

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: P856885

Luminaire Tested: **LX4C10D010 EX4C109030 4LBLWW***

Issue Date: 2/9/2022



Test Information

Test Method: LM-79-08
Report Number: P856885
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2107-320-1)
Test Lab: INNOVATION CENTER
Issue Date: 2/9/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C10D010 EX4C109030 4LBLWW*
Description: 4 INCH 1000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 3000K, 90CRI LEDS
AND 4LRLWW TRIM WITH * FINISH, DIM TO WARM
Light Source: -
Ballast/Driver: -

Summary

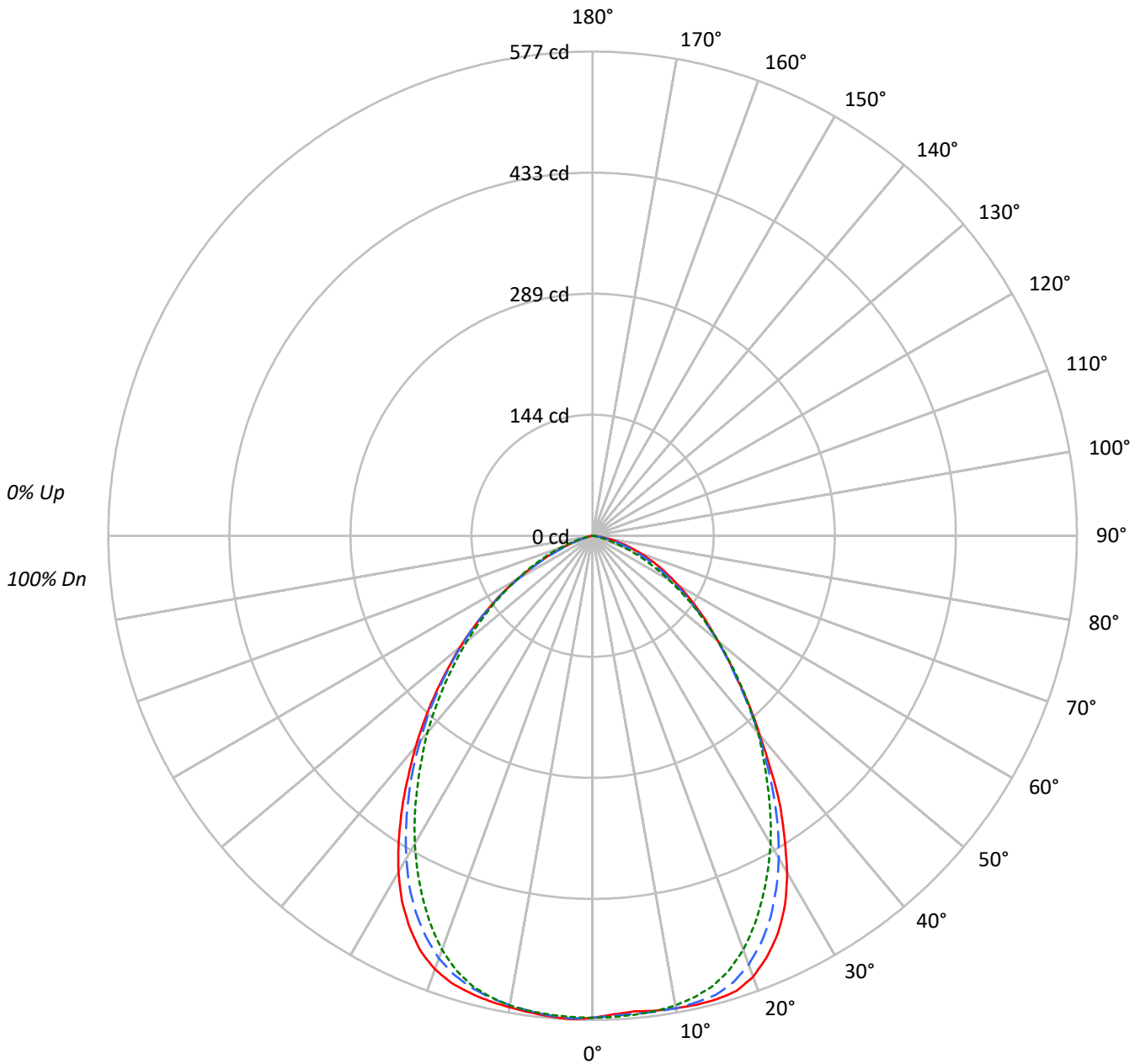
Lumens per Lamp: N/A
Luminaire Lumens: 1101.3 lumens
Efficiency: N/A
Efficacy: 64.8 lumens/watt
Spacing Criteria (0/90/45): 1.19 / 1.12 / 1.18
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 17
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: P856885

