

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: P395847

Luminaire Tested: **I3-WL-30L92765-1D-UNV-W2A-W-4 (5700K)**

Issue Date: 5/6/2020

Test Information

Test Method: LM-79-08
Report Number: P395847
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-30L92765-1D-UNV-W2A-W-4 (5700K)
Description: CORELITE I3, DOWNLIGHT TRAY
3000 LUMENS, VIVIDTUNE TUNABLE WHITE
Light Source: 2700K/6500K CCT, 90 CRI LEDS, TUNED TO 5700K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2694.6 lumens
Efficiency: N/A
Efficacy: 101.3 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

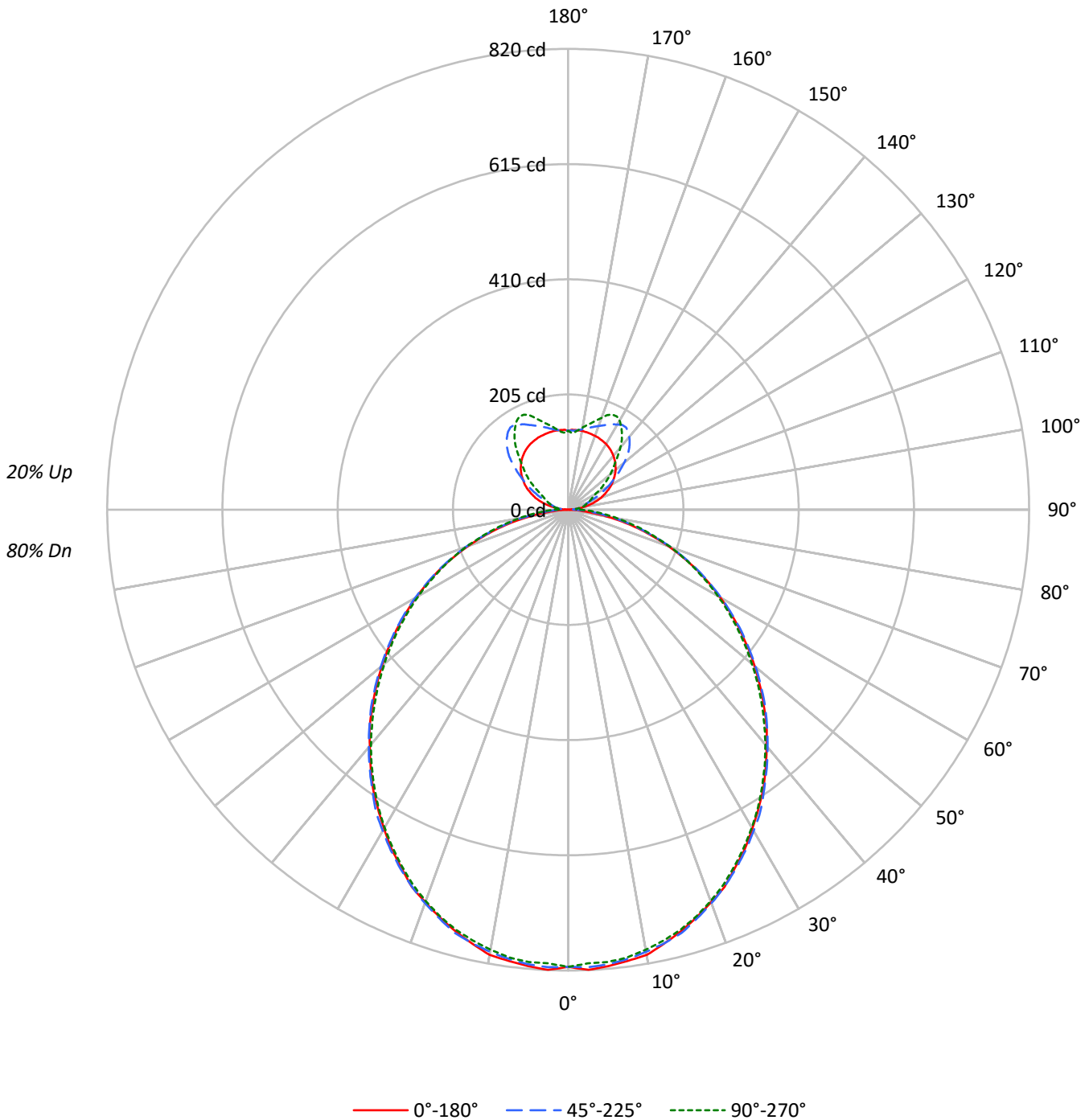
Input Watts (W): 26.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P395847

