

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: P395785

Luminaire Tested: **I3-UL-80L83050-1D-UNV-W2A-W-4 (3500K)**

Issue Date: 5/6/2020

Test Information

Test Method: LM-79-08
Report Number: P395785
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2001-656-2)
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: I3-UL-80L83050-1D-UNV-W2A-W-4 (3500K)
Description: CORELITE I3, OPEN TOP
8000 LUMENS, VIVIDTUNE TUNABLE WHITE
Light Source: 3000K/5000K CCT, 80 CRI LEDS, TUNED TO 3500K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8033.2 lumens
Efficiency: N/A
Efficacy: 128.9 lumens/watt
Spacing Criteria (0/90/45): 1.33 / 1.54 / 1.55
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 3.92' x H: 0.17')
CIE Type: Semi-Indirect

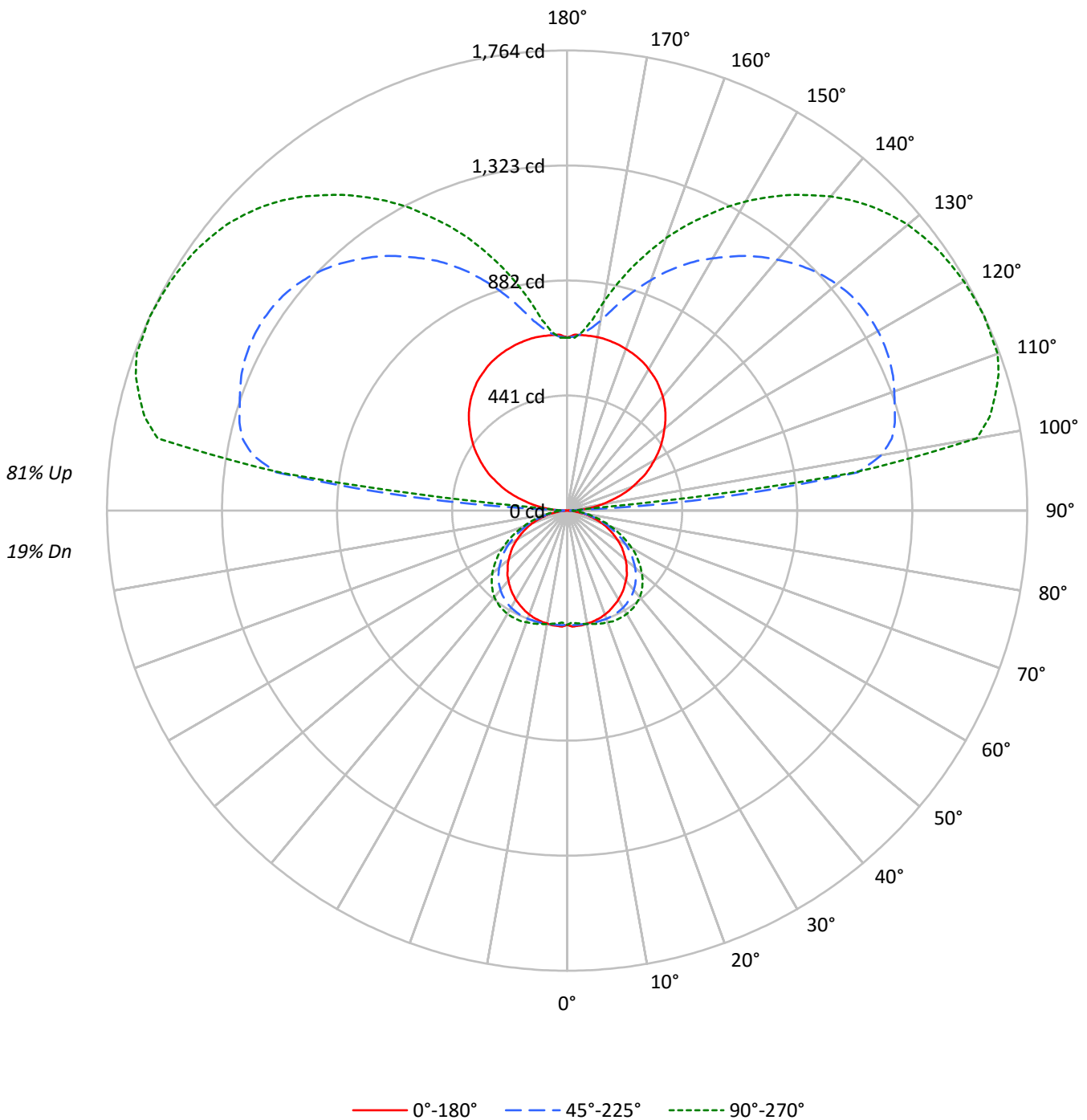
Input Watts (W): 62.3
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P395785

