

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: P395829

Luminaire Tested: **I3-WL-30L82765-1D-UNV-W2A-W-4 (3000K)**

Issue Date: 5/6/2020

Test Information

Test Method: LM-79-08
Report Number: P395829
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-30L82765-1D-UNV-W2A-W-4 (3000K)
Description: CORELITE I3, DOWNLIGHT TRAY
3000 LUMENS, VIVIDTUNE TUNABLE WHITE
Light Source: 2700K/6500K CCT, 80 CRI LEDS, TUNED TO 3000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2697.5 lumens
Efficiency: N/A
Efficacy: 105.4 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

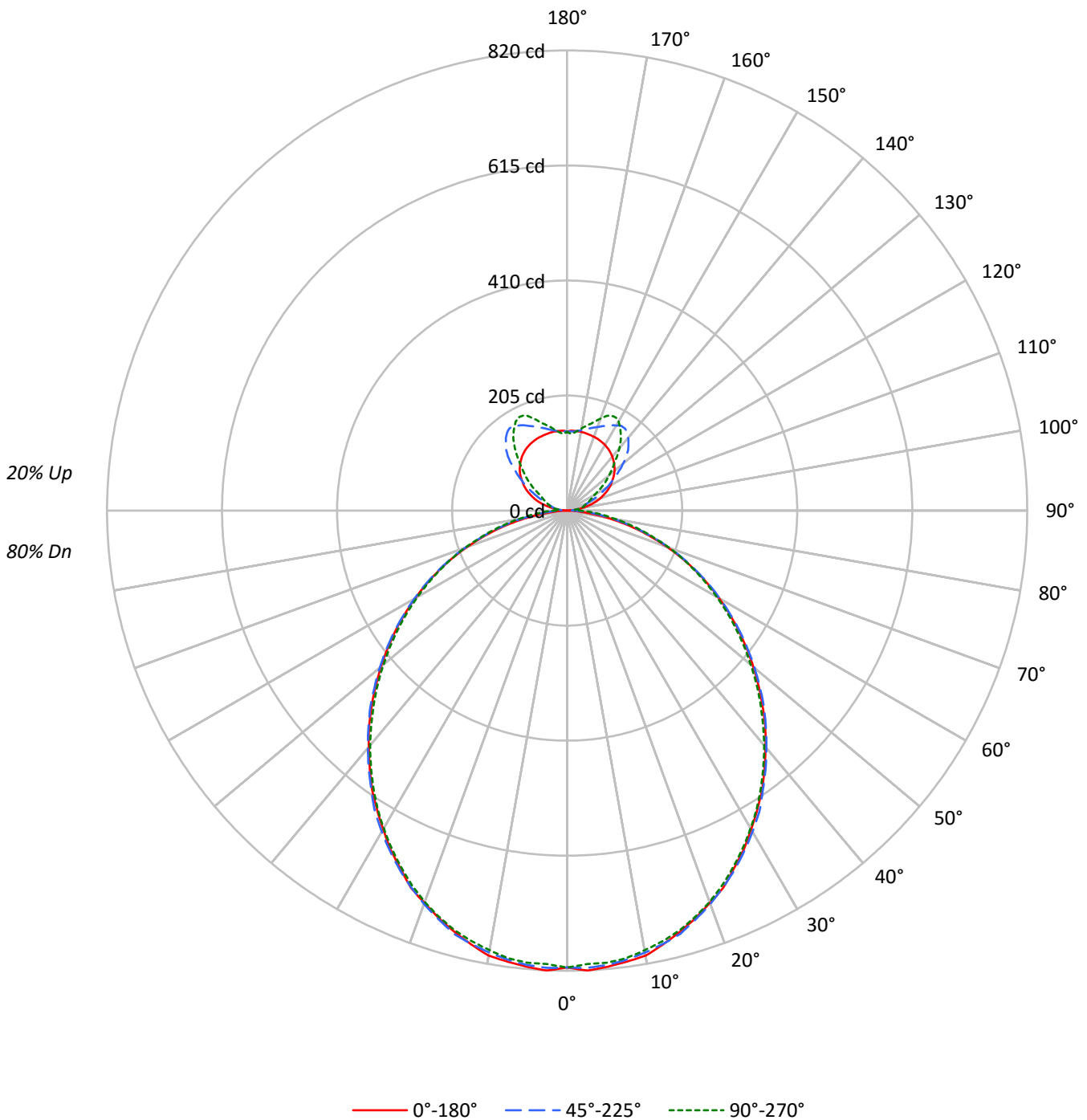
Input Watts (W): 25.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P395829

