

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: P395773

Luminaire Tested: **I3-UL-60L93050-1D-UNV-W2A-W-4 (4000K)**

Issue Date: 5/6/2020

Test Information

Test Method: LM-79-08
Report Number: P395773
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-60L93050-1D-UNV-W2A-W-4 (4000K)
Description: CORELITE I3, OPEN TOP
6000 LUMENS, VIVIDTUNE TUNABLE WHITE
Light Source: 3000K/5000K CCT, 90 CRI LEDS, TUNED TO 4000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5574.6 lumens
Efficiency: N/A
Efficacy: 123.3 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

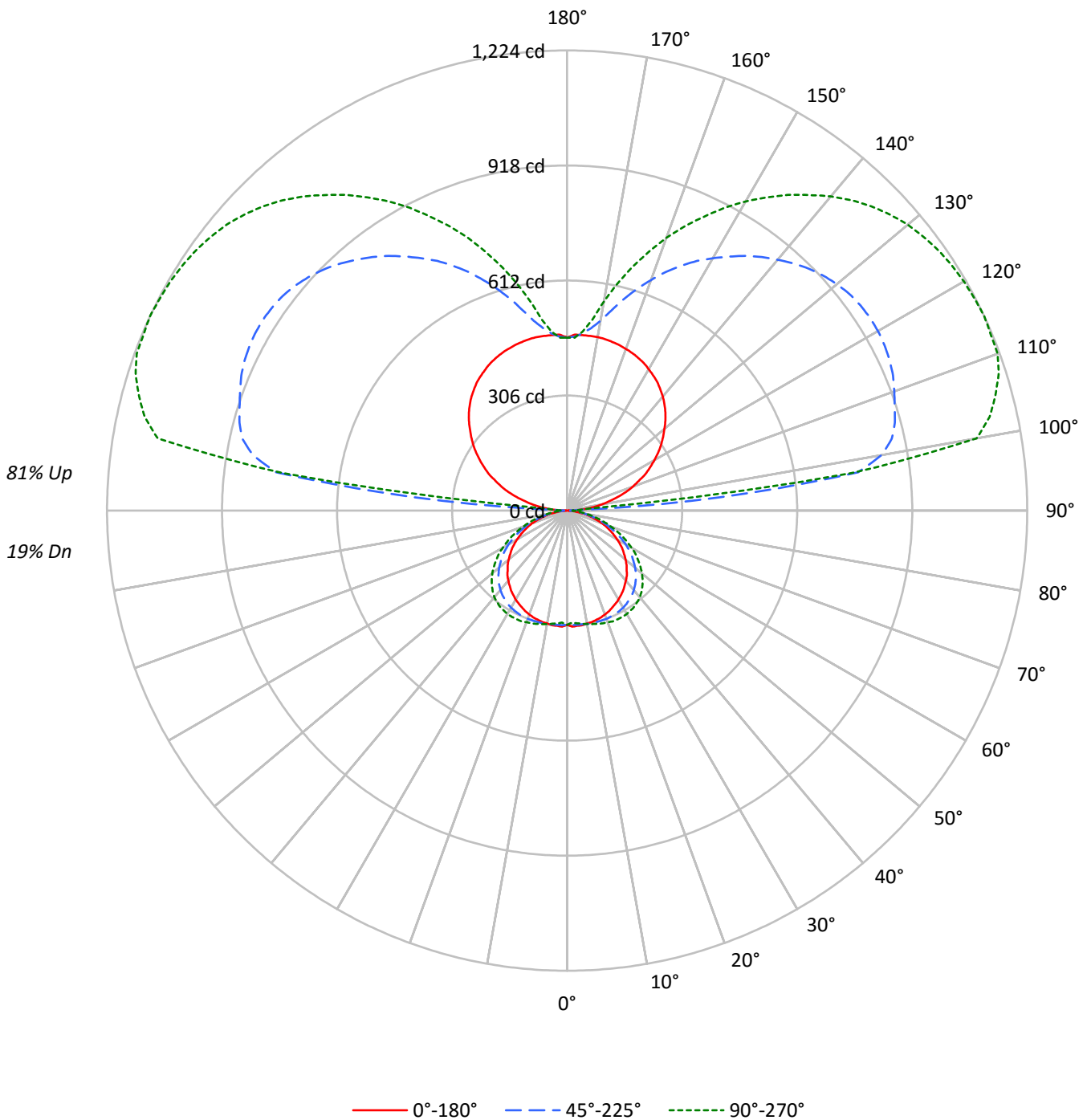
Input Watts (W): 45.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P395773

CATALOG NUMBER: I3-UL-60L93050-1D-UNV-W2A-W-4 (4000K)

