

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: P858837

Luminaire Tested: **LX4C05D010 EX4C059050 4LBLWW***

Issue Date: 2/9/2022



Test Information

Test Method: LM-79-08
Report Number: P858837
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: LX4C05D010 EX4C059050 4LBLWW*
Description: 4 INCH 500 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 5000K, 90CRI LEDS AND 4LRLWW TRIM WITH * FINISH
Light Source: -
Ballast/Driver: -

Summary

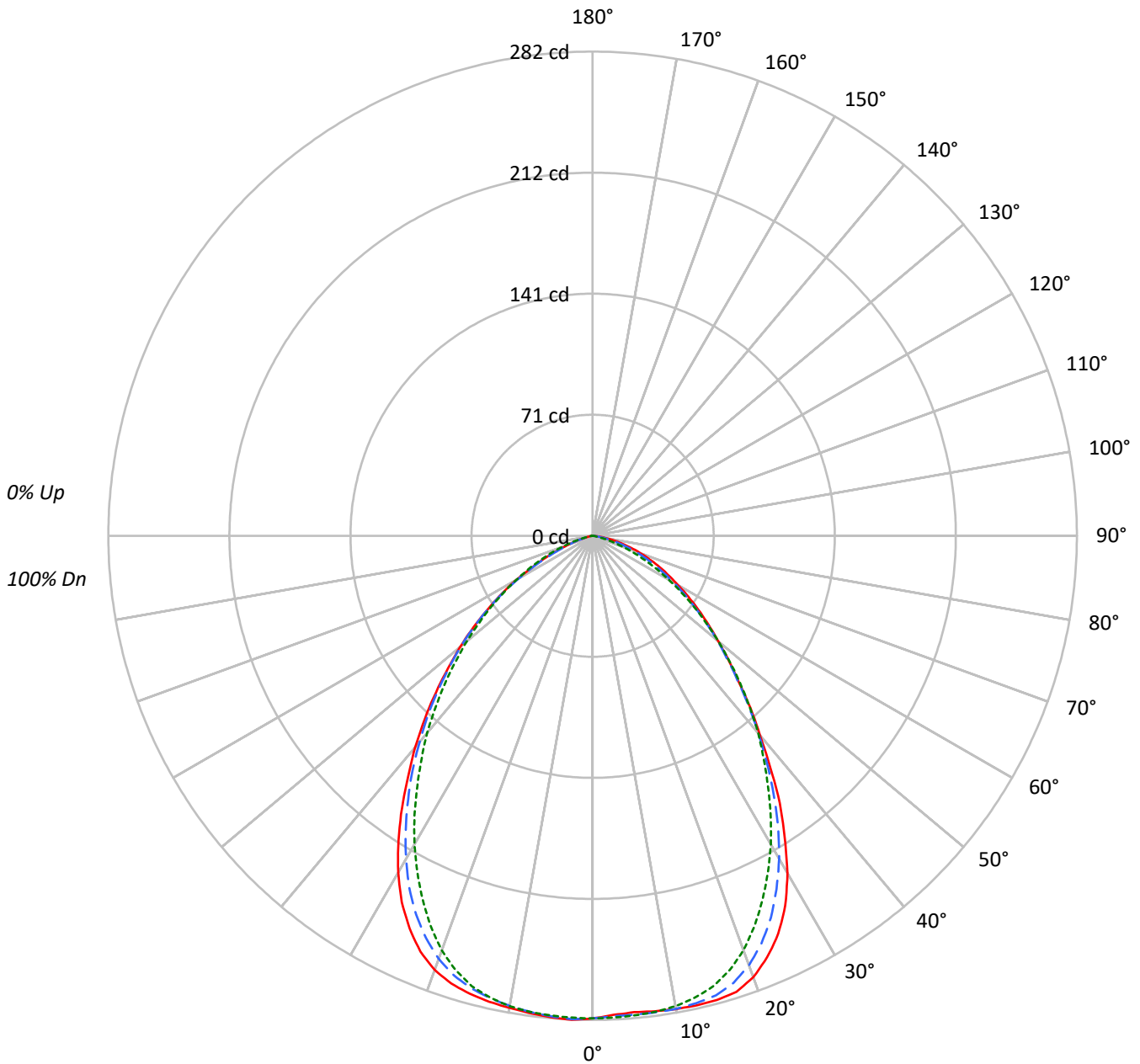
Lumens per Lamp: N/A
Luminaire Lumens: 539.0 lumens
Efficiency: N/A
Efficacy: 74.9 lumens/watt
Spacing Criteria (0/90/45): 1.19 / 1.12 / 1.18
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P858837

