

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: P858823

Luminaire Tested: **LX4C05D010 EX4C059040 4LBLWWH**

Issue Date: 2/14/2022



Test Information

Test Method: LM-79-08
Report Number: P858823
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2107-320-2)
Test Lab: INNOVATION CENTER
Issue Date: 2/14/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C05D010 EX4C059040 4LBLWWH
Description: 4 INCH 500 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 4000K, 90CRI LEDS AND 4LRLWW TRIM WITH H FINISH
Light Source: -
Ballast/Driver: -

Summary

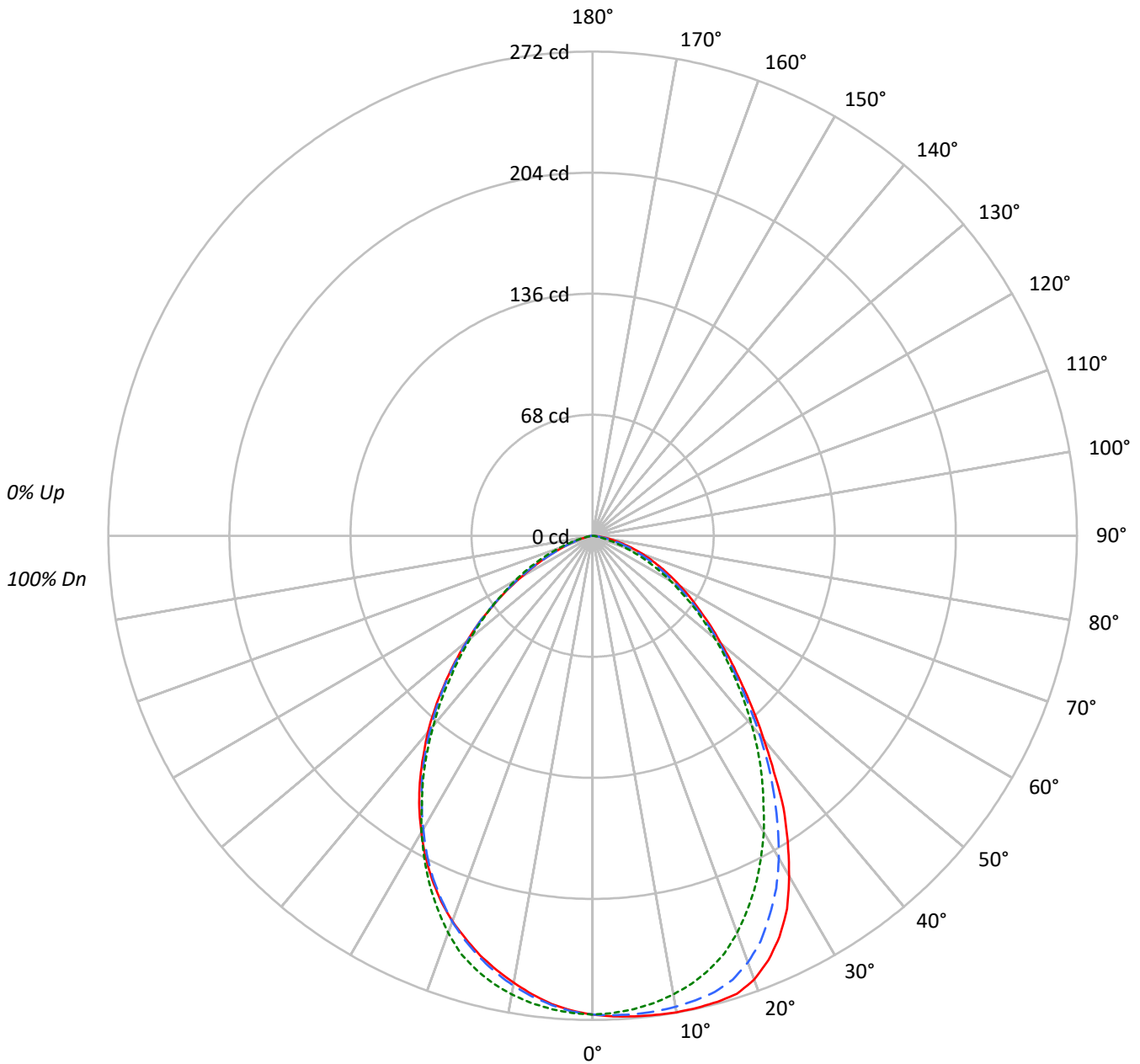
Lumens per Lamp: N/A
Luminaire Lumens: 507.0 lumens
Efficiency: N/A
Efficacy: 70.4 lumens/watt
Spacing Criteria (0/90/45): 1.15 / 1.09 / 1.17
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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: P858823