CATALOG NUMBER: I3-WL-30L82765-1D-UNV-W2A-W-4 (3000K)

Luminous Intensity Polar Plot





TEST NUMBER: P395829

CATALOG NUMBER: I3-WL-30L82765-1D-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 | 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° | 4475 | 4475 | 4475 |
| 5° | 4487 | 4383 | 4336 |
| 10° | 4461 | 4264 | 4194 |
| 15° | 4372 | 4146 | 4045 |
| 20° | 4285 | 3979 | 3870 |
| 25° | 4182 | 3810 | 3677 |
| 30° | 4062 | 3635 | 3479 |
| 35° | 3950 | 3441 | 3275 |
| 40° | 3808 | 3241 | 3063 |
| 45° | 3672 | 3046 | 2839 |
| 50° | 3526 | 2831 | 2614 |
| 55° | 3373 | 2612 | 2384 |
| 60° | 3202 | 2370 | 2146 |
| 65° | 3005 | 2106 | 1892 |
| 70° | 2725 | 1798 | 1624 |
| 75° | 2348 | 1424 | 1304 |
| 80° | 1793 | 1026 | 974 |
| 85° | 933 | 614 | 659 |



TEST NUMBER: P395829

CATALOG NUMBER: I3-WL-30L82765-1D-UNV-W2A-W-4 (3000K)

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 76.9 | 2.9 |
| 10°-20° | 218.2 | 8.1 |
| 20°-30° | 323.1 | 12.0 |
| 30°-40° | 377.6 | 14.0 |
| 40°-50° | 379.3 | 14.1 |
| 50°-60° | 333.4 | 12.4 |
| 60°-70° | 249.8 | 9.3 |
| 70°-80° | 142.1 | 5.3 |
| 80°-90° | 44.9 | 1.7 |
| 90°-100° | 16.2 | 0.6 |
| 100°-110° | 39.4 | 1.5 |
| 110°-120° | 65.5 | 2.4 |
| 120°-130° | 91.8 | 3.4 |
| 130°-140° | 105.8 | 3.9 |
| 140°-150° | 101.1 | 3.7 |
| 150°-160° | 76.0 | 2.8 |
| 160°-170° | 43.0 | 1.6 |
| 170°-180° | 13.6 | 0.5 |
| 0°-30° | 618.2 | 22.9 |
| 0°-40° | 995.8 | 36.9 |
| 0°-60° | 1708.5 | 63.3 |
| 0°-90° | 2145.1 | 79.5 |
| 90°-120° | 121.0 | 4.5 |
| 90°-150° | 419.7 | 15.6 |
| 90°-180° | 552.0 | 20.5 |
| 0°-180° | 2697.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|-----|-------|-----|------|
| 0° | 814 | 814 | 814 | 814 | 814 | |
| 5° | 816 | 808 | 813 | 810 | 809 | 78 |
| 15° | 777 | 770 | 780 | 775 | 774 | 219 |
| 25° | 703 | 701 | 706 | 703 | 701 | 324 |
| 35° | 606 | 601 | 608 | 603 | 602 | 378 |
| 45° | 492 | 492 | 496 | 490 | 487 | 380 |
| 55° | 373 | 375 | 376 | 371 | 367 | 334 |
| 65° | 252 | 253 | 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 | 154 | 127 | 118 | 91 |
| 145° | 131 | 149 | 179 | 172 | 167 | 82 |
| 155° | 138 | 146 | 167 | 184 | 187 | 64 |
| 165° | 141 | 143 | 152 | 158 | 160 | 40 |
| 175° | 143 | 141 | 141 | 141 | 139 | 14 |
| 180° | 140 | 140 | 140 | 140 | 140 | |