CATALOG NUMBER: LX4C05D010 EX4C059050 4LBLWW*

Luminous Intensity Polar Plot





TEST NUMBER: P858837

CATALOG NUMBER: LX4C05D010 EX4C059050 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° | 34534 | 34534 | 34534 |
| 5° | 34345 | 34580 | 34715 |
| 10° | 34917 | 34705 | 34830 |
| 15° | 35600 | 34544 | 35129 |
| 20° | 35770 | 33587 | 35182 |
| 25° | 34675 | 31720 | 34200 |
| 30° | 32188 | 29436 | 32131 |
| 35° | 28496 | 26696 | 29035 |
| 40° | 24297 | 24040 | 25756 |
| 45° | 20866 | 21110 | 22430 |
| 50° | 18214 | 18253 | 19227 |
| 55° | 16107 | 15422 | 15936 |
| 60° | 14104 | 12580 | 12531 |
| 65° | 12500 | 9767 | 8692 |
| 70° | 10668 | 6717 | 5172 |
| 75° | 8639 | 3607 | 2373 |
| 80° | 5872 | 920 | 566 |
| 85° | 1832 | 282 | 282 |



TEST NUMBER: P858837

CATALOG NUMBER: LX4C05D010 EX4C059050 4LBLWW*

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 26.7 | 5.0 |
| 10°-20° | 77.3 | 14.4 |
| 20°-30° | 111.8 | 20.7 |
| 30°-40° | 115.5 | 21.4 |
| 40°-50° | 95.5 | 17.7 |
| 50°-60° | 65.9 | 12.2 |
| 60°-70° | 34.5 | 6.4 |
| 70°-80° | 10.9 | 2.0 |
| 80°-90° | 0.9 | 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° | 215.8 | 40.0 |
| 0°-40° | 331.4 | 61.5 |
| 0°-60° | 492.7 | 91.4 |
| 0°-90° | 539.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 539.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|-----|-----|-----|------|------|------|
| 0° | 281 | 281 | 281 | 281 | 281 | |
| 5° | 278 | 280 | 280 | 281 | 282 | 27 |
| 15° | 280 | 277 | 272 | 273 | 276 | 79 |
| 25° | 256 | 246 | 234 | 243 | 252 | 117 |
| 35° | 190 | 184 | 178 | 187 | 194 | 118 |
| 45° | 120 | 120 | 122 | 127 | 129 | 94 |
| 55° | 75 | 73 | 72 | 74 | 74 | 68 |
| 65° | 43 | 39 | 34 | 28 | 30 | 43 |
| 75° | 18 | 14 | 8 | 5 | 5 | 19 |
| 85° | 1 | 1 | 0 | 0 | 0 | 3 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P858837

