

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: P395602

Luminaire Tested: **I3-FL-60L83050-1D-UNV-W2A-W-4 (3000K)**

Issue Date: 5/6/2020

Test Information

Test Method: LM-79-08
Report Number: P395602
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2001-656-4)
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: I3-FL-60L83050-1D-UNV-W2A-W-4 (3000K)
Description: CORELITE I3, FROSTED TOP COVER
6000 LUMENS, VIVIDTUNE TUNABLE WHITE
Light Source: 3000K/5000K CCT, 80 CRI LEDS, TUNED TO 3000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5191.9 lumens
Efficiency: N/A
Efficacy: 118.0 lumens/watt
Spacing Criteria (0/90/45): 1.31 / 1.43 / 1.49
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 3.92' x H: 0.17')
CIE Type: Semi-Indirect

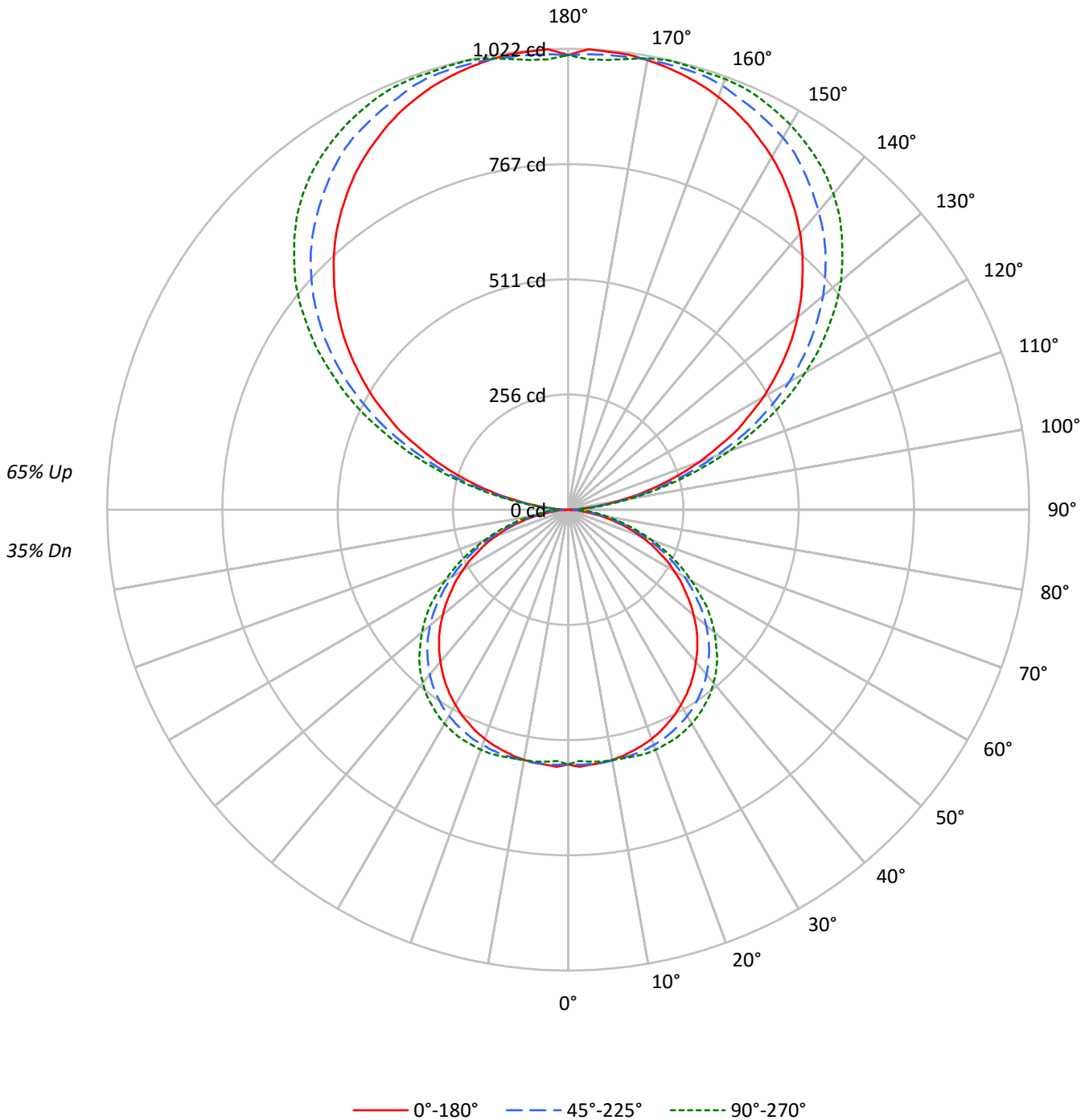
Input Watts (W): 44
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P395602

