

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: P395767

Luminaire Tested: **I3-UL-60L92765-1D-UNV-W2A-W-4 (4500K)**

Issue Date: 5/6/2020

Test Information

Test Method: LM-79-08
Report Number: P395767
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2001-656-2)
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: I3-UL-60L92765-1D-UNV-W2A-W-4 (4500K)
Description: CORELITE I3, OPEN TOP
6000 LUMENS, VIVIDTUNE TUNABLE WHITE
Light Source: 2700K/6500K CCT, 90 CRI LEDS, TUNED TO 4500K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5501.8 lumens
Efficiency: N/A
Efficacy: 122.5 lumens/watt
Spacing Criteria (0/90/45): 1.33 / 1.54 / 1.55
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 3.92' x H: 0.17')
CIE Type: Semi-Indirect

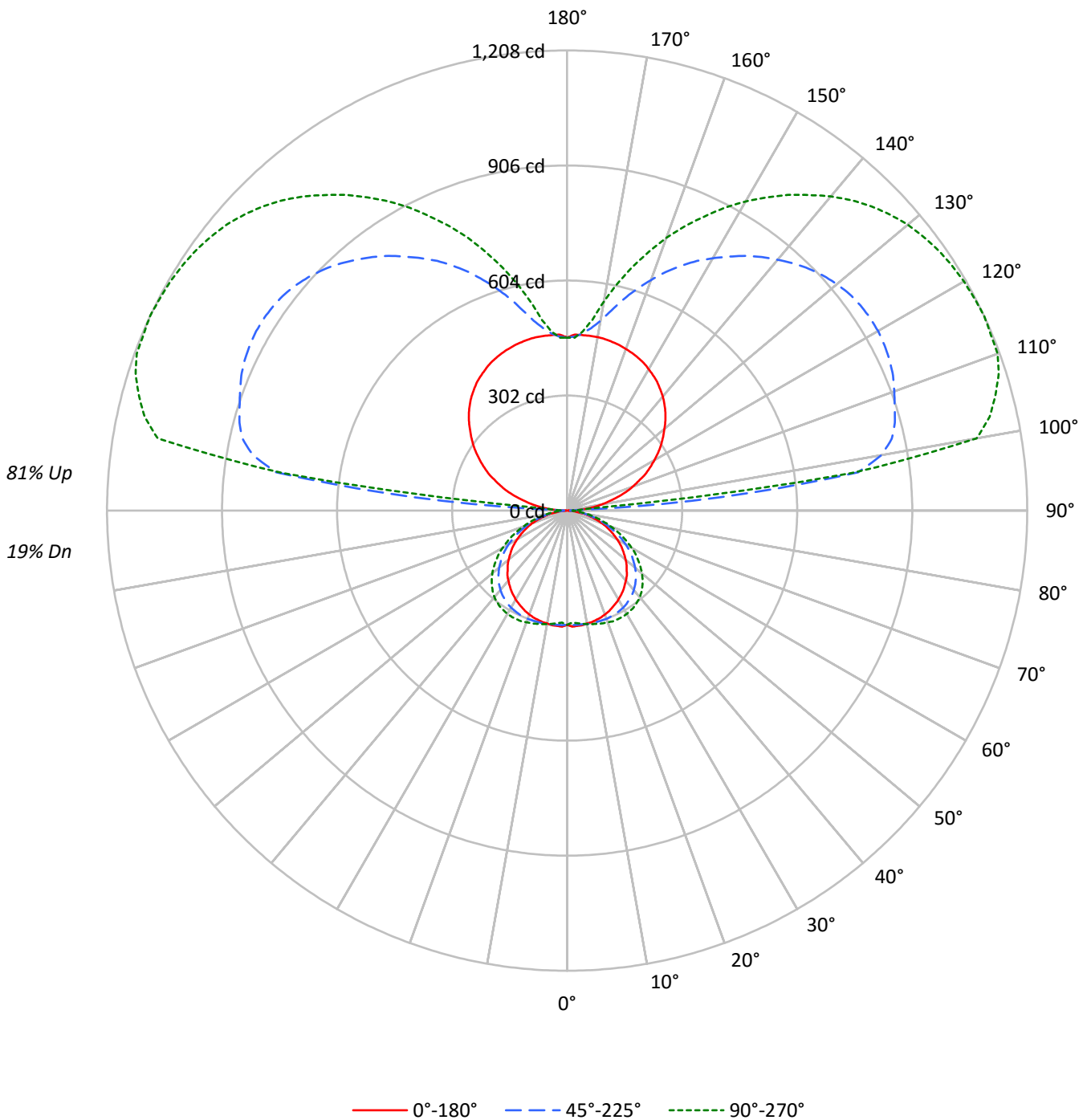
Input Watts (W): 44.9
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P395767

