

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: P395903

Luminaire Tested: **I3-WL-50L93050-1D-UNV-W2A-W-4 (4000K)**

Issue Date: 5/6/2020

Test Information

Test Method: LM-79-08
Report Number: P395903
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-50L93050-1D-UNV-W2A-W-4 (4000K)
Description: CORELITE I3, DOWNLIGHT TRAY
5000 LUMENS, VIVIDTUNE TUNABLE WHITE
Light Source: 3000K/5000K CCT, 90 CRI LEDS, TUNED TO 4000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4418.4 lumens
Efficiency: N/A
Efficacy: 85.0 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

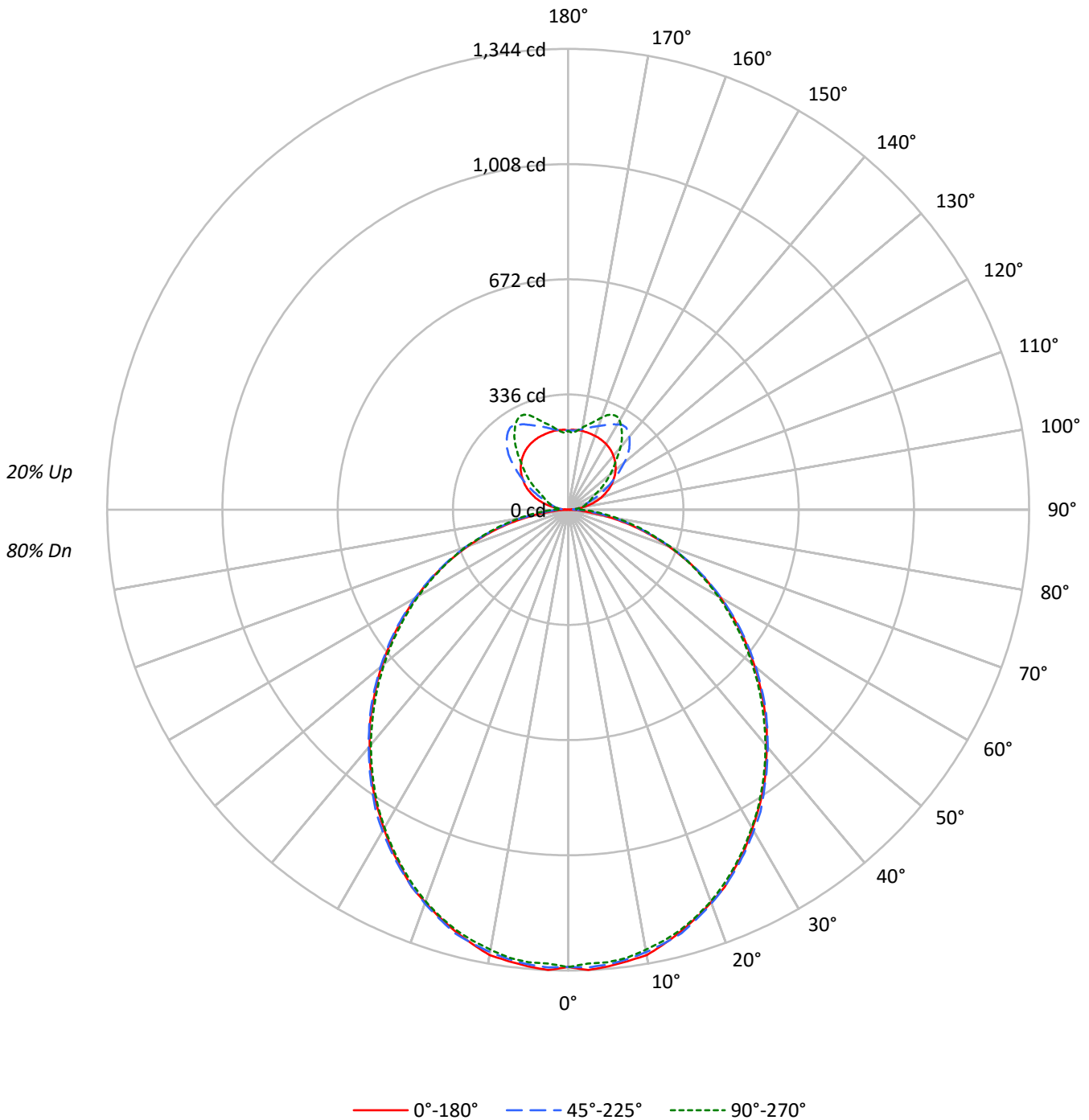
Input Watts (W): 52
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P395903

