

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: P395430

Luminaire Tested: **I3-CL-50L92765-1D-UNV-W2A-W-4 (5000K)**

Issue Date: 5/6/2020

Test Information

Test Method: LM-79-08
Report Number: P395430
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2001-656-3)
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: I3-CL-50L92765-1D-UNV-W2A-W-4 (5000K)
Description: CORELITE I3, CLEAR TOP COVER
5000 LUMENS, VIVIDTUNE TUNABLE WHITE
Light Source: 2700K/6500K CCT, 90 CRI LEDS, TUNED TO 5000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

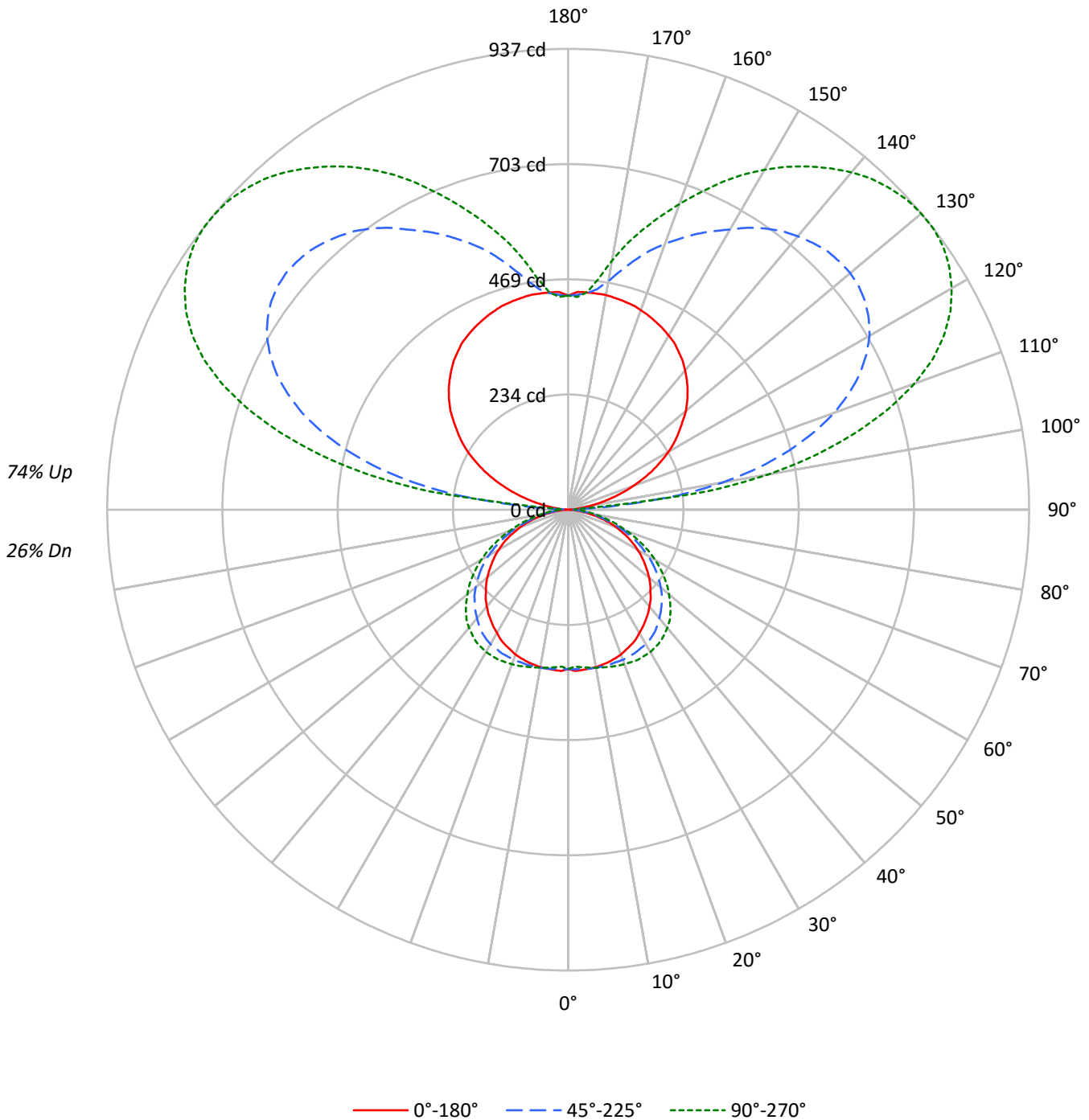
Lumens per Lamp: N/A
Luminaire Lumens: 4266.4 lumens
Efficiency: N/A
Efficacy: 117.5 lumens/watt
Spacing Criteria (0/90/45): 1.32 / 1.52 / 1.54
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 3.92' x H: 0.17')
CIE Type: Semi-Indirect

