

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: CORELITE

Report Number: P395879

Luminaire Tested: **I3-WL-40L93050-1D-UNV-W2A-W-4 (5000K)**

Issue Date: 5/6/2020

Test Information

Test Method: LM-79-08
Report Number: P395879
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2001-656-6)
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: I3-WL-40L93050-1D-UNV-W2A-W-4 (5000K)
Description: CORELITE I3, DOWNLIGHT TRAY
4000 LUMENS, VIVIDTUNE TUNABLE WHITE
Light Source: 3000K/5000K CCT, 90 CRI LEDS, TUNED TO 5000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3553.4 lumens
Efficiency: N/A
Efficacy: 93.0 lumens/watt
Spacing Criteria (0/90/45): 1.2 / 1.2 / 1.32
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 3.92' x H: 0.17')
CIE Type: Semi-Direct

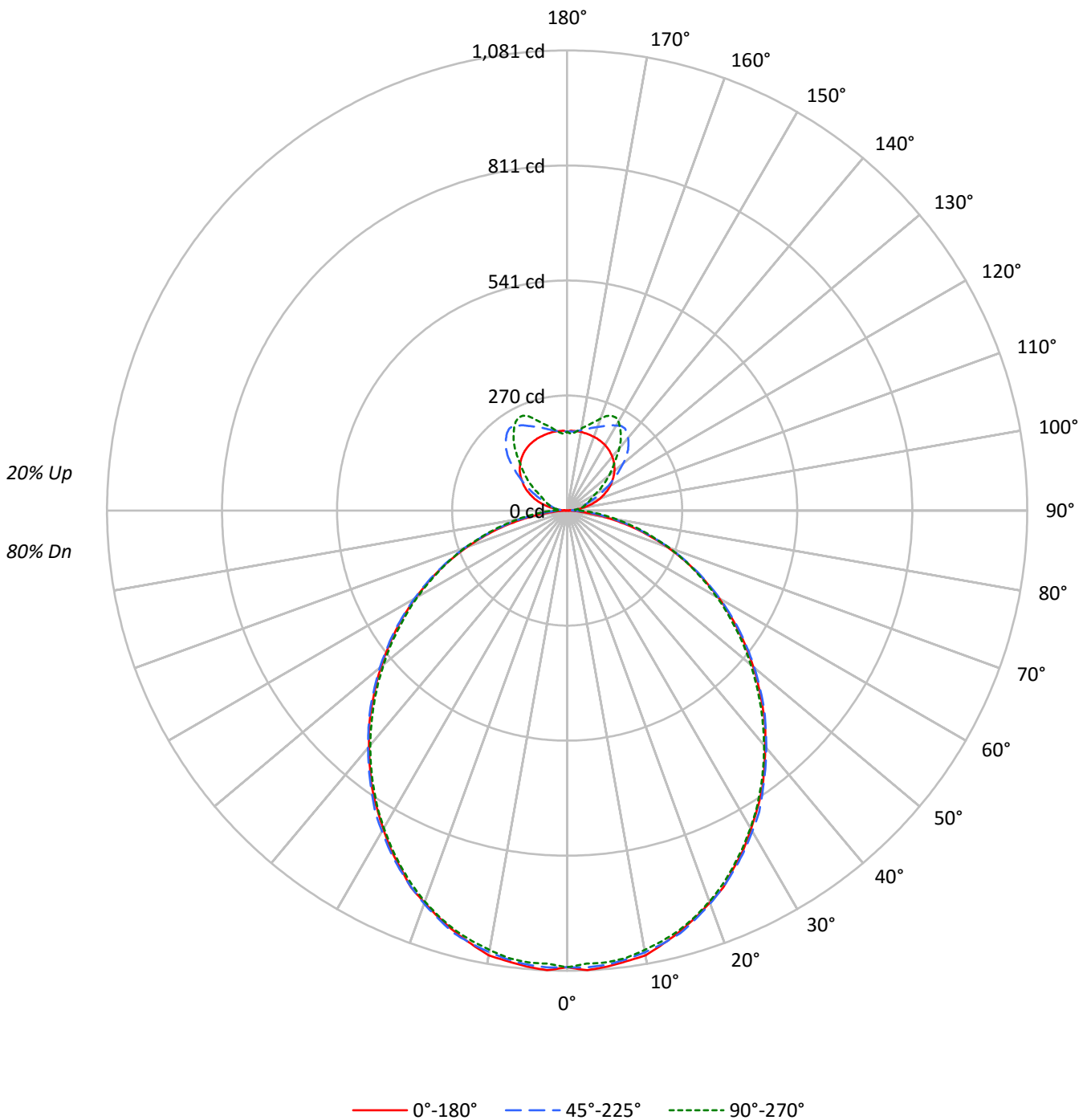
Input Watts (W): 38.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P395879

