

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: P395594

Luminaire Tested: **I3-FL-60L82765-1D-UNV-W2A-W-4 (2700K)**

Issue Date: 5/6/2020

Test Information

Test Method: LM-79-08
Report Number: P395594
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-60L82765-1D-UNV-W2A-W-4 (2700K)
Description: CORELITE I3, FROSTED TOP COVER
6000 LUMENS, VIVIDTUNE TUNABLE WHITE
Light Source: 2700K/6500K CCT, 80 CRI LEDS, TUNED TO 2700K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5038.3 lumens
Efficiency: N/A
Efficacy: 114.2 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

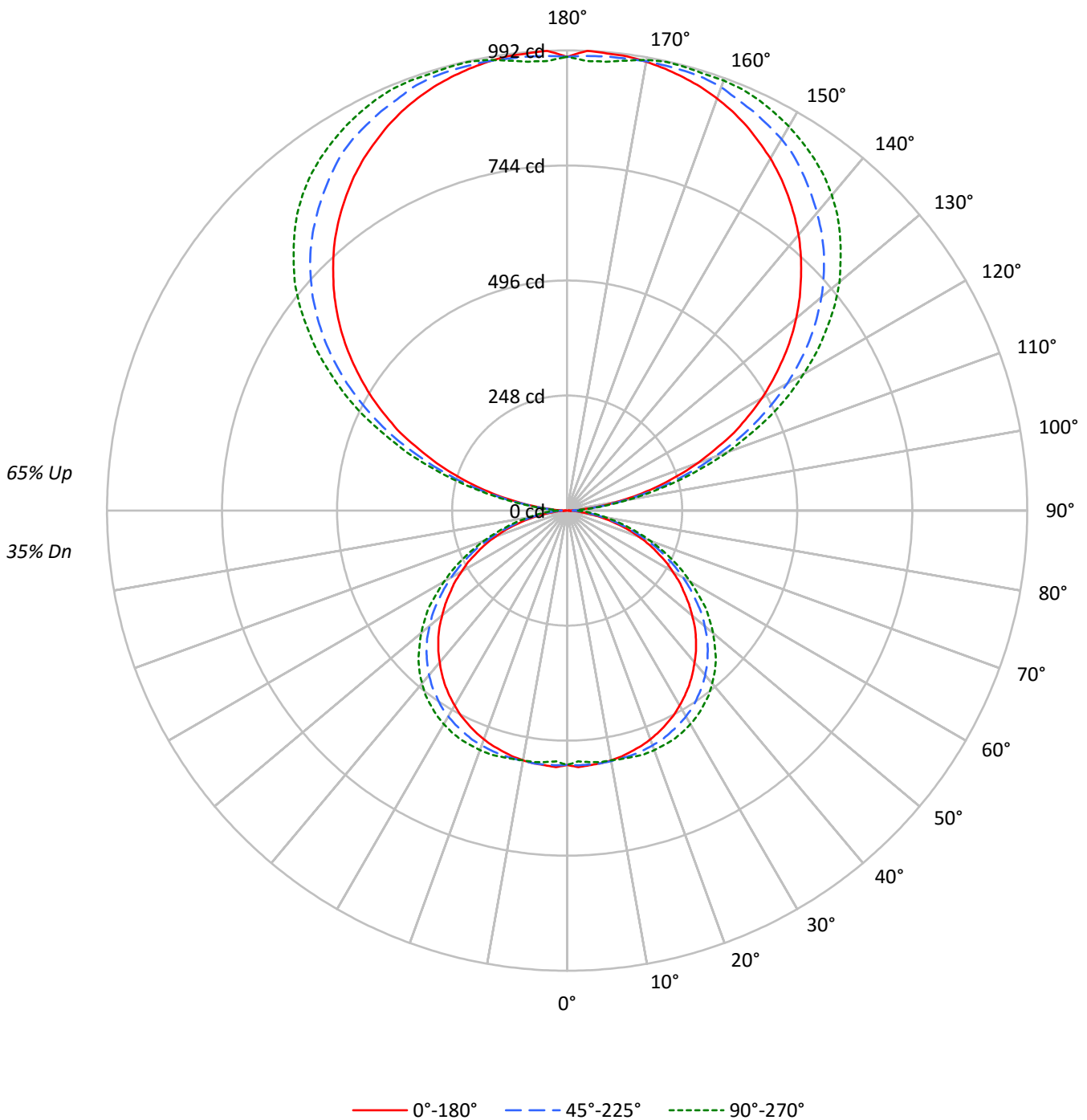
Input Watts (W): 44.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P395594