CATALOG NUMBER: I3-UL-80L83050-1D-UNV-W2A-W-4 (3500K)

Luminous Intensity Polar Plot





TEST NUMBER: P395785

CATALOG NUMBER: I3-UL-80L83050-1D-UNV-W2A-W-4 (3500K)

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 | 100 | 100 | 100 | 100 | 88 | 88 | 88 | 88 | 66 | 66 | 66 | 46 | 46 | 46 | 28 | 28 | 28 | 19 | | | | |
| 1 | 91 | 87 | 83 | 79 | 80 | 76 | 73 | 71 | 58 | 56 | 54 | 40 | 39 | 38 | 24 | 24 | 23 | 16 | | | | |
| 2 | 82 | 75 | 69 | 64 | 72 | 67 | 62 | 58 | 50 | 47 | 44 | 35 | 33 | 31 | 21 | 20 | 19 | 13 | | | | |
| 3 | 75 | 66 | 59 | 53 | 66 | 58 | 52 | 48 | 44 | 40 | 37 | 31 | 28 | 26 | 19 | 17 | 16 | 11 | | | | |
| 4 | 68 | 58 | 51 | 45 | 60 | 51 | 45 | 40 | 39 | 35 | 31 | 27 | 24 | 22 | 16 | 15 | 14 | 9 | | | | |
| 5 | 63 | 51 | 44 | 38 | 55 | 46 | 39 | 34 | 35 | 30 | 26 | 24 | 21 | 19 | 15 | 13 | 12 | 8 | | | | |
| 6 | 57 | 46 | 38 | 33 | 50 | 41 | 34 | 29 | 31 | 26 | 23 | 22 | 19 | 16 | 13 | 12 | 10 | 7 | | | | |
| 7 | 53 | 41 | 34 | 28 | 46 | 37 | 30 | 25 | 28 | 23 | 20 | 20 | 17 | 14 | 12 | 10 | 9 | 6 | | | | |
| 8 | 49 | 37 | 30 | 25 | 43 | 33 | 27 | 22 | 25 | 21 | 17 | 18 | 15 | 13 | 11 | 9 | 8 | 5 | | | | |
| 9 | 45 | 34 | 26 | 22 | 40 | 30 | 24 | 20 | 23 | 18 | 15 | 16 | 13 | 11 | 10 | 8 | 7 | 5 | | | | |
| 10 | 42 | 31 | 24 | 19 | 37 | 27 | 21 | 17 | 21 | 17 | 14 | 15 | 12 | 10 | 9 | 8 | 6 | 4 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 2405 | 2405 | 2405 |
| 5° | 2438 | 2370 | 2325 |
| 10° | 2435 | 2354 | 2327 |
| 15° | 2440 | 2345 | 2348 |
| 20° | 2441 | 2355 | 2375 |
| 25° | 2437 | 2361 | 2411 |
| 30° | 2441 | 2364 | 2434 |
| 35° | 2438 | 2352 | 2445 |
| 40° | 2427 | 2334 | 2431 |
| 45° | 2406 | 2286 | 2377 |
| 50° | 2385 | 2211 | 2290 |
| 55° | 2343 | 2104 | 2159 |
| 60° | 2270 | 1953 | 1987 |
| 65° | 2170 | 1739 | 1772 |
| 70° | 2050 | 1507 | 1495 |
| 75° | 1778 | 1182 | 1199 |
| 80° | 1413 | 850 | 867 |
| 85° | 840 | 495 | 572 |



TEST NUMBER: P395785

CATALOG NUMBER: I3-UL-80L83050-1D-UNV-W2A-W-4 (3500K)