Luminous Intensity Polar Plot





TEST NUMBER: P395773

CATALOG NUMBER: I3-UL-60L93050-1D-UNV-W2A-W-4 (4000K)

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 | 50 | 30 | 10 | 0 | | |
| RCR | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 100 | 100 | 100 | 100 | 88 | 88 | 88 | 88 | 66 | 66 | 66 | 46 | 46 | 46 | 28 | 28 | 28 | 19 | | | | | 19 | | | |
| 1 | 91 | 87 | 83 | 79 | 80 | 76 | 73 | 71 | 58 | 56 | 54 | 40 | 39 | 38 | 24 | 24 | 23 | 16 | | | | | 16 | | | |
| 2 | 82 | 75 | 69 | 64 | 72 | 67 | 62 | 58 | 50 | 47 | 44 | 35 | 33 | 31 | 21 | 20 | 19 | 13 | | | | | 13 | | | |
| 3 | 75 | 66 | 59 | 53 | 66 | 58 | 52 | 48 | 44 | 40 | 37 | 31 | 28 | 26 | 19 | 17 | 16 | 11 | | | | | 11 | | | |
| 4 | 68 | 58 | 51 | 45 | 60 | 51 | 45 | 40 | 39 | 35 | 31 | 27 | 24 | 22 | 16 | 15 | 14 | 9 | | | | | 9 | | | |
| 5 | 63 | 51 | 44 | 38 | 55 | 46 | 39 | 34 | 35 | 30 | 26 | 24 | 21 | 19 | 15 | 13 | 12 | 8 | | | | | 8 | | | |
| 6 | 57 | 46 | 38 | 33 | 50 | 41 | 34 | 29 | 31 | 26 | 23 | 22 | 19 | 16 | 13 | 12 | 10 | 7 | | | | | 7 | | | |
| 7 | 53 | 41 | 34 | 28 | 46 | 37 | 30 | 25 | 28 | 23 | 20 | 20 | 17 | 14 | 12 | 10 | 9 | 6 | | | | | 6 | | | |
| 8 | 49 | 37 | 30 | 25 | 43 | 33 | 27 | 22 | 25 | 21 | 17 | 18 | 15 | 13 | 11 | 9 | 8 | 5 | | | | | 5 | | | |
| 9 | 45 | 34 | 26 | 22 | 40 | 30 | 24 | 20 | 23 | 18 | 15 | 16 | 13 | 11 | 10 | 8 | 7 | 5 | | | | | 5 | | | |
| 10 | 42 | 31 | 24 | 19 | 37 | 27 | 21 | 17 | 21 | 17 | 14 | 15 | 12 | 10 | 9 | 8 | 6 | 4 | | | | | 4 | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 1669 | 1669 | 1669 |
| 5° | 1691 | 1645 | 1613 |
| 10° | 1690 | 1634 | 1615 |
| 15° | 1693 | 1628 | 1629 |
| 20° | 1693 | 1634 | 1648 |
| 25° | 1691 | 1638 | 1673 |
| 30° | 1694 | 1640 | 1689 |
| 35° | 1692 | 1632 | 1697 |
| 40° | 1685 | 1620 | 1687 |
| 45° | 1669 | 1586 | 1650 |
| 50° | 1655 | 1535 | 1589 |
| 55° | 1626 | 1460 | 1498 |
| 60° | 1576 | 1355 | 1379 |
| 65° | 1506 | 1206 | 1229 |
| 70° | 1423 | 1047 | 1037 |
| 75° | 1233 | 820 | 832 |
| 80° | 982 | 590 | 602 |
| 85° | 581 | 344 | 396 |



TEST NUMBER: P395773

CATALOG NUMBER: I3-UL-60L93050-1D-UNV-W2A-W-4 (4000K)

