

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: P395033

Luminaire Tested: **I3-CL-80L930-1D-UNV-STD-W-4**

Issue Date: 3/30/2020

Test Information

Test Method: LM-79-08
Report Number: P395033
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2001-656-3)
Test Lab: INNOVATION CENTER
Issue Date: 3/30/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: I3-CL-80L930-1D-UNV-STD-W-4
Description: CORELITE I3, CLEAR TOP COVER
8000 LUMENS
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

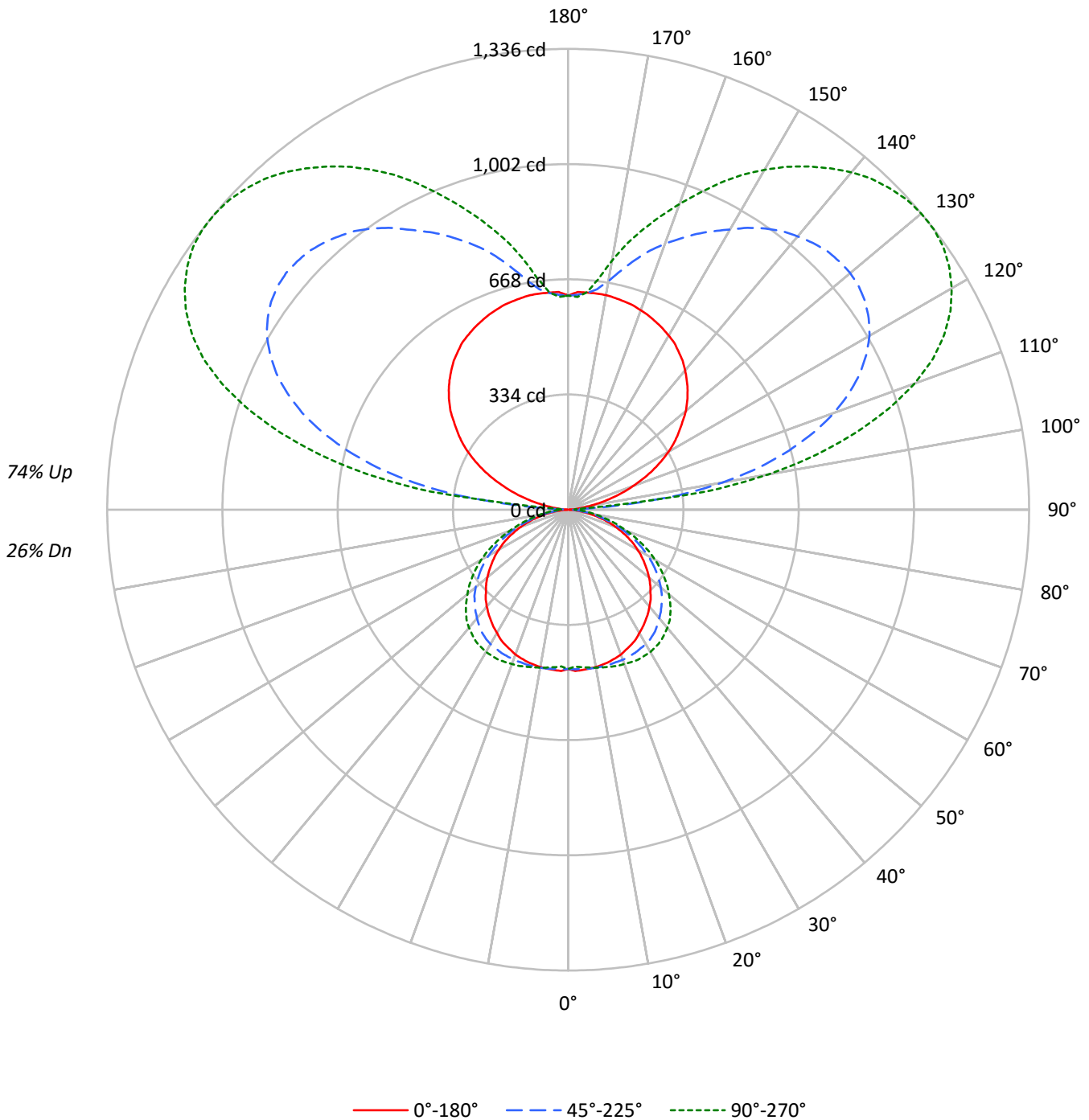
Lumens per Lamp: N/A
Luminaire Lumens: 6082.8 lumens
Efficiency: N/A
Efficacy: 106.3 lumens/watt
Spacing Criteria (0/90/45): 1.32 / 1.52 / 1.54
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 3.92' x H: 0.17')
CIE Type: Semi-Indirect