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 41.9 | 0.5 |
| 10°-20° | 124.8 | 1.6 |
| 20°-30° | 200.8 | 2.5 |
| 30°-40° | 258.4 | 3.2 |
| 40°-50° | 283.9 | 3.5 |
| 50°-60° | 266.8 | 3.3 |
| 60°-70° | 207.3 | 2.6 |
| 70°-80° | 118.9 | 1.5 |
| 80°-90° | 38.1 | 0.5 |
| 90°-100° | 513.5 | 6.4 |
| 100°-110° | 1220.3 | 15.2 |
| 110°-120° | 1225.9 | 15.3 |
| 120°-130° | 1124.2 | 14.0 |
| 130°-140° | 940.0 | 11.7 |
| 140°-150° | 705.6 | 8.8 |
| 150°-160° | 459.3 | 5.7 |
| 160°-170° | 236.5 | 2.9 |
| 170°-180° | 66.9 | 0.8 |
| 0°-30° | 367.5 | 4.6 |
| 0°-40° | 626.0 | 7.8 |
| 0°-60° | 1176.6 | 14.6 |
| 0°-90° | 1540.9 | 19.2 |
| 90°-120° | 2959.7 | 36.8 |
| 90°-150° | 5729.5 | 71.3 |
| 90°-180° | 6492.0 | 80.8 |
| 0°-180° | 8033.2 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|------|-------|------|------|
| 0° | 438 | 438 | 438 | 438 | 438 | |
| 5° | 444 | 440 | 440 | 438 | 434 | 42 |
| 15° | 434 | 432 | 442 | 447 | 449 | 123 |
| 25° | 410 | 414 | 438 | 453 | 459 | 189 |
| 35° | 374 | 384 | 416 | 442 | 449 | 234 |
| 45° | 323 | 338 | 372 | 400 | 408 | 249 |
| 55° | 259 | 273 | 303 | 325 | 333 | 231 |
| 65° | 182 | 192 | 210 | 228 | 234 | 180 |
| 75° | 97 | 101 | 111 | 123 | 127 | 103 |
| 85° | 20 | 24 | 32 | 42 | 44 | 23 |
| 90° | 2 | 6 | 12 | 18 | 20 | 6 |
| 95° | 69 | 574 | 590 | 79 | 67 | 69 |
| 105° | 200 | 770 | 1301 | 1604 | 1699 | 212 |
| 115° | 331 | 867 | 1364 | 1659 | 1764 | 325 |
| 125° | 440 | 905 | 1372 | 1643 | 1738 | 392 |
| 135° | 533 | 901 | 1311 | 1558 | 1649 | 410 |
| 145° | 602 | 863 | 1192 | 1400 | 1477 | 376 |
| 155° | 645 | 792 | 1035 | 1186 | 1243 | 298 |
| 165° | 669 | 715 | 839 | 930 | 966 | 189 |
| 175° | 675 | 673 | 681 | 689 | 689 | 64 |
| 180° | 663 | 663 | 663 | 663 | 663 | |



TEST NUMBER: P395785

CATALOG NUMBER: I3-UL-80L83050-1D-UNV-W2A-W-4 (3500K)