TEST NUMBER: P395829

CATALOG NUMBER: I3-WL-30L82765-1D-UNV-W2A-W-4 (3000K)

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 814.2 | 814.2 | 814.2 | 814.2 | 814.2 | 814.2 | 814.2 | 814.2 | 814.2 | 814.2 | 814.2 |
| 2.5° | 820.4 | 819.0 | 815.6 | 812.1 | 811.5 | 810.8 | 810.8 | 810.1 | 810.1 | 811.5 | 815.6 |
| 5° | 816.3 | 815.6 | 812.1 | 808.7 | 808.0 | 808.0 | 807.3 | 807.3 | 807.3 | 808.7 | 812.8 |
| 7.5° | 810.8 | 809.4 | 805.9 | 802.5 | 801.8 | 801.8 | 801.8 | 801.1 | 801.8 | 802.5 | 807.3 |
| 10° | 805.3 | 804.6 | 801.1 | 797.0 | 795.6 | 795.6 | 794.9 | 793.5 | 793.5 | 794.9 | 799.7 |
| 12.5° | 791.5 | 790.8 | 787.3 | 784.6 | 784.6 | 785.3 | 785.3 | 786.0 | 786.0 | 787.3 | 790.8 |
| 15° | 777.0 | 776.3 | 772.9 | 770.1 | 770.1 | 770.1 | 769.4 | 769.4 | 770.1 | 774.3 | 780.5 |
| 17.5° | 761.2 | 760.5 | 757.7 | 755.0 | 755.0 | 755.0 | 754.3 | 754.3 | 755.0 | 757.0 | 763.2 |
| 20° | 744.0 | 743.3 | 740.5 | 737.8 | 737.8 | 737.8 | 737.1 | 737.8 | 737.8 | 740.5 | 746.0 |
| 22.5° | 727.4 | 726.0 | 722.6 | 719.8 | 718.5 | 718.5 | 718.5 | 717.8 | 719.2 | 721.2 | 726.7 |
| 25° | 703.3 | 702.6 | 701.2 | 699.2 | 700.6 | 701.2 | 699.9 | 698.5 | 698.5 | 701.2 | 706.1 |
| 27.5° | 681.3 | 679.9 | 677.8 | 675.8 | 674.4 | 675.1 | 675.8 | 677.1 | 679.2 | 679.9 | 684.0 |
| 30° | 655.8 | 655.1 | 653.0 | 650.3 | 651.0 | 651.6 | 651.6 | 651.6 | 653.0 | 659.2 | 660.6 |
| 32.5° | 631.0 | 630.3 | 628.2 | 625.5 | 626.2 | 626.8 | 626.2 | 626.8 | 628.2 | 631.0 | 637.2 |
| 35° | 606.2 | 604.8 | 602.7 | 602.0 | 601.4 | 601.4 | 601.4 | 602.0 | 602.7 | 604.8 | 608.2 |
| 37.5° | 577.9 | 576.6 | 575.2 | 573.1 | 574.5 | 575.9 | 576.6 | 575.9 | 576.6 | 579.3 | 580.7 |
| 40° | 549.7 | 549.0 | 547.6 | 546.3 | 546.9 | 547.6 | 546.9 | 549.0 | 550.4 | 551.8 | 552.5 |
| 42.5° | 522.8 | 521.5 | 520.1 | 519.4 | 519.4 | 520.1 | 520.1 | 521.5 | 521.5 | 524.9 | 524.2 |
| 45° | 492.5 | 491.8 | 491.1 | 491.1 | 491.8 | 491.8 | 491.8 | 492.5 | 493.2 | 495.3 | 496.0 |
| 47.5° | 462.9 | 462.2 | 462.2 | 462.2 | 462.2 | 462.9 | 463.6 | 465.7 | 464.3 | 465.0 | 465.7 |
