

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: P212778

Luminaire Tested: **LD6B10D010 EU6B10209035 6LBSWLI1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P212778
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29203)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: io LED
Catalog Number: LD6B10D010 EU6B10209035 6LBSWLI1
Description: PORTFOLIO 6 INCH SINGLE WALLWASH RECESSED DOWNLIGHT, WITH SPECULAR CLEAR TRIM
Light Source: (1) HIGH LUMEN LED 90CRI / 3500K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 880.4 lumens
Efficiency: N/A
Efficacy: 87.6 lumens/watt
Spacing Criteria (0/90/45): 1.2 / 1.24 / 1.18
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

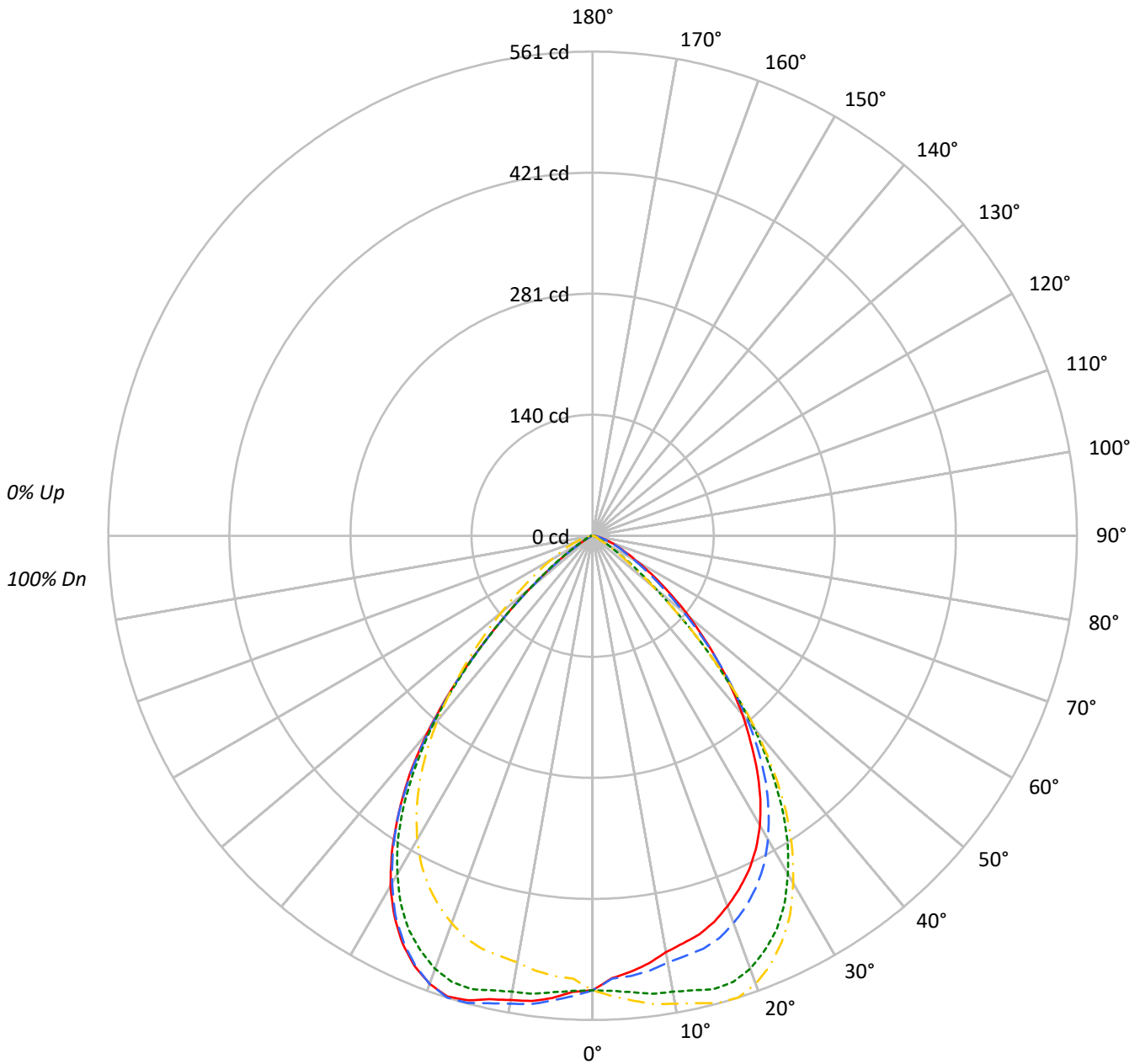
Input Watts (W): 10.05
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P212778

CATALOG NUMBER: LD6B10D010 EU6B10209035 6LBSWL11

Luminous Intensity Polar Plot





TEST NUMBER: P212778

CATALOG NUMBER: LD6B10D010 EU6B10209035 6LBSWLI1

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | | | | |
| RC | 80 | | | | 70 | | | | 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 | | | 100 |
| 1 | 112 | 109 | 106 | 103 | 110 | 107 | 104 | 102 | 103 | 100 | 99 | 99 | 97 | 96 | 95 | 94 | 93 | 91 | | | 91 |
| 2 | 105 | 99 | 94 | 90 | 103 | 97 | 93 | 89 | 94 | 90 | 87 | 91 | 88 | 85 | 88 | 86 | 84 | 82 | | | 82 |
| 3 | 98 | 91 | 84 | 80 | 96 | 89 | 84 | 79 | 86 | 82 | 78 | 84 | 80 | 76 | 81 | 78 | 75 | 73 | | | 73 |
| 4 | 92 | 83 | 76 | 71 | 90 | 82 | 75 | 71 | 79 | 74 | 70 | 77 | 73 | 69 | 75 | 71 | 68 | 66 | | | 66 |
| 5 | 86 | 76 | 69 | 64 | 84 | 75 | 68 | 63 | 73 | 67 | 63 | 71 | 66 | 62 | 70 | 65 | 62 | 60 | | | 60 |
| 6 | 81 | 70 | 63 | 57 | 79 | 69 | 62 | 57 | 67 | 61 | 57 | 66 | 60 | 56 | 64 | 60 | 56 | 54 | | | 54 |
| 7 | 76 | 64 | 57 | 52 | 74 | 64 | 57 | 52 | 62 | 56 | 52 | 61 | 56 | 51 | 60 | 55 | 51 | 49 | | | 49 |
| 8 | 71 | 60 | 53 | 48 | 70 | 59 | 52 | 48 | 58 | 52 | 47 | 57 | 51 | 47 | 56 | 51 | 47 | 45 | | | 45 |
| 9 | 67 | 55 | 48 | 44 | 66 | 55 | 48 | 44 | 54 | 48 | 43 | 53 | 47 | 43 | 52 | 47 | 43 | 42 | | | 42 |
| 10 | 63 | 52 | 45 | 40 | 62 | 51 | 45 | 40 | 50 | 44 | 40 | 49 | 44 | 40 | 49 | 43 | 40 | 38 | | | 38 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 28868 | 28868 | 28868 | 28868 |
| 5° | 27900 | 29215 | 29584 | 29215 |
| 10° | 27265 | 29859 | 30405 | 29859 |
| 15° | 27134 | 30857 | 31623 | 30857 |
| 20° | 26643 | 31147 | 32220 | 31147 |
| 25° | 25883 | 30480 | 31520 | 30480 |
| 30° | 24523 | 28637 | 29644 | 28637 |
| 35° | 22232 | 25518 | 26214 | 25518 |
| 40° | 19300 | 20796 | 21319 | 20796 |
| 45° | 15823 | 14350 | 14451 | 14350 |
| 50° | 12443 | 8051 | 7897 | 8051 |
| 55° | 9194 | 3986 | 3575 | 3986 |
| 60° | 6524 | 1743 | 1272 | 1743 |
| 65° | 4851 | 1116 | 791 | 1116 |
| 70° | 3542 | 882 | 593 | 882 |
| 75° | 2605 | 657 | 381 | 657 |
| 80° | 1736 | 568 | 189 | 568 |
| 85° | 1132 | 377 | 377 | 377 |