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 0° | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 |
| 2.5° | 445.4 | 443.5 | 441.5 | 441.5 | 439.5 | 439.5 | 439.5 | 437.5 | 437.5 | 437.5 | 439.5 |
| 5° | 443.5 | 443.5 | 441.5 | 439.5 | 439.5 | 439.5 | 437.5 | 437.5 | 437.5 | 437.5 | 439.5 |
| 7.5° | 443.5 | 441.5 | 439.5 | 439.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 439.5 |
| 10° | 439.5 | 439.5 | 437.5 | 437.5 | 435.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 441.5 |
| 12.5° | 437.5 | 437.5 | 435.5 | 433.6 | 433.6 | 433.6 | 435.5 | 435.5 | 435.5 | 437.5 | 441.5 |
| 15° | 433.6 | 433.6 | 431.6 | 431.6 | 431.6 | 431.6 | 433.6 | 433.6 | 435.5 | 437.5 | 441.5 |
| 17.5° | 429.6 | 429.6 | 427.6 | 427.6 | 427.6 | 429.6 | 429.6 | 431.6 | 433.6 | 437.5 | 441.5 |
| 20° | 423.7 | 423.7 | 423.7 | 423.7 | 423.7 | 425.7 | 425.7 | 427.6 | 431.6 | 435.5 | 441.5 |
| 22.5° | 417.7 | 417.7 | 417.7 | 417.7 | 417.7 | 419.7 | 421.7 | 425.7 | 427.6 | 433.6 | 439.5 |
| 25° | 409.8 | 409.8 | 409.8 | 409.8 | 411.8 | 413.8 | 415.8 | 419.7 | 423.7 | 429.6 | 437.5 |
| 27.5° | 401.9 | 403.9 | 403.9 | 403.9 | 405.9 | 407.8 | 409.8 | 413.8 | 419.7 | 427.6 | 433.6 |
| 30° | 394.0 | 394.0 | 394.0 | 396.0 | 397.9 | 399.9 | 403.9 | 407.8 | 413.8 | 421.7 | 429.6 |
| 32.5° | 384.1 | 384.1 | 386.1 | 386.1 | 390.0 | 392.0 | 396.0 | 401.9 | 407.8 | 415.8 | 423.7 |
| 35° | 374.2 | 374.2 | 374.2 | 378.1 | 380.1 | 384.1 | 386.1 | 392.0 | 399.9 | 407.8 | 415.8 |
| 37.5° | 362.3 | 364.3 | 364.3 | 366.3 | 370.2 | 374.2 | 376.2 | 384.1 | 392.0 | 399.9 | 407.8 |
| 40° | 350.4 | 352.4 | 352.4 | 354.4 | 360.3 | 362.3 | 366.3 | 374.2 | 380.1 | 390.0 | 397.9 |
| 42.5° | 338.5 | 338.5 | 340.5 | 342.5 | 348.4 | 350.4 | 354.4 | 362.3 | 370.2 | 378.1 | 386.1 |
| 45° | 322.7 | 324.7 | 326.7 | 328.6 | 334.6 | 338.5 | 342.5 | 348.4 | 356.4 | 364.3 | 372.2 |
| 47.5° | 308.8 | 308.8 | 310.8 | 314.8 | 320.7 | 324.7 | 326.7 | 334.6 | 340.5 | 348.4 | 356.4 |
| 50° | 293.0 | 295.0 | 295.0 | 298.9 | 304.9 | 308.8 | 310.8 | 318.7 | 324.7 | 332.6 | 340.5 |
| 52.5° | 275.2 | 277.2 | 279.1 | 283.1 | 289.0 | 293.0 | 295.0 | 300.9 | 306.9 | 314.8 | 320.7 |
