

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: P395558

Luminaire Tested: **I3-FL-40L92765-1D-UNV-W2A-W-4 (4000K)**

Issue Date: 5/6/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P395558  
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 (4000K)  
Description: CORELITE I3, FROSTED TOP COVER  
4000 LUMENS, VIVIDTUNE TUNABLE WHITE  
Light Source: 2700K/6500K CCT, 90 CRI LEDS, TUNED TO 4000K CCT  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3222.0 lumens  
Efficiency: N/A  
Efficacy: 114.3 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

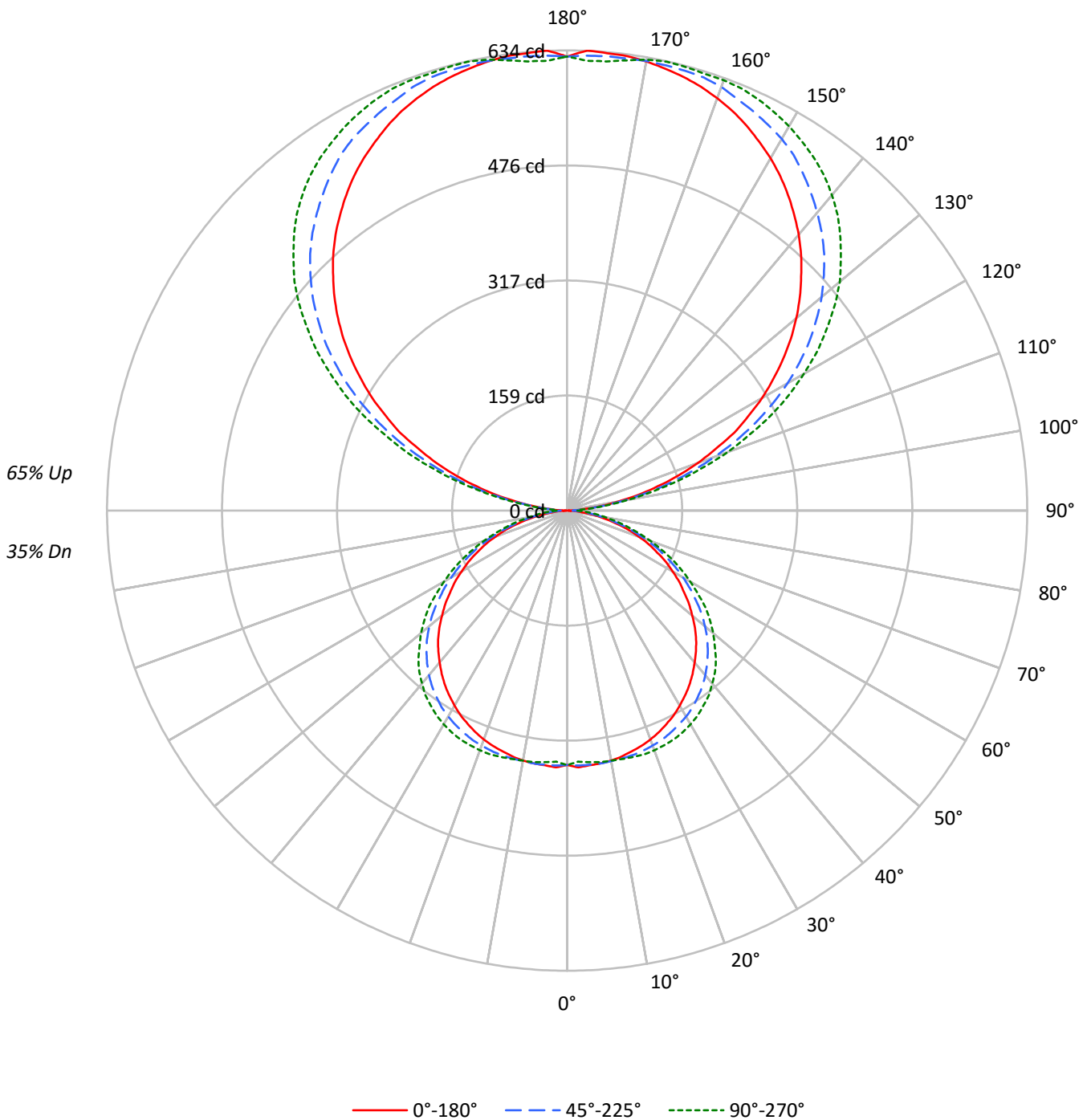
Input Watts (W): 28.2  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P395558