TEST NUMBER: P212778

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 50.4 | 5.7 |
| 10°-20° | 149.3 | 17.0 |
| 20°-30° | 222.8 | 25.3 |
| 30°-40° | 228.9 | 26.0 |
| 40°-50° | 148.2 | 16.8 |
| 50°-60° | 55.1 | 6.3 |
| 60°-70° | 18.1 | 2.1 |
| 70°-80° | 6.4 | 0.7 |
| 80°-90° | 1.1 | 0.1 |
| 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° | 422.5 | 48.0 |
| 0°-40° | 651.4 | 74.0 |
| 0°-60° | 854.8 | 97.1 |
| 0°-90° | 880.4 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 880.4 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|-----|-----|------|------|------|------|
| 0° | 527 | 527 | 527 | 527 | 527 | |
| 5° | 507 | 531 | 538 | 531 | 507 | 48 |
| 15° | 478 | 544 | 557 | 544 | 478 | 134 |
| 25° | 428 | 504 | 521 | 504 | 428 | 196 |
| 35° | 332 | 381 | 392 | 381 | 332 | 206 |
| 45° | 204 | 185 | 186 | 185 | 204 | 158 |
| 55° | 96 | 42 | 37 | 42 | 96 | 88 |
| 65° | 37 | 9 | 6 | 9 | 37 | 38 |
| 75° | 12 | 3 | 2 | 3 | 12 | 14 |
| 85° | 2 | 1 | 1 | 1 | 2 | 2 |
| 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° | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 |
| 2.5° | 513.1 | 520.4 | 515.5 | 518.6 | 513.7 | 513.7 | 523.5 | 518.0 | 522.3 | 518.0 | 513.7 |
| 5° | 507.0 | 516.2 | 510.0 | 513.1 | 508.8 | 509.4 | 518.6 | 514.3 | 518.6 | 515.5 | 511.9 |
| 7.5° | 499.6 | 508.8 | 503.3 | 506.3 | 502.1 | 503.3 | 513.1 | 508.8 | 513.7 | 510.6 | 508.2 |
| 10° | 489.8 | 499.6 | 494.7 | 497.8 | 494.1 | 494.7 | 504.5 | 501.4 | 505.7 | 503.9 | 502.1 |
| 12.5° | 483.7 | 492.9 | 487.3 | 490.4 | 488.0 | 489.2 | 498.4 | 495.9 | 501.4 | 499.6 | 498.4 |
| 15° | 478.1 | 486.7 | 481.8 | 484.9 | 483.0 | 483.7 | 493.5 | 491.0 | 497.1 | 495.9 | 495.3 |
| 17.5° | 468.9 | 478.1 | 472.6 | 476.3 | 474.5 | 475.1 | 484.9 | 483.0 | 489.2 | 489.2 | 488.6 |
| 20° | 456.7 | 465.9 | 461.6 | 464.0 | 462.8 | 464.0 | 472.6 | 471.4 | 477.5 | 477.5 | 477.5 |
| 22.5° | 443.2 | 452.4 | 447.5 | 449.9 | 448.7 | 450.6 | 458.5 | 458.5 | 463.4 | 464.0 | 464.7 |
| 25° | 427.9 | 437.1 | 432.2 | 435.2 | 434.0 | 435.2 | 442.6 | 443.2 | 447.5 | 447.5 | 448.7 |
| 27.5° | 409.5 | 418.7 | 413.8 | 416.2 | 415.6 | 416.2 | 424.2 | 425.4 | 427.9 | 428.5 | 429.7 |
| 30° | 387.4 | 396.0 | 391.1 | 393.5 | 393.5 | 393.5 | 401.5 | 402.1 | 404.6 | 405.2 | 406.4 |
| 32.5° | 361.7 | 369.0 | 365.4 | 367.8 | 367.2 | 368.4 | 373.9 | 376.4 | 379.5 | 378.8 | 379.5 |
| 35° | 332.2 | 340.2 | 336.5 | 338.4 | 339.0 | 340.8 | 344.5 | 347.6 | 348.2 | 348.8 | 350.0 |
| 37.5° | 300.4 | 308.3 | 304.7 | 306.5 | 307.1 | 310.8 | 312.0 | 315.1 | 316.3 | 316.3 | 316.3 |
| 40° | 269.7 | 273.4 | 270.3 | 272.2 | 272.8 | 275.9 | 277.1 | 279.5 | 280.8 | 280.1 | 279.5 |
| 42.5° | 236.6 | 239.7 | 236.6 | 238.5 | 238.5 | 240.9 | 241.5 | 244.6 | 244.6 | 243.4 | 241.5 |
| 45° | 204.1 | 207.2 | 204.1 | 205.4 | 205.4 | 207.8 | 207.8 | 207.8 | 209.0 | 207.2 | 204.1 |
| 47.5° | 173.5 | 176.5 | 173.5 | 174.7 | 174.1 | 175.9 | 175.3 | 175.9 | 174.1 | 172.9 | 169.2 |
| 50° | 145.9 | 147.1 | 145.9 | 145.3 | 145.9 | 147.1 | 146.5 | 146.5 | 144.1 | 142.2 | 137.9 |
| 52.5° | 118.9 | 120.8 | 118.9 | 118.9 | 118.9 | 120.1 | 120.1 | 119.5 | 117.1 | 114.6 | 110.3 |
| 55° | 96.2 | 97.5 | 96.9 | 96.2 | 96.2 | 97.5 | 96.2 | 96.2 | 93.8 | 92.0 | 87.7 |
| 57.5° | 76.6 | 77.2 | 76.6 | 76.6 | 76.6 | 77.2 | 77.2 | 76.0 | 74.2 | 72.3 | 69.3 |
| 60° | 59.5 | 60.1 | 60.1 | 59.5 | 59.5 | 60.7 | 60.7 | 60.1 | 58.2 | 57.0 | 53.9 |
| 62.5° | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.8 | 47.8 | 47.8 | 46.6 | 45.4 | 42.9 |
| 65° | 37.4 | 38.0 | 37.4 | 37.4 | 38.0 | 38.6 | 38.0 | 38.6 | 37.4 | 36.8 | 34.9 |