Input Watts (W): 57.2
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: P395033
CATALOG NUMBER: I3-CL-80L930-1D-UNV-STD-W-4

Luminous Intensity Polar Plot





TEST NUMBER: P395033

CATALOG NUMBER: I3-CL-80L930-1D-UNV-STD-W-4

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 | 101 | 101 | 101 | 101 | 91 | 91 | 91 | 91 | 70 | 70 | 70 | 51 | 51 | 51 | 34 | 34 | 34 | 26 |
| 1 | 92 | 88 | 84 | 81 | 82 | 79 | 75 | 73 | 61 | 59 | 57 | 45 | 43 | 42 | 30 | 29 | 28 | 22 |
| 2 | 84 | 77 | 71 | 65 | 74 | 68 | 63 | 59 | 53 | 50 | 47 | 39 | 37 | 35 | 26 | 25 | 24 | 18 |
| 3 | 76 | 67 | 60 | 54 | 68 | 60 | 54 | 49 | 47 | 42 | 39 | 34 | 32 | 29 | 23 | 21 | 20 | 15 |
| 4 | 70 | 59 | 51 | 45 | 62 | 53 | 46 | 41 | 41 | 37 | 33 | 30 | 27 | 25 | 20 | 18 | 17 | 13 |
| 5 | 64 | 52 | 44 | 39 | 56 | 47 | 40 | 35 | 37 | 32 | 28 | 27 | 24 | 21 | 18 | 16 | 15 | 11 |
| 6 | 58 | 47 | 39 | 33 | 52 | 42 | 35 | 30 | 33 | 28 | 24 | 24 | 21 | 18 | 16 | 14 | 13 | 9 |
| 7 | 54 | 42 | 34 | 29 | 48 | 38 | 31 | 26 | 30 | 25 | 21 | 22 | 19 | 16 | 15 | 13 | 11 | 8 |
| 8 | 50 | 38 | 30 | 25 | 44 | 34 | 27 | 23 | 27 | 22 | 18 | 20 | 17 | 14 | 14 | 11 | 10 | 7 |
| 9 | 46 | 34 | 27 | 22 | 41 | 31 | 25 | 20 | 24 | 20 | 16 | 18 | 15 | 13 | 12 | 10 | 9 | 6 |
| 10 | 43 | 31 | 24 | 20 | 38 | 28 | 22 | 18 | 22 | 18 | 15 | 17 | 13 | 11 | 11 | 9 | 8 | 6 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 2537 | 2537 | 2537 |
| 5° | 2564 | 2498 | 2457 |
| 10° | 2566 | 2479 | 2451 |
| 15° | 2569 | 2470 | 2462 |
| 20° | 2574 | 2470 | 2485 |
| 25° | 2570 | 2473 | 2517 |
| 30° | 2555 | 2477 | 2535 |
| 35° | 2549 | 2463 | 2538 |
| 40° | 2540 | 2410 | 2506 |
| 45° | 2514 | 2352 | 2443 |
| 50° | 2491 | 2275 | 2334 |
| 55° | 2440 | 2160 | 2200 |
| 60° | 2379 | 2008 | 2030 |
| 65° | 2282 | 1803 | 1801 |
| 70° | 2119 | 1535 | 1524 |
| 75° | 1829 | 1221 | 1224 |
| 80° | 1420 | 867 | 896 |
| 85° | 836 | 537 | 600 |



