

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: P857435

Luminaire Tested: **LX4C25D010 EX4C259730 4LBLWW***

Issue Date: 2/9/2022



Test Information

Test Method: LM-79-08
Report Number: P857435
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: LX4C25D010 EX4C259730 4LBLWW*
Description: 4 INCH 2500 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 3000K, 97CRI LEDS
AND 4LRLWW TRIM WITH * FINISH
Light Source: -
Ballast/Driver: -

Summary

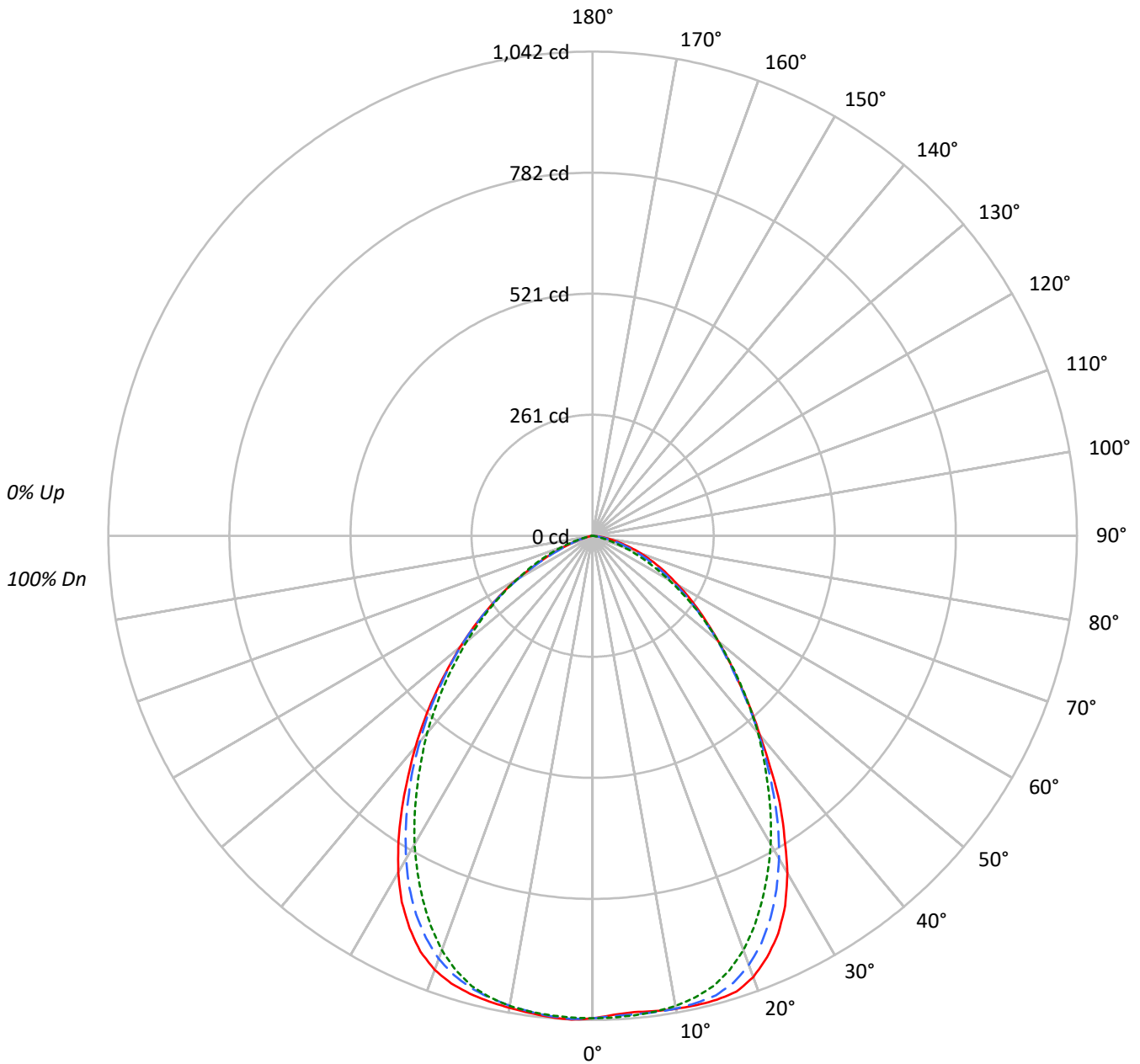
Lumens per Lamp: N/A
Luminaire Lumens: 1991.0 lumens
Efficiency: N/A
Efficacy: 63.2 lumens/watt
Spacing Criteria (0/90/45): 1.19 / 1.12 / 1.18
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 31.5
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: P857435