| 50° | 433.3 | 432.6 | 432.6 | 432.6 | 434.0 | 434.0 | 435.3 | 436.0 | 436.7 | 435.3 | 436.0 |
| 52.5° | 403.0 | 402.3 | 403.7 | 403.7 | 405.0 | 405.0 | 407.1 | 405.0 | 406.4 | 405.7 | 405.7 |
| 55° | 373.4 | 372.7 | 374.0 | 373.4 | 374.7 | 374.7 | 376.1 | 376.8 | 376.1 | 376.1 | 376.1 |
| 57.5° | 343.0 | 342.4 | 343.0 | 343.7 | 344.4 | 344.4 | 346.5 | 346.5 | 344.4 | 345.8 | 345.1 |
| 60° | 312.7 | 312.0 | 312.7 | 313.4 | 314.1 | 314.1 | 314.8 | 313.4 | 314.8 | 315.5 | 314.8 |
| 62.5° | 282.4 | 281.7 | 283.1 | 282.4 | 283.1 | 283.8 | 283.8 | 285.9 | 285.2 | 285.2 | 284.5 |
| 65° | 252.1 | 251.4 | 251.4 | 251.4 | 252.1 | 252.8 | 253.5 | 254.2 | 254.2 | 254.9 | 254.2 |
| 67.5° | 221.1 | 220.4 | 221.1 | 220.4 | 221.1 | 221.8 | 223.2 | 223.9 | 223.9 | 224.6 | 223.9 |
| 70° | 189.4 | 190.1 | 189.4 | 190.1 | 190.8 | 191.5 | 192.2 | 193.6 | 193.6 | 193.6 | 193.6 |
| 72.5° | 158.4 | 157.7 | 157.7 | 157.1 | 158.4 | 159.1 | 159.8 | 161.9 | 161.9 | 162.6 | 162.6 |
| 75° | 128.1 | 126.7 | 127.4 | 126.7 | 129.5 | 130.2 | 130.2 | 132.3 | 132.9 | 134.3 | 133.6 |
| 77.5° | 98.5 | 98.5 | 97.1 | 99.2 | 99.9 | 101.3 | 102.6 | 104.0 | 104.7 | 106.8 | 106.8 |
| 80° | 70.3 | 70.3 | 69.6 | 71.0 | 73.7 | 74.4 | 76.5 | 77.2 | 79.2 | 80.6 | 81.3 |
| 82.5° | 44.8 | 44.8 | 44.8 | 46.8 | 48.9 | 49.6 | 51.7 | 53.7 | 55.1 | 57.2 | 57.9 |
| 85° | 22.0 | 23.4 | 23.4 | 26.2 | 27.6 | 28.9 | 29.6 | 32.4 | 34.4 | 37.2 | 39.3 |
| 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 | 9.0 | 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 | 9.0 |
| 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 | 15.2 | 15.8 | 15.8 | 17.2 | 17.9 | 18.6 | 18.6 |
| 100° | 28.2 | 43.4 | 40.0 | 26.2 | 21.4 | 20.7 | 20.7 | 20.7 | 21.4 | 22.0 | 22.7 |
| 102.5° | 37.2 | 49.6 | 57.2 | 40.6 | 30.3 | 27.6 | 26.2 | 25.5 | 24.8 | 25.5 | 25.5 |
| 105° | 46.2 | 55.8 | 70.3 | 55.1 | 43.4 | 39.3 | 35.1 | 30.3 | 29.6 | 29.6 | 29.6 |
| 107.5° | 54.4 | 62.0 | 79.9 | 71.6 | 56.5 | 52.4 | 47.5 | 40.0 | 35.1 | 34.4 | 33.8 |
| 110° | 62.0 | 68.2 | 86.8 | 85.4 | 71.0 | 64.8 | 60.6 | 52.4 | 45.5 | 40.6 | 38.6 |