CATALOG NUMBER: I3-FL-60L82765-1D-UNV-W2A-W-4 (2700K)

Luminous Intensity Polar Plot





TEST NUMBER: P395594

CATALOG NUMBER: I3-FL-60L82765-1D-UNV-W2A-W-4 (2700K)

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 | 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° | 3013 | 3013 | 3013 |
| 5° | 3028 | 2963 | 2917 |
| 10° | 3029 | 2923 | 2882 |
| 15° | 3022 | 2897 | 2871 |
| 20° | 3023 | 2873 | 2867 |
| 25° | 3015 | 2847 | 2856 |
| 30° | 3004 | 2820 | 2830 |
| 35° | 2990 | 2775 | 2788 |
| 40° | 2960 | 2716 | 2727 |
| 45° | 2929 | 2633 | 2643 |
| 50° | 2862 | 2516 | 2514 |
| 55° | 2781 | 2358 | 2364 |
| 60° | 2687 | 2172 | 2135 |
| 65° | 2554 | 1946 | 1897 |
| 70° | 2373 | 1659 | 1602 |
| 75° | 2065 | 1319 | 1274 |
| 80° | 1612 | 937 | 933 |
| 85° | 874 | 536 | 612 |



TEST NUMBER: P395594

CATALOG NUMBER: I3-FL-60L82765-1D-UNV-W2A-W-4 (2700K)

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 52.3 | 1.0 |
| 10°-20° | 153.7 | 3.1 |
| 20°-30° | 242.4 | 4.8 |
| 30°-40° | 304.7 | 6.0 |
| 40°-50° | 327.6 | 6.5 |
| 50°-60° | 301.4 | 6.0 |
| 60°-70° | 230.9 | 4.6 |
| 70°-80° | 131.5 | 2.6 |
| 80°-90° | 41.1 | 0.8 |
| 90°-100° | 54.9 | 1.1 |
| 100°-110° | 238.8 | 4.7 |
| 110°-120° | 437.1 | 8.7 |
| 120°-130° | 563.5 | 11.2 |
| 130°-140° | 599.5 | 11.9 |
| 140°-150° | 551.6 | 10.9 |
| 150°-160° | 437.0 | 8.7 |
| 160°-170° | 276.7 | 5.5 |
| 170°-180° | 93.7 | 1.9 |
| 0°-30° | 448.4 | 8.9 |
| 0°-40° | 753.1 | 14.9 |
| 0°-60° | 1382.1 | 27.4 |
| 0°-90° | 1785.5 | 35.4 |
| 90°-120° | 730.8 | 14.5 |
| 90°-150° | 2445.4 | 48.5 |
| 90°-180° | 3253.0 | 64.6 |
| 0°-180° | 5038.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|-----|-------|-----|------|
| 0° | 548 | 548 | 548 | 548 | 548 | |
| 5° | 551 | 545 | 550 | 547 | 544 | 52 |
| 15° | 537 | 534 | 545 | 550 | 550 | 152 |
| 25° | 507 | 508 | 528 | 540 | 544 | 234 |
| 35° | 459 | 464 | 490 | 507 | 512 | 287 |
| 45° | 393 | 403 | 429 | 446 | 453 | 303 |
| 55° | 308 | 320 | 339 | 357 | 364 | 276 |
| 65° | 214 | 221 | 235 | 246 | 250 | 213 |
| 75° | 113 | 115 | 124 | 130 | 135 | 119 |
| 85° | 21 | 26 | 34 | 44 | 47 | 26 |
| 90° | 1 | 4 | 12 | 18 | 21 | 3 |
| 95° | 37 | 36 | 40 | 45 | 47 | 46 |
| 105° | 202 | 212 | 228 | 242 | 246 | 215 |
| 115° | 397 | 415 | 448 | 471 | 484 | 389 |
| 125° | 567 | 592 | 638 | 669 | 683 | 507 |
| 135° | 713 | 736 | 783 | 816 | 833 | 550 |
| 145° | 830 | 848 | 886 | 912 | 927 | 519 |
| 155° | 915 | 926 | 949 | 969 | 977 | 422 |
| 165° | 967 | 967 | 981 | 988 | 989 | 273 |
| 175° | 989 | 982 | 982 | 978 | 971 | 94 |
| 180° | 978 | 978 | 978 | 978 | 978 | |