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (4500K)

Luminous Intensity Polar Plot





TEST NUMBER: P395767

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (4500K)

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 | 100 | 100 | 100 | 100 | 88 | 88 | 88 | 88 | 66 | 66 | 66 | 46 | 46 | 46 | 28 | 28 | 28 | 19 | | | | |
| 1 | 91 | 87 | 83 | 79 | 80 | 76 | 73 | 71 | 58 | 56 | 54 | 40 | 39 | 38 | 24 | 24 | 23 | 16 | | | | |
| 2 | 82 | 75 | 69 | 64 | 72 | 67 | 62 | 58 | 50 | 47 | 44 | 35 | 33 | 31 | 21 | 20 | 19 | 13 | | | | |
| 3 | 75 | 66 | 59 | 53 | 66 | 58 | 52 | 48 | 44 | 40 | 37 | 31 | 28 | 26 | 19 | 17 | 16 | 11 | | | | |
| 4 | 68 | 58 | 51 | 45 | 60 | 51 | 45 | 40 | 39 | 35 | 31 | 27 | 24 | 22 | 16 | 15 | 14 | 9 | | | | |
| 5 | 63 | 51 | 44 | 38 | 55 | 46 | 39 | 34 | 35 | 30 | 26 | 24 | 21 | 19 | 15 | 13 | 12 | 8 | | | | |
| 6 | 57 | 46 | 38 | 33 | 50 | 41 | 34 | 29 | 31 | 26 | 23 | 22 | 19 | 16 | 13 | 12 | 10 | 7 | | | | |
| 7 | 53 | 41 | 34 | 28 | 46 | 37 | 30 | 25 | 28 | 23 | 20 | 20 | 17 | 14 | 12 | 10 | 9 | 6 | | | | |
| 8 | 49 | 37 | 30 | 25 | 43 | 33 | 27 | 22 | 25 | 21 | 17 | 18 | 15 | 13 | 11 | 9 | 8 | 5 | | | | |
| 9 | 45 | 34 | 26 | 22 | 40 | 30 | 24 | 20 | 23 | 18 | 15 | 16 | 13 | 11 | 10 | 8 | 7 | 5 | | | | |
| 10 | 42 | 31 | 24 | 19 | 37 | 27 | 21 | 17 | 21 | 17 | 14 | 15 | 12 | 10 | 9 | 8 | 6 | 4 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 1647 | 1647 | 1647 |
| 5° | 1669 | 1623 | 1592 |
| 10° | 1667 | 1612 | 1594 |
| 15° | 1670 | 1606 | 1608 |
| 20° | 1672 | 1613 | 1627 |
| 25° | 1669 | 1617 | 1651 |
| 30° | 1671 | 1619 | 1667 |
| 35° | 1670 | 1611 | 1674 |
| 40° | 1663 | 1599 | 1665 |
| 45° | 1648 | 1565 | 1628 |
| 50° | 1633 | 1514 | 1569 |
| 55° | 1604 | 1441 | 1479 |
| 60° | 1555 | 1337 | 1361 |
| 65° | 1486 | 1190 | 1213 |
| 70° | 1404 | 1033 | 1023 |
| 75° | 1217 | 809 | 821 |
| 80° | 969 | 582 | 594 |
| 85° | 577 | 339 | 391 |



TEST NUMBER: P395767

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (4500K)