TEST NUMBER: P395829

CATALOG NUMBER: I3-WL-30L82765-1D-UNV-W2A-W-4 (3000K)

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 68.9 | 74.4 | 91.6 | 97.1 | 86.8 | 79.2 | 73.0 | 64.8 | 57.2 | 51.0 | 46.2 |
| 115° | 75.8 | 80.6 | 95.7 | 106.8 | 100.6 | 94.4 | 87.5 | 77.2 | 69.6 | 63.4 | 57.9 |
| 117.5° | 82.7 | 86.8 | 99.9 | 113.7 | 112.3 | 108.1 | 102.6 | 90.2 | 81.3 | 75.1 | 68.9 |
| 120° | 88.9 | 93.0 | 104.0 | 118.5 | 122.6 | 119.2 | 115.7 | 104.7 | 93.7 | 86.8 | 81.3 |
| 122.5° | 94.4 | 97.8 | 108.1 | 122.6 | 130.2 | 129.5 | 126.1 | 118.5 | 107.5 | 99.2 | 92.3 |
| 125° | 99.9 | 103.3 | 112.3 | 125.4 | 135.7 | 137.8 | 136.4 | 130.2 | 121.9 | 112.3 | 104.0 |
| 127.5° | 105.4 | 108.1 | 116.4 | 128.1 | 139.8 | 144.0 | 144.7 | 140.5 | 134.3 | 126.1 | 117.1 |
| 130° | 110.2 | 113.0 | 119.9 | 130.2 | 142.6 | 147.4 | 150.2 | 149.5 | 144.7 | 139.1 | 130.2 |
| 132.5° | 114.3 | 116.4 | 123.3 | 132.3 | 144.0 | 149.5 | 153.6 | 157.1 | 153.6 | 149.5 | 143.3 |
| 135° | 118.5 | 120.5 | 126.1 | 134.3 | 144.7 | 150.2 | 155.7 | 161.2 | 161.9 | 158.4 | 153.6 |
| 137.5° | 121.9 | 123.3 | 128.8 | 135.7 | 144.7 | 150.2 | 155.7 | 163.3 | 167.4 | 166.0 | 161.9 |
| 140° | 125.4 | 126.7 | 130.9 | 137.8 | 145.3 | 150.2 | 155.0 | 163.9 | 169.5 | 171.5 | 169.5 |
| 142.5° | 128.1 | 129.5 | 132.9 | 139.1 | 145.3 | 149.5 | 154.3 | 162.6 | 170.1 | 174.3 | 175.7 |
| 145° | 130.9 | 131.6 | 135.0 | 139.8 | 145.3 | 148.8 | 152.9 | 161.2 | 168.8 | 175.0 | 179.1 |
| 147.5° | 132.9 | 133.6 | 135.7 | 140.5 | 145.3 | 148.1 | 151.5 | 158.4 | 166.0 | 172.9 | 179.1 |
| 150° | 135.0 | 135.0 | 137.1 | 140.5 | 145.3 | 147.4 | 150.2 | 156.4 | 162.6 | 169.5 | 175.0 |
| 152.5° | 136.4 | 136.4 | 138.5 | 141.2 | 144.7 | 146.7 | 149.5 | 154.3 | 159.8 | 166.0 | 171.5 |
| 155° | 137.8 | 137.8 | 139.1 | 141.2 | 144.7 | 146.0 | 148.1 | 152.2 | 157.1 | 161.9 | 166.7 |
| 157.5° | 139.1 | 139.1 | 139.8 | 141.9 | 144.0 | 145.3 | 147.4 | 150.9 | 154.3 | 158.4 | 162.6 |
| 160° | 139.8 | 139.8 | 140.5 | 141.9 | 143.3 | 144.7 | 146.0 | 148.8 | 152.2 | 155.0 | 158.4 |
| 162.5° | 140.5 | 140.5 | 141.2 | 141.9 | 143.3 | 144.0 | 144.7 | 147.4 | 149.5 | 152.2 | 155.0 |
| 165° | 141.2 | 141.2 | 141.2 | 141.9 | 142.6 | 143.3 | 144.0 | 145.3 | 147.4 | 149.5 | 151.5 |
| 167.5° | 141.9 | 141.9 | 141.9 | 141.9 | 142.6 | 142.6 | 143.3 | 144.0 | 145.3 | 146.7 | 148.1 |
| 170° | 142.6 | 141.9 | 141.9 | 142.6 | 141.9 | 141.9 | 142.6 | 143.3 | 143.3 | 144.7 | 145.3 |
| 172.5° | 142.6 | 142.6 | 141.9 | 141.9 | 141.9 | 141.9 | 141.9 | 141.9 | 141.9 | 142.6 | 143.3 |
| 175° | 142.6 | 142.6 | 141.9 | 141.9 | 141.9 | 141.2 | 141.2 | 141.2 | 141.2 | 141.2 | 141.2 |
| 177.5° | 142.6 | 142.6 | 141.9 | 141.9 | 141.2 | 141.2 | 141.2 | 141.2 | 141.2 | 141.2 | 141.2 |
| 180° | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 |