CATALOG NUMBER: LX4C10D010 EX4C109030 4LBLWW*

Luminous Intensity Polar Plot





TEST NUMBER: P856885

CATALOG NUMBER: LX4C10D010 EX4C109030 4LBLWW*

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 | 99 | 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 | 74 | 93 | 85 | 79 | 74 | 82 | 77 | 72 | 80 | 75 | 71 | 77 | 73 | 70 | 68 | | | | | | | | | | | | | | | | | | | |
| 4 | 88 | 78 | 71 | 65 | 86 | 77 | 70 | 65 | 75 | 69 | 64 | 72 | 67 | 63 | 70 | 66 | 62 | 60 | | | | | | | | | | | | | | | | | | | |
| 5 | 82 | 71 | 63 | 57 | 80 | 70 | 63 | 57 | 68 | 61 | 57 | 66 | 60 | 56 | 64 | 59 | 55 | 54 | | | | | | | | | | | | | | | | | | | |
| 6 | 76 | 65 | 57 | 51 | 75 | 64 | 56 | 51 | 62 | 56 | 51 | 61 | 55 | 50 | 59 | 54 | 50 | 48 | | | | | | | | | | | | | | | | | | | |
| 7 | 71 | 59 | 51 | 46 | 70 | 59 | 51 | 46 | 57 | 50 | 46 | 56 | 50 | 45 | 54 | 49 | 45 | 43 | | | | | | | | | | | | | | | | | | | |
| 8 | 67 | 55 | 47 | 42 | 65 | 54 | 47 | 42 | 53 | 46 | 41 | 52 | 46 | 41 | 50 | 45 | 41 | 39 | | | | | | | | | | | | | | | | | | | |
| 9 | 63 | 51 | 43 | 38 | 61 | 50 | 43 | 38 | 49 | 42 | 38 | 48 | 42 | 38 | 47 | 41 | 37 | 36 | | | | | | | | | | | | | | | | | | | |
| 10 | 59 | 47 | 40 | 35 | 58 | 46 | 39 | 35 | 45 | 39 | 35 | 45 | 39 | 35 | 44 | 38 | 34 | 33 | | | | | | | | | | | | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|-------|-------|-------|
| 0° | 70567 | 70567 | 70567 |
| 5° | 70171 | 70652 | 70923 |
| 10° | 71331 | 70907 | 71169 |
| 15° | 72726 | 70602 | 71759 |
| 20° | 73109 | 68624 | 71880 |
| 25° | 70840 | 64795 | 69878 |
| 30° | 65766 | 60134 | 65652 |
| 35° | 58251 | 54531 | 59331 |
| 40° | 49636 | 49139 | 52603 |
| 45° | 42671 | 43140 | 45833 |
| 50° | 37212 | 37327 | 39296 |
| 55° | 32878 | 31507 | 32557 |
| 60° | 28846 | 25726 | 25627 |
| 65° | 25523 | 19971 | 17762 |
| 70° | 21732 | 13686 | 10560 |
| 75° | 17563 | 7405 | 4842 |
| 80° | 12027 | 1839 | 1273 |
| 85° | 3665 | 564 | 564 |