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 28.7 | 0.5 |
| 10°-20° | 85.5 | 1.6 |
| 20°-30° | 137.5 | 2.5 |
| 30°-40° | 177.0 | 3.2 |
| 40°-50° | 194.4 | 3.5 |
| 50°-60° | 182.7 | 3.3 |
| 60°-70° | 142.0 | 2.6 |
| 70°-80° | 81.4 | 1.5 |
| 80°-90° | 26.1 | 0.5 |
| 90°-100° | 351.7 | 6.4 |
| 100°-110° | 835.8 | 15.2 |
| 110°-120° | 839.6 | 15.3 |
| 120°-130° | 769.9 | 14.0 |
| 130°-140° | 643.8 | 11.7 |
| 140°-150° | 483.2 | 8.8 |
| 150°-160° | 314.6 | 5.7 |
| 160°-170° | 162.0 | 2.9 |
| 170°-180° | 45.8 | 0.8 |
| 0°-30° | 251.7 | 4.6 |
| 0°-40° | 428.7 | 7.8 |
| 0°-60° | 805.9 | 14.6 |
| 0°-90° | 1055.4 | 19.2 |
| 90°-120° | 2027.0 | 36.8 |
| 90°-150° | 3924.0 | 71.3 |
| 90°-180° | 4446.0 | 80.8 |
| 0°-180° | 5501.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|-----|-------|------|------|
| 0° | 300 | 300 | 300 | 300 | 300 | |
| 5° | 304 | 301 | 301 | 300 | 297 | 29 |
| 15° | 297 | 296 | 302 | 306 | 308 | 84 |
| 25° | 281 | 283 | 300 | 310 | 315 | 130 |
| 35° | 256 | 263 | 285 | 302 | 308 | 160 |
| 45° | 221 | 232 | 255 | 274 | 279 | 171 |
| 55° | 178 | 187 | 208 | 222 | 228 | 158 |
| 65° | 125 | 132 | 144 | 156 | 160 | 123 |
| 75° | 66 | 69 | 76 | 84 | 87 | 71 |
| 85° | 14 | 16 | 22 | 28 | 30 | 16 |
| 90° | 1 | 4 | 8 | 12 | 14 | 4 |
| 95° | 48 | 393 | 404 | 54 | 46 | 47 |
| 105° | 137 | 527 | 891 | 1098 | 1163 | 145 |
| 115° | 226 | 594 | 934 | 1136 | 1208 | 223 |
| 125° | 301 | 620 | 940 | 1125 | 1190 | 269 |
| 135° | 365 | 617 | 898 | 1067 | 1130 | 281 |
| 145° | 412 | 591 | 816 | 959 | 1012 | 258 |
| 155° | 442 | 542 | 709 | 812 | 852 | 204 |
| 165° | 458 | 490 | 575 | 637 | 662 | 130 |
| 175° | 462 | 461 | 466 | 472 | 472 | 44 |
| 180° | 454 | 454 | 454 | 454 | 454 | |



TEST NUMBER: P395767

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (4500K)