CATALOG NUMBER: LX4C25D010 EX4C259730 4LBLWW*

Luminous Intensity Polar Plot





TEST NUMBER: P857435

CATALOG NUMBER: LX4C25D010 EX4C259730 4LBLWW*

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 | | | | | | | | |
| 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° | 127583 | 127583 | 127583 |
| 5° | 126874 | 127738 | 128219 |
| 10° | 128965 | 128192 | 128678 |
| 15° | 131486 | 127620 | 129756 |
| 20° | 132150 | 124044 | 129954 |
| 25° | 128085 | 117146 | 126336 |
| 30° | 118892 | 108707 | 118665 |
| 35° | 105283 | 98609 | 107263 |
| 40° | 89745 | 88815 | 95134 |
| 45° | 77106 | 77992 | 82857 |
| 50° | 67295 | 67448 | 71022 |
| 55° | 59480 | 56974 | 58880 |
| 60° | 52114 | 46463 | 46291 |
| 65° | 46133 | 36046 | 32093 |
| 70° | 39368 | 24785 | 19038 |
| 75° | 31850 | 13338 | 8686 |
| 80° | 21791 | 3325 | 2193 |
| 85° | 6625 | 1128 | 1128 |



TEST NUMBER: P857435

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 98.7 | 5.0 |
| 10°-20° | 285.7 | 14.4 |
| 20°-30° | 412.8 | 20.7 |
| 30°-40° | 426.8 | 21.4 |
| 40°-50° | 352.6 | 17.7 |
| 50°-60° | 243.4 | 12.2 |
| 60°-70° | 127.4 | 6.4 |
| 70°-80° | 40.1 | 2.0 |
| 80°-90° | 3.4 | 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° | 797.3 | 40.0 |
| 0°-40° | 1224.1 | 61.5 |
| 0°-60° | 1820.1 | 91.4 |
| 0°-90° | 1991.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1991.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1038 | 1038 | 1038 | 1038 | 1038 | |
| 5° | 1029 | 1034 | 1036 | 1038 | 1040 | 98 |
| 15° | 1034 | 1024 | 1003 | 1008 | 1020 | 292 |
| 25° | 945 | 907 | 864 | 899 | 932 | 431 |
| 35° | 702 | 679 | 658 | 692 | 715 | 436 |
| 45° | 444 | 442 | 449 | 470 | 477 | 346 |
| 55° | 278 | 269 | 266 | 273 | 275 | 249 |
| 65° | 159 | 144 | 124 | 103 | 110 | 157 |
| 75° | 67 | 53 | 28 | 19 | 18 | 72 |
| 85° | 5 | 2 | 1 | 1 | 1 | 10 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P857435