Input Watts (W): 36.3
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: P395430
CATALOG NUMBER: I3-CL-50L92765-1D-UNV-W2A-W-4 (5000K)

Luminous Intensity Polar Plot





TEST NUMBER: P395430

CATALOG NUMBER: I3-CL-50L92765-1D-UNV-W2A-W-4 (5000K)

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 | 101 | 101 | 101 | 101 | 91 | 91 | 91 | 91 | 70 | 70 | 70 | 51 | 51 | 51 | 34 | 34 | 34 | 26 | | | | |
| 1 | 92 | 88 | 84 | 81 | 82 | 79 | 75 | 73 | 61 | 59 | 57 | 45 | 43 | 42 | 30 | 29 | 28 | 22 | | | | |
| 2 | 84 | 77 | 71 | 65 | 74 | 68 | 63 | 59 | 53 | 50 | 47 | 39 | 37 | 35 | 26 | 25 | 24 | 18 | | | | |
| 3 | 76 | 67 | 60 | 54 | 68 | 60 | 54 | 49 | 47 | 42 | 39 | 34 | 32 | 29 | 23 | 21 | 20 | 15 | | | | |
| 4 | 70 | 59 | 51 | 45 | 62 | 53 | 46 | 41 | 41 | 37 | 33 | 30 | 27 | 25 | 20 | 18 | 17 | 13 | | | | |
| 5 | 64 | 52 | 44 | 39 | 56 | 47 | 40 | 35 | 37 | 32 | 28 | 27 | 24 | 21 | 18 | 16 | 15 | 11 | | | | |
| 6 | 58 | 47 | 39 | 33 | 52 | 42 | 35 | 30 | 33 | 28 | 24 | 24 | 21 | 18 | 16 | 14 | 13 | 9 | | | | |
| 7 | 54 | 42 | 34 | 29 | 48 | 38 | 31 | 26 | 30 | 25 | 21 | 22 | 19 | 16 | 15 | 13 | 11 | 8 | | | | |
| 8 | 50 | 38 | 30 | 25 | 44 | 34 | 27 | 23 | 27 | 22 | 18 | 20 | 17 | 14 | 14 | 11 | 10 | 7 | | | | |
| 9 | 46 | 34 | 27 | 22 | 41 | 31 | 25 | 20 | 24 | 20 | 16 | 18 | 15 | 13 | 12 | 10 | 9 | 6 | | | | |
| 10 | 43 | 31 | 24 | 20 | 38 | 28 | 22 | 18 | 22 | 18 | 15 | 17 | 13 | 11 | 11 | 9 | 8 | 6 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 1780 | 1780 | 1780 |
| 5° | 1799 | 1752 | 1724 |
| 10° | 1800 | 1739 | 1719 |
| 15° | 1802 | 1732 | 1727 |
| 20° | 1805 | 1733 | 1743 |
| 25° | 1802 | 1735 | 1766 |
| 30° | 1792 | 1737 | 1778 |
| 35° | 1788 | 1728 | 1780 |
| 40° | 1782 | 1691 | 1757 |
| 45° | 1763 | 1649 | 1713 |
| 50° | 1747 | 1596 | 1637 |
| 55° | 1711 | 1515 | 1543 |
| 60° | 1669 | 1408 | 1425 |
| 65° | 1601 | 1265 | 1263 |
| 70° | 1486 | 1077 | 1069 |
| 75° | 1283 | 857 | 858 |
| 80° | 994 | 608 | 629 |
| 85° | 586 | 376 | 421 |



TEST NUMBER: P395430

CATALOG NUMBER: I3-CL-50L92765-1D-UNV-W2A-W-4 (5000K)