CATALOG NUMBER: I3-FL-60L83050-1D-UNV-W2A-W-4 (3000K)

Luminous Intensity Polar Plot





TEST NUMBER: P395602

CATALOG NUMBER: I3-FL-60L83050-1D-UNV-W2A-W-4 (3000K)

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 | 104 | 104 | 104 | 104 | 94 | 94 | 94 | 94 | 75 | 75 | 75 | 58 | 58 | 58 | 43 | 43 | 43 | 35 | | | | |
| 1 | 94 | 90 | 86 | 83 | 85 | 81 | 78 | 75 | 66 | 63 | 61 | 51 | 49 | 48 | 37 | 36 | 36 | 29 | | | | |
| 2 | 86 | 78 | 72 | 67 | 77 | 71 | 66 | 61 | 57 | 53 | 50 | 44 | 42 | 40 | 33 | 31 | 30 | 24 | | | | |
| 3 | 78 | 69 | 61 | 55 | 70 | 62 | 56 | 51 | 50 | 46 | 42 | 39 | 36 | 33 | 29 | 27 | 25 | 20 | | | | |
| 4 | 71 | 60 | 53 | 47 | 64 | 55 | 48 | 43 | 44 | 39 | 35 | 35 | 31 | 28 | 25 | 23 | 21 | 17 | | | | |
| 5 | 65 | 54 | 46 | 40 | 59 | 49 | 42 | 36 | 39 | 34 | 30 | 31 | 27 | 24 | 23 | 20 | 18 | 15 | | | | |
| 6 | 60 | 48 | 40 | 34 | 54 | 44 | 37 | 31 | 35 | 30 | 26 | 28 | 24 | 21 | 21 | 18 | 16 | 13 | | | | |
| 7 | 55 | 43 | 35 | 30 | 50 | 39 | 32 | 27 | 32 | 27 | 23 | 25 | 21 | 18 | 19 | 16 | 14 | 11 | | | | |
| 8 | 51 | 39 | 31 | 26 | 46 | 35 | 29 | 24 | 29 | 24 | 20 | 23 | 19 | 16 | 17 | 14 | 13 | 10 | | | | |
| 9 | 47 | 35 | 28 | 23 | 43 | 32 | 26 | 21 | 26 | 21 | 18 | 21 | 17 | 15 | 16 | 13 | 11 | 9 | | | | |
| 10 | 44 | 32 | 25 | 20 | 40 | 30 | 23 | 19 | 24 | 19 | 16 | 19 | 16 | 13 | 14 | 12 | 10 | 8 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 3105 | 3105 | 3105 |
| 5° | 3121 | 3054 | 3006 |
| 10° | 3122 | 3012 | 2970 |
| 15° | 3115 | 2986 | 2958 |
| 20° | 3115 | 2960 | 2954 |
| 25° | 3107 | 2934 | 2943 |
| 30° | 3096 | 2906 | 2916 |
| 35° | 3081 | 2860 | 2873 |
| 40° | 3050 | 2799 | 2810 |
| 45° | 3019 | 2712 | 2724 |
| 50° | 2950 | 2593 | 2591 |
| 55° | 2865 | 2429 | 2436 |
| 60° | 2768 | 2238 | 2200 |
| 65° | 2633 | 2006 | 1954 |
| 70° | 2445 | 1710 | 1651 |
| 75° | 2128 | 1358 | 1314 |
| 80° | 1660 | 966 | 961 |
| 85° | 899 | 553 | 631 |



TEST NUMBER: P395602

CATALOG NUMBER: I3-FL-60L83050-1D-UNV-W2A-W-4 (3000K)