CATALOG NUMBER: LX4C05D010 EX4C059040 4LBLWWH

Luminous Intensity Polar Plot





TEST NUMBER: P858823

CATALOG NUMBER: LX4C05D010 EX4C059040 4LBLWWH

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 | 108 | 105 | 102 | 99 | 101 | 98 | 96 | 97 | 95 | 93 | 94 | 92 | 90 | 88 | | | | | | | | | | | | | | | | | | | |
| 2 | 103 | 96 | 90 | 86 | 100 | 94 | 89 | 85 | 91 | 86 | 83 | 88 | 84 | 81 | 85 | 82 | 79 | 77 | | | | | | | | | | | | | | | | | | | |
| 3 | 95 | 86 | 79 | 74 | 93 | 85 | 78 | 73 | 82 | 76 | 72 | 79 | 75 | 71 | 77 | 73 | 70 | 68 | | | | | | | | | | | | | | | | | | | |
| 4 | 88 | 78 | 70 | 64 | 86 | 77 | 69 | 64 | 74 | 68 | 63 | 72 | 67 | 62 | 70 | 65 | 62 | 60 | | | | | | | | | | | | | | | | | | | |
| 5 | 82 | 71 | 63 | 57 | 80 | 69 | 62 | 57 | 67 | 61 | 56 | 66 | 60 | 55 | 64 | 59 | 55 | 53 | | | | | | | | | | | | | | | | | | | |
| 6 | 76 | 64 | 56 | 51 | 74 | 63 | 56 | 50 | 62 | 55 | 50 | 60 | 54 | 50 | 59 | 53 | 49 | 47 | | | | | | | | | | | | | | | | | | | |
| 7 | 71 | 59 | 51 | 46 | 69 | 58 | 51 | 45 | 57 | 50 | 45 | 55 | 49 | 45 | 54 | 49 | 45 | 43 | | | | | | | | | | | | | | | | | | | |
| 8 | 67 | 54 | 47 | 41 | 65 | 54 | 46 | 41 | 52 | 46 | 41 | 51 | 45 | 41 | 50 | 45 | 40 | 39 | | | | | | | | | | | | | | | | | | | |
| 9 | 62 | 50 | 43 | 38 | 61 | 50 | 42 | 37 | 49 | 42 | 37 | 47 | 41 | 37 | 47 | 41 | 37 | 35 | | | | | | | | | | | | | | | | | | | |
| 10 | 59 | 47 | 39 | 34 | 58 | 46 | 39 | 34 | 45 | 39 | 34 | 44 | 38 | 34 | 43 | 38 | 34 | 32 | | | | | | | | | | | | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|-------|-------|-------|
| 0° | 33048 | 33048 | 33048 |
| 5° | 33420 | 32915 | 32557 |
| 10° | 33907 | 32634 | 31811 |
| 15° | 34468 | 32115 | 31046 |
| 20° | 34685 | 31024 | 30122 |
| 25° | 33685 | 29347 | 28900 |
| 30° | 31308 | 27279 | 27294 |
| 35° | 28031 | 24866 | 25391 |
| 40° | 23992 | 22292 | 23094 |
| 45° | 20658 | 19650 | 20380 |
| 50° | 17966 | 17106 | 17622 |
| 55° | 15807 | 14715 | 14586 |
| 60° | 14054 | 12285 | 11303 |
| 65° | 12326 | 9826 | 8169 |
| 70° | 10596 | 6933 | 5532 |
| 75° | 8592 | 4035 | 3228 |
| 80° | 6155 | 1769 | 1627 |
| 85° | 2396 | 705 | 705 |