CATALOG NUMBER: LX4C05D010 EX4C059050 4LBLWW*

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 281.1 | 281.1 | 281.1 | 281.1 | 281.1 | 281.1 | 281.1 | 281.1 | 281.1 | 281.1 | 281.1 |
| 2.5° | 279.3 | 279.5 | 279.5 | 279.7 | 279.7 | 279.7 | 279.8 | 279.8 | 279.9 | 280.0 | 280.1 |
| 5° | 278.5 | 278.5 | 278.7 | 278.8 | 279.0 | 279.1 | 279.3 | 279.5 | 279.7 | 279.8 | 279.9 |
| 7.5° | 279.3 | 279.3 | 279.5 | 279.6 | 279.6 | 279.7 | 279.7 | 279.8 | 279.9 | 280.0 | 280.0 |
| 10° | 279.9 | 279.9 | 279.9 | 279.9 | 280.0 | 280.0 | 280.0 | 279.9 | 279.9 | 279.9 | 279.8 |
| 12.5° | 280.1 | 280.1 | 280.0 | 279.9 | 280.0 | 279.9 | 279.9 | 279.6 | 279.3 | 279.1 | 278.8 |
| 15° | 279.9 | 279.9 | 279.8 | 279.7 | 279.6 | 279.3 | 279.2 | 278.7 | 278.3 | 277.7 | 277.2 |
| 17.5° | 278.5 | 278.3 | 278.1 | 277.9 | 277.4 | 277.1 | 276.9 | 276.0 | 275.2 | 274.2 | 273.0 |
| 20° | 273.6 | 273.4 | 273.1 | 272.6 | 272.1 | 271.6 | 271.0 | 269.6 | 268.9 | 267.3 | 266.2 |
| 22.5° | 265.7 | 265.5 | 265.6 | 264.7 | 263.6 | 263.0 | 262.6 | 261.4 | 260.1 | 258.1 | 256.9 |
| 25° | 255.8 | 255.2 | 255.2 | 253.7 | 253.2 | 252.7 | 252.2 | 250.8 | 248.9 | 247.1 | 245.5 |
| 27.5° | 242.9 | 242.1 | 241.7 | 241.4 | 240.2 | 239.2 | 238.5 | 237.4 | 235.9 | 234.3 | 231.9 |
| 30° | 226.9 | 226.8 | 226.2 | 225.3 | 224.3 | 223.9 | 223.1 | 221.3 | 219.8 | 218.6 | 217.2 |
| 32.5° | 208.0 | 207.9 | 207.9 | 207.9 | 207.2 | 207.1 | 205.9 | 204.9 | 203.8 | 202.0 | 201.0 |
| 35° | 190.0 | 189.9 | 190.0 | 188.4 | 188.0 | 187.7 | 187.6 | 187.0 | 185.4 | 184.5 | 183.7 |
| 37.5° | 169.8 | 170.1 | 169.9 | 169.4 | 170.0 | 169.0 | 169.8 | 168.4 | 167.8 | 167.5 | 166.6 |