TEST NUMBER: P395594

CATALOG NUMBER: I3-FL-60L82765-1D-UNV-W2A-W-4 (2700K)

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 548.2 | 548.2 | 548.2 | 548.2 | 548.2 | 548.2 | 548.2 | 548.2 | 548.2 | 548.2 | 548.2 |
| 2.5° | 553.7 | 552.3 | 550.9 | 548.2 | 548.2 | 546.8 | 546.8 | 546.8 | 546.8 | 548.2 | 549.6 |
| 5° | 550.9 | 550.9 | 549.6 | 546.8 | 546.8 | 545.4 | 545.4 | 546.8 | 545.4 | 546.8 | 549.6 |
| 7.5° | 549.6 | 549.6 | 548.2 | 545.4 | 545.4 | 545.4 | 545.4 | 545.4 | 545.4 | 546.8 | 549.6 |
| 10° | 546.8 | 546.8 | 544.1 | 542.7 | 542.7 | 542.7 | 542.7 | 544.1 | 544.1 | 545.4 | 548.2 |
| 12.5° | 542.7 | 541.3 | 540.0 | 538.6 | 538.6 | 538.6 | 540.0 | 541.3 | 541.3 | 544.1 | 546.8 |
| 15° | 537.2 | 537.2 | 535.8 | 534.5 | 534.5 | 534.5 | 535.8 | 537.2 | 538.6 | 541.3 | 545.4 |
| 17.5° | 531.7 | 531.7 | 530.3 | 530.3 | 530.3 | 530.3 | 531.7 | 533.1 | 535.8 | 538.6 | 542.7 |
| 20° | 524.8 | 524.8 | 523.5 | 523.5 | 523.5 | 524.8 | 524.8 | 527.6 | 530.3 | 534.5 | 538.6 |
| 22.5° | 516.6 | 516.6 | 516.6 | 515.2 | 516.6 | 518.0 | 519.3 | 522.1 | 524.8 | 529.0 | 534.5 |
| 25° | 507.0 | 507.0 | 507.0 | 507.0 | 508.4 | 508.4 | 511.1 | 513.8 | 516.6 | 522.1 | 527.6 |
| 27.5° | 497.4 | 497.4 | 497.4 | 496.0 | 498.7 | 500.1 | 501.5 | 505.6 | 508.4 | 515.2 | 520.7 |
| 30° | 485.0 | 485.0 | 485.0 | 486.4 | 487.7 | 489.1 | 491.9 | 496.0 | 498.7 | 505.6 | 512.5 |
| 32.5° | 472.6 | 472.6 | 472.6 | 472.6 | 476.8 | 478.1 | 479.5 | 483.6 | 489.1 | 496.0 | 502.9 |
| 35° | 458.9 | 458.9 | 458.9 | 460.3 | 463.0 | 464.4 | 467.1 | 471.3 | 476.8 | 483.6 | 490.5 |
| 37.5° | 443.8 | 445.2 | 445.2 | 446.5 | 449.3 | 452.0 | 454.8 | 458.9 | 464.4 | 471.3 | 478.1 |
| 40° | 427.3 | 428.7 | 428.7 | 430.0 | 432.8 | 435.5 | 438.3 | 443.8 | 449.3 | 456.1 | 463.0 |
| 42.5° | 410.8 | 412.2 | 412.2 | 414.9 | 417.7 | 420.4 | 423.2 | 428.7 | 434.2 | 441.0 | 446.5 |
| 45° | 392.9 | 394.3 | 394.3 | 397.1 | 401.2 | 402.6 | 406.7 | 412.2 | 417.7 | 423.2 | 428.7 |
| 47.5° | 373.7 | 375.1 | 375.1 | 377.8 | 382.0 | 384.7 | 387.4 | 392.9 | 397.1 | 403.9 | 409.4 |
| 50° | 351.7 | 353.1 | 354.5 | 357.2 | 362.7 | 365.5 | 368.2 | 372.3 | 377.8 | 382.0 | 387.4 |
| 52.5° | 331.1 | 331.1 | 332.5 | 335.2 | 339.4 | 342.1 | 343.5 | 347.6 | 354.5 | 360.0 | 365.5 |