TEST NUMBER: P395033

CATALOG NUMBER: I3-CL-80L930-1D-UNV-STD-W-4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 44.2 | 0.7 |
| 10°-20° | 131.2 | 2.2 |
| 20°-30° | 210.4 | 3.5 |
| 30°-40° | 269.1 | 4.4 |
| 40°-50° | 293.4 | 4.8 |
| 50°-60° | 274.9 | 4.5 |
| 60°-70° | 213.3 | 3.5 |
| 70°-80° | 122.2 | 2.0 |
| 80°-90° | 39.1 | 0.6 |
| 90°-100° | 156.9 | 2.6 |
| 100°-110° | 609.9 | 10.0 |
| 110°-120° | 830.3 | 13.6 |
| 120°-130° | 861.9 | 14.2 |
| 130°-140° | 764.5 | 12.6 |
| 140°-150° | 593.2 | 9.8 |
| 150°-160° | 395.9 | 6.5 |
| 160°-170° | 211.0 | 3.5 |
| 170°-180° | 61.7 | 1.0 |
| 0°-30° | 385.8 | 6.3 |
| 0°-40° | 654.8 | 10.8 |
| 0°-60° | 1223.0 | 20.1 |
| 0°-90° | 1597.6 | 26.3 |
| 90°-120° | 1597.0 | 26.3 |
| 90°-150° | 3816.6 | 62.7 |
| 90°-180° | 4485.0 | 73.7 |
| 0°-180° | 6082.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|------|-------|------|------|
| 0° | 462 | 462 | 462 | 462 | 462 | |
| 5° | 466 | 462 | 463 | 462 | 458 | 44 |
| 15° | 457 | 455 | 465 | 471 | 471 | 129 |
| 25° | 432 | 435 | 458 | 475 | 480 | 199 |
| 35° | 391 | 399 | 435 | 458 | 466 | 245 |
| 45° | 337 | 352 | 383 | 408 | 419 | 261 |
| 55° | 270 | 285 | 311 | 332 | 339 | 242 |
| 65° | 192 | 200 | 218 | 232 | 237 | 189 |
| 75° | 100 | 105 | 114 | 126 | 129 | 107 |
| 85° | 20 | 23 | 34 | 44 | 46 | 24 |
| 90° | 2 | 5 | 12 | 16 | 20 | 2 |
| 95° | 20 | 111 | 152 | 31 | 30 | 26 |
| 105° | 129 | 391 | 663 | 787 | 863 | 138 |
| 115° | 270 | 604 | 933 | 1097 | 1203 | 266 |
| 125° | 391 | 712 | 1051 | 1234 | 1328 | 350 |
| 135° | 490 | 750 | 1061 | 1244 | 1318 | 377 |
| 145° | 558 | 750 | 995 | 1156 | 1214 | 350 |
| 155° | 601 | 709 | 882 | 1000 | 1046 | 277 |
| 165° | 625 | 652 | 750 | 820 | 841 | 177 |
| 175° | 632 | 629 | 630 | 634 | 634 | 60 |
| 180° | 620 | 620 | 620 | 620 | 620 | |