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 53.9 | 1.0 |
| 10°-20° | 158.4 | 3.1 |
| 20°-30° | 249.8 | 4.8 |
| 30°-40° | 314.0 | 6.0 |
| 40°-50° | 337.6 | 6.5 |
| 50°-60° | 310.5 | 6.0 |
| 60°-70° | 237.9 | 4.6 |
| 70°-80° | 135.5 | 2.6 |
| 80°-90° | 42.3 | 0.8 |
| 90°-100° | 56.6 | 1.1 |
| 100°-110° | 246.1 | 4.7 |
| 110°-120° | 450.5 | 8.7 |
| 120°-130° | 580.6 | 11.2 |
| 130°-140° | 617.8 | 11.9 |
| 140°-150° | 568.4 | 10.9 |
| 150°-160° | 450.3 | 8.7 |
| 160°-170° | 285.2 | 5.5 |
| 170°-180° | 96.5 | 1.9 |
| 0°-30° | 462.1 | 8.9 |
| 0°-40° | 776.1 | 14.9 |
| 0°-60° | 1424.2 | 27.4 |
| 0°-90° | 1839.9 | 35.4 |
| 90°-120° | 753.1 | 14.5 |
| 90°-150° | 2520.0 | 48.5 |
| 90°-180° | 3352.0 | 64.6 |
| 0°-180° | 5191.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|------|-------|------|-------|------|------|
| 0° | 565 | 565 | 565 | 565 | 565 | |
| 5° | 568 | 562 | 566 | 564 | 561 | 54 |
| 15° | 554 | 551 | 562 | 566 | 566 | 156 |
| 25° | 522 | 524 | 544 | 556 | 561 | 241 |
| 35° | 473 | 479 | 506 | 522 | 528 | 296 |
| 45° | 405 | 415 | 442 | 460 | 467 | 312 |
| 55° | 317 | 330 | 350 | 368 | 375 | 284 |
| 65° | 221 | 228 | 242 | 253 | 258 | 219 |
| 75° | 116 | 119 | 127 | 134 | 139 | 123 |
| 85° | 21 | 27 | 35 | 45 | 48 | 27 |
| 90° | 1 | 4 | 13 | 18 | 21 | 3 |
| 95° | 38 | 37 | 41 | 47 | 48 | 48 |
| 105° | 208 | 218 | 235 | 249 | 253 | 221 |
| 115° | 409 | 428 | 462 | 486 | 498 | 401 |
| 125° | 585 | 610 | 657 | 690 | 704 | 522 |
| 135° | 735 | 759 | 807 | 841 | 858 | 567 |
| 145° | 855 | 874 | 913 | 940 | 956 | 535 |
| 155° | 943 | 954 | 978 | 998 | 1007 | 435 |
| 165° | 997 | 997 | 1011 | 1018 | 1019 | 282 |
| 175° | 1019 | 1012 | 1012 | 1008 | 1001 | 97 |
| 180° | 1008 | 1008 | 1008 | 1008 | 1008 | |



TEST NUMBER: P395602

CATALOG NUMBER: I3-FL-60L83050-1D-UNV-W2A-W-4 (3000K)