| 55° | 307.8 | 309.1 | 310.5 | 313.3 | 317.4 | 320.1 | 321.5 | 325.6 | 329.7 | 333.9 | 339.4 |
| 57.5° | 287.2 | 287.2 | 288.5 | 291.3 | 295.4 | 296.8 | 298.1 | 300.9 | 306.4 | 310.5 | 314.6 |
| 60° | 262.4 | 263.8 | 265.2 | 267.9 | 270.7 | 273.4 | 273.4 | 277.5 | 281.7 | 285.8 | 288.5 |
| 62.5° | 240.4 | 240.4 | 241.8 | 244.6 | 245.9 | 248.7 | 248.7 | 252.8 | 255.6 | 259.7 | 262.4 |
| 65° | 214.3 | 215.7 | 217.1 | 218.5 | 221.2 | 221.2 | 222.6 | 225.3 | 228.1 | 230.8 | 234.9 |
| 67.5° | 191.0 | 191.0 | 192.3 | 193.7 | 195.1 | 195.1 | 196.5 | 199.2 | 202.0 | 204.7 | 207.5 |
| 70° | 164.9 | 166.2 | 166.2 | 166.2 | 167.6 | 169.0 | 170.4 | 171.7 | 174.5 | 175.9 | 178.6 |
| 72.5° | 138.8 | 138.8 | 140.1 | 140.1 | 141.5 | 142.9 | 144.3 | 145.6 | 147.0 | 149.8 | 151.1 |
| 75° | 112.7 | 112.7 | 114.0 | 114.0 | 115.4 | 115.4 | 115.4 | 118.2 | 119.5 | 122.3 | 123.7 |
| 77.5° | 86.6 | 87.9 | 87.9 | 87.9 | 89.3 | 90.7 | 90.7 | 92.1 | 94.8 | 96.2 | 97.5 |
| 80° | 63.2 | 63.2 | 63.2 | 63.2 | 64.6 | 65.9 | 67.3 | 67.3 | 70.1 | 72.8 | 74.2 |
| 82.5° | 39.8 | 39.8 | 41.2 | 42.6 | 42.6 | 44.0 | 45.3 | 46.7 | 49.5 | 50.8 | 52.2 |
| 85° | 20.6 | 20.6 | 22.0 | 23.4 | 24.7 | 26.1 | 26.1 | 27.5 | 30.2 | 33.0 | 34.3 |
| 87.5° | 6.9 | 8.2 | 8.2 | 9.6 | 11.0 | 12.4 | 13.7 | 15.1 | 17.9 | 20.6 | 22.0 |
| 90° | 1.4 | 1.4 | 1.4 | 2.7 | 4.1 | 4.1 | 5.5 | 6.9 | 8.2 | 9.6 | 12.4 |
| 92.5° | 12.4 | 12.4 | 11.0 | 12.4 | 12.4 | 12.4 | 12.4 | 13.7 | 15.1 | 15.1 | 17.9 |
| 95° | 37.1 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 37.1 | 38.5 | 38.5 | 39.8 |
| 97.5° | 71.4 | 71.4 | 70.1 | 70.1 | 71.4 | 71.4 | 71.4 | 72.8 | 75.6 | 74.2 | 76.9 |
| 100° | 111.3 | 111.3 | 109.9 | 111.3 | 112.7 | 114.0 | 116.8 | 116.8 | 119.5 | 119.5 | 123.7 |
| 102.5° | 156.6 | 156.6 | 155.3 | 158.0 | 159.4 | 162.1 | 162.1 | 164.9 | 169.0 | 169.0 | 174.5 |
| 105° | 202.0 | 203.3 | 203.3 | 206.1 | 208.8 | 211.6 | 211.6 | 215.7 | 221.2 | 221.2 | 228.1 |
| 107.5° | 251.4 | 252.8 | 252.8 | 255.6 | 258.3 | 261.0 | 262.4 | 267.9 | 273.4 | 274.8 | 283.0 |
| 110° | 299.5 | 300.9 | 302.3 | 305.0 | 307.8 | 311.9 | 314.6 | 320.1 | 327.0 | 329.7 | 336.6 |



TEST NUMBER: P395594

CATALOG NUMBER: I3-FL-60L82765-1D-UNV-W2A-W-4 (2700K)