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 31.0 | 0.7 |
| 10°-20° | 92.0 | 2.2 |
| 20°-30° | 147.5 | 3.5 |
| 30°-40° | 188.7 | 4.4 |
| 40°-50° | 205.8 | 4.8 |
| 50°-60° | 192.8 | 4.5 |
| 60°-70° | 149.6 | 3.5 |
| 70°-80° | 85.7 | 2.0 |
| 80°-90° | 27.4 | 0.6 |
| 90°-100° | 110.0 | 2.6 |
| 100°-110° | 427.8 | 10.0 |
| 110°-120° | 582.4 | 13.6 |
| 120°-130° | 604.5 | 14.2 |
| 130°-140° | 536.2 | 12.6 |
| 140°-150° | 416.0 | 9.8 |
| 150°-160° | 277.7 | 6.5 |
| 160°-170° | 148.0 | 3.5 |
| 170°-180° | 43.3 | 1.0 |
| 0°-30° | 270.6 | 6.3 |
| 0°-40° | 459.3 | 10.8 |
| 0°-60° | 857.8 | 20.1 |
| 0°-90° | 1120.5 | 26.3 |
| 90°-120° | 1120.1 | 26.3 |
| 90°-150° | 2676.9 | 62.7 |
| 90°-180° | 3146.0 | 73.7 |
| 0°-180° | 4266.4 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|-----|-------|-----|------|
| 0° | 324 | 324 | 324 | 324 | 324 | |
| 5° | 327 | 324 | 325 | 324 | 322 | 31 |
| 15° | 320 | 319 | 326 | 331 | 331 | 90 |
| 25° | 303 | 305 | 322 | 333 | 336 | 140 |
| 35° | 274 | 280 | 305 | 322 | 327 | 172 |
| 45° | 236 | 247 | 269 | 286 | 294 | 183 |
| 55° | 189 | 200 | 218 | 233 | 238 | 169 |
| 65° | 134 | 140 | 153 | 163 | 166 | 132 |
| 75° | 70 | 74 | 80 | 88 | 91 | 75 |
| 85° | 14 | 16 | 24 | 31 | 32 | 17 |
| 90° | 1 | 3 | 8 | 12 | 14 | 2 |
| 95° | 14 | 78 | 107 | 22 | 21 | 18 |
| 105° | 91 | 274 | 465 | 552 | 605 | 97 |
| 115° | 189 | 424 | 654 | 769 | 844 | 187 |
| 125° | 274 | 499 | 737 | 866 | 931 | 245 |
| 135° | 343 | 526 | 744 | 872 | 924 | 265 |
| 145° | 392 | 526 | 698 | 810 | 852 | 245 |
| 155° | 421 | 497 | 619 | 702 | 734 | 195 |
| 165° | 439 | 457 | 526 | 575 | 590 | 124 |
| 175° | 443 | 441 | 442 | 444 | 444 | 42 |
| 180° | 435 | 435 | 435 | 435 | 435 | |



TEST NUMBER: P395430

CATALOG NUMBER: I3-CL-50L92765-1D-UNV-W2A-W-4 (5000K)