CATALOG NUMBER: I3-WL-50L93050-1D-UNV-W2A-W-4 (4000K)

Luminous Intensity Polar Plot





TEST NUMBER: P395903

CATALOG NUMBER: I3-WL-50L93050-1D-UNV-W2A-W-4 (4000K)

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° | 7331 | 7331 | 7331 |
| 5° | 7350 | 7179 | 7102 |
| 10° | 7307 | 6984 | 6870 |
| 15° | 7161 | 6791 | 6625 |
| 20° | 7019 | 6517 | 6339 |
| 25° | 6851 | 6240 | 6023 |
| 30° | 6654 | 5954 | 5699 |
| 35° | 6470 | 5636 | 5365 |
| 40° | 6238 | 5309 | 5017 |
| 45° | 6015 | 4989 | 4650 |
| 50° | 5776 | 4638 | 4281 |
| 55° | 5525 | 4280 | 3904 |
| 60° | 5245 | 3881 | 3515 |
| 65° | 4922 | 3449 | 3098 |
| 70° | 4465 | 2945 | 2660 |
| 75° | 3847 | 2334 | 2136 |
| 80° | 2935 | 1680 | 1594 |
| 85° | 1532 | 1004 | 1080 |



TEST NUMBER: P395903

CATALOG NUMBER: I3-WL-50L93050-1D-UNV-W2A-W-4 (4000K)

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 126.0 | 2.9 |
| 10°-20° | 357.4 | 8.1 |
| 20°-30° | 529.2 | 12.0 |
| 30°-40° | 618.5 | 14.0 |
| 40°-50° | 621.3 | 14.1 |
| 50°-60° | 546.0 | 12.4 |
| 60°-70° | 409.1 | 9.3 |
| 70°-80° | 232.7 | 5.3 |
| 80°-90° | 73.5 | 1.7 |
| 90°-100° | 26.5 | 0.6 |
| 100°-110° | 64.5 | 1.5 |
| 110°-120° | 107.2 | 2.4 |
| 120°-130° | 150.4 | 3.4 |
| 130°-140° | 173.4 | 3.9 |
| 140°-150° | 165.5 | 3.7 |
| 150°-160° | 124.5 | 2.8 |
| 160°-170° | 70.4 | 1.6 |
| 170°-180° | 22.3 | 0.5 |
| 0°-30° | 1012.6 | 22.9 |
| 0°-40° | 1631.1 | 36.9 |
| 0°-60° | 2798.4 | 63.3 |
| 0°-90° | 3513.7 | 79.5 |
| 90°-120° | 198.2 | 4.5 |
| 90°-150° | 687.5 | 15.6 |
| 90°-180° | 905.0 | 20.5 |
| 0°-180° | 4418.4 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|------|-------|------|-------|------|------|
| 0° | 1334 | 1334 | 1334 | 1334 | 1334 | |
| 5° | 1337 | 1324 | 1331 | 1327 | 1325 | 127 |
| 15° | 1273 | 1262 | 1278 | 1269 | 1268 | 359 |
| 25° | 1152 | 1149 | 1156 | 1152 | 1148 | 531 |
| 35° | 993 | 985 | 996 | 988 | 986 | 620 |
| 45° | 807 | 806 | 812 | 803 | 798 | 623 |
| 55° | 612 | 614 | 616 | 608 | 601 | 547 |
| 65° | 413 | 414 | 416 | 413 | 408 | 408 |
| 75° | 210 | 213 | 219 | 226 | 226 | 222 |
| 85° | 36 | 47 | 64 | 79 | 82 | 47 |
| 90° | 1 | 7 | 20 | 30 | 35 | 3 |
| 95° | 19 | 19 | 19 | 21 | 23 | 21 |
| 105° | 76 | 64 | 48 | 51 | 52 | 79 |
| 115° | 124 | 155 | 95 | 77 | 76 | 123 |
| 125° | 164 | 226 | 170 | 136 | 126 | 146 |
| 135° | 194 | 246 | 252 | 209 | 194 | 150 |
| 145° | 214 | 244 | 293 | 281 | 273 | 134 |
| 155° | 226 | 239 | 273 | 301 | 306 | 104 |
| 165° | 231 | 235 | 248 | 258 | 262 | 66 |
| 175° | 234 | 231 | 231 | 231 | 228 | 22 |
| 180° | 230 | 230 | 230 | 230 | 230 | |



