

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: PORTFOLIO

Report Number: P684754

Luminaire Tested: **LX6C10D010 EX6109040 6LCSWLI**

Issue Date: 2/15/2022

This test was performed under the Supervised Manufacturer's Testing Program. The results of this test have not been influenced by sources from within Cooper Lighting Solutions or from external interests.



Test Information

Test Method: LM-79-08
Report Number: P684754
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P252180)
Test Lab: INNOVATION CENTER
Issue Date: 2/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX6C10D010 EX6109040 6LCSWLI
Description: 6 INCH 1000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 4000K, 90CRI LEDS
AND 6LCSW TRIM WITH LI FINISH
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

Summary

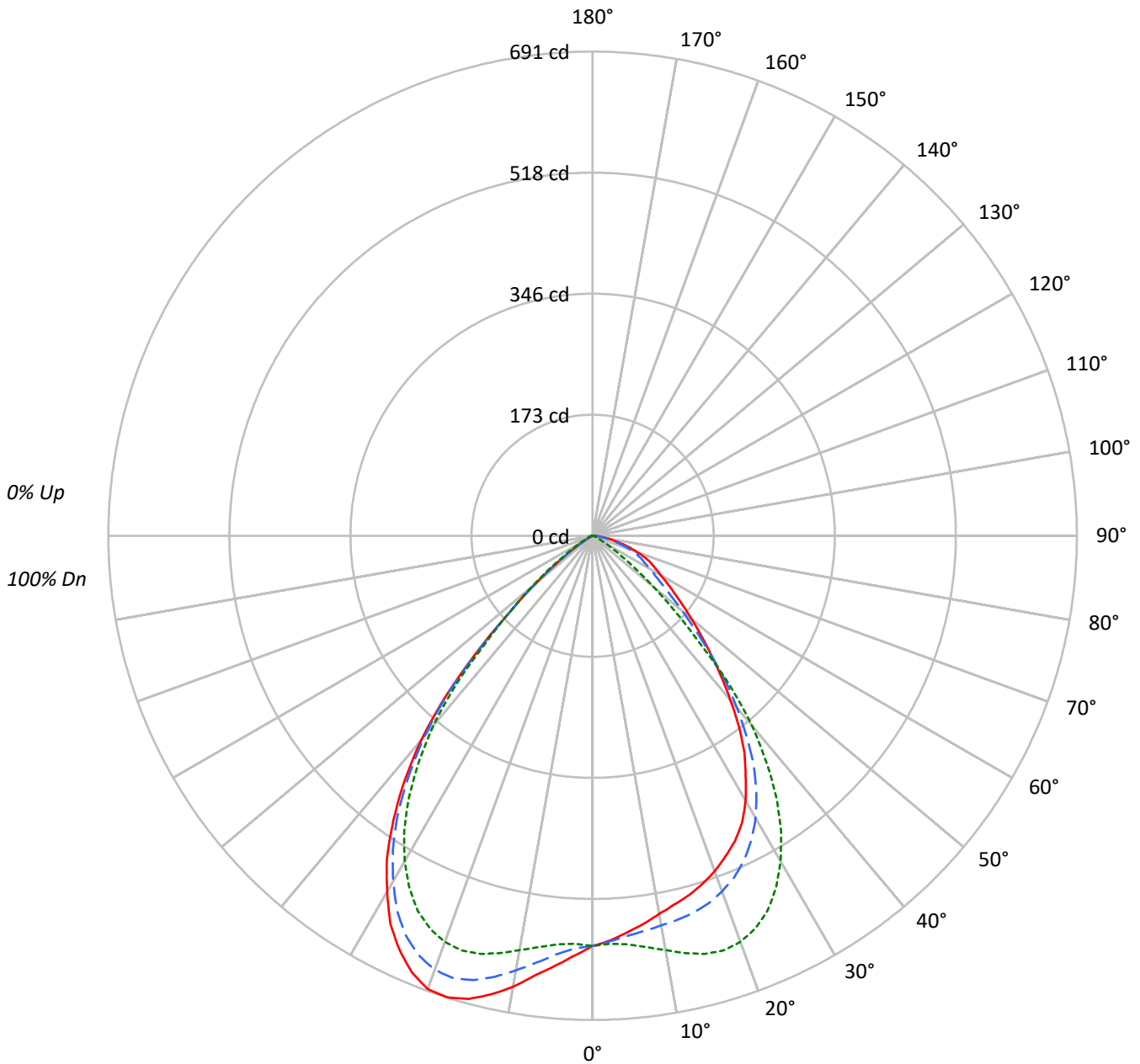
Lumens per Lamp: N/A
Luminaire Lumens: 1070.0 lumens
Efficiency: N/A
Efficacy: 109.2 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.29 / 1.21
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 9.8
Input Voltage (V):
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: P684754