CATALOG NUMBER: I3-FL-40L92765-1D-UNV-W2A-W-4 (4000K)

### Luminous Intensity Polar Plot





TEST NUMBER: P395558

CATALOG NUMBER: I3-FL-40L92765-1D-UNV-W2A-W-4 (4000K)

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |  |    |    |    |    |  |    |    |    |  |    |    |    |  |    |
|-----|-----|-----|-----|-----|--|----|----|----|----|--|----|----|----|--|----|----|----|--|----|
| RF  | 20  |     |     |     |  | 20 |    |    |    |  |    | 20 |    |  |    |    |    |  | 20 |
| RC  | 80  |     |     |     |  | 70 |    |    |    |  |    | 30 |    |  |    |    |    |  | 10 |
| RW  | 70  | 50  | 30  | 10  |  | 70 | 50 | 30 | 10 |  | 50 | 30 | 10 |  | 50 | 30 | 10 |  | 50 |
| RCR |     |     |     |     |  |    |    |    |    |  |    |    |    |  |    |    |    |  |    |
| 0   | 104 | 104 | 104 | 104 |  | 94 | 94 | 94 | 94 |  | 75 | 75 | 75 |  | 58 | 58 | 58 |  | 43 |
| 1   | 94  | 90  | 86  | 83  |  | 85 | 81 | 78 | 75 |  | 66 | 63 | 61 |  | 51 | 49 | 48 |  | 37 |
| 2   | 86  | 78  | 72  | 67  |  | 77 | 71 | 66 | 61 |  | 57 | 53 | 50 |  | 44 | 42 | 40 |  | 33 |
| 3   | 78  | 69  | 61  | 55  |  | 70 | 62 | 56 | 51 |  | 50 | 46 | 42 |  | 39 | 36 | 33 |  | 29 |
| 4   | 71  | 60  | 53  | 47  |  | 64 | 55 | 48 | 43 |  | 44 | 39 | 35 |  | 35 | 31 | 28 |  | 25 |
| 5   | 65  | 54  | 46  | 40  |  | 59 | 49 | 42 | 36 |  | 39 | 34 | 30 |  | 31 | 27 | 24 |  | 23 |
| 6   | 60  | 48  | 40  | 34  |  | 54 | 44 | 37 | 31 |  | 35 | 30 | 26 |  | 28 | 24 | 21 |  | 21 |
| 7   | 55  | 43  | 35  | 30  |  | 50 | 39 | 32 | 27 |  | 32 | 27 | 23 |  | 25 | 21 | 18 |  | 19 |
| 8   | 51  | 39  | 31  | 26  |  | 46 | 35 | 29 | 24 |  | 29 | 24 | 20 |  | 23 | 19 | 16 |  | 17 |
| 9   | 47  | 35  | 28  | 23  |  | 43 | 32 | 26 | 21 |  | 26 | 21 | 18 |  | 21 | 17 | 15 |  | 16 |
| 10  | 44  | 32  | 25  | 20  |  | 40 | 30 | 23 | 19 |  | 24 | 19 | 16 |  | 19 | 16 | 13 |  | 14 |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°   | 45°  | 90°  |
|-----|------|------|------|
| 0°  | 1927 | 1927 | 1927 |
| 5°  | 1937 | 1895 | 1865 |
| 10° | 1937 | 1869 | 1843 |
| 15° | 1933 | 1853 | 1836 |
| 20° | 1933 | 1837 | 1834 |
| 25° | 1928 | 1821 | 1826 |
| 30° | 1922 | 1803 | 1810 |
| 35° | 1912 | 1775 | 1783 |
| 40° | 1893 | 1737 | 1744 |
| 45° | 1874 | 1683 | 1691 |
| 50° | 1830 | 1609 | 1608 |
| 55° | 1778 | 1507 | 1511 |
| 60° | 1718 | 1389 | 1365 |
| 65° | 1634 | 1244 | 1213 |
| 70° | 1517 | 1061 | 1024 |
| 75° | 1319 | 843  | 815  |
| 80° | 1030 | 598  | 597  |
| 85° | 560  | 344  | 392  |