| 40° | 151.5 | 152.3 | 151.5 | 151.6 | 152.1 | 151.2 | 151.2 | 151.0 | 150.5 | 150.3 | 150.1 |
| 42.5° | 135.9 | 134.8 | 135.5 | 134.9 | 135.5 | 135.1 | 134.6 | 134.9 | 135.0 | 134.6 | 134.5 |
| 45° | 120.1 | 120.4 | 120.6 | 120.2 | 120.2 | 119.9 | 120.8 | 120.2 | 120.2 | 120.4 | 119.6 |
| 47.5° | 107.4 | 107.1 | 107.3 | 107.1 | 107.2 | 106.9 | 107.2 | 107.3 | 107.1 | 107.1 | 106.4 |
| 50° | 95.3 | 95.1 | 95.9 | 95.2 | 95.2 | 95.1 | 95.2 | 95.0 | 94.7 | 94.7 | 94.9 |
| 52.5° | 84.9 | 84.5 | 84.4 | 84.9 | 84.1 | 84.1 | 84.2 | 84.0 | 83.6 | 83.4 | 82.9 |
| 55° | 75.2 | 75.1 | 75.2 | 74.7 | 74.5 | 74.5 | 74.0 | 73.8 | 73.7 | 73.2 | 72.8 |
| 57.5° | 66.1 | 65.8 | 65.9 | 65.8 | 65.3 | 65.2 | 64.8 | 64.8 | 64.4 | 64.0 | 63.4 |
| 60° | 57.4 | 57.4 | 57.7 | 57.3 | 57.0 | 56.8 | 56.6 | 56.4 | 55.6 | 54.9 | 54.3 |
| 62.5° | 49.7 | 49.8 | 49.7 | 49.4 | 49.2 | 49.0 | 48.8 | 48.1 | 47.5 | 47.1 | 46.3 |
| 65° | 43.0 | 42.9 | 42.5 | 42.3 | 41.8 | 41.8 | 41.4 | 41.1 | 40.3 | 39.7 | 39.0 |
| 67.5° | 36.0 | 35.8 | 35.8 | 35.8 | 35.2 | 35.1 | 34.8 | 34.2 | 33.6 | 32.7 | 32.1 |
| 70° | 29.7 | 29.9 | 29.6 | 29.2 | 28.9 | 28.8 | 28.5 | 27.9 | 27.1 | 26.3 | 25.8 |
| 72.5° | 23.6 | 23.9 | 23.5 | 23.4 | 22.8 | 22.6 | 22.5 | 22.0 | 21.1 | 20.6 | 19.7 |
| 75° | 18.2 | 18.3 | 18.1 | 17.8 | 17.4 | 17.3 | 16.8 | 16.4 | 15.8 | 15.0 | 14.3 |
| 77.5° | 13.1 | 12.9 | 12.9 | 12.5 | 12.0 | 12.0 | 11.9 | 11.3 | 10.6 | 9.9 | 9.3 |
| 80° | 8.3 | 8.2 | 7.9 | 7.7 | 7.4 | 7.3 | 7.2 | 6.7 | 6.1 | 5.7 | 5.3 |
| 82.5° | 4.2 | 4.1 | 4.0 | 3.9 | 3.7 | 3.5 | 3.6 | 3.2 | 3.0 | 2.5 | 2.2 |
| 85° | 1.3 | 1.4 | 1.4 | 1.3 | 1.2 | 1.2 | 1.2 | 1.1 | 0.8 | 0.7 | 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: P858837

