

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: P395559

Luminaire Tested: **I3-FL-40L92765-1D-UNV-W2A-W-4 (4500K)**

Issue Date: 5/6/2020

Test Information

Test Method: LM-79-08
Report Number: P395559
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2001-656-4)
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: I3-FL-40L92765-1D-UNV-W2A-W-4 (4500K)
Description: CORELITE I3, FROSTED TOP COVER
4000 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: 3306.0 lumens
Efficiency: N/A
Efficacy: 116.4 lumens/watt
Spacing Criteria (0/90/45): 1.31 / 1.43 / 1.49
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 3.92' x H: 0.17')
CIE Type: Semi-Indirect

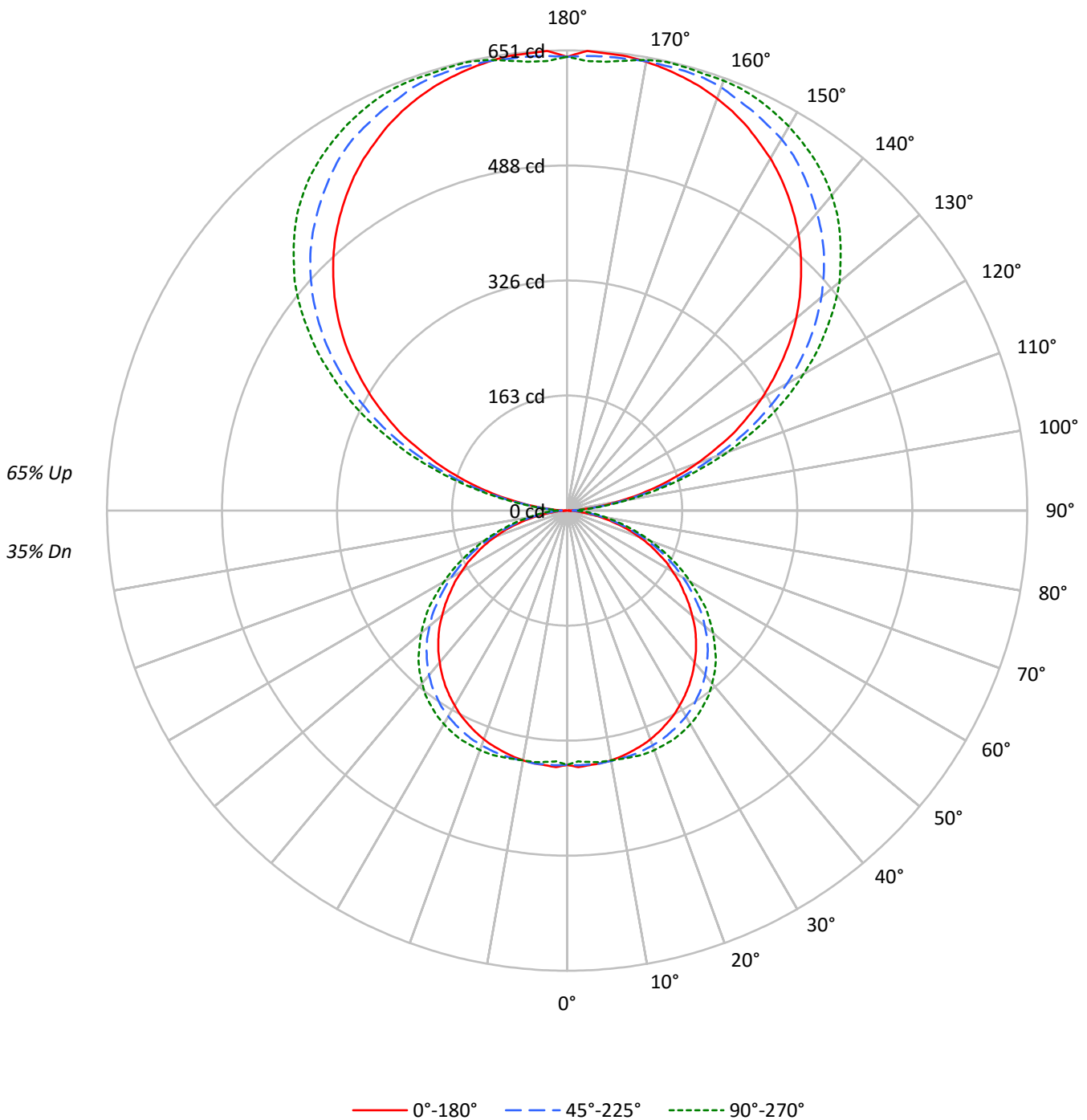
Input Watts (W): 28.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P395559