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 29.1 | 0.5 |
| 10°-20° | 86.6 | 1.6 |
| 20°-30° | 139.4 | 2.5 |
| 30°-40° | 179.3 | 3.2 |
| 40°-50° | 197.0 | 3.5 |
| 50°-60° | 185.1 | 3.3 |
| 60°-70° | 143.8 | 2.6 |
| 70°-80° | 82.5 | 1.5 |
| 80°-90° | 26.5 | 0.5 |
| 90°-100° | 356.4 | 6.4 |
| 100°-110° | 846.8 | 15.2 |
| 110°-120° | 850.7 | 15.3 |
| 120°-130° | 780.1 | 14.0 |
| 130°-140° | 652.3 | 11.7 |
| 140°-150° | 489.6 | 8.8 |
| 150°-160° | 318.7 | 5.7 |
| 160°-170° | 164.1 | 2.9 |
| 170°-180° | 46.4 | 0.8 |
| 0°-30° | 255.0 | 4.6 |
| 0°-40° | 434.4 | 7.8 |
| 0°-60° | 816.5 | 14.6 |
| 0°-90° | 1069.3 | 19.2 |
| 90°-120° | 2053.9 | 36.8 |
| 90°-150° | 3976.0 | 71.3 |
| 90°-180° | 4505.0 | 80.8 |
| 0°-180° | 5574.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|-----|-------|------|------|
| 0° | 304 | 304 | 304 | 304 | 304 | |
| 5° | 308 | 305 | 305 | 304 | 301 | 29 |
| 15° | 301 | 300 | 306 | 310 | 312 | 85 |
| 25° | 284 | 287 | 304 | 315 | 319 | 131 |
| 35° | 260 | 266 | 288 | 306 | 312 | 162 |
| 45° | 224 | 235 | 258 | 278 | 283 | 173 |
| 55° | 180 | 190 | 210 | 225 | 231 | 160 |
| 65° | 126 | 133 | 146 | 158 | 162 | 125 |
| 75° | 67 | 70 | 77 | 85 | 88 | 72 |
| 85° | 14 | 16 | 22 | 29 | 30 | 16 |
| 90° | 1 | 4 | 8 | 12 | 14 | 4 |
| 95° | 48 | 398 | 409 | 55 | 47 | 48 |
| 105° | 139 | 534 | 903 | 1113 | 1179 | 147 |
| 115° | 229 | 602 | 947 | 1151 | 1224 | 226 |
| 125° | 305 | 628 | 952 | 1140 | 1206 | 272 |
| 135° | 370 | 625 | 910 | 1081 | 1144 | 285 |
| 145° | 418 | 599 | 827 | 971 | 1025 | 261 |
| 155° | 448 | 550 | 718 | 823 | 863 | 207 |
| 165° | 464 | 496 | 582 | 646 | 670 | 131 |
| 175° | 468 | 467 | 473 | 478 | 478 | 45 |
| 180° | 460 | 460 | 460 | 460 | 460 | |



TEST NUMBER: P395773

CATALOG NUMBER: I3-UL-60L93050-1D-UNV-W2A-W-4 (4000K)