CATALOG NUMBER: LX4C05D010 EX4C059050 4LBLWW*

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 281.1 | 281.1 | 281.1 | 281.1 | 281.1 | 281.1 | 281.1 | 281.1 | 281.1 | 281.1 | 281.1 |
| 2.5° | 280.2 | 280.3 | 280.4 | 280.5 | 280.5 | 280.6 | 280.7 | 280.8 | 280.9 | 280.9 | 281.0 |
| 5° | 280.0 | 280.2 | 280.2 | 280.3 | 280.3 | 280.3 | 280.4 | 280.4 | 280.4 | 280.4 | 280.5 |
| 7.5° | 280.1 | 280.1 | 280.1 | 280.0 | 280.0 | 279.9 | 279.9 | 279.9 | 279.7 | 279.7 | 279.7 |
| 10° | 279.6 | 279.5 | 279.3 | 279.1 | 279.0 | 278.9 | 278.7 | 278.5 | 278.3 | 278.2 | 278.0 |
| 12.5° | 278.5 | 278.1 | 277.7 | 277.2 | 277.0 | 276.9 | 276.5 | 276.2 | 275.9 | 275.5 | 275.3 |
| 15° | 276.4 | 275.8 | 275.0 | 274.2 | 274.0 | 273.8 | 273.0 | 272.4 | 272.0 | 271.6 | 271.1 |
| 17.5° | 272.2 | 270.9 | 270.1 | 268.8 | 268.3 | 268.1 | 266.9 | 266.3 | 265.5 | 265.3 | 264.9 |
| 20° | 264.7 | 263.5 | 261.9 | 260.8 | 260.1 | 259.5 | 258.5 | 257.7 | 256.9 | 256.9 | 256.3 |
| 22.5° | 255.3 | 253.8 | 251.8 | 250.3 | 250.2 | 248.9 | 248.1 | 247.1 | 246.8 | 246.2 | 246.2 |
| 25° | 243.5 | 242.2 | 240.0 | 238.7 | 238.1 | 237.8 | 236.4 | 235.1 | 234.5 | 234.0 | 234.4 |
| 27.5° | 230.4 | 228.5 | 226.8 | 225.2 | 224.7 | 224.0 | 222.8 | 222.2 | 221.1 | 221.0 | 220.9 |
| 30° | 215.4 | 213.5 | 211.8 | 211.0 | 210.0 | 209.5 | 208.5 | 207.9 | 207.5 | 207.5 | 207.2 |
| 32.5° | 199.6 | 197.9 | 197.1 | 195.5 | 195.0 | 194.3 | 193.6 | 193.0 | 193.2 | 193.0 | 193.1 |
| 35° | 182.6 | 182.2 | 180.6 | 179.7 | 179.7 | 179.6 | 178.5 | 178.1 | 177.9 | 178.0 | 178.5 |
| 37.5° | 166.5 | 165.2 | 164.2 | 163.5 | 164.1 | 163.4 | 163.3 | 163.3 | 164.0 | 163.5 | 164.4 |