CATALOG NUMBER: I3-WL-40L93050-1D-UNV-W2A-W-4 (5000K)

Luminous Intensity Polar Plot





TEST NUMBER: P395879

CATALOG NUMBER: I3-WL-40L93050-1D-UNV-W2A-W-4 (5000K)

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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 114 | 114 | 114 | 114 | 109 | 109 | 109 | 109 | 100 | 100 | 100 | 91 | 91 | 91 | 83 | 83 | 83 | 80 |
| 1 | 104 | 100 | 96 | 92 | 99 | 95 | 92 | 88 | 87 | 85 | 82 | 80 | 78 | 76 | 73 | 72 | 70 | 67 |
| 2 | 95 | 87 | 80 | 75 | 90 | 83 | 78 | 73 | 77 | 72 | 68 | 70 | 67 | 63 | 65 | 62 | 59 | 56 |
| 3 | 87 | 77 | 69 | 62 | 82 | 73 | 66 | 61 | 68 | 62 | 57 | 62 | 57 | 53 | 57 | 53 | 50 | 47 |
| 4 | 79 | 68 | 59 | 53 | 75 | 65 | 57 | 52 | 60 | 54 | 49 | 55 | 50 | 46 | 51 | 47 | 43 | 40 |
| 5 | 73 | 61 | 52 | 46 | 69 | 58 | 50 | 44 | 54 | 47 | 42 | 50 | 44 | 40 | 46 | 41 | 38 | 35 |
| 6 | 67 | 55 | 46 | 40 | 64 | 53 | 45 | 39 | 49 | 42 | 37 | 45 | 39 | 35 | 42 | 37 | 33 | 31 |
| 7 | 62 | 49 | 41 | 35 | 59 | 48 | 40 | 34 | 44 | 38 | 33 | 41 | 35 | 31 | 38 | 33 | 30 | 27 |
| 8 | 58 | 45 | 37 | 31 | 55 | 43 | 36 | 31 | 41 | 34 | 29 | 38 | 32 | 28 | 35 | 30 | 26 | 24 |
| 9 | 54 | 41 | 33 | 28 | 52 | 40 | 33 | 27 | 37 | 31 | 26 | 35 | 29 | 25 | 32 | 28 | 24 | 22 |
| 10 | 51 | 38 | 30 | 25 | 49 | 37 | 30 | 25 | 34 | 28 | 24 | 32 | 27 | 23 | 30 | 25 | 22 | 20 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 5896 | 5896 | 5896 |
| 5° | 5911 | 5774 | 5711 |
| 10° | 5877 | 5617 | 5525 |
| 15° | 5759 | 5461 | 5328 |
| 20° | 5645 | 5241 | 5098 |
| 25° | 5510 | 5019 | 4844 |
| 30° | 5352 | 4788 | 4583 |
| 35° | 5203 | 4533 | 4315 |
| 40° | 5016 | 4270 | 4035 |
| 45° | 4837 | 4012 | 3740 |
| 50° | 4645 | 3730 | 3443 |
| 55° | 4443 | 3442 | 3140 |
| 60° | 4218 | 3122 | 2827 |
| 65° | 3958 | 2773 | 2491 |
| 70° | 3590 | 2368 | 2139 |
| 75° | 3093 | 1876 | 1718 |
| 80° | 2361 | 1352 | 1282 |
| 85° | 1230 | 807 | 868 |



TEST NUMBER: P395879

CATALOG NUMBER: I3-WL-40L93050-1D-UNV-W2A-W-4 (5000K)