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 323.8 | 323.8 | 323.8 | 323.8 | 323.8 | 323.8 | 323.8 | 323.8 | 323.8 | 323.8 | 323.8 |
| 2.5° | 328.3 | 327.2 | 327.2 | 324.9 | 324.9 | 323.8 | 323.8 | 323.8 | 323.8 | 323.8 | 324.9 |
| 5° | 327.2 | 327.2 | 326.1 | 324.9 | 324.9 | 323.8 | 323.8 | 323.8 | 323.8 | 323.8 | 324.9 |
| 7.5° | 326.1 | 326.1 | 324.9 | 323.8 | 323.8 | 323.8 | 323.8 | 323.8 | 323.8 | 323.8 | 326.1 |
| 10° | 324.9 | 324.9 | 323.8 | 322.6 | 322.6 | 322.6 | 322.6 | 323.8 | 323.8 | 323.8 | 326.1 |
| 12.5° | 322.6 | 321.5 | 321.5 | 320.3 | 320.3 | 320.3 | 321.5 | 321.5 | 322.6 | 323.8 | 326.1 |
| 15° | 320.3 | 320.3 | 319.2 | 318.0 | 319.2 | 319.2 | 319.2 | 320.3 | 321.5 | 322.6 | 326.1 |
| 17.5° | 316.9 | 316.9 | 315.7 | 315.7 | 315.7 | 316.9 | 316.9 | 318.0 | 320.3 | 322.6 | 324.9 |
| 20° | 313.4 | 312.3 | 312.3 | 312.3 | 313.4 | 313.4 | 314.6 | 316.9 | 318.0 | 321.5 | 324.9 |
| 22.5° | 307.7 | 308.8 | 307.7 | 307.7 | 308.8 | 310.0 | 311.1 | 313.4 | 315.7 | 319.2 | 322.6 |
| 25° | 303.1 | 303.1 | 303.1 | 303.1 | 305.4 | 305.4 | 307.7 | 310.0 | 313.4 | 316.9 | 321.5 |
| 27.5° | 297.4 | 297.4 | 297.4 | 298.5 | 299.6 | 300.8 | 301.9 | 305.4 | 308.8 | 313.4 | 318.0 |
| 30° | 289.3 | 289.3 | 289.3 | 289.3 | 292.8 | 293.9 | 296.2 | 300.8 | 304.2 | 310.0 | 315.7 |
| 32.5° | 282.4 | 282.4 | 282.4 | 283.6 | 285.9 | 287.0 | 289.3 | 295.1 | 299.6 | 305.4 | 311.1 |
| 35° | 274.4 | 274.4 | 275.5 | 275.5 | 279.0 | 280.1 | 282.4 | 287.0 | 291.6 | 298.5 | 305.4 |
| 37.5° | 266.4 | 266.4 | 267.5 | 268.6 | 270.9 | 273.2 | 275.5 | 280.1 | 284.7 | 290.5 | 297.4 |
| 40° | 257.2 | 257.2 | 258.3 | 259.5 | 262.9 | 265.2 | 267.5 | 272.1 | 276.7 | 282.4 | 288.2 |
| 42.5° | 248.0 | 248.0 | 249.1 | 250.3 | 253.7 | 256.0 | 258.3 | 264.1 | 268.6 | 274.4 | 279.0 |
| 45° | 236.5 | 237.7 | 238.8 | 241.1 | 244.5 | 246.8 | 249.1 | 253.7 | 259.5 | 264.1 | 268.6 |
| 47.5° | 226.2 | 227.3 | 228.5 | 230.8 | 234.2 | 236.5 | 238.8 | 243.4 | 248.0 | 252.6 | 258.3 |
| 50° | 214.7 | 215.8 | 217.0 | 219.3 | 222.7 | 225.0 | 227.3 | 231.9 | 236.5 | 239.9 | 245.7 |
| 52.5° | 202.1 | 203.2 | 204.4 | 206.7 | 211.2 | 212.4 | 214.7 | 219.3 | 222.7 | 227.3 | 231.9 |