TEST NUMBER: P856885

CATALOG NUMBER: LX4C10D010 EX4C109030 4LBLWW*

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 54.6 | 5.0 |
| 10°-20° | 158.0 | 14.4 |
| 20°-30° | 228.4 | 20.7 |
| 30°-40° | 236.1 | 21.4 |
| 40°-50° | 195.1 | 17.7 |
| 50°-60° | 134.6 | 12.2 |
| 60°-70° | 70.5 | 6.4 |
| 70°-80° | 22.2 | 2.0 |
| 80°-90° | 1.9 | 0.2 |
| 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° | 441.0 | 40.0 |
| 0°-40° | 677.1 | 61.5 |
| 0°-60° | 1006.8 | 91.4 |
| 0°-90° | 1101.3 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1101.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|-----|-----|-----|------|------|------|
| 0° | 574 | 574 | 574 | 574 | 574 | |
| 5° | 569 | 572 | 573 | 574 | 575 | 54 |
| 15° | 572 | 566 | 555 | 558 | 564 | 161 |
| 25° | 523 | 502 | 478 | 497 | 516 | 239 |
| 35° | 388 | 375 | 364 | 383 | 396 | 241 |
| 45° | 246 | 244 | 248 | 260 | 264 | 191 |
| 55° | 154 | 149 | 147 | 151 | 152 | 138 |
| 65° | 88 | 80 | 69 | 57 | 61 | 87 |
| 75° | 37 | 29 | 16 | 11 | 10 | 40 |
| 85° | 3 | 1 | 0 | 0 | 0 | 5 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P856885