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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1038.5 | 1038.5 | 1038.5 | 1038.5 | 1038.5 | 1038.5 | 1038.5 | 1038.5 | 1038.5 | 1038.5 | 1038.5 |
| 2.5° | 1031.9 | 1032.3 | 1032.3 | 1033.0 | 1033.0 | 1033.0 | 1033.4 | 1033.4 | 1033.8 | 1034.2 | 1034.6 |
| 5° | 1028.8 | 1028.8 | 1029.5 | 1029.9 | 1030.7 | 1031.1 | 1031.9 | 1032.3 | 1033.0 | 1033.4 | 1033.8 |
| 7.5° | 1031.9 | 1031.9 | 1032.3 | 1032.7 | 1032.7 | 1033.0 | 1033.0 | 1033.4 | 1033.8 | 1034.2 | 1034.2 |
| 10° | 1033.8 | 1033.8 | 1033.8 | 1033.8 | 1034.2 | 1034.2 | 1034.2 | 1033.8 | 1033.8 | 1033.8 | 1033.4 |
| 12.5° | 1034.6 | 1034.6 | 1034.2 | 1033.8 | 1034.2 | 1033.8 | 1033.8 | 1032.7 | 1031.9 | 1031.1 | 1029.9 |
| 15° | 1033.8 | 1033.8 | 1033.4 | 1033.0 | 1032.7 | 1031.9 | 1031.5 | 1029.5 | 1028.0 | 1025.6 | 1024.1 |
| 17.5° | 1028.8 | 1028.0 | 1027.2 | 1026.4 | 1024.9 | 1023.7 | 1022.9 | 1019.4 | 1016.7 | 1012.8 | 1008.5 |
| 20° | 1010.8 | 1010.0 | 1008.9 | 1006.9 | 1005.0 | 1003.4 | 1001.1 | 996.0 | 993.3 | 987.4 | 983.1 |
| 22.5° | 981.6 | 980.8 | 981.2 | 977.7 | 973.8 | 971.4 | 969.9 | 965.6 | 960.9 | 953.5 | 948.8 |
| 25° | 944.9 | 942.6 | 942.6 | 937.1 | 935.2 | 933.6 | 931.6 | 926.6 | 919.6 | 912.9 | 906.7 |
| 27.5° | 897.3 | 894.2 | 892.7 | 891.9 | 887.2 | 883.7 | 881.0 | 877.1 | 871.2 | 865.4 | 856.8 |
| 30° | 838.1 | 837.7 | 835.7 | 832.2 | 828.7 | 827.1 | 824.0 | 817.4 | 811.9 | 807.6 | 802.2 |
| 32.5° | 768.3 | 767.9 | 767.9 | 767.9 | 765.5 | 765.1 | 760.5 | 756.9 | 752.7 | 746.0 | 742.5 |
| 35° | 702.0 | 701.6 | 702.0 | 696.1 | 694.5 | 693.4 | 693.0 | 690.6 | 684.8 | 681.7 | 678.6 |
| 37.5° | 627.1 | 628.2 | 627.5 | 625.9 | 627.9 | 624.3 | 627.1 | 622.0 | 619.7 | 618.9 | 615.4 |