| 67.5° | 28.8 | 29.4 | 28.8 | 29.4 | 29.4 | 30.0 | 29.4 | 30.0 | 28.8 | 28.2 | 27.0 |
| 70° | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.7 | 22.1 | 22.7 | 22.1 | 21.5 | 20.2 |
| 72.5° | 16.6 | 16.6 | 17.2 | 17.2 | 16.6 | 17.2 | 16.6 | 16.6 | 16.6 | 15.9 | 15.3 |
| 75° | 12.3 | 12.3 | 12.9 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 11.6 | 11.6 | 11.0 |
| 77.5° | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 8.0 | 8.0 | 7.4 |
| 80° | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 4.9 | 4.9 |
| 82.5° | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.1 | 3.1 |
| 85° | 1.8 | 1.8 | 1.8 | 2.5 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 87.5° | 0.6 | 0.6 | 0.6 | 1.2 | 0.6 | 0.6 | 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):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 |
| 2.5° | 518.6 | 520.4 | 520.4 | 518.6 | 522.9 | 519.2 | 526.6 | 519.8 | 521.7 | 527.8 | 527.2 |
| 5° | 516.8 | 519.2 | 519.8 | 518.6 | 524.1 | 521.1 | 528.4 | 521.7 | 524.7 | 530.9 | 530.9 |
| 7.5° | 514.3 | 517.4 | 518.6 | 519.8 | 524.7 | 521.7 | 530.3 | 523.5 | 527.8 | 535.2 | 534.5 |
| 10° | 508.8 | 513.1 | 515.5 | 517.4 | 522.3 | 520.4 | 529.6 | 524.1 | 527.8 | 536.4 | 535.8 |
| 12.5° | 505.7 | 510.6 | 514.3 | 517.4 | 522.9 | 521.7 | 530.9 | 526.0 | 530.9 | 539.4 | 539.4 |
| 15° | 503.3 | 508.8 | 513.1 | 518.6 | 524.1 | 522.9 | 532.7 | 528.4 | 533.3 | 543.7 | 543.1 |
| 17.5° | 497.1 | 503.9 | 508.2 | 514.3 | 519.8 | 519.2 | 529.6 | 526.6 | 532.1 | 541.9 | 542.5 |
| 20° | 486.7 | 492.9 | 497.8 | 505.1 | 511.2 | 510.0 | 521.1 | 518.0 | 523.5 | 533.9 | 534.5 |
| 22.5° | 473.2 | 479.4 | 484.3 | 492.2 | 497.8 | 497.1 | 508.2 | 505.1 | 510.6 | 520.4 | 521.1 |
| 25° | 457.3 | 462.8 | 467.7 | 475.1 | 481.2 | 481.2 | 491.0 | 488.0 | 494.1 | 503.9 | 503.9 |
| 27.5° | 437.7 | 442.6 | 446.9 | 455.5 | 460.4 | 460.4 | 469.6 | 466.5 | 472.6 | 481.2 | 480.6 |
| 30° | 413.8 | 418.1 | 421.7 | 429.1 | 433.4 | 434.0 | 442.0 | 438.9 | 445.0 | 452.4 | 452.4 |
| 32.5° | 385.0 | 389.3 | 391.7 | 400.9 | 404.0 | 403.4 | 409.5 | 406.4 | 412.6 | 420.5 | 418.7 |
| 35° | 354.3 | 356.2 | 358.0 | 367.2 | 368.4 | 366.0 | 372.1 | 369.0 | 373.3 | 381.3 | 380.1 |
| 37.5° | 319.4 | 320.0 | 320.0 | 328.0 | 328.6 | 326.7 | 330.4 | 326.7 | 329.8 | 337.2 | 336.5 |
| 40° | 280.8 | 280.1 | 279.5 | 285.7 | 285.0 | 281.4 | 283.8 | 280.8 | 285.0 | 290.6 | 287.5 |
| 42.5° | 241.5 | 239.7 | 237.2 | 240.3 | 237.8 | 234.8 | 236.0 | 231.1 | 234.2 | 238.5 | 234.8 |
| 45° | 202.9 | 199.2 | 194.3 | 194.9 | 191.9 | 188.2 | 186.4 | 181.4 | 180.8 | 185.1 | 182.1 |
| 47.5° | 166.7 | 159.4 | 155.1 | 152.6 | 147.7 | 144.7 | 141.0 | 135.5 | 133.0 | 135.5 | 132.4 |
| 50° | 134.2 | 126.9 | 121.4 | 115.9 | 111.0 | 107.3 | 101.1 | 97.5 | 93.8 | 94.4 | 92.0 |
| 52.5° | 106.1 | 101.1 | 92.0 | 87.7 | 82.8 | 78.5 | 72.9 | 68.7 | 64.4 | 64.4 | 61.9 |
| 55° | 84.0 | 77.2 | 71.1 | 65.0 | 60.1 | 56.4 | 50.9 | 46.6 | 42.3 | 41.7 | 39.2 |
| 57.5° | 65.0 | 60.1 | 53.3 | 47.2 | 44.1 | 40.5 | 34.9 | 30.0 | 27.6 | 25.7 | 23.9 |
| 60° | 50.3 | 45.4 | 39.8 | 34.9 | 31.3 | 28.8 | 23.3 | 19.6 | 17.2 | 15.9 | 14.1 |
| 62.5° | 40.5 | 36.2 | 31.3 | 26.4 | 23.9 | 21.5 | 17.2 | 14.1 | 11.6 | 10.4 | 9.2 |
| 65° | 32.5 | 28.8 | 25.1 | 21.5 | 19.6 | 17.2 | 14.1 | 11.6 | 9.8 | 8.6 | 7.4 |
| 67.5° | 25.1 | 22.7 | 19.6 | 17.2 | 15.3 | 13.5 | 11.0 | 9.2 | 8.0 | 6.7 | 6.1 |
| 70° | 19.0 | 17.2 | 15.3 | 12.9 | 11.6 | 10.4 | 8.6 | 6.7 | 6.1 | 5.5 | 4.9 |
| 72.5° | 14.7 | 12.9 | 11.0 | 9.8 | 8.6 | 8.0 | 6.7 | 5.5 | 4.9 | 4.3 | 3.7 |
| 75° | 9.8 | 9.2 | 8.0 | 6.7 | 6.1 | 5.5 | 4.9 | 4.3 | 3.7 | 3.1 | 3.1 |