CATALOG NUMBER: LX6C10D010 EX6109040 6LCSWLI

Luminous Intensity Polar Plot





TEST NUMBER: P684754

CATALOG NUMBER: LX6C10D010 EX6109040 6LCSWLI

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|---|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|---|
| RF | 20 | | | | | | | | | 20 | | | | | | | | | 20 | | | | | | | | | 20 | | | | | | | | | |
| RC | 80 | | | | | | | | | 50 | | | | | | | | | 30 | | | | | | | | | 10 | | | | | | | | | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | | | | | | | | | | | | | | | | |
| RCR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | | | | | | | | | | | | | | | | | | | |
| 1 | 112 | 108 | 105 | 103 | 109 | 106 | 103 | 101 | 102 | 100 | 98 | 98 | 96 | 95 | 95 | 93 | 92 | 90 | | | | | | | | | | | | | | | | | | | |
| 2 | 105 | 98 | 93 | 89 | 102 | 97 | 92 | 88 | 93 | 89 | 86 | 90 | 87 | 84 | 87 | 85 | 82 | 80 | | | | | | | | | | | | | | | | | | | |
| 3 | 98 | 89 | 83 | 78 | 95 | 88 | 82 | 78 | 85 | 80 | 76 | 83 | 78 | 75 | 80 | 77 | 74 | 72 | | | | | | | | | | | | | | | | | | | |
| 4 | 91 | 82 | 75 | 69 | 89 | 80 | 74 | 69 | 78 | 72 | 68 | 76 | 71 | 67 | 74 | 70 | 66 | 65 | | | | | | | | | | | | | | | | | | | |
| 5 | 85 | 75 | 67 | 62 | 83 | 74 | 67 | 62 | 72 | 66 | 61 | 70 | 65 | 61 | 68 | 64 | 60 | 58 | | | | | | | | | | | | | | | | | | | |
| 6 | 80 | 69 | 61 | 56 | 78 | 68 | 61 | 56 | 66 | 60 | 55 | 64 | 59 | 55 | 63 | 58 | 54 | 53 | | | | | | | | | | | | | | | | | | | |
| 7 | 74 | 63 | 56 | 51 | 73 | 62 | 55 | 50 | 61 | 55 | 50 | 60 | 54 | 50 | 58 | 53 | 50 | 48 | | | | | | | | | | | | | | | | | | | |
| 8 | 70 | 58 | 51 | 46 | 69 | 58 | 51 | 46 | 57 | 50 | 46 | 55 | 50 | 46 | 54 | 49 | 45 | 44 | | | | | | | | | | | | | | | | | | | |
| 9 | 66 | 54 | 47 | 42 | 64 | 54 | 47 | 42 | 53 | 46 | 42 | 52 | 46 | 42 | 51 | 45 | 42 | 40 | | | | | | | | | | | | | | | | | | | |
| 10 | 62 | 50 | 43 | 39 | 61 | 50 | 43 | 39 | 49 | 43 | 39 | 48 | 43 | 39 | 47 | 42 | 38 | 37 | | | | | | | | | | | | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|-------|-------|-------|
| 0° | 32092 | 32092 | 32092 |
| 5° | 31257 | 32214 | 33904 |
| 10° | 30499 | 33427 | 36389 |
| 15° | 30142 | 35063 | 38842 |
| 20° | 29712 | 35977 | 40154 |
| 25° | 29076 | 35712 | 39438 |
| 30° | 27631 | 33936 | 37126 |
| 35° | 25277 | 30597 | 33147 |
| 40° | 21870 | 25269 | 27194 |
| 45° | 18444 | 16575 | 17785 |
| 50° | 15658 | 9595 | 9023 |
| 55° | 13581 | 4597 | 3479 |
| 60° | 12269 | 2149 | 855 |
| 65° | 11908 | 1232 | 285 |
| 70° | 10675 | 994 | 272 |
| 75° | 8769 | 720 | 127 |
| 80° | 6535 | 347 | 0 |
| 85° | 5661 | 0 | 0 |