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 299.7 | 299.7 | 299.7 | 299.7 | 299.7 | 299.7 | 299.7 | 299.7 | 299.7 | 299.7 | 299.7 |
| 2.5° | 305.1 | 303.7 | 302.4 | 302.4 | 301.0 | 301.0 | 301.0 | 299.7 | 299.7 | 299.7 | 301.0 |
| 5° | 303.7 | 303.7 | 302.4 | 301.0 | 301.0 | 301.0 | 299.7 | 299.7 | 299.7 | 299.7 | 301.0 |
| 7.5° | 303.7 | 302.4 | 301.0 | 301.0 | 299.7 | 299.7 | 299.7 | 299.7 | 299.7 | 299.7 | 301.0 |
| 10° | 301.0 | 301.0 | 299.7 | 299.7 | 298.3 | 299.7 | 299.7 | 299.7 | 299.7 | 299.7 | 302.4 |
| 12.5° | 299.7 | 299.7 | 298.3 | 296.9 | 296.9 | 296.9 | 298.3 | 298.3 | 298.3 | 299.7 | 302.4 |
| 15° | 296.9 | 296.9 | 295.6 | 295.6 | 295.6 | 295.6 | 296.9 | 296.9 | 298.3 | 299.7 | 302.4 |
| 17.5° | 294.2 | 294.2 | 292.9 | 292.9 | 292.9 | 294.2 | 294.2 | 295.6 | 296.9 | 299.7 | 302.4 |
| 20° | 290.2 | 290.2 | 290.2 | 290.2 | 290.2 | 291.5 | 291.5 | 292.9 | 295.6 | 298.3 | 302.4 |
| 22.5° | 286.1 | 286.1 | 286.1 | 286.1 | 286.1 | 287.5 | 288.8 | 291.5 | 292.9 | 296.9 | 301.0 |
| 25° | 280.7 | 280.7 | 280.7 | 280.7 | 282.0 | 283.4 | 284.7 | 287.5 | 290.2 | 294.2 | 299.7 |
| 27.5° | 275.2 | 276.6 | 276.6 | 276.6 | 278.0 | 279.3 | 280.7 | 283.4 | 287.5 | 292.9 | 296.9 |
| 30° | 269.8 | 269.8 | 269.8 | 271.2 | 272.5 | 273.9 | 276.6 | 279.3 | 283.4 | 288.8 | 294.2 |
| 32.5° | 263.0 | 263.0 | 264.4 | 264.4 | 267.1 | 268.5 | 271.2 | 275.2 | 279.3 | 284.7 | 290.2 |
| 35° | 256.3 | 256.3 | 256.3 | 259.0 | 260.3 | 263.0 | 264.4 | 268.5 | 273.9 | 279.3 | 284.7 |
| 37.5° | 248.1 | 249.5 | 249.5 | 250.8 | 253.6 | 256.3 | 257.6 | 263.0 | 268.5 | 273.9 | 279.3 |
| 40° | 240.0 | 241.4 | 241.4 | 242.7 | 246.8 | 248.1 | 250.8 | 256.3 | 260.3 | 267.1 | 272.5 |
| 42.5° | 231.9 | 231.9 | 233.2 | 234.6 | 238.6 | 240.0 | 242.7 | 248.1 | 253.6 | 259.0 | 264.4 |
| 45° | 221.0 | 222.4 | 223.7 | 225.1 | 229.1 | 231.9 | 234.6 | 238.6 | 244.1 | 249.5 | 254.9 |
| 47.5° | 211.5 | 211.5 | 212.9 | 215.6 | 219.7 | 222.4 | 223.7 | 229.1 | 233.2 | 238.6 | 244.1 |
| 50° | 200.7 | 202.0 | 202.0 | 204.7 | 208.8 | 211.5 | 212.9 | 218.3 | 222.4 | 227.8 | 233.2 |
| 52.5° | 188.5 | 189.8 | 191.2 | 193.9 | 198.0 | 200.7 | 202.0 | 206.1 | 210.2 | 215.6 | 219.7 |