CATALOG NUMBER: LX4C10D010 EX4C109030 4LBLWW*

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 574.4 | 574.4 | 574.4 | 574.4 | 574.4 | 574.4 | 574.4 | 574.4 | 574.4 | 574.4 | 574.4 |
| 2.5° | 570.9 | 571.0 | 571.0 | 571.4 | 571.4 | 571.4 | 571.7 | 571.7 | 571.8 | 572.1 | 572.4 |
| 5° | 569.0 | 569.0 | 569.4 | 569.7 | 570.1 | 570.3 | 570.9 | 571.0 | 571.4 | 571.7 | 571.8 |
| 7.5° | 570.9 | 570.9 | 571.0 | 571.3 | 571.3 | 571.4 | 571.4 | 571.7 | 571.8 | 572.1 | 572.1 |
| 10° | 571.8 | 571.8 | 571.8 | 571.8 | 572.1 | 572.1 | 572.1 | 571.8 | 571.8 | 571.8 | 571.7 |
| 12.5° | 572.4 | 572.4 | 572.1 | 571.8 | 572.1 | 571.8 | 571.8 | 571.3 | 570.9 | 570.3 | 569.7 |
| 15° | 571.8 | 571.8 | 571.7 | 571.4 | 571.3 | 570.9 | 570.5 | 569.4 | 568.6 | 567.3 | 566.5 |
| 17.5° | 569.0 | 568.6 | 568.2 | 567.8 | 566.9 | 566.3 | 565.8 | 563.8 | 562.3 | 560.3 | 557.8 |
| 20° | 559.2 | 558.7 | 558.0 | 557.0 | 555.9 | 555.1 | 553.7 | 550.9 | 549.4 | 546.1 | 543.8 |
| 22.5° | 543.0 | 542.6 | 542.7 | 540.7 | 538.6 | 537.4 | 536.5 | 534.0 | 531.6 | 527.4 | 524.9 |
| 25° | 522.6 | 521.4 | 521.4 | 518.4 | 517.2 | 516.4 | 515.4 | 512.5 | 508.6 | 504.9 | 501.5 |
| 27.5° | 496.4 | 494.7 | 493.9 | 493.4 | 490.8 | 488.9 | 487.3 | 485.2 | 481.8 | 478.7 | 473.9 |
| 30° | 463.6 | 463.3 | 462.2 | 460.3 | 458.4 | 457.5 | 455.8 | 452.2 | 449.2 | 446.8 | 443.7 |
| 32.5° | 425.0 | 424.8 | 424.8 | 424.8 | 423.5 | 423.3 | 420.6 | 418.7 | 416.3 | 412.7 | 410.7 |
| 35° | 388.4 | 388.1 | 388.4 | 385.0 | 384.2 | 383.6 | 383.3 | 382.1 | 378.7 | 377.1 | 375.3 |
| 37.5° | 346.9 | 347.6 | 347.2 | 346.2 | 347.3 | 345.3 | 346.9 | 344.1 | 342.8 | 342.4 | 340.5 |
| 40° | 309.5 | 311.3 | 309.5 | 309.8 | 310.9 | 308.8 | 308.8 | 308.4 | 307.6 | 307.2 | 306.8 |