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 564.9 | 564.9 | 564.9 | 564.9 | 564.9 | 564.9 | 564.9 | 564.9 | 564.9 | 564.9 | 564.9 |
| 2.5° | 570.6 | 569.2 | 567.7 | 564.9 | 564.9 | 563.5 | 563.5 | 563.5 | 563.5 | 564.9 | 566.3 |
| 5° | 567.7 | 567.7 | 566.3 | 563.5 | 563.5 | 562.1 | 562.1 | 563.5 | 562.1 | 563.5 | 566.3 |
| 7.5° | 566.3 | 566.3 | 564.9 | 562.1 | 562.1 | 562.1 | 562.1 | 562.1 | 562.1 | 563.5 | 566.3 |
| 10° | 563.5 | 563.5 | 560.7 | 559.3 | 559.3 | 559.3 | 559.3 | 560.7 | 560.7 | 562.1 | 564.9 |
| 12.5° | 559.3 | 557.8 | 556.4 | 555.0 | 555.0 | 555.0 | 556.4 | 557.8 | 557.8 | 560.7 | 563.5 |
| 15° | 553.6 | 553.6 | 552.2 | 550.8 | 550.8 | 550.8 | 552.2 | 553.6 | 555.0 | 557.8 | 562.1 |
| 17.5° | 547.9 | 547.9 | 546.5 | 546.5 | 546.5 | 546.5 | 547.9 | 549.3 | 552.2 | 555.0 | 559.3 |
| 20° | 540.8 | 540.8 | 539.4 | 539.4 | 539.4 | 540.8 | 540.8 | 543.7 | 546.5 | 550.8 | 555.0 |
| 22.5° | 532.4 | 532.4 | 532.4 | 530.9 | 532.4 | 533.8 | 535.2 | 538.0 | 540.8 | 545.1 | 550.8 |
| 25° | 522.4 | 522.4 | 522.4 | 522.4 | 523.9 | 523.9 | 526.7 | 529.5 | 532.4 | 538.0 | 543.7 |
| 27.5° | 512.5 | 512.5 | 512.5 | 511.1 | 513.9 | 515.4 | 516.8 | 521.0 | 523.9 | 530.9 | 536.6 |
| 30° | 499.8 | 499.8 | 499.8 | 501.2 | 502.6 | 504.0 | 506.9 | 511.1 | 513.9 | 521.0 | 528.1 |
| 32.5° | 487.0 | 487.0 | 487.0 | 487.0 | 491.3 | 492.7 | 494.1 | 498.4 | 504.0 | 511.1 | 518.2 |
| 35° | 472.9 | 472.9 | 472.9 | 474.3 | 477.1 | 478.6 | 481.4 | 485.6 | 491.3 | 498.4 | 505.5 |
| 37.5° | 457.3 | 458.7 | 458.7 | 460.1 | 463.0 | 465.8 | 468.6 | 472.9 | 478.6 | 485.6 | 492.7 |
| 40° | 440.3 | 441.7 | 441.7 | 443.2 | 446.0 | 448.8 | 451.7 | 457.3 | 463.0 | 470.1 | 477.1 |
| 42.5° | 423.3 | 424.7 | 424.7 | 427.6 | 430.4 | 433.2 | 436.1 | 441.7 | 447.4 | 454.5 | 460.1 |
| 45° | 404.9 | 406.3 | 406.3 | 409.2 | 413.4 | 414.8 | 419.1 | 424.7 | 430.4 | 436.1 | 441.7 |
| 47.5° | 385.1 | 386.5 | 386.5 | 389.4 | 393.6 | 396.4 | 399.3 | 404.9 | 409.2 | 416.3 | 421.9 |
| 50° | 362.5 | 363.9 | 365.3 | 368.1 | 373.8 | 376.6 | 379.4 | 383.7 | 389.4 | 393.6 | 399.3 |
| 52.5° | 341.2 | 341.2 | 342.6 | 345.5 | 349.7 | 352.5 | 354.0 | 358.2 | 365.3 | 370.9 | 376.6 |