CATALOG NUMBER: I3-WL-30L92765-1D-UNV-W2A-W-4 (5700K)

Luminous Intensity Polar Plot





TEST NUMBER: P395847

CATALOG NUMBER: I3-WL-30L92765-1D-UNV-W2A-W-4 (5700K)

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° | 4471 | 4471 | 4471 |
| 5° | 4482 | 4378 | 4331 |
| 10° | 4456 | 4259 | 4190 |
| 15° | 4367 | 4141 | 4040 |
| 20° | 4281 | 3974 | 3866 |
| 25° | 4178 | 3806 | 3673 |
| 30° | 4058 | 3631 | 3476 |
| 35° | 3945 | 3437 | 3272 |
| 40° | 3804 | 3238 | 3060 |
| 45° | 3668 | 3042 | 2836 |
| 50° | 3522 | 2829 | 2611 |
| 55° | 3370 | 2610 | 2381 |
| 60° | 3198 | 2367 | 2144 |
| 65° | 3001 | 2103 | 1889 |
| 70° | 2722 | 1796 | 1622 |
| 75° | 2346 | 1423 | 1302 |
| 80° | 1790 | 1025 | 972 |
| 85° | 933 | 612 | 658 |



TEST NUMBER: P395847

CATALOG NUMBER: I3-WL-30L92765-1D-UNV-W2A-W-4 (5700K)

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 76.9 | 2.9 |
| 10°-20° | 218.0 | 8.1 |
| 20°-30° | 322.7 | 12.0 |
| 30°-40° | 377.2 | 14.0 |
| 40°-50° | 378.9 | 14.1 |
| 50°-60° | 333.0 | 12.4 |
| 60°-70° | 249.5 | 9.3 |
| 70°-80° | 141.9 | 5.3 |
| 80°-90° | 44.8 | 1.7 |
| 90°-100° | 16.2 | 0.6 |
| 100°-110° | 39.3 | 1.5 |
| 110°-120° | 65.4 | 2.4 |
| 120°-130° | 91.7 | 3.4 |
| 130°-140° | 105.7 | 3.9 |
| 140°-150° | 100.9 | 3.7 |
| 150°-160° | 75.9 | 2.8 |
| 160°-170° | 43.0 | 1.6 |
| 170°-180° | 13.6 | 0.5 |
| 0°-30° | 617.6 | 22.9 |
| 0°-40° | 994.7 | 36.9 |
| 0°-60° | 1706.6 | 63.3 |
| 0°-90° | 2142.9 | 79.5 |
| 90°-120° | 120.9 | 4.5 |
| 90°-150° | 419.3 | 15.6 |
| 90°-180° | 552.0 | 20.5 |
| 0°-180° | 2694.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|-----|-------|-----|------|
| 0° | 813 | 813 | 813 | 813 | 813 | |
| 5° | 815 | 807 | 812 | 809 | 808 | 77 |
| 15° | 776 | 769 | 780 | 774 | 773 | 219 |
| 25° | 703 | 700 | 705 | 703 | 700 | 324 |
| 35° | 606 | 601 | 608 | 603 | 601 | 378 |
| 45° | 492 | 491 | 495 | 490 | 486 | 380 |
| 55° | 373 | 374 | 376 | 371 | 367 | 333 |
| 65° | 252 | 252 | 254 | 252 | 249 | 249 |
| 75° | 128 | 130 | 134 | 138 | 138 | 136 |
| 85° | 22 | 29 | 39 | 48 | 50 | 29 |
| 90° | 1 | 4 | 12 | 19 | 21 | 2 |
| 95° | 12 | 12 | 12 | 13 | 14 | 13 |
| 105° | 46 | 39 | 30 | 31 | 32 | 48 |
| 115° | 76 | 94 | 58 | 47 | 46 | 75 |
| 125° | 100 | 138 | 104 | 83 | 77 | 89 |
| 135° | 118 | 150 | 153 | 127 | 118 | 91 |
| 145° | 131 | 149 | 179 | 171 | 166 | 82 |
| 155° | 138 | 146 | 166 | 184 | 186 | 64 |
| 165° | 141 | 143 | 151 | 158 | 160 | 40 |
| 175° | 142 | 141 | 141 | 141 | 139 | 14 |
| 180° | 140 | 140 | 140 | 140 | 140 | |