TEST NUMBER: P858823

CATALOG NUMBER: LX4C05D010 EX4C059040 4LBLWWH

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 25.4 | 5.0 |
| 10°-20° | 71.8 | 14.2 |
| 20°-30° | 102.5 | 20.2 |
| 30°-40° | 107.2 | 21.1 |
| 40°-50° | 89.8 | 17.7 |
| 50°-60° | 62.9 | 12.4 |
| 60°-70° | 34.2 | 6.8 |
| 70°-80° | 11.9 | 2.3 |
| 80°-90° | 1.4 | 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° | 199.6 | 39.4 |
| 0°-40° | 306.8 | 60.5 |
| 0°-60° | 459.5 | 90.6 |
| 0°-90° | 507.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 507.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|-----|-----|-----|------|------|------|
| 0° | 269 | 269 | 269 | 269 | 269 | |
| 5° | 271 | 270 | 267 | 265 | 264 | 26 |
| 15° | 271 | 265 | 252 | 245 | 244 | 77 |
| 25° | 248 | 235 | 216 | 212 | 213 | 113 |
| 35° | 187 | 178 | 166 | 167 | 169 | 116 |
| 45° | 119 | 116 | 113 | 117 | 117 | 92 |
| 55° | 74 | 71 | 69 | 69 | 68 | 67 |
| 65° | 42 | 39 | 34 | 28 | 28 | 42 |
| 75° | 18 | 15 | 8 | 7 | 7 | 20 |
| 85° | 2 | 1 | 0 | 0 | 0 | 3 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P858823