TEST NUMBER: P395033

CATALOG NUMBER: I3-CL-80L930-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 461.6 | 461.6 | 461.6 | 461.6 | 461.6 | 461.6 | 461.6 | 461.6 | 461.6 | 461.6 | 461.6 |
| 2.5° | 468.1 | 466.5 | 466.5 | 463.2 | 463.2 | 461.6 | 461.6 | 461.6 | 461.6 | 461.6 | 463.2 |
| 5° | 466.5 | 466.5 | 464.9 | 463.2 | 463.2 | 461.6 | 461.6 | 461.6 | 461.6 | 461.6 | 463.2 |
| 7.5° | 464.9 | 464.9 | 463.2 | 461.6 | 461.6 | 461.6 | 461.6 | 461.6 | 461.6 | 461.6 | 464.9 |
| 10° | 463.2 | 463.2 | 461.6 | 460.0 | 460.0 | 460.0 | 460.0 | 461.6 | 461.6 | 461.6 | 464.9 |
| 12.5° | 460.0 | 458.3 | 458.3 | 456.7 | 456.7 | 456.7 | 458.3 | 458.3 | 460.0 | 461.6 | 464.9 |
| 15° | 456.7 | 456.7 | 455.0 | 453.4 | 455.0 | 455.0 | 455.0 | 456.7 | 458.3 | 460.0 | 464.9 |
| 17.5° | 451.8 | 451.8 | 450.1 | 450.1 | 450.1 | 451.8 | 451.8 | 453.4 | 456.7 | 460.0 | 463.2 |
| 20° | 446.9 | 445.2 | 445.2 | 445.2 | 446.9 | 446.9 | 448.5 | 451.8 | 453.4 | 458.3 | 463.2 |
| 22.5° | 438.7 | 440.3 | 438.7 | 438.7 | 440.3 | 442.0 | 443.6 | 446.9 | 450.1 | 455.0 | 460.0 |
| 25° | 432.1 | 432.1 | 432.1 | 432.1 | 435.4 | 435.4 | 438.7 | 442.0 | 446.9 | 451.8 | 458.3 |
| 27.5° | 424.0 | 424.0 | 424.0 | 425.5 | 427.2 | 428.9 | 430.5 | 435.4 | 440.3 | 446.9 | 453.4 |
| 30° | 412.5 | 412.5 | 412.5 | 412.5 | 417.4 | 419.1 | 422.3 | 428.9 | 433.8 | 442.0 | 450.1 |
| 32.5° | 402.6 | 402.6 | 402.6 | 404.3 | 407.6 | 409.2 | 412.5 | 420.6 | 427.2 | 435.4 | 443.6 |
| 35° | 391.2 | 391.2 | 392.8 | 392.8 | 397.7 | 399.4 | 402.6 | 409.2 | 415.7 | 425.5 | 435.4 |
| 37.5° | 379.7 | 379.7 | 381.4 | 383.0 | 386.3 | 389.6 | 392.8 | 399.4 | 406.0 | 414.1 | 424.0 |
| 40° | 366.7 | 366.7 | 368.3 | 369.9 | 374.8 | 378.1 | 381.4 | 387.9 | 394.5 | 402.6 | 410.8 |
| 42.5° | 353.6 | 353.6 | 355.2 | 356.8 | 361.7 | 365.0 | 368.3 | 376.5 | 383.0 | 391.2 | 397.7 |
| 45° | 337.2 | 338.8 | 340.5 | 343.7 | 348.7 | 351.9 | 355.2 | 361.7 | 369.9 | 376.5 | 383.0 |
| 47.5° | 322.5 | 324.1 | 325.8 | 329.0 | 333.9 | 337.2 | 340.5 | 347.0 | 353.6 | 360.1 | 368.3 |
| 50° | 306.1 | 307.8 | 309.3 | 312.7 | 317.6 | 320.8 | 324.1 | 330.7 | 337.2 | 342.1 | 350.3 |
| 52.5° | 288.1 | 289.8 | 291.3 | 294.6 | 301.2 | 302.8 | 306.1 | 312.7 | 317.6 | 324.1 | 330.7 |