TEST NUMBER: P395847

CATALOG NUMBER: I3-WL-30L92765-1D-UNV-W2A-W-4 (5700K)

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 813.4 | 813.4 | 813.4 | 813.4 | 813.4 | 813.4 | 813.4 | 813.4 | 813.4 | 813.4 | 813.4 |
| 2.5° | 819.5 | 818.2 | 814.7 | 811.3 | 810.6 | 809.9 | 809.9 | 809.2 | 809.2 | 810.6 | 814.7 |
| 5° | 815.4 | 814.7 | 811.3 | 807.8 | 807.2 | 807.2 | 806.5 | 806.5 | 806.5 | 807.8 | 812.0 |
| 7.5° | 809.9 | 808.5 | 805.1 | 801.7 | 801.0 | 801.0 | 801.0 | 800.3 | 801.0 | 801.7 | 806.5 |
| 10° | 804.4 | 803.7 | 800.3 | 796.1 | 794.8 | 794.8 | 794.1 | 792.7 | 792.7 | 794.1 | 798.9 |
| 12.5° | 790.6 | 790.0 | 786.5 | 783.8 | 783.8 | 784.5 | 784.5 | 785.1 | 785.1 | 786.5 | 790.0 |
| 15° | 776.2 | 775.5 | 772.1 | 769.3 | 769.3 | 769.3 | 768.6 | 768.6 | 769.3 | 773.4 | 779.6 |
| 17.5° | 760.4 | 759.7 | 756.9 | 754.2 | 754.2 | 754.2 | 753.5 | 753.5 | 754.2 | 756.2 | 762.4 |
| 20° | 743.2 | 742.5 | 739.7 | 737.0 | 737.0 | 737.0 | 736.3 | 737.0 | 737.0 | 739.7 | 745.2 |
| 22.5° | 726.6 | 725.3 | 721.8 | 719.1 | 717.7 | 717.7 | 717.7 | 717.0 | 718.4 | 720.5 | 726.0 |
| 25° | 702.6 | 701.9 | 700.5 | 698.4 | 699.8 | 700.5 | 699.1 | 697.7 | 697.7 | 700.5 | 705.3 |
| 27.5° | 680.5 | 679.2 | 677.1 | 675.0 | 673.7 | 674.4 | 675.0 | 676.4 | 678.5 | 679.2 | 683.3 |
| 30° | 655.1 | 654.4 | 652.3 | 649.6 | 650.3 | 651.0 | 651.0 | 651.0 | 652.3 | 658.5 | 659.9 |
| 32.5° | 630.3 | 629.6 | 627.6 | 624.8 | 625.5 | 626.2 | 625.5 | 626.2 | 627.6 | 630.3 | 636.5 |
| 35° | 605.5 | 604.2 | 602.1 | 601.4 | 600.7 | 600.7 | 600.7 | 601.4 | 602.1 | 604.2 | 607.6 |
| 37.5° | 577.3 | 576.0 | 574.6 | 572.5 | 573.9 | 575.3 | 576.0 | 575.3 | 576.0 | 578.7 | 580.1 |
| 40° | 549.1 | 548.4 | 547.1 | 545.7 | 546.4 | 547.1 | 546.4 | 548.4 | 549.8 | 551.2 | 551.9 |
| 42.5° | 522.3 | 520.9 | 519.5 | 518.8 | 518.8 | 519.5 | 519.5 | 520.9 | 520.9 | 524.3 | 523.7 |
| 45° | 492.0 | 491.3 | 490.6 | 490.6 | 491.3 | 491.3 | 491.3 | 492.0 | 492.7 | 494.8 | 495.4 |
| 47.5° | 462.4 | 461.7 | 461.7 | 461.7 | 461.7 | 462.4 | 463.1 | 465.2 | 463.8 | 464.5 | 465.2 |
| 50° | 432.8 | 432.1 | 432.1 | 432.1 | 433.5 | 433.5 | 434.9 | 435.6 | 436.3 | 434.9 | 435.6 |
| 52.5° | 402.5 | 401.9 | 403.2 | 403.2 | 404.6 | 404.6 | 406.7 | 404.6 | 406.0 | 405.3 | 405.3 |