TEST NUMBER: P395829

CATALOG NUMBER: I3-WL-30L82765-1D-UNV-W2A-W-4 (3000K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 814.2 | 814.2 | 814.2 | 814.2 | 814.2 | 814.2 | 814.2 | 814.2 | 814.2 | 814.2 |
| 2.5° | 819.7 | 816.3 | 814.9 | 814.2 | 813.5 | 812.8 | 811.5 | 810.1 | 808.7 | 808.7 |
| 5° | 816.3 | 812.8 | 811.5 | 810.8 | 810.1 | 809.4 | 808.7 | 808.7 | 808.7 | 808.7 |
| 7.5° | 810.8 | 807.3 | 805.9 | 805.3 | 805.3 | 804.6 | 804.6 | 804.6 | 803.9 | 804.6 |
| 10° | 802.5 | 799.1 | 798.4 | 797.7 | 797.0 | 795.6 | 795.6 | 795.6 | 794.9 | 795.6 |
| 12.5° | 792.2 | 788.7 | 788.0 | 787.3 | 786.7 | 786.0 | 786.0 | 785.3 | 785.3 | 786.0 |
| 15° | 781.8 | 777.0 | 775.6 | 775.6 | 774.9 | 774.3 | 774.9 | 774.3 | 774.3 | 774.3 |
| 17.5° | 766.7 | 764.6 | 762.6 | 761.2 | 760.5 | 759.8 | 759.8 | 759.1 | 759.1 | 759.1 |
| 20° | 746.7 | 746.7 | 746.7 | 743.3 | 742.6 | 741.9 | 741.9 | 741.9 | 741.9 | 741.9 |
| 22.5° | 727.4 | 724.0 | 726.7 | 724.7 | 723.3 | 721.9 | 722.6 | 722.6 | 722.6 | 722.6 |
| 25° | 706.1 | 703.3 | 704.0 | 704.7 | 703.3 | 701.2 | 701.2 | 701.2 | 701.2 | 700.6 |
| 27.5° | 683.3 | 681.3 | 680.6 | 681.3 | 682.6 | 681.3 | 679.2 | 677.1 | 677.8 | 677.8 |
| 30° | 658.5 | 657.8 | 657.2 | 655.8 | 657.2 | 657.8 | 654.4 | 653.7 | 653.7 | 653.7 |
| 32.5° | 633.7 | 633.0 | 631.0 | 629.6 | 630.3 | 631.7 | 630.3 | 628.9 | 628.9 | 628.9 |
| 35° | 608.9 | 606.2 | 604.1 | 603.4 | 603.4 | 604.8 | 604.1 | 602.0 | 602.0 | 602.0 |
| 37.5° | 580.0 | 580.7 | 577.3 | 576.6 | 576.6 | 576.6 | 577.9 | 574.5 | 575.2 | 574.5 |
| 40° | 551.8 | 552.5 | 550.4 | 548.3 | 549.0 | 547.6 | 549.7 | 546.3 | 546.3 | 546.3 |
| 42.5° | 523.5 | 522.1 | 522.8 | 518.7 | 519.4 | 519.4 | 520.1 | 518.0 | 517.3 | 516.6 |
| 45° | 494.6 | 493.2 | 492.5 | 490.5 | 490.5 | 489.8 | 489.8 | 487.0 | 487.0 | 487.0 |
| 47.5° | 464.3 | 463.6 | 462.2 | 460.8 | 460.8 | 460.1 | 458.8 | 458.1 | 457.4 | 457.4 |