| 77.5° | 6.7 | 6.1 | 5.5 | 4.9 | 4.3 | 4.3 | 3.7 | 3.1 | 2.5 | 2.5 | 1.8 |
| 80° | 4.3 | 3.7 | 3.7 | 3.1 | 3.1 | 3.1 | 2.5 | 1.8 | 1.8 | 1.8 | 1.2 |
| 82.5° | 3.1 | 2.5 | 2.5 | 1.8 | 1.8 | 1.8 | 1.8 | 1.2 | 1.2 | 1.2 | 0.6 |
| 85° | 1.8 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0.6 | 0.6 | 0.6 | 0.6 |
| 87.5° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 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° | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 |
| 2.5° | 522.3 | 527.8 | 527.8 | 532.7 | 533.3 | 532.1 | 526.6 | 526.6 | 533.9 | 538.2 | 530.9 |
| 5° | 527.2 | 532.7 | 532.7 | 537.6 | 540.1 | 538.2 | 532.7 | 533.3 | 540.7 | 545.6 | 538.2 |
| 7.5° | 531.5 | 537.0 | 538.2 | 543.7 | 545.6 | 543.7 | 538.2 | 539.4 | 547.4 | 551.7 | 544.3 |
| 10° | 533.3 | 538.8 | 539.4 | 545.6 | 548.0 | 545.6 | 541.3 | 541.9 | 550.5 | 553.5 | 546.8 |
| 12.5° | 537.6 | 543.1 | 543.1 | 549.9 | 552.3 | 550.5 | 545.0 | 546.2 | 554.8 | 557.8 | 551.1 |
| 15° | 541.9 | 547.4 | 547.4 | 554.8 | 557.8 | 555.4 | 551.1 | 551.7 | 560.3 | 563.4 | 557.8 |
| 17.5° | 541.9 | 546.8 | 546.8 | 554.8 | 557.8 | 556.0 | 551.1 | 551.7 | 560.9 | 563.4 | 557.8 |
| 20° | 533.9 | 539.4 | 538.2 | 546.2 | 549.3 | 547.4 | 543.1 | 543.1 | 552.3 | 554.8 | 549.3 |
| 22.5° | 521.1 | 526.0 | 524.7 | 532.1 | 535.8 | 533.3 | 529.6 | 529.0 | 538.2 | 540.7 | 535.2 |
| 25° | 503.3 | 508.2 | 507.0 | 514.3 | 518.0 | 514.9 | 510.6 | 511.2 | 518.6 | 522.3 | 517.4 |
| 27.5° | 482.4 | 485.5 | 483.7 | 491.0 | 494.7 | 491.6 | 487.3 | 488.0 | 495.3 | 497.8 | 494.1 |
| 30° | 454.2 | 456.7 | 454.9 | 461.0 | 463.4 | 461.6 | 457.9 | 457.9 | 464.7 | 467.7 | 464.0 |
| 32.5° | 420.5 | 422.4 | 420.5 | 425.4 | 430.3 | 426.7 | 423.0 | 423.0 | 430.3 | 432.8 | 428.5 |
| 35° | 381.3 | 383.1 | 381.9 | 386.8 | 390.5 | 385.6 | 382.5 | 381.3 | 391.1 | 389.9 | 387.4 |
| 37.5° | 337.8 | 339.0 | 335.3 | 343.9 | 345.7 | 340.2 | 337.8 | 336.5 | 345.1 | 344.5 | 342.1 |
| 40° | 288.7 | 290.0 | 287.5 | 293.6 | 294.2 | 290.0 | 288.1 | 286.3 | 294.9 | 294.2 | 292.4 |
| 42.5° | 236.6 | 237.2 | 234.2 | 239.1 | 240.3 | 236.0 | 235.4 | 232.9 | 240.9 | 239.7 | 239.1 |
| 45° | 182.7 | 182.7 | 180.2 | 183.9 | 185.1 | 181.4 | 180.2 | 179.6 | 185.1 | 185.1 | 183.9 |
| 47.5° | 132.4 | 130.6 | 127.5 | 133.0 | 133.6 | 131.2 | 130.6 | 128.7 | 134.2 | 134.2 | 133.0 |
| 50° | 90.7 | 90.1 | 89.5 | 90.7 | 91.3 | 88.3 | 90.1 | 88.3 | 91.3 | 91.3 | 91.3 |
| 52.5° | 60.7 | 60.1 | 58.8 | 60.1 | 60.1 | 58.2 | 58.2 | 57.6 | 60.1 | 60.1 | 58.8 |
| 55° | 38.0 | 37.4 | 36.8 | 37.4 | 37.4 | 35.6 | 36.8 | 35.6 | 36.8 | 36.8 | 36.2 |
| 57.5° | 23.3 | 22.1 | 22.1 | 21.5 | 21.5 | 20.2 | 20.8 | 20.8 | 20.8 | 20.8 | 20.8 |
| 60° | 13.5 | 12.9 | 12.3 | 12.3 | 12.3 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 |
| 62.5° | 8.6 | 8.6 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 7.4 | 8.0 | 8.0 | 8.0 |
| 65° | 7.4 | 6.7 | 6.7 | 6.7 | 6.7 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 |
| 67.5° | 6.1 | 5.5 | 5.5 | 5.5 | 5.5 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 |
| 70° | 4.9 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 3.7 | 4.3 | 4.3 | 3.7 | 3.7 |
| 72.5° | 3.7 | 3.7 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 |
| 75° | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 77.5° | 1.8 | 1.8 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 80° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 82.5° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 85° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.0 | 0.6 | 0.0 | 0.6 | 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: P212778