TEST NUMBER: P395558

CATALOG NUMBER: I3-FL-40L92765-1D-UNV-W2A-W-4 (4000K)

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 33.4   | 1.0       |
| 10°-20°   | 98.3   | 3.1       |
| 20°-30°   | 155.0  | 4.8       |
| 30°-40°   | 194.9  | 6.0       |
| 40°-50°   | 209.5  | 6.5       |
| 50°-60°   | 192.7  | 6.0       |
| 60°-70°   | 147.6  | 4.6       |
| 70°-80°   | 84.1   | 2.6       |
| 80°-90°   | 26.3   | 0.8       |
| 90°-100°  | 35.1   | 1.1       |
| 100°-110° | 152.7  | 4.7       |
| 110°-120° | 279.5  | 8.7       |
| 120°-130° | 360.3  | 11.2      |
| 130°-140° | 383.4  | 11.9      |
| 140°-150° | 352.8  | 10.9      |
| 150°-160° | 279.5  | 8.7       |
| 160°-170° | 177.0  | 5.5       |
| 170°-180° | 59.9   | 1.9       |
| 0°-30°    | 286.8  | 8.9       |
| 0°-40°    | 481.6  | 14.9      |
| 0°-60°    | 883.9  | 27.4      |
| 0°-90°    | 1141.8 | 35.4      |
| 90°-120°  | 467.4  | 14.5      |
| 90°-150°  | 1563.9 | 48.5      |
| 90°-180°  | 2080.0 | 64.6      |
| 0°-180°   | 3222.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|-----|-------|-----|------|
| 0°   | 351 | 351   | 351 | 351   | 351 |      |
| 5°   | 352 | 349   | 352 | 350   | 348 | 34   |
| 15°  | 344 | 342   | 349 | 352   | 352 | 97   |
| 25°  | 324 | 325   | 337 | 345   | 348 | 150  |
| 35°  | 294 | 297   | 314 | 324   | 328 | 184  |
| 45°  | 251 | 257   | 274 | 286   | 290 | 194  |
| 55°  | 197 | 205   | 217 | 228   | 233 | 176  |
| 65°  | 137 | 142   | 150 | 157   | 160 | 136  |
| 75°  | 72  | 74    | 79  | 84    | 86  | 76   |
| 85°  | 13  | 17    | 22  | 28    | 30  | 17   |
| 90°  | 1   | 3     | 8   | 11    | 13  | 2    |
| 95°  | 24  | 23    | 26  | 29    | 30  | 30   |
| 105° | 129 | 135   | 146 | 155   | 157 | 137  |
| 115° | 254 | 265   | 286 | 301   | 309 | 249  |
| 125° | 363 | 379   | 408 | 428   | 437 | 324  |
| 135° | 456 | 471   | 501 | 522   | 532 | 352  |
| 145° | 531 | 542   | 567 | 583   | 593 | 332  |
| 155° | 585 | 592   | 607 | 619   | 625 | 270  |
| 165° | 619 | 619   | 627 | 632   | 633 | 175  |
| 175° | 633 | 628   | 628 | 626   | 621 | 60   |
| 180° | 626 | 626   | 626 | 626   | 626 |      |



TEST NUMBER: P395558

CATALOG NUMBER: I3-FL-40L92765-1D-UNV-W2A-W-4 (4000K)