| 55° | 317.1 | 318.6 | 320.0 | 322.8 | 327.1 | 329.9 | 331.3 | 335.6 | 339.8 | 344.0 | 349.7 |
| 57.5° | 295.9 | 295.9 | 297.3 | 300.2 | 304.4 | 305.8 | 307.2 | 310.1 | 315.7 | 320.0 | 324.2 |
| 60° | 270.4 | 271.8 | 273.3 | 276.1 | 278.9 | 281.8 | 281.8 | 286.0 | 290.2 | 294.5 | 297.3 |
| 62.5° | 247.8 | 247.8 | 249.2 | 252.0 | 253.4 | 256.3 | 256.3 | 260.5 | 263.3 | 267.6 | 270.4 |
| 65° | 220.9 | 222.3 | 223.7 | 225.1 | 227.9 | 227.9 | 229.4 | 232.2 | 235.0 | 237.9 | 242.1 |
| 67.5° | 196.8 | 196.8 | 198.2 | 199.6 | 201.0 | 201.0 | 202.5 | 205.3 | 208.1 | 211.0 | 213.8 |
| 70° | 169.9 | 171.3 | 171.3 | 171.3 | 172.7 | 174.1 | 175.6 | 177.0 | 179.8 | 181.2 | 184.1 |
| 72.5° | 143.0 | 143.0 | 144.4 | 144.4 | 145.8 | 147.2 | 148.7 | 150.1 | 151.5 | 154.3 | 155.7 |
| 75° | 116.1 | 116.1 | 117.5 | 117.5 | 118.9 | 118.9 | 118.9 | 121.8 | 123.2 | 126.0 | 127.4 |
| 77.5° | 89.2 | 90.6 | 90.6 | 90.6 | 92.0 | 93.4 | 93.4 | 94.9 | 97.7 | 99.1 | 100.5 |
| 80° | 65.1 | 65.1 | 65.1 | 65.1 | 66.5 | 68.0 | 69.4 | 69.4 | 72.2 | 75.0 | 76.5 |
| 82.5° | 41.1 | 41.1 | 42.5 | 43.9 | 43.9 | 45.3 | 46.7 | 48.1 | 51.0 | 52.4 | 53.8 |
| 85° | 21.2 | 21.2 | 22.7 | 24.1 | 25.5 | 26.9 | 26.9 | 28.3 | 31.1 | 34.0 | 35.4 |
| 87.5° | 7.1 | 8.5 | 8.5 | 9.9 | 11.3 | 12.7 | 14.2 | 15.6 | 18.4 | 21.2 | 22.7 |
| 90° | 1.4 | 1.4 | 1.4 | 2.8 | 4.2 | 4.2 | 5.7 | 7.1 | 8.5 | 9.9 | 12.7 |
| 92.5° | 12.7 | 12.7 | 11.3 | 12.7 | 12.7 | 12.7 | 12.7 | 14.2 | 15.6 | 15.6 | 18.4 |
| 95° | 38.2 | 36.8 | 36.8 | 36.8 | 36.8 | 36.8 | 36.8 | 38.2 | 39.6 | 39.6 | 41.1 |
| 97.5° | 73.6 | 73.6 | 72.2 | 72.2 | 73.6 | 73.6 | 73.6 | 75.0 | 77.9 | 76.5 | 79.3 |
| 100° | 114.7 | 114.7 | 113.3 | 114.7 | 116.1 | 117.5 | 120.3 | 120.3 | 123.2 | 123.2 | 127.4 |
| 102.5° | 161.4 | 161.4 | 160.0 | 162.8 | 164.2 | 167.1 | 167.1 | 169.9 | 174.1 | 174.1 | 179.8 |
| 105° | 208.1 | 209.5 | 209.5 | 212.4 | 215.2 | 218.0 | 218.0 | 222.3 | 227.9 | 227.9 | 235.0 |
| 107.5° | 259.1 | 260.5 | 260.5 | 263.3 | 266.2 | 269.0 | 270.4 | 276.1 | 281.8 | 283.2 | 291.7 |
| 110° | 308.7 | 310.1 | 311.5 | 314.3 | 317.1 | 321.4 | 324.2 | 329.9 | 337.0 | 339.8 | 346.9 |