| 40° | 149.3 | 149.2 | 148.8 | 149.0 | 149.1 | 148.3 | 148.5 | 148.6 | 149.1 | 149.9 | 150.0 |
| 42.5° | 134.3 | 134.2 | 134.2 | 134.2 | 134.0 | 133.6 | 134.0 | 134.7 | 134.6 | 135.2 | 135.8 |
| 45° | 119.8 | 119.6 | 120.0 | 119.7 | 120.4 | 120.6 | 120.2 | 120.5 | 121.1 | 121.5 | 122.4 |
| 47.5° | 106.6 | 106.6 | 106.7 | 106.9 | 106.3 | 106.8 | 107.1 | 107.5 | 107.8 | 108.0 | 108.4 |
| 50° | 94.4 | 94.4 | 94.2 | 94.2 | 94.2 | 94.5 | 94.1 | 94.6 | 94.7 | 95.5 | 96.1 |
| 52.5° | 83.1 | 82.6 | 82.9 | 82.7 | 82.2 | 82.0 | 82.2 | 82.3 | 83.0 | 83.2 | 83.8 |
| 55° | 72.3 | 72.3 | 71.5 | 71.3 | 71.6 | 71.5 | 71.4 | 71.4 | 71.7 | 72.0 | 72.5 |
| 57.5° | 62.8 | 62.2 | 61.5 | 61.4 | 61.1 | 61.2 | 61.2 | 61.1 | 60.9 | 61.0 | 61.1 |
| 60° | 53.8 | 53.4 | 52.5 | 52.5 | 52.4 | 52.3 | 51.7 | 51.6 | 51.1 | 51.2 | 50.8 |
| 62.5° | 45.6 | 45.4 | 44.1 | 43.7 | 43.7 | 43.4 | 42.9 | 42.8 | 42.0 | 42.0 | 41.6 |
| 65° | 38.2 | 37.6 | 36.8 | 36.1 | 36.1 | 35.7 | 35.4 | 34.4 | 33.9 | 33.6 | 32.9 |
| 67.5° | 31.5 | 30.5 | 29.8 | 29.1 | 28.7 | 28.6 | 27.9 | 27.2 | 26.4 | 25.9 | 24.9 |
| 70° | 24.9 | 24.2 | 23.4 | 22.8 | 22.4 | 22.0 | 21.2 | 20.3 | 19.6 | 18.7 | 18.1 |
| 72.5° | 18.8 | 18.2 | 17.5 | 16.7 | 16.2 | 15.8 | 15.1 | 14.3 | 13.2 | 12.6 | 11.7 |
| 75° | 13.5 | 12.8 | 11.9 | 11.2 | 10.9 | 10.6 | 9.7 | 9.1 | 8.3 | 7.6 | 6.8 |
| 77.5° | 8.8 | 7.9 | 7.3 | 6.4 | 6.3 | 6.1 | 5.3 | 4.6 | 4.1 | 3.7 | 3.2 |
| 80° | 4.6 | 4.2 | 3.7 | 3.2 | 3.0 | 2.6 | 2.2 | 1.9 | 1.6 | 1.3 | 1.1 |
| 82.5° | 2.0 | 1.7 | 1.4 | 1.2 | 1.1 | 1.0 | 0.7 | 0.6 | 0.5 | 0.5 | 0.4 |
| 85° | 0.5 | 0.4 | 0.4 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 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: P858837

