 | 471.9 | 470.7 | 471.3 | 471.9 | 469.5 |
| 7.5° | 467.0 | 467.0 | 468.9 | 469.5 | 465.8 | 467.6 | 467.6 | 466.4 | 467.0 | 467.0 | 465.2 |
| 10° | 462.7 | 460.9 | 462.7 | 462.7 | 459.7 | 460.3 | 461.5 | 460.9 | 463.3 | 466.4 | 466.4 |
| 12.5° | 454.8 | 452.9 | 456.0 | 456.0 | 454.1 | 456.6 | 459.7 | 461.5 | 464.0 | 465.2 | 461.5 |
| 15° | 444.9 | 445.5 | 451.1 | 455.4 | 453.5 | 457.2 | 460.3 | 459.0 | 456.0 | 452.3 | 446.8 |
| 17.5° | 432.0 | 430.2 | 435.1 | 437.6 | 435.1 | 436.3 | 438.8 | 436.3 | 431.4 | 428.4 | 421.0 |
| 20° | 417.3 | 412.4 | 412.4 | 411.2 | 406.9 | 406.9 | 406.3 | 402.0 | 400.1 | 398.3 | 395.2 |
| 22.5° | 400.7 | 395.2 | 393.4 | 389.7 | 386.0 | 385.4 | 383.6 | 379.3 | 376.8 | 375.6 | 371.9 |
| 25° | 381.7 | 376.8 | 373.7 | 370.1 | 364.5 | 363.3 | 361.5 | 357.2 | 355.9 | 354.1 | 351.0 |
| 27.5° | 362.1 | 355.9 | 351.7 | 348.0 | 343.1 | 342.4 | 338.8 | 335.7 | 333.2 | 332.0 | 329.6 |
| 30° | 339.4 | 332.6 | 329.6 | 324.6 | 321.0 | 319.7 | 316.7 | 312.4 | 310.5 | 309.3 | 307.5 |
| 32.5° | 314.2 | 308.7 | 305.6 | 301.3 | 296.4 | 297.0 | 293.4 | 289.7 | 288.4 | 287.2 | 285.4 |
| 35° | 289.7 | 284.1 | 280.5 | 276.8 | 273.7 | 272.5 | 270.0 | 267.0 | 265.1 | 264.5 | 263.3 |
| 37.5° | 262.7 | 258.4 | 255.3 | 251.6 | 249.2 | 247.9 | 246.7 | 243.6 | 242.4 | 242.4 | 240.0 |
| 40° | 236.3 | 232.6 | 230.1 | 228.3 | 225.2 | 224.6 | 223.4 | 221.5 | 220.9 | 220.3 | 218.5 |
| 42.5° | 212.3 | 207.4 | 205.6 | 204.4 | 202.5 | 201.3 | 200.7 | 199.5 | 198.8 | 198.2 | 196.4 |
| 45° | 189.6 | 185.3 | 183.5 | 182.3 | 180.4 | 179.8 | 179.2 | 177.4 | 176.1 | 174.9 | 174.3 |
| 47.5° | 167.5 | 164.5 | 163.9 | 160.8 | 159.6 | 158.3 | 157.1 | 155.9 | 155.3 | 154.7 | 152.2 |
| 50° | 148.5 | 146.7 | 143.6 | 141.8 | 140.5 | 139.9 | 137.5 | 135.6 | 135.0 | 134.4 | 132.6 |
| 52.5° | 131.3 | 128.9 | 127.0 | 124.0 | 123.4 | 122.1 | 120.9 | 118.4 | 117.2 | 116.6 | 114.8 |
| 55° | 116.0 | 114.1 | 111.7 | 109.2 | 107.4 | 106.8 | 104.9 | 102.5 | 101.3 | 100.0 | 98.8 |
| 57.5° | 103.1 | 100.0 | 97.6 | 95.1 | 93.9 | 92.1 | 90.2 | 89.0 | 87.1 | 85.3 | 83.5 |
| 60° | 90.8 | 88.4 | 85.3 | 82.8 | 81.6 | 80.4 | 77.9 | 76.1 | 74.3 | 72.4 | 70.6 |
| 62.5° | 79.2 | 76.7 | 73.6 | 71.2 | 70.0 | 68.7 | 66.3 | 64.4 | 62.6 | 60.8 | 58.3 |