| 40° | 559.6 | 562.7 | 559.6 | 560.0 | 562.0 | 558.4 | 558.4 | 557.7 | 556.1 | 555.3 | 554.5 |
| 42.5° | 501.9 | 498.0 | 500.3 | 498.4 | 500.3 | 499.2 | 497.2 | 498.4 | 498.8 | 497.2 | 496.8 |
| 45° | 443.8 | 444.6 | 445.4 | 444.2 | 444.2 | 443.0 | 446.1 | 444.2 | 444.2 | 444.6 | 441.8 |
| 47.5° | 396.6 | 395.4 | 396.2 | 395.4 | 395.8 | 395.0 | 395.8 | 396.2 | 395.4 | 395.4 | 393.1 |
| 50° | 352.1 | 351.4 | 354.1 | 351.8 | 351.8 | 351.4 | 351.8 | 351.0 | 349.8 | 349.8 | 350.6 |
| 52.5° | 313.5 | 312.0 | 311.6 | 313.5 | 310.8 | 310.8 | 311.2 | 310.4 | 308.9 | 308.1 | 306.1 |
| 55° | 277.7 | 277.3 | 277.7 | 276.1 | 275.3 | 275.3 | 273.4 | 272.6 | 272.2 | 270.3 | 269.1 |
| 57.5° | 244.1 | 243.0 | 243.3 | 243.0 | 241.4 | 241.0 | 239.4 | 239.4 | 237.9 | 236.3 | 234.4 |
| 60° | 212.1 | 212.1 | 213.3 | 211.8 | 210.6 | 209.8 | 209.0 | 208.2 | 205.5 | 202.8 | 200.4 |
| 62.5° | 183.7 | 184.1 | 183.7 | 182.5 | 181.7 | 180.9 | 180.2 | 177.8 | 175.5 | 173.9 | 171.2 |
| 65° | 158.7 | 158.3 | 157.2 | 156.4 | 154.4 | 154.4 | 152.9 | 151.7 | 149.0 | 146.6 | 143.9 |
| 67.5° | 133.0 | 132.2 | 132.2 | 132.2 | 129.9 | 129.5 | 128.7 | 126.4 | 124.0 | 120.9 | 118.6 |
| 70° | 109.6 | 110.4 | 109.2 | 108.0 | 106.9 | 106.5 | 105.3 | 103.0 | 100.2 | 97.1 | 95.2 |
| 72.5° | 87.4 | 88.1 | 87.0 | 86.6 | 84.2 | 83.5 | 83.1 | 81.1 | 78.0 | 76.0 | 72.9 |
| 75° | 67.1 | 67.5 | 66.7 | 65.9 | 64.3 | 64.0 | 62.0 | 60.4 | 58.5 | 55.4 | 52.6 |
| 77.5° | 48.4 | 47.6 | 47.6 | 46.0 | 44.5 | 44.5 | 44.1 | 41.7 | 39.0 | 36.7 | 34.3 |
| 80° | 30.8 | 30.4 | 29.2 | 28.5 | 27.3 | 26.9 | 26.5 | 24.6 | 22.6 | 21.1 | 19.5 |
| 82.5° | 15.6 | 15.2 | 14.8 | 14.4 | 13.6 | 12.9 | 13.3 | 11.7 | 10.9 | 9.4 | 8.2 |
| 85° | 4.7 | 5.1 | 5.1 | 4.7 | 4.3 | 4.3 | 4.3 | 3.9 | 3.1 | 2.7 | 2.3 |
| 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: P857435