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 344.9 | 350.4 | 351.7 | 355.8 | 360.0 | 364.1 | 366.8 | 373.7 | 382.0 | 386.1 | 394.3 |
| 115° | 397.1 | 399.8 | 401.2 | 405.3 | 410.8 | 414.9 | 417.7 | 424.5 | 432.8 | 438.3 | 447.9 |
| 117.5° | 439.7 | 446.5 | 447.9 | 452.0 | 457.5 | 461.6 | 464.4 | 472.6 | 482.2 | 489.1 | 498.7 |
| 120° | 485.0 | 490.5 | 496.0 | 498.7 | 502.9 | 508.4 | 511.1 | 519.3 | 530.3 | 537.2 | 548.2 |
| 122.5° | 526.2 | 531.7 | 537.2 | 541.3 | 546.8 | 549.6 | 553.7 | 563.3 | 574.3 | 582.5 | 593.5 |
| 125° | 567.4 | 574.3 | 578.4 | 582.5 | 589.4 | 592.2 | 596.3 | 605.9 | 616.9 | 626.5 | 637.5 |
| 127.5° | 607.3 | 611.4 | 618.3 | 621.0 | 627.9 | 630.6 | 634.8 | 645.7 | 656.7 | 666.4 | 677.3 |
| 130° | 644.4 | 649.9 | 655.4 | 656.7 | 665.0 | 669.1 | 673.2 | 682.8 | 695.2 | 704.8 | 715.8 |
| 132.5° | 680.1 | 682.8 | 689.7 | 693.8 | 700.7 | 704.8 | 708.9 | 717.2 | 729.6 | 739.2 | 750.2 |
| 135° | 713.1 | 715.8 | 724.1 | 728.2 | 732.3 | 736.4 | 741.9 | 750.2 | 762.5 | 772.1 | 783.1 |
| 137.5° | 746.0 | 748.8 | 757.0 | 761.2 | 763.9 | 768.0 | 772.1 | 780.4 | 792.8 | 802.4 | 812.0 |
| 140° | 776.3 | 779.0 | 784.5 | 790.0 | 792.8 | 795.5 | 799.6 | 807.9 | 818.9 | 828.5 | 838.1 |
| 142.5° | 803.7 | 806.5 | 812.0 | 817.5 | 821.6 | 821.6 | 825.7 | 832.6 | 845.0 | 854.6 | 862.8 |
| 145° | 829.9 | 831.2 | 836.7 | 842.2 | 847.7 | 847.7 | 849.1 | 856.0 | 866.9 | 877.9 | 886.2 |
| 147.5° | 854.6 | 856.0 | 860.1 | 865.6 | 869.7 | 871.1 | 873.8 | 876.6 | 887.6 | 898.5 | 908.2 |
| 150° | 876.6 | 877.9 | 880.7 | 886.2 | 888.9 | 891.7 | 894.4 | 895.8 | 904.0 | 913.7 | 924.7 |
| 152.5° | 895.8 | 897.2 | 899.9 | 904.0 | 906.8 | 909.5 | 912.3 | 916.4 | 920.5 | 930.1 | 937.0 |
| 155° | 915.0 | 916.4 | 917.8 | 921.9 | 924.7 | 926.0 | 927.4 | 932.9 | 937.0 | 942.5 | 949.4 |
| 157.5° | 931.5 | 931.5 | 932.9 | 935.6 | 938.4 | 938.4 | 939.8 | 945.3 | 949.4 | 954.9 | 959.0 |
| 160° | 945.3 | 945.3 | 946.6 | 949.4 | 949.4 | 950.8 | 952.1 | 956.3 | 959.0 | 965.9 | 971.4 |
| 162.5° | 957.6 | 956.3 | 957.6 | 959.0 | 959.0 | 959.0 | 960.4 | 963.1 | 967.2 | 972.7 | 978.2 |
| 165° | 967.2 | 967.2 | 967.2 | 968.6 | 968.6 | 967.2 | 967.2 | 970.0 | 972.7 | 976.9 | 981.0 |
| 167.5° | 975.5 | 975.5 | 974.1 | 975.5 | 974.1 | 974.1 | 972.7 | 974.1 | 975.5 | 979.6 | 982.4 |
| 170° | 982.4 | 981.0 | 981.0 | 981.0 | 979.6 | 978.2 | 978.2 | 978.2 | 978.2 | 981.0 | 983.7 |
| 172.5° | 987.9 | 986.5 | 985.1 | 985.1 | 982.4 | 981.0 | 981.0 | 979.6 | 979.6 | 981.0 | 982.4 |
| 175° | 989.2 | 987.9 | 986.5 | 986.5 | 983.7 | 982.4 | 981.0 | 981.0 | 979.6 | 981.0 | 982.4 |
| 177.5° | 992.0 | 990.6 | 987.9 | 987.9 | 985.1 | 982.4 | 982.4 | 981.0 | 979.6 | 981.0 | 981.0 |
| 180° | 978.2 | 978.2 | 978.2 | 978.2 | 978.2 | 978.2 | 978.2 | 978.2 | 978.2 | 978.2 | 978.2 |