| 55° | 189.4 | 190.6 | 191.7 | 194.0 | 197.5 | 199.8 | 200.9 | 205.5 | 208.9 | 213.5 | 218.1 |
| 57.5° | 176.8 | 178.0 | 179.1 | 181.4 | 183.7 | 186.0 | 187.1 | 190.6 | 195.2 | 198.6 | 203.2 |
| 60° | 163.0 | 164.2 | 165.3 | 166.5 | 169.9 | 171.1 | 172.2 | 175.7 | 179.1 | 183.7 | 187.1 |
| 62.5° | 149.2 | 149.2 | 150.4 | 151.5 | 155.0 | 156.1 | 157.3 | 159.6 | 164.2 | 166.5 | 169.9 |
| 65° | 134.3 | 134.3 | 135.5 | 136.6 | 138.9 | 140.1 | 141.2 | 143.5 | 147.0 | 149.2 | 152.7 |
| 67.5° | 118.3 | 118.3 | 119.4 | 120.5 | 122.8 | 124.0 | 124.0 | 127.4 | 129.7 | 132.0 | 134.3 |
| 70° | 103.3 | 103.3 | 104.5 | 104.5 | 105.6 | 106.8 | 107.9 | 110.2 | 111.4 | 114.8 | 116.0 |
| 72.5° | 87.3 | 87.3 | 87.3 | 87.3 | 89.5 | 89.5 | 90.7 | 93.0 | 94.1 | 96.4 | 98.7 |
| 75° | 70.0 | 70.0 | 71.2 | 71.2 | 72.3 | 73.5 | 74.6 | 75.8 | 78.1 | 79.2 | 80.4 |
| 77.5° | 55.1 | 54.0 | 55.1 | 56.3 | 57.4 | 57.4 | 58.6 | 59.7 | 60.8 | 63.1 | 64.3 |
| 80° | 39.0 | 39.0 | 39.0 | 40.2 | 41.3 | 41.3 | 42.5 | 43.6 | 44.8 | 47.1 | 48.2 |
| 82.5° | 25.3 | 25.3 | 26.4 | 26.4 | 27.6 | 28.7 | 28.7 | 29.8 | 31.0 | 33.3 | 34.4 |
| 85° | 13.8 | 13.8 | 13.8 | 14.9 | 16.1 | 16.1 | 17.2 | 18.4 | 20.7 | 21.8 | 24.1 |
| 87.5° | 4.6 | 4.6 | 5.7 | 6.9 | 8.0 | 8.0 | 9.2 | 10.3 | 11.5 | 13.8 | 14.9 |
| 90° | 1.1 | 1.1 | 1.1 | 2.3 | 2.3 | 3.4 | 3.4 | 4.6 | 5.7 | 6.9 | 8.0 |
| 92.5° | 4.6 | 8.0 | 12.6 | 18.4 | 17.2 | 18.4 | 12.6 | 8.0 | 8.0 | 8.0 | 9.2 |
| 95° | 13.8 | 20.7 | 33.3 | 52.8 | 68.9 | 78.1 | 86.1 | 94.1 | 110.2 | 111.4 | 106.8 |
| 97.5° | 27.6 | 37.9 | 60.8 | 86.1 | 114.8 | 129.7 | 141.2 | 165.3 | 190.6 | 206.7 | 226.2 |
| 100° | 45.9 | 60.8 | 90.7 | 125.1 | 158.4 | 178.0 | 196.3 | 230.8 | 261.8 | 289.3 | 319.2 |
| 102.5° | 67.7 | 85.0 | 121.7 | 164.2 | 205.5 | 227.3 | 246.8 | 287.0 | 329.5 | 366.2 | 398.4 |
| 105° | 90.7 | 110.2 | 153.8 | 202.1 | 249.1 | 274.4 | 298.5 | 342.1 | 386.9 | 427.1 | 465.0 |
| 107.5° | 116.0 | 136.6 | 183.7 | 237.7 | 290.5 | 319.2 | 345.6 | 392.6 | 439.7 | 483.3 | 523.5 |
| 110° | 140.1 | 163.0 | 212.4 | 270.9 | 330.6 | 359.3 | 385.8 | 437.4 | 486.8 | 532.7 | 575.2 |