CATALOG NUMBER: LD6B10D010 EU6B10209035 6LBSWLI1

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° | 185° | 190° | 195° |
|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 |
| 2.5° | 539.4 | 533.3 | 530.3 | 536.4 | 538.8 | 535.8 | 533.3 | 529.0 | 533.3 | 535.8 | 538.8 |
| 5° | 546.8 | 541.3 | 538.8 | 543.1 | 546.8 | 543.7 | 541.9 | 537.6 | 541.9 | 543.7 | 546.8 |
| 7.5° | 553.5 | 548.0 | 545.0 | 549.3 | 553.5 | 549.3 | 547.4 | 543.7 | 547.4 | 549.3 | 553.5 |
| 10° | 556.0 | 549.9 | 547.4 | 551.1 | 555.4 | 551.1 | 548.6 | 546.2 | 548.6 | 551.1 | 555.4 |
| 12.5° | 560.3 | 554.2 | 551.1 | 554.2 | 558.4 | 554.2 | 551.7 | 549.9 | 551.7 | 554.2 | 558.4 |
| 15° | 566.4 | 560.9 | 557.2 | 560.3 | 565.8 | 560.9 | 557.8 | 557.2 | 557.8 | 560.9 | 565.8 |
| 17.5° | 566.4 | 562.1 | 558.4 | 560.9 | 566.4 | 562.7 | 558.4 | 559.7 | 558.4 | 562.7 | 566.4 |
| 20° | 558.4 | 554.2 | 551.1 | 551.1 | 559.1 | 554.2 | 550.5 | 552.3 | 550.5 | 554.2 | 559.1 |
| 22.5° | 544.3 | 540.7 | 537.6 | 537.0 | 545.0 | 540.7 | 535.8 | 539.4 | 535.8 | 540.7 | 545.0 |
| 25° | 526.0 | 522.3 | 519.8 | 518.6 | 526.6 | 521.7 | 517.4 | 521.1 | 517.4 | 521.7 | 526.6 |
| 27.5° | 502.1 | 499.0 | 496.5 | 494.7 | 502.1 | 497.8 | 493.5 | 497.1 | 493.5 | 497.8 | 502.1 |
| 30° | 471.4 | 469.6 | 467.1 | 464.7 | 472.0 | 467.7 | 463.4 | 468.3 | 463.4 | 467.7 | 472.0 |
| 32.5° | 435.8 | 434.6 | 431.6 | 429.1 | 436.5 | 431.6 | 428.5 | 432.2 | 428.5 | 431.6 | 436.5 |
| 35° | 394.8 | 392.9 | 391.1 | 386.8 | 394.8 | 390.5 | 390.5 | 391.7 | 390.5 | 390.5 | 394.8 |
| 37.5° | 348.8 | 347.6 | 345.1 | 341.4 | 348.2 | 345.1 | 343.9 | 347.6 | 343.9 | 345.1 | 348.2 |
| 40° | 297.3 | 296.7 | 294.9 | 290.6 | 297.9 | 294.9 | 293.0 | 297.9 | 293.0 | 294.9 | 297.9 |
| 42.5° | 243.4 | 242.1 | 240.3 | 239.7 | 243.4 | 240.9 | 242.8 | 242.8 | 242.8 | 240.9 | 243.4 |
| 45° | 187.6 | 186.4 | 185.1 | 182.7 | 187.0 | 185.7 | 185.1 | 186.4 | 185.1 | 185.7 | 187.0 |
| 47.5° | 136.1 | 134.9 | 133.6 | 131.8 | 136.1 | 134.2 | 134.2 | 135.5 | 134.2 | 134.2 | 136.1 |
| 50° | 91.3 | 92.0 | 91.3 | 90.1 | 91.3 | 90.7 | 91.3 | 92.6 | 91.3 | 90.7 | 91.3 |
| 52.5° | 60.7 | 60.7 | 59.5 | 58.8 | 60.1 | 59.5 | 61.3 | 60.1 | 61.3 | 59.5 | 60.1 |
| 55° | 36.8 | 37.4 | 36.8 | 36.2 | 36.8 | 36.2 | 38.0 | 37.4 | 38.0 | 36.2 | 36.8 |
| 57.5° | 20.8 | 20.8 | 21.5 | 20.8 | 22.1 | 21.5 | 21.5 | 21.5 | 21.5 | 21.5 | 22.1 |
| 60° | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 12.3 | 11.6 | 12.3 | 11.6 | 11.6 |
| 62.5° | 8.0 | 8.0 | 8.0 | 7.4 | 8.0 | 7.4 | 8.0 | 8.0 | 8.0 | 7.4 | 8.0 |
| 65° | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 |
| 67.5° | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 |
| 70° | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 |
| 72.5° | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 |
| 75° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 77.5° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 80° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 82.5° | 0.6 | 0.6 | 0.6 | 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 | 0.6 | 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: P212778

CATALOG NUMBER: LD6B10D010 EU6B10209035 6LBSWLI1

CANDELA DISTRIBUTION (continued):