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 101.4 | 2.9 |
| 10°-20° | 287.4 | 8.1 |
| 20°-30° | 425.6 | 12.0 |
| 30°-40° | 497.4 | 14.0 |
| 40°-50° | 499.7 | 14.1 |
| 50°-60° | 439.1 | 12.4 |
| 60°-70° | 329.0 | 9.3 |
| 70°-80° | 187.1 | 5.3 |
| 80°-90° | 59.1 | 1.7 |
| 90°-100° | 21.3 | 0.6 |
| 100°-110° | 51.9 | 1.5 |
| 110°-120° | 86.2 | 2.4 |
| 120°-130° | 121.0 | 3.4 |
| 130°-140° | 139.4 | 3.9 |
| 140°-150° | 133.1 | 3.7 |
| 150°-160° | 100.1 | 2.8 |
| 160°-170° | 56.7 | 1.6 |
| 170°-180° | 17.9 | 0.5 |
| 0°-30° | 814.4 | 22.9 |
| 0°-40° | 1311.8 | 36.9 |
| 0°-60° | 2250.6 | 63.3 |
| 0°-90° | 2825.8 | 79.5 |
| 90°-120° | 159.4 | 4.5 |
| 90°-150° | 552.9 | 15.6 |
| 90°-180° | 728.0 | 20.5 |
| 0°-180° | 3553.4 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|------|-------|------|-------|------|------|
| 0° | 1073 | 1073 | 1073 | 1073 | 1073 | |
| 5° | 1075 | 1064 | 1071 | 1067 | 1065 | 102 |
| 15° | 1024 | 1014 | 1028 | 1021 | 1020 | 289 |
| 25° | 926 | 924 | 930 | 926 | 923 | 427 |
| 35° | 798 | 792 | 801 | 795 | 793 | 498 |
| 45° | 649 | 648 | 653 | 646 | 642 | 501 |
| 55° | 492 | 494 | 496 | 489 | 484 | 440 |
| 65° | 332 | 333 | 335 | 332 | 328 | 328 |
| 75° | 169 | 172 | 176 | 182 | 182 | 179 |
| 85° | 29 | 38 | 52 | 64 | 66 | 38 |
| 90° | 1 | 5 | 16 | 24 | 28 | 2 |
| 95° | 15 | 15 | 15 | 17 | 18 | 17 |
| 105° | 61 | 52 | 39 | 41 | 42 | 64 |
| 115° | 100 | 124 | 76 | 62 | 61 | 99 |
| 125° | 132 | 182 | 137 | 110 | 102 | 118 |
| 135° | 156 | 198 | 202 | 168 | 156 | 120 |
| 145° | 172 | 196 | 236 | 226 | 220 | 108 |
| 155° | 182 | 192 | 220 | 242 | 246 | 84 |
| 165° | 186 | 189 | 200 | 208 | 210 | 53 |
| 175° | 188 | 186 | 186 | 186 | 183 | 18 |
| 180° | 185 | 185 | 185 | 185 | 185 | |



TEST NUMBER: P395879

CATALOG NUMBER: I3-WL-40L93050-1D-UNV-W2A-W-4 (5000K)