TEST NUMBER: P395903

CATALOG NUMBER: I3-WL-50L93050-1D-UNV-W2A-W-4 (4000K)

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1333.7 | 1333.7 | 1333.7 | 1333.7 | 1333.7 | 1333.7 | 1333.7 | 1333.7 | 1333.7 | 1333.7 | 1333.7 |
| 2.5° | 1343.8 | 1341.6 | 1335.9 | 1330.3 | 1329.2 | 1328.0 | 1328.0 | 1326.9 | 1326.9 | 1329.2 | 1335.9 |
| 5° | 1337.1 | 1335.9 | 1330.3 | 1324.7 | 1323.5 | 1323.5 | 1322.4 | 1322.4 | 1322.4 | 1324.7 | 1331.4 |
| 7.5° | 1328.0 | 1325.8 | 1320.1 | 1314.5 | 1313.4 | 1313.4 | 1313.4 | 1312.2 | 1313.4 | 1314.5 | 1322.4 |
| 10° | 1319.0 | 1317.9 | 1312.2 | 1305.5 | 1303.2 | 1303.2 | 1302.1 | 1299.8 | 1299.8 | 1302.1 | 1310.0 |
| 12.5° | 1296.4 | 1295.3 | 1289.7 | 1285.2 | 1285.2 | 1286.3 | 1286.3 | 1287.4 | 1287.4 | 1289.7 | 1295.3 |
| 15° | 1272.8 | 1271.6 | 1266.0 | 1261.5 | 1261.5 | 1261.5 | 1260.3 | 1260.3 | 1261.5 | 1268.2 | 1278.4 |
| 17.5° | 1246.8 | 1245.7 | 1241.2 | 1236.6 | 1236.6 | 1236.6 | 1235.5 | 1235.5 | 1236.6 | 1240.0 | 1250.2 |
| 20° | 1218.6 | 1217.5 | 1212.9 | 1208.4 | 1208.4 | 1208.4 | 1207.3 | 1208.4 | 1208.4 | 1212.9 | 1222.0 |
| 22.5° | 1191.5 | 1189.3 | 1183.6 | 1179.1 | 1176.8 | 1176.8 | 1176.8 | 1175.7 | 1178.0 | 1181.4 | 1190.4 |
| 25° | 1152.0 | 1150.9 | 1148.6 | 1145.2 | 1147.5 | 1148.6 | 1146.4 | 1144.1 | 1144.1 | 1148.6 | 1156.5 |
| 27.5° | 1115.9 | 1113.7 | 1110.3 | 1106.9 | 1104.6 | 1105.8 | 1106.9 | 1109.1 | 1112.5 | 1113.7 | 1120.4 |
| 30° | 1074.2 | 1073.0 | 1069.7 | 1065.1 | 1066.3 | 1067.4 | 1067.4 | 1067.4 | 1069.7 | 1079.8 | 1082.1 |
| 32.5° | 1033.5 | 1032.4 | 1029.0 | 1024.5 | 1025.6 | 1026.8 | 1025.6 | 1026.8 | 1029.0 | 1033.5 | 1043.7 |
| 35° | 992.9 | 990.7 | 987.3 | 986.2 | 985.0 | 985.0 | 985.0 | 986.2 | 987.3 | 990.7 | 996.3 |
| 37.5° | 946.7 | 944.4 | 942.2 | 938.8 | 941.0 | 943.3 | 944.4 | 943.3 | 944.4 | 948.9 | 951.2 |
| 40° | 900.4 | 899.3 | 897.0 | 894.8 | 895.9 | 897.0 | 895.9 | 899.3 | 901.5 | 903.8 | 904.9 |
| 42.5° | 856.4 | 854.1 | 851.9 | 850.8 | 850.8 | 851.9 | 851.9 | 854.1 | 854.1 | 859.8 | 858.7 |
| 45° | 806.8 | 805.6 | 804.5 | 804.5 | 805.6 | 805.6 | 805.6 | 806.8 | 807.9 | 811.3 | 812.4 |
| 47.5° | 758.2 | 757.1 | 757.1 | 757.1 | 757.1 | 758.2 | 759.4 | 762.7 | 760.5 | 761.6 | 762.7 |
| 50° | 709.7 | 708.6 | 708.6 | 708.6 | 710.8 | 710.8 | 713.1 | 714.2 | 715.4 | 713.1 | 714.2 |