| | 200° | 202.5° | 205° | 210° | 215° | 220° | 225° | 230° | 235° | 240° | 245° |
|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 |
| 2.5° | 536.4 | 530.3 | 533.3 | 539.4 | 530.9 | 538.2 | 533.9 | 526.6 | 526.6 | 532.1 | 533.3 |
| 5° | 543.1 | 538.8 | 541.3 | 546.8 | 538.2 | 545.6 | 540.7 | 533.3 | 532.7 | 538.2 | 540.1 |
| 7.5° | 549.3 | 545.0 | 548.0 | 553.5 | 544.3 | 551.7 | 547.4 | 539.4 | 538.2 | 543.7 | 545.6 |
| 10° | 551.1 | 547.4 | 549.9 | 556.0 | 546.8 | 553.5 | 550.5 | 541.9 | 541.3 | 545.6 | 548.0 |
| 12.5° | 554.2 | 551.1 | 554.2 | 560.3 | 551.1 | 557.8 | 554.8 | 546.2 | 545.0 | 550.5 | 552.3 |
| 15° | 560.3 | 557.2 | 560.9 | 566.4 | 557.8 | 563.4 | 560.3 | 551.7 | 551.1 | 555.4 | 557.8 |
| 17.5° | 560.9 | 558.4 | 562.1 | 566.4 | 557.8 | 563.4 | 560.9 | 551.7 | 551.1 | 556.0 | 557.8 |
| 20° | 551.1 | 551.1 | 554.2 | 558.4 | 549.3 | 554.8 | 552.3 | 543.1 | 543.1 | 547.4 | 549.3 |
| 22.5° | 537.0 | 537.6 | 540.7 | 544.3 | 535.2 | 540.7 | 538.2 | 529.0 | 529.6 | 533.3 | 535.8 |
| 25° | 518.6 | 519.8 | 522.3 | 526.0 | 517.4 | 522.3 | 518.6 | 511.2 | 510.6 | 514.9 | 518.0 |
| 27.5° | 494.7 | 496.5 | 499.0 | 502.1 | 494.1 | 497.8 | 495.3 | 488.0 | 487.3 | 491.6 | 494.7 |
| 30° | 464.7 | 467.1 | 469.6 | 471.4 | 464.0 | 467.7 | 464.7 | 457.9 | 457.9 | 461.6 | 463.4 |
| 32.5° | 429.1 | 431.6 | 434.6 | 435.8 | 428.5 | 432.8 | 430.3 | 423.0 | 423.0 | 426.7 | 430.3 |
| 35° | 386.8 | 391.1 | 392.9 | 394.8 | 387.4 | 389.9 | 391.1 | 381.3 | 382.5 | 385.6 | 390.5 |
| 37.5° | 341.4 | 345.1 | 347.6 | 348.8 | 342.1 | 344.5 | 345.1 | 336.5 | 337.8 | 340.2 | 345.7 |
| 40° | 290.6 | 294.9 | 296.7 | 297.3 | 292.4 | 294.2 | 294.9 | 286.3 | 288.1 | 290.0 | 294.2 |
| 42.5° | 239.7 | 240.3 | 242.1 | 243.4 | 239.1 | 239.7 | 240.9 | 232.9 | 235.4 | 236.0 | 240.3 |
| 45° | 182.7 | 185.1 | 186.4 | 187.6 | 183.9 | 185.1 | 185.1 | 179.6 | 180.2 | 181.4 | 185.1 |
| 47.5° | 131.8 | 133.6 | 134.9 | 136.1 | 133.0 | 134.2 | 134.2 | 128.7 | 130.6 | 131.2 | 133.6 |
| 50° | 90.1 | 91.3 | 92.0 | 91.3 | 91.3 | 91.3 | 91.3 | 88.3 | 90.1 | 88.3 | 91.3 |
| 52.5° | 58.8 | 59.5 | 60.7 | 60.7 | 58.8 | 60.1 | 60.1 | 57.6 | 58.2 | 58.2 | 60.1 |
| 55° | 36.2 | 36.8 | 37.4 | 36.8 | 36.2 | 36.8 | 36.8 | 35.6 | 36.8 | 35.6 | 37.4 |
| 57.5° | 20.8 | 21.5 | 20.8 | 20.8 | 20.8 | 20.8 | 20.8 | 20.8 | 20.8 | 20.2 | 21.5 |
| 60° | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 12.3 |
| 62.5° | 7.4 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 7.4 | 8.0 | 8.0 | 8.0 |
| 65° | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.7 |
| 67.5° | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 5.5 |
| 70° | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 4.3 | 4.3 | 3.7 | 4.3 | 4.3 |
| 72.5° | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 |
| 75° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 2.5 |
| 77.5° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 80° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 1.2 |
| 82.5° | 0.6 | 0.6 | 0.6 | 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 | 0.6 | 0.0 | 0.6 | 0.0 | 0.6 |
| 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: P212778

CATALOG NUMBER: LD6B10D010 EU6B10209035 6LBSWLI1

CANDELA DISTRIBUTION (continued):