| 55° | 259.4 | 261.3 | 261.3 | 265.3 | 271.2 | 273.2 | 277.2 | 281.1 | 289.0 | 295.0 | 302.9 |
| 57.5° | 241.5 | 243.5 | 243.5 | 247.5 | 251.4 | 255.4 | 257.4 | 263.3 | 269.2 | 275.2 | 281.1 |
| 60° | 221.7 | 223.7 | 225.7 | 227.7 | 231.6 | 235.6 | 237.6 | 241.5 | 247.5 | 253.4 | 259.4 |
| 62.5° | 201.9 | 203.9 | 205.9 | 207.9 | 211.8 | 213.8 | 215.8 | 221.7 | 225.7 | 231.6 | 235.6 |
| 65° | 182.1 | 184.1 | 186.1 | 188.1 | 190.1 | 192.0 | 194.0 | 198.0 | 201.9 | 207.9 | 209.9 |
| 67.5° | 162.3 | 164.3 | 164.3 | 166.3 | 168.3 | 170.3 | 172.2 | 176.2 | 178.2 | 184.1 | 186.1 |
| 70° | 142.5 | 142.5 | 142.5 | 144.5 | 144.5 | 146.5 | 148.5 | 152.4 | 154.4 | 158.4 | 162.3 |
| 72.5° | 118.8 | 120.8 | 120.8 | 120.8 | 122.7 | 124.7 | 126.7 | 128.7 | 130.7 | 132.6 | 136.6 |
| 75° | 97.0 | 99.0 | 97.0 | 99.0 | 101.0 | 101.0 | 102.9 | 104.9 | 106.9 | 108.9 | 110.9 |
| 77.5° | 77.2 | 75.2 | 77.2 | 77.2 | 79.2 | 79.2 | 79.2 | 81.2 | 85.1 | 85.1 | 89.1 |
| 80° | 55.4 | 55.4 | 55.4 | 55.4 | 57.4 | 57.4 | 59.4 | 59.4 | 63.4 | 65.3 | 67.3 |
| 82.5° | 35.6 | 35.6 | 37.6 | 37.6 | 37.6 | 39.6 | 39.6 | 41.6 | 43.6 | 45.5 | 47.5 |
| 85° | 19.8 | 19.8 | 19.8 | 21.8 | 21.8 | 23.8 | 23.8 | 25.7 | 27.7 | 29.7 | 31.7 |
| 87.5° | 5.9 | 7.9 | 9.9 | 9.9 | 11.9 | 11.9 | 13.9 | 13.9 | 17.8 | 19.8 | 21.8 |
| 90° | 2.0 | 2.0 | 4.0 | 4.0 | 4.0 | 5.9 | 5.9 | 7.9 | 7.9 | 9.9 | 11.9 |
| 92.5° | 33.7 | 79.2 | 164.3 | 245.5 | 211.8 | 198.0 | 118.8 | 35.6 | 31.7 | 33.7 | 33.7 |
| 95° | 69.3 | 130.7 | 239.6 | 388.0 | 502.9 | 574.1 | 621.6 | 712.7 | 805.8 | 789.9 | 590.0 |
| 97.5° | 101.0 | 168.3 | 289.0 | 425.7 | 584.0 | 665.2 | 726.6 | 835.5 | 954.3 | 1053.2 | 1124.5 |
| 100° | 132.6 | 201.9 | 330.6 | 473.2 | 619.7 | 692.9 | 764.2 | 912.7 | 1029.5 | 1128.5 | 1223.5 |
| 102.5° | 166.3 | 235.6 | 368.2 | 516.7 | 661.2 | 732.5 | 801.8 | 932.5 | 1063.1 | 1181.9 | 1275.0 |
| 105° | 200.0 | 271.2 | 401.9 | 554.3 | 698.9 | 770.1 | 837.4 | 962.2 | 1082.9 | 1193.8 | 1300.7 |
| 107.5° | 235.6 | 302.9 | 431.6 | 584.0 | 728.6 | 799.8 | 867.1 | 991.9 | 1108.7 | 1219.5 | 1316.5 |
| 110° | 267.3 | 332.6 | 461.3 | 611.7 | 756.3 | 827.5 | 894.9 | 1019.6 | 1134.4 | 1239.3 | 1334.4 |