CATALOG NUMBER: LX4C25D010 EX4C259730 4LBLWW*

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1038.5 | 1038.5 | 1038.5 | 1038.5 | 1038.5 | 1038.5 | 1038.5 | 1038.5 | 1038.5 | 1038.5 | 1038.5 |
| 2.5° | 1035.0 | 1035.4 | 1035.8 | 1036.2 | 1036.2 | 1036.6 | 1036.9 | 1037.3 | 1037.7 | 1037.7 | 1038.1 |
| 5° | 1034.2 | 1035.0 | 1035.0 | 1035.4 | 1035.4 | 1035.4 | 1035.8 | 1035.8 | 1035.8 | 1035.8 | 1036.2 |
| 7.5° | 1034.6 | 1034.6 | 1034.6 | 1034.2 | 1034.2 | 1033.8 | 1033.8 | 1033.8 | 1033.0 | 1033.0 | 1033.0 |
| 10° | 1032.7 | 1032.3 | 1031.9 | 1031.1 | 1030.7 | 1030.3 | 1029.5 | 1028.8 | 1028.0 | 1027.6 | 1026.8 |
| 12.5° | 1028.8 | 1027.2 | 1025.6 | 1024.1 | 1023.3 | 1022.9 | 1021.3 | 1020.2 | 1019.0 | 1017.8 | 1017.1 |
| 15° | 1021.0 | 1018.6 | 1015.9 | 1012.8 | 1012.0 | 1011.2 | 1008.5 | 1006.1 | 1004.6 | 1003.4 | 1001.5 |
| 17.5° | 1005.4 | 1000.7 | 997.6 | 992.9 | 990.9 | 990.1 | 985.9 | 983.5 | 980.8 | 980.0 | 978.4 |
| 20° | 977.7 | 973.4 | 967.5 | 963.2 | 960.9 | 958.6 | 955.0 | 951.9 | 948.8 | 948.8 | 946.9 |
| 22.5° | 943.0 | 937.5 | 930.1 | 924.6 | 924.2 | 919.6 | 916.4 | 912.9 | 911.8 | 909.4 | 909.4 |
| 25° | 899.3 | 894.6 | 886.4 | 881.7 | 879.4 | 878.2 | 873.2 | 868.5 | 866.1 | 864.2 | 865.7 |
| 27.5° | 850.9 | 843.9 | 837.7 | 831.8 | 829.9 | 827.5 | 822.8 | 820.9 | 816.6 | 816.2 | 815.8 |
| 30° | 795.5 | 788.5 | 782.3 | 779.6 | 775.7 | 773.7 | 770.2 | 767.9 | 766.3 | 766.3 | 765.5 |
| 32.5° | 737.4 | 731.2 | 728.1 | 722.2 | 720.3 | 717.6 | 715.2 | 712.9 | 713.7 | 712.9 | 713.3 |
| 35° | 674.7 | 673.1 | 667.2 | 663.7 | 663.7 | 663.3 | 659.4 | 657.9 | 657.1 | 657.5 | 659.4 |
| 37.5° | 615.0 | 610.3 | 606.4 | 604.1 | 606.0 | 603.7 | 603.3 | 603.3 | 605.6 | 604.1 | 607.2 |
| 40° | 551.4 | 551.0 | 549.5 | 550.3 | 550.6 | 547.9 | 548.7 | 549.1 | 550.6 | 553.8 | 554.2 |