| 65° | 68.7 | 66.3 | 63.8 | 61.4 | 60.1 | 58.9 | 56.5 | 54.0 | 52.2 | 50.3 | 47.9 |
| 67.5° | 60.1 | 57.1 | 54.6 | 52.2 | 50.9 | 49.7 | 47.3 | 45.4 | 43.0 | 41.1 | 38.7 |
| 70° | 50.9 | 48.5 | 46.6 | 44.2 | 43.0 | 41.7 | 39.3 | 36.8 | 35.0 | 33.1 | 30.7 |
| 72.5° | 43.0 | 39.9 | 38.0 | 35.6 | 34.4 | 33.8 | 31.3 | 29.5 | 27.6 | 25.2 | 23.3 |
| 75° | 34.4 | 31.9 | 29.5 | 27.6 | 26.4 | 25.8 | 23.3 | 21.5 | 19.6 | 17.8 | 16.0 |
| 77.5° | 26.4 | 24.5 | 22.1 | 20.3 | 19.0 | 18.4 | 16.0 | 14.1 | 12.3 | 11.0 | 9.2 |
| 80° | 19.6 | 17.2 | 16.0 | 14.1 | 13.5 | 12.3 | 11.0 | 9.2 | 8.0 | 6.1 | 4.9 |
| 82.5° | 13.5 | 11.7 | 10.4 | 9.2 | 8.6 | 8.0 | 6.8 | 5.5 | 4.3 | 3.7 | 3.1 |
| 85° | 7.4 | 6.1 | 5.5 | 4.9 | 4.3 | 4.3 | 3.7 | 3.1 | 2.5 | 1.8 | 1.2 |
| 87.5° | 2.5 | 1.8 | 1.8 | 1.8 | 1.8 | 1.2 | 1.2 | 1.2 | 0.6 | 0.6 | 0.6 |
| 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° | 472.6 | 472.6 | 472.6 | 472.6 | 472.6 | 472.6 | 472.6 | 472.6 | 472.6 | 472.6 | 472.6 |
| 2.5° | 471.9 | 471.9 | 471.9 | 471.3 | 471.3 | 471.3 | 470.7 | 473.2 | 470.7 | 470.1 | 471.9 |
| 5° | 471.3 | 470.1 | 470.1 | 470.1 | 470.1 | 469.5 | 468.9 | 470.1 | 468.3 | 467.6 | 467.6 |
| 7.5° | 467.6 | 467.0 | 467.0 | 466.4 | 465.8 | 465.2 | 464.6 | 465.2 | 463.3 | 462.7 | 462.7 |
| 10° | 468.3 | 467.0 | 467.0 | 465.2 | 464.0 | 462.1 | 460.3 | 460.9 | 458.4 | 456.6 | 456.6 |
| 12.5° | 460.9 | 457.8 | 456.0 | 454.1 | 452.9 | 452.3 | 449.8 | 451.1 | 448.6 | 448.0 | 448.0 |
| 15° | 444.3 | 440.6 | 437.6 | 436.3 | 436.3 | 435.1 | 433.3 | 435.7 | 434.5 | 435.1 | 438.2 |
| 17.5° | 418.5 | 416.7 | 414.9 | 414.2 | 414.9 | 416.1 | 417.3 | 421.0 | 421.0 | 422.8 | 425.9 |
| 20° | 395.8 | 394.6 | 395.8 | 395.8 | 396.5 | 398.9 | 401.4 | 404.4 | 405.7 | 407.5 | 411.8 |
| 22.5° | 373.7 | 373.7 | 375.0 | 376.8 | 376.2 | 380.5 | 381.1 | 386.6 | 386.6 | 390.3 | 394.0 |
| 25° | 352.3 | 352.3 | 353.5 | 354.1 | 355.3 | 357.8 | 360.2 | 364.5 | 365.8 | 369.4 | 372.5 |
| 27.5° | 331.4 | 330.8 | 330.8 | 331.4 | 332.6 | 335.7 | 336.9 | 341.8 | 343.7 | 346.1 | 349.2 |
| 30° | 308.1 | 307.5 | 308.7 | 309.9 | 309.3 | 312.4 | 314.2 | 317.9 | 319.1 | 321.6 | 324.0 |
| 32.5° | 286.0 | 286.0 | 286.0 | 287.2 | 287.2 | 289.7 | 289.7 | 294.0 | 294.0 | 295.8 | 298.3 |