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1072.6 | 1072.6 | 1072.6 | 1072.6 | 1072.6 | 1072.6 | 1072.6 | 1072.6 | 1072.6 | 1072.6 | 1072.6 |
| 2.5° | 1080.7 | 1078.9 | 1074.4 | 1069.9 | 1068.9 | 1068.0 | 1068.0 | 1067.1 | 1067.1 | 1068.9 | 1074.4 |
| 5° | 1075.3 | 1074.4 | 1069.9 | 1065.3 | 1064.4 | 1064.4 | 1063.5 | 1063.5 | 1063.5 | 1065.3 | 1070.8 |
| 7.5° | 1068.0 | 1066.2 | 1061.7 | 1057.2 | 1056.2 | 1056.2 | 1056.2 | 1055.3 | 1056.2 | 1057.2 | 1063.5 |
| 10° | 1060.8 | 1059.9 | 1055.3 | 1049.9 | 1048.1 | 1048.1 | 1047.2 | 1045.4 | 1045.4 | 1047.2 | 1053.5 |
| 12.5° | 1042.6 | 1041.7 | 1037.2 | 1033.6 | 1033.6 | 1034.5 | 1034.5 | 1035.4 | 1035.4 | 1037.2 | 1041.7 |
| 15° | 1023.6 | 1022.7 | 1018.1 | 1014.5 | 1014.5 | 1014.5 | 1013.6 | 1013.6 | 1014.5 | 1019.9 | 1028.1 |
| 17.5° | 1002.7 | 1001.8 | 998.2 | 994.5 | 994.5 | 994.5 | 993.6 | 993.6 | 994.5 | 997.3 | 1005.4 |
| 20° | 980.0 | 979.1 | 975.5 | 971.9 | 971.9 | 971.9 | 970.9 | 971.9 | 971.9 | 975.5 | 982.7 |
| 22.5° | 958.2 | 956.4 | 951.9 | 948.3 | 946.4 | 946.4 | 946.4 | 945.5 | 947.4 | 950.1 | 957.3 |
| 25° | 926.5 | 925.6 | 923.8 | 921.0 | 922.9 | 923.8 | 921.9 | 920.1 | 920.1 | 923.8 | 930.1 |
| 27.5° | 897.4 | 895.6 | 892.9 | 890.2 | 888.4 | 889.3 | 890.2 | 892.0 | 894.7 | 895.6 | 901.1 |
| 30° | 863.9 | 863.0 | 860.2 | 856.6 | 857.5 | 858.4 | 858.4 | 858.4 | 860.2 | 868.4 | 870.2 |
| 32.5° | 831.2 | 830.3 | 827.6 | 823.9 | 824.9 | 825.8 | 824.9 | 825.8 | 827.6 | 831.2 | 839.4 |
| 35° | 798.5 | 796.7 | 794.0 | 793.1 | 792.2 | 792.2 | 792.2 | 793.1 | 794.0 | 796.7 | 801.3 |
| 37.5° | 761.3 | 759.5 | 757.7 | 755.0 | 756.8 | 758.6 | 759.5 | 758.6 | 759.5 | 763.1 | 765.0 |
| 40° | 724.1 | 723.2 | 721.4 | 719.6 | 720.5 | 721.4 | 720.5 | 723.2 | 725.0 | 726.8 | 727.8 |
| 42.5° | 688.7 | 686.9 | 685.1 | 684.2 | 684.2 | 685.1 | 685.1 | 686.9 | 686.9 | 691.5 | 690.6 |
| 45° | 648.8 | 647.9 | 647.0 | 647.0 | 647.9 | 647.9 | 647.9 | 648.8 | 649.7 | 652.4 | 653.3 |
| 47.5° | 609.8 | 608.9 | 608.9 | 608.9 | 608.9 | 609.8 | 610.7 | 613.4 | 611.6 | 612.5 | 613.4 |
| 50° | 570.8 | 569.9 | 569.9 | 569.9 | 571.7 | 571.7 | 573.5 | 574.4 | 575.3 | 573.5 | 574.4 |