| 52.5° | 660.1 | 658.9 | 661.2 | 661.2 | 663.5 | 663.5 | 666.8 | 663.5 | 665.7 | 664.6 | 664.6 |
| 55° | 611.6 | 610.4 | 612.7 | 611.6 | 613.8 | 613.8 | 616.1 | 617.2 | 616.1 | 616.1 | 616.1 |
| 57.5° | 561.9 | 560.8 | 561.9 | 563.0 | 564.2 | 564.2 | 567.5 | 567.5 | 564.2 | 566.4 | 565.3 |
| 60° | 512.3 | 511.1 | 512.3 | 513.4 | 514.5 | 514.5 | 515.6 | 513.4 | 515.6 | 516.8 | 515.6 |
| 62.5° | 462.6 | 461.5 | 463.7 | 462.6 | 463.7 | 464.9 | 464.9 | 468.3 | 467.1 | 467.1 | 466.0 |
| 65° | 413.0 | 411.8 | 411.8 | 411.8 | 413.0 | 414.1 | 415.2 | 416.4 | 416.4 | 417.5 | 416.4 |
| 67.5° | 362.2 | 361.1 | 362.2 | 361.1 | 362.2 | 363.3 | 365.6 | 366.7 | 366.7 | 367.8 | 366.7 |
| 70° | 310.3 | 311.4 | 310.3 | 311.4 | 312.5 | 313.7 | 314.8 | 317.1 | 317.1 | 317.1 | 317.1 |
| 72.5° | 259.5 | 258.4 | 258.4 | 257.3 | 259.5 | 260.6 | 261.8 | 265.2 | 265.2 | 266.3 | 266.3 |
| 75° | 209.9 | 207.6 | 208.7 | 207.6 | 212.1 | 213.3 | 213.3 | 216.6 | 217.8 | 220.0 | 218.9 |
| 77.5° | 161.4 | 161.4 | 159.1 | 162.5 | 163.6 | 165.9 | 168.1 | 170.4 | 171.5 | 174.9 | 174.9 |
| 80° | 115.1 | 115.1 | 114.0 | 116.2 | 120.7 | 121.9 | 125.2 | 126.4 | 129.8 | 132.0 | 133.1 |
| 82.5° | 73.3 | 73.3 | 73.3 | 76.7 | 80.1 | 81.2 | 84.6 | 88.0 | 90.3 | 93.7 | 94.8 |
| 85° | 36.1 | 38.4 | 38.4 | 42.9 | 45.1 | 47.4 | 48.5 | 53.0 | 56.4 | 60.9 | 64.3 |
| 87.5° | 11.3 | 12.4 | 13.5 | 15.8 | 20.3 | 21.4 | 23.7 | 28.2 | 31.6 | 36.1 | 39.5 |
| 90° | 1.1 | 1.1 | 2.3 | 3.4 | 5.6 | 6.8 | 9.0 | 11.3 | 14.7 | 18.1 | 20.3 |
| 92.5° | 7.9 | 7.9 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 10.2 | 11.3 | 13.5 | 14.7 |
| 95° | 19.2 | 30.5 | 18.1 | 16.9 | 19.2 | 19.2 | 20.3 | 19.2 | 19.2 | 19.2 | 19.2 |
| 97.5° | 31.6 | 56.4 | 37.2 | 26.0 | 24.8 | 26.0 | 26.0 | 28.2 | 29.3 | 30.5 | 30.5 |
| 100° | 46.3 | 71.1 | 65.4 | 42.9 | 35.0 | 33.8 | 33.8 | 33.8 | 35.0 | 36.1 | 37.2 |
| 102.5° | 60.9 | 81.2 | 93.7 | 66.6 | 49.6 | 45.1 | 42.9 | 41.7 | 40.6 | 41.7 | 41.7 |
| 105° | 75.6 | 91.4 | 115.1 | 90.3 | 71.1 | 64.3 | 57.5 | 49.6 | 48.5 | 48.5 | 48.5 |
| 107.5° | 89.1 | 101.5 | 130.9 | 117.3 | 92.5 | 85.8 | 77.9 | 65.4 | 57.5 | 56.4 | 55.3 |
| 110° | 101.5 | 111.7 | 142.2 | 139.9 | 116.2 | 106.1 | 99.3 | 85.8 | 74.5 | 66.6 | 63.2 |



TEST NUMBER: P395903

CATALOG NUMBER: I3-WL-50L93050-1D-UNV-W2A-W-4 (4000K)