| 35° | 263.3 | 263.3 | 263.9 | 264.5 | 265.1 | 265.7 | 266.3 | 268.8 | 269.4 | 270.0 | 271.3 |
| 37.5° | 241.8 | 241.2 | 241.8 | 241.8 | 240.6 | 243.0 | 243.0 | 245.5 | 243.6 | 245.5 | 246.1 |
| 40° | 219.7 | 219.7 | 219.1 | 219.1 | 219.1 | 220.3 | 219.1 | 220.9 | 219.7 | 220.9 | 220.3 |
| 42.5° | 197.0 | 197.0 | 195.8 | 197.0 | 196.4 | 196.4 | 196.4 | 197.6 | 195.8 | 197.0 | 197.6 |
| 45° | 174.3 | 173.7 | 173.7 | 173.1 | 173.1 | 173.1 | 173.7 | 173.7 | 173.1 | 174.3 | 174.3 |
| 47.5° | 152.2 | 151.6 | 151.6 | 151.6 | 151.6 | 152.2 | 150.4 | 151.6 | 150.4 | 150.4 | 150.4 |
| 50° | 133.2 | 132.6 | 131.9 | 131.3 | 130.7 | 130.7 | 130.1 | 130.1 | 128.9 | 128.3 | 127.7 |
| 52.5° | 114.8 | 114.1 | 112.9 | 112.9 | 112.3 | 111.7 | 109.9 | 109.9 | 108.0 | 107.4 | 107.4 |
| 55° | 98.2 | 96.4 | 95.7 | 94.5 | 94.5 | 93.3 | 92.1 | 90.8 | 89.0 | 87.8 | 87.8 |
| 57.5° | 82.8 | 81.0 | 79.8 | 79.2 | 78.6 | 77.3 | 74.9 | 74.3 | 71.8 | 71.2 | 70.6 |
| 60° | 69.3 | 67.5 | 65.7 | 64.4 | 63.8 | 62.0 | 59.5 | 58.3 | 57.1 | 55.2 | 53.4 |
| 62.5° | 56.5 | 54.6 | 52.2 | 51.6 | 50.3 | 48.5 | 46.6 | 44.8 | 43.6 | 41.7 | 40.5 |
| 65° | 45.4 | 43.6 | 41.7 | 40.5 | 39.3 | 37.4 | 35.6 | 33.8 | 32.5 | 31.9 | 31.3 |
| 67.5° | 36.8 | 34.4 | 32.5 | 31.9 | 30.7 | 29.5 | 27.6 | 27.0 | 25.8 | 25.8 | 25.8 |
| 70° | 28.8 | 27.0 | 25.2 | 24.5 | 23.9 | 22.7 | 21.5 | 21.5 | 21.5 | 21.5 | 21.5 |
| 72.5° | 21.5 | 20.3 | 18.4 | 17.8 | 17.2 | 16.6 | 15.3 | 16.0 | 15.3 | 15.3 | 15.3 |
| 75° | 13.5 | 12.3 | 11.0 | 10.4 | 9.8 | 9.2 | 8.6 | 8.0 | 7.4 | 6.8 | 6.8 |
| 77.5° | 7.4 | 6.1 | 5.5 | 4.9 | 4.9 | 4.3 | 3.7 | 3.7 | 3.1 | 3.1 | 3.1 |
| 80° | 4.3 | 3.7 | 3.1 | 2.5 | 2.5 | 1.8 | 1.8 | 1.8 | 1.8 | 1.2 | 1.2 |
| 82.5° | 2.5 | 1.8 | 1.2 | 1.2 | 1.2 | 1.2 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 85° | 1.2 | 1.2 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.0 |
| 87.5° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 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: P252345

CATALOG NUMBER: LD6B10D010 EU6B10209040 6LBLWW1LI

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 0° | 472.6 | 472.6 | 472.6 | 472.6 | 472.6 | 472.6 | 472.6 | 472.6 |
| 2.5° | 468.9 | 470.7 | 468.9 | 470.7 | 470.7 | 470.7 | 470.7 | 468.9 |
| 5° | 465.8 | 467.0 | 465.2 | 466.4 | 467.0 | 466.4 | 466.4 | 464.6 |