| 52.5° | 530.8 | 529.9 | 531.8 | 531.8 | 533.6 | 533.6 | 536.3 | 533.6 | 535.4 | 534.5 | 534.5 |
| 55° | 491.8 | 490.9 | 492.7 | 491.8 | 493.6 | 493.6 | 495.5 | 496.4 | 495.5 | 495.5 | 495.5 |
| 57.5° | 451.9 | 451.0 | 451.9 | 452.8 | 453.7 | 453.7 | 456.4 | 456.4 | 453.7 | 455.5 | 454.6 |
| 60° | 412.0 | 411.1 | 412.0 | 412.9 | 413.8 | 413.8 | 414.7 | 412.9 | 414.7 | 415.6 | 414.7 |
| 62.5° | 372.0 | 371.1 | 373.0 | 372.0 | 373.0 | 373.9 | 373.9 | 376.6 | 375.7 | 375.7 | 374.8 |
| 65° | 332.1 | 331.2 | 331.2 | 331.2 | 332.1 | 333.0 | 333.9 | 334.8 | 334.8 | 335.7 | 334.8 |
| 67.5° | 291.3 | 290.4 | 291.3 | 290.4 | 291.3 | 292.2 | 294.0 | 294.9 | 294.9 | 295.8 | 294.9 |
| 70° | 249.5 | 250.5 | 249.5 | 250.5 | 251.4 | 252.3 | 253.2 | 255.0 | 255.0 | 255.0 | 255.0 |
| 72.5° | 208.7 | 207.8 | 207.8 | 206.9 | 208.7 | 209.6 | 210.5 | 213.2 | 213.2 | 214.2 | 214.2 |
| 75° | 168.8 | 167.0 | 167.9 | 167.0 | 170.6 | 171.5 | 171.5 | 174.2 | 175.1 | 176.9 | 176.0 |
| 77.5° | 129.8 | 129.8 | 127.9 | 130.7 | 131.6 | 133.4 | 135.2 | 137.0 | 137.9 | 140.7 | 140.7 |
| 80° | 92.6 | 92.6 | 91.7 | 93.5 | 97.1 | 98.0 | 100.7 | 101.6 | 104.4 | 106.2 | 107.1 |
| 82.5° | 59.0 | 59.0 | 59.0 | 61.7 | 64.4 | 65.3 | 68.1 | 70.8 | 72.6 | 75.3 | 76.2 |
| 85° | 29.0 | 30.9 | 30.9 | 34.5 | 36.3 | 38.1 | 39.0 | 42.6 | 45.4 | 49.0 | 51.7 |
| 87.5° | 9.1 | 10.0 | 10.9 | 12.7 | 16.3 | 17.2 | 19.1 | 22.7 | 25.4 | 29.0 | 31.8 |
| 90° | 0.9 | 0.9 | 1.8 | 2.7 | 4.5 | 5.4 | 7.3 | 9.1 | 11.8 | 14.5 | 16.3 |
| 92.5° | 6.4 | 6.4 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 8.2 | 9.1 | 10.9 | 11.8 |
| 95° | 15.4 | 24.5 | 14.5 | 13.6 | 15.4 | 15.4 | 16.3 | 15.4 | 15.4 | 15.4 | 15.4 |
| 97.5° | 25.4 | 45.4 | 29.9 | 20.9 | 20.0 | 20.9 | 20.9 | 22.7 | 23.6 | 24.5 | 24.5 |
| 100° | 37.2 | 57.2 | 52.6 | 34.5 | 28.1 | 27.2 | 27.2 | 27.2 | 28.1 | 29.0 | 29.9 |
| 102.5° | 49.0 | 65.3 | 75.3 | 53.5 | 39.9 | 36.3 | 34.5 | 33.6 | 32.7 | 33.6 | 33.6 |
| 105° | 60.8 | 73.5 | 92.6 | 72.6 | 57.2 | 51.7 | 46.3 | 39.9 | 39.0 | 39.0 | 39.0 |
| 107.5° | 71.7 | 81.7 | 105.3 | 94.4 | 74.4 | 69.0 | 62.6 | 52.6 | 46.3 | 45.4 | 44.5 |
| 110° | 81.7 | 89.8 | 114.3 | 112.5 | 93.5 | 85.3 | 79.9 | 69.0 | 59.9 | 53.5 | 50.8 |