| 55° | 270.1 | 271.7 | 273.3 | 276.6 | 281.5 | 284.8 | 286.4 | 293.0 | 297.9 | 304.4 | 311.0 |
| 57.5° | 252.1 | 253.7 | 255.3 | 258.6 | 261.9 | 265.2 | 266.8 | 271.7 | 278.3 | 283.2 | 289.8 |
| 60° | 232.4 | 234.1 | 235.7 | 237.4 | 242.3 | 243.9 | 245.5 | 250.4 | 255.3 | 261.9 | 266.8 |
| 62.5° | 212.8 | 212.8 | 214.4 | 216.0 | 220.9 | 222.6 | 224.3 | 227.5 | 234.1 | 237.4 | 242.3 |
| 65° | 191.5 | 191.5 | 193.1 | 194.8 | 198.0 | 199.7 | 201.4 | 204.6 | 209.5 | 212.8 | 217.7 |
| 67.5° | 168.6 | 168.6 | 170.2 | 171.9 | 175.1 | 176.8 | 176.8 | 181.7 | 184.9 | 188.2 | 191.5 |
| 70° | 147.3 | 147.3 | 149.0 | 149.0 | 150.6 | 152.2 | 153.9 | 157.1 | 158.8 | 163.7 | 165.3 |
| 72.5° | 124.4 | 124.4 | 124.4 | 124.4 | 127.7 | 127.7 | 129.3 | 132.6 | 134.2 | 137.5 | 140.8 |
| 75° | 99.8 | 99.8 | 101.5 | 101.5 | 103.1 | 104.7 | 106.4 | 108.1 | 111.3 | 113.0 | 114.5 |
| 77.5° | 78.6 | 76.9 | 78.6 | 80.2 | 81.8 | 81.8 | 83.5 | 85.1 | 86.7 | 90.1 | 91.6 |
| 80° | 55.7 | 55.7 | 55.7 | 57.3 | 58.9 | 58.9 | 60.6 | 62.2 | 63.8 | 67.1 | 68.7 |
| 82.5° | 36.0 | 36.0 | 37.7 | 37.7 | 39.3 | 40.9 | 40.9 | 42.6 | 44.2 | 47.5 | 49.1 |
| 85° | 19.7 | 19.7 | 19.7 | 21.2 | 22.9 | 22.9 | 24.6 | 26.2 | 29.5 | 31.1 | 34.4 |
| 87.5° | 6.6 | 6.6 | 8.2 | 9.8 | 11.5 | 11.5 | 13.1 | 14.7 | 16.4 | 19.7 | 21.2 |
| 90° | 1.7 | 1.7 | 1.7 | 3.2 | 3.2 | 4.9 | 4.9 | 6.6 | 8.2 | 9.8 | 11.5 |
| 92.5° | 6.6 | 11.5 | 18.0 | 26.2 | 24.6 | 26.2 | 18.0 | 11.5 | 11.5 | 11.5 | 13.1 |
| 95° | 19.7 | 29.5 | 47.5 | 75.3 | 98.2 | 111.3 | 122.8 | 134.2 | 157.1 | 158.8 | 152.2 |
| 97.5° | 39.3 | 54.0 | 86.7 | 122.8 | 163.7 | 184.9 | 201.4 | 235.7 | 271.7 | 294.6 | 322.5 |
| 100° | 65.5 | 86.7 | 129.3 | 178.4 | 225.9 | 253.7 | 279.9 | 329.0 | 373.2 | 412.5 | 455.0 |
| 102.5° | 96.6 | 121.1 | 173.5 | 234.1 | 293.0 | 324.1 | 351.9 | 409.2 | 469.8 | 522.2 | 568.0 |
| 105° | 129.3 | 157.1 | 219.4 | 288.1 | 355.2 | 391.2 | 425.5 | 487.8 | 551.6 | 608.9 | 662.9 |
| 107.5° | 165.3 | 194.8 | 261.9 | 338.8 | 414.1 | 455.0 | 492.7 | 559.8 | 626.9 | 689.1 | 746.4 |
| 110° | 199.7 | 232.4 | 302.8 | 386.3 | 471.4 | 512.4 | 550.0 | 623.7 | 694.0 | 759.5 | 820.0 |