CATALOG NUMBER: I3-FL-40L92765-1D-UNV-W2A-W-4 (4500K)

Luminous Intensity Polar Plot





TEST NUMBER: P395559

CATALOG NUMBER: I3-FL-40L92765-1D-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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 104 | 104 | 104 | 104 | 94 | 94 | 94 | 94 | 75 | 75 | 75 | 58 | 58 | 58 | 43 | 43 | 43 | 35 |
| 1 | 94 | 90 | 86 | 83 | 85 | 81 | 78 | 75 | 66 | 63 | 61 | 51 | 49 | 48 | 37 | 36 | 36 | 29 |
| 2 | 86 | 78 | 72 | 67 | 77 | 71 | 66 | 61 | 57 | 53 | 50 | 44 | 42 | 40 | 33 | 31 | 30 | 24 |
| 3 | 78 | 69 | 61 | 55 | 70 | 62 | 56 | 51 | 50 | 46 | 42 | 39 | 36 | 33 | 29 | 27 | 25 | 20 |
| 4 | 71 | 60 | 53 | 47 | 64 | 55 | 48 | 43 | 44 | 39 | 35 | 35 | 31 | 28 | 25 | 23 | 21 | 17 |
| 5 | 65 | 54 | 46 | 40 | 59 | 49 | 42 | 36 | 39 | 34 | 30 | 31 | 27 | 24 | 23 | 20 | 18 | 15 |
| 6 | 60 | 48 | 40 | 34 | 54 | 44 | 37 | 31 | 35 | 30 | 26 | 28 | 24 | 21 | 21 | 18 | 16 | 13 |
| 7 | 55 | 43 | 35 | 30 | 50 | 39 | 32 | 27 | 32 | 27 | 23 | 25 | 21 | 18 | 19 | 16 | 14 | 11 |
| 8 | 51 | 39 | 31 | 26 | 46 | 35 | 29 | 24 | 29 | 24 | 20 | 23 | 19 | 16 | 17 | 14 | 13 | 10 |
| 9 | 47 | 35 | 28 | 23 | 43 | 32 | 26 | 21 | 26 | 21 | 18 | 21 | 17 | 15 | 16 | 13 | 11 | 9 |
| 10 | 44 | 32 | 25 | 20 | 40 | 30 | 23 | 19 | 24 | 19 | 16 | 19 | 16 | 13 | 14 | 12 | 10 | 8 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 1977 | 1977 | 1977 |
| 5° | 1987 | 1944 | 1914 |
| 10° | 1988 | 1918 | 1891 |
| 15° | 1983 | 1901 | 1884 |
| 20° | 1984 | 1885 | 1881 |
| 25° | 1978 | 1868 | 1874 |
| 30° | 1971 | 1850 | 1857 |
| 35° | 1962 | 1820 | 1830 |
| 40° | 1943 | 1782 | 1789 |
| 45° | 1922 | 1727 | 1734 |
| 50° | 1878 | 1651 | 1650 |
| 55° | 1824 | 1547 | 1551 |
| 60° | 1763 | 1425 | 1401 |
| 65° | 1676 | 1277 | 1245 |
| 70° | 1557 | 1089 | 1051 |
| 75° | 1354 | 865 | 836 |
| 80° | 1058 | 615 | 612 |
| 85° | 573 | 351 | 403 |



TEST NUMBER: P395559

CATALOG NUMBER: I3-FL-40L92765-1D-UNV-W2A-W-4 (4500K)