TEST NUMBER: P395602

CATALOG NUMBER: I3-FL-60L83050-1D-UNV-W2A-W-4 (3000K)

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 355.4 | 361.0 | 362.5 | 366.7 | 370.9 | 375.2 | 378.0 | 385.1 | 393.6 | 397.8 | 406.3 |
| 115° | 409.2 | 412.0 | 413.4 | 417.7 | 423.3 | 427.6 | 430.4 | 437.5 | 446.0 | 451.7 | 461.6 |
| 117.5° | 453.1 | 460.1 | 461.6 | 465.8 | 471.5 | 475.7 | 478.6 | 487.0 | 497.0 | 504.0 | 513.9 |
| 120° | 499.8 | 505.5 | 511.1 | 513.9 | 518.2 | 523.9 | 526.7 | 535.2 | 546.5 | 553.6 | 564.9 |
| 122.5° | 542.3 | 547.9 | 553.6 | 557.8 | 563.5 | 566.3 | 570.6 | 580.5 | 591.8 | 600.3 | 611.6 |
| 125° | 584.7 | 591.8 | 596.1 | 600.3 | 607.4 | 610.2 | 614.5 | 624.4 | 635.7 | 645.6 | 656.9 |
| 127.5° | 625.8 | 630.0 | 637.1 | 640.0 | 647.0 | 649.9 | 654.1 | 665.4 | 676.8 | 686.7 | 698.0 |
| 130° | 664.0 | 669.7 | 675.4 | 676.8 | 685.3 | 689.5 | 693.8 | 703.7 | 716.4 | 726.3 | 737.6 |
| 132.5° | 700.8 | 703.7 | 710.7 | 715.0 | 722.1 | 726.3 | 730.6 | 739.1 | 751.8 | 761.7 | 773.0 |
| 135° | 734.8 | 737.6 | 746.1 | 750.4 | 754.6 | 758.9 | 764.5 | 773.0 | 785.8 | 795.7 | 807.0 |
| 137.5° | 768.8 | 771.6 | 780.1 | 784.4 | 787.2 | 791.5 | 795.7 | 804.2 | 816.9 | 826.8 | 836.8 |
| 140° | 799.9 | 802.8 | 808.4 | 814.1 | 816.9 | 819.8 | 824.0 | 832.5 | 843.8 | 853.7 | 863.7 |
| 142.5° | 828.3 | 831.1 | 836.8 | 842.4 | 846.7 | 846.7 | 850.9 | 858.0 | 870.7 | 880.6 | 889.1 |
| 145° | 855.2 | 856.6 | 862.2 | 867.9 | 873.6 | 873.6 | 875.0 | 882.1 | 893.4 | 904.7 | 913.2 |
| 147.5° | 880.6 | 882.1 | 886.3 | 892.0 | 896.2 | 897.6 | 900.5 | 903.3 | 914.6 | 926.0 | 935.9 |
| 150° | 903.3 | 904.7 | 907.5 | 913.2 | 916.0 | 918.9 | 921.7 | 923.1 | 931.6 | 941.5 | 952.9 |
| 152.5° | 923.1 | 924.5 | 927.4 | 931.6 | 934.4 | 937.3 | 940.1 | 944.4 | 948.6 | 958.5 | 965.6 |
| 155° | 942.9 | 944.4 | 945.8 | 950.0 | 952.9 | 954.3 | 955.7 | 961.4 | 965.6 | 971.3 | 978.3 |
| 157.5° | 959.9 | 959.9 | 961.4 | 964.2 | 967.0 | 967.0 | 968.4 | 974.1 | 978.3 | 984.0 | 988.3 |
| 160° | 974.1 | 974.1 | 975.5 | 978.3 | 978.3 | 979.8 | 981.2 | 985.4 | 988.3 | 995.3 | 1001.0 |
| 162.5° | 986.8 | 985.4 | 986.8 | 988.3 | 988.3 | 988.3 | 989.7 | 992.5 | 996.7 | 1002.4 | 1008.1 |
| 165° | 996.7 | 996.7 | 996.7 | 998.2 | 998.2 | 996.7 | 996.7 | 999.6 | 1002.4 | 1006.7 | 1010.9 |
| 167.5° | 1005.2 | 1005.2 | 1003.8 | 1005.2 | 1003.8 | 1003.8 | 1002.4 | 1003.8 | 1005.2 | 1009.5 | 1012.3 |
| 170° | 1012.3 | 1010.9 | 1010.9 | 1010.9 | 1009.5 | 1008.1 | 1008.1 | 1008.1 | 1008.1 | 1010.9 | 1013.7 |
| 172.5° | 1018.0 | 1016.6 | 1015.2 | 1015.2 | 1012.3 | 1010.9 | 1010.9 | 1009.5 | 1009.5 | 1010.9 | 1012.3 |
| 175° | 1019.4 | 1018.0 | 1016.6 | 1016.6 | 1013.7 | 1012.3 | 1010.9 | 1010.9 | 1009.5 | 1010.9 | 1012.3 |
| 177.5° | 1022.2 | 1020.8 | 1018.0 | 1018.0 | 1015.2 | 1012.3 | 1012.3 | 1010.9 | 1009.5 | 1010.9 | 1010.9 |
| 180° | 1008.1 | 1008.1 | 1008.1 | 1008.1 | 1008.1 | 1008.1 | 1008.1 | 1008.1 | 1008.1 | 1008.1 | 1008.1 |