CATALOG NUMBER: LX4C05D010 EX4C059040 4LBLWWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 269.0 | 269.0 | 269.0 | 269.0 | 269.0 | 269.0 | 269.0 | 269.0 | 269.0 | 269.0 | 269.0 |
| 2.5° | 270.3 | 270.0 | 270.1 | 270.1 | 270.1 | 270.0 | 270.1 | 270.0 | 270.0 | 269.9 | 269.6 |
| 5° | 271.0 | 270.8 | 270.8 | 270.8 | 270.7 | 270.6 | 270.6 | 270.5 | 270.3 | 270.2 | 269.8 |
| 7.5° | 271.5 | 271.3 | 271.3 | 271.2 | 271.1 | 271.0 | 270.9 | 270.6 | 270.3 | 270.1 | 269.5 |
| 10° | 271.8 | 271.5 | 271.5 | 271.3 | 271.1 | 271.0 | 270.8 | 270.4 | 270.0 | 269.4 | 268.7 |
| 12.5° | 271.6 | 271.3 | 271.2 | 271.0 | 270.6 | 270.4 | 270.2 | 269.6 | 268.9 | 268.2 | 267.3 |
| 15° | 271.0 | 270.8 | 270.6 | 270.3 | 269.8 | 269.4 | 269.2 | 268.4 | 267.5 | 266.4 | 265.3 |
| 17.5° | 269.8 | 269.4 | 269.0 | 268.6 | 267.9 | 267.6 | 267.1 | 266.0 | 264.7 | 263.2 | 261.5 |
| 20° | 265.3 | 265.1 | 264.7 | 264.0 | 262.8 | 262.4 | 261.7 | 260.3 | 258.6 | 256.8 | 255.0 |
| 22.5° | 258.0 | 257.6 | 257.0 | 256.4 | 255.4 | 254.6 | 254.0 | 252.2 | 250.2 | 248.3 | 246.6 |
| 25° | 248.5 | 248.2 | 247.4 | 246.6 | 245.5 | 244.3 | 243.7 | 242.2 | 240.3 | 237.9 | 235.3 |
| 27.5° | 236.4 | 235.4 | 235.1 | 234.2 | 232.6 | 232.2 | 231.3 | 229.4 | 227.5 | 225.5 | 223.3 |
| 30° | 220.7 | 220.7 | 220.1 | 219.7 | 218.2 | 217.8 | 216.8 | 214.8 | 213.8 | 210.9 | 209.2 |
| 32.5° | 204.0 | 203.8 | 203.3 | 203.0 | 202.2 | 201.5 | 200.4 | 199.4 | 197.1 | 195.7 | 193.4 |
| 35° | 186.9 | 185.6 | 185.8 | 185.2 | 184.7 | 183.9 | 183.8 | 182.6 | 180.6 | 179.7 | 177.7 |
| 37.5° | 167.3 | 166.8 | 167.5 | 166.6 | 166.1 | 166.2 | 165.3 | 164.6 | 163.8 | 162.3 | 161.9 |
| 40° | 149.6 | 150.0 | 149.9 | 149.1 | 149.5 | 149.0 | 148.2 | 147.4 | 147.0 | 146.1 | 145.8 |