| 42.5° | 277.7 | 275.5 | 276.7 | 275.8 | 276.7 | 276.2 | 275.1 | 275.8 | 275.9 | 275.1 | 274.7 |
| 45° | 245.6 | 246.0 | 246.4 | 245.7 | 245.7 | 245.1 | 246.8 | 245.7 | 245.7 | 246.0 | 244.4 |
| 47.5° | 219.4 | 218.8 | 219.2 | 218.8 | 218.9 | 218.5 | 218.9 | 219.2 | 218.8 | 218.8 | 217.4 |
| 50° | 194.7 | 194.3 | 195.8 | 194.6 | 194.6 | 194.3 | 194.6 | 194.2 | 193.5 | 193.5 | 193.9 |
| 52.5° | 173.4 | 172.6 | 172.3 | 173.4 | 171.9 | 171.9 | 172.2 | 171.7 | 170.8 | 170.4 | 169.4 |
| 55° | 153.5 | 153.4 | 153.5 | 152.7 | 152.3 | 152.3 | 151.2 | 150.7 | 150.5 | 149.5 | 148.8 |
| 57.5° | 135.0 | 134.5 | 134.6 | 134.5 | 133.5 | 133.4 | 132.5 | 132.5 | 131.5 | 130.7 | 129.6 |
| 60° | 117.4 | 117.4 | 118.0 | 117.2 | 116.5 | 116.1 | 115.7 | 115.2 | 113.7 | 112.2 | 110.8 |
| 62.5° | 101.6 | 101.7 | 101.6 | 100.9 | 100.5 | 100.1 | 99.7 | 98.4 | 97.0 | 96.2 | 94.8 |
| 65° | 87.8 | 87.6 | 87.0 | 86.6 | 85.4 | 85.4 | 84.6 | 83.9 | 82.4 | 81.2 | 79.6 |
| 67.5° | 73.6 | 73.2 | 73.2 | 73.2 | 71.8 | 71.7 | 71.1 | 69.9 | 68.7 | 66.8 | 65.6 |
| 70° | 60.5 | 61.1 | 60.4 | 59.7 | 59.0 | 58.9 | 58.2 | 57.0 | 55.4 | 53.7 | 52.6 |
| 72.5° | 48.3 | 48.7 | 48.0 | 47.9 | 46.6 | 46.2 | 46.0 | 44.9 | 43.1 | 42.0 | 40.4 |
| 75° | 37.0 | 37.3 | 36.9 | 36.4 | 35.6 | 35.4 | 34.4 | 33.4 | 32.4 | 30.6 | 29.1 |
| 77.5° | 26.8 | 26.3 | 26.3 | 25.4 | 24.6 | 24.6 | 24.4 | 23.1 | 21.6 | 20.3 | 18.9 |
| 80° | 17.0 | 16.9 | 16.2 | 15.8 | 15.1 | 14.9 | 14.6 | 13.6 | 12.5 | 11.7 | 10.9 |
| 82.5° | 8.6 | 8.3 | 8.2 | 7.9 | 7.5 | 7.1 | 7.3 | 6.4 | 6.0 | 5.2 | 4.6 |
| 85° | 2.6 | 2.7 | 2.7 | 2.6 | 2.3 | 2.3 | 2.3 | 2.2 | 1.8 | 1.5 | 1.2 |
| 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: P856885