| 50° | 435.3 | 433.3 | 431.2 | 431.9 | 431.2 | 430.5 | 429.2 | 428.5 | 427.8 | 427.1 |
| 52.5° | 404.4 | 404.4 | 401.6 | 401.6 | 401.6 | 400.9 | 399.5 | 398.2 | 398.2 | 397.5 |
| 55° | 374.0 | 373.4 | 371.3 | 370.6 | 371.3 | 370.6 | 369.2 | 367.8 | 367.8 | 367.2 |
| 57.5° | 343.7 | 342.4 | 341.7 | 341.7 | 341.0 | 341.0 | 338.9 | 337.5 | 338.2 | 337.5 |
| 60° | 312.7 | 312.7 | 312.0 | 311.4 | 311.4 | 310.7 | 308.6 | 308.6 | 308.6 | 307.9 |
| 62.5° | 283.1 | 283.1 | 281.7 | 281.0 | 281.7 | 281.0 | 280.4 | 279.7 | 279.0 | 278.3 |
| 65° | 252.1 | 252.8 | 251.4 | 252.1 | 252.1 | 250.7 | 250.7 | 250.1 | 250.1 | 249.4 |
| 67.5° | 223.2 | 223.2 | 222.5 | 222.5 | 223.2 | 222.5 | 222.5 | 221.8 | 221.8 | 221.1 |
| 70° | 193.6 | 194.9 | 194.3 | 194.3 | 194.3 | 193.6 | 193.6 | 193.6 | 192.9 | 193.6 |
| 72.5° | 163.9 | 163.9 | 163.9 | 163.9 | 163.9 | 164.6 | 164.6 | 164.6 | 164.6 | 163.9 |
| 75° | 136.4 | 137.1 | 136.4 | 137.1 | 137.8 | 137.8 | 137.8 | 137.8 | 138.5 | 137.8 |
| 77.5° | 109.5 | 110.2 | 110.2 | 111.6 | 111.6 | 111.6 | 112.3 | 112.3 | 112.3 | 112.3 |
| 80° | 84.0 | 84.7 | 85.4 | 86.8 | 86.8 | 88.2 | 88.9 | 88.9 | 88.9 | 88.9 |
| 82.5° | 60.6 | 62.7 | 63.4 | 65.4 | 66.1 | 66.1 | 67.5 | 68.2 | 68.2 | 68.2 |
| 85° | 42.0 | 44.1 | 45.5 | 46.8 | 48.2 | 48.2 | 49.6 | 49.6 | 50.3 | 50.3 |
| 87.5° | 26.2 | 28.2 | 29.6 | 31.7 | 32.4 | 33.1 | 33.8 | 34.4 | 35.1 | 35.1 |
| 90° | 14.5 | 15.8 | 17.2 | 18.6 | 18.6 | 19.3 | 20.0 | 20.7 | 21.4 | 21.4 |
| 92.5° | 10.3 | 11.0 | 12.4 | 13.1 | 13.1 | 13.8 | 14.5 | 14.5 | 15.2 | 15.2 |
| 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° | 26.2 | 26.9 | 27.6 | 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° | 33.8 | 33.8 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 |
| 110° | 38.6 | 38.6 | 38.6 | 37.9 | 38.6 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 |