TEST NUMBER: P395602

CATALOG NUMBER: I3-FL-60L83050-1D-UNV-W2A-W-4 (3000K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 564.9 | 564.9 | 564.9 | 564.9 | 564.9 | 564.9 | 564.9 | 564.9 | 564.9 | 564.9 |
| 2.5° | 567.7 | 567.7 | 566.3 | 564.9 | 564.9 | 563.5 | 562.1 | 560.7 | 559.3 | 557.8 |
| 5° | 567.7 | 566.3 | 564.9 | 564.9 | 563.5 | 563.5 | 563.5 | 562.1 | 560.7 | 560.7 |
| 7.5° | 567.7 | 567.7 | 566.3 | 564.9 | 564.9 | 564.9 | 564.9 | 564.9 | 563.5 | 563.5 |
| 10° | 567.7 | 566.3 | 566.3 | 566.3 | 564.9 | 566.3 | 566.3 | 564.9 | 564.9 | 563.5 |
| 12.5° | 566.3 | 566.3 | 566.3 | 566.3 | 566.3 | 566.3 | 566.3 | 566.3 | 566.3 | 564.9 |
| 15° | 563.5 | 564.9 | 564.9 | 566.3 | 566.3 | 566.3 | 567.7 | 567.7 | 566.3 | 566.3 |
| 17.5° | 562.1 | 563.5 | 564.9 | 566.3 | 566.3 | 566.3 | 567.7 | 567.7 | 567.7 | 567.7 |
| 20° | 559.3 | 560.7 | 562.1 | 563.5 | 563.5 | 564.9 | 564.9 | 566.3 | 566.3 | 566.3 |
| 22.5° | 553.6 | 555.0 | 557.8 | 559.3 | 560.7 | 562.1 | 563.5 | 563.5 | 563.5 | 563.5 |
| 25° | 547.9 | 550.8 | 552.2 | 555.0 | 556.4 | 557.8 | 559.3 | 559.3 | 559.3 | 560.7 |
| 27.5° | 540.8 | 543.7 | 547.9 | 549.3 | 550.8 | 552.2 | 553.6 | 555.0 | 555.0 | 555.0 |
| 30° | 532.4 | 536.6 | 539.4 | 542.3 | 543.7 | 545.1 | 546.5 | 546.5 | 547.9 | 547.9 |
| 32.5° | 522.4 | 526.7 | 529.5 | 532.4 | 533.8 | 535.2 | 538.0 | 538.0 | 539.4 | 539.4 |
| 35° | 509.7 | 513.9 | 518.2 | 521.0 | 522.4 | 523.9 | 526.7 | 528.1 | 528.1 | 528.1 |
| 37.5° | 497.0 | 501.2 | 505.5 | 509.7 | 511.1 | 512.5 | 515.4 | 515.4 | 516.8 | 516.8 |
| 40° | 481.4 | 485.6 | 489.9 | 494.1 | 494.1 | 497.0 | 498.4 | 499.8 | 501.2 | 501.2 |
| 42.5° | 465.8 | 470.1 | 472.9 | 477.1 | 478.6 | 480.0 | 481.4 | 484.2 | 484.2 | 485.6 |
| 45° | 447.4 | 451.7 | 454.5 | 458.7 | 460.1 | 461.6 | 464.4 | 465.8 | 467.2 | 467.2 |
| 47.5° | 427.6 | 430.4 | 433.2 | 437.5 | 440.3 | 441.7 | 443.2 | 444.6 | 446.0 | 444.6 |
| 50° | 404.9 | 407.8 | 412.0 | 416.3 | 417.7 | 419.1 | 421.9 | 421.9 | 423.3 | 423.3 |
| 52.5° | 380.9 | 385.1 | 387.9 | 392.2 | 393.6 | 395.0 | 397.8 | 397.8 | 399.3 | 399.3 |
| 55° | 354.0 | 356.8 | 359.6 | 366.7 | 368.1 | 369.5 | 372.4 | 372.4 | 373.8 | 375.2 |
| 57.5° | 328.5 | 329.9 | 334.1 | 337.0 | 339.8 | 339.8 | 341.2 | 342.6 | 344.0 | 344.0 |
| 60° | 301.6 | 303.0 | 305.8 | 310.1 | 310.1 | 311.5 | 314.3 | 314.3 | 315.7 | 315.7 |
| 62.5° | 273.3 | 276.1 | 278.9 | 283.2 | 281.8 | 283.2 | 286.0 | 286.0 | 287.4 | 287.4 |
| 65° | 244.9 | 246.4 | 249.2 | 252.0 | 253.4 | 253.4 | 254.8 | 256.3 | 257.7 | 257.7 |
| 67.5° | 215.2 | 218.0 | 219.5 | 223.7 | 222.3 | 223.7 | 225.1 | 225.1 | 226.5 | 226.5 |
| 70° | 186.9 | 188.3 | 191.1 | 192.6 | 192.6 | 194.0 | 195.4 | 195.4 | 195.4 | 196.8 |
| 72.5° | 158.6 | 160.0 | 161.4 | 162.8 | 162.8 | 164.2 | 165.7 | 165.7 | 167.1 | 167.1 |
| 75° | 128.8 | 131.7 | 133.1 | 135.9 | 134.5 | 135.9 | 138.8 | 138.8 | 138.8 | 138.8 |
| 77.5° | 103.4 | 104.8 | 107.6 | 109.0 | 109.0 | 109.0 | 111.9 | 110.4 | 111.9 | 111.9 |
| 80° | 77.9 | 79.3 | 82.1 | 83.5 | 83.5 | 84.9 | 86.4 | 86.4 | 86.4 | 87.8 |
| 82.5° | 55.2 | 58.0 | 60.9 | 62.3 | 62.3 | 63.7 | 65.1 | 65.1 | 66.5 | 66.5 |
| 85° | 38.2 | 41.1 | 43.9 | 43.9 | 45.3 | 46.7 | 48.1 | 48.1 | 48.1 | 48.1 |
| 87.5° | 25.5 | 26.9 | 28.3 | 29.7 | 31.1 | 31.1 | 32.6 | 32.6 | 34.0 | 34.0 |
| 90° | 14.2 | 15.6 | 17.0 | 18.4 | 18.4 | 19.8 | 19.8 | 21.2 | 21.2 | 21.2 |
| 92.5° | 19.8 | 19.8 | 21.2 | 22.7 | 22.7 | 22.7 | 22.7 | 24.1 | 24.1 | 24.1 |
| 95° | 42.5 | 43.9 | 43.9 | 46.7 | 46.7 | 46.7 | 48.1 | 48.1 | 48.1 | 48.1 |
| 97.5° | 82.1 | 82.1 | 82.1 | 84.9 | 84.9 | 84.9 | 86.4 | 86.4 | 86.4 | 87.8 |
| 100° | 128.8 | 130.3 | 130.3 | 134.5 | 133.1 | 135.9 | 135.9 | 135.9 | 135.9 | 137.3 |
| 102.5° | 181.2 | 184.1 | 185.5 | 189.7 | 189.7 | 189.7 | 192.6 | 191.1 | 192.6 | 192.6 |
| 105° | 237.9 | 240.7 | 242.1 | 246.4 | 249.2 | 249.2 | 252.0 | 250.6 | 252.0 | 253.4 |
| 107.5° | 294.5 | 298.7 | 301.6 | 305.8 | 308.7 | 310.1 | 310.1 | 311.5 | 312.9 | 314.3 |
| 110° | 352.5 | 356.8 | 363.9 | 368.1 | 369.5 | 372.4 | 373.8 | 375.2 | 376.6 | 379.4 |