CATALOG NUMBER: LX4C10D010 EX4C109030 4LBLWW*

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 574.4 | 574.4 | 574.4 | 574.4 | 574.4 | 574.4 | 574.4 | 574.4 | 574.4 | 574.4 | 574.4 |
| 2.5° | 572.5 | 572.8 | 572.9 | 573.2 | 573.2 | 573.3 | 573.6 | 573.9 | 574.0 | 574.0 | 574.3 |
| 5° | 572.1 | 572.5 | 572.5 | 572.8 | 572.8 | 572.8 | 572.9 | 572.9 | 572.9 | 572.9 | 573.2 |
| 7.5° | 572.4 | 572.4 | 572.4 | 572.1 | 572.1 | 571.8 | 571.8 | 571.8 | 571.4 | 571.4 | 571.4 |
| 10° | 571.3 | 571.0 | 570.9 | 570.3 | 570.1 | 569.8 | 569.4 | 569.0 | 568.6 | 568.4 | 568.0 |
| 12.5° | 569.0 | 568.2 | 567.3 | 566.5 | 566.1 | 565.8 | 565.0 | 564.2 | 563.7 | 563.0 | 562.6 |
| 15° | 564.9 | 563.4 | 561.9 | 560.3 | 559.8 | 559.4 | 557.8 | 556.6 | 555.7 | 555.1 | 554.0 |
| 17.5° | 556.2 | 553.6 | 551.7 | 549.2 | 548.2 | 547.7 | 545.3 | 544.1 | 542.6 | 542.2 | 541.2 |
| 20° | 540.7 | 538.4 | 535.1 | 532.8 | 531.6 | 530.2 | 528.2 | 526.5 | 524.9 | 524.9 | 523.8 |
| 22.5° | 521.5 | 518.6 | 514.5 | 511.5 | 511.2 | 508.6 | 507.0 | 504.9 | 504.4 | 503.0 | 503.0 |
| 25° | 497.4 | 494.9 | 490.4 | 487.7 | 486.4 | 485.8 | 483.0 | 480.3 | 479.1 | 478.0 | 478.8 |
| 27.5° | 470.8 | 466.8 | 463.3 | 460.2 | 459.1 | 457.7 | 455.2 | 454.1 | 451.6 | 451.5 | 451.2 |
| 30° | 440.1 | 436.2 | 432.7 | 431.2 | 429.0 | 428.0 | 426.0 | 424.8 | 423.9 | 423.9 | 423.5 |
| 32.5° | 408.0 | 404.4 | 402.8 | 399.5 | 398.3 | 396.9 | 395.6 | 394.4 | 394.8 | 394.4 | 394.6 |
| 35° | 373.2 | 372.3 | 369.1 | 367.2 | 367.2 | 366.9 | 364.8 | 364.0 | 363.4 | 363.6 | 364.8 |
| 37.5° | 340.2 | 337.5 | 335.5 | 334.2 | 335.2 | 333.9 | 333.6 | 333.6 | 335.1 | 334.2 | 335.9 |
| 40° | 305.0 | 304.9 | 303.9 | 304.3 | 304.5 | 303.0 | 303.5 | 303.7 | 304.5 | 306.4 | 306.5 |
| 42.5° | 274.3 | 274.2 | 274.2 | 274.2 | 273.7 | 272.8 | 273.7 | 275.2 | 275.1 | 276.3 | 277.4 |
| 45° | 244.8 | 244.4 | 245.2 | 244.5 | 246.0 | 246.4 | 245.7 | 246.1 | 247.5 | 248.3 | 250.0 |
| 47.5° | 217.9 | 217.9 | 218.1 | 218.5 | 217.3 | 218.3 | 218.8 | 219.6 | 220.2 | 220.6 | 221.5 |
| 50° | 192.8 | 192.8 | 192.4 | 192.4 | 192.4 | 193.1 | 192.3 | 193.2 | 193.5 | 195.3 | 196.2 |
| 52.5° | 169.8 | 168.7 | 169.4 | 168.9 | 168.0 | 167.6 | 168.0 | 168.2 | 169.6 | 170.0 | 171.2 |
| 55° | 147.8 | 147.8 | 146.0 | 145.6 | 146.3 | 146.0 | 145.9 | 145.9 | 146.5 | 147.1 | 148.2 |
| 57.5° | 128.4 | 127.0 | 125.8 | 125.5 | 124.9 | 125.1 | 125.1 | 124.9 | 124.4 | 124.7 | 124.9 |
| 60° | 110.0 | 109.1 | 107.2 | 107.2 | 107.0 | 106.8 | 105.8 | 105.5 | 104.4 | 104.7 | 103.9 |
| 62.5° | 93.3 | 92.7 | 90.2 | 89.3 | 89.3 | 88.7 | 87.6 | 87.4 | 85.9 | 85.9 | 85.0 |
| 65° | 78.1 | 76.8 | 75.3 | 73.7 | 73.7 | 72.9 | 72.2 | 70.3 | 69.2 | 68.7 | 67.3 |
| 67.5° | 64.3 | 62.4 | 60.8 | 59.6 | 58.6 | 58.5 | 57.0 | 55.6 | 54.0 | 52.9 | 51.0 |
| 70° | 51.0 | 49.4 | 47.9 | 46.6 | 45.8 | 44.9 | 43.4 | 41.5 | 40.1 | 38.1 | 36.9 |
| 72.5° | 38.5 | 37.0 | 35.8 | 34.1 | 33.0 | 32.4 | 30.9 | 29.1 | 27.0 | 25.6 | 23.9 |
| 75° | 27.6 | 26.0 | 24.4 | 22.9 | 22.3 | 21.6 | 19.9 | 18.5 | 17.0 | 15.6 | 13.8 |
| 77.5° | 17.9 | 16.2 | 14.9 | 13.2 | 12.9 | 12.5 | 10.9 | 9.5 | 8.3 | 7.5 | 6.4 |
| 80° | 9.5 | 8.6 | 7.5 | 6.4 | 6.0 | 5.4 | 4.6 | 3.9 | 3.3 | 2.6 | 2.2 |
| 82.5° | 4.2 | 3.5 | 2.7 | 2.3 | 2.2 | 1.9 | 1.5 | 1.2 | 1.1 | 1.1 | 0.8 |
| 85° | 1.1 | 0.8 | 0.8 | 0.7 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 0.3 | 0.0 | 0.3 | 0.3 | 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: P856885