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 303.6 | 303.6 | 303.6 | 303.6 | 303.6 | 303.6 | 303.6 | 303.6 | 303.6 | 303.6 | 303.6 |
| 2.5° | 309.1 | 307.7 | 306.4 | 306.4 | 305.0 | 305.0 | 305.0 | 303.6 | 303.6 | 303.6 | 305.0 |
| 5° | 307.7 | 307.7 | 306.4 | 305.0 | 305.0 | 305.0 | 303.6 | 303.6 | 303.6 | 303.6 | 305.0 |
| 7.5° | 307.7 | 306.4 | 305.0 | 305.0 | 303.6 | 303.6 | 303.6 | 303.6 | 303.6 | 303.6 | 305.0 |
| 10° | 305.0 | 305.0 | 303.6 | 303.6 | 302.2 | 303.6 | 303.6 | 303.6 | 303.6 | 303.6 | 306.4 |
| 12.5° | 303.6 | 303.6 | 302.2 | 300.9 | 300.9 | 300.9 | 302.2 | 302.2 | 302.2 | 303.6 | 306.4 |
| 15° | 300.9 | 300.9 | 299.5 | 299.5 | 299.5 | 299.5 | 300.9 | 300.9 | 302.2 | 303.6 | 306.4 |
| 17.5° | 298.1 | 298.1 | 296.8 | 296.8 | 296.8 | 298.1 | 298.1 | 299.5 | 300.9 | 303.6 | 306.4 |
| 20° | 294.0 | 294.0 | 294.0 | 294.0 | 294.0 | 295.4 | 295.4 | 296.8 | 299.5 | 302.2 | 306.4 |
| 22.5° | 289.9 | 289.9 | 289.9 | 289.9 | 289.9 | 291.3 | 292.6 | 295.4 | 296.8 | 300.9 | 305.0 |
| 25° | 284.4 | 284.4 | 284.4 | 284.4 | 285.8 | 287.1 | 288.5 | 291.3 | 294.0 | 298.1 | 303.6 |
| 27.5° | 278.9 | 280.3 | 280.3 | 280.3 | 281.6 | 283.0 | 284.4 | 287.1 | 291.3 | 296.8 | 300.9 |
| 30° | 273.4 | 273.4 | 273.4 | 274.8 | 276.1 | 277.5 | 280.3 | 283.0 | 287.1 | 292.6 | 298.1 |
| 32.5° | 266.5 | 266.5 | 267.9 | 267.9 | 270.7 | 272.0 | 274.8 | 278.9 | 283.0 | 288.5 | 294.0 |
| 35° | 259.7 | 259.7 | 259.7 | 262.4 | 263.8 | 266.5 | 267.9 | 272.0 | 277.5 | 283.0 | 288.5 |
| 37.5° | 251.4 | 252.8 | 252.8 | 254.2 | 256.9 | 259.7 | 261.0 | 266.5 | 272.0 | 277.5 | 283.0 |
| 40° | 243.2 | 244.5 | 244.5 | 245.9 | 250.0 | 251.4 | 254.2 | 259.7 | 263.8 | 270.7 | 276.1 |
| 42.5° | 234.9 | 234.9 | 236.3 | 237.7 | 241.8 | 243.2 | 245.9 | 251.4 | 256.9 | 262.4 | 267.9 |
| 45° | 223.9 | 225.3 | 226.7 | 228.1 | 232.2 | 234.9 | 237.7 | 241.8 | 247.3 | 252.8 | 258.3 |
| 47.5° | 214.3 | 214.3 | 215.7 | 218.4 | 222.6 | 225.3 | 226.7 | 232.2 | 236.3 | 241.8 | 247.3 |
| 50° | 203.3 | 204.7 | 204.7 | 207.5 | 211.6 | 214.3 | 215.7 | 221.2 | 225.3 | 230.8 | 236.3 |
| 52.5° | 191.0 | 192.3 | 193.7 | 196.5 | 200.6 | 203.3 | 204.7 | 208.8 | 212.9 | 218.4 | 222.6 |