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 34.3 | 1.0 |
| 10°-20° | 100.9 | 3.1 |
| 20°-30° | 159.1 | 4.8 |
| 30°-40° | 199.9 | 6.0 |
| 40°-50° | 215.0 | 6.5 |
| 50°-60° | 197.7 | 6.0 |
| 60°-70° | 151.5 | 4.6 |
| 70°-80° | 86.3 | 2.6 |
| 80°-90° | 26.9 | 0.8 |
| 90°-100° | 36.0 | 1.1 |
| 100°-110° | 156.7 | 4.7 |
| 110°-120° | 286.8 | 8.7 |
| 120°-130° | 369.7 | 11.2 |
| 130°-140° | 393.4 | 11.9 |
| 140°-150° | 361.9 | 10.9 |
| 150°-160° | 286.7 | 8.7 |
| 160°-170° | 181.6 | 5.5 |
| 170°-180° | 61.5 | 1.9 |
| 0°-30° | 294.2 | 8.9 |
| 0°-40° | 494.2 | 14.9 |
| 0°-60° | 906.9 | 27.4 |
| 0°-90° | 1171.6 | 35.4 |
| 90°-120° | 479.5 | 14.5 |
| 90°-150° | 1604.6 | 48.5 |
| 90°-180° | 2134.0 | 64.6 |
| 0°-180° | 3306.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|-----|-------|-----|------|
| 0° | 360 | 360 | 360 | 360 | 360 | |
| 5° | 362 | 358 | 361 | 359 | 357 | 34 |
| 15° | 352 | 351 | 358 | 361 | 361 | 100 |
| 25° | 333 | 334 | 346 | 354 | 357 | 153 |
| 35° | 301 | 305 | 322 | 333 | 336 | 188 |
| 45° | 258 | 264 | 281 | 293 | 298 | 199 |
| 55° | 202 | 210 | 223 | 234 | 239 | 181 |
| 65° | 141 | 145 | 154 | 161 | 164 | 140 |
| 75° | 74 | 76 | 81 | 86 | 88 | 78 |
| 85° | 14 | 17 | 22 | 29 | 31 | 17 |
| 90° | 1 | 3 | 8 | 12 | 14 | 2 |
| 95° | 24 | 23 | 26 | 30 | 31 | 30 |
| 105° | 132 | 139 | 150 | 159 | 161 | 141 |
| 115° | 260 | 272 | 294 | 309 | 317 | 255 |
| 125° | 372 | 389 | 418 | 439 | 448 | 333 |
| 135° | 468 | 483 | 514 | 536 | 546 | 361 |
| 145° | 544 | 556 | 582 | 599 | 608 | 341 |
| 155° | 600 | 608 | 623 | 636 | 641 | 277 |
| 165° | 635 | 635 | 644 | 648 | 649 | 179 |
| 175° | 649 | 645 | 645 | 642 | 637 | 62 |
| 180° | 642 | 642 | 642 | 642 | 642 | |



TEST NUMBER: P395559

CATALOG NUMBER: I3-FL-40L92765-1D-UNV-W2A-W-4 (4500K)