CATALOG NUMBER: LX4C10D010 EX4C109030 4LBLWW*

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 574.4 | 574.4 | 574.4 | 574.4 | 574.4 | 574.4 | 574.4 | 574.4 | 574.4 | 574.4 | 574.4 |
| 2.5° | 574.4 | 574.7 | 574.8 | 574.8 | 575.1 | 575.4 | 575.4 | 575.5 | 575.8 | 575.9 | 575.9 |
| 5° | 573.3 | 573.3 | 573.3 | 573.6 | 573.6 | 573.6 | 573.6 | 574.0 | 574.0 | 574.3 | 574.4 |
| 7.5° | 571.3 | 571.3 | 571.3 | 571.3 | 571.0 | 571.3 | 571.0 | 571.0 | 571.4 | 571.7 | 571.8 |
| 10° | 567.8 | 567.6 | 567.6 | 567.3 | 567.3 | 567.3 | 567.6 | 567.8 | 568.0 | 568.2 | 568.8 |
| 12.5° | 562.3 | 562.2 | 562.2 | 561.9 | 561.9 | 562.2 | 562.3 | 562.7 | 563.7 | 564.1 | 565.0 |
| 15° | 553.7 | 553.6 | 553.7 | 554.0 | 554.4 | 555.1 | 555.7 | 556.3 | 557.6 | 558.7 | 559.8 |
| 17.5° | 541.2 | 541.5 | 541.6 | 542.2 | 542.7 | 543.7 | 545.3 | 547.1 | 548.6 | 550.2 | 552.0 |
| 20° | 524.1 | 524.9 | 525.0 | 526.5 | 527.0 | 528.9 | 530.9 | 533.5 | 535.9 | 538.0 | 540.3 |
| 22.5° | 503.3 | 503.9 | 504.8 | 506.5 | 507.6 | 510.1 | 512.5 | 515.5 | 518.2 | 521.0 | 524.5 |
| 25° | 479.8 | 479.9 | 482.6 | 482.6 | 485.2 | 487.3 | 490.1 | 493.4 | 497.2 | 501.0 | 503.3 |
| 27.5° | 453.1 | 454.1 | 456.0 | 456.8 | 458.8 | 462.2 | 464.7 | 468.5 | 472.4 | 475.6 | 478.3 |
| 30° | 425.0 | 425.8 | 429.0 | 429.6 | 431.1 | 434.0 | 437.2 | 441.0 | 444.0 | 447.7 | 450.0 |
| 32.5° | 395.4 | 397.8 | 399.8 | 401.3 | 401.7 | 406.2 | 408.0 | 410.4 | 413.9 | 417.6 | 419.9 |
| 35° | 366.7 | 367.7 | 370.7 | 371.5 | 372.7 | 375.3 | 378.7 | 380.9 | 382.7 | 385.0 | 387.8 |
| 37.5° | 336.3 | 339.6 | 340.2 | 342.8 | 343.2 | 345.6 | 347.3 | 349.9 | 352.1 | 354.2 | 354.7 |
| 40° | 308.0 | 309.1 | 311.5 | 312.2 | 312.6 | 315.8 | 317.9 | 318.6 | 319.7 | 321.6 | 324.2 |
| 42.5° | 279.3 | 280.4 | 283.0 | 282.4 | 284.3 | 285.7 | 286.9 | 289.5 | 290.6 | 291.2 | 291.2 |
| 45° | 251.0 | 251.6 | 253.2 | 254.1 | 255.1 | 256.1 | 258.1 | 259.3 | 259.7 | 261.6 | 262.2 |
| 47.5° | 224.1 | 224.5 | 225.9 | 227.4 | 227.0 | 228.0 | 230.2 | 230.8 | 231.0 | 232.3 | 233.0 |
| 50° | 197.6 | 198.7 | 200.4 | 200.0 | 201.3 | 201.9 | 203.7 | 204.4 | 204.4 | 204.5 | 204.8 |
| 52.5° | 172.7 | 173.7 | 174.1 | 174.6 | 175.3 | 176.2 | 177.2 | 176.7 | 177.6 | 178.4 | 177.7 |
| 55° | 148.2 | 148.8 | 149.9 | 150.3 | 150.3 | 150.5 | 150.1 | 152.0 | 151.2 | 151.1 | 151.2 |
| 57.5° | 125.8 | 124.9 | 124.7 | 125.8 | 126.2 | 125.9 | 125.4 | 126.2 | 126.2 | 125.8 | 125.1 |
| 60° | 104.0 | 103.2 | 103.1 | 103.2 | 102.4 | 101.7 | 102.3 | 101.7 | 100.8 | 100.3 | 100.5 |
| 62.5° | 84.2 | 83.5 | 81.7 | 81.7 | 81.3 | 81.2 | 79.3 | 79.6 | 78.7 | 77.4 | 77.8 |
| 65° | 65.8 | 64.1 | 63.2 | 63.1 | 61.5 | 60.1 | 59.7 | 58.2 | 57.0 | 56.8 | 57.0 |
| 67.5° | 49.4 | 47.5 | 46.0 | 45.4 | 44.5 | 43.4 | 41.9 | 40.5 | 40.9 | 40.8 | 41.6 |
| 70° | 34.4 | 33.0 | 31.4 | 30.3 | 30.9 | 29.5 | 28.7 | 28.7 | 28.9 | 29.1 | 29.5 |
| 72.5° | 22.9 | 21.2 | 20.4 | 19.9 | 19.3 | 18.5 | 18.9 | 18.9 | 18.8 | 18.9 | 18.5 |
| 75° | 12.9 | 12.1 | 11.4 | 11.3 | 10.9 | 10.9 | 10.9 | 10.9 | 10.6 | 10.3 | 10.3 |
| 77.5° | 5.8 | 5.4 | 5.2 | 5.0 | 5.0 | 5.0 | 4.8 | 4.6 | 4.6 | 4.6 | 4.3 |
| 80° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 82.5° | 0.8 | 0.8 | 1.1 | 1.1 | 1.1 | 0.8 | 1.1 | 1.1 | 0.8 | 0.8 | 1.1 |
| 85° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 87.5° | 0.3 | 0.3 | 0.3 | 0.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.0 | 0.3 | 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: P856885