TEST NUMBER: P395594

CATALOG NUMBER: I3-FL-60L82765-1D-UNV-W2A-W-4 (2700K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 548.2 | 548.2 | 548.2 | 548.2 | 548.2 | 548.2 | 548.2 | 548.2 | 548.2 | 548.2 |
| 2.5° | 550.9 | 550.9 | 549.6 | 548.2 | 548.2 | 546.8 | 545.4 | 544.1 | 542.7 | 541.3 |
| 5° | 550.9 | 549.6 | 548.2 | 548.2 | 546.8 | 546.8 | 546.8 | 545.4 | 544.1 | 544.1 |
| 7.5° | 550.9 | 550.9 | 549.6 | 548.2 | 548.2 | 548.2 | 548.2 | 548.2 | 546.8 | 546.8 |
| 10° | 550.9 | 549.6 | 549.6 | 549.6 | 548.2 | 549.6 | 549.6 | 548.2 | 548.2 | 546.8 |
| 12.5° | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 548.2 |
| 15° | 546.8 | 548.2 | 548.2 | 549.6 | 549.6 | 549.6 | 550.9 | 550.9 | 549.6 | 549.6 |
| 17.5° | 545.4 | 546.8 | 548.2 | 549.6 | 549.6 | 549.6 | 550.9 | 550.9 | 550.9 | 550.9 |
| 20° | 542.7 | 544.1 | 545.4 | 546.8 | 546.8 | 548.2 | 548.2 | 549.6 | 549.6 | 549.6 |
| 22.5° | 537.2 | 538.6 | 541.3 | 542.7 | 544.1 | 545.4 | 546.8 | 546.8 | 546.8 | 546.8 |
| 25° | 531.7 | 534.5 | 535.8 | 538.6 | 540.0 | 541.3 | 542.7 | 542.7 | 542.7 | 544.1 |
| 27.5° | 524.8 | 527.6 | 531.7 | 533.1 | 534.5 | 535.8 | 537.2 | 538.6 | 538.6 | 538.6 |
| 30° | 516.6 | 520.7 | 523.5 | 526.2 | 527.6 | 529.0 | 530.3 | 530.3 | 531.7 | 531.7 |
| 32.5° | 507.0 | 511.1 | 513.8 | 516.6 | 518.0 | 519.3 | 522.1 | 522.1 | 523.5 | 523.5 |
| 35° | 494.6 | 498.7 | 502.9 | 505.6 | 507.0 | 508.4 | 511.1 | 512.5 | 512.5 | 512.5 |
| 37.5° | 482.2 | 486.4 | 490.5 | 494.6 | 496.0 | 497.4 | 500.1 | 500.1 | 501.5 | 501.5 |
| 40° | 467.1 | 471.3 | 475.4 | 479.5 | 479.5 | 482.2 | 483.6 | 485.0 | 486.4 | 486.4 |
| 42.5° | 452.0 | 456.1 | 458.9 | 463.0 | 464.4 | 465.8 | 467.1 | 469.9 | 469.9 | 471.3 |
| 45° | 434.2 | 438.3 | 441.0 | 445.2 | 446.5 | 447.9 | 450.6 | 452.0 | 453.4 | 453.4 |
| 47.5° | 414.9 | 417.7 | 420.4 | 424.5 | 427.3 | 428.7 | 430.0 | 431.4 | 432.8 | 431.4 |
| 50° | 392.9 | 395.7 | 399.8 | 403.9 | 405.3 | 406.7 | 409.4 | 409.4 | 410.8 | 410.8 |
| 52.5° | 369.6 | 373.7 | 376.5 | 380.6 | 382.0 | 383.3 | 386.1 | 386.1 | 387.4 | 387.4 |