TEST NUMBER: P395785

CATALOG NUMBER: I3-UL-80L83050-1D-UNV-W2A-W-4 (3500K)

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 112.5° | 297.0 | 360.3 | 489.0 | 635.5 | 778.1 | 849.3 | 914.7 | 1039.4 | 1154.2 | 1257.2 | 1352.2 |
| 115° | 330.6 | 386.1 | 516.7 | 657.3 | 797.8 | 867.1 | 932.5 | 1055.2 | 1170.0 | 1271.0 | 1364.1 |
| 117.5° | 358.3 | 411.8 | 540.5 | 675.1 | 813.7 | 881.0 | 944.4 | 1067.1 | 1179.9 | 1280.9 | 1372.0 |
| 120° | 386.1 | 435.5 | 562.3 | 690.9 | 825.6 | 890.9 | 954.3 | 1075.0 | 1187.9 | 1286.9 | 1375.9 |
| 122.5° | 413.8 | 459.3 | 580.1 | 706.8 | 835.5 | 900.8 | 962.2 | 1081.0 | 1191.8 | 1288.8 | 1375.9 |
| 125° | 439.5 | 479.1 | 595.9 | 718.7 | 841.4 | 904.8 | 964.1 | 1081.0 | 1189.8 | 1284.9 | 1372.0 |
| 127.5° | 463.3 | 500.9 | 607.8 | 730.5 | 845.4 | 906.7 | 964.1 | 1077.0 | 1185.9 | 1278.9 | 1364.1 |
| 130° | 487.0 | 520.7 | 619.7 | 736.5 | 849.3 | 904.8 | 960.2 | 1069.1 | 1176.0 | 1269.0 | 1350.2 |
| 132.5° | 510.8 | 542.5 | 629.6 | 742.4 | 851.3 | 904.8 | 956.2 | 1061.2 | 1164.1 | 1255.2 | 1332.4 |
| 135° | 532.6 | 558.3 | 639.5 | 746.4 | 849.3 | 900.8 | 948.3 | 1047.3 | 1146.3 | 1235.4 | 1310.6 |
| 137.5° | 552.4 | 574.1 | 647.4 | 748.4 | 847.3 | 894.9 | 942.4 | 1031.5 | 1124.5 | 1211.6 | 1284.9 |
| 140° | 570.2 | 590.0 | 651.3 | 748.4 | 839.4 | 886.9 | 930.5 | 1015.6 | 1100.8 | 1183.9 | 1255.2 |
| 142.5° | 586.0 | 603.8 | 657.3 | 744.4 | 831.5 | 877.0 | 918.6 | 999.8 | 1077.0 | 1156.2 | 1225.5 |
| 145° | 601.9 | 615.7 | 661.2 | 742.4 | 821.6 | 863.2 | 902.8 | 980.0 | 1055.2 | 1126.5 | 1191.8 |
| 147.5° | 613.7 | 627.6 | 665.2 | 734.5 | 809.7 | 847.3 | 885.0 | 958.2 | 1027.5 | 1094.8 | 1154.2 |
| 150° | 625.6 | 637.5 | 667.2 | 726.6 | 795.9 | 829.5 | 863.2 | 932.5 | 999.8 | 1061.2 | 1116.6 |
| 152.5° | 637.5 | 645.4 | 673.1 | 718.7 | 780.0 | 811.7 | 845.4 | 906.7 | 968.1 | 1025.5 | 1079.0 |
| 155° | 645.4 | 651.3 | 675.1 | 710.7 | 764.2 | 791.9 | 819.6 | 877.0 | 932.5 | 985.9 | 1035.4 |
| 157.5° | 653.3 | 659.3 | 677.1 | 704.8 | 746.4 | 772.1 | 795.9 | 845.4 | 896.8 | 944.4 | 989.9 |
| 160° | 659.3 | 663.2 | 677.1 | 700.8 | 730.5 | 748.4 | 770.1 | 815.7 | 859.2 | 900.8 | 940.4 |
| 162.5° | 665.2 | 667.2 | 677.1 | 694.9 | 716.7 | 728.6 | 744.4 | 780.0 | 819.6 | 855.3 | 890.9 |
| 165° | 669.2 | 671.1 | 677.1 | 690.9 | 704.8 | 714.7 | 722.6 | 748.4 | 778.1 | 809.7 | 839.4 |
| 167.5° | 673.1 | 673.1 | 677.1 | 687.0 | 694.9 | 700.8 | 706.8 | 720.6 | 740.4 | 764.2 | 786.0 |
| 170° | 675.1 | 675.1 | 677.1 | 683.0 | 689.0 | 690.9 | 694.9 | 702.8 | 712.7 | 724.6 | 738.5 |
| 172.5° | 675.1 | 675.1 | 675.1 | 679.1 | 681.0 | 681.0 | 681.0 | 685.0 | 690.9 | 698.9 | 704.8 |
| 175° | 675.1 | 673.1 | 673.1 | 675.1 | 673.1 | 673.1 | 673.1 | 673.1 | 675.1 | 679.1 | 681.0 |
| 177.5° | 675.1 | 673.1 | 671.1 | 671.1 | 669.2 | 669.2 | 667.2 | 667.2 | 667.2 | 667.2 | 667.2 |
| 180° | 663.2 | 663.2 | 663.2 | 663.2 | 663.2 | 663.2 | 663.2 | 663.2 | 663.2 | 663.2 | 663.2 |