TEST NUMBER: P395430

CATALOG NUMBER: I3-CL-50L92765-1D-UNV-W2A-W-4 (5000K)

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 165.3 | 189.4 | 238.8 | 303.1 | 363.9 | 393.8 | 421.3 | 476.5 | 528.1 | 575.2 | 617.7 |
| 115° | 189.4 | 212.4 | 264.1 | 330.6 | 392.6 | 423.6 | 453.5 | 509.7 | 563.7 | 610.8 | 654.4 |
| 117.5° | 212.4 | 234.2 | 287.0 | 353.6 | 417.9 | 448.9 | 478.7 | 537.3 | 591.3 | 640.6 | 683.1 |
| 120° | 235.4 | 254.9 | 312.3 | 373.1 | 438.6 | 469.6 | 500.6 | 559.1 | 614.2 | 663.6 | 707.2 |
| 122.5° | 256.0 | 274.4 | 330.6 | 390.3 | 454.6 | 486.8 | 516.6 | 576.3 | 632.6 | 682.0 | 724.4 |
| 125° | 274.4 | 291.6 | 347.9 | 404.1 | 468.4 | 499.4 | 530.4 | 589.0 | 645.2 | 693.4 | 737.1 |
| 127.5° | 292.8 | 310.0 | 360.5 | 417.9 | 477.6 | 509.7 | 539.6 | 598.1 | 653.3 | 702.6 | 745.1 |
| 130° | 312.3 | 324.9 | 373.1 | 430.5 | 486.8 | 516.6 | 547.6 | 603.9 | 657.8 | 706.1 | 748.5 |
| 132.5° | 328.3 | 339.8 | 385.8 | 440.9 | 493.7 | 522.4 | 549.9 | 606.2 | 660.1 | 706.1 | 747.4 |
| 135° | 343.3 | 352.5 | 394.9 | 450.0 | 499.4 | 525.8 | 552.2 | 605.0 | 657.8 | 703.8 | 744.0 |
| 137.5° | 357.1 | 366.2 | 403.0 | 456.9 | 504.0 | 527.0 | 552.2 | 601.6 | 652.1 | 698.0 | 735.9 |
| 140° | 369.7 | 376.6 | 409.9 | 460.4 | 506.3 | 528.1 | 549.9 | 595.8 | 642.9 | 687.7 | 725.6 |
| 142.5° | 382.3 | 388.0 | 415.6 | 462.7 | 507.4 | 528.1 | 548.8 | 589.0 | 632.6 | 676.2 | 714.1 |
| 145° | 391.5 | 397.2 | 420.2 | 463.8 | 506.3 | 525.8 | 544.2 | 582.1 | 621.1 | 661.3 | 698.0 |
| 147.5° | 401.8 | 406.4 | 424.8 | 461.5 | 502.9 | 521.2 | 538.4 | 572.9 | 608.5 | 645.2 | 679.7 |
| 150° | 408.7 | 413.3 | 427.1 | 459.2 | 497.1 | 514.3 | 531.6 | 563.7 | 595.8 | 628.0 | 657.8 |
| 152.5° | 415.6 | 419.0 | 430.5 | 455.8 | 490.2 | 506.3 | 522.4 | 553.4 | 583.2 | 611.9 | 638.3 |
| 155° | 421.3 | 424.8 | 432.8 | 453.5 | 482.2 | 497.1 | 512.0 | 541.9 | 569.4 | 594.7 | 618.8 |
| 157.5° | 427.1 | 429.4 | 435.1 | 450.0 | 473.0 | 486.8 | 500.6 | 527.0 | 552.2 | 577.5 | 597.0 |
| 160° | 431.7 | 432.8 | 437.4 | 448.9 | 465.0 | 475.3 | 487.9 | 512.0 | 535.0 | 556.8 | 575.2 |
| 162.5° | 436.3 | 436.3 | 439.7 | 446.6 | 458.1 | 465.0 | 474.2 | 494.8 | 515.5 | 535.0 | 552.2 |
| 165° | 438.6 | 438.6 | 440.9 | 445.5 | 452.3 | 456.9 | 462.7 | 476.5 | 492.5 | 509.7 | 525.8 |
| 167.5° | 440.9 | 440.9 | 442.0 | 444.3 | 448.9 | 451.2 | 453.5 | 462.7 | 473.0 | 485.6 | 498.3 |
| 170° | 443.2 | 442.0 | 442.0 | 444.3 | 445.5 | 446.6 | 447.7 | 452.3 | 456.9 | 465.0 | 471.9 |
| 172.5° | 443.2 | 442.0 | 442.0 | 443.2 | 443.2 | 443.2 | 443.2 | 444.3 | 445.5 | 450.0 | 452.3 |
| 175° | 443.2 | 442.0 | 442.0 | 442.0 | 442.0 | 440.9 | 440.9 | 440.9 | 440.9 | 440.9 | 442.0 |
| 177.5° | 443.2 | 442.0 | 440.9 | 440.9 | 439.7 | 439.7 | 438.6 | 438.6 | 437.4 | 437.4 | 437.4 |
| 180° | 435.1 | 435.1 | 435.1 | 435.1 | 435.1 | 435.1 | 435.1 | 435.1 | 435.1 | 435.1 | 435.1 |