TEST NUMBER: P395879

CATALOG NUMBER: I3-WL-40L93050-1D-UNV-W2A-W-4 (5000K)

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 90.7 | 98.0 | 120.7 | 127.9 | 114.3 | 104.4 | 96.2 | 85.3 | 75.3 | 67.1 | 60.8 |
| 115° | 99.8 | 106.2 | 126.1 | 140.7 | 132.5 | 124.3 | 115.2 | 101.6 | 91.7 | 83.5 | 76.2 |
| 117.5° | 108.9 | 114.3 | 131.6 | 149.7 | 147.9 | 142.5 | 135.2 | 118.9 | 107.1 | 98.9 | 90.7 |
| 120° | 117.1 | 122.5 | 137.0 | 156.1 | 161.5 | 157.0 | 152.4 | 137.9 | 123.4 | 114.3 | 107.1 |
| 122.5° | 124.3 | 128.9 | 142.5 | 161.5 | 171.5 | 170.6 | 166.1 | 156.1 | 141.6 | 130.7 | 121.6 |
| 125° | 131.6 | 136.1 | 147.9 | 165.2 | 178.8 | 181.5 | 179.7 | 171.5 | 160.6 | 147.9 | 137.0 |
| 127.5° | 138.8 | 142.5 | 153.4 | 168.8 | 184.2 | 189.7 | 190.6 | 185.1 | 176.9 | 166.1 | 154.3 |
| 130° | 145.2 | 148.8 | 157.9 | 171.5 | 187.8 | 194.2 | 197.8 | 196.9 | 190.6 | 183.3 | 171.5 |
| 132.5° | 150.6 | 153.4 | 162.4 | 174.2 | 189.7 | 196.9 | 202.4 | 206.9 | 202.4 | 196.9 | 188.7 |
| 135° | 156.1 | 158.8 | 166.1 | 176.9 | 190.6 | 197.8 | 205.1 | 212.3 | 213.2 | 208.7 | 202.4 |
| 137.5° | 160.6 | 162.4 | 169.7 | 178.8 | 190.6 | 197.8 | 205.1 | 215.1 | 220.5 | 218.7 | 213.2 |
| 140° | 165.2 | 167.0 | 172.4 | 181.5 | 191.5 | 197.8 | 204.2 | 216.0 | 223.2 | 225.9 | 223.2 |
| 142.5° | 168.8 | 170.6 | 175.1 | 183.3 | 191.5 | 196.9 | 203.3 | 214.2 | 224.1 | 229.6 | 231.4 |
| 145° | 172.4 | 173.3 | 177.9 | 184.2 | 191.5 | 196.0 | 201.4 | 212.3 | 222.3 | 230.5 | 235.9 |
| 147.5° | 175.1 | 176.0 | 178.8 | 185.1 | 191.5 | 195.1 | 199.6 | 208.7 | 218.7 | 227.8 | 235.9 |
| 150° | 177.9 | 177.9 | 180.6 | 185.1 | 191.5 | 194.2 | 197.8 | 206.0 | 214.2 | 223.2 | 230.5 |
| 152.5° | 179.7 | 179.7 | 182.4 | 186.0 | 190.6 | 193.3 | 196.9 | 203.3 | 210.5 | 218.7 | 225.9 |
| 155° | 181.5 | 181.5 | 183.3 | 186.0 | 190.6 | 192.4 | 195.1 | 200.5 | 206.9 | 213.2 | 219.6 |
| 157.5° | 183.3 | 183.3 | 184.2 | 186.9 | 189.7 | 191.5 | 194.2 | 198.7 | 203.3 | 208.7 | 214.2 |
| 160° | 184.2 | 184.2 | 185.1 | 186.9 | 188.7 | 190.6 | 192.4 | 196.0 | 200.5 | 204.2 | 208.7 |
| 162.5° | 185.1 | 185.1 | 186.0 | 186.9 | 188.7 | 189.7 | 190.6 | 194.2 | 196.9 | 200.5 | 204.2 |
| 165° | 186.0 | 186.0 | 186.0 | 186.9 | 187.8 | 188.7 | 189.7 | 191.5 | 194.2 | 196.9 | 199.6 |
| 167.5° | 186.9 | 186.9 | 186.9 | 186.9 | 187.8 | 187.8 | 188.7 | 189.7 | 191.5 | 193.3 | 195.1 |
| 170° | 187.8 | 186.9 | 186.9 | 187.8 | 186.9 | 186.9 | 187.8 | 188.7 | 188.7 | 190.6 | 191.5 |
| 172.5° | 187.8 | 187.8 | 186.9 | 186.9 | 186.9 | 186.9 | 186.9 | 186.9 | 186.9 | 187.8 | 188.7 |
| 175° | 187.8 | 187.8 | 186.9 | 186.9 | 186.9 | 186.0 | 186.0 | 186.0 | 186.0 | 186.0 | 186.0 |
| 177.5° | 187.8 | 187.8 | 186.9 | 186.9 | 186.0 | 186.0 | 186.0 | 186.0 | 186.0 | 186.0 | 186.0 |
| 180° | 185.1 | 185.1 | 185.1 | 185.1 | 185.1 | 185.1 | 185.1 | 185.1 | 185.1 | 185.1 | 185.1 |