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 359.7 | 359.7 | 359.7 | 359.7 | 359.7 | 359.7 | 359.7 | 359.7 | 359.7 | 359.7 | 359.7 |
| 2.5° | 363.3 | 362.4 | 361.5 | 359.7 | 359.7 | 358.8 | 358.8 | 358.8 | 358.8 | 359.7 | 360.6 |
| 5° | 361.5 | 361.5 | 360.6 | 358.8 | 358.8 | 357.9 | 357.9 | 358.8 | 357.9 | 358.8 | 360.6 |
| 7.5° | 360.6 | 360.6 | 359.7 | 357.9 | 357.9 | 357.9 | 357.9 | 357.9 | 357.9 | 358.8 | 360.6 |
| 10° | 358.8 | 358.8 | 357.0 | 356.1 | 356.1 | 356.1 | 356.1 | 357.0 | 357.0 | 357.9 | 359.7 |
| 12.5° | 356.1 | 355.2 | 354.3 | 353.4 | 353.4 | 353.4 | 354.3 | 355.2 | 355.2 | 357.0 | 358.8 |
| 15° | 352.5 | 352.5 | 351.6 | 350.7 | 350.7 | 350.7 | 351.6 | 352.5 | 353.4 | 355.2 | 357.9 |
| 17.5° | 348.9 | 348.9 | 348.0 | 348.0 | 348.0 | 348.0 | 348.9 | 349.8 | 351.6 | 353.4 | 356.1 |
| 20° | 344.4 | 344.4 | 343.5 | 343.5 | 343.5 | 344.4 | 344.4 | 346.2 | 348.0 | 350.7 | 353.4 |
| 22.5° | 339.0 | 339.0 | 339.0 | 338.1 | 339.0 | 339.9 | 340.8 | 342.6 | 344.4 | 347.1 | 350.7 |
| 25° | 332.7 | 332.7 | 332.7 | 332.7 | 333.6 | 333.6 | 335.4 | 337.2 | 339.0 | 342.6 | 346.2 |
| 27.5° | 326.4 | 326.4 | 326.4 | 325.5 | 327.3 | 328.2 | 329.1 | 331.8 | 333.6 | 338.1 | 341.7 |
| 30° | 318.2 | 318.2 | 318.2 | 319.1 | 320.0 | 320.9 | 322.7 | 325.5 | 327.3 | 331.8 | 336.3 |
| 32.5° | 310.1 | 310.1 | 310.1 | 310.1 | 312.8 | 313.7 | 314.6 | 317.3 | 320.9 | 325.5 | 330.0 |
| 35° | 301.1 | 301.1 | 301.1 | 302.0 | 303.8 | 304.7 | 306.5 | 309.2 | 312.8 | 317.3 | 321.8 |
| 37.5° | 291.2 | 292.1 | 292.1 | 293.0 | 294.8 | 296.6 | 298.4 | 301.1 | 304.7 | 309.2 | 313.7 |
| 40° | 280.4 | 281.3 | 281.3 | 282.2 | 284.0 | 285.8 | 287.6 | 291.2 | 294.8 | 299.3 | 303.8 |
| 42.5° | 269.6 | 270.5 | 270.5 | 272.3 | 274.1 | 275.9 | 277.7 | 281.3 | 284.9 | 289.4 | 293.0 |
| 45° | 257.8 | 258.7 | 258.7 | 260.5 | 263.2 | 264.1 | 266.9 | 270.5 | 274.1 | 277.7 | 281.3 |
| 47.5° | 245.2 | 246.1 | 246.1 | 247.9 | 250.6 | 252.4 | 254.2 | 257.8 | 260.5 | 265.0 | 268.7 |
| 50° | 230.8 | 231.7 | 232.6 | 234.4 | 238.0 | 239.8 | 241.6 | 244.3 | 247.9 | 250.6 | 254.2 |