| 55° | 180.0 | 181.3 | 181.3 | 184.1 | 188.2 | 189.6 | 192.3 | 195.1 | 200.6 | 204.7 | 210.2 |
| 57.5° | 167.6 | 169.0 | 169.0 | 171.7 | 174.5 | 177.2 | 178.6 | 182.7 | 186.8 | 191.0 | 195.1 |
| 60° | 153.9 | 155.2 | 156.6 | 158.0 | 160.7 | 163.5 | 164.9 | 167.6 | 171.7 | 175.9 | 180.0 |
| 62.5° | 140.1 | 141.5 | 142.9 | 144.3 | 147.0 | 148.4 | 149.8 | 153.9 | 156.6 | 160.7 | 163.5 |
| 65° | 126.4 | 127.8 | 129.1 | 130.5 | 131.9 | 133.3 | 134.6 | 137.4 | 140.1 | 144.3 | 145.6 |
| 67.5° | 112.7 | 114.0 | 114.0 | 115.4 | 116.8 | 118.2 | 119.5 | 122.3 | 123.6 | 127.8 | 129.1 |
| 70° | 98.9 | 98.9 | 98.9 | 100.3 | 100.3 | 101.7 | 103.0 | 105.8 | 107.2 | 109.9 | 112.7 |
| 72.5° | 82.4 | 83.8 | 83.8 | 83.8 | 85.2 | 86.6 | 87.9 | 89.3 | 90.7 | 92.0 | 94.8 |
| 75° | 67.3 | 68.7 | 67.3 | 68.7 | 70.1 | 70.1 | 71.4 | 72.8 | 74.2 | 75.6 | 76.9 |
| 77.5° | 53.6 | 52.2 | 53.6 | 53.6 | 55.0 | 55.0 | 55.0 | 56.3 | 59.1 | 59.1 | 61.8 |
| 80° | 38.5 | 38.5 | 38.5 | 38.5 | 39.8 | 39.8 | 41.2 | 41.2 | 44.0 | 45.3 | 46.7 |
| 82.5° | 24.7 | 24.7 | 26.1 | 26.1 | 26.1 | 27.5 | 27.5 | 28.9 | 30.2 | 31.6 | 33.0 |
| 85° | 13.7 | 13.7 | 13.7 | 15.1 | 15.1 | 16.5 | 16.5 | 17.9 | 19.2 | 20.6 | 22.0 |
| 87.5° | 4.1 | 5.5 | 6.9 | 6.9 | 8.2 | 8.2 | 9.6 | 9.6 | 12.4 | 13.7 | 15.1 |
| 90° | 1.4 | 1.4 | 2.7 | 2.7 | 2.7 | 4.1 | 4.1 | 5.5 | 5.5 | 6.9 | 8.2 |
| 92.5° | 23.4 | 55.0 | 114.0 | 170.4 | 147.0 | 137.4 | 82.4 | 24.7 | 22.0 | 23.4 | 23.4 |
| 95° | 48.1 | 90.7 | 166.2 | 269.3 | 349.0 | 398.4 | 431.4 | 494.6 | 559.2 | 548.2 | 409.4 |
| 97.5° | 70.1 | 116.8 | 200.6 | 295.4 | 405.3 | 461.6 | 504.2 | 579.8 | 662.2 | 730.9 | 780.4 |
| 100° | 92.0 | 140.1 | 229.4 | 328.4 | 430.0 | 480.9 | 530.3 | 633.4 | 714.4 | 783.1 | 849.0 |
| 102.5° | 115.4 | 163.5 | 255.5 | 358.6 | 458.9 | 508.3 | 556.4 | 647.1 | 737.8 | 820.2 | 884.8 |
| 105° | 138.8 | 188.2 | 278.9 | 384.7 | 485.0 | 534.4 | 581.1 | 667.7 | 751.5 | 828.4 | 902.6 |
| 107.5° | 163.5 | 210.2 | 299.5 | 405.3 | 505.6 | 555.0 | 601.8 | 688.3 | 769.4 | 846.3 | 913.6 |
| 110° | 185.5 | 230.8 | 320.1 | 424.5 | 524.8 | 574.3 | 621.0 | 707.5 | 787.2 | 860.0 | 926.0 |