TEST NUMBER: P395430

CATALOG NUMBER: I3-CL-50L92765-1D-UNV-W2A-W-4 (5000K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 323.8 | 323.8 | 323.8 | 323.8 | 323.8 | 323.8 | 323.8 | 323.8 | 323.8 | 323.8 |
| 2.5° | 324.9 | 324.9 | 323.8 | 323.8 | 322.6 | 322.6 | 321.5 | 320.3 | 319.2 | 319.2 |
| 5° | 326.1 | 324.9 | 323.8 | 323.8 | 323.8 | 322.6 | 322.6 | 322.6 | 321.5 | 321.5 |
| 7.5° | 326.1 | 326.1 | 326.1 | 324.9 | 324.9 | 324.9 | 324.9 | 324.9 | 323.8 | 323.8 |
| 10° | 327.2 | 327.2 | 327.2 | 327.2 | 327.2 | 327.2 | 327.2 | 326.1 | 326.1 | 326.1 |
| 12.5° | 327.2 | 327.2 | 327.2 | 328.3 | 328.3 | 328.3 | 328.3 | 328.3 | 328.3 | 328.3 |
| 15° | 328.3 | 328.3 | 329.5 | 329.5 | 330.6 | 330.6 | 331.8 | 331.8 | 331.8 | 330.6 |
| 17.5° | 327.2 | 328.3 | 329.5 | 330.6 | 331.8 | 331.8 | 332.9 | 332.9 | 332.9 | 332.9 |
| 20° | 327.2 | 329.5 | 330.6 | 331.8 | 332.9 | 332.9 | 334.1 | 335.2 | 335.2 | 334.1 |
| 22.5° | 326.1 | 328.3 | 329.5 | 331.8 | 332.9 | 332.9 | 335.2 | 335.2 | 335.2 | 335.2 |
| 25° | 324.9 | 327.2 | 329.5 | 331.8 | 332.9 | 332.9 | 335.2 | 335.2 | 336.4 | 336.4 |
| 27.5° | 322.6 | 324.9 | 328.3 | 330.6 | 331.8 | 332.9 | 334.1 | 335.2 | 335.2 | 335.2 |
| 30° | 319.2 | 322.6 | 326.1 | 328.3 | 329.5 | 330.6 | 331.8 | 332.9 | 334.1 | 334.1 |
| 32.5° | 314.6 | 318.0 | 321.5 | 324.9 | 326.1 | 327.2 | 329.5 | 330.6 | 330.6 | 330.6 |
| 35° | 310.0 | 313.4 | 316.9 | 320.3 | 321.5 | 322.6 | 324.9 | 326.1 | 327.2 | 327.2 |
| 37.5° | 303.1 | 306.5 | 310.0 | 313.4 | 314.6 | 316.9 | 319.2 | 320.3 | 320.3 | 320.3 |
| 40° | 292.8 | 298.5 | 303.1 | 306.5 | 307.7 | 310.0 | 311.1 | 313.4 | 313.4 | 313.4 |
| 42.5° | 283.6 | 288.2 | 291.6 | 296.2 | 297.4 | 300.8 | 303.1 | 304.2 | 305.4 | 305.4 |
| 45° | 273.2 | 277.8 | 281.3 | 284.7 | 285.9 | 288.2 | 290.5 | 291.6 | 292.8 | 293.9 |
| 47.5° | 262.9 | 266.4 | 269.8 | 273.2 | 274.4 | 276.7 | 279.0 | 280.1 | 281.3 | 281.3 |
| 50° | 250.3 | 253.7 | 257.2 | 260.6 | 261.8 | 264.1 | 265.2 | 266.4 | 267.5 | 267.5 |
| 52.5° | 236.5 | 239.9 | 243.4 | 246.8 | 248.0 | 249.1 | 251.4 | 252.6 | 253.7 | 253.7 |
| 55° | 222.7 | 226.2 | 228.5 | 231.9 | 233.1 | 234.2 | 235.4 | 237.7 | 238.8 | 237.7 |
| 57.5° | 206.7 | 210.1 | 212.4 | 215.8 | 217.0 | 218.1 | 219.3 | 220.4 | 221.6 | 221.6 |
| 60° | 189.4 | 192.9 | 196.3 | 198.6 | 199.8 | 200.9 | 202.1 | 203.2 | 204.4 | 204.4 |
| 62.5° | 172.2 | 175.7 | 178.0 | 181.4 | 182.5 | 182.5 | 183.7 | 184.8 | 186.0 | 186.0 |
| 65° | 155.0 | 158.4 | 159.6 | 163.0 | 163.0 | 164.2 | 165.3 | 166.5 | 166.5 | 166.5 |
| 67.5° | 136.6 | 140.1 | 141.2 | 143.5 | 143.5 | 144.7 | 145.8 | 147.0 | 147.0 | 147.0 |
| 70° | 119.4 | 120.5 | 122.8 | 124.0 | 125.1 | 125.1 | 126.3 | 127.4 | 128.6 | 127.4 |
| 72.5° | 101.0 | 102.2 | 104.5 | 105.6 | 105.6 | 106.8 | 106.8 | 107.9 | 109.1 | 109.1 |
| 75° | 82.7 | 85.0 | 86.1 | 87.3 | 88.4 | 88.4 | 89.5 | 90.7 | 90.7 | 90.7 |
| 77.5° | 65.4 | 67.7 | 68.9 | 70.0 | 71.2 | 71.2 | 72.3 | 72.3 | 73.5 | 72.3 |
| 80° | 50.5 | 51.7 | 52.8 | 54.0 | 55.1 | 55.1 | 56.3 | 57.4 | 57.4 | 57.4 |
| 82.5° | 36.7 | 37.9 | 40.2 | 41.3 | 41.3 | 41.3 | 43.6 | 43.6 | 44.8 | 43.6 |
| 85° | 25.3 | 26.4 | 28.7 | 29.8 | 31.0 | 31.0 | 31.0 | 32.1 | 33.3 | 32.1 |
| 87.5° | 16.1 | 18.4 | 19.5 | 20.7 | 20.7 | 20.7 | 21.8 | 23.0 | 23.0 | 23.0 |
| 90° | 9.2 | 9.2 | 10.3 | 11.5 | 11.5 | 12.6 | 12.6 | 13.8 | 13.8 | 13.8 |
| 92.5° | 9.2 | 10.3 | 10.3 | 10.3 | 11.5 | 11.5 | 11.5 | 12.6 | 12.6 | 12.6 |
| 95° | 78.1 | 56.3 | 32.1 | 25.3 | 21.8 | 21.8 | 20.7 | 21.8 | 20.7 | 20.7 |
| 97.5° | 236.5 | 256.0 | 265.2 | 277.8 | 284.7 | 283.6 | 279.0 | 283.6 | 280.1 | 283.6 |
| 100° | 336.4 | 354.8 | 368.5 | 372.0 | 378.9 | 382.3 | 394.9 | 404.1 | 408.7 | 414.5 |
| 102.5° | 417.9 | 439.7 | 455.8 | 465.0 | 471.9 | 476.5 | 491.4 | 505.2 | 512.0 | 516.6 |
| 105° | 492.5 | 515.5 | 535.0 | 544.2 | 552.2 | 556.8 | 572.9 | 589.0 | 599.3 | 605.0 |
| 107.5° | 552.2 | 578.6 | 599.3 | 613.1 | 621.1 | 629.1 | 648.7 | 664.7 | 677.4 | 683.1 |
| 110° | 606.2 | 632.6 | 654.4 | 670.5 | 679.7 | 687.7 | 709.5 | 727.9 | 741.7 | 748.5 |