| 42.5° | 496.0 | 495.7 | 495.7 | 495.7 | 494.9 | 493.3 | 494.9 | 497.6 | 497.2 | 499.6 | 501.5 |
| 45° | 442.6 | 441.8 | 443.4 | 442.2 | 444.6 | 445.4 | 444.2 | 445.0 | 447.3 | 448.9 | 452.0 |
| 47.5° | 393.9 | 393.9 | 394.3 | 395.0 | 392.7 | 394.7 | 395.4 | 397.0 | 398.2 | 398.9 | 400.5 |
| 50° | 348.6 | 348.6 | 347.9 | 347.9 | 347.9 | 349.0 | 347.5 | 349.4 | 349.8 | 352.9 | 354.9 |
| 52.5° | 306.9 | 305.0 | 306.1 | 305.4 | 303.8 | 303.0 | 303.8 | 304.2 | 306.5 | 307.3 | 309.6 |
| 55° | 267.1 | 267.1 | 264.0 | 263.2 | 264.4 | 264.0 | 263.6 | 263.6 | 264.8 | 266.0 | 267.9 |
| 57.5° | 232.0 | 229.7 | 227.4 | 227.0 | 225.8 | 226.2 | 226.2 | 225.8 | 225.0 | 225.4 | 225.8 |
| 60° | 198.9 | 197.3 | 193.8 | 193.8 | 193.4 | 193.0 | 191.1 | 190.7 | 188.7 | 189.1 | 187.6 |
| 62.5° | 168.5 | 167.7 | 163.0 | 161.4 | 161.4 | 160.3 | 158.3 | 157.9 | 155.2 | 155.2 | 153.7 |
| 65° | 141.2 | 138.8 | 136.1 | 133.4 | 133.4 | 131.8 | 130.6 | 127.1 | 125.2 | 124.0 | 121.7 |
| 67.5° | 116.2 | 112.7 | 110.0 | 107.6 | 106.1 | 105.7 | 103.0 | 100.6 | 97.5 | 95.5 | 92.0 |
| 70° | 92.0 | 89.3 | 86.6 | 84.2 | 82.7 | 81.1 | 78.4 | 74.9 | 72.5 | 69.0 | 66.7 |
| 72.5° | 69.4 | 67.1 | 64.7 | 61.6 | 59.7 | 58.5 | 55.8 | 52.6 | 48.7 | 46.4 | 43.3 |
| 75° | 49.9 | 47.2 | 44.1 | 41.3 | 40.2 | 39.0 | 35.9 | 33.5 | 30.8 | 28.1 | 25.0 |
| 77.5° | 32.4 | 29.2 | 26.9 | 23.8 | 23.4 | 22.6 | 19.5 | 17.2 | 15.2 | 13.6 | 11.7 |
| 80° | 17.2 | 15.6 | 13.6 | 11.7 | 10.9 | 9.7 | 8.2 | 7.0 | 5.8 | 4.7 | 3.9 |
| 82.5° | 7.4 | 6.2 | 5.1 | 4.3 | 3.9 | 3.5 | 2.7 | 2.3 | 1.9 | 1.9 | 1.6 |
| 85° | 1.9 | 1.6 | 1.6 | 1.2 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.4 | 0.4 | 0.0 | 0.4 | 0.4 | 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: P857435