TEST NUMBER: P395785

CATALOG NUMBER: I3-UL-80L83050-1D-UNV-W2A-W-4 (3500K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 | 437.5 |
| 2.5° | 439.5 | 439.5 | 437.5 | 435.5 | 435.5 | 435.5 | 433.6 | 431.6 | 429.6 | 429.6 |
| 5° | 439.5 | 439.5 | 437.5 | 437.5 | 437.5 | 437.5 | 435.5 | 435.5 | 433.6 | 433.6 |
| 7.5° | 441.5 | 439.5 | 439.5 | 439.5 | 439.5 | 439.5 | 439.5 | 439.5 | 437.5 | 437.5 |
| 10° | 441.5 | 441.5 | 441.5 | 441.5 | 441.5 | 441.5 | 441.5 | 441.5 | 441.5 | 441.5 |
| 12.5° | 443.5 | 443.5 | 443.5 | 443.5 | 445.4 | 445.4 | 445.4 | 445.4 | 445.4 | 445.4 |
| 15° | 443.5 | 445.4 | 447.4 | 447.4 | 447.4 | 449.4 | 449.4 | 449.4 | 449.4 | 449.4 |
| 17.5° | 445.4 | 447.4 | 449.4 | 449.4 | 451.4 | 451.4 | 453.4 | 453.4 | 453.4 | 453.4 |
| 20° | 445.4 | 447.4 | 449.4 | 451.4 | 453.4 | 453.4 | 455.3 | 457.3 | 457.3 | 455.3 |
| 22.5° | 443.5 | 447.4 | 449.4 | 451.4 | 453.4 | 455.3 | 457.3 | 459.3 | 459.3 | 459.3 |
| 25° | 441.5 | 445.4 | 449.4 | 453.4 | 453.4 | 455.3 | 459.3 | 459.3 | 459.3 | 459.3 |
| 27.5° | 439.5 | 443.5 | 447.4 | 451.4 | 453.4 | 455.3 | 457.3 | 459.3 | 459.3 | 459.3 |
| 30° | 435.5 | 441.5 | 445.4 | 449.4 | 451.4 | 453.4 | 455.3 | 457.3 | 457.3 | 457.3 |
| 32.5° | 429.6 | 435.5 | 439.5 | 445.4 | 447.4 | 449.4 | 451.4 | 453.4 | 453.4 | 453.4 |
| 35° | 423.7 | 429.6 | 433.6 | 439.5 | 441.5 | 443.5 | 447.4 | 447.4 | 449.4 | 449.4 |
| 37.5° | 413.8 | 421.7 | 425.7 | 431.6 | 433.6 | 435.5 | 439.5 | 441.5 | 441.5 | 441.5 |
| 40° | 403.9 | 411.8 | 415.8 | 421.7 | 423.7 | 425.7 | 429.6 | 431.6 | 433.6 | 433.6 |
| 42.5° | 392.0 | 399.9 | 403.9 | 409.8 | 411.8 | 413.8 | 417.7 | 419.7 | 421.7 | 421.7 |
| 45° | 380.1 | 386.1 | 390.0 | 396.0 | 399.9 | 399.9 | 403.9 | 405.9 | 407.8 | 407.8 |
| 47.5° | 364.3 | 370.2 | 374.2 | 380.1 | 384.1 | 386.1 | 388.0 | 390.0 | 392.0 | 392.0 |
| 50° | 346.5 | 352.4 | 358.3 | 362.3 | 366.3 | 366.3 | 370.2 | 372.2 | 374.2 | 374.2 |
| 52.5° | 328.6 | 332.6 | 338.5 | 344.5 | 346.5 | 348.4 | 350.4 | 352.4 | 354.4 | 354.4 |
| 55° | 308.8 | 312.8 | 318.7 | 322.7 | 324.7 | 326.7 | 328.6 | 330.6 | 332.6 | 332.6 |
| 57.5° | 287.1 | 291.0 | 297.0 | 300.9 | 302.9 | 304.9 | 306.9 | 308.8 | 310.8 | 310.8 |
| 60° | 263.3 | 267.3 | 273.2 | 277.2 | 279.1 | 279.1 | 283.1 | 285.1 | 285.1 | 285.1 |
| 62.5° | 239.6 | 243.5 | 247.5 | 251.4 | 253.4 | 255.4 | 257.4 | 259.4 | 259.4 | 259.4 |
| 65° | 215.8 | 219.8 | 223.7 | 225.7 | 227.7 | 227.7 | 229.7 | 231.6 | 233.6 | 233.6 |
| 67.5° | 190.1 | 194.0 | 198.0 | 200.0 | 201.9 | 201.9 | 203.9 | 205.9 | 205.9 | 205.9 |
| 70° | 164.3 | 166.3 | 170.3 | 172.2 | 174.2 | 174.2 | 178.2 | 178.2 | 178.2 | 178.2 |
| 72.5° | 138.6 | 140.6 | 144.5 | 146.5 | 148.5 | 148.5 | 150.5 | 152.4 | 152.4 | 152.4 |
| 75° | 114.8 | 116.8 | 118.8 | 122.7 | 122.7 | 122.7 | 124.7 | 126.7 | 126.7 | 126.7 |
| 77.5° | 91.1 | 93.0 | 95.0 | 97.0 | 99.0 | 99.0 | 101.0 | 102.9 | 102.9 | 102.9 |
| 80° | 69.3 | 71.3 | 73.3 | 75.2 | 75.2 | 77.2 | 77.2 | 79.2 | 79.2 | 79.2 |
| 82.5° | 49.5 | 51.5 | 53.5 | 55.4 | 57.4 | 57.4 | 59.4 | 61.4 | 61.4 | 59.4 |
| 85° | 33.7 | 37.6 | 39.6 | 41.6 | 41.6 | 41.6 | 43.6 | 45.5 | 45.5 | 43.6 |
| 87.5° | 23.8 | 23.8 | 25.7 | 27.7 | 27.7 | 29.7 | 29.7 | 31.7 | 31.7 | 31.7 |
| 90° | 13.9 | 13.9 | 15.8 | 15.8 | 17.8 | 17.8 | 17.8 | 19.8 | 19.8 | 19.8 |
| 92.5° | 33.7 | 33.7 | 35.6 | 35.6 | 35.6 | 35.6 | 37.6 | 37.6 | 37.6 | 37.6 |
| 95° | 360.3 | 162.3 | 136.6 | 83.2 | 79.2 | 69.3 | 67.3 | 69.3 | 69.3 | 67.3 |
| 97.5° | 1209.6 | 1294.8 | 1348.2 | 1374.0 | 1342.3 | 1308.6 | 1271.0 | 1265.1 | 1213.6 | 1098.8 |
| 100° | 1304.7 | 1372.0 | 1437.3 | 1482.8 | 1500.7 | 1516.5 | 1552.1 | 1573.9 | 1583.8 | 1593.7 |
| 102.5° | 1352.2 | 1423.5 | 1480.9 | 1538.3 | 1562.0 | 1583.8 | 1615.5 | 1641.2 | 1651.1 | 1659.0 |
| 105° | 1393.8 | 1467.0 | 1530.4 | 1581.8 | 1603.6 | 1623.4 | 1655.1 | 1678.8 | 1696.7 | 1698.6 |
| 107.5° | 1403.7 | 1480.9 | 1552.1 | 1615.5 | 1641.2 | 1663.0 | 1700.6 | 1718.4 | 1734.3 | 1734.3 |
| 110° | 1421.5 | 1494.7 | 1560.1 | 1617.5 | 1643.2 | 1668.9 | 1708.5 | 1736.3 | 1752.1 | 1756.1 |