TEST NUMBER: P395879

CATALOG NUMBER: I3-WL-40L93050-1D-UNV-W2A-W-4 (5000K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1072.6 | 1072.6 | 1072.6 | 1072.6 | 1072.6 | 1072.6 | 1072.6 | 1072.6 | 1072.6 | 1072.6 |
| 2.5° | 1079.8 | 1075.3 | 1073.5 | 1072.6 | 1071.7 | 1070.8 | 1068.9 | 1067.1 | 1065.3 | 1065.3 |
| 5° | 1075.3 | 1070.8 | 1068.9 | 1068.0 | 1067.1 | 1066.2 | 1065.3 | 1065.3 | 1065.3 | 1065.3 |
| 7.5° | 1068.0 | 1063.5 | 1061.7 | 1060.8 | 1060.8 | 1059.9 | 1059.9 | 1059.9 | 1059.0 | 1059.9 |
| 10° | 1057.2 | 1052.6 | 1051.7 | 1050.8 | 1049.9 | 1048.1 | 1048.1 | 1048.1 | 1047.2 | 1048.1 |
| 12.5° | 1043.5 | 1039.0 | 1038.1 | 1037.2 | 1036.3 | 1035.4 | 1035.4 | 1034.5 | 1034.5 | 1035.4 |
| 15° | 1029.9 | 1023.6 | 1021.8 | 1021.8 | 1020.9 | 1019.9 | 1020.9 | 1019.9 | 1019.9 | 1019.9 |
| 17.5° | 1010.0 | 1007.2 | 1004.5 | 1002.7 | 1001.8 | 1000.9 | 1000.9 | 1000.0 | 1000.0 | 1000.0 |
| 20° | 983.7 | 983.7 | 983.7 | 979.1 | 978.2 | 977.3 | 977.3 | 977.3 | 977.3 | 977.3 |
| 22.5° | 958.2 | 953.7 | 957.3 | 954.6 | 952.8 | 951.0 | 951.9 | 951.9 | 951.9 | 951.9 |
| 25° | 930.1 | 926.5 | 927.4 | 928.3 | 926.5 | 923.8 | 923.8 | 923.8 | 923.8 | 922.9 |
| 27.5° | 900.2 | 897.4 | 896.5 | 897.4 | 899.3 | 897.4 | 894.7 | 892.0 | 892.9 | 892.9 |
| 30° | 867.5 | 866.6 | 865.7 | 863.9 | 865.7 | 866.6 | 862.1 | 861.1 | 861.1 | 861.1 |
| 32.5° | 834.8 | 833.9 | 831.2 | 829.4 | 830.3 | 832.1 | 830.3 | 828.5 | 828.5 | 828.5 |
| 35° | 802.2 | 798.5 | 795.8 | 794.9 | 794.9 | 796.7 | 795.8 | 793.1 | 793.1 | 793.1 |
| 37.5° | 764.1 | 765.0 | 760.4 | 759.5 | 759.5 | 759.5 | 761.3 | 756.8 | 757.7 | 756.8 |
| 40° | 726.8 | 727.8 | 725.0 | 722.3 | 723.2 | 721.4 | 724.1 | 719.6 | 719.6 | 719.6 |
| 42.5° | 689.6 | 687.8 | 688.7 | 683.3 | 684.2 | 684.2 | 685.1 | 682.4 | 681.5 | 680.6 |
| 45° | 651.5 | 649.7 | 648.8 | 646.1 | 646.1 | 645.2 | 645.2 | 641.6 | 641.6 | 641.6 |
| 47.5° | 611.6 | 610.7 | 608.9 | 607.1 | 607.1 | 606.2 | 604.3 | 603.4 | 602.5 | 602.5 |
| 50° | 573.5 | 570.8 | 568.0 | 569.0 | 568.0 | 567.1 | 565.3 | 564.4 | 563.5 | 562.6 |
| 52.5° | 532.7 | 532.7 | 529.0 | 529.0 | 529.0 | 528.1 | 526.3 | 524.5 | 524.5 | 523.6 |
| 55° | 492.7 | 491.8 | 489.1 | 488.2 | 489.1 | 488.2 | 486.4 | 484.6 | 484.6 | 483.7 |
| 57.5° | 452.8 | 451.0 | 450.1 | 450.1 | 449.2 | 449.2 | 446.5 | 444.6 | 445.5 | 444.6 |
| 60° | 412.0 | 412.0 | 411.1 | 410.2 | 410.2 | 409.2 | 406.5 | 406.5 | 406.5 | 405.6 |
| 62.5° | 373.0 | 373.0 | 371.1 | 370.2 | 371.1 | 370.2 | 369.3 | 368.4 | 367.5 | 366.6 |
| 65° | 332.1 | 333.0 | 331.2 | 332.1 | 332.1 | 330.3 | 330.3 | 329.4 | 329.4 | 328.5 |
| 67.5° | 294.0 | 294.0 | 293.1 | 293.1 | 294.0 | 293.1 | 293.1 | 292.2 | 292.2 | 291.3 |
| 70° | 255.0 | 256.8 | 255.9 | 255.9 | 255.9 | 255.0 | 255.0 | 255.0 | 254.1 | 255.0 |
| 72.5° | 216.0 | 216.0 | 216.0 | 216.0 | 216.0 | 216.9 | 216.9 | 216.9 | 216.9 | 216.0 |
| 75° | 179.7 | 180.6 | 179.7 | 180.6 | 181.5 | 181.5 | 181.5 | 181.5 | 182.4 | 181.5 |
| 77.5° | 144.3 | 145.2 | 145.2 | 147.0 | 147.0 | 147.0 | 147.9 | 147.9 | 147.9 | 147.9 |
| 80° | 110.7 | 111.6 | 112.5 | 114.3 | 114.3 | 116.2 | 117.1 | 117.1 | 117.1 | 117.1 |
| 82.5° | 79.9 | 82.6 | 83.5 | 86.2 | 87.1 | 87.1 | 88.9 | 89.8 | 89.8 | 89.8 |
| 85° | 55.4 | 58.1 | 59.9 | 61.7 | 63.5 | 63.5 | 65.3 | 65.3 | 66.2 | 66.2 |
| 87.5° | 34.5 | 37.2 | 39.0 | 41.7 | 42.6 | 43.6 | 44.5 | 45.4 | 46.3 | 46.3 |
| 90° | 19.1 | 20.9 | 22.7 | 24.5 | 24.5 | 25.4 | 26.3 | 27.2 | 28.1 | 28.1 |
| 92.5° | 13.6 | 14.5 | 16.3 | 17.2 | 17.2 | 18.1 | 19.1 | 19.1 | 20.0 | 20.0 |
| 95° | 15.4 | 16.3 | 16.3 | 17.2 | 17.2 | 17.2 | 18.1 | 18.1 | 18.1 | 18.1 |
| 97.5° | 23.6 | 23.6 | 23.6 | 22.7 | 22.7 | 22.7 | 22.7 | 22.7 | 22.7 | 22.7 |
| 100° | 30.9 | 31.8 | 31.8 | 31.8 | 32.7 | 32.7 | 32.7 | 32.7 | 31.8 | 31.8 |
| 102.5° | 34.5 | 35.4 | 36.3 | 37.2 | 37.2 | 37.2 | 38.1 | 38.1 | 38.1 | 38.1 |
| 105° | 39.0 | 39.0 | 39.9 | 40.8 | 40.8 | 40.8 | 41.7 | 41.7 | 41.7 | 41.7 |
| 107.5° | 44.5 | 44.5 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 |
| 110° | 50.8 | 50.8 | 50.8 | 49.9 | 50.8 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 |