TEST NUMBER: P395430

CATALOG NUMBER: I3-CL-50L92765-1D-UNV-W2A-W-4 (5000K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 651.0 | 679.7 | 701.5 | 718.7 | 727.9 | 739.4 | 760.0 | 780.7 | 794.5 | 802.5 |
| 115° | 687.7 | 717.5 | 740.5 | 758.9 | 769.2 | 779.5 | 803.7 | 824.3 | 838.1 | 843.8 |
| 117.5° | 718.7 | 748.5 | 772.7 | 791.0 | 802.5 | 814.0 | 838.1 | 856.5 | 871.4 | 876.0 |
| 120° | 744.0 | 773.8 | 797.9 | 818.6 | 830.1 | 840.4 | 863.4 | 882.9 | 896.6 | 900.1 |
| 122.5° | 761.2 | 792.2 | 817.4 | 840.4 | 850.7 | 861.1 | 882.9 | 902.4 | 915.0 | 918.5 |
| 125° | 773.8 | 805.9 | 831.2 | 855.3 | 865.6 | 876.0 | 896.6 | 916.2 | 926.5 | 931.1 |
| 127.5° | 781.8 | 814.0 | 841.5 | 864.5 | 876.0 | 885.2 | 905.8 | 923.1 | 933.4 | 936.8 |
| 130° | 784.1 | 817.4 | 845.0 | 869.1 | 879.4 | 888.6 | 908.1 | 925.3 | 934.5 | 936.8 |
| 132.5° | 784.1 | 816.3 | 845.0 | 867.9 | 878.3 | 887.5 | 905.8 | 921.9 | 931.1 | 933.4 |
| 135° | 779.5 | 810.5 | 839.2 | 862.2 | 872.5 | 881.7 | 900.1 | 913.9 | 923.1 | 924.2 |
| 137.5° | 771.5 | 801.4 | 828.9 | 851.9 | 862.2 | 871.4 | 887.5 | 902.4 | 910.4 | 912.7 |
| 140° | 761.2 | 788.7 | 816.3 | 838.1 | 848.4 | 856.5 | 872.5 | 885.2 | 893.2 | 895.5 |
| 142.5° | 747.4 | 774.9 | 800.2 | 822.0 | 830.1 | 839.2 | 853.0 | 865.6 | 872.5 | 874.8 |
| 145° | 732.5 | 758.9 | 781.8 | 801.4 | 810.5 | 818.6 | 831.2 | 842.7 | 849.6 | 851.9 |
| 147.5° | 713.0 | 739.4 | 761.2 | 779.5 | 787.6 | 795.6 | 807.1 | 817.4 | 824.3 | 826.6 |
| 150° | 688.8 | 713.0 | 735.9 | 753.1 | 761.2 | 769.2 | 780.7 | 789.9 | 796.8 | 797.9 |
| 152.5° | 664.7 | 687.7 | 707.2 | 724.4 | 732.5 | 740.5 | 750.8 | 760.0 | 768.1 | 768.1 |
| 155° | 641.8 | 661.3 | 679.7 | 694.6 | 701.5 | 708.4 | 718.7 | 726.7 | 733.6 | 733.6 |
| 157.5° | 617.7 | 636.0 | 651.0 | 664.7 | 670.5 | 676.2 | 685.4 | 692.3 | 698.0 | 696.9 |
| 160° | 594.7 | 608.5 | 622.3 | 633.7 | 639.5 | 644.1 | 651.0 | 656.7 | 662.4 | 661.3 |
| 162.5° | 569.4 | 582.1 | 593.6 | 601.6 | 606.2 | 609.6 | 616.5 | 622.3 | 625.7 | 625.7 |
| 165° | 540.7 | 552.2 | 562.6 | 570.6 | 575.2 | 577.5 | 583.2 | 586.7 | 590.1 | 590.1 |
| 167.5° | 510.9 | 520.1 | 529.3 | 536.2 | 540.7 | 543.0 | 548.8 | 551.1 | 555.7 | 554.5 |
| 170° | 481.0 | 487.9 | 494.8 | 500.6 | 502.9 | 505.2 | 509.7 | 512.0 | 514.3 | 514.3 |
| 172.5° | 456.9 | 459.2 | 462.7 | 467.3 | 467.3 | 468.4 | 470.7 | 471.9 | 473.0 | 473.0 |
| 175° | 443.2 | 444.3 | 444.3 | 444.3 | 444.3 | 444.3 | 445.5 | 444.3 | 445.5 | 444.3 |
| 177.5° | 437.4 | 437.4 | 436.3 | 436.3 | 435.1 | 436.3 | 435.1 | 434.0 | 434.0 | 432.8 |
| 180° | 435.1 | 435.1 | 435.1 | 435.1 | 435.1 | 435.1 | 435.1 | 435.1 | 435.1 | 435.1 |

(END OF REPORT)