CATALOG NUMBER: LX4C25D010 EX4C259730 4LBLWW*

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1038.5 | 1038.5 | 1038.5 | 1038.5 | 1038.5 | 1038.5 | 1038.5 | 1038.5 | 1038.5 | 1038.5 | 1038.5 |
| 2.5° | 1038.5 | 1038.9 | 1039.3 | 1039.3 | 1039.7 | 1040.1 | 1040.1 | 1040.5 | 1040.8 | 1041.2 | 1041.2 |
| 5° | 1036.6 | 1036.6 | 1036.6 | 1036.9 | 1036.9 | 1036.9 | 1036.9 | 1037.7 | 1037.7 | 1038.1 | 1038.5 |
| 7.5° | 1032.7 | 1032.7 | 1032.7 | 1032.7 | 1032.3 | 1032.7 | 1032.3 | 1032.3 | 1033.0 | 1033.4 | 1033.8 |
| 10° | 1026.4 | 1026.0 | 1026.0 | 1025.6 | 1025.6 | 1025.6 | 1026.0 | 1026.4 | 1026.8 | 1027.2 | 1028.4 |
| 12.5° | 1016.7 | 1016.3 | 1016.3 | 1015.9 | 1015.9 | 1016.3 | 1016.7 | 1017.4 | 1019.0 | 1019.8 | 1021.3 |
| 15° | 1001.1 | 1000.7 | 1001.1 | 1001.5 | 1002.2 | 1003.4 | 1004.6 | 1005.7 | 1008.1 | 1010.0 | 1012.0 |
| 17.5° | 978.4 | 978.8 | 979.2 | 980.0 | 981.2 | 982.7 | 985.9 | 989.0 | 991.7 | 994.8 | 997.9 |
| 20° | 947.2 | 948.8 | 949.2 | 951.9 | 952.7 | 956.2 | 959.7 | 964.4 | 968.7 | 972.6 | 976.9 |
| 22.5° | 909.8 | 911.0 | 912.5 | 915.7 | 917.6 | 922.3 | 926.6 | 932.0 | 936.7 | 941.8 | 948.0 |
| 25° | 867.3 | 867.7 | 872.4 | 872.4 | 877.1 | 881.0 | 886.0 | 891.9 | 898.9 | 905.5 | 909.8 |
| 27.5° | 818.9 | 820.9 | 824.4 | 826.0 | 829.5 | 835.7 | 840.0 | 847.0 | 854.0 | 859.9 | 864.6 |
| 30° | 768.3 | 769.8 | 775.7 | 776.4 | 779.2 | 784.6 | 790.5 | 797.1 | 802.6 | 809.2 | 813.5 |
| 32.5° | 714.8 | 719.1 | 722.6 | 725.4 | 726.1 | 734.3 | 737.4 | 742.1 | 748.4 | 755.0 | 759.3 |
| 35° | 663.0 | 664.9 | 670.0 | 671.5 | 673.9 | 678.6 | 684.8 | 688.7 | 691.8 | 696.1 | 701.2 |
| 37.5° | 608.0 | 613.8 | 615.0 | 619.7 | 620.4 | 624.7 | 627.9 | 632.5 | 636.4 | 640.3 | 641.1 |
| 40° | 556.9 | 558.8 | 563.1 | 564.3 | 565.1 | 570.9 | 574.8 | 576.0 | 577.9 | 581.5 | 586.1 |
| 42.5° | 505.0 | 507.0 | 511.6 | 510.5 | 514.0 | 516.7 | 518.7 | 523.3 | 525.3 | 526.5 | 526.5 |
| 45° | 453.9 | 454.7 | 457.8 | 459.4 | 461.3 | 462.9 | 466.4 | 468.7 | 469.5 | 473.0 | 474.2 |
| 47.5° | 405.2 | 406.0 | 408.3 | 411.0 | 410.3 | 412.2 | 416.1 | 417.3 | 417.7 | 420.0 | 421.2 |
| 50° | 357.2 | 359.2 | 362.3 | 361.5 | 363.8 | 365.0 | 368.5 | 369.3 | 369.3 | 369.7 | 370.1 |
| 52.5° | 312.4 | 313.9 | 314.7 | 315.5 | 316.7 | 318.6 | 320.2 | 319.4 | 320.9 | 322.5 | 321.3 |
| 55° | 267.9 | 269.1 | 271.0 | 271.8 | 271.8 | 272.2 | 271.4 | 274.9 | 273.4 | 273.0 | 273.4 |
| 57.5° | 227.4 | 225.8 | 225.4 | 227.4 | 228.1 | 227.7 | 226.6 | 228.1 | 228.1 | 227.4 | 226.2 |
| 60° | 188.0 | 186.8 | 186.4 | 186.8 | 185.2 | 184.1 | 184.8 | 184.1 | 182.1 | 181.3 | 181.7 |
| 62.5° | 152.1 | 150.9 | 147.8 | 147.8 | 147.0 | 146.6 | 143.5 | 143.9 | 142.3 | 140.0 | 140.8 |
| 65° | 118.9 | 115.8 | 114.3 | 113.9 | 111.1 | 108.8 | 108.0 | 105.3 | 103.0 | 102.6 | 103.0 |
| 67.5° | 89.3 | 85.8 | 83.1 | 81.9 | 80.3 | 78.4 | 75.7 | 73.3 | 74.1 | 73.7 | 75.3 |
| 70° | 62.0 | 59.7 | 56.9 | 55.0 | 55.8 | 53.4 | 51.9 | 51.9 | 52.3 | 52.6 | 53.4 |
| 72.5° | 41.3 | 38.2 | 37.0 | 35.9 | 35.1 | 33.5 | 34.3 | 34.3 | 33.9 | 34.3 | 33.5 |
| 75° | 23.4 | 21.8 | 20.7 | 20.3 | 19.5 | 19.5 | 19.5 | 19.5 | 19.1 | 18.7 | 18.7 |
| 77.5° | 10.5 | 9.7 | 9.4 | 9.0 | 9.0 | 9.0 | 8.6 | 8.2 | 8.2 | 8.2 | 7.8 |
| 80° | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 |
| 82.5° | 1.6 | 1.6 | 1.9 | 1.9 | 1.9 | 1.6 | 1.9 | 1.9 | 1.6 | 1.6 | 1.9 |
| 85° | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 87.5° | 0.4 | 0.4 | 0.4 | 0.0 | 0.4 | 0.4 | 0.4 | 0.4 | 0.0 | 0.4 | 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: P857435