TEST NUMBER: P395879

CATALOG NUMBER: I3-WL-40L93050-1D-UNV-W2A-W-4 (5000K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 58.1 | 57.2 | 57.2 | 56.3 | 56.3 | 56.3 | 55.4 | 55.4 | 55.4 | 55.4 |
| 115° | 69.9 | 65.3 | 63.5 | 61.7 | 61.7 | 61.7 | 60.8 | 60.8 | 60.8 | 60.8 |
| 117.5° | 84.4 | 78.0 | 74.4 | 70.8 | 69.9 | 69.0 | 67.1 | 67.1 | 66.2 | 66.2 |
| 120° | 99.8 | 93.5 | 88.0 | 83.5 | 81.7 | 80.8 | 78.0 | 76.2 | 74.4 | 74.4 |
| 122.5° | 114.3 | 108.0 | 102.5 | 98.0 | 96.2 | 94.4 | 91.7 | 89.8 | 88.0 | 88.0 |
| 125° | 128.9 | 122.5 | 117.1 | 112.5 | 109.8 | 108.0 | 105.3 | 103.4 | 101.6 | 101.6 |
| 127.5° | 144.3 | 136.1 | 130.7 | 126.1 | 123.4 | 122.5 | 118.9 | 117.1 | 115.2 | 115.2 |
| 130° | 161.5 | 151.5 | 144.3 | 138.8 | 137.0 | 135.2 | 132.5 | 130.7 | 128.9 | 128.9 |
| 132.5° | 178.8 | 168.8 | 160.6 | 153.4 | 150.6 | 148.8 | 145.2 | 143.4 | 141.6 | 141.6 |
| 135° | 195.1 | 186.0 | 177.9 | 170.6 | 167.9 | 165.2 | 161.5 | 157.9 | 156.1 | 156.1 |
| 137.5° | 207.8 | 201.4 | 194.2 | 187.8 | 185.1 | 182.4 | 178.8 | 175.1 | 172.4 | 173.3 |
| 140° | 218.7 | 213.2 | 208.7 | 204.2 | 201.4 | 199.6 | 196.0 | 193.3 | 190.6 | 190.6 |
| 142.5° | 228.7 | 224.1 | 219.6 | 216.0 | 215.1 | 214.2 | 211.4 | 208.7 | 206.9 | 206.9 |
| 145° | 237.7 | 235.0 | 231.4 | 226.9 | 225.9 | 225.0 | 222.3 | 220.5 | 219.6 | 219.6 |
| 147.5° | 240.5 | 241.4 | 240.5 | 237.7 | 236.8 | 235.9 | 234.1 | 232.3 | 231.4 | 231.4 |
| 150° | 238.7 | 242.3 | 244.1 | 244.1 | 244.1 | 244.1 | 244.1 | 242.3 | 241.4 | 241.4 |
| 152.5° | 233.2 | 238.7 | 242.3 | 245.0 | 245.9 | 246.8 | 246.8 | 247.7 | 246.8 | 246.8 |
| 155° | 226.9 | 232.3 | 237.7 | 240.5 | 242.3 | 243.2 | 245.0 | 245.9 | 246.8 | 245.9 |
| 157.5° | 219.6 | 224.1 | 227.8 | 233.2 | 235.0 | 236.8 | 238.7 | 240.5 | 241.4 | 240.5 |
| 160° | 213.2 | 216.9 | 219.6 | 223.2 | 224.1 | 225.9 | 227.8 | 228.7 | 230.5 | 229.6 |
| 162.5° | 206.9 | 209.6 | 212.3 | 214.2 | 216.0 | 216.9 | 218.7 | 219.6 | 220.5 | 219.6 |
| 165° | 202.4 | 204.2 | 205.1 | 206.9 | 207.8 | 208.7 | 209.6 | 210.5 | 210.5 | 210.5 |
| 167.5° | 196.9 | 198.7 | 199.6 | 200.5 | 201.4 | 202.4 | 202.4 | 203.3 | 203.3 | 203.3 |
| 170° | 192.4 | 193.3 | 194.2 | 195.1 | 195.1 | 196.0 | 196.0 | 196.0 | 196.9 | 196.0 |
| 172.5° | 188.7 | 188.7 | 188.7 | 189.7 | 189.7 | 189.7 | 189.7 | 189.7 | 189.7 | 188.7 |
| 175° | 186.9 | 186.9 | 186.0 | 186.0 | 186.0 | 186.0 | 186.0 | 185.1 | 184.2 | 183.3 |
| 177.5° | 186.0 | 185.1 | 185.1 | 184.2 | 184.2 | 184.2 | 183.3 | 182.4 | 181.5 | 180.6 |
| 180° | 185.1 | 185.1 | 185.1 | 185.1 | 185.1 | 185.1 | 185.1 | 185.1 | 185.1 | 185.1 |

(END OF REPORT)