TEST NUMBER: P395829

CATALOG NUMBER: I3-WL-30L82765-1D-UNV-W2A-W-4 (3000K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 44.1 | 43.4 | 43.4 | 42.7 | 42.7 | 42.7 | 42.0 | 42.0 | 42.0 | 42.0 |
| 115° | 53.0 | 49.6 | 48.2 | 46.8 | 46.8 | 46.8 | 46.2 | 46.2 | 46.2 | 46.2 |
| 117.5° | 64.1 | 59.2 | 56.5 | 53.7 | 53.0 | 52.4 | 51.0 | 51.0 | 50.3 | 50.3 |
| 120° | 75.8 | 71.0 | 66.8 | 63.4 | 62.0 | 61.3 | 59.2 | 57.9 | 56.5 | 56.5 |
| 122.5° | 86.8 | 82.0 | 77.8 | 74.4 | 73.0 | 71.6 | 69.6 | 68.2 | 66.8 | 66.8 |
| 125° | 97.8 | 93.0 | 88.9 | 85.4 | 83.4 | 82.0 | 79.9 | 78.5 | 77.2 | 77.2 |
| 127.5° | 109.5 | 103.3 | 99.2 | 95.7 | 93.7 | 93.0 | 90.2 | 88.9 | 87.5 | 87.5 |
| 130° | 122.6 | 115.0 | 109.5 | 105.4 | 104.0 | 102.6 | 100.6 | 99.2 | 97.8 | 97.8 |
| 132.5° | 135.7 | 128.1 | 121.9 | 116.4 | 114.3 | 113.0 | 110.2 | 108.8 | 107.5 | 107.5 |
| 135° | 148.1 | 141.2 | 135.0 | 129.5 | 127.4 | 125.4 | 122.6 | 119.9 | 118.5 | 118.5 |
| 137.5° | 157.7 | 152.9 | 147.4 | 142.6 | 140.5 | 138.5 | 135.7 | 132.9 | 130.9 | 131.6 |
| 140° | 166.0 | 161.9 | 158.4 | 155.0 | 152.9 | 151.5 | 148.8 | 146.7 | 144.7 | 144.7 |
| 142.5° | 173.6 | 170.1 | 166.7 | 163.9 | 163.3 | 162.6 | 160.5 | 158.4 | 157.1 | 157.1 |
| 145° | 180.5 | 178.4 | 175.7 | 172.2 | 171.5 | 170.8 | 168.8 | 167.4 | 166.7 | 166.7 |
| 147.5° | 182.5 | 183.2 | 182.5 | 180.5 | 179.8 | 179.1 | 177.7 | 176.3 | 175.7 | 175.7 |
| 150° | 181.2 | 183.9 | 185.3 | 185.3 | 185.3 | 185.3 | 185.3 | 183.9 | 183.2 | 183.2 |
| 152.5° | 177.0 | 181.2 | 183.9 | 186.0 | 186.7 | 187.4 | 187.4 | 188.1 | 187.4 | 187.4 |
| 155° | 172.2 | 176.3 | 180.5 | 182.5 | 183.9 | 184.6 | 186.0 | 186.7 | 187.4 | 186.7 |
| 157.5° | 166.7 | 170.1 | 172.9 | 177.0 | 178.4 | 179.8 | 181.2 | 182.5 | 183.2 | 182.5 |
| 160° | 161.9 | 164.6 | 166.7 | 169.5 | 170.1 | 171.5 | 172.9 | 173.6 | 175.0 | 174.3 |
| 162.5° | 157.1 | 159.1 | 161.2 | 162.6 | 163.9 | 164.6 | 166.0 | 166.7 | 167.4 | 166.7 |
| 165° | 153.6 | 155.0 | 155.7 | 157.1 | 157.7 | 158.4 | 159.1 | 159.8 | 159.8 | 159.8 |
| 167.5° | 149.5 | 150.9 | 151.5 | 152.2 | 152.9 | 153.6 | 153.6 | 154.3 | 154.3 | 154.3 |
| 170° | 146.0 | 146.7 | 147.4 | 148.1 | 148.1 | 148.8 | 148.8 | 148.8 | 149.5 | 148.8 |
| 172.5° | 143.3 | 143.3 | 143.3 | 144.0 | 144.0 | 144.0 | 144.0 | 144.0 | 144.0 | 143.3 |
| 175° | 141.9 | 141.9 | 141.2 | 141.2 | 141.2 | 141.2 | 141.2 | 140.5 | 139.8 | 139.1 |
| 177.5° | 141.2 | 140.5 | 140.5 | 139.8 | 139.8 | 139.8 | 139.1 | 138.5 | 137.8 | 137.1 |
| 180° | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 |

(END OF REPORT)