| 55° | 373.0 | 372.3 | 373.6 | 373.0 | 374.3 | 374.3 | 375.7 | 376.4 | 375.7 | 375.7 | 375.7 |
| 57.5° | 342.7 | 342.0 | 342.7 | 343.4 | 344.1 | 344.1 | 346.1 | 346.1 | 344.1 | 345.4 | 344.7 |
| 60° | 312.4 | 311.7 | 312.4 | 313.1 | 313.8 | 313.8 | 314.5 | 313.1 | 314.5 | 315.2 | 314.5 |
| 62.5° | 282.1 | 281.4 | 282.8 | 282.1 | 282.8 | 283.5 | 283.5 | 285.6 | 284.9 | 284.9 | 284.2 |
| 65° | 251.8 | 251.2 | 251.2 | 251.2 | 251.8 | 252.5 | 253.2 | 253.9 | 253.9 | 254.6 | 253.9 |
| 67.5° | 220.9 | 220.2 | 220.9 | 220.2 | 220.9 | 221.6 | 222.9 | 223.6 | 223.6 | 224.3 | 223.6 |
| 70° | 189.2 | 189.9 | 189.2 | 189.9 | 190.6 | 191.3 | 192.0 | 193.4 | 193.4 | 193.4 | 193.4 |
| 72.5° | 158.3 | 157.6 | 157.6 | 156.9 | 158.3 | 159.0 | 159.6 | 161.7 | 161.7 | 162.4 | 162.4 |
| 75° | 128.0 | 126.6 | 127.3 | 126.6 | 129.4 | 130.1 | 130.1 | 132.1 | 132.8 | 134.2 | 133.5 |
| 77.5° | 98.4 | 98.4 | 97.0 | 99.1 | 99.8 | 101.2 | 102.5 | 103.9 | 104.6 | 106.7 | 106.7 |
| 80° | 70.2 | 70.2 | 69.5 | 70.9 | 73.6 | 74.3 | 76.4 | 77.1 | 79.1 | 80.5 | 81.2 |
| 82.5° | 44.7 | 44.7 | 44.7 | 46.8 | 48.9 | 49.5 | 51.6 | 53.7 | 55.0 | 57.1 | 57.8 |
| 85° | 22.0 | 23.4 | 23.4 | 26.1 | 27.5 | 28.9 | 29.6 | 32.3 | 34.4 | 37.2 | 39.2 |
| 87.5° | 6.9 | 7.6 | 8.3 | 9.6 | 12.4 | 13.1 | 14.5 | 17.2 | 19.3 | 22.0 | 24.1 |
| 90° | 0.7 | 0.7 | 1.4 | 2.1 | 3.4 | 4.1 | 5.5 | 6.9 | 8.9 | 11.0 | 12.4 |
| 92.5° | 4.8 | 4.8 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 6.2 | 6.9 | 8.3 | 8.9 |
| 95° | 11.7 | 18.6 | 11.0 | 10.3 | 11.7 | 11.7 | 12.4 | 11.7 | 11.7 | 11.7 | 11.7 |
| 97.5° | 19.3 | 34.4 | 22.7 | 15.8 | 15.1 | 15.8 | 15.8 | 17.2 | 17.9 | 18.6 | 18.6 |
| 100° | 28.2 | 43.4 | 39.9 | 26.1 | 21.3 | 20.6 | 20.6 | 20.6 | 21.3 | 22.0 | 22.7 |
| 102.5° | 37.2 | 49.5 | 57.1 | 40.6 | 30.3 | 27.5 | 26.1 | 25.5 | 24.8 | 25.5 | 25.5 |
| 105° | 46.1 | 55.7 | 70.2 | 55.0 | 43.4 | 39.2 | 35.1 | 30.3 | 29.6 | 29.6 | 29.6 |
| 107.5° | 54.4 | 61.9 | 79.8 | 71.6 | 56.4 | 52.3 | 47.5 | 39.9 | 35.1 | 34.4 | 33.7 |
| 110° | 61.9 | 68.1 | 86.7 | 85.3 | 70.9 | 64.7 | 60.6 | 52.3 | 45.4 | 40.6 | 38.5 |



TEST NUMBER: P395847

CATALOG NUMBER: I3-WL-30L92765-1D-UNV-W2A-W-4 (5700K)