| 42.5° | 133.8 | 133.2 | 133.0 | 133.0 | 133.1 | 133.1 | 132.7 | 132.1 | 132.1 | 131.2 | 130.3 |
| 45° | 118.9 | 118.9 | 118.7 | 119.3 | 118.4 | 118.4 | 118.1 | 118.0 | 117.5 | 117.3 | 116.2 |
| 47.5° | 106.1 | 106.0 | 105.9 | 105.7 | 105.6 | 105.6 | 105.0 | 104.5 | 104.4 | 103.8 | 103.2 |
| 50° | 94.0 | 94.6 | 94.4 | 93.8 | 93.6 | 93.7 | 93.3 | 93.0 | 92.9 | 91.9 | 92.0 |
| 52.5° | 83.8 | 83.7 | 83.9 | 83.6 | 83.1 | 83.2 | 82.8 | 82.4 | 81.9 | 81.4 | 81.0 |
| 55° | 73.8 | 74.3 | 74.1 | 73.8 | 73.7 | 73.5 | 73.2 | 72.6 | 72.5 | 71.4 | 71.3 |
| 57.5° | 65.4 | 65.3 | 65.1 | 64.6 | 64.5 | 64.2 | 64.2 | 63.7 | 63.1 | 62.5 | 62.0 |
| 60° | 57.2 | 57.2 | 56.9 | 56.8 | 56.4 | 56.3 | 56.2 | 55.8 | 55.0 | 54.5 | 53.7 |
| 62.5° | 49.4 | 49.6 | 49.4 | 49.0 | 48.7 | 48.3 | 48.1 | 47.8 | 47.2 | 46.7 | 45.9 |
| 65° | 42.4 | 42.3 | 42.2 | 41.8 | 41.7 | 41.3 | 41.2 | 40.6 | 39.9 | 39.5 | 38.7 |
| 67.5° | 35.8 | 35.5 | 35.5 | 35.3 | 35.1 | 34.8 | 34.6 | 33.9 | 33.2 | 32.8 | 32.0 |
| 70° | 29.5 | 29.3 | 29.3 | 29.3 | 28.8 | 28.5 | 28.4 | 28.0 | 27.0 | 26.6 | 25.8 |
| 72.5° | 23.7 | 23.6 | 23.5 | 23.2 | 22.9 | 22.9 | 22.5 | 21.8 | 21.3 | 20.8 | 20.2 |
| 75° | 18.1 | 18.3 | 18.1 | 17.7 | 17.6 | 17.4 | 17.1 | 16.6 | 16.0 | 15.4 | 14.7 |
| 77.5° | 13.2 | 13.0 | 12.8 | 12.8 | 12.6 | 12.2 | 12.1 | 11.7 | 11.1 | 10.7 | 9.9 |
| 80° | 8.7 | 8.6 | 8.4 | 8.2 | 8.1 | 8.0 | 7.9 | 7.4 | 6.8 | 6.5 | 5.9 |
| 82.5° | 4.8 | 4.7 | 4.7 | 4.6 | 4.2 | 4.2 | 4.1 | 3.7 | 3.4 | 3.2 | 2.9 |
| 85° | 1.7 | 1.7 | 1.7 | 1.6 | 1.6 | 1.6 | 1.4 | 1.3 | 1.2 | 1.1 | 0.9 |
| 87.5° | 0.2 | 0.1 | 0.2 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 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: P858823