TEST NUMBER: P684754

CATALOG NUMBER: LX6C10D010 EX6109040 6LCSWLI

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 56.5 | 5.3 |
| 10°-20° | 172.3 | 16.1 |
| 20°-30° | 263.3 | 24.6 |
| 30°-40° | 275.4 | 25.7 |
| 40°-50° | 178.6 | 16.7 |
| 50°-60° | 70.9 | 6.6 |
| 60°-70° | 33.6 | 3.1 |
| 70°-80° | 16.0 | 1.5 |
| 80°-90° | 3.3 | 0.3 |
| 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° | 492.1 | 46.0 |
| 0°-40° | 767.5 | 71.7 |
| 0°-60° | 1017.1 | 95.1 |
| 0°-90° | 1070.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1070.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|-----|-----|-----|------|------|------|
| 0° | 585 | 585 | 585 | 585 | 585 | |
| 5° | 568 | 573 | 585 | 600 | 616 | 54 |
| 15° | 531 | 557 | 618 | 656 | 684 | 150 |
| 25° | 481 | 511 | 590 | 630 | 652 | 220 |
| 35° | 378 | 401 | 457 | 484 | 495 | 234 |
| 45° | 238 | 236 | 214 | 227 | 229 | 185 |
| 55° | 142 | 121 | 48 | 38 | 36 | 129 |
| 65° | 92 | 76 | 10 | 2 | 2 | 90 |
| 75° | 41 | 34 | 3 | 1 | 1 | 45 |
| 85° | 9 | 6 | 0 | 0 | 0 | 10 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P684754