TEST NUMBER: P395033

CATALOG NUMBER: I3-CL-80L930-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 112.5° | 235.7 | 270.1 | 340.5 | 432.1 | 518.9 | 561.4 | 600.8 | 679.3 | 753.0 | 820.0 | 880.6 |
| 115° | 270.1 | 302.8 | 376.5 | 471.4 | 559.8 | 604.0 | 646.6 | 726.7 | 803.7 | 870.8 | 933.0 |
| 117.5° | 302.8 | 333.9 | 409.2 | 504.1 | 595.8 | 640.0 | 682.6 | 766.0 | 842.9 | 913.3 | 973.9 |
| 120° | 335.6 | 363.4 | 445.2 | 531.9 | 625.2 | 669.5 | 713.6 | 797.1 | 875.7 | 946.1 | 1008.3 |
| 122.5° | 365.0 | 391.2 | 471.4 | 556.5 | 648.2 | 694.0 | 736.6 | 821.7 | 901.9 | 972.3 | 1032.9 |
| 125° | 391.2 | 415.7 | 496.0 | 576.2 | 667.8 | 712.1 | 756.2 | 839.7 | 919.9 | 988.7 | 1050.9 |
| 127.5° | 417.4 | 442.0 | 513.9 | 595.8 | 680.9 | 726.7 | 769.3 | 852.8 | 931.3 | 1001.7 | 1062.3 |
| 130° | 445.2 | 463.2 | 531.9 | 613.8 | 694.0 | 736.6 | 780.8 | 861.0 | 937.9 | 1006.6 | 1067.2 |
| 132.5° | 468.1 | 484.5 | 550.0 | 628.6 | 703.8 | 744.8 | 784.0 | 864.3 | 941.2 | 1006.6 | 1065.6 |
| 135° | 489.5 | 502.5 | 563.1 | 641.7 | 712.1 | 749.7 | 787.3 | 862.6 | 937.9 | 1003.4 | 1060.7 |
| 137.5° | 509.0 | 522.2 | 574.5 | 651.5 | 718.6 | 751.3 | 787.3 | 857.7 | 929.8 | 995.2 | 1049.2 |
| 140° | 527.0 | 536.9 | 584.3 | 656.4 | 721.9 | 753.0 | 784.0 | 849.5 | 916.7 | 980.5 | 1034.5 |
| 142.5° | 545.1 | 553.3 | 592.5 | 659.7 | 723.5 | 753.0 | 782.4 | 839.7 | 901.9 | 964.1 | 1018.2 |
| 145° | 558.2 | 566.4 | 599.1 | 661.3 | 721.9 | 749.7 | 775.9 | 829.9 | 885.5 | 942.8 | 995.2 |
| 147.5° | 572.9 | 579.4 | 605.7 | 658.0 | 717.0 | 743.1 | 767.7 | 816.8 | 867.5 | 919.9 | 969.0 |
| 150° | 582.7 | 589.3 | 608.9 | 654.7 | 708.7 | 733.3 | 757.9 | 803.7 | 849.5 | 895.3 | 937.9 |
| 152.5° | 592.5 | 597.4 | 613.8 | 649.8 | 698.9 | 721.9 | 744.8 | 789.0 | 831.5 | 872.4 | 910.1 |
| 155° | 600.8 | 605.7 | 617.1 | 646.6 | 687.5 | 708.7 | 730.1 | 772.6 | 811.9 | 847.9 | 882.3 |
| 157.5° | 608.9 | 612.2 | 620.3 | 641.7 | 674.4 | 694.0 | 713.6 | 751.3 | 787.3 | 823.4 | 851.2 |
| 160° | 615.4 | 617.1 | 623.7 | 640.0 | 662.9 | 677.7 | 695.6 | 730.1 | 762.8 | 793.9 | 820.0 |
| 162.5° | 622.0 | 622.0 | 626.9 | 636.8 | 653.1 | 662.9 | 676.0 | 705.5 | 735.0 | 762.8 | 787.3 |
| 165° | 625.2 | 625.2 | 628.6 | 635.1 | 644.9 | 651.5 | 659.7 | 679.3 | 702.2 | 726.7 | 749.7 |
| 167.5° | 628.6 | 628.6 | 630.2 | 633.5 | 640.0 | 643.2 | 646.6 | 659.7 | 674.4 | 692.4 | 710.4 |
| 170° | 631.8 | 630.2 | 630.2 | 633.5 | 635.1 | 636.8 | 638.4 | 644.9 | 651.5 | 662.9 | 672.7 |
| 172.5° | 631.8 | 630.2 | 630.2 | 631.8 | 631.8 | 631.8 | 631.8 | 633.5 | 635.1 | 641.7 | 644.9 |
| 175° | 631.8 | 630.2 | 630.2 | 630.2 | 630.2 | 628.6 | 628.6 | 628.6 | 628.6 | 628.6 | 630.2 |
| 177.5° | 631.8 | 630.2 | 628.6 | 628.6 | 626.9 | 626.9 | 625.2 | 625.2 | 623.7 | 623.7 | 623.7 |
| 180° | 620.3 | 620.3 | 620.3 | 620.3 | 620.3 | 620.3 | 620.3 | 620.3 | 620.3 | 620.3 | 620.3 |