| 55° | 177.6 | 179.0 | 179.0 | 181.7 | 185.8 | 187.1 | 189.8 | 192.5 | 198.0 | 202.0 | 207.5 |
| 57.5° | 165.4 | 166.8 | 166.8 | 169.5 | 172.2 | 174.9 | 176.3 | 180.3 | 184.4 | 188.5 | 192.5 |
| 60° | 151.9 | 153.2 | 154.6 | 155.9 | 158.6 | 161.4 | 162.7 | 165.4 | 169.5 | 173.6 | 177.6 |
| 62.5° | 138.3 | 139.7 | 141.0 | 142.4 | 145.1 | 146.4 | 147.8 | 151.9 | 154.6 | 158.6 | 161.4 |
| 65° | 124.7 | 126.1 | 127.5 | 128.8 | 130.2 | 131.5 | 132.9 | 135.6 | 138.3 | 142.4 | 143.7 |
| 67.5° | 111.2 | 112.5 | 112.5 | 113.9 | 115.3 | 116.6 | 118.0 | 120.7 | 122.0 | 126.1 | 127.5 |
| 70° | 97.6 | 97.6 | 97.6 | 99.0 | 99.0 | 100.3 | 101.7 | 104.4 | 105.8 | 108.5 | 111.2 |
| 72.5° | 81.4 | 82.7 | 82.7 | 82.7 | 84.1 | 85.4 | 86.8 | 88.1 | 89.5 | 90.8 | 93.6 |
| 75° | 66.4 | 67.8 | 66.4 | 67.8 | 69.2 | 69.2 | 70.5 | 71.9 | 73.2 | 74.6 | 75.9 |
| 77.5° | 52.9 | 51.5 | 52.9 | 52.9 | 54.2 | 54.2 | 54.2 | 55.6 | 58.3 | 58.3 | 61.0 |
| 80° | 38.0 | 38.0 | 38.0 | 38.0 | 39.3 | 39.3 | 40.7 | 40.7 | 43.4 | 44.7 | 46.1 |
| 82.5° | 24.4 | 24.4 | 25.8 | 25.8 | 25.8 | 27.1 | 27.1 | 28.5 | 29.8 | 31.2 | 32.5 |
| 85° | 13.6 | 13.6 | 13.6 | 14.9 | 14.9 | 16.3 | 16.3 | 17.6 | 19.0 | 20.3 | 21.7 |
| 87.5° | 4.1 | 5.4 | 6.8 | 6.8 | 8.1 | 8.1 | 9.5 | 9.5 | 12.2 | 13.6 | 14.9 |
| 90° | 1.4 | 1.4 | 2.7 | 2.7 | 2.7 | 4.1 | 4.1 | 5.4 | 5.4 | 6.8 | 8.1 |
| 92.5° | 23.1 | 54.2 | 112.5 | 168.1 | 145.1 | 135.6 | 81.4 | 24.4 | 21.7 | 23.1 | 23.1 |
| 95° | 47.5 | 89.5 | 164.1 | 265.8 | 344.4 | 393.2 | 425.8 | 488.1 | 551.9 | 541.0 | 404.1 |
| 97.5° | 69.2 | 115.3 | 198.0 | 291.5 | 400.0 | 455.6 | 497.6 | 572.2 | 653.5 | 721.3 | 770.2 |
| 100° | 90.8 | 138.3 | 226.4 | 324.1 | 424.4 | 474.6 | 523.4 | 625.1 | 705.1 | 772.9 | 837.9 |
| 102.5° | 113.9 | 161.4 | 252.2 | 353.9 | 452.9 | 501.7 | 549.1 | 638.6 | 728.1 | 809.5 | 873.2 |
| 105° | 136.9 | 185.8 | 275.2 | 379.7 | 478.6 | 527.4 | 573.5 | 659.0 | 741.7 | 817.6 | 890.8 |
| 107.5° | 161.4 | 207.5 | 295.6 | 400.0 | 499.0 | 547.8 | 593.9 | 679.3 | 759.3 | 835.2 | 901.7 |
| 110° | 183.0 | 227.8 | 315.9 | 419.0 | 518.0 | 566.8 | 612.9 | 698.3 | 776.9 | 848.8 | 913.9 |