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 112.8 | 121.9 | 150.1 | 159.1 | 142.2 | 129.8 | 119.6 | 106.1 | 93.7 | 83.5 | 75.6 |
| 115° | 124.1 | 132.0 | 156.8 | 174.9 | 164.7 | 154.6 | 143.3 | 126.4 | 114.0 | 103.8 | 94.8 |
| 117.5° | 135.4 | 142.2 | 163.6 | 186.2 | 183.9 | 177.1 | 168.1 | 147.8 | 133.1 | 123.0 | 112.8 |
| 120° | 145.6 | 152.3 | 170.4 | 194.1 | 200.8 | 195.2 | 189.6 | 171.5 | 153.5 | 142.2 | 133.1 |
| 122.5° | 154.6 | 160.2 | 177.1 | 200.8 | 213.3 | 212.1 | 206.5 | 194.1 | 176.0 | 162.5 | 151.2 |
| 125° | 163.6 | 169.2 | 183.9 | 205.4 | 222.3 | 225.7 | 223.4 | 213.3 | 199.7 | 183.9 | 170.4 |
| 127.5° | 172.6 | 177.1 | 190.7 | 209.9 | 229.0 | 235.8 | 236.9 | 230.2 | 220.0 | 206.5 | 191.8 |
| 130° | 180.5 | 185.0 | 196.3 | 213.3 | 233.6 | 241.5 | 246.0 | 244.8 | 236.9 | 227.9 | 213.3 |
| 132.5° | 187.3 | 190.7 | 202.0 | 216.6 | 235.8 | 244.8 | 251.6 | 257.3 | 251.6 | 244.8 | 234.7 |
| 135° | 194.1 | 197.5 | 206.5 | 220.0 | 236.9 | 246.0 | 255.0 | 264.0 | 265.2 | 259.5 | 251.6 |
| 137.5° | 199.7 | 202.0 | 211.0 | 222.3 | 236.9 | 246.0 | 255.0 | 267.4 | 274.2 | 271.9 | 265.2 |
| 140° | 205.4 | 207.6 | 214.4 | 225.7 | 238.1 | 246.0 | 253.9 | 268.5 | 277.6 | 281.0 | 277.6 |
| 142.5° | 209.9 | 212.1 | 217.8 | 227.9 | 238.1 | 244.8 | 252.7 | 266.3 | 278.7 | 285.5 | 287.7 |
| 145° | 214.4 | 215.5 | 221.2 | 229.0 | 238.1 | 243.7 | 250.5 | 264.0 | 276.4 | 286.6 | 293.4 |
| 147.5° | 217.8 | 218.9 | 222.3 | 230.2 | 238.1 | 242.6 | 248.2 | 259.5 | 271.9 | 283.2 | 293.4 |
| 150° | 221.2 | 221.2 | 224.5 | 230.2 | 238.1 | 241.5 | 246.0 | 256.1 | 266.3 | 277.6 | 286.6 |
| 152.5° | 223.4 | 223.4 | 226.8 | 231.3 | 236.9 | 240.3 | 244.8 | 252.7 | 261.8 | 271.9 | 281.0 |
| 155° | 225.7 | 225.7 | 227.9 | 231.3 | 236.9 | 239.2 | 242.6 | 249.4 | 257.3 | 265.2 | 273.1 |
| 157.5° | 227.9 | 227.9 | 229.0 | 232.4 | 235.8 | 238.1 | 241.5 | 247.1 | 252.7 | 259.5 | 266.3 |
| 160° | 229.0 | 229.0 | 230.2 | 232.4 | 234.7 | 236.9 | 239.2 | 243.7 | 249.4 | 253.9 | 259.5 |
| 162.5° | 230.2 | 230.2 | 231.3 | 232.4 | 234.7 | 235.8 | 236.9 | 241.5 | 244.8 | 249.4 | 253.9 |
| 165° | 231.3 | 231.3 | 231.3 | 232.4 | 233.6 | 234.7 | 235.8 | 238.1 | 241.5 | 244.8 | 248.2 |
| 167.5° | 232.4 | 232.4 | 232.4 | 232.4 | 233.6 | 233.6 | 234.7 | 235.8 | 238.1 | 240.3 | 242.6 |
| 170° | 233.6 | 232.4 | 232.4 | 233.6 | 232.4 | 232.4 | 233.6 | 234.7 | 234.7 | 236.9 | 238.1 |
| 172.5° | 233.6 | 233.6 | 232.4 | 232.4 | 232.4 | 232.4 | 232.4 | 232.4 | 232.4 | 233.6 | 234.7 |
| 175° | 233.6 | 233.6 | 232.4 | 232.4 | 232.4 | 231.3 | 231.3 | 231.3 | 231.3 | 231.3 | 231.3 |
| 177.5° | 233.6 | 233.6 | 232.4 | 232.4 | 231.3 | 231.3 | 231.3 | 231.3 | 231.3 | 231.3 | 231.3 |
| 180° | 230.2 | 230.2 | 230.2 | 230.2 | 230.2 | 230.2 | 230.2 | 230.2 | 230.2 | 230.2 | 230.2 |