| 52.5° | 217.3 | 217.3 | 218.2 | 220.0 | 222.7 | 224.5 | 225.4 | 228.1 | 232.6 | 236.2 | 239.8 |
| 55° | 201.9 | 202.8 | 203.7 | 205.5 | 208.3 | 210.1 | 211.0 | 213.7 | 216.4 | 219.1 | 222.7 |
| 57.5° | 188.4 | 188.4 | 189.3 | 191.1 | 193.8 | 194.7 | 195.6 | 197.4 | 201.0 | 203.7 | 206.4 |
| 60° | 172.2 | 173.1 | 174.0 | 175.8 | 177.6 | 179.4 | 179.4 | 182.1 | 184.8 | 187.5 | 189.3 |
| 62.5° | 157.8 | 157.8 | 158.7 | 160.5 | 161.4 | 163.2 | 163.2 | 165.9 | 167.7 | 170.4 | 172.2 |
| 65° | 140.6 | 141.5 | 142.4 | 143.3 | 145.1 | 145.1 | 146.0 | 147.9 | 149.7 | 151.5 | 154.2 |
| 67.5° | 125.3 | 125.3 | 126.2 | 127.1 | 128.0 | 128.0 | 128.9 | 130.7 | 132.5 | 134.3 | 136.1 |
| 70° | 108.2 | 109.1 | 109.1 | 109.1 | 110.0 | 110.9 | 111.8 | 112.7 | 114.5 | 115.4 | 117.2 |
| 72.5° | 91.1 | 91.1 | 92.0 | 92.0 | 92.9 | 93.8 | 94.7 | 95.6 | 96.5 | 98.3 | 99.2 |
| 75° | 73.9 | 73.9 | 74.8 | 74.8 | 75.7 | 75.7 | 75.7 | 77.5 | 78.4 | 80.2 | 81.1 |
| 77.5° | 56.8 | 57.7 | 57.7 | 57.7 | 58.6 | 59.5 | 59.5 | 60.4 | 62.2 | 63.1 | 64.0 |
| 80° | 41.5 | 41.5 | 41.5 | 41.5 | 42.4 | 43.3 | 44.2 | 44.2 | 46.0 | 47.8 | 48.7 |
| 82.5° | 26.1 | 26.1 | 27.0 | 27.9 | 27.9 | 28.8 | 29.8 | 30.7 | 32.5 | 33.4 | 34.3 |
| 85° | 13.5 | 13.5 | 14.4 | 15.3 | 16.2 | 17.1 | 17.1 | 18.0 | 19.8 | 21.6 | 22.5 |
| 87.5° | 4.5 | 5.4 | 5.4 | 6.3 | 7.2 | 8.1 | 9.0 | 9.9 | 11.7 | 13.5 | 14.4 |
| 90° | 0.9 | 0.9 | 0.9 | 1.8 | 2.7 | 2.7 | 3.6 | 4.5 | 5.4 | 6.3 | 8.1 |
| 92.5° | 8.1 | 8.1 | 7.2 | 8.1 | 8.1 | 8.1 | 8.1 | 9.0 | 9.9 | 9.9 | 11.7 |
| 95° | 24.3 | 23.4 | 23.4 | 23.4 | 23.4 | 23.4 | 23.4 | 24.3 | 25.2 | 25.2 | 26.1 |
| 97.5° | 46.9 | 46.9 | 46.0 | 46.0 | 46.9 | 46.9 | 46.9 | 47.8 | 49.6 | 48.7 | 50.5 |
| 100° | 73.0 | 73.0 | 72.1 | 73.0 | 73.9 | 74.8 | 76.6 | 76.6 | 78.4 | 78.4 | 81.1 |
| 102.5° | 102.8 | 102.8 | 101.9 | 103.7 | 104.6 | 106.4 | 106.4 | 108.2 | 110.9 | 110.9 | 114.5 |
| 105° | 132.5 | 133.4 | 133.4 | 135.2 | 137.0 | 138.8 | 138.8 | 141.5 | 145.1 | 145.1 | 149.7 |
| 107.5° | 165.0 | 165.9 | 165.9 | 167.7 | 169.5 | 171.3 | 172.2 | 175.8 | 179.4 | 180.3 | 185.7 |
| 110° | 196.5 | 197.4 | 198.3 | 200.1 | 201.9 | 204.6 | 206.4 | 210.1 | 214.6 | 216.4 | 220.9 |