| | 247.5° | 250° | 255° | 260° | 265° | 270° | 275° | 280° | 285° | 290° | 292.5° |
|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0° | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 |
| 2.5° | 532.7 | 527.8 | 527.8 | 522.3 | 527.2 | 527.8 | 521.7 | 519.8 | 526.6 | 519.2 | 522.9 |
| 5° | 537.6 | 532.7 | 532.7 | 527.2 | 530.9 | 530.9 | 524.7 | 521.7 | 528.4 | 521.1 | 524.1 |
| 7.5° | 543.7 | 538.2 | 537.0 | 531.5 | 534.5 | 535.2 | 527.8 | 523.5 | 530.3 | 521.7 | 524.7 |
| 10° | 545.6 | 539.4 | 538.8 | 533.3 | 535.8 | 536.4 | 527.8 | 524.1 | 529.6 | 520.4 | 522.3 |
| 12.5° | 549.9 | 543.1 | 543.1 | 537.6 | 539.4 | 539.4 | 530.9 | 526.0 | 530.9 | 521.7 | 522.9 |
| 15° | 554.8 | 547.4 | 547.4 | 541.9 | 543.1 | 543.7 | 533.3 | 528.4 | 532.7 | 522.9 | 524.1 |
| 17.5° | 554.8 | 546.8 | 546.8 | 541.9 | 542.5 | 541.9 | 532.1 | 526.6 | 529.6 | 519.2 | 519.8 |
| 20° | 546.2 | 538.2 | 539.4 | 533.9 | 534.5 | 533.9 | 523.5 | 518.0 | 521.1 | 510.0 | 511.2 |
| 22.5° | 532.1 | 524.7 | 526.0 | 521.1 | 521.1 | 520.4 | 510.6 | 505.1 | 508.2 | 497.1 | 497.8 |
| 25° | 514.3 | 507.0 | 508.2 | 503.3 | 503.9 | 503.9 | 494.1 | 488.0 | 491.0 | 481.2 | 481.2 |
| 27.5° | 491.0 | 483.7 | 485.5 | 482.4 | 480.6 | 481.2 | 472.6 | 466.5 | 469.6 | 460.4 | 460.4 |
| 30° | 461.0 | 454.9 | 456.7 | 454.2 | 452.4 | 452.4 | 445.0 | 438.9 | 442.0 | 434.0 | 433.4 |
| 32.5° | 425.4 | 420.5 | 422.4 | 420.5 | 418.7 | 420.5 | 412.6 | 406.4 | 409.5 | 403.4 | 404.0 |
| 35° | 386.8 | 381.9 | 383.1 | 381.3 | 380.1 | 381.3 | 373.3 | 369.0 | 372.1 | 366.0 | 368.4 |
| 37.5° | 343.9 | 335.3 | 339.0 | 337.8 | 336.5 | 337.2 | 329.8 | 326.7 | 330.4 | 326.7 | 328.6 |
| 40° | 293.6 | 287.5 | 290.0 | 288.7 | 287.5 | 290.6 | 285.0 | 280.8 | 283.8 | 281.4 | 285.0 |
| 42.5° | 239.1 | 234.2 | 237.2 | 236.6 | 234.8 | 238.5 | 234.2 | 231.1 | 236.0 | 234.8 | 237.8 |
| 45° | 183.9 | 180.2 | 182.7 | 182.7 | 182.1 | 185.1 | 180.8 | 181.4 | 186.4 | 188.2 | 191.9 |
| 47.5° | 133.0 | 127.5 | 130.6 | 132.4 | 132.4 | 135.5 | 133.0 | 135.5 | 141.0 | 144.7 | 147.7 |
| 50° | 90.7 | 89.5 | 90.1 | 90.7 | 92.0 | 94.4 | 93.8 | 97.5 | 101.1 | 107.3 | 111.0 |
| 52.5° | 60.1 | 58.8 | 60.1 | 60.7 | 61.9 | 64.4 | 64.4 | 68.7 | 72.9 | 78.5 | 82.8 |
| 55° | 37.4 | 36.8 | 37.4 | 38.0 | 39.2 | 41.7 | 42.3 | 46.6 | 50.9 | 56.4 | 60.1 |
| 57.5° | 21.5 | 22.1 | 22.1 | 23.3 | 23.9 | 25.7 | 27.6 | 30.0 | 34.9 | 40.5 | 44.1 |
| 60° | 12.3 | 12.3 | 12.9 | 13.5 | 14.1 | 15.9 | 17.2 | 19.6 | 23.3 | 28.8 | 31.3 |
| 62.5° | 8.0 | 8.0 | 8.6 | 8.6 | 9.2 | 10.4 | 11.6 | 14.1 | 17.2 | 21.5 | 23.9 |
| 65° | 6.7 | 6.7 | 6.7 | 7.4 | 7.4 | 8.6 | 9.8 | 11.6 | 14.1 | 17.2 | 19.6 |
| 67.5° | 5.5 | 5.5 | 5.5 | 6.1 | 6.1 | 6.7 | 8.0 | 9.2 | 11.0 | 13.5 | 15.3 |
| 70° | 4.3 | 4.3 | 4.3 | 4.9 | 4.9 | 5.5 | 6.1 | 6.7 | 8.6 | 10.4 | 11.6 |
| 72.5° | 3.1 | 3.1 | 3.7 | 3.7 | 3.7 | 4.3 | 4.9 | 5.5 | 6.7 | 8.0 | 8.6 |
| 75° | 2.5 | 2.5 | 2.5 | 2.5 | 3.1 | 3.1 | 3.7 | 4.3 | 4.9 | 5.5 | 6.1 |
| 77.5° | 1.2 | 1.2 | 1.8 | 1.8 | 1.8 | 2.5 | 2.5 | 3.1 | 3.7 | 4.3 | 4.3 |
| 80° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.8 | 1.8 | 1.8 | 2.5 | 3.1 | 3.1 |
| 82.5° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 1.2 | 1.2 | 1.2 | 1.8 | 1.8 | 1.8 |
| 85° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 1.2 | 1.2 | 1.2 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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: P212778

CATALOG NUMBER: LD6B10D010 EU6B10209035 6LBSWLI1

CANDELA DISTRIBUTION (continued):