TEST NUMBER: P395785

CATALOG NUMBER: I3-UL-80L83050-1D-UNV-W2A-W-4 (3500K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1435.3 | 1510.6 | 1571.9 | 1629.4 | 1651.1 | 1674.9 | 1712.5 | 1738.2 | 1752.1 | 1758.0 |
| 115° | 1447.2 | 1520.5 | 1581.8 | 1635.3 | 1659.0 | 1682.8 | 1720.4 | 1742.2 | 1758.0 | 1764.0 |
| 117.5° | 1455.1 | 1526.4 | 1587.8 | 1637.3 | 1663.0 | 1682.8 | 1718.4 | 1742.2 | 1758.0 | 1760.0 |
| 120° | 1457.1 | 1528.4 | 1587.8 | 1637.3 | 1659.0 | 1680.8 | 1716.5 | 1740.2 | 1756.1 | 1756.1 |
| 122.5° | 1457.1 | 1526.4 | 1585.8 | 1633.3 | 1653.1 | 1672.9 | 1706.6 | 1734.3 | 1748.1 | 1748.1 |
| 125° | 1449.2 | 1518.5 | 1575.9 | 1623.4 | 1643.2 | 1661.0 | 1696.7 | 1722.4 | 1736.3 | 1738.2 |
| 127.5° | 1437.3 | 1504.6 | 1562.0 | 1609.6 | 1629.4 | 1645.2 | 1682.8 | 1706.6 | 1720.4 | 1722.4 |
| 130° | 1421.5 | 1488.8 | 1544.2 | 1589.8 | 1609.6 | 1627.4 | 1659.0 | 1684.8 | 1700.6 | 1704.6 |
| 132.5° | 1403.7 | 1467.0 | 1522.4 | 1566.0 | 1585.8 | 1601.6 | 1633.3 | 1659.0 | 1672.9 | 1678.8 |
| 135° | 1381.9 | 1441.3 | 1494.7 | 1538.3 | 1558.1 | 1573.9 | 1603.6 | 1629.4 | 1643.2 | 1649.1 |
| 137.5° | 1354.2 | 1411.6 | 1463.1 | 1506.6 | 1524.4 | 1540.3 | 1570.0 | 1593.7 | 1605.6 | 1613.5 |
| 140° | 1322.5 | 1375.9 | 1429.4 | 1469.0 | 1486.8 | 1502.6 | 1528.4 | 1554.1 | 1566.0 | 1571.9 |
| 142.5° | 1288.8 | 1342.3 | 1389.8 | 1429.4 | 1445.2 | 1461.1 | 1486.8 | 1510.6 | 1522.4 | 1524.4 |
| 145° | 1253.2 | 1304.7 | 1348.2 | 1385.8 | 1399.7 | 1415.5 | 1439.3 | 1463.1 | 1474.9 | 1476.9 |
| 147.5° | 1213.6 | 1261.1 | 1302.7 | 1338.3 | 1354.2 | 1366.0 | 1387.8 | 1409.6 | 1421.5 | 1423.5 |
| 150° | 1168.1 | 1211.6 | 1249.2 | 1284.9 | 1298.7 | 1310.6 | 1334.4 | 1354.2 | 1366.0 | 1368.0 |
| 152.5° | 1124.5 | 1166.1 | 1197.8 | 1229.4 | 1243.3 | 1255.2 | 1275.0 | 1294.8 | 1306.6 | 1308.6 |
| 155° | 1079.0 | 1116.6 | 1148.3 | 1174.0 | 1185.9 | 1197.8 | 1213.6 | 1231.4 | 1241.3 | 1243.3 |
| 157.5° | 1031.5 | 1067.1 | 1094.8 | 1118.6 | 1130.4 | 1140.3 | 1154.2 | 1170.0 | 1176.0 | 1179.9 |
| 160° | 980.0 | 1009.7 | 1033.4 | 1057.2 | 1067.1 | 1077.0 | 1090.9 | 1102.7 | 1110.7 | 1112.6 |
| 162.5° | 924.6 | 950.3 | 970.1 | 991.9 | 997.8 | 1005.7 | 1019.6 | 1031.5 | 1037.4 | 1039.4 |
| 165° | 867.1 | 890.9 | 908.7 | 926.5 | 930.5 | 936.4 | 946.3 | 958.2 | 962.2 | 966.1 |
| 167.5° | 809.7 | 829.5 | 841.4 | 857.2 | 863.2 | 867.1 | 877.0 | 885.0 | 888.9 | 890.9 |
| 170° | 754.3 | 768.2 | 778.1 | 789.9 | 791.9 | 797.8 | 803.8 | 811.7 | 813.7 | 813.7 |
| 172.5° | 710.7 | 716.7 | 722.6 | 726.6 | 728.6 | 730.5 | 734.5 | 736.5 | 736.5 | 736.5 |
| 175° | 683.0 | 687.0 | 687.0 | 689.0 | 689.0 | 689.0 | 689.0 | 689.0 | 689.0 | 689.0 |
| 177.5° | 667.2 | 667.2 | 667.2 | 665.2 | 665.2 | 665.2 | 665.2 | 663.2 | 663.2 | 663.2 |
| 180° | 663.2 | 663.2 | 663.2 | 663.2 | 663.2 | 663.2 | 663.2 | 663.2 | 663.2 | 663.2 |

(END OF REPORT)