TEST NUMBER: P395767

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (4500K)

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 203.4 | 246.8 | 334.9 | 435.2 | 532.9 | 581.7 | 626.4 | 711.8 | 790.5 | 861.0 | 926.1 |
| 115° | 226.4 | 264.4 | 353.9 | 450.2 | 546.4 | 593.9 | 638.6 | 722.7 | 801.3 | 870.5 | 934.2 |
| 117.5° | 245.4 | 282.0 | 370.2 | 462.4 | 557.3 | 603.4 | 646.8 | 730.8 | 808.1 | 877.3 | 939.6 |
| 120° | 264.4 | 298.3 | 385.1 | 473.2 | 565.4 | 610.2 | 653.5 | 736.3 | 813.5 | 881.3 | 942.4 |
| 122.5° | 283.4 | 314.6 | 397.3 | 484.1 | 572.2 | 616.9 | 659.0 | 740.3 | 816.3 | 882.7 | 942.4 |
| 125° | 301.0 | 328.1 | 408.1 | 492.2 | 576.3 | 619.6 | 660.3 | 740.3 | 814.9 | 880.0 | 939.6 |
| 127.5° | 317.3 | 343.0 | 416.3 | 500.3 | 579.0 | 621.0 | 660.3 | 737.6 | 812.2 | 875.9 | 934.2 |
| 130° | 333.6 | 356.6 | 424.4 | 504.4 | 581.7 | 619.6 | 657.6 | 732.2 | 805.4 | 869.1 | 924.7 |
| 132.5° | 349.8 | 371.5 | 431.2 | 508.5 | 583.0 | 619.6 | 654.9 | 726.8 | 797.3 | 859.6 | 912.5 |
| 135° | 364.7 | 382.4 | 438.0 | 511.2 | 581.7 | 616.9 | 649.5 | 717.3 | 785.1 | 846.1 | 897.6 |
| 137.5° | 378.3 | 393.2 | 443.4 | 512.5 | 580.3 | 612.9 | 645.4 | 706.4 | 770.2 | 829.8 | 880.0 |
| 140° | 390.5 | 404.1 | 446.1 | 512.5 | 574.9 | 607.4 | 637.3 | 695.6 | 753.9 | 810.8 | 859.6 |
| 142.5° | 401.3 | 413.6 | 450.2 | 509.8 | 569.5 | 600.7 | 629.1 | 684.7 | 737.6 | 791.8 | 839.3 |
| 145° | 412.2 | 421.7 | 452.9 | 508.5 | 562.7 | 591.2 | 618.3 | 671.2 | 722.7 | 771.5 | 816.3 |
| 147.5° | 420.3 | 429.8 | 455.6 | 503.0 | 554.6 | 580.3 | 606.1 | 656.3 | 703.7 | 749.8 | 790.5 |
| 150° | 428.5 | 436.6 | 456.9 | 497.6 | 545.1 | 568.1 | 591.2 | 638.6 | 684.7 | 726.8 | 764.7 |
| 152.5° | 436.6 | 442.0 | 461.0 | 492.2 | 534.2 | 555.9 | 579.0 | 621.0 | 663.0 | 702.4 | 739.0 |
| 155° | 442.0 | 446.1 | 462.4 | 486.8 | 523.4 | 542.4 | 561.3 | 600.7 | 638.6 | 675.2 | 709.1 |
| 157.5° | 447.4 | 451.5 | 463.7 | 482.7 | 511.2 | 528.8 | 545.1 | 579.0 | 614.2 | 646.8 | 678.0 |
| 160° | 451.5 | 454.2 | 463.7 | 480.0 | 500.3 | 512.5 | 527.4 | 558.6 | 588.5 | 616.9 | 644.1 |
| 162.5° | 455.6 | 456.9 | 463.7 | 475.9 | 490.8 | 499.0 | 509.8 | 534.2 | 561.3 | 585.8 | 610.2 |
| 165° | 458.3 | 459.7 | 463.7 | 473.2 | 482.7 | 489.5 | 494.9 | 512.5 | 532.9 | 554.6 | 574.9 |
| 167.5° | 461.0 | 461.0 | 463.7 | 470.5 | 475.9 | 480.0 | 484.1 | 493.5 | 507.1 | 523.4 | 538.3 |
| 170° | 462.4 | 462.4 | 463.7 | 467.8 | 471.9 | 473.2 | 475.9 | 481.3 | 488.1 | 496.3 | 505.8 |
| 172.5° | 462.4 | 462.4 | 462.4 | 465.1 | 466.4 | 466.4 | 466.4 | 469.1 | 473.2 | 478.6 | 482.7 |
| 175° | 462.4 | 461.0 | 461.0 | 462.4 | 461.0 | 461.0 | 461.0 | 461.0 | 462.4 | 465.1 | 466.4 |
| 177.5° | 462.4 | 461.0 | 459.7 | 459.7 | 458.3 | 458.3 | 456.9 | 456.9 | 456.9 | 456.9 | 456.9 |
| 180° | 454.2 | 454.2 | 454.2 | 454.2 | 454.2 | 454.2 | 454.2 | 454.2 | 454.2 | 454.2 | 454.2 |