TEST NUMBER: P395559

CATALOG NUMBER: I3-FL-40L92765-1D-UNV-W2A-W-4 (4500K)

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 226.3 | 229.9 | 230.8 | 233.5 | 236.2 | 238.9 | 240.7 | 245.2 | 250.6 | 253.3 | 258.7 |
| 115° | 260.5 | 262.3 | 263.2 | 266.0 | 269.6 | 272.3 | 274.1 | 278.6 | 284.0 | 287.6 | 293.9 |
| 117.5° | 288.5 | 293.0 | 293.9 | 296.6 | 300.2 | 302.9 | 304.7 | 310.1 | 316.4 | 320.9 | 327.3 |
| 120° | 318.2 | 321.8 | 325.5 | 327.3 | 330.0 | 333.6 | 335.4 | 340.8 | 348.0 | 352.5 | 359.7 |
| 122.5° | 345.3 | 348.9 | 352.5 | 355.2 | 358.8 | 360.6 | 363.3 | 369.6 | 376.8 | 382.2 | 389.5 |
| 125° | 372.3 | 376.8 | 379.5 | 382.2 | 386.8 | 388.6 | 391.3 | 397.6 | 404.8 | 411.1 | 418.3 |
| 127.5° | 398.5 | 401.2 | 405.7 | 407.5 | 412.0 | 413.8 | 416.5 | 423.7 | 430.9 | 437.2 | 444.5 |
| 130° | 422.8 | 426.4 | 430.0 | 430.9 | 436.3 | 439.0 | 441.7 | 448.1 | 456.2 | 462.5 | 469.7 |
| 132.5° | 446.3 | 448.1 | 452.6 | 455.3 | 459.8 | 462.5 | 465.2 | 470.6 | 478.7 | 485.0 | 492.2 |
| 135° | 467.9 | 469.7 | 475.1 | 477.8 | 480.5 | 483.2 | 486.8 | 492.2 | 500.3 | 506.7 | 513.9 |
| 137.5° | 489.5 | 491.3 | 496.7 | 499.4 | 501.2 | 504.0 | 506.7 | 512.1 | 520.2 | 526.5 | 532.8 |
| 140° | 509.4 | 511.2 | 514.8 | 518.4 | 520.2 | 522.0 | 524.7 | 530.1 | 537.3 | 543.6 | 549.9 |
| 142.5° | 527.4 | 529.2 | 532.8 | 536.4 | 539.1 | 539.1 | 541.8 | 546.3 | 554.4 | 560.8 | 566.2 |
| 145° | 544.5 | 545.4 | 549.0 | 552.6 | 556.2 | 556.2 | 557.1 | 561.7 | 568.9 | 576.1 | 581.5 |
| 147.5° | 560.8 | 561.7 | 564.4 | 568.0 | 570.7 | 571.6 | 573.4 | 575.2 | 582.4 | 589.6 | 595.9 |
| 150° | 575.2 | 576.1 | 577.9 | 581.5 | 583.3 | 585.1 | 586.9 | 587.8 | 593.2 | 599.5 | 606.7 |
| 152.5° | 587.8 | 588.7 | 590.5 | 593.2 | 595.0 | 596.8 | 598.6 | 601.3 | 604.0 | 610.3 | 614.8 |
| 155° | 600.4 | 601.3 | 602.2 | 604.9 | 606.7 | 607.6 | 608.5 | 612.1 | 614.8 | 618.4 | 623.0 |
| 157.5° | 611.2 | 611.2 | 612.1 | 613.9 | 615.7 | 615.7 | 616.6 | 620.3 | 623.0 | 626.6 | 629.3 |
| 160° | 620.3 | 620.3 | 621.2 | 623.0 | 623.0 | 623.9 | 624.8 | 627.5 | 629.3 | 633.8 | 637.4 |
| 162.5° | 628.4 | 627.5 | 628.4 | 629.3 | 629.3 | 629.3 | 630.2 | 632.0 | 634.7 | 638.3 | 641.9 |
| 165° | 634.7 | 634.7 | 634.7 | 635.6 | 635.6 | 634.7 | 634.7 | 636.5 | 638.3 | 641.0 | 643.7 |
| 167.5° | 640.1 | 640.1 | 639.2 | 640.1 | 639.2 | 639.2 | 638.3 | 639.2 | 640.1 | 642.8 | 644.6 |
| 170° | 644.6 | 643.7 | 643.7 | 643.7 | 642.8 | 641.9 | 641.9 | 641.9 | 641.9 | 643.7 | 645.5 |
| 172.5° | 648.2 | 647.3 | 646.4 | 646.4 | 644.6 | 643.7 | 643.7 | 642.8 | 642.8 | 643.7 | 644.6 |
| 175° | 649.1 | 648.2 | 647.3 | 647.3 | 645.5 | 644.6 | 643.7 | 643.7 | 642.8 | 643.7 | 644.6 |
| 177.5° | 650.9 | 650.0 | 648.2 | 648.2 | 646.4 | 644.6 | 644.6 | 643.7 | 642.8 | 643.7 | 643.7 |
| 180° | 641.9 | 641.9 | 641.9 | 641.9 | 641.9 | 641.9 | 641.9 | 641.9 | 641.9 | 641.9 | 641.9 |