CATALOG NUMBER: LX6C10D010 EX6109040 6LCSWLI

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 585.4 | 585.4 | 585.4 | 585.4 | 585.4 | 585.4 | 585.4 | 585.4 | 585.4 | 585.4 | 585.4 |
| 2.5° | 578.1 | 579.2 | 573.1 | 571.4 | 575.9 | 577.5 | 578.1 | 576.4 | 577.0 | 579.2 | 579.2 |
| 5° | 568.0 | 569.1 | 563.5 | 561.9 | 566.3 | 567.5 | 569.1 | 568.6 | 570.3 | 573.6 | 573.1 |
| 7.5° | 558.5 | 560.2 | 554.0 | 551.8 | 557.4 | 560.2 | 561.3 | 561.3 | 563.5 | 568.0 | 568.6 |
| 10° | 547.9 | 550.1 | 544.5 | 543.4 | 549.6 | 552.4 | 552.9 | 554.0 | 557.4 | 563.5 | 564.7 |
| 12.5° | 538.9 | 541.2 | 537.3 | 535.6 | 542.3 | 545.1 | 546.2 | 548.4 | 552.4 | 560.2 | 561.3 |
| 15° | 531.1 | 532.8 | 528.3 | 527.2 | 533.9 | 537.3 | 537.8 | 541.2 | 546.2 | 555.2 | 556.8 |
| 17.5° | 521.0 | 522.1 | 518.8 | 517.7 | 524.4 | 527.7 | 528.3 | 532.2 | 538.4 | 547.3 | 550.1 |
| 20° | 509.3 | 510.4 | 507.0 | 505.9 | 512.6 | 516.5 | 517.1 | 520.5 | 527.7 | 537.3 | 540.0 |
| 22.5° | 495.3 | 497.5 | 493.6 | 492.5 | 499.2 | 502.5 | 504.2 | 507.0 | 514.3 | 523.8 | 527.7 |
| 25° | 480.7 | 480.7 | 477.9 | 477.4 | 483.5 | 487.4 | 486.9 | 490.8 | 498.1 | 507.6 | 510.9 |
| 27.5° | 461.7 | 461.1 | 458.3 | 457.8 | 464.5 | 467.9 | 466.7 | 470.7 | 477.4 | 486.9 | 490.2 |
| 30° | 436.5 | 437.6 | 433.7 | 432.6 | 438.2 | 443.8 | 443.2 | 447.1 | 453.9 | 462.8 | 465.1 |
| 32.5° | 406.3 | 407.4 | 406.9 | 405.2 | 410.2 | 413.0 | 414.7 | 417.5 | 423.1 | 432.6 | 434.8 |
| 35° | 377.7 | 376.1 | 373.8 | 373.8 | 378.9 | 383.3 | 381.7 | 385.0 | 390.6 | 400.1 | 400.7 |
| 37.5° | 342.5 | 341.9 | 340.8 | 339.7 | 345.3 | 346.4 | 347.0 | 349.2 | 354.3 | 362.1 | 361.0 |
| 40° | 305.6 | 306.1 | 305.6 | 303.3 | 306.7 | 311.2 | 310.6 | 311.7 | 316.2 | 321.8 | 320.1 |
| 42.5° | 270.9 | 270.9 | 270.9 | 268.6 | 272.5 | 274.8 | 275.9 | 275.3 | 276.4 | 281.5 | 279.2 |
| 45° | 237.9 | 238.4 | 237.9 | 237.3 | 237.9 | 239.0 | 237.9 | 237.3 | 237.3 | 239.0 | 235.6 |
| 47.5° | 209.3 | 209.3 | 207.6 | 205.9 | 207.6 | 208.2 | 206.5 | 204.8 | 204.3 | 203.7 | 198.1 |
| 50° | 183.6 | 183.0 | 182.4 | 179.7 | 181.3 | 181.9 | 179.7 | 178.5 | 176.3 | 173.5 | 166.8 |
| 52.5° | 161.2 | 160.6 | 160.0 | 157.3 | 158.4 | 158.9 | 156.7 | 154.5 | 151.7 | 149.4 | 141.0 |
| 55° | 142.1 | 141.6 | 141.6 | 139.9 | 138.8 | 139.9 | 137.7 | 136.0 | 132.1 | 129.3 | 120.9 |
| 57.5° | 125.9 | 125.9 | 124.8 | 123.1 | 123.7 | 123.7 | 121.5 | 119.2 | 115.8 | 112.5 | 105.8 |
| 60° | 111.9 | 111.9 | 111.9 | 110.2 | 110.2 | 110.2 | 109.1 | 106.9 | 104.1 | 100.7 | 94.0 |
| 62.5° | 100.7 | 100.7 | 100.2 | 98.5 | 99.0 | 99.0 | 97.9 | 95.7 | 92.9 | 90.7 | 83.9 |
| 65° | 91.8 | 91.8 | 91.8 | 90.1 | 90.1 | 90.7 | 89.5 | 87.3 | 85.1 | 82.3 | 76.1 |
| 67.5° | 80.6 | 80.0 | 80.0 | 78.9 | 79.5 | 80.0 | 78.9 | 77.2 | 74.4 | 72.8 | 67.2 |
| 70° | 66.6 | 67.2 | 67.7 | 66.0 | 66.6 | 66.6 | 66.0 | 64.4 | 62.7 | 61.0 | 56.0 |
| 72.5° | 54.3 | 54.3 | 53.7 | 53.2 | 53.2 | 53.7 | 52.6 | 50.9 | 49.8 | 48.7 | 44.8 |
| 75° | 41.4 | 40.8 | 41.4 | 40.3 | 40.3 | 40.3 | 39.2 | 38.6 | 38.1 | 36.4 | 33.6 |
| 77.5° | 30.2 | 29.7 | 29.7 | 28.5 | 29.1 | 29.1 | 28.5 | 27.4 | 26.3 | 25.7 | 23.5 |
| 80° | 20.7 | 20.7 | 20.7 | 20.2 | 20.2 | 19.6 | 19.6 | 19.0 | 17.9 | 17.4 | 16.2 |
| 82.5° | 14.0 | 14.0 | 14.0 | 13.4 | 13.4 | 13.4 | 12.9 | 12.3 | 11.8 | 11.2 | 10.1 |
| 85° | 9.0 | 9.0 | 9.0 | 8.4 | 8.4 | 8.4 | 7.8 | 7.8 | 7.3 | 6.7 | 5.6 |
| 87.5° | 5.0 | 5.0 | 5.0 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 3.9 | 3.4 | 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: P684754