| | 295° | 300° | 305° | 310° | 315° | 320° | 325° | 330° | 335° | 337.5° | 340° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0° | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 | 526.6 |
| 2.5° | 518.6 | 520.4 | 520.4 | 518.6 | 513.7 | 518.0 | 522.3 | 518.0 | 523.5 | 513.7 | 513.7 |
| 5° | 518.6 | 519.8 | 519.2 | 516.8 | 511.9 | 515.5 | 518.6 | 514.3 | 518.6 | 509.4 | 508.8 |
| 7.5° | 519.8 | 518.6 | 517.4 | 514.3 | 508.2 | 510.6 | 513.7 | 508.8 | 513.1 | 503.3 | 502.1 |
| 10° | 517.4 | 515.5 | 513.1 | 508.8 | 502.1 | 503.9 | 505.7 | 501.4 | 504.5 | 494.7 | 494.1 |
| 12.5° | 517.4 | 514.3 | 510.6 | 505.7 | 498.4 | 499.6 | 501.4 | 495.9 | 498.4 | 489.2 | 488.0 |
| 15° | 518.6 | 513.1 | 508.8 | 503.3 | 495.3 | 495.9 | 497.1 | 491.0 | 493.5 | 483.7 | 483.0 |
| 17.5° | 514.3 | 508.2 | 503.9 | 497.1 | 488.6 | 489.2 | 489.2 | 483.0 | 484.9 | 475.1 | 474.5 |
| 20° | 505.1 | 497.8 | 492.9 | 486.7 | 477.5 | 477.5 | 477.5 | 471.4 | 472.6 | 464.0 | 462.8 |
| 22.5° | 492.2 | 484.3 | 479.4 | 473.2 | 464.7 | 464.0 | 463.4 | 458.5 | 458.5 | 450.6 | 448.7 |
| 25° | 475.1 | 467.7 | 462.8 | 457.3 | 448.7 | 447.5 | 447.5 | 443.2 | 442.6 | 435.2 | 434.0 |
| 27.5° | 455.5 | 446.9 | 442.6 | 437.7 | 429.7 | 428.5 | 427.9 | 425.4 | 424.2 | 416.2 | 415.6 |
| 30° | 429.1 | 421.7 | 418.1 | 413.8 | 406.4 | 405.2 | 404.6 | 402.1 | 401.5 | 393.5 | 393.5 |
| 32.5° | 400.9 | 391.7 | 389.3 | 385.0 | 379.5 | 378.8 | 379.5 | 376.4 | 373.9 | 368.4 | 367.2 |
| 35° | 367.2 | 358.0 | 356.2 | 354.3 | 350.0 | 348.8 | 348.2 | 347.6 | 344.5 | 340.8 | 339.0 |
| 37.5° | 328.0 | 320.0 | 320.0 | 319.4 | 316.3 | 316.3 | 316.3 | 315.1 | 312.0 | 310.8 | 307.1 |
| 40° | 285.7 | 279.5 | 280.1 | 280.8 | 279.5 | 280.1 | 280.8 | 279.5 | 277.1 | 275.9 | 272.8 |
| 42.5° | 240.3 | 237.2 | 239.7 | 241.5 | 241.5 | 243.4 | 244.6 | 244.6 | 241.5 | 240.9 | 238.5 |
| 45° | 194.9 | 194.3 | 199.2 | 202.9 | 204.1 | 207.2 | 209.0 | 207.8 | 207.8 | 207.8 | 205.4 |
| 47.5° | 152.6 | 155.1 | 159.4 | 166.7 | 169.2 | 172.9 | 174.1 | 175.9 | 175.3 | 175.9 | 174.1 |
| 50° | 115.9 | 121.4 | 126.9 | 134.2 | 137.9 | 142.2 | 144.1 | 146.5 | 146.5 | 147.1 | 145.9 |
| 52.5° | 87.7 | 92.0 | 101.1 | 106.1 | 110.3 | 114.6 | 117.1 | 119.5 | 120.1 | 120.1 | 118.9 |
| 55° | 65.0 | 71.1 | 77.2 | 84.0 | 87.7 | 92.0 | 93.8 | 96.2 | 96.2 | 97.5 | 96.2 |
| 57.5° | 47.2 | 53.3 | 60.1 | 65.0 | 69.3 | 72.3 | 74.2 | 76.0 | 77.2 | 77.2 | 76.6 |
| 60° | 34.9 | 39.8 | 45.4 | 50.3 | 53.9 | 57.0 | 58.2 | 60.1 | 60.7 | 60.7 | 59.5 |
| 62.5° | 26.4 | 31.3 | 36.2 | 40.5 | 42.9 | 45.4 | 46.6 | 47.8 | 47.8 | 47.8 | 47.2 |
| 65° | 21.5 | 25.1 | 28.8 | 32.5 | 34.9 | 36.8 | 37.4 | 38.6 | 38.0 | 38.6 | 38.0 |
| 67.5° | 17.2 | 19.6 | 22.7 | 25.1 | 27.0 | 28.2 | 28.8 | 30.0 | 29.4 | 30.0 | 29.4 |
| 70° | 12.9 | 15.3 | 17.2 | 19.0 | 20.2 | 21.5 | 22.1 | 22.7 | 22.1 | 22.7 | 22.1 |
| 72.5° | 9.8 | 11.0 | 12.9 | 14.7 | 15.3 | 15.9 | 16.6 | 16.6 | 16.6 | 17.2 | 16.6 |
| 75° | 6.7 | 8.0 | 9.2 | 9.8 | 11.0 | 11.6 | 11.6 | 12.3 | 12.3 | 12.3 | 12.3 |
| 77.5° | 4.9 | 5.5 | 6.1 | 6.7 | 7.4 | 8.0 | 8.0 | 8.6 | 8.6 | 8.6 | 8.6 |
| 80° | 3.1 | 3.7 | 3.7 | 4.3 | 4.9 | 4.9 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 |
| 82.5° | 1.8 | 2.5 | 2.5 | 3.1 | 3.1 | 3.1 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 |
| 85° | 1.2 | 1.2 | 1.2 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 87.5° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 1.2 | 1.2 | 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: P212778

CATALOG NUMBER: LD6B10D010 EU6B10209035 6LBSWLI1

CANDELA DISTRIBUTION (continued):

| | 345° | 350° | 355° | 360° |
|-------|-------|-------|-------|-------|
| 0° | 526.6 | 526.6 | 526.6 | 526.6 |
| 2.5° | 518.6 | 515.5 | 520.4 | 513.1 |
| 5° | 513.1 | 510.0 | 516.2 | 507.0 |
| 7.5° | 506.3 | 503.3 | 508.8 | 499.6 |
| 10° | 497.8 | 494.7 | 499.6 | 489.8 |
| 12.5° | 490.4 | 487.3 | 492.9 | 483.7 |
| 15° | 484.9 | 481.8 | 486.7 | 478.1 |
| 17.5° | 476.3 | 472.6 | 478.1 | 468.9 |
| 20° | 464.0 | 461.6 | 465.9 | 456.7 |
| 22.5° | 449.9 | 447.5 | 452.4 | 443.2 |
| 25° | 435.2 | 432.2 | 437.1 | 427.9 |
| 27.5° | 416.2 | 413.8 | 418.7 | 409.5 |
| 30° | 393.5 | 391.1 | 396.0 | 387.4 |
| 32.5° | 367.8 | 365.4 | 369.0 | 361.7 |
| 35° | 338.4 | 336.5 | 340.2 | 332.2 |
| 37.5° | 306.5 | 304.7 | 308.3 | 300.4 |
| 40° | 272.2 | 270.3 | 273.4 | 269.7 |
| 42.5° | 238.5 | 236.6 | 239.7 | 236.6 |
| 45° | 205.4 | 204.1 | 207.2 | 204.1 |
| 47.5° | 174.7 | 173.5 | 176.5 | 173.5 |
| 50° | 145.3 | 145.9 | 147.1 | 145.9 |
| 52.5° | 118.9 | 118.9 | 120.8 | 118.9 |
| 55° | 96.2 | 96.9 | 97.5 | 96.2 |
| 57.5° | 76.6 | 76.6 | 77.2 | 76.6 |
| 60° | 59.5 | 60.1 | 60.1 | 59.5 |
| 62.5° | 47.2 | 47.2 | 47.2 | 47.2 |
| 65° | 37.4 | 37.4 | 38.0 | 37.4 |
| 67.5° | 29.4 | 28.8 | 29.4 | 28.8 |
| 70° | 22.1 | 22.1 | 22.1 | 22.1 |
| 72.5° | 17.2 | 17.2 | 16.6 | 16.6 |
| 75° | 12.3 | 12.9 | 12.3 | 12.3 |
| 77.5° | 8.6 | 8.6 | 8.6 | 8.6 |
| 80° | 5.5 | 5.5 | 5.5 | 5.5 |
| 82.5° | 3.7 | 3.7 | 3.7 | 3.7 |
| 85° | 2.5 | 1.8 | 1.8 | 1.8 |
| 87.5° | 1.2 | 0.6 | 0.6 | 0.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |



Report Generated By E9808895 / USPTCWHP6082093





— 0°-180° - - 45°-225° - - - - 90°-270° - · - · 135°-315°





















(END OF REPORT)