CATALOG NUMBER: LX4C05D010 EX4C059040 4LBLWWH

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 269.0 | 269.0 | 269.0 | 269.0 | 269.0 | 269.0 | 269.0 | 269.0 | 269.0 | 269.0 | 269.0 |
| 2.5° | 269.4 | 269.2 | 269.1 | 269.0 | 268.9 | 268.8 | 268.7 | 268.5 | 268.4 | 268.3 | 268.1 |
| 5° | 269.4 | 269.0 | 268.8 | 268.5 | 268.3 | 268.1 | 267.8 | 267.5 | 267.2 | 266.9 | 266.5 |
| 7.5° | 269.0 | 268.4 | 268.0 | 267.4 | 267.2 | 266.9 | 266.2 | 265.8 | 265.3 | 264.7 | 264.0 |
| 10° | 268.0 | 267.3 | 266.4 | 265.6 | 265.3 | 264.8 | 264.0 | 263.2 | 262.4 | 261.6 | 260.9 |
| 12.5° | 266.3 | 265.2 | 264.2 | 263.0 | 262.4 | 261.9 | 260.7 | 259.7 | 258.7 | 257.7 | 256.5 |
| 15° | 263.9 | 262.5 | 261.2 | 259.6 | 258.9 | 258.3 | 256.6 | 255.4 | 253.7 | 252.5 | 251.2 |
| 17.5° | 259.8 | 257.7 | 256.1 | 254.1 | 253.1 | 252.4 | 250.9 | 249.0 | 247.4 | 246.1 | 244.6 |
| 20° | 252.9 | 250.9 | 248.6 | 246.5 | 245.3 | 244.4 | 242.3 | 240.3 | 238.7 | 237.3 | 235.7 |
| 22.5° | 243.8 | 241.3 | 239.6 | 237.0 | 236.0 | 234.9 | 232.4 | 230.5 | 228.8 | 227.3 | 225.9 |
| 25° | 232.7 | 230.5 | 228.3 | 225.8 | 224.6 | 223.3 | 221.2 | 219.3 | 218.1 | 216.5 | 214.7 |
| 27.5° | 220.0 | 218.2 | 215.4 | 213.3 | 212.1 | 211.1 | 209.1 | 207.4 | 205.7 | 204.6 | 202.9 |
| 30° | 206.5 | 204.5 | 202.0 | 199.7 | 199.1 | 197.8 | 196.1 | 194.7 | 193.0 | 192.3 | 191.5 |
| 32.5° | 191.7 | 189.4 | 187.5 | 186.0 | 184.8 | 183.8 | 182.8 | 180.7 | 180.4 | 178.5 | 178.3 |
| 35° | 175.6 | 174.6 | 172.8 | 171.6 | 170.5 | 169.8 | 168.2 | 167.2 | 166.1 | 165.8 | 165.0 |
| 37.5° | 160.4 | 159.1 | 157.5 | 156.3 | 155.6 | 155.5 | 154.4 | 153.8 | 152.9 | 152.5 | 151.7 |
| 40° | 144.4 | 143.9 | 142.5 | 142.3 | 141.1 | 141.0 | 140.4 | 139.7 | 139.0 | 139.0 | 139.1 |
| 42.5° | 129.8 | 129.1 | 128.5 | 127.8 | 127.2 | 127.2 | 126.9 | 126.6 | 126.4 | 126.1 | 126.6 |
| 45° | 116.0 | 115.2 | 114.8 | 114.0 | 114.3 | 113.7 | 113.5 | 113.5 | 113.2 | 113.1 | 113.8 |
| 47.5° | 103.2 | 102.2 | 101.8 | 101.6 | 101.6 | 101.7 | 100.8 | 101.1 | 101.0 | 101.2 | 101.5 |
| 50° | 91.5 | 90.6 | 90.0 | 90.0 | 90.1 | 89.7 | 89.3 | 89.6 | 89.3 | 89.5 | 90.2 |
| 52.5° | 80.6 | 79.8 | 79.5 | 79.5 | 78.8 | 78.7 | 78.9 | 78.5 | 78.6 | 78.7 | 79.2 |
| 55° | 70.6 | 70.1 | 69.5 | 69.0 | 69.1 | 68.9 | 68.5 | 68.4 | 68.6 | 68.7 | 69.2 |
| 57.5° | 61.6 | 60.8 | 60.1 | 59.9 | 59.7 | 59.7 | 59.2 | 59.1 | 59.3 | 58.8 | 58.8 |
| 60° | 53.0 | 52.6 | 51.6 | 51.3 | 51.3 | 50.8 | 50.4 | 50.6 | 50.1 | 50.0 | 50.1 |
| 62.5° | 45.0 | 44.7 | 44.1 | 43.5 | 43.3 | 43.0 | 42.5 | 42.3 | 42.1 | 41.7 | 41.1 |
| 65° | 38.1 | 37.4 | 36.6 | 36.2 | 35.9 | 35.4 | 35.1 | 34.7 | 34.0 | 33.8 | 33.2 |
| 67.5° | 31.1 | 30.4 | 29.7 | 29.4 | 29.1 | 28.8 | 28.2 | 27.7 | 27.0 | 26.2 | 25.5 |
| 70° | 25.0 | 24.1 | 23.7 | 22.9 | 22.7 | 22.2 | 21.5 | 21.0 | 20.3 | 19.3 | 18.6 |
| 72.5° | 19.1 | 18.5 | 17.9 | 17.2 | 16.7 | 16.3 | 15.7 | 14.9 | 14.1 | 13.6 | 12.8 |
| 75° | 13.8 | 13.5 | 12.6 | 11.8 | 11.6 | 11.2 | 10.5 | 9.9 | 9.3 | 8.5 | 7.9 |
| 77.5° | 9.3 | 8.7 | 8.2 | 7.4 | 7.2 | 6.8 | 6.4 | 5.9 | 5.5 | 5.0 | 4.6 |
| 80° | 5.5 | 5.0 | 4.7 | 4.1 | 3.9 | 3.7 | 3.4 | 3.0 | 2.7 | 2.5 | 2.4 |
| 82.5° | 2.7 | 2.3 | 2.2 | 1.9 | 1.8 | 1.7 | 1.4 | 1.3 | 1.1 | 1.1 | 1.1 |
| 85° | 0.9 | 0.7 | 0.7 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 87.5° | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 |
| 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: P858823