| 55° | 343.5 | 346.2 | 349.0 | 355.8 | 357.2 | 358.6 | 361.3 | 361.3 | 362.7 | 364.1 |
| 57.5° | 318.8 | 320.1 | 324.2 | 327.0 | 329.7 | 329.7 | 331.1 | 332.5 | 333.9 | 333.9 |
| 60° | 292.6 | 294.0 | 296.8 | 300.9 | 300.9 | 302.3 | 305.0 | 305.0 | 306.4 | 306.4 |
| 62.5° | 265.2 | 267.9 | 270.7 | 274.8 | 273.4 | 274.8 | 277.5 | 277.5 | 278.9 | 278.9 |
| 65° | 237.7 | 239.1 | 241.8 | 244.6 | 245.9 | 245.9 | 247.3 | 248.7 | 250.1 | 250.1 |
| 67.5° | 208.8 | 211.6 | 213.0 | 217.1 | 215.7 | 217.1 | 218.5 | 218.5 | 219.8 | 219.8 |
| 70° | 181.4 | 182.7 | 185.5 | 186.9 | 186.9 | 188.2 | 189.6 | 189.6 | 189.6 | 191.0 |
| 72.5° | 153.9 | 155.3 | 156.6 | 158.0 | 158.0 | 159.4 | 160.7 | 160.7 | 162.1 | 162.1 |
| 75° | 125.0 | 127.8 | 129.1 | 131.9 | 130.5 | 131.9 | 134.6 | 134.6 | 134.6 | 134.6 |
| 77.5° | 100.3 | 101.7 | 104.4 | 105.8 | 105.8 | 105.8 | 108.5 | 107.2 | 108.5 | 108.5 |
| 80° | 75.6 | 76.9 | 79.7 | 81.1 | 81.1 | 82.4 | 83.8 | 83.8 | 83.8 | 85.2 |
| 82.5° | 53.6 | 56.3 | 59.1 | 60.5 | 60.5 | 61.8 | 63.2 | 63.2 | 64.6 | 64.6 |
| 85° | 37.1 | 39.8 | 42.6 | 42.6 | 44.0 | 45.3 | 46.7 | 46.7 | 46.7 | 46.7 |
| 87.5° | 24.7 | 26.1 | 27.5 | 28.9 | 30.2 | 30.2 | 31.6 | 31.6 | 33.0 | 33.0 |
| 90° | 13.7 | 15.1 | 16.5 | 17.9 | 17.9 | 19.2 | 19.2 | 20.6 | 20.6 | 20.6 |
| 92.5° | 19.2 | 19.2 | 20.6 | 22.0 | 22.0 | 22.0 | 22.0 | 23.4 | 23.4 | 23.4 |
| 95° | 41.2 | 42.6 | 42.6 | 45.3 | 45.3 | 45.3 | 46.7 | 46.7 | 46.7 | 46.7 |
| 97.5° | 79.7 | 79.7 | 79.7 | 82.4 | 82.4 | 82.4 | 83.8 | 83.8 | 83.8 | 85.2 |
| 100° | 125.0 | 126.4 | 126.4 | 130.5 | 129.1 | 131.9 | 131.9 | 131.9 | 131.9 | 133.3 |
| 102.5° | 175.9 | 178.6 | 180.0 | 184.1 | 184.1 | 184.1 | 186.9 | 185.5 | 186.9 | 186.9 |
| 105° | 230.8 | 233.6 | 234.9 | 239.1 | 241.8 | 241.8 | 244.6 | 243.2 | 244.6 | 245.9 |
| 107.5° | 285.8 | 289.9 | 292.6 | 296.8 | 299.5 | 300.9 | 300.9 | 302.3 | 303.6 | 305.0 |
| 110° | 342.1 | 346.2 | 353.1 | 357.2 | 358.6 | 361.3 | 362.7 | 364.1 | 365.5 | 368.2 |