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 68.8 | 74.3 | 91.5 | 97.0 | 86.7 | 79.1 | 72.9 | 64.7 | 57.1 | 50.9 | 46.1 |
| 115° | 75.7 | 80.5 | 95.6 | 106.7 | 100.5 | 94.3 | 87.4 | 77.1 | 69.5 | 63.3 | 57.8 |
| 117.5° | 82.6 | 86.7 | 99.8 | 113.5 | 112.2 | 108.0 | 102.5 | 90.1 | 81.2 | 75.0 | 68.8 |
| 120° | 88.8 | 92.9 | 103.9 | 118.4 | 122.5 | 119.0 | 115.6 | 104.6 | 93.6 | 86.7 | 81.2 |
| 122.5° | 94.3 | 97.7 | 108.0 | 122.5 | 130.1 | 129.4 | 125.9 | 118.4 | 107.3 | 99.1 | 92.2 |
| 125° | 99.8 | 103.2 | 112.2 | 125.2 | 135.6 | 137.6 | 136.2 | 130.1 | 121.8 | 112.2 | 103.9 |
| 127.5° | 105.3 | 108.0 | 116.3 | 128.0 | 139.7 | 143.8 | 144.5 | 140.4 | 134.2 | 125.9 | 117.0 |
| 130° | 110.1 | 112.9 | 119.7 | 130.1 | 142.4 | 147.3 | 150.0 | 149.3 | 144.5 | 139.0 | 130.1 |
| 132.5° | 114.2 | 116.3 | 123.2 | 132.1 | 143.8 | 149.3 | 153.4 | 156.9 | 153.4 | 149.3 | 143.1 |
| 135° | 118.4 | 120.4 | 125.9 | 134.2 | 144.5 | 150.0 | 155.5 | 161.0 | 161.7 | 158.3 | 153.4 |
| 137.5° | 121.8 | 123.2 | 128.7 | 135.6 | 144.5 | 150.0 | 155.5 | 163.1 | 167.2 | 165.8 | 161.7 |
| 140° | 125.2 | 126.6 | 130.7 | 137.6 | 145.2 | 150.0 | 154.8 | 163.8 | 169.3 | 171.3 | 169.3 |
| 142.5° | 128.0 | 129.4 | 132.8 | 139.0 | 145.2 | 149.3 | 154.1 | 162.4 | 170.0 | 174.1 | 175.5 |
| 145° | 130.7 | 131.4 | 134.9 | 139.7 | 145.2 | 148.6 | 152.8 | 161.0 | 168.6 | 174.8 | 178.9 |
| 147.5° | 132.8 | 133.5 | 135.6 | 140.4 | 145.2 | 147.9 | 151.4 | 158.3 | 165.8 | 172.7 | 178.9 |
| 150° | 134.9 | 134.9 | 136.9 | 140.4 | 145.2 | 147.3 | 150.0 | 156.2 | 162.4 | 169.3 | 174.8 |
| 152.5° | 136.2 | 136.2 | 138.3 | 141.1 | 144.5 | 146.6 | 149.3 | 154.1 | 159.6 | 165.8 | 171.3 |
| 155° | 137.6 | 137.6 | 139.0 | 141.1 | 144.5 | 145.9 | 147.9 | 152.1 | 156.9 | 161.7 | 166.5 |
| 157.5° | 139.0 | 139.0 | 139.7 | 141.8 | 143.8 | 145.2 | 147.3 | 150.7 | 154.1 | 158.3 | 162.4 |
| 160° | 139.7 | 139.7 | 140.4 | 141.8 | 143.1 | 144.5 | 145.9 | 148.6 | 152.1 | 154.8 | 158.3 |
| 162.5° | 140.4 | 140.4 | 141.1 | 141.8 | 143.1 | 143.8 | 144.5 | 147.3 | 149.3 | 152.1 | 154.8 |
| 165° | 141.1 | 141.1 | 141.1 | 141.8 | 142.4 | 143.1 | 143.8 | 145.2 | 147.3 | 149.3 | 151.4 |
| 167.5° | 141.8 | 141.8 | 141.8 | 141.8 | 142.4 | 142.4 | 143.1 | 143.8 | 145.2 | 146.6 | 147.9 |
| 170° | 142.4 | 141.8 | 141.8 | 142.4 | 141.8 | 141.8 | 142.4 | 143.1 | 143.1 | 144.5 | 145.2 |
| 172.5° | 142.4 | 142.4 | 141.8 | 141.8 | 141.8 | 141.8 | 141.8 | 141.8 | 141.8 | 142.4 | 143.1 |
| 175° | 142.4 | 142.4 | 141.8 | 141.8 | 141.8 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 |
| 177.5° | 142.4 | 142.4 | 141.8 | 141.8 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 |
| 180° | 140.4 | 140.4 | 140.4 | 140.4 | 140.4 | 140.4 | 140.4 | 140.4 | 140.4 | 140.4 | 140.4 |