CATALOG NUMBER: LX6C10D010 EX6109040 6LCSWLI

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 585.4 | 585.4 | 585.4 | 585.4 | 585.4 | 585.4 | 585.4 | 585.4 | 585.4 | 585.4 | 585.4 |
| 2.5° | 583.1 | 575.3 | 580.3 | 580.3 | 578.7 | 583.1 | 585.9 | 588.2 | 587.6 | 582.6 | 582.0 |
| 5° | 578.7 | 571.9 | 577.5 | 578.1 | 576.4 | 582.6 | 586.5 | 589.3 | 589.9 | 585.4 | 585.9 |
| 7.5° | 575.3 | 569.7 | 577.0 | 579.2 | 578.7 | 584.3 | 588.7 | 593.2 | 595.5 | 592.1 | 592.7 |
| 10° | 573.6 | 569.1 | 577.0 | 580.3 | 580.9 | 587.1 | 593.8 | 599.9 | 602.7 | 600.5 | 602.2 |
| 12.5° | 571.4 | 568.6 | 577.5 | 582.6 | 584.8 | 591.0 | 599.4 | 606.6 | 611.1 | 610.0 | 613.4 |
| 15° | 569.1 | 566.9 | 577.5 | 584.8 | 587.6 | 593.2 | 602.7 | 613.4 | 618.4 | 617.8 | 622.3 |
| 17.5° | 563.5 | 563.0 | 574.2 | 582.0 | 585.9 | 592.7 | 601.6 | 614.5 | 619.5 | 620.6 | 626.2 |
| 20° | 554.6 | 554.6 | 566.9 | 575.3 | 579.8 | 585.9 | 597.1 | 609.4 | 615.6 | 616.7 | 622.9 |
| 22.5° | 542.3 | 543.4 | 555.2 | 563.5 | 570.3 | 574.7 | 586.5 | 599.4 | 605.0 | 606.6 | 613.4 |
| 25° | 526.1 | 527.2 | 538.4 | 546.8 | 554.0 | 559.1 | 570.3 | 582.0 | 588.7 | 590.4 | 595.5 |
| 27.5° | 504.8 | 507.0 | 517.7 | 526.1 | 532.2 | 535.6 | 547.3 | 559.6 | 564.7 | 566.3 | 571.4 |
| 30° | 480.2 | 480.7 | 491.4 | 498.6 | 504.8 | 507.6 | 517.7 | 530.5 | 534.5 | 536.1 | 543.4 |
| 32.5° | 449.9 | 449.4 | 459.5 | 466.2 | 471.2 | 474.6 | 485.2 | 493.6 | 497.5 | 500.3 | 504.2 |
| 35° | 413.6 | 413.0 | 420.3 | 428.1 | 432.0 | 433.2 | 443.8 | 452.7 | 455.0 | 457.2 | 462.3 |
| 37.5° | 372.7 | 372.7 | 378.9 | 382.8 | 387.3 | 388.9 | 394.0 | 404.1 | 408.0 | 407.4 | 411.3 |
| 40° | 329.6 | 327.4 | 331.9 | 335.8 | 336.9 | 337.4 | 342.5 | 350.3 | 353.1 | 353.1 | 355.9 |