CATALOG NUMBER: LX4C10D010 EX4C109030 4LBLWW*

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 0° | 574.4 | 574.4 | 574.4 | 574.4 | 574.4 | 574.4 | 574.4 | 574.4 |
| 2.5° | 576.2 | 576.3 | 576.3 | 576.3 | 576.7 | 576.7 | 576.7 | 576.7 |
| 5° | 574.7 | 574.8 | 574.8 | 574.8 | 575.1 | 575.1 | 575.1 | 575.1 |
| 7.5° | 572.1 | 572.4 | 572.4 | 572.5 | 572.5 | 572.8 | 572.8 | 572.9 |
| 10° | 569.0 | 569.4 | 569.7 | 569.8 | 570.1 | 570.3 | 570.3 | 570.5 |
| 12.5° | 565.8 | 566.3 | 566.5 | 566.9 | 567.3 | 567.6 | 567.8 | 568.0 |
| 15° | 561.1 | 561.9 | 562.3 | 562.6 | 563.4 | 563.8 | 564.1 | 564.2 |
| 17.5° | 553.6 | 555.2 | 555.9 | 556.3 | 557.2 | 558.0 | 558.7 | 558.8 |
| 20° | 542.7 | 544.6 | 545.6 | 546.6 | 548.0 | 549.0 | 549.4 | 549.8 |
| 22.5° | 527.6 | 529.8 | 531.0 | 532.4 | 533.5 | 534.6 | 536.3 | 535.6 |
| 25° | 506.1 | 509.7 | 511.2 | 512.0 | 514.3 | 515.5 | 516.4 | 515.5 |
| 27.5° | 481.8 | 484.1 | 485.3 | 486.8 | 488.6 | 489.8 | 490.4 | 491.6 |
| 30° | 452.8 | 456.4 | 456.2 | 457.7 | 459.9 | 461.3 | 461.7 | 462.8 |
| 32.5° | 422.5 | 424.4 | 425.6 | 425.4 | 426.2 | 428.5 | 427.7 | 429.7 |
| 35° | 390.4 | 390.7 | 392.8 | 392.6 | 394.4 | 394.4 | 394.4 | 395.6 |
| 37.5° | 356.2 | 358.7 | 357.5 | 360.2 | 359.4 | 360.1 | 360.1 | 360.5 |
| 40° | 324.9 | 325.7 | 325.7 | 326.5 | 327.2 | 326.5 | 326.9 | 328.0 |
| 42.5° | 292.5 | 293.4 | 293.6 | 293.2 | 293.9 | 295.8 | 294.3 | 295.5 |
| 45° | 262.2 | 262.9 | 263.8 | 263.1 | 264.2 | 263.7 | 264.2 | 263.8 |
| 47.5° | 233.9 | 233.5 | 233.4 | 235.1 | 233.5 | 233.9 | 234.7 | 233.1 |
| 50° | 204.8 | 206.0 | 205.2 | 205.9 | 206.3 | 206.3 | 205.6 | 205.6 |
| 52.5° | 178.8 | 178.6 | 178.0 | 178.6 | 178.2 | 178.4 | 178.8 | 178.4 |
| 55° | 152.0 | 153.0 | 152.6 | 152.3 | 152.6 | 152.6 | 153.8 | 152.0 |
| 57.5° | 125.8 | 125.4 | 125.9 | 127.5 | 125.9 | 127.0 | 127.8 | 128.0 |
| 60° | 100.8 | 100.8 | 102.0 | 101.3 | 102.7 | 103.9 | 104.7 | 104.3 |
| 62.5° | 76.8 | 77.8 | 78.3 | 78.5 | 79.7 | 80.8 | 80.8 | 80.5 |
| 65° | 57.0 | 58.5 | 58.5 | 59.3 | 59.7 | 59.7 | 60.1 | 61.1 |
| 67.5° | 42.0 | 42.0 | 42.3 | 42.7 | 42.4 | 42.4 | 43.0 | 43.1 |
| 70° | 29.4 | 28.9 | 29.5 | 29.4 | 29.4 | 29.1 | 29.4 | 29.4 |
| 72.5° | 18.5 | 18.5 | 18.8 | 18.5 | 18.1 | 18.4 | 18.4 | 18.8 |
| 75° | 9.9 | 10.3 | 9.9 | 9.9 | 10.2 | 9.8 | 9.9 | 10.2 |
| 77.5° | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 3.9 | 3.9 | 3.9 |
| 80° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.8 | 1.8 |
| 82.5° | 0.8 | 1.1 | 0.8 | 1.1 | 0.8 | 0.8 | 0.8 | 0.8 |
| 85° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 87.5° | 0.0 | 0.3 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.3 |
| 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)