CATALOG NUMBER: LX4C05D010 EX4C059040 4LBLWWH

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 269.0 | 269.0 | 269.0 | 269.0 | 269.0 | 269.0 | 269.0 | 269.0 | 269.0 | 269.0 | 269.0 |
| 2.5° | 268.0 | 267.9 | 267.8 | 267.7 | 267.7 | 267.6 | 267.6 | 267.5 | 267.5 | 267.4 | 267.4 |
| 5° | 266.1 | 265.8 | 265.6 | 265.4 | 265.4 | 265.1 | 264.9 | 264.7 | 264.6 | 264.6 | 264.4 |
| 7.5° | 263.5 | 263.1 | 262.7 | 262.4 | 262.3 | 261.8 | 261.4 | 261.4 | 261.0 | 260.7 | 260.5 |
| 10° | 260.1 | 259.4 | 258.8 | 258.5 | 258.1 | 257.7 | 257.2 | 256.9 | 256.6 | 256.1 | 256.0 |
| 12.5° | 255.5 | 255.0 | 254.0 | 253.6 | 253.4 | 252.8 | 252.0 | 251.5 | 251.4 | 251.0 | 250.7 |
| 15° | 250.2 | 249.1 | 248.2 | 247.7 | 247.7 | 246.7 | 246.3 | 245.6 | 245.2 | 244.9 | 244.8 |
| 17.5° | 243.4 | 242.2 | 241.4 | 240.7 | 240.5 | 239.6 | 239.0 | 238.8 | 238.3 | 238.5 | 238.0 |
| 20° | 234.6 | 233.6 | 233.0 | 232.1 | 232.1 | 231.6 | 231.4 | 230.8 | 230.6 | 230.4 | 230.6 |
| 22.5° | 225.2 | 224.0 | 223.0 | 222.9 | 222.9 | 222.2 | 222.1 | 221.9 | 221.5 | 221.8 | 221.7 |
| 25° | 214.1 | 213.3 | 212.6 | 212.5 | 212.5 | 212.1 | 211.7 | 211.9 | 212.2 | 212.1 | 212.4 |
| 27.5° | 202.6 | 201.8 | 201.6 | 201.5 | 201.3 | 201.1 | 201.4 | 201.4 | 201.7 | 202.1 | 202.5 |
| 30° | 190.2 | 190.0 | 189.7 | 189.6 | 189.4 | 189.9 | 190.1 | 190.4 | 190.3 | 190.9 | 191.3 |
| 32.5° | 177.8 | 177.4 | 177.2 | 177.5 | 177.8 | 177.7 | 178.3 | 178.5 | 178.7 | 179.4 | 179.7 |
| 35° | 165.2 | 165.1 | 164.9 | 164.9 | 165.0 | 165.9 | 165.9 | 166.6 | 167.0 | 167.2 | 168.0 |
| 37.5° | 151.8 | 152.2 | 152.4 | 152.7 | 152.8 | 153.1 | 153.3 | 154.1 | 154.5 | 154.9 | 155.3 |
| 40° | 139.5 | 139.3 | 140.2 | 139.6 | 139.8 | 140.7 | 141.1 | 141.0 | 141.7 | 142.3 | 142.7 |
| 42.5° | 126.3 | 126.6 | 126.9 | 127.1 | 127.6 | 127.7 | 128.2 | 128.9 | 129.1 | 129.9 | 130.1 |
| 45° | 113.6 | 113.7 | 114.1 | 114.5 | 114.9 | 115.7 | 115.9 | 116.2 | 116.8 | 116.8 | 117.1 |
| 47.5° | 101.6 | 102.0 | 102.0 | 102.6 | 103.2 | 103.1 | 103.8 | 104.0 | 103.9 | 104.4 | 104.6 |
| 50° | 90.1 | 90.7 | 90.6 | 91.1 | 91.3 | 91.4 | 92.0 | 92.2 | 91.8 | 92.3 | 92.4 |
| 52.5° | 79.2 | 79.5 | 79.9 | 80.0 | 79.8 | 80.3 | 80.1 | 80.5 | 80.4 | 80.8 | 80.4 |
| 55° | 69.1 | 69.0 | 69.0 | 69.2 | 69.0 | 69.2 | 69.4 | 69.0 | 68.7 | 69.1 | 69.0 |
| 57.5° | 59.1 | 59.1 | 58.9 | 59.2 | 58.9 | 58.6 | 58.5 | 58.2 | 57.8 | 57.8 | 57.7 |
| 60° | 49.7 | 49.5 | 49.0 | 48.9 | 48.9 | 48.4 | 48.2 | 47.8 | 47.8 | 47.4 | 47.0 |
| 62.5° | 40.9 | 40.4 | 40.0 | 40.0 | 39.8 | 39.3 | 38.4 | 37.8 | 37.6 | 36.9 | 36.8 |
| 65° | 32.6 | 32.1 | 31.8 | 31.1 | 30.6 | 30.4 | 29.5 | 28.8 | 28.5 | 27.8 | 27.9 |
| 67.5° | 25.0 | 24.2 | 23.3 | 22.9 | 22.6 | 21.8 | 21.5 | 21.0 | 20.7 | 20.7 | 20.7 |
| 70° | 18.0 | 17.3 | 16.3 | 16.0 | 15.8 | 15.2 | 14.9 | 14.8 | 15.1 | 15.0 | 15.1 |
| 72.5° | 12.1 | 11.4 | 11.0 | 10.8 | 10.6 | 10.2 | 10.5 | 10.6 | 10.3 | 10.5 | 10.6 |
| 75° | 7.3 | 7.1 | 6.8 | 6.7 | 6.7 | 6.8 | 6.7 | 6.7 | 6.8 | 6.8 | 6.9 |
| 77.5° | 4.2 | 4.0 | 4.0 | 3.9 | 4.1 | 4.0 | 4.0 | 4.0 | 4.1 | 4.1 | 4.1 |
| 80° | 2.3 | 2.3 | 2.3 | 2.3 | 2.4 | 2.3 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| 82.5° | 1.1 | 1.1 | 1.1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.1 |
| 85° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 87.5° | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 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: P858823