TEST NUMBER: P395847

CATALOG NUMBER: I3-WL-30L92765-1D-UNV-W2A-W-4 (5700K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 813.4 | 813.4 | 813.4 | 813.4 | 813.4 | 813.4 | 813.4 | 813.4 | 813.4 | 813.4 |
| 2.5° | 818.9 | 815.4 | 814.0 | 813.4 | 812.7 | 812.0 | 810.6 | 809.2 | 807.8 | 807.8 |
| 5° | 815.4 | 812.0 | 810.6 | 809.9 | 809.2 | 808.5 | 807.8 | 807.8 | 807.8 | 807.8 |
| 7.5° | 809.9 | 806.5 | 805.1 | 804.4 | 804.4 | 803.7 | 803.7 | 803.7 | 803.0 | 803.7 |
| 10° | 801.7 | 798.2 | 797.5 | 796.8 | 796.1 | 794.8 | 794.8 | 794.8 | 794.1 | 794.8 |
| 12.5° | 791.3 | 787.9 | 787.2 | 786.5 | 785.8 | 785.1 | 785.1 | 784.5 | 784.5 | 785.1 |
| 15° | 781.0 | 776.2 | 774.8 | 774.8 | 774.1 | 773.4 | 774.1 | 773.4 | 773.4 | 773.4 |
| 17.5° | 765.9 | 763.8 | 761.7 | 760.4 | 759.7 | 759.0 | 759.0 | 758.3 | 758.3 | 758.3 |
| 20° | 745.9 | 745.9 | 745.9 | 742.5 | 741.8 | 741.1 | 741.1 | 741.1 | 741.1 | 741.1 |
| 22.5° | 726.6 | 723.2 | 726.0 | 723.9 | 722.5 | 721.1 | 721.8 | 721.8 | 721.8 | 721.8 |
| 25° | 705.3 | 702.6 | 703.3 | 703.9 | 702.6 | 700.5 | 700.5 | 700.5 | 700.5 | 699.8 |
| 27.5° | 682.6 | 680.5 | 679.9 | 680.5 | 681.9 | 680.5 | 678.5 | 676.4 | 677.1 | 677.1 |
| 30° | 657.8 | 657.1 | 656.5 | 655.1 | 656.5 | 657.1 | 653.7 | 653.0 | 653.0 | 653.0 |
| 32.5° | 633.1 | 632.4 | 630.3 | 628.9 | 629.6 | 631.0 | 629.6 | 628.2 | 628.2 | 628.2 |
| 35° | 608.3 | 605.5 | 603.5 | 602.8 | 602.8 | 604.2 | 603.5 | 601.4 | 601.4 | 601.4 |
| 37.5° | 579.4 | 580.1 | 576.6 | 576.0 | 576.0 | 576.0 | 577.3 | 573.9 | 574.6 | 573.9 |
| 40° | 551.2 | 551.9 | 549.8 | 547.7 | 548.4 | 547.1 | 549.1 | 545.7 | 545.7 | 545.7 |
| 42.5° | 523.0 | 521.6 | 522.3 | 518.2 | 518.8 | 518.8 | 519.5 | 517.5 | 516.8 | 516.1 |
| 45° | 494.1 | 492.7 | 492.0 | 489.9 | 489.9 | 489.2 | 489.2 | 486.5 | 486.5 | 486.5 |
| 47.5° | 463.8 | 463.1 | 461.7 | 460.3 | 460.3 | 459.7 | 458.3 | 457.6 | 456.9 | 456.9 |
| 50° | 434.9 | 432.8 | 430.8 | 431.4 | 430.8 | 430.1 | 428.7 | 428.0 | 427.3 | 426.6 |