TEST NUMBER: P395602

CATALOG NUMBER: I3-FL-60L83050-1D-UNV-W2A-W-4 (3000K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 413.4 | 417.7 | 423.3 | 429.0 | 427.6 | 431.8 | 434.7 | 436.1 | 437.5 | 436.1 |
| 115° | 468.6 | 474.3 | 480.0 | 485.6 | 485.6 | 488.5 | 494.1 | 495.5 | 495.5 | 498.4 |
| 117.5° | 521.0 | 528.1 | 533.8 | 539.4 | 540.8 | 543.7 | 547.9 | 552.2 | 552.2 | 555.0 |
| 120° | 572.0 | 580.5 | 586.2 | 591.8 | 594.6 | 596.1 | 600.3 | 606.0 | 606.0 | 606.0 |
| 122.5° | 620.1 | 627.2 | 634.3 | 640.0 | 642.8 | 645.6 | 648.5 | 655.5 | 655.5 | 658.4 |
| 125° | 665.4 | 673.9 | 681.0 | 686.7 | 689.5 | 692.3 | 698.0 | 702.3 | 703.7 | 703.7 |
| 127.5° | 707.9 | 716.4 | 723.5 | 730.6 | 732.0 | 734.8 | 740.5 | 746.1 | 747.6 | 749.0 |
| 130° | 747.6 | 756.1 | 763.1 | 770.2 | 773.0 | 774.5 | 781.5 | 785.8 | 788.6 | 790.0 |
| 132.5° | 783.0 | 791.5 | 798.5 | 805.6 | 808.4 | 811.3 | 815.5 | 822.6 | 824.0 | 824.0 |
| 135° | 815.5 | 824.0 | 831.1 | 839.6 | 841.0 | 843.8 | 849.5 | 853.7 | 856.6 | 858.0 |
| 137.5° | 845.3 | 853.7 | 862.2 | 869.3 | 872.2 | 873.6 | 879.2 | 884.9 | 887.7 | 889.1 |
| 140° | 872.2 | 880.6 | 889.1 | 894.8 | 896.2 | 900.5 | 904.7 | 910.4 | 913.2 | 914.6 |
| 142.5° | 897.6 | 904.7 | 911.8 | 918.9 | 920.3 | 923.1 | 927.4 | 933.0 | 935.9 | 937.3 |
| 145° | 920.3 | 927.4 | 933.0 | 938.7 | 940.1 | 942.9 | 947.2 | 951.4 | 954.3 | 955.7 |
| 147.5° | 941.5 | 947.2 | 952.9 | 957.1 | 958.5 | 961.4 | 964.2 | 967.0 | 969.8 | 971.3 |
| 150° | 959.9 | 962.8 | 968.4 | 971.3 | 972.7 | 975.5 | 978.3 | 981.2 | 984.0 | 985.4 |
| 152.5° | 974.1 | 978.3 | 981.2 | 985.4 | 986.8 | 988.3 | 991.1 | 993.9 | 996.7 | 996.7 |
| 155° | 985.4 | 989.7 | 992.5 | 996.7 | 998.2 | 999.6 | 1002.4 | 1003.8 | 1006.7 | 1006.7 |
| 157.5° | 993.9 | 998.2 | 1001.0 | 1003.8 | 1005.2 | 1006.7 | 1008.1 | 1010.9 | 1013.7 | 1013.7 |
| 160° | 1003.8 | 1005.2 | 1006.7 | 1009.5 | 1009.5 | 1010.9 | 1012.3 | 1013.7 | 1016.6 | 1016.6 |
| 162.5° | 1012.3 | 1013.7 | 1010.9 | 1012.3 | 1010.9 | 1012.3 | 1013.7 | 1015.2 | 1016.6 | 1016.6 |
| 165° | 1015.2 | 1018.0 | 1016.6 | 1018.0 | 1018.0 | 1018.0 | 1018.0 | 1019.4 | 1019.4 | 1019.4 |
| 167.5° | 1015.2 | 1018.0 | 1016.6 | 1016.6 | 1018.0 | 1018.0 | 1019.4 | 1020.8 | 1020.8 | 1020.8 |
| 170° | 1015.2 | 1016.6 | 1015.2 | 1013.7 | 1015.2 | 1015.2 | 1015.2 | 1016.6 | 1016.6 | 1016.6 |
| 172.5° | 1013.7 | 1015.2 | 1012.3 | 1010.9 | 1010.9 | 1010.9 | 1009.5 | 1009.5 | 1008.1 | 1008.1 |
| 175° | 1012.3 | 1012.3 | 1009.5 | 1008.1 | 1008.1 | 1008.1 | 1005.2 | 1003.8 | 1002.4 | 1001.0 |
| 177.5° | 1010.9 | 1010.9 | 1006.7 | 1005.2 | 1005.2 | 1003.8 | 1003.8 | 1001.0 | 1001.0 | 999.6 |
| 180° | 1008.1 | 1008.1 | 1008.1 | 1008.1 | 1008.1 | 1008.1 | 1008.1 | 1008.1 | 1008.1 | 1008.1 |

(END OF REPORT)