CATALOG NUMBER: LX4C05D010 EX4C059040 4LBLWWH

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 0° | 269.0 | 269.0 | 269.0 | 269.0 | 269.0 | 269.0 | 269.0 | 269.0 |
| 2.5° | 267.2 | 267.2 | 267.2 | 267.0 | 267.1 | 267.1 | 267.0 | 267.0 |
| 5° | 264.3 | 264.2 | 264.0 | 264.0 | 263.7 | 264.0 | 263.9 | 264.0 |
| 7.5° | 260.3 | 260.3 | 260.0 | 260.0 | 259.9 | 259.8 | 259.7 | 259.8 |
| 10° | 255.7 | 255.7 | 255.5 | 255.4 | 255.5 | 255.1 | 255.1 | 255.0 |
| 12.5° | 250.5 | 250.3 | 250.1 | 250.2 | 250.1 | 249.8 | 249.7 | 249.8 |
| 15° | 244.5 | 244.2 | 244.3 | 244.0 | 244.0 | 243.9 | 244.1 | 244.1 |
| 17.5° | 237.9 | 237.7 | 237.5 | 237.6 | 237.4 | 237.5 | 237.4 | 237.3 |
| 20° | 230.5 | 230.4 | 230.4 | 230.0 | 230.1 | 230.0 | 230.1 | 230.4 |
| 22.5° | 222.1 | 221.9 | 222.1 | 221.7 | 221.9 | 221.9 | 222.3 | 222.3 |
| 25° | 212.7 | 212.6 | 212.8 | 212.9 | 213.0 | 213.4 | 213.0 | 213.2 |
| 27.5° | 202.4 | 202.7 | 203.0 | 203.1 | 203.5 | 203.2 | 203.0 | 203.3 |
| 30° | 191.9 | 191.9 | 191.8 | 192.3 | 192.6 | 192.9 | 192.4 | 192.4 |
| 32.5° | 179.9 | 180.5 | 180.5 | 180.6 | 180.9 | 180.9 | 180.9 | 181.3 |
| 35° | 168.5 | 168.8 | 168.9 | 168.5 | 168.7 | 168.6 | 169.3 | 169.3 |
| 37.5° | 155.6 | 155.6 | 155.7 | 156.4 | 156.4 | 156.1 | 156.3 | 156.3 |
| 40° | 143.4 | 143.5 | 143.1 | 143.3 | 143.8 | 143.6 | 143.8 | 144.0 |
| 42.5° | 130.1 | 130.8 | 130.4 | 130.6 | 130.5 | 130.6 | 130.7 | 130.7 |
| 45° | 117.3 | 117.5 | 117.5 | 117.6 | 117.9 | 118.1 | 117.4 | 117.3 |
| 47.5° | 104.9 | 105.0 | 105.3 | 104.8 | 105.4 | 104.8 | 105.4 | 104.7 |
| 50° | 92.4 | 92.8 | 92.5 | 92.7 | 92.4 | 92.4 | 92.3 | 92.2 |
| 52.5° | 80.5 | 80.4 | 80.4 | 80.3 | 80.3 | 80.5 | 80.3 | 80.6 |
| 55° | 68.6 | 68.7 | 68.5 | 68.4 | 68.3 | 68.6 | 68.3 | 68.1 |
| 57.5° | 57.3 | 57.5 | 57.1 | 57.3 | 56.6 | 56.9 | 57.0 | 57.1 |
| 60° | 46.9 | 46.6 | 46.6 | 46.1 | 46.1 | 46.5 | 46.0 | 46.0 |
| 62.5° | 36.3 | 36.5 | 36.2 | 36.6 | 36.6 | 37.0 | 36.8 | 37.0 |
| 65° | 27.8 | 27.9 | 28.0 | 28.0 | 28.0 | 28.7 | 28.5 | 28.1 |
| 67.5° | 21.0 | 21.1 | 21.2 | 21.1 | 21.4 | 21.2 | 21.2 | 21.3 |
| 70° | 15.2 | 15.3 | 15.4 | 15.4 | 15.3 | 15.4 | 15.4 | 15.4 |
| 72.5° | 10.6 | 10.7 | 10.6 | 10.7 | 10.8 | 10.7 | 10.7 | 10.8 |
| 75° | 6.9 | 6.9 | 6.8 | 6.8 | 6.8 | 6.8 | 6.9 | 6.8 |
| 77.5° | 4.0 | 4.1 | 4.0 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 80° | 2.4 | 2.4 | 2.4 | 2.3 | 2.4 | 2.4 | 2.4 | 2.3 |
| 82.5° | 1.2 | 1.2 | 1.1 | 1.1 | 1.2 | 1.2 | 1.2 | 1.2 |
| 85° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 87.5° | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 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)