| 7.5° | 460.3 | 461.5 | 459.7 | 461.5 | 462.1 | 461.5 | 460.9 | 459.7 |
| 10° | 454.8 | 455.4 | 453.5 | 454.8 | 456.0 | 456.0 | 455.4 | 453.5 |
| 12.5° | 446.2 | 448.0 | 446.2 | 447.4 | 448.6 | 449.2 | 449.2 | 447.4 |
| 15° | 436.3 | 439.4 | 438.2 | 440.0 | 441.9 | 442.5 | 442.5 | 441.9 |
| 17.5° | 426.5 | 429.6 | 427.8 | 430.8 | 432.7 | 433.9 | 434.5 | 433.3 |
| 20° | 412.4 | 416.1 | 414.9 | 417.3 | 419.8 | 421.6 | 421.6 | 419.8 |
| 22.5° | 394.0 | 398.9 | 398.3 | 400.1 | 403.2 | 403.8 | 405.0 | 403.8 |
| 25° | 373.7 | 377.4 | 376.8 | 378.7 | 382.3 | 382.3 | 383.0 | 383.0 |
| 27.5° | 350.4 | 354.1 | 353.5 | 354.7 | 357.2 | 357.8 | 358.4 | 357.2 |
| 30° | 325.3 | 327.1 | 327.1 | 328.9 | 330.8 | 331.4 | 331.4 | 329.6 |
| 32.5° | 297.6 | 300.1 | 301.3 | 300.7 | 302.6 | 303.8 | 303.2 | 303.2 |
| 35° | 272.5 | 273.1 | 273.7 | 274.3 | 274.9 | 276.2 | 274.9 | 274.3 |
| 37.5° | 245.5 | 247.3 | 246.1 | 247.3 | 248.5 | 247.9 | 247.3 | 247.3 |
| 40° | 220.9 | 221.5 | 220.3 | 221.5 | 222.2 | 222.2 | 222.2 | 220.9 |
| 42.5° | 196.4 | 197.6 | 196.4 | 197.6 | 197.6 | 197.6 | 197.6 | 197.0 |
| 45° | 171.8 | 173.1 | 173.1 | 173.7 | 173.7 | 173.1 | 173.1 | 173.1 |
| 47.5° | 149.1 | 150.4 | 149.1 | 150.4 | 151.0 | 149.7 | 149.7 | 149.7 |
| 50° | 127.7 | 127.0 | 127.0 | 127.7 | 127.7 | 127.7 | 127.7 | 127.0 |
| 52.5° | 105.6 | 106.2 | 106.2 | 106.2 | 106.8 | 106.2 | 106.8 | 106.8 |
| 55° | 86.5 | 86.5 | 86.5 | 87.1 | 86.5 | 86.5 | 87.1 | 87.8 |
| 57.5° | 69.3 | 68.7 | 68.1 | 68.1 | 68.7 | 68.1 | 68.1 | 68.1 |
| 60° | 53.4 | 52.8 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 51.6 |
| 62.5° | 39.9 | 39.9 | 39.9 | 40.5 | 40.5 | 40.5 | 40.5 | 41.1 |
| 65° | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 32.5 |
| 67.5° | 25.8 | 25.8 | 25.8 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 |
| 70° | 21.5 | 21.5 | 22.1 | 21.5 | 22.1 | 22.1 | 22.1 | 22.1 |
| 72.5° | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.1 | 14.7 | 14.1 |
| 75° | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 5.5 |
| 77.5° | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 80° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 82.5° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 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)