| 42.5° | 284.3 | 280.9 | 281.5 | 283.7 | 284.8 | 280.9 | 284.3 | 289.3 | 287.6 | 289.9 | 290.5 |
| 45° | 236.2 | 231.1 | 228.9 | 223.8 | 225.0 | 221.0 | 218.8 | 219.9 | 219.4 | 213.8 | 214.9 |
| 47.5° | 197.0 | 188.0 | 184.1 | 176.9 | 175.2 | 170.7 | 167.9 | 162.8 | 158.4 | 158.4 | 155.6 |
| 50° | 164.0 | 155.0 | 147.2 | 138.8 | 136.0 | 132.1 | 125.9 | 119.2 | 115.8 | 112.5 | 109.7 |
| 52.5° | 137.7 | 128.2 | 118.6 | 109.7 | 105.8 | 100.7 | 92.3 | 85.6 | 79.5 | 76.1 | 72.8 |
| 55° | 116.4 | 105.8 | 95.7 | 86.2 | 81.1 | 76.1 | 67.7 | 59.9 | 52.6 | 48.1 | 45.3 |
| 57.5° | 100.2 | 90.1 | 79.5 | 69.4 | 64.9 | 59.3 | 50.4 | 42.0 | 35.3 | 30.2 | 27.4 |
| 60° | 88.4 | 78.4 | 68.8 | 58.2 | 53.7 | 48.1 | 38.6 | 30.8 | 24.1 | 19.6 | 16.2 |
| 62.5° | 78.4 | 69.4 | 59.3 | 49.8 | 45.3 | 39.7 | 30.8 | 22.9 | 16.8 | 12.3 | 9.5 |
| 65° | 71.1 | 62.1 | 53.7 | 44.2 | 40.3 | 34.7 | 26.3 | 19.0 | 13.4 | 9.5 | 6.7 |
| 67.5° | 62.7 | 54.8 | 46.4 | 38.6 | 34.7 | 30.2 | 22.4 | 16.2 | 11.2 | 7.8 | 5.6 |
| 70° | 52.6 | 46.4 | 39.2 | 31.9 | 29.1 | 25.2 | 18.5 | 13.4 | 9.0 | 6.2 | 4.5 |
| 72.5° | 42.0 | 36.9 | 31.3 | 25.7 | 23.5 | 19.6 | 15.1 | 10.6 | 6.7 | 4.5 | 3.4 |
| 75° | 31.9 | 28.0 | 23.5 | 19.6 | 17.4 | 15.1 | 11.2 | 7.8 | 5.0 | 3.4 | 2.2 |
| 77.5° | 21.8 | 20.2 | 16.8 | 13.4 | 12.3 | 10.6 | 7.3 | 5.0 | 3.4 | 2.2 | 1.1 |
| 80° | 15.1 | 13.4 | 11.2 | 9.0 | 7.8 | 6.7 | 4.5 | 3.4 | 1.7 | 1.1 | 0.6 |
| 82.5° | 9.5 | 7.8 | 6.7 | 5.6 | 5.0 | 3.9 | 2.8 | 1.7 | 1.1 | 0.6 | 0.6 |
| 85° | 5.0 | 4.5 | 3.9 | 2.8 | 2.8 | 2.2 | 1.7 | 1.1 | 0.6 | 0.0 | 0.0 |
| 87.5° | 2.8 | 2.2 | 1.7 | 1.1 | 1.1 | 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 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P684754