TEST NUMBER: P395594

CATALOG NUMBER: I3-FL-60L82765-1D-UNV-W2A-W-4 (2700K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 401.2 | 405.3 | 410.8 | 416.3 | 414.9 | 419.0 | 421.8 | 423.2 | 424.5 | 423.2 |
| 115° | 454.8 | 460.3 | 465.8 | 471.3 | 471.3 | 474.0 | 479.5 | 480.9 | 480.9 | 483.6 |
| 117.5° | 505.6 | 512.5 | 518.0 | 523.5 | 524.8 | 527.6 | 531.7 | 535.8 | 535.8 | 538.6 |
| 120° | 555.1 | 563.3 | 568.8 | 574.3 | 577.0 | 578.4 | 582.5 | 588.0 | 588.0 | 588.0 |
| 122.5° | 601.8 | 608.6 | 615.5 | 621.0 | 623.8 | 626.5 | 629.3 | 636.1 | 636.1 | 638.9 |
| 125° | 645.7 | 654.0 | 660.9 | 666.4 | 669.1 | 671.9 | 677.3 | 681.5 | 682.8 | 682.8 |
| 127.5° | 687.0 | 695.2 | 702.1 | 708.9 | 710.3 | 713.1 | 718.6 | 724.1 | 725.4 | 726.8 |
| 130° | 725.4 | 733.7 | 740.5 | 747.4 | 750.2 | 751.5 | 758.4 | 762.5 | 765.3 | 766.7 |
| 132.5° | 759.8 | 768.0 | 774.9 | 781.8 | 784.5 | 787.3 | 791.4 | 798.3 | 799.6 | 799.6 |
| 135° | 791.4 | 799.6 | 806.5 | 814.7 | 816.1 | 818.9 | 824.4 | 828.5 | 831.2 | 832.6 |
| 137.5° | 820.2 | 828.5 | 836.7 | 843.6 | 846.3 | 847.7 | 853.2 | 858.7 | 861.5 | 862.8 |
| 140° | 846.3 | 854.6 | 862.8 | 868.3 | 869.7 | 873.8 | 877.9 | 883.4 | 886.2 | 887.6 |
| 142.5° | 871.1 | 877.9 | 884.8 | 891.7 | 893.1 | 895.8 | 899.9 | 905.4 | 908.2 | 909.5 |
| 145° | 893.1 | 899.9 | 905.4 | 910.9 | 912.3 | 915.0 | 919.2 | 923.3 | 926.0 | 927.4 |
| 147.5° | 913.7 | 919.2 | 924.7 | 928.8 | 930.1 | 932.9 | 935.6 | 938.4 | 941.1 | 942.5 |
| 150° | 931.5 | 934.3 | 939.8 | 942.5 | 943.9 | 946.6 | 949.4 | 952.1 | 954.9 | 956.3 |
| 152.5° | 945.3 | 949.4 | 952.1 | 956.3 | 957.6 | 959.0 | 961.7 | 964.5 | 967.2 | 967.2 |
| 155° | 956.3 | 960.4 | 963.1 | 967.2 | 968.6 | 970.0 | 972.7 | 974.1 | 976.9 | 976.9 |
| 157.5° | 964.5 | 968.6 | 971.4 | 974.1 | 975.5 | 976.9 | 978.2 | 981.0 | 983.7 | 983.7 |
| 160° | 974.1 | 975.5 | 976.9 | 979.6 | 979.6 | 981.0 | 982.4 | 983.7 | 986.5 | 986.5 |
| 162.5° | 982.4 | 983.7 | 981.0 | 982.4 | 981.0 | 982.4 | 983.7 | 985.1 | 986.5 | 986.5 |
| 165° | 985.1 | 987.9 | 986.5 | 987.9 | 987.9 | 987.9 | 987.9 | 989.2 | 989.2 | 989.2 |
| 167.5° | 985.1 | 987.9 | 986.5 | 986.5 | 987.9 | 987.9 | 989.2 | 990.6 | 990.6 | 990.6 |
| 170° | 985.1 | 986.5 | 985.1 | 983.7 | 985.1 | 985.1 | 985.1 | 986.5 | 986.5 | 986.5 |
| 172.5° | 983.7 | 985.1 | 982.4 | 981.0 | 981.0 | 981.0 | 979.6 | 979.6 | 978.2 | 978.2 |
| 175° | 982.4 | 982.4 | 979.6 | 978.2 | 978.2 | 978.2 | 975.5 | 974.1 | 972.7 | 971.4 |
| 177.5° | 981.0 | 981.0 | 976.9 | 975.5 | 975.5 | 974.1 | 974.1 | 971.4 | 971.4 | 970.0 |
| 180° | 978.2 | 978.2 | 978.2 | 978.2 | 978.2 | 978.2 | 978.2 | 978.2 | 978.2 | 978.2 |

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