| 52.5° | 403.9 | 403.9 | 401.2 | 401.2 | 401.2 | 400.5 | 399.1 | 397.7 | 397.7 | 397.0 |
| 55° | 373.6 | 373.0 | 370.9 | 370.2 | 370.9 | 370.2 | 368.8 | 367.5 | 367.5 | 366.8 |
| 57.5° | 343.4 | 342.0 | 341.3 | 341.3 | 340.6 | 340.6 | 338.6 | 337.2 | 337.9 | 337.2 |
| 60° | 312.4 | 312.4 | 311.7 | 311.0 | 311.0 | 310.3 | 308.3 | 308.3 | 308.3 | 307.6 |
| 62.5° | 282.8 | 282.8 | 281.4 | 280.8 | 281.4 | 280.8 | 280.1 | 279.4 | 278.7 | 278.0 |
| 65° | 251.8 | 252.5 | 251.2 | 251.8 | 251.8 | 250.5 | 250.5 | 249.8 | 249.8 | 249.1 |
| 67.5° | 222.9 | 222.9 | 222.3 | 222.3 | 222.9 | 222.3 | 222.3 | 221.6 | 221.6 | 220.9 |
| 70° | 193.4 | 194.7 | 194.0 | 194.0 | 194.0 | 193.4 | 193.4 | 193.4 | 192.7 | 193.4 |
| 72.5° | 163.8 | 163.8 | 163.8 | 163.8 | 163.8 | 164.5 | 164.5 | 164.5 | 164.5 | 163.8 |
| 75° | 136.2 | 136.9 | 136.2 | 136.9 | 137.6 | 137.6 | 137.6 | 137.6 | 138.3 | 137.6 |
| 77.5° | 109.4 | 110.1 | 110.1 | 111.5 | 111.5 | 111.5 | 112.2 | 112.2 | 112.2 | 112.2 |
| 80° | 83.9 | 84.6 | 85.3 | 86.7 | 86.7 | 88.1 | 88.8 | 88.8 | 88.8 | 88.8 |
| 82.5° | 60.6 | 62.6 | 63.3 | 65.4 | 66.1 | 66.1 | 67.4 | 68.1 | 68.1 | 68.1 |
| 85° | 42.0 | 44.0 | 45.4 | 46.8 | 48.2 | 48.2 | 49.5 | 49.5 | 50.2 | 50.2 |
| 87.5° | 26.1 | 28.2 | 29.6 | 31.7 | 32.3 | 33.0 | 33.7 | 34.4 | 35.1 | 35.1 |
| 90° | 14.5 | 15.8 | 17.2 | 18.6 | 18.6 | 19.3 | 20.0 | 20.6 | 21.3 | 21.3 |
| 92.5° | 10.3 | 11.0 | 12.4 | 13.1 | 13.1 | 13.8 | 14.5 | 14.5 | 15.1 | 15.1 |
| 95° | 11.7 | 12.4 | 12.4 | 13.1 | 13.1 | 13.1 | 13.8 | 13.8 | 13.8 | 13.8 |
| 97.5° | 17.9 | 17.9 | 17.9 | 17.2 | 17.2 | 17.2 | 17.2 | 17.2 | 17.2 | 17.2 |
| 100° | 23.4 | 24.1 | 24.1 | 24.1 | 24.8 | 24.8 | 24.8 | 24.8 | 24.1 | 24.1 |
| 102.5° | 26.1 | 26.8 | 27.5 | 28.2 | 28.2 | 28.2 | 28.9 | 28.9 | 28.9 | 28.9 |
| 105° | 29.6 | 29.6 | 30.3 | 31.0 | 31.0 | 31.0 | 31.7 | 31.7 | 31.7 | 31.7 |
| 107.5° | 33.7 | 33.7 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 |
| 110° | 38.5 | 38.5 | 38.5 | 37.8 | 38.5 | 37.8 | 37.8 | 37.8 | 37.8 | 37.8 |