TEST NUMBER: P395773

CATALOG NUMBER: I3-UL-60L93050-1D-UNV-W2A-W-4 (4000K)

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 206.1 | 250.0 | 339.3 | 441.0 | 539.9 | 589.4 | 634.7 | 721.3 | 801.0 | 872.4 | 938.3 |
| 115° | 229.4 | 267.9 | 358.6 | 456.1 | 553.7 | 601.8 | 647.1 | 732.3 | 812.0 | 882.0 | 946.6 |
| 117.5° | 248.7 | 285.8 | 375.1 | 468.5 | 564.7 | 611.4 | 655.3 | 740.5 | 818.8 | 888.9 | 952.1 |
| 120° | 267.9 | 302.2 | 390.2 | 479.5 | 572.9 | 618.2 | 662.2 | 746.0 | 824.3 | 893.0 | 954.8 |
| 122.5° | 287.1 | 318.7 | 402.5 | 490.5 | 579.8 | 625.1 | 667.7 | 750.1 | 827.1 | 894.4 | 954.8 |
| 125° | 305.0 | 332.5 | 413.5 | 498.7 | 583.9 | 627.9 | 669.1 | 750.1 | 825.7 | 891.6 | 952.1 |
| 127.5° | 321.5 | 347.6 | 421.8 | 507.0 | 586.6 | 629.2 | 669.1 | 747.4 | 822.9 | 887.5 | 946.6 |
| 130° | 338.0 | 361.3 | 430.0 | 511.1 | 589.4 | 627.9 | 666.3 | 741.9 | 816.1 | 880.6 | 937.0 |
| 132.5° | 354.5 | 376.4 | 436.9 | 515.2 | 590.8 | 627.9 | 663.6 | 736.4 | 807.8 | 871.0 | 924.6 |
| 135° | 369.6 | 387.4 | 443.8 | 517.9 | 589.4 | 625.1 | 658.1 | 726.8 | 795.5 | 857.3 | 909.5 |
| 137.5° | 383.3 | 398.4 | 449.3 | 519.3 | 588.0 | 621.0 | 654.0 | 715.8 | 780.4 | 840.8 | 891.6 |
| 140° | 395.7 | 409.4 | 452.0 | 519.3 | 582.5 | 615.5 | 645.7 | 704.8 | 763.9 | 821.6 | 871.0 |
| 142.5° | 406.7 | 419.0 | 456.1 | 516.6 | 577.0 | 608.6 | 637.5 | 693.8 | 747.4 | 802.3 | 850.4 |
| 145° | 417.7 | 427.3 | 458.9 | 515.2 | 570.2 | 599.0 | 626.5 | 680.1 | 732.3 | 781.7 | 827.1 |
| 147.5° | 425.9 | 435.5 | 461.6 | 509.7 | 561.9 | 588.0 | 614.1 | 664.9 | 713.0 | 759.7 | 801.0 |
| 150° | 434.1 | 442.4 | 463.0 | 504.2 | 552.3 | 575.6 | 599.0 | 647.1 | 693.8 | 736.4 | 774.9 |
| 152.5° | 442.4 | 447.9 | 467.1 | 498.7 | 541.3 | 563.3 | 586.6 | 629.2 | 671.8 | 711.7 | 748.8 |
| 155° | 447.9 | 452.0 | 468.5 | 493.2 | 530.3 | 549.5 | 568.8 | 608.6 | 647.1 | 684.2 | 718.5 |
| 157.5° | 453.4 | 457.5 | 469.9 | 489.1 | 517.9 | 535.8 | 552.3 | 586.6 | 622.4 | 655.3 | 686.9 |
| 160° | 457.5 | 460.2 | 469.9 | 486.3 | 507.0 | 519.3 | 534.4 | 566.0 | 596.3 | 625.1 | 652.6 |
| 162.5° | 461.6 | 463.0 | 469.9 | 482.2 | 497.3 | 505.6 | 516.6 | 541.3 | 568.8 | 593.5 | 618.2 |
| 165° | 464.4 | 465.7 | 469.9 | 479.5 | 489.1 | 496.0 | 501.5 | 519.3 | 539.9 | 561.9 | 582.5 |
| 167.5° | 467.1 | 467.1 | 469.9 | 476.7 | 482.2 | 486.3 | 490.5 | 500.1 | 513.8 | 530.3 | 545.4 |
| 170° | 468.5 | 468.5 | 469.9 | 474.0 | 478.1 | 479.5 | 482.2 | 487.7 | 494.6 | 502.8 | 512.5 |
| 172.5° | 468.5 | 468.5 | 468.5 | 471.2 | 472.6 | 472.6 | 472.6 | 475.4 | 479.5 | 485.0 | 489.1 |
| 175° | 468.5 | 467.1 | 467.1 | 468.5 | 467.1 | 467.1 | 467.1 | 467.1 | 468.5 | 471.2 | 472.6 |
| 177.5° | 468.5 | 467.1 | 465.7 | 465.7 | 464.4 | 464.4 | 463.0 | 463.0 | 463.0 | 463.0 | 463.0 |
| 180° | 460.2 | 460.2 | 460.2 | 460.2 | 460.2 | 460.2 | 460.2 | 460.2 | 460.2 | 460.2 | 460.2 |