CATALOG NUMBER: LX4C05D010 EX4C059050 4LBLWW*

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 281.1 | 281.1 | 281.1 | 281.1 | 281.1 | 281.1 | 281.1 | 281.1 | 281.1 | 281.1 | 281.1 |
| 2.5° | 281.1 | 281.2 | 281.4 | 281.4 | 281.5 | 281.6 | 281.6 | 281.7 | 281.8 | 281.9 | 281.9 |
| 5° | 280.6 | 280.6 | 280.6 | 280.7 | 280.7 | 280.7 | 280.7 | 280.9 | 280.9 | 281.0 | 281.1 |
| 7.5° | 279.6 | 279.6 | 279.6 | 279.6 | 279.5 | 279.6 | 279.5 | 279.5 | 279.7 | 279.8 | 279.9 |
| 10° | 277.9 | 277.8 | 277.8 | 277.7 | 277.7 | 277.7 | 277.8 | 277.9 | 278.0 | 278.1 | 278.4 |
| 12.5° | 275.2 | 275.1 | 275.1 | 275.0 | 275.0 | 275.1 | 275.2 | 275.4 | 275.9 | 276.1 | 276.5 |
| 15° | 271.0 | 270.9 | 271.0 | 271.1 | 271.3 | 271.6 | 272.0 | 272.3 | 272.9 | 273.4 | 274.0 |
| 17.5° | 264.9 | 265.0 | 265.1 | 265.3 | 265.6 | 266.0 | 266.9 | 267.7 | 268.5 | 269.3 | 270.2 |
| 20° | 256.4 | 256.9 | 257.0 | 257.7 | 257.9 | 258.9 | 259.8 | 261.1 | 262.2 | 263.3 | 264.5 |
| 22.5° | 246.3 | 246.6 | 247.0 | 247.9 | 248.4 | 249.7 | 250.8 | 252.3 | 253.6 | 255.0 | 256.6 |
| 25° | 234.8 | 234.9 | 236.2 | 236.2 | 237.4 | 238.5 | 239.9 | 241.4 | 243.3 | 245.1 | 246.3 |
| 27.5° | 221.7 | 222.2 | 223.2 | 223.6 | 224.6 | 226.2 | 227.4 | 229.3 | 231.2 | 232.8 | 234.1 |
| 30° | 208.0 | 208.4 | 210.0 | 210.2 | 210.9 | 212.4 | 214.0 | 215.8 | 217.3 | 219.1 | 220.2 |
| 32.5° | 193.5 | 194.7 | 195.6 | 196.4 | 196.6 | 198.8 | 199.6 | 200.9 | 202.6 | 204.4 | 205.6 |
| 35° | 179.5 | 180.0 | 181.4 | 181.8 | 182.4 | 183.7 | 185.4 | 186.4 | 187.3 | 188.4 | 189.8 |
| 37.5° | 164.6 | 166.2 | 166.5 | 167.8 | 168.0 | 169.1 | 170.0 | 171.2 | 172.3 | 173.4 | 173.6 |
| 40° | 150.8 | 151.3 | 152.4 | 152.8 | 153.0 | 154.6 | 155.6 | 155.9 | 156.5 | 157.4 | 158.7 |
| 42.5° | 136.7 | 137.2 | 138.5 | 138.2 | 139.1 | 139.9 | 140.4 | 141.7 | 142.2 | 142.5 | 142.5 |
| 45° | 122.9 | 123.1 | 123.9 | 124.4 | 124.9 | 125.3 | 126.3 | 126.9 | 127.1 | 128.1 | 128.4 |
| 47.5° | 109.7 | 109.9 | 110.5 | 111.3 | 111.1 | 111.6 | 112.6 | 113.0 | 113.1 | 113.7 | 114.0 |
| 50° | 96.7 | 97.2 | 98.1 | 97.9 | 98.5 | 98.8 | 99.8 | 100.0 | 100.0 | 100.1 | 100.2 |
| 52.5° | 84.6 | 85.0 | 85.2 | 85.4 | 85.7 | 86.3 | 86.7 | 86.5 | 86.9 | 87.3 | 87.0 |
| 55° | 72.5 | 72.8 | 73.4 | 73.6 | 73.6 | 73.7 | 73.5 | 74.4 | 74.0 | 73.9 | 74.0 |
| 57.5° | 61.5 | 61.1 | 61.0 | 61.5 | 61.8 | 61.7 | 61.3 | 61.8 | 61.8 | 61.5 | 61.2 |
| 60° | 50.9 | 50.6 | 50.5 | 50.6 | 50.1 | 49.8 | 50.0 | 49.8 | 49.3 | 49.1 | 49.2 |
| 62.5° | 41.2 | 40.9 | 40.0 | 40.0 | 39.8 | 39.7 | 38.9 | 39.0 | 38.5 | 37.9 | 38.1 |
| 65° | 32.2 | 31.4 | 30.9 | 30.8 | 30.1 | 29.5 | 29.2 | 28.5 | 27.9 | 27.8 | 27.9 |
| 67.5° | 24.2 | 23.2 | 22.5 | 22.2 | 21.7 | 21.2 | 20.5 | 19.8 | 20.1 | 20.0 | 20.4 |
| 70° | 16.8 | 16.2 | 15.4 | 14.9 | 15.1 | 14.5 | 14.0 | 14.0 | 14.1 | 14.3 | 14.5 |
| 72.5° | 11.2 | 10.3 | 10.0 | 9.7 | 9.5 | 9.1 | 9.3 | 9.3 | 9.2 | 9.3 | 9.1 |
| 75° | 6.3 | 5.9 | 5.6 | 5.5 | 5.3 | 5.3 | 5.3 | 5.3 | 5.2 | 5.1 | 5.1 |
| 77.5° | 2.9 | 2.6 | 2.5 | 2.4 | 2.4 | 2.4 | 2.3 | 2.2 | 2.2 | 2.2 | 2.1 |
| 80° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 82.5° | 0.4 | 0.4 | 0.5 | 0.5 | 0.5 | 0.4 | 0.5 | 0.5 | 0.4 | 0.4 | 0.5 |
| 85° | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 87.5° | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 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: P858837