TEST NUMBER: P395767

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (4500K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 299.7 | 299.7 | 299.7 | 299.7 | 299.7 | 299.7 | 299.7 | 299.7 | 299.7 | 299.7 |
| 2.5° | 301.0 | 301.0 | 299.7 | 298.3 | 298.3 | 298.3 | 296.9 | 295.6 | 294.2 | 294.2 |
| 5° | 301.0 | 301.0 | 299.7 | 299.7 | 299.7 | 299.7 | 298.3 | 298.3 | 296.9 | 296.9 |
| 7.5° | 302.4 | 301.0 | 301.0 | 301.0 | 301.0 | 301.0 | 301.0 | 301.0 | 299.7 | 299.7 |
| 10° | 302.4 | 302.4 | 302.4 | 302.4 | 302.4 | 302.4 | 302.4 | 302.4 | 302.4 | 302.4 |
| 12.5° | 303.7 | 303.7 | 303.7 | 303.7 | 305.1 | 305.1 | 305.1 | 305.1 | 305.1 | 305.1 |
| 15° | 303.7 | 305.1 | 306.4 | 306.4 | 306.4 | 307.8 | 307.8 | 307.8 | 307.8 | 307.8 |
| 17.5° | 305.1 | 306.4 | 307.8 | 307.8 | 309.1 | 309.1 | 310.5 | 310.5 | 310.5 | 310.5 |
| 20° | 305.1 | 306.4 | 307.8 | 309.1 | 310.5 | 310.5 | 311.9 | 313.2 | 313.2 | 311.9 |
| 22.5° | 303.7 | 306.4 | 307.8 | 309.1 | 310.5 | 311.9 | 313.2 | 314.6 | 314.6 | 314.6 |
| 25° | 302.4 | 305.1 | 307.8 | 310.5 | 310.5 | 311.9 | 314.6 | 314.6 | 314.6 | 314.6 |
| 27.5° | 301.0 | 303.7 | 306.4 | 309.1 | 310.5 | 311.9 | 313.2 | 314.6 | 314.6 | 314.6 |
| 30° | 298.3 | 302.4 | 305.1 | 307.8 | 309.1 | 310.5 | 311.9 | 313.2 | 313.2 | 313.2 |
| 32.5° | 294.2 | 298.3 | 301.0 | 305.1 | 306.4 | 307.8 | 309.1 | 310.5 | 310.5 | 310.5 |
| 35° | 290.2 | 294.2 | 296.9 | 301.0 | 302.4 | 303.7 | 306.4 | 306.4 | 307.8 | 307.8 |
| 37.5° | 283.4 | 288.8 | 291.5 | 295.6 | 296.9 | 298.3 | 301.0 | 302.4 | 302.4 | 302.4 |
| 40° | 276.6 | 282.0 | 284.7 | 288.8 | 290.2 | 291.5 | 294.2 | 295.6 | 296.9 | 296.9 |
| 42.5° | 268.5 | 273.9 | 276.6 | 280.7 | 282.0 | 283.4 | 286.1 | 287.5 | 288.8 | 288.8 |
| 45° | 260.3 | 264.4 | 267.1 | 271.2 | 273.9 | 273.9 | 276.6 | 278.0 | 279.3 | 279.3 |
| 47.5° | 249.5 | 253.6 | 256.3 | 260.3 | 263.0 | 264.4 | 265.8 | 267.1 | 268.5 | 268.5 |
| 50° | 237.3 | 241.4 | 245.4 | 248.1 | 250.8 | 250.8 | 253.6 | 254.9 | 256.3 | 256.3 |
| 52.5° | 225.1 | 227.8 | 231.9 | 235.9 | 237.3 | 238.6 | 240.0 | 241.4 | 242.7 | 242.7 |
| 55° | 211.5 | 214.2 | 218.3 | 221.0 | 222.4 | 223.7 | 225.1 | 226.4 | 227.8 | 227.8 |
| 57.5° | 196.6 | 199.3 | 203.4 | 206.1 | 207.5 | 208.8 | 210.2 | 211.5 | 212.9 | 212.9 |
| 60° | 180.3 | 183.0 | 187.1 | 189.8 | 191.2 | 191.2 | 193.9 | 195.3 | 195.3 | 195.3 |
| 62.5° | 164.1 | 166.8 | 169.5 | 172.2 | 173.6 | 174.9 | 176.3 | 177.6 | 177.6 | 177.6 |
| 65° | 147.8 | 150.5 | 153.2 | 154.6 | 155.9 | 155.9 | 157.3 | 158.6 | 160.0 | 160.0 |
| 67.5° | 130.2 | 132.9 | 135.6 | 136.9 | 138.3 | 138.3 | 139.7 | 141.0 | 141.0 | 141.0 |
| 70° | 112.5 | 113.9 | 116.6 | 118.0 | 119.3 | 119.3 | 122.0 | 122.0 | 122.0 | 122.0 |
| 72.5° | 94.9 | 96.3 | 99.0 | 100.3 | 101.7 | 101.7 | 103.0 | 104.4 | 104.4 | 104.4 |
| 75° | 78.6 | 80.0 | 81.4 | 84.1 | 84.1 | 84.1 | 85.4 | 86.8 | 86.8 | 86.8 |
| 77.5° | 62.4 | 63.7 | 65.1 | 66.4 | 67.8 | 67.8 | 69.2 | 70.5 | 70.5 | 70.5 |
| 80° | 47.5 | 48.8 | 50.2 | 51.5 | 51.5 | 52.9 | 52.9 | 54.2 | 54.2 | 54.2 |
| 82.5° | 33.9 | 35.3 | 36.6 | 38.0 | 39.3 | 39.3 | 40.7 | 42.0 | 42.0 | 40.7 |
| 85° | 23.1 | 25.8 | 27.1 | 28.5 | 28.5 | 28.5 | 29.8 | 31.2 | 31.2 | 29.8 |
| 87.5° | 16.3 | 16.3 | 17.6 | 19.0 | 19.0 | 20.3 | 20.3 | 21.7 | 21.7 | 21.7 |
| 90° | 9.5 | 9.5 | 10.8 | 10.8 | 12.2 | 12.2 | 12.2 | 13.6 | 13.6 | 13.6 |
| 92.5° | 23.1 | 23.1 | 24.4 | 24.4 | 24.4 | 24.4 | 25.8 | 25.8 | 25.8 | 25.8 |
| 95° | 246.8 | 111.2 | 93.6 | 56.9 | 54.2 | 47.5 | 46.1 | 47.5 | 47.5 | 46.1 |
| 97.5° | 828.5 | 886.8 | 923.4 | 941.0 | 919.3 | 896.3 | 870.5 | 866.4 | 831.2 | 752.5 |
| 100° | 893.5 | 939.6 | 984.4 | 1015.6 | 1027.8 | 1038.6 | 1063.0 | 1077.9 | 1084.7 | 1091.5 |
| 102.5° | 926.1 | 974.9 | 1014.2 | 1053.5 | 1069.8 | 1084.7 | 1106.4 | 1124.0 | 1130.8 | 1136.2 |
| 105° | 954.6 | 1004.7 | 1048.1 | 1083.4 | 1098.3 | 1111.8 | 1133.5 | 1149.8 | 1162.0 | 1163.4 |
| 107.5° | 961.3 | 1014.2 | 1063.0 | 1106.4 | 1124.0 | 1139.0 | 1164.7 | 1176.9 | 1187.8 | 1187.8 |
| 110° | 973.5 | 1023.7 | 1068.5 | 1107.8 | 1125.4 | 1143.0 | 1170.1 | 1189.1 | 1200.0 | 1202.7 |