TEST NUMBER: P395773

CATALOG NUMBER: I3-UL-60L93050-1D-UNV-W2A-W-4 (4000K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 303.6 | 303.6 | 303.6 | 303.6 | 303.6 | 303.6 | 303.6 | 303.6 | 303.6 | 303.6 |
| 2.5° | 305.0 | 305.0 | 303.6 | 302.2 | 302.2 | 302.2 | 300.9 | 299.5 | 298.1 | 298.1 |
| 5° | 305.0 | 305.0 | 303.6 | 303.6 | 303.6 | 303.6 | 302.2 | 302.2 | 300.9 | 300.9 |
| 7.5° | 306.4 | 305.0 | 305.0 | 305.0 | 305.0 | 305.0 | 305.0 | 305.0 | 303.6 | 303.6 |
| 10° | 306.4 | 306.4 | 306.4 | 306.4 | 306.4 | 306.4 | 306.4 | 306.4 | 306.4 | 306.4 |
| 12.5° | 307.7 | 307.7 | 307.7 | 307.7 | 309.1 | 309.1 | 309.1 | 309.1 | 309.1 | 309.1 |
| 15° | 307.7 | 309.1 | 310.5 | 310.5 | 310.5 | 311.9 | 311.9 | 311.9 | 311.9 | 311.9 |
| 17.5° | 309.1 | 310.5 | 311.9 | 311.9 | 313.2 | 313.2 | 314.6 | 314.6 | 314.6 | 314.6 |
| 20° | 309.1 | 310.5 | 311.9 | 313.2 | 314.6 | 314.6 | 316.0 | 317.4 | 317.4 | 316.0 |
| 22.5° | 307.7 | 310.5 | 311.9 | 313.2 | 314.6 | 316.0 | 317.4 | 318.7 | 318.7 | 318.7 |
| 25° | 306.4 | 309.1 | 311.9 | 314.6 | 314.6 | 316.0 | 318.7 | 318.7 | 318.7 | 318.7 |
| 27.5° | 305.0 | 307.7 | 310.5 | 313.2 | 314.6 | 316.0 | 317.4 | 318.7 | 318.7 | 318.7 |
| 30° | 302.2 | 306.4 | 309.1 | 311.9 | 313.2 | 314.6 | 316.0 | 317.4 | 317.4 | 317.4 |
| 32.5° | 298.1 | 302.2 | 305.0 | 309.1 | 310.5 | 311.9 | 313.2 | 314.6 | 314.6 | 314.6 |
| 35° | 294.0 | 298.1 | 300.9 | 305.0 | 306.4 | 307.7 | 310.5 | 310.5 | 311.9 | 311.9 |
| 37.5° | 287.1 | 292.6 | 295.4 | 299.5 | 300.9 | 302.2 | 305.0 | 306.4 | 306.4 | 306.4 |
| 40° | 280.3 | 285.8 | 288.5 | 292.6 | 294.0 | 295.4 | 298.1 | 299.5 | 300.9 | 300.9 |
| 42.5° | 272.0 | 277.5 | 280.3 | 284.4 | 285.8 | 287.1 | 289.9 | 291.3 | 292.6 | 292.6 |
| 45° | 263.8 | 267.9 | 270.7 | 274.8 | 277.5 | 277.5 | 280.3 | 281.6 | 283.0 | 283.0 |
| 47.5° | 252.8 | 256.9 | 259.7 | 263.8 | 266.5 | 267.9 | 269.3 | 270.7 | 272.0 | 272.0 |
| 50° | 240.4 | 244.5 | 248.7 | 251.4 | 254.2 | 254.2 | 256.9 | 258.3 | 259.7 | 259.7 |
| 52.5° | 228.1 | 230.8 | 234.9 | 239.1 | 240.4 | 241.8 | 243.2 | 244.5 | 245.9 | 245.9 |
| 55° | 214.3 | 217.1 | 221.2 | 223.9 | 225.3 | 226.7 | 228.1 | 229.4 | 230.8 | 230.8 |
| 57.5° | 199.2 | 202.0 | 206.1 | 208.8 | 210.2 | 211.6 | 212.9 | 214.3 | 215.7 | 215.7 |
| 60° | 182.7 | 185.5 | 189.6 | 192.3 | 193.7 | 193.7 | 196.5 | 197.8 | 197.8 | 197.8 |
| 62.5° | 166.2 | 169.0 | 171.7 | 174.5 | 175.9 | 177.2 | 178.6 | 180.0 | 180.0 | 180.0 |
| 65° | 149.8 | 152.5 | 155.2 | 156.6 | 158.0 | 158.0 | 159.4 | 160.7 | 162.1 | 162.1 |
| 67.5° | 131.9 | 134.6 | 137.4 | 138.8 | 140.1 | 140.1 | 141.5 | 142.9 | 142.9 | 142.9 |
| 70° | 114.0 | 115.4 | 118.2 | 119.5 | 120.9 | 120.9 | 123.6 | 123.6 | 123.6 | 123.6 |
| 72.5° | 96.2 | 97.5 | 100.3 | 101.7 | 103.0 | 103.0 | 104.4 | 105.8 | 105.8 | 105.8 |
| 75° | 79.7 | 81.1 | 82.4 | 85.2 | 85.2 | 85.2 | 86.6 | 87.9 | 87.9 | 87.9 |
| 77.5° | 63.2 | 64.6 | 65.9 | 67.3 | 68.7 | 68.7 | 70.1 | 71.4 | 71.4 | 71.4 |
| 80° | 48.1 | 49.5 | 50.8 | 52.2 | 52.2 | 53.6 | 53.6 | 55.0 | 55.0 | 55.0 |
| 82.5° | 34.3 | 35.7 | 37.1 | 38.5 | 39.8 | 39.8 | 41.2 | 42.6 | 42.6 | 41.2 |
| 85° | 23.4 | 26.1 | 27.5 | 28.9 | 28.9 | 28.9 | 30.2 | 31.6 | 31.6 | 30.2 |
| 87.5° | 16.5 | 16.5 | 17.9 | 19.2 | 19.2 | 20.6 | 20.6 | 22.0 | 22.0 | 22.0 |
| 90° | 9.6 | 9.6 | 11.0 | 11.0 | 12.4 | 12.4 | 12.4 | 13.7 | 13.7 | 13.7 |
| 92.5° | 23.4 | 23.4 | 24.7 | 24.7 | 24.7 | 24.7 | 26.1 | 26.1 | 26.1 | 26.1 |
| 95° | 250.0 | 112.7 | 94.8 | 57.7 | 55.0 | 48.1 | 46.7 | 48.1 | 48.1 | 46.7 |
| 97.5° | 839.4 | 898.5 | 935.6 | 953.5 | 931.5 | 908.1 | 882.0 | 877.9 | 842.2 | 762.5 |
| 100° | 905.4 | 952.1 | 997.4 | 1029.0 | 1041.4 | 1052.4 | 1077.1 | 1092.2 | 1099.1 | 1106.0 |
| 102.5° | 938.3 | 987.8 | 1027.6 | 1067.5 | 1084.0 | 1099.1 | 1121.1 | 1138.9 | 1145.8 | 1151.3 |
| 105° | 967.2 | 1018.0 | 1062.0 | 1097.7 | 1112.8 | 1126.6 | 1148.5 | 1165.0 | 1177.4 | 1178.8 |
| 107.5° | 974.1 | 1027.6 | 1077.1 | 1121.1 | 1138.9 | 1154.0 | 1180.1 | 1192.5 | 1203.5 | 1203.5 |
| 110° | 986.4 | 1037.3 | 1082.6 | 1122.4 | 1140.3 | 1158.2 | 1185.6 | 1204.9 | 1215.9 | 1218.6 |