CATALOG NUMBER: LX4C05D010 EX4C059050 4LBLWW*

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 0° | 281.1 | 281.1 | 281.1 | 281.1 | 281.1 | 281.1 | 281.1 | 281.1 |
| 2.5° | 282.0 | 282.1 | 282.1 | 282.1 | 282.2 | 282.2 | 282.2 | 282.2 |
| 5° | 281.2 | 281.4 | 281.4 | 281.4 | 281.5 | 281.5 | 281.5 | 281.5 |
| 7.5° | 280.0 | 280.1 | 280.1 | 280.2 | 280.2 | 280.3 | 280.3 | 280.4 |
| 10° | 278.5 | 278.7 | 278.8 | 278.9 | 279.0 | 279.1 | 279.1 | 279.2 |
| 12.5° | 276.9 | 277.1 | 277.2 | 277.4 | 277.7 | 277.8 | 277.9 | 278.0 |
| 15° | 274.6 | 275.0 | 275.2 | 275.3 | 275.8 | 276.0 | 276.1 | 276.2 |
| 17.5° | 270.9 | 271.7 | 272.1 | 272.3 | 272.7 | 273.1 | 273.4 | 273.5 |
| 20° | 265.6 | 266.6 | 267.0 | 267.5 | 268.2 | 268.7 | 268.9 | 269.1 |
| 22.5° | 258.2 | 259.3 | 259.9 | 260.6 | 261.1 | 261.6 | 262.5 | 262.1 |
| 25° | 247.7 | 249.5 | 250.2 | 250.5 | 251.7 | 252.3 | 252.7 | 252.3 |
| 27.5° | 235.9 | 236.9 | 237.5 | 238.3 | 239.1 | 239.8 | 240.0 | 240.6 |
| 30° | 221.6 | 223.4 | 223.3 | 224.0 | 225.1 | 225.7 | 225.9 | 226.5 |
| 32.5° | 206.8 | 207.7 | 208.3 | 208.2 | 208.6 | 209.8 | 209.4 | 210.3 |
| 35° | 191.1 | 191.2 | 192.2 | 192.1 | 193.0 | 193.0 | 193.0 | 193.6 |
| 37.5° | 174.3 | 175.6 | 175.0 | 176.3 | 175.9 | 176.2 | 176.2 | 176.4 |
| 40° | 159.0 | 159.4 | 159.4 | 159.8 | 160.2 | 159.8 | 160.0 | 160.6 |
| 42.5° | 143.2 | 143.6 | 143.7 | 143.5 | 143.8 | 144.7 | 144.0 | 144.6 |
| 45° | 128.4 | 128.7 | 129.1 | 128.8 | 129.3 | 129.0 | 129.3 | 129.1 |
| 47.5° | 114.4 | 114.3 | 114.2 | 115.1 | 114.3 | 114.4 | 114.9 | 114.1 |
| 50° | 100.2 | 100.8 | 100.4 | 100.7 | 100.9 | 100.9 | 100.6 | 100.6 |
| 52.5° | 87.5 | 87.4 | 87.1 | 87.4 | 87.2 | 87.3 | 87.5 | 87.3 |
| 55° | 74.4 | 74.9 | 74.6 | 74.5 | 74.6 | 74.6 | 75.3 | 74.4 |
| 57.5° | 61.5 | 61.3 | 61.7 | 62.4 | 61.7 | 62.2 | 62.5 | 62.6 |
| 60° | 49.3 | 49.3 | 49.9 | 49.6 | 50.3 | 50.8 | 51.2 | 51.0 |
| 62.5° | 37.6 | 38.1 | 38.3 | 38.4 | 39.1 | 39.5 | 39.5 | 39.4 |
| 65° | 27.9 | 28.6 | 28.6 | 29.0 | 29.2 | 29.2 | 29.5 | 29.9 |
| 67.5° | 20.6 | 20.6 | 20.7 | 20.9 | 20.8 | 20.8 | 21.0 | 21.1 |
| 70° | 14.4 | 14.1 | 14.5 | 14.4 | 14.4 | 14.3 | 14.4 | 14.4 |
| 72.5° | 9.1 | 9.1 | 9.2 | 9.1 | 8.9 | 9.0 | 9.0 | 9.2 |
| 75° | 4.9 | 5.1 | 4.9 | 4.9 | 5.0 | 4.8 | 4.9 | 5.0 |
| 77.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.9 | 1.9 | 1.9 |
| 80° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 0.8 |
| 82.5° | 0.4 | 0.5 | 0.4 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 |
| 85° | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 87.5° | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 |
| 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)