TEST NUMBER: P395847

CATALOG NUMBER: I3-WL-30L92765-1D-UNV-W2A-W-4 (5700K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 44.0 | 43.4 | 43.4 | 42.7 | 42.7 | 42.7 | 42.0 | 42.0 | 42.0 | 42.0 |
| 115° | 53.0 | 49.5 | 48.2 | 46.8 | 46.8 | 46.8 | 46.1 | 46.1 | 46.1 | 46.1 |
| 117.5° | 64.0 | 59.2 | 56.4 | 53.7 | 53.0 | 52.3 | 50.9 | 50.9 | 50.2 | 50.2 |
| 120° | 75.7 | 70.9 | 66.7 | 63.3 | 61.9 | 61.2 | 59.2 | 57.8 | 56.4 | 56.4 |
| 122.5° | 86.7 | 81.9 | 77.8 | 74.3 | 72.9 | 71.6 | 69.5 | 68.1 | 66.7 | 66.7 |
| 125° | 97.7 | 92.9 | 88.8 | 85.3 | 83.3 | 81.9 | 79.8 | 78.4 | 77.1 | 77.1 |
| 127.5° | 109.4 | 103.2 | 99.1 | 95.6 | 93.6 | 92.9 | 90.1 | 88.8 | 87.4 | 87.4 |
| 130° | 122.5 | 114.9 | 109.4 | 105.3 | 103.9 | 102.5 | 100.5 | 99.1 | 97.7 | 97.7 |
| 132.5° | 135.6 | 128.0 | 121.8 | 116.3 | 114.2 | 112.9 | 110.1 | 108.7 | 107.3 | 107.3 |
| 135° | 147.9 | 141.1 | 134.9 | 129.4 | 127.3 | 125.2 | 122.5 | 119.7 | 118.4 | 118.4 |
| 137.5° | 157.6 | 152.8 | 147.3 | 142.4 | 140.4 | 138.3 | 135.6 | 132.8 | 130.7 | 131.4 |
| 140° | 165.8 | 161.7 | 158.3 | 154.8 | 152.8 | 151.4 | 148.6 | 146.6 | 144.5 | 144.5 |
| 142.5° | 173.4 | 170.0 | 166.5 | 163.8 | 163.1 | 162.4 | 160.3 | 158.3 | 156.9 | 156.9 |
| 145° | 180.3 | 178.2 | 175.5 | 172.0 | 171.3 | 170.7 | 168.6 | 167.2 | 166.5 | 166.5 |
| 147.5° | 182.4 | 183.0 | 182.4 | 180.3 | 179.6 | 178.9 | 177.5 | 176.2 | 175.5 | 175.5 |
| 150° | 181.0 | 183.7 | 185.1 | 185.1 | 185.1 | 185.1 | 185.1 | 183.7 | 183.0 | 183.0 |
| 152.5° | 176.8 | 181.0 | 183.7 | 185.8 | 186.5 | 187.2 | 187.2 | 187.9 | 187.2 | 187.2 |
| 155° | 172.0 | 176.2 | 180.3 | 182.4 | 183.7 | 184.4 | 185.8 | 186.5 | 187.2 | 186.5 |
| 157.5° | 166.5 | 170.0 | 172.7 | 176.8 | 178.2 | 179.6 | 181.0 | 182.4 | 183.0 | 182.4 |
| 160° | 161.7 | 164.5 | 166.5 | 169.3 | 170.0 | 171.3 | 172.7 | 173.4 | 174.8 | 174.1 |
| 162.5° | 156.9 | 159.0 | 161.0 | 162.4 | 163.8 | 164.5 | 165.8 | 166.5 | 167.2 | 166.5 |
| 165° | 153.4 | 154.8 | 155.5 | 156.9 | 157.6 | 158.3 | 159.0 | 159.6 | 159.6 | 159.6 |
| 167.5° | 149.3 | 150.7 | 151.4 | 152.1 | 152.8 | 153.4 | 153.4 | 154.1 | 154.1 | 154.1 |
| 170° | 145.9 | 146.6 | 147.3 | 147.9 | 147.9 | 148.6 | 148.6 | 148.6 | 149.3 | 148.6 |
| 172.5° | 143.1 | 143.1 | 143.1 | 143.8 | 143.8 | 143.8 | 143.8 | 143.8 | 143.8 | 143.1 |
| 175° | 141.8 | 141.8 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 140.4 | 139.7 | 139.0 |
| 177.5° | 141.1 | 140.4 | 140.4 | 139.7 | 139.7 | 139.7 | 139.0 | 138.3 | 137.6 | 136.9 |
| 180° | 140.4 | 140.4 | 140.4 | 140.4 | 140.4 | 140.4 | 140.4 | 140.4 | 140.4 | 140.4 |

(END OF REPORT)