TEST NUMBER: P395903

CATALOG NUMBER: I3-WL-50L93050-1D-UNV-W2A-W-4 (4000K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1333.7 | 1333.7 | 1333.7 | 1333.7 | 1333.7 | 1333.7 | 1333.7 | 1333.7 | 1333.7 | 1333.7 |
| 2.5° | 1342.7 | 1337.1 | 1334.8 | 1333.7 | 1332.6 | 1331.4 | 1329.2 | 1326.9 | 1324.7 | 1324.7 |
| 5° | 1337.1 | 1331.4 | 1329.2 | 1328.0 | 1326.9 | 1325.8 | 1324.7 | 1324.7 | 1324.7 | 1324.7 |
| 7.5° | 1328.0 | 1322.4 | 1320.1 | 1319.0 | 1319.0 | 1317.9 | 1317.9 | 1317.9 | 1316.8 | 1317.9 |
| 10° | 1314.5 | 1308.9 | 1307.7 | 1306.6 | 1305.5 | 1303.2 | 1303.2 | 1303.2 | 1302.1 | 1303.2 |
| 12.5° | 1297.6 | 1291.9 | 1290.8 | 1289.7 | 1288.5 | 1287.4 | 1287.4 | 1286.3 | 1286.3 | 1287.4 |
| 15° | 1280.6 | 1272.8 | 1270.5 | 1270.5 | 1269.4 | 1268.2 | 1269.4 | 1268.2 | 1268.2 | 1268.2 |
| 17.5° | 1255.8 | 1252.4 | 1249.1 | 1246.8 | 1245.7 | 1244.5 | 1244.5 | 1243.4 | 1243.4 | 1243.4 |
| 20° | 1223.1 | 1223.1 | 1223.1 | 1217.5 | 1216.3 | 1215.2 | 1215.2 | 1215.2 | 1215.2 | 1215.2 |
| 22.5° | 1191.5 | 1185.9 | 1190.4 | 1187.0 | 1184.7 | 1182.5 | 1183.6 | 1183.6 | 1183.6 | 1183.6 |
| 25° | 1156.5 | 1152.0 | 1153.1 | 1154.3 | 1152.0 | 1148.6 | 1148.6 | 1148.6 | 1148.6 | 1147.5 |
| 27.5° | 1119.3 | 1115.9 | 1114.8 | 1115.9 | 1118.2 | 1115.9 | 1112.5 | 1109.1 | 1110.3 | 1110.3 |
| 30° | 1078.7 | 1077.6 | 1076.4 | 1074.2 | 1076.4 | 1077.6 | 1071.9 | 1070.8 | 1070.8 | 1070.8 |
| 32.5° | 1038.1 | 1036.9 | 1033.5 | 1031.3 | 1032.4 | 1034.7 | 1032.4 | 1030.2 | 1030.2 | 1030.2 |
| 35° | 997.4 | 992.9 | 989.5 | 988.4 | 988.4 | 990.7 | 989.5 | 986.2 | 986.2 | 986.2 |
| 37.5° | 950.0 | 951.2 | 945.5 | 944.4 | 944.4 | 944.4 | 946.7 | 941.0 | 942.2 | 941.0 |
| 40° | 903.8 | 904.9 | 901.5 | 898.1 | 899.3 | 897.0 | 900.4 | 894.8 | 894.8 | 894.8 |
| 42.5° | 857.5 | 855.3 | 856.4 | 849.6 | 850.8 | 850.8 | 851.9 | 848.5 | 847.4 | 846.2 |
| 45° | 810.1 | 807.9 | 806.8 | 803.4 | 803.4 | 802.2 | 802.2 | 797.7 | 797.7 | 797.7 |
| 47.5° | 760.5 | 759.4 | 757.1 | 754.8 | 754.8 | 753.7 | 751.5 | 750.3 | 749.2 | 749.2 |
| 50° | 713.1 | 709.7 | 706.3 | 707.5 | 706.3 | 705.2 | 702.9 | 701.8 | 700.7 | 699.6 |