CATALOG NUMBER: LX6C10D010 EX6109040 6LCSWLI

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 585.4 | 585.4 | 585.4 | 585.4 | 585.4 | 585.4 | 585.4 | 585.4 | 585.4 | 585.4 | 585.4 |
| 2.5° | 588.7 | 588.7 | 588.2 | 594.9 | 587.1 | 594.9 | 591.0 | 594.9 | 589.3 | 588.7 | 589.3 |
| 5° | 593.2 | 594.9 | 595.5 | 601.6 | 594.3 | 603.8 | 600.5 | 603.8 | 599.9 | 601.0 | 602.7 |
| 7.5° | 602.2 | 605.0 | 604.4 | 612.2 | 605.0 | 615.6 | 613.4 | 618.4 | 614.5 | 615.6 | 617.8 |
| 10° | 612.2 | 615.6 | 616.1 | 624.0 | 617.3 | 630.1 | 627.3 | 632.9 | 629.6 | 631.3 | 634.1 |
| 12.5° | 624.0 | 627.9 | 628.5 | 637.4 | 630.1 | 643.6 | 641.9 | 647.5 | 644.7 | 646.4 | 649.7 |
| 15° | 632.9 | 638.5 | 639.7 | 648.6 | 640.8 | 654.8 | 653.7 | 660.9 | 656.5 | 659.2 | 662.0 |
| 17.5° | 637.4 | 642.5 | 644.7 | 653.1 | 646.4 | 660.4 | 659.2 | 665.4 | 662.0 | 664.8 | 668.2 |
| 20° | 634.6 | 640.8 | 642.5 | 650.9 | 644.1 | 658.1 | 656.5 | 662.6 | 659.2 | 661.5 | 664.8 |
| 22.5° | 624.5 | 630.7 | 632.9 | 640.8 | 634.6 | 647.5 | 646.9 | 652.5 | 648.1 | 650.9 | 653.7 |
| 25° | 606.6 | 613.4 | 614.5 | 621.7 | 615.0 | 628.5 | 627.3 | 633.5 | 630.1 | 631.8 | 635.7 |
| 27.5° | 580.9 | 588.7 | 590.4 | 596.6 | 591.5 | 602.7 | 602.7 | 607.8 | 603.8 | 603.8 | 607.8 |
| 30° | 550.1 | 557.9 | 559.1 | 564.1 | 559.6 | 569.7 | 570.3 | 575.3 | 569.1 | 572.5 | 573.1 |
| 32.5° | 512.6 | 517.7 | 521.0 | 525.5 | 518.8 | 531.7 | 530.0 | 533.9 | 530.5 | 530.5 | 533.3 |
| 35° | 467.3 | 473.5 | 475.1 | 480.7 | 475.1 | 485.2 | 485.2 | 487.4 | 484.1 | 484.1 | 488.6 |
| 37.5° | 418.1 | 422.5 | 423.1 | 428.7 | 424.2 | 432.6 | 432.0 | 433.7 | 430.4 | 432.6 | 432.6 |
| 40° | 360.4 | 363.8 | 364.9 | 367.7 | 367.1 | 373.3 | 372.7 | 373.8 | 372.2 | 372.7 | 373.8 |
| 42.5° | 293.3 | 297.7 | 300.0 | 302.2 | 298.9 | 307.2 | 305.6 | 307.2 | 306.7 | 307.2 | 308.9 |
| 45° | 216.0 | 219.4 | 221.0 | 221.6 | 220.5 | 225.5 | 229.4 | 226.1 | 226.6 | 225.5 | 227.8 |
| 47.5° | 156.1 | 156.7 | 155.6 | 158.9 | 156.1 | 158.4 | 159.5 | 160.0 | 156.7 | 156.1 | 158.4 |
| 50° | 106.9 | 109.7 | 105.8 | 107.4 | 106.9 | 109.1 | 108.0 | 108.6 | 105.2 | 106.9 | 105.8 |
| 52.5° | 71.1 | 70.5 | 69.4 | 70.0 | 68.8 | 68.8 | 68.8 | 70.0 | 67.7 | 66.6 | 65.5 |
| 55° | 43.1 | 42.0 | 39.7 | 39.2 | 39.2 | 39.7 | 38.6 | 37.5 | 37.5 | 36.9 | 36.9 |
| 57.5° | 25.2 | 23.5 | 22.4 | 21.8 | 20.7 | 20.2 | 19.6 | 19.6 | 18.5 | 18.5 | 18.5 |
| 60° | 14.0 | 12.3 | 11.2 | 10.1 | 10.1 | 9.5 | 9.0 | 8.4 | 8.4 | 8.4 | 7.8 |
| 62.5° | 7.3 | 6.2 | 5.0 | 4.5 | 4.5 | 3.9 | 3.4 | 3.4 | 3.4 | 3.4 | 2.8 |
| 65° | 5.0 | 3.9 | 3.4 | 2.8 | 2.8 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 67.5° | 3.9 | 3.4 | 2.8 | 2.2 | 2.2 | 2.2 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| 70° | 3.4 | 2.2 | 2.2 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| 72.5° | 2.2 | 2.2 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| 75° | 1.7 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 77.5° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P684754