TEST NUMBER: P395033

CATALOG NUMBER: I3-CL-80L930-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 0° | 461.6 | 461.6 | 461.6 | 461.6 | 461.6 | 461.6 | 461.6 | 461.6 | 461.6 | 461.6 |
| 2.5° | 463.2 | 463.2 | 461.6 | 461.6 | 460.0 | 460.0 | 458.3 | 456.7 | 455.0 | 455.0 |
| 5° | 464.9 | 463.2 | 461.6 | 461.6 | 461.6 | 460.0 | 460.0 | 460.0 | 458.3 | 458.3 |
| 7.5° | 464.9 | 464.9 | 464.9 | 463.2 | 463.2 | 463.2 | 463.2 | 463.2 | 461.6 | 461.6 |
| 10° | 466.5 | 466.5 | 466.5 | 466.5 | 466.5 | 466.5 | 466.5 | 464.9 | 464.9 | 464.9 |
| 12.5° | 466.5 | 466.5 | 466.5 | 468.1 | 468.1 | 468.1 | 468.1 | 468.1 | 468.1 | 468.1 |
| 15° | 468.1 | 468.1 | 469.8 | 469.8 | 471.4 | 471.4 | 473.0 | 473.0 | 473.0 | 471.4 |
| 17.5° | 466.5 | 468.1 | 469.8 | 471.4 | 473.0 | 473.0 | 474.7 | 474.7 | 474.7 | 474.7 |
| 20° | 466.5 | 469.8 | 471.4 | 473.0 | 474.7 | 474.7 | 476.3 | 478.0 | 478.0 | 476.3 |
| 22.5° | 464.9 | 468.1 | 469.8 | 473.0 | 474.7 | 474.7 | 478.0 | 478.0 | 478.0 | 478.0 |
| 25° | 463.2 | 466.5 | 469.8 | 473.0 | 474.7 | 474.7 | 478.0 | 478.0 | 479.6 | 479.6 |
| 27.5° | 460.0 | 463.2 | 468.1 | 471.4 | 473.0 | 474.7 | 476.3 | 478.0 | 478.0 | 478.0 |
| 30° | 455.0 | 460.0 | 464.9 | 468.1 | 469.8 | 471.4 | 473.0 | 474.7 | 476.3 | 476.3 |
| 32.5° | 448.5 | 453.4 | 458.3 | 463.2 | 464.9 | 466.5 | 469.8 | 471.4 | 471.4 | 471.4 |
| 35° | 442.0 | 446.9 | 451.8 | 456.7 | 458.3 | 460.0 | 463.2 | 464.9 | 466.5 | 466.5 |
| 37.5° | 432.1 | 437.1 | 442.0 | 446.9 | 448.5 | 451.8 | 455.0 | 456.7 | 456.7 | 456.7 |
| 40° | 417.4 | 425.5 | 432.1 | 437.1 | 438.7 | 442.0 | 443.6 | 446.9 | 446.9 | 446.9 |
| 42.5° | 404.3 | 410.8 | 415.7 | 422.3 | 424.0 | 428.9 | 432.1 | 433.8 | 435.4 | 435.4 |
| 45° | 389.6 | 396.2 | 401.1 | 406.0 | 407.6 | 410.8 | 414.1 | 415.7 | 417.4 | 419.1 |
| 47.5° | 374.8 | 379.7 | 384.6 | 389.6 | 391.2 | 394.5 | 397.7 | 399.4 | 401.1 | 401.1 |
| 50° | 356.8 | 361.7 | 366.7 | 371.6 | 373.2 | 376.5 | 378.1 | 379.7 | 381.4 | 381.4 |
| 52.5° | 337.2 | 342.1 | 347.0 | 351.9 | 353.6 | 355.2 | 358.5 | 360.1 | 361.7 | 361.7 |
| 55° | 317.6 | 322.5 | 325.8 | 330.7 | 332.2 | 333.9 | 335.6 | 338.8 | 340.5 | 338.8 |
| 57.5° | 294.6 | 299.5 | 302.8 | 307.8 | 309.3 | 311.0 | 312.7 | 314.2 | 315.9 | 315.9 |
| 60° | 270.1 | 275.0 | 279.9 | 283.2 | 284.8 | 286.4 | 288.1 | 289.8 | 291.3 | 291.3 |
| 62.5° | 245.5 | 250.4 | 253.7 | 258.6 | 260.3 | 260.3 | 261.9 | 263.5 | 265.2 | 265.2 |
| 65° | 220.9 | 225.9 | 227.5 | 232.4 | 232.4 | 234.1 | 235.7 | 237.4 | 237.4 | 237.4 |
| 67.5° | 194.8 | 199.7 | 201.4 | 204.6 | 204.6 | 206.3 | 207.9 | 209.5 | 209.5 | 209.5 |
| 70° | 170.2 | 171.9 | 175.1 | 176.8 | 178.4 | 178.4 | 180.0 | 181.7 | 183.3 | 181.7 |
| 72.5° | 144.0 | 145.7 | 149.0 | 150.6 | 150.6 | 152.2 | 152.2 | 153.9 | 155.5 | 155.5 |
| 75° | 117.9 | 121.1 | 122.8 | 124.4 | 126.1 | 126.1 | 127.7 | 129.3 | 129.3 | 129.3 |
| 77.5° | 93.3 | 96.6 | 98.2 | 99.8 | 101.5 | 101.5 | 103.1 | 103.1 | 104.7 | 103.1 |
| 80° | 72.0 | 73.6 | 75.3 | 76.9 | 78.6 | 78.6 | 80.2 | 81.8 | 81.8 | 81.8 |
| 82.5° | 52.4 | 54.0 | 57.3 | 58.9 | 58.9 | 58.9 | 62.2 | 62.2 | 63.8 | 62.2 |
| 85° | 36.0 | 37.7 | 40.9 | 42.6 | 44.2 | 44.2 | 44.2 | 45.8 | 47.5 | 45.8 |
| 87.5° | 22.9 | 26.2 | 27.8 | 29.5 | 29.5 | 29.5 | 31.1 | 32.7 | 32.7 | 32.7 |
| 90° | 13.1 | 13.1 | 14.7 | 16.4 | 16.4 | 18.0 | 18.0 | 19.7 | 19.7 | 19.7 |
| 92.5° | 13.1 | 14.7 | 14.7 | 14.7 | 16.4 | 16.4 | 16.4 | 18.0 | 18.0 | 18.0 |
| 95° | 111.3 | 80.2 | 45.8 | 36.0 | 31.1 | 31.1 | 29.5 | 31.1 | 29.5 | 29.5 |
| 97.5° | 337.2 | 365.0 | 378.1 | 396.2 | 406.0 | 404.3 | 397.7 | 404.3 | 399.4 | 404.3 |
| 100° | 479.6 | 505.8 | 525.4 | 530.4 | 540.2 | 545.1 | 563.1 | 576.2 | 582.7 | 590.9 |
| 102.5° | 595.8 | 626.9 | 649.8 | 662.9 | 672.7 | 679.3 | 700.6 | 720.2 | 730.1 | 736.6 |
| 105° | 702.2 | 735.0 | 762.8 | 775.9 | 787.3 | 793.9 | 816.8 | 839.7 | 854.4 | 862.6 |
| 107.5° | 787.3 | 824.9 | 854.4 | 874.1 | 885.5 | 897.0 | 924.8 | 947.8 | 965.7 | 973.9 |
| 110° | 864.3 | 901.9 | 933.0 | 955.9 | 969.0 | 980.5 | 1011.6 | 1037.7 | 1057.4 | 1067.2 |