TEST NUMBER: P395559

CATALOG NUMBER: I3-FL-40L92765-1D-UNV-W2A-W-4 (4500K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 359.7 | 359.7 | 359.7 | 359.7 | 359.7 | 359.7 | 359.7 | 359.7 | 359.7 | 359.7 |
| 2.5° | 361.5 | 361.5 | 360.6 | 359.7 | 359.7 | 358.8 | 357.9 | 357.0 | 356.1 | 355.2 |
| 5° | 361.5 | 360.6 | 359.7 | 359.7 | 358.8 | 358.8 | 358.8 | 357.9 | 357.0 | 357.0 |
| 7.5° | 361.5 | 361.5 | 360.6 | 359.7 | 359.7 | 359.7 | 359.7 | 359.7 | 358.8 | 358.8 |
| 10° | 361.5 | 360.6 | 360.6 | 360.6 | 359.7 | 360.6 | 360.6 | 359.7 | 359.7 | 358.8 |
| 12.5° | 360.6 | 360.6 | 360.6 | 360.6 | 360.6 | 360.6 | 360.6 | 360.6 | 360.6 | 359.7 |
| 15° | 358.8 | 359.7 | 359.7 | 360.6 | 360.6 | 360.6 | 361.5 | 361.5 | 360.6 | 360.6 |
| 17.5° | 357.9 | 358.8 | 359.7 | 360.6 | 360.6 | 360.6 | 361.5 | 361.5 | 361.5 | 361.5 |
| 20° | 356.1 | 357.0 | 357.9 | 358.8 | 358.8 | 359.7 | 359.7 | 360.6 | 360.6 | 360.6 |
| 22.5° | 352.5 | 353.4 | 355.2 | 356.1 | 357.0 | 357.9 | 358.8 | 358.8 | 358.8 | 358.8 |
| 25° | 348.9 | 350.7 | 351.6 | 353.4 | 354.3 | 355.2 | 356.1 | 356.1 | 356.1 | 357.0 |
| 27.5° | 344.4 | 346.2 | 348.9 | 349.8 | 350.7 | 351.6 | 352.5 | 353.4 | 353.4 | 353.4 |
| 30° | 339.0 | 341.7 | 343.5 | 345.3 | 346.2 | 347.1 | 348.0 | 348.0 | 348.9 | 348.9 |
| 32.5° | 332.7 | 335.4 | 337.2 | 339.0 | 339.9 | 340.8 | 342.6 | 342.6 | 343.5 | 343.5 |
| 35° | 324.6 | 327.3 | 330.0 | 331.8 | 332.7 | 333.6 | 335.4 | 336.3 | 336.3 | 336.3 |
| 37.5° | 316.4 | 319.1 | 321.8 | 324.6 | 325.5 | 326.4 | 328.2 | 328.2 | 329.1 | 329.1 |
| 40° | 306.5 | 309.2 | 311.9 | 314.6 | 314.6 | 316.4 | 317.3 | 318.2 | 319.1 | 319.1 |
| 42.5° | 296.6 | 299.3 | 301.1 | 303.8 | 304.7 | 305.6 | 306.5 | 308.3 | 308.3 | 309.2 |
| 45° | 284.9 | 287.6 | 289.4 | 292.1 | 293.0 | 293.9 | 295.7 | 296.6 | 297.5 | 297.5 |
| 47.5° | 272.3 | 274.1 | 275.9 | 278.6 | 280.4 | 281.3 | 282.2 | 283.1 | 284.0 | 283.1 |
| 50° | 257.8 | 259.6 | 262.3 | 265.0 | 266.0 | 266.9 | 268.7 | 268.7 | 269.6 | 269.6 |
| 52.5° | 242.5 | 245.2 | 247.0 | 249.7 | 250.6 | 251.5 | 253.3 | 253.3 | 254.2 | 254.2 |
| 55° | 225.4 | 227.2 | 229.0 | 233.5 | 234.4 | 235.3 | 237.1 | 237.1 | 238.0 | 238.9 |
| 57.5° | 209.2 | 210.1 | 212.8 | 214.6 | 216.4 | 216.4 | 217.3 | 218.2 | 219.1 | 219.1 |
| 60° | 192.0 | 192.9 | 194.7 | 197.4 | 197.4 | 198.3 | 200.1 | 200.1 | 201.0 | 201.0 |
| 62.5° | 174.0 | 175.8 | 177.6 | 180.3 | 179.4 | 180.3 | 182.1 | 182.1 | 183.0 | 183.0 |
| 65° | 156.0 | 156.9 | 158.7 | 160.5 | 161.4 | 161.4 | 162.3 | 163.2 | 164.1 | 164.1 |
| 67.5° | 137.0 | 138.8 | 139.7 | 142.4 | 141.5 | 142.4 | 143.3 | 143.3 | 144.2 | 144.2 |
| 70° | 119.0 | 119.9 | 121.7 | 122.6 | 122.6 | 123.5 | 124.4 | 124.4 | 124.4 | 125.3 |
| 72.5° | 101.0 | 101.9 | 102.8 | 103.7 | 103.7 | 104.6 | 105.5 | 105.5 | 106.4 | 106.4 |
| 75° | 82.0 | 83.8 | 84.7 | 86.5 | 85.6 | 86.5 | 88.3 | 88.3 | 88.3 | 88.3 |
| 77.5° | 65.8 | 66.7 | 68.5 | 69.4 | 69.4 | 69.4 | 71.2 | 70.3 | 71.2 | 71.2 |
| 80° | 49.6 | 50.5 | 52.3 | 53.2 | 53.2 | 54.1 | 55.0 | 55.0 | 55.0 | 55.9 |
| 82.5° | 35.2 | 37.0 | 38.8 | 39.7 | 39.7 | 40.6 | 41.5 | 41.5 | 42.4 | 42.4 |
| 85° | 24.3 | 26.1 | 27.9 | 27.9 | 28.8 | 29.8 | 30.7 | 30.7 | 30.7 | 30.7 |
| 87.5° | 16.2 | 17.1 | 18.0 | 18.9 | 19.8 | 19.8 | 20.7 | 20.7 | 21.6 | 21.6 |
| 90° | 9.0 | 9.9 | 10.8 | 11.7 | 11.7 | 12.6 | 12.6 | 13.5 | 13.5 | 13.5 |
| 92.5° | 12.6 | 12.6 | 13.5 | 14.4 | 14.4 | 14.4 | 14.4 | 15.3 | 15.3 | 15.3 |
| 95° | 27.0 | 27.9 | 27.9 | 29.8 | 29.8 | 29.8 | 30.7 | 30.7 | 30.7 | 30.7 |
| 97.5° | 52.3 | 52.3 | 52.3 | 54.1 | 54.1 | 54.1 | 55.0 | 55.0 | 55.0 | 55.9 |
| 100° | 82.0 | 82.9 | 82.9 | 85.6 | 84.7 | 86.5 | 86.5 | 86.5 | 86.5 | 87.4 |
| 102.5° | 115.4 | 117.2 | 118.1 | 120.8 | 120.8 | 120.8 | 122.6 | 121.7 | 122.6 | 122.6 |
| 105° | 151.5 | 153.3 | 154.2 | 156.9 | 158.7 | 158.7 | 160.5 | 159.6 | 160.5 | 161.4 |
| 107.5° | 187.5 | 190.2 | 192.0 | 194.7 | 196.5 | 197.4 | 197.4 | 198.3 | 199.2 | 200.1 |
| 110° | 224.5 | 227.2 | 231.7 | 234.4 | 235.3 | 237.1 | 238.0 | 238.9 | 239.8 | 241.6 |