CATALOG NUMBER: LX6C10D010 EX6109040 6LCSWLI

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 0° | 585.4 | 585.4 | 585.4 | 585.4 | 585.4 | 585.4 | 585.4 | 585.4 |
| 2.5° | 594.3 | 593.8 | 594.3 | 595.5 | 593.2 | 599.9 | 596.6 | 599.9 |
| 5° | 607.2 | 607.8 | 608.3 | 610.0 | 607.2 | 615.6 | 611.1 | 616.1 |
| 7.5° | 624.0 | 624.5 | 625.1 | 626.8 | 625.1 | 633.5 | 628.5 | 632.9 |
| 10° | 641.3 | 642.5 | 642.5 | 645.3 | 643.6 | 651.4 | 648.1 | 653.7 |
| 12.5° | 657.6 | 658.7 | 659.8 | 661.5 | 660.4 | 668.8 | 666.0 | 670.4 |
| 15° | 670.4 | 672.7 | 673.2 | 675.5 | 674.3 | 683.3 | 679.9 | 684.4 |
| 17.5° | 676.6 | 678.8 | 678.8 | 681.6 | 680.5 | 690.0 | 685.5 | 690.6 |
| 20° | 673.2 | 674.9 | 675.5 | 678.3 | 677.1 | 686.7 | 682.2 | 688.3 |
| 22.5° | 662.6 | 663.2 | 663.7 | 666.5 | 666.0 | 674.3 | 670.4 | 674.3 |
| 25° | 643.0 | 644.7 | 644.1 | 646.4 | 646.4 | 653.1 | 648.6 | 652.0 |
| 27.5° | 615.0 | 616.7 | 616.7 | 619.5 | 617.3 | 624.0 | 619.5 | 624.5 |
| 30° | 580.9 | 582.6 | 581.5 | 583.7 | 581.5 | 588.2 | 584.8 | 586.5 |
| 32.5° | 540.0 | 540.0 | 540.6 | 541.2 | 540.0 | 546.2 | 542.8 | 546.2 |
| 35° | 491.4 | 492.5 | 493.0 | 493.6 | 492.5 | 496.9 | 493.0 | 495.3 |
| 37.5° | 436.5 | 439.3 | 438.7 | 439.3 | 437.6 | 443.2 | 439.9 | 441.0 |
| 40° | 377.7 | 377.7 | 377.2 | 378.3 | 376.6 | 381.1 | 378.9 | 380.0 |
| 42.5° | 309.5 | 311.2 | 308.9 | 311.7 | 307.2 | 313.4 | 311.2 | 309.5 |
| 45° | 232.3 | 230.0 | 229.4 | 230.0 | 228.3 | 228.9 | 230.6 | 229.4 |
| 47.5° | 158.4 | 158.4 | 157.3 | 155.6 | 157.8 | 158.4 | 156.1 | 156.1 |
| 50° | 106.3 | 106.3 | 105.2 | 104.6 | 105.8 | 105.2 | 104.1 | 105.8 |
| 52.5° | 67.7 | 65.5 | 65.5 | 66.6 | 65.5 | 64.4 | 66.0 | 64.9 |
| 55° | 36.9 | 35.8 | 35.8 | 36.9 | 35.8 | 35.8 | 35.3 | 36.4 |
| 57.5° | 17.9 | 18.5 | 17.9 | 17.9 | 17.9 | 17.9 | 17.4 | 17.9 |
| 60° | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 |
| 62.5° | 3.4 | 3.4 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 |
| 65° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 67.5° | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 2.2 | 1.7 | 1.7 |
| 70° | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| 72.5° | 1.7 | 1.7 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 75° | 1.1 | 1.1 | 1.1 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180° - - 45°-225° - - - - 90°-270°













(END OF REPORT)