TEST NUMBER: P395773

CATALOG NUMBER: I3-UL-60L93050-1D-UNV-W2A-W-4 (4000K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 996.1 | 1048.3 | 1090.8 | 1130.7 | 1145.8 | 1162.3 | 1188.4 | 1206.3 | 1215.9 | 1220.0 |
| 115° | 1004.3 | 1055.1 | 1097.7 | 1134.8 | 1151.3 | 1167.8 | 1193.9 | 1209.0 | 1220.0 | 1224.1 |
| 117.5° | 1009.8 | 1059.2 | 1101.8 | 1136.2 | 1154.0 | 1167.8 | 1192.5 | 1209.0 | 1220.0 | 1221.4 |
| 120° | 1011.2 | 1060.6 | 1101.8 | 1136.2 | 1151.3 | 1166.4 | 1191.1 | 1207.6 | 1218.6 | 1218.6 |
| 122.5° | 1011.2 | 1059.2 | 1100.5 | 1133.4 | 1147.2 | 1160.9 | 1184.3 | 1203.5 | 1213.1 | 1213.1 |
| 125° | 1005.7 | 1053.8 | 1093.6 | 1126.6 | 1140.3 | 1152.7 | 1177.4 | 1195.3 | 1204.9 | 1206.3 |
| 127.5° | 997.4 | 1044.1 | 1084.0 | 1117.0 | 1130.7 | 1141.7 | 1167.8 | 1184.3 | 1193.9 | 1195.3 |
| 130° | 986.4 | 1033.1 | 1071.6 | 1103.2 | 1117.0 | 1129.3 | 1151.3 | 1169.2 | 1180.1 | 1182.9 |
| 132.5° | 974.1 | 1018.0 | 1056.5 | 1086.7 | 1100.5 | 1111.5 | 1133.4 | 1151.3 | 1160.9 | 1165.0 |
| 135° | 959.0 | 1000.2 | 1037.3 | 1067.5 | 1081.2 | 1092.2 | 1112.8 | 1130.7 | 1140.3 | 1144.4 |
| 137.5° | 939.7 | 979.6 | 1015.3 | 1045.5 | 1057.9 | 1068.9 | 1089.5 | 1106.0 | 1114.2 | 1119.7 |
| 140° | 917.7 | 954.8 | 991.9 | 1019.4 | 1031.8 | 1042.8 | 1060.6 | 1078.5 | 1086.7 | 1090.8 |
| 142.5° | 894.4 | 931.5 | 964.5 | 991.9 | 1002.9 | 1013.9 | 1031.8 | 1048.3 | 1056.5 | 1057.9 |
| 145° | 869.7 | 905.4 | 935.6 | 961.7 | 971.3 | 982.3 | 998.8 | 1015.3 | 1023.5 | 1024.9 |
| 147.5° | 842.2 | 875.2 | 904.0 | 928.7 | 939.7 | 948.0 | 963.1 | 978.2 | 986.4 | 987.8 |
| 150° | 810.6 | 840.8 | 866.9 | 891.6 | 901.3 | 909.5 | 926.0 | 939.7 | 948.0 | 949.3 |
| 152.5° | 780.4 | 809.2 | 831.2 | 853.2 | 862.8 | 871.0 | 884.8 | 898.5 | 906.7 | 908.1 |
| 155° | 748.8 | 774.9 | 796.8 | 814.7 | 822.9 | 831.2 | 842.2 | 854.5 | 861.4 | 862.8 |
| 157.5° | 715.8 | 740.5 | 759.7 | 776.2 | 784.5 | 791.3 | 801.0 | 812.0 | 816.1 | 818.8 |
| 160° | 680.1 | 700.7 | 717.2 | 733.6 | 740.5 | 747.4 | 757.0 | 765.2 | 770.7 | 772.1 |
| 162.5° | 641.6 | 659.5 | 673.2 | 688.3 | 692.4 | 697.9 | 707.5 | 715.8 | 719.9 | 721.3 |
| 165° | 601.8 | 618.2 | 630.6 | 643.0 | 645.7 | 649.8 | 656.7 | 664.9 | 667.7 | 670.4 |
| 167.5° | 561.9 | 575.6 | 583.9 | 594.9 | 599.0 | 601.8 | 608.6 | 614.1 | 616.9 | 618.2 |
| 170° | 523.4 | 533.1 | 539.9 | 548.2 | 549.5 | 553.7 | 557.8 | 563.3 | 564.7 | 564.7 |
| 172.5° | 493.2 | 497.3 | 501.5 | 504.2 | 505.6 | 507.0 | 509.7 | 511.1 | 511.1 | 511.1 |
| 175° | 474.0 | 476.7 | 476.7 | 478.1 | 478.1 | 478.1 | 478.1 | 478.1 | 478.1 | 478.1 |
| 177.5° | 463.0 | 463.0 | 463.0 | 461.6 | 461.6 | 461.6 | 461.6 | 460.2 | 460.2 | 460.2 |
| 180° | 460.2 | 460.2 | 460.2 | 460.2 | 460.2 | 460.2 | 460.2 | 460.2 | 460.2 | 460.2 |

(END OF REPORT)