TEST NUMBER: P395033

CATALOG NUMBER: I3-CL-80L930-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 928.1 | 969.0 | 1000.2 | 1024.6 | 1037.7 | 1054.1 | 1083.6 | 1113.0 | 1132.7 | 1144.2 |
| 115° | 980.5 | 1023.1 | 1055.8 | 1082.0 | 1096.7 | 1111.5 | 1145.8 | 1175.3 | 1194.9 | 1203.1 |
| 117.5° | 1024.6 | 1067.2 | 1101.6 | 1127.8 | 1144.2 | 1160.5 | 1194.9 | 1221.1 | 1242.3 | 1248.9 |
| 120° | 1060.7 | 1103.2 | 1137.6 | 1167.1 | 1183.4 | 1198.2 | 1230.9 | 1258.8 | 1278.4 | 1283.3 |
| 122.5° | 1085.2 | 1129.5 | 1165.4 | 1198.2 | 1212.9 | 1227.7 | 1258.8 | 1286.6 | 1304.6 | 1309.5 |
| 125° | 1103.2 | 1149.1 | 1185.1 | 1219.4 | 1234.2 | 1248.9 | 1278.4 | 1306.2 | 1320.9 | 1327.5 |
| 127.5° | 1114.7 | 1160.5 | 1199.8 | 1232.6 | 1248.9 | 1262.0 | 1291.5 | 1316.0 | 1330.7 | 1335.6 |
| 130° | 1118.0 | 1165.4 | 1204.7 | 1239.1 | 1253.8 | 1266.9 | 1294.7 | 1319.3 | 1332.4 | 1335.6 |
| 132.5° | 1118.0 | 1163.8 | 1204.7 | 1237.4 | 1252.2 | 1265.3 | 1291.5 | 1314.4 | 1327.5 | 1330.7 |
| 135° | 1111.5 | 1155.6 | 1196.5 | 1229.3 | 1244.0 | 1257.1 | 1283.3 | 1302.9 | 1316.0 | 1317.7 |
| 137.5° | 1100.0 | 1142.5 | 1181.8 | 1214.5 | 1229.3 | 1242.3 | 1265.3 | 1286.6 | 1298.0 | 1301.3 |
| 140° | 1085.2 | 1124.5 | 1163.8 | 1194.9 | 1209.6 | 1221.1 | 1244.0 | 1262.0 | 1273.5 | 1276.7 |
| 142.5° | 1065.6 | 1104.9 | 1140.9 | 1172.0 | 1183.4 | 1196.5 | 1216.2 | 1234.2 | 1244.0 | 1247.3 |
| 145° | 1044.3 | 1082.0 | 1114.7 | 1142.5 | 1155.6 | 1167.1 | 1185.1 | 1201.4 | 1211.3 | 1214.5 |
| 147.5° | 1016.5 | 1054.1 | 1085.2 | 1111.5 | 1122.9 | 1134.4 | 1150.7 | 1165.4 | 1175.3 | 1178.5 |
| 150° | 982.1 | 1016.5 | 1049.2 | 1073.8 | 1085.2 | 1096.7 | 1113.0 | 1126.1 | 1135.9 | 1137.6 |
| 152.5° | 947.8 | 980.5 | 1008.3 | 1032.9 | 1044.3 | 1055.8 | 1070.5 | 1083.6 | 1095.0 | 1095.0 |
| 155° | 915.0 | 942.8 | 969.0 | 990.3 | 1000.2 | 1009.9 | 1024.6 | 1036.1 | 1046.0 | 1046.0 |
| 157.5° | 880.6 | 906.9 | 928.1 | 947.8 | 955.9 | 964.1 | 977.2 | 987.0 | 995.2 | 993.6 |
| 160° | 847.9 | 867.5 | 887.2 | 903.5 | 911.8 | 918.3 | 928.1 | 936.2 | 944.5 | 942.8 |
| 162.5° | 811.9 | 829.9 | 846.3 | 857.7 | 864.3 | 869.2 | 879.0 | 887.2 | 892.1 | 892.1 |
| 165° | 771.0 | 787.3 | 802.0 | 813.5 | 820.0 | 823.4 | 831.5 | 836.5 | 841.4 | 841.4 |
| 167.5° | 728.4 | 741.5 | 754.6 | 764.4 | 771.0 | 774.2 | 782.4 | 785.7 | 792.2 | 790.6 |
| 170° | 685.8 | 695.6 | 705.5 | 713.6 | 717.0 | 720.2 | 726.7 | 730.1 | 733.3 | 733.3 |
| 172.5° | 651.5 | 654.7 | 659.7 | 666.2 | 666.2 | 667.8 | 671.1 | 672.7 | 674.4 | 674.4 |
| 175° | 631.8 | 633.5 | 633.5 | 633.5 | 633.5 | 633.5 | 635.1 | 633.5 | 635.1 | 633.5 |
| 177.5° | 623.7 | 623.7 | 622.0 | 622.0 | 620.3 | 622.0 | 620.3 | 618.8 | 618.8 | 617.1 |
| 180° | 620.3 | 620.3 | 620.3 | 620.3 | 620.3 | 620.3 | 620.3 | 620.3 | 620.3 | 620.3 |

(END OF REPORT)