CATALOG NUMBER: LX4C25D010 EX4C259730 4LBLWW*

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1038.5 | 1038.5 | 1038.5 | 1038.5 | 1038.5 | 1038.5 | 1038.5 | 1038.5 |
| 2.5° | 1041.6 | 1042.0 | 1042.0 | 1042.0 | 1042.4 | 1042.4 | 1042.4 | 1042.4 |
| 5° | 1038.9 | 1039.3 | 1039.3 | 1039.3 | 1039.7 | 1039.7 | 1039.7 | 1039.7 |
| 7.5° | 1034.2 | 1034.6 | 1034.6 | 1035.0 | 1035.0 | 1035.4 | 1035.4 | 1035.8 |
| 10° | 1028.8 | 1029.5 | 1029.9 | 1030.3 | 1030.7 | 1031.1 | 1031.1 | 1031.5 |
| 12.5° | 1022.9 | 1023.7 | 1024.1 | 1024.9 | 1025.6 | 1026.0 | 1026.4 | 1026.8 |
| 15° | 1014.3 | 1015.9 | 1016.7 | 1017.1 | 1018.6 | 1019.4 | 1019.8 | 1020.2 |
| 17.5° | 1000.7 | 1003.8 | 1005.0 | 1005.7 | 1007.3 | 1008.9 | 1010.0 | 1010.4 |
| 20° | 981.2 | 984.7 | 986.2 | 988.2 | 990.5 | 992.5 | 993.3 | 994.0 |
| 22.5° | 953.9 | 957.8 | 960.1 | 962.5 | 964.4 | 966.4 | 969.5 | 968.3 |
| 25° | 914.9 | 921.5 | 924.2 | 925.4 | 929.7 | 932.0 | 933.6 | 932.0 |
| 27.5° | 871.2 | 875.1 | 877.4 | 880.2 | 883.3 | 885.6 | 886.4 | 888.8 |
| 30° | 818.6 | 825.2 | 824.8 | 827.5 | 831.4 | 833.8 | 834.5 | 836.5 |
| 32.5° | 764.0 | 767.1 | 769.4 | 769.0 | 770.6 | 774.9 | 773.3 | 776.8 |
| 35° | 705.9 | 706.2 | 710.1 | 709.8 | 712.9 | 712.9 | 712.9 | 715.2 |
| 37.5° | 643.8 | 648.5 | 646.6 | 651.3 | 649.7 | 650.9 | 650.9 | 651.6 |
| 40° | 587.3 | 588.9 | 588.9 | 590.4 | 591.6 | 590.4 | 591.2 | 593.2 |
| 42.5° | 528.8 | 530.4 | 530.8 | 530.0 | 531.1 | 534.7 | 531.9 | 534.3 |
| 45° | 474.2 | 475.4 | 476.9 | 475.8 | 477.7 | 476.5 | 477.7 | 476.9 |
| 47.5° | 422.7 | 422.3 | 422.0 | 425.1 | 422.3 | 422.7 | 424.3 | 421.6 |
| 50° | 370.1 | 372.4 | 370.9 | 372.0 | 372.8 | 372.8 | 371.6 | 371.6 |
| 52.5° | 323.3 | 322.9 | 321.7 | 322.9 | 322.1 | 322.5 | 323.3 | 322.5 |
| 55° | 274.9 | 276.5 | 275.7 | 275.3 | 275.7 | 275.7 | 278.1 | 274.9 |
| 57.5° | 227.4 | 226.6 | 227.7 | 230.5 | 227.7 | 229.7 | 230.9 | 231.3 |
| 60° | 182.1 | 182.1 | 184.5 | 183.3 | 185.6 | 187.6 | 189.1 | 188.4 |
| 62.5° | 138.8 | 140.8 | 141.6 | 142.0 | 144.3 | 145.9 | 145.9 | 145.5 |
| 65° | 103.0 | 105.7 | 105.7 | 107.2 | 108.0 | 108.0 | 108.8 | 110.4 |
| 67.5° | 76.0 | 76.0 | 76.4 | 77.2 | 76.8 | 76.8 | 77.6 | 78.0 |
| 70° | 53.0 | 52.3 | 53.4 | 53.0 | 53.0 | 52.6 | 53.0 | 53.0 |
| 72.5° | 33.5 | 33.5 | 33.9 | 33.5 | 32.8 | 33.1 | 33.1 | 33.9 |
| 75° | 17.9 | 18.7 | 17.9 | 17.9 | 18.3 | 17.5 | 17.9 | 18.3 |
| 77.5° | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.0 | 7.0 | 7.0 |
| 80° | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.1 | 3.1 |
| 82.5° | 1.6 | 1.9 | 1.6 | 1.9 | 1.6 | 1.6 | 1.6 | 1.6 |
| 85° | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 87.5° | 0.0 | 0.4 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.4 |
| 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)