| 52.5° | 662.3 | 662.3 | 657.8 | 657.8 | 657.8 | 656.7 | 654.4 | 652.2 | 652.2 | 651.0 |
| 55° | 612.7 | 611.6 | 608.2 | 607.0 | 608.2 | 607.0 | 604.8 | 602.5 | 602.5 | 601.4 |
| 57.5° | 563.0 | 560.8 | 559.6 | 559.6 | 558.5 | 558.5 | 555.1 | 552.9 | 554.0 | 552.9 |
| 60° | 512.3 | 512.3 | 511.1 | 510.0 | 510.0 | 508.9 | 505.5 | 505.5 | 505.5 | 504.4 |
| 62.5° | 463.7 | 463.7 | 461.5 | 460.4 | 461.5 | 460.4 | 459.2 | 458.1 | 457.0 | 455.8 |
| 65° | 413.0 | 414.1 | 411.8 | 413.0 | 413.0 | 410.7 | 410.7 | 409.6 | 409.6 | 408.5 |
| 67.5° | 365.6 | 365.6 | 364.4 | 364.4 | 365.6 | 364.4 | 364.4 | 363.3 | 363.3 | 362.2 |
| 70° | 317.1 | 319.3 | 318.2 | 318.2 | 318.2 | 317.1 | 317.1 | 317.1 | 315.9 | 317.1 |
| 72.5° | 268.5 | 268.5 | 268.5 | 268.5 | 268.5 | 269.7 | 269.7 | 269.7 | 269.7 | 268.5 |
| 75° | 223.4 | 224.5 | 223.4 | 224.5 | 225.7 | 225.7 | 225.7 | 225.7 | 226.8 | 225.7 |
| 77.5° | 179.4 | 180.5 | 180.5 | 182.8 | 182.8 | 182.8 | 183.9 | 183.9 | 183.9 | 183.9 |
| 80° | 137.7 | 138.8 | 139.9 | 142.2 | 142.2 | 144.4 | 145.6 | 145.6 | 145.6 | 145.6 |
| 82.5° | 99.3 | 102.7 | 103.8 | 107.2 | 108.3 | 108.3 | 110.6 | 111.7 | 111.7 | 111.7 |
| 85° | 68.8 | 72.2 | 74.5 | 76.7 | 79.0 | 79.0 | 81.2 | 81.2 | 82.4 | 82.4 |
| 87.5° | 42.9 | 46.3 | 48.5 | 51.9 | 53.0 | 54.2 | 55.3 | 56.4 | 57.5 | 57.5 |
| 90° | 23.7 | 26.0 | 28.2 | 30.5 | 30.5 | 31.6 | 32.7 | 33.8 | 35.0 | 35.0 |
| 92.5° | 16.9 | 18.1 | 20.3 | 21.4 | 21.4 | 22.6 | 23.7 | 23.7 | 24.8 | 24.8 |
| 95° | 19.2 | 20.3 | 20.3 | 21.4 | 21.4 | 21.4 | 22.6 | 22.6 | 22.6 | 22.6 |
| 97.5° | 29.3 | 29.3 | 29.3 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 |
| 100° | 38.4 | 39.5 | 39.5 | 39.5 | 40.6 | 40.6 | 40.6 | 40.6 | 39.5 | 39.5 |
| 102.5° | 42.9 | 44.0 | 45.1 | 46.3 | 46.3 | 46.3 | 47.4 | 47.4 | 47.4 | 47.4 |
| 105° | 48.5 | 48.5 | 49.6 | 50.8 | 50.8 | 50.8 | 51.9 | 51.9 | 51.9 | 51.9 |
| 107.5° | 55.3 | 55.3 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 |
| 110° | 63.2 | 63.2 | 63.2 | 62.1 | 63.2 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |



TEST NUMBER: P395903

CATALOG NUMBER: I3-WL-50L93050-1D-UNV-W2A-W-4 (4000K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 72.2 | 71.1 | 71.1 | 70.0 | 70.0 | 70.0 | 68.8 | 68.8 | 68.8 | 68.8 |
| 115° | 86.9 | 81.2 | 79.0 | 76.7 | 76.7 | 76.7 | 75.6 | 75.6 | 75.6 | 75.6 |
| 117.5° | 104.9 | 97.0 | 92.5 | 88.0 | 86.9 | 85.8 | 83.5 | 83.5 | 82.4 | 82.4 |
| 120° | 124.1 | 116.2 | 109.4 | 103.8 | 101.5 | 100.4 | 97.0 | 94.8 | 92.5 | 92.5 |
| 122.5° | 142.2 | 134.3 | 127.5 | 121.9 | 119.6 | 117.3 | 114.0 | 111.7 | 109.4 | 109.4 |
| 125° | 160.2 | 152.3 | 145.6 | 139.9 | 136.5 | 134.3 | 130.9 | 128.6 | 126.4 | 126.4 |
| 127.5° | 179.4 | 169.2 | 162.5 | 156.8 | 153.5 | 152.3 | 147.8 | 145.6 | 143.3 | 143.3 |
| 130° | 200.8 | 188.4 | 179.4 | 172.6 | 170.4 | 168.1 | 164.7 | 162.5 | 160.2 | 160.2 |
| 132.5° | 222.3 | 209.9 | 199.7 | 190.7 | 187.3 | 185.0 | 180.5 | 178.3 | 176.0 | 176.0 |
| 135° | 242.6 | 231.3 | 221.2 | 212.1 | 208.7 | 205.4 | 200.8 | 196.3 | 194.1 | 194.1 |
| 137.5° | 258.4 | 250.5 | 241.5 | 233.6 | 230.2 | 226.8 | 222.3 | 217.8 | 214.4 | 215.5 |
| 140° | 271.9 | 265.2 | 259.5 | 253.9 | 250.5 | 248.2 | 243.7 | 240.3 | 236.9 | 236.9 |
| 142.5° | 284.3 | 278.7 | 273.1 | 268.5 | 267.4 | 266.3 | 262.9 | 259.5 | 257.3 | 257.3 |
| 145° | 295.6 | 292.2 | 287.7 | 282.1 | 281.0 | 279.8 | 276.4 | 274.2 | 273.1 | 273.1 |
| 147.5° | 299.0 | 300.1 | 299.0 | 295.6 | 294.5 | 293.4 | 291.1 | 288.9 | 287.7 | 287.7 |
| 150° | 296.7 | 301.3 | 303.5 | 303.5 | 303.5 | 303.5 | 303.5 | 301.3 | 300.1 | 300.1 |
| 152.5° | 290.0 | 296.7 | 301.3 | 304.6 | 305.8 | 306.9 | 306.9 | 308.0 | 306.9 | 306.9 |
| 155° | 282.1 | 288.9 | 295.6 | 299.0 | 301.3 | 302.4 | 304.6 | 305.8 | 306.9 | 305.8 |
| 157.5° | 273.1 | 278.7 | 283.2 | 290.0 | 292.2 | 294.5 | 296.7 | 299.0 | 300.1 | 299.0 |
| 160° | 265.2 | 269.7 | 273.1 | 277.6 | 278.7 | 281.0 | 283.2 | 284.3 | 286.6 | 285.5 |
| 162.5° | 257.3 | 260.6 | 264.0 | 266.3 | 268.5 | 269.7 | 271.9 | 273.1 | 274.2 | 273.1 |
| 165° | 251.6 | 253.9 | 255.0 | 257.3 | 258.4 | 259.5 | 260.6 | 261.8 | 261.8 | 261.8 |
| 167.5° | 244.8 | 247.1 | 248.2 | 249.4 | 250.5 | 251.6 | 251.6 | 252.7 | 252.7 | 252.7 |
| 170° | 239.2 | 240.3 | 241.5 | 242.6 | 242.6 | 243.7 | 243.7 | 243.7 | 244.8 | 243.7 |
| 172.5° | 234.7 | 234.7 | 234.7 | 235.8 | 235.8 | 235.8 | 235.8 | 235.8 | 235.8 | 234.7 |
| 175° | 232.4 | 232.4 | 231.3 | 231.3 | 231.3 | 231.3 | 231.3 | 230.2 | 229.0 | 227.9 |
| 177.5° | 231.3 | 230.2 | 230.2 | 229.0 | 229.0 | 229.0 | 227.9 | 226.8 | 225.7 | 224.5 |
| 180° | 230.2 | 230.2 | 230.2 | 230.2 | 230.2 | 230.2 | 230.2 | 230.2 | 230.2 | 230.2 |

(END OF REPORT)