TEST NUMBER: P395559

CATALOG NUMBER: I3-FL-40L92765-1D-UNV-W2A-W-4 (4500K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 263.2 | 266.0 | 269.6 | 273.2 | 272.3 | 275.0 | 276.8 | 277.7 | 278.6 | 277.7 |
| 115° | 298.4 | 302.0 | 305.6 | 309.2 | 309.2 | 311.0 | 314.6 | 315.5 | 315.5 | 317.3 |
| 117.5° | 331.8 | 336.3 | 339.9 | 343.5 | 344.4 | 346.2 | 348.9 | 351.6 | 351.6 | 353.4 |
| 120° | 364.2 | 369.6 | 373.2 | 376.8 | 378.6 | 379.5 | 382.2 | 385.9 | 385.9 | 385.9 |
| 122.5° | 394.9 | 399.4 | 403.9 | 407.5 | 409.3 | 411.1 | 412.9 | 417.4 | 417.4 | 419.2 |
| 125° | 423.7 | 429.1 | 433.6 | 437.2 | 439.0 | 440.8 | 444.5 | 447.2 | 448.1 | 448.1 |
| 127.5° | 450.8 | 456.2 | 460.7 | 465.2 | 466.1 | 467.9 | 471.5 | 475.1 | 476.0 | 476.9 |
| 130° | 476.0 | 481.4 | 485.9 | 490.4 | 492.2 | 493.1 | 497.6 | 500.3 | 502.2 | 503.1 |
| 132.5° | 498.5 | 504.0 | 508.5 | 513.0 | 514.8 | 516.6 | 519.3 | 523.8 | 524.7 | 524.7 |
| 135° | 519.3 | 524.7 | 529.2 | 534.6 | 535.5 | 537.3 | 540.9 | 543.6 | 545.4 | 546.3 |
| 137.5° | 538.2 | 543.6 | 549.0 | 553.5 | 555.3 | 556.2 | 559.8 | 563.5 | 565.3 | 566.2 |
| 140° | 555.3 | 560.8 | 566.2 | 569.8 | 570.7 | 573.4 | 576.1 | 579.7 | 581.5 | 582.4 |
| 142.5° | 571.6 | 576.1 | 580.6 | 585.1 | 586.0 | 587.8 | 590.5 | 594.1 | 595.9 | 596.8 |
| 145° | 586.0 | 590.5 | 594.1 | 597.7 | 598.6 | 600.4 | 603.1 | 605.8 | 607.6 | 608.5 |
| 147.5° | 599.5 | 603.1 | 606.7 | 609.4 | 610.3 | 612.1 | 613.9 | 615.7 | 617.5 | 618.4 |
| 150° | 611.2 | 613.0 | 616.6 | 618.4 | 619.3 | 621.2 | 623.0 | 624.8 | 626.6 | 627.5 |
| 152.5° | 620.3 | 623.0 | 624.8 | 627.5 | 628.4 | 629.3 | 631.1 | 632.9 | 634.7 | 634.7 |
| 155° | 627.5 | 630.2 | 632.0 | 634.7 | 635.6 | 636.5 | 638.3 | 639.2 | 641.0 | 641.0 |
| 157.5° | 632.9 | 635.6 | 637.4 | 639.2 | 640.1 | 641.0 | 641.9 | 643.7 | 645.5 | 645.5 |
| 160° | 639.2 | 640.1 | 641.0 | 642.8 | 642.8 | 643.7 | 644.6 | 645.5 | 647.3 | 647.3 |
| 162.5° | 644.6 | 645.5 | 643.7 | 644.6 | 643.7 | 644.6 | 645.5 | 646.4 | 647.3 | 647.3 |
| 165° | 646.4 | 648.2 | 647.3 | 648.2 | 648.2 | 648.2 | 648.2 | 649.1 | 649.1 | 649.1 |
| 167.5° | 646.4 | 648.2 | 647.3 | 647.3 | 648.2 | 648.2 | 649.1 | 650.0 | 650.0 | 650.0 |
| 170° | 646.4 | 647.3 | 646.4 | 645.5 | 646.4 | 646.4 | 646.4 | 647.3 | 647.3 | 647.3 |
| 172.5° | 645.5 | 646.4 | 644.6 | 643.7 | 643.7 | 643.7 | 642.8 | 642.8 | 641.9 | 641.9 |
| 175° | 644.6 | 644.6 | 642.8 | 641.9 | 641.9 | 641.9 | 640.1 | 639.2 | 638.3 | 637.4 |
| 177.5° | 643.7 | 643.7 | 641.0 | 640.1 | 640.1 | 639.2 | 639.2 | 637.4 | 637.4 | 636.5 |
| 180° | 641.9 | 641.9 | 641.9 | 641.9 | 641.9 | 641.9 | 641.9 | 641.9 | 641.9 | 641.9 |

(END OF REPORT)