TEST NUMBER: P395767

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (4500K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 983.0 | 1034.6 | 1076.6 | 1115.9 | 1130.8 | 1147.1 | 1172.9 | 1190.5 | 1200.0 | 1204.0 |
| 115° | 991.2 | 1041.3 | 1083.4 | 1120.0 | 1136.2 | 1152.5 | 1178.3 | 1193.2 | 1204.0 | 1208.1 |
| 117.5° | 996.6 | 1045.4 | 1087.4 | 1121.3 | 1139.0 | 1152.5 | 1176.9 | 1193.2 | 1204.0 | 1205.4 |
| 120° | 997.9 | 1046.8 | 1087.4 | 1121.3 | 1136.2 | 1151.2 | 1175.6 | 1191.8 | 1202.7 | 1202.7 |
| 122.5° | 997.9 | 1045.4 | 1086.1 | 1118.6 | 1132.2 | 1145.7 | 1168.8 | 1187.8 | 1197.3 | 1197.3 |
| 125° | 992.5 | 1040.0 | 1079.3 | 1111.8 | 1125.4 | 1137.6 | 1162.0 | 1179.6 | 1189.1 | 1190.5 |
| 127.5° | 984.4 | 1030.5 | 1069.8 | 1102.4 | 1115.9 | 1126.8 | 1152.5 | 1168.8 | 1178.3 | 1179.6 |
| 130° | 973.5 | 1019.6 | 1057.6 | 1088.8 | 1102.4 | 1114.6 | 1136.2 | 1153.9 | 1164.7 | 1167.4 |
| 132.5° | 961.3 | 1004.7 | 1042.7 | 1072.5 | 1086.1 | 1096.9 | 1118.6 | 1136.2 | 1145.7 | 1149.8 |
| 135° | 946.4 | 987.1 | 1023.7 | 1053.5 | 1067.1 | 1077.9 | 1098.3 | 1115.9 | 1125.4 | 1129.5 |
| 137.5° | 927.4 | 966.8 | 1002.0 | 1031.8 | 1044.0 | 1054.9 | 1075.2 | 1091.5 | 1099.6 | 1105.1 |
| 140° | 905.7 | 942.4 | 979.0 | 1006.1 | 1018.3 | 1029.1 | 1046.8 | 1064.4 | 1072.5 | 1076.6 |
| 142.5° | 882.7 | 919.3 | 951.8 | 979.0 | 989.8 | 1000.7 | 1018.3 | 1034.6 | 1042.7 | 1044.0 |
| 145° | 858.3 | 893.5 | 923.4 | 949.1 | 958.6 | 969.5 | 985.7 | 1002.0 | 1010.1 | 1011.5 |
| 147.5° | 831.2 | 863.7 | 892.2 | 916.6 | 927.4 | 935.6 | 950.5 | 965.4 | 973.5 | 974.9 |
| 150° | 800.0 | 829.8 | 855.6 | 880.0 | 889.5 | 897.6 | 913.9 | 927.4 | 935.6 | 936.9 |
| 152.5° | 770.2 | 798.6 | 820.3 | 842.0 | 851.5 | 859.6 | 873.2 | 886.8 | 894.9 | 896.3 |
| 155° | 739.0 | 764.7 | 786.4 | 804.1 | 812.2 | 820.3 | 831.2 | 843.4 | 850.2 | 851.5 |
| 157.5° | 706.4 | 730.8 | 749.8 | 766.1 | 774.2 | 781.0 | 790.5 | 801.3 | 805.4 | 808.1 |
| 160° | 671.2 | 691.5 | 707.8 | 724.1 | 730.8 | 737.6 | 747.1 | 755.2 | 760.7 | 762.0 |
| 162.5° | 633.2 | 650.8 | 664.4 | 679.3 | 683.4 | 688.8 | 698.3 | 706.4 | 710.5 | 711.8 |
| 165° | 593.9 | 610.2 | 622.4 | 634.6 | 637.3 | 641.3 | 648.1 | 656.3 | 659.0 | 661.7 |
| 167.5° | 554.6 | 568.1 | 576.3 | 587.1 | 591.2 | 593.9 | 600.7 | 606.1 | 608.8 | 610.2 |
| 170° | 516.6 | 526.1 | 532.9 | 541.0 | 542.4 | 546.4 | 550.5 | 555.9 | 557.3 | 557.3 |
| 172.5° | 486.8 | 490.8 | 494.9 | 497.6 | 499.0 | 500.3 | 503.0 | 504.4 | 504.4 | 504.4 |
| 175° | 467.8 | 470.5 | 470.5 | 471.9 | 471.9 | 471.9 | 471.9 | 471.9 | 471.9 | 471.9 |
| 177.5° | 456.9 | 456.9 | 456.9 | 455.6 | 455.6 | 455.6 | 455.6 | 454.2 | 454.2 | 454.2 |
| 180° | 454.2 | 454.2 | 454.2 | 454.2 | 454.2 | 454.2 | 454.2 | 454.2 | 454.2 | 454.2 |

(END OF REPORT)