**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 350.6 | 350.6 | 350.6 | 350.6 | 350.6 | 350.6 | 350.6 | 350.6 | 350.6 | 350.6 | 350.6 |
| 2.5°   | 354.1 | 353.2 | 352.3 | 350.6 | 350.6 | 349.7 | 349.7 | 349.7 | 349.7 | 350.6 | 351.5 |
| 5°     | 352.3 | 352.3 | 351.5 | 349.7 | 349.7 | 348.8 | 348.8 | 349.7 | 348.8 | 349.7 | 351.5 |
| 7.5°   | 351.5 | 351.5 | 350.6 | 348.8 | 348.8 | 348.8 | 348.8 | 348.8 | 348.8 | 349.7 | 351.5 |
| 10°    | 349.7 | 349.7 | 347.9 | 347.1 | 347.1 | 347.1 | 347.1 | 347.9 | 347.9 | 348.8 | 350.6 |
| 12.5°  | 347.1 | 346.2 | 345.3 | 344.4 | 344.4 | 344.4 | 345.3 | 346.2 | 346.2 | 347.9 | 349.7 |
| 15°    | 343.5 | 343.5 | 342.7 | 341.8 | 341.8 | 341.8 | 342.7 | 343.5 | 344.4 | 346.2 | 348.8 |
| 17.5°  | 340.0 | 340.0 | 339.2 | 339.2 | 339.2 | 339.2 | 340.0 | 340.9 | 342.7 | 344.4 | 347.1 |
| 20°    | 335.6 | 335.6 | 334.8 | 334.8 | 334.8 | 335.6 | 335.6 | 337.4 | 339.2 | 341.8 | 344.4 |
| 22.5°  | 330.4 | 330.4 | 330.4 | 329.5 | 330.4 | 331.2 | 332.1 | 333.9 | 335.6 | 338.3 | 341.8 |
| 25°    | 324.2 | 324.2 | 324.2 | 324.2 | 325.1 | 325.1 | 326.9 | 328.6 | 330.4 | 333.9 | 337.4 |
| 27.5°  | 318.1 | 318.1 | 318.1 | 317.2 | 318.9 | 319.8 | 320.7 | 323.3 | 325.1 | 329.5 | 333.0 |
| 30°    | 310.2 | 310.2 | 310.2 | 311.0 | 311.9 | 312.8 | 314.6 | 317.2 | 318.9 | 323.3 | 327.7 |
| 32.5°  | 302.3 | 302.3 | 302.3 | 302.3 | 304.9 | 305.8 | 306.6 | 309.3 | 312.8 | 317.2 | 321.6 |
| 35°    | 293.5 | 293.5 | 293.5 | 294.3 | 296.1 | 297.0 | 298.7 | 301.4 | 304.9 | 309.3 | 313.7 |
| 37.5°  | 283.8 | 284.7 | 284.7 | 285.6 | 287.3 | 289.1 | 290.8 | 293.5 | 297.0 | 301.4 | 305.8 |
| 40°    | 273.3 | 274.1 | 274.1 | 275.0 | 276.8 | 278.5 | 280.3 | 283.8 | 287.3 | 291.7 | 296.1 |
| 42.5°  | 262.7 | 263.6 | 263.6 | 265.3 | 267.1 | 268.9 | 270.6 | 274.1 | 277.7 | 282.0 | 285.6 |
| 45°    | 251.3 | 252.2 | 252.2 | 253.9 | 256.6 | 257.4 | 260.1 | 263.6 | 267.1 | 270.6 | 274.1 |
| 47.5°  | 239.0 | 239.9 | 239.9 | 241.6 | 244.3 | 246.0 | 247.8 | 251.3 | 253.9 | 258.3 | 261.8 |
| 50°    | 224.9 | 225.8 | 226.7 | 228.4 | 232.0 | 233.7 | 235.5 | 238.1 | 241.6 | 244.3 | 247.8 |
| 52.5°  | 211.8 | 211.8 | 212.6 | 214.4 | 217.0 | 218.8 | 219.7 | 222.3 | 226.7 | 230.2 | 233.7 |
| 55°    | 196.8 | 197.7 | 198.6 | 200.3 | 203.0 | 204.7 | 205.6 | 208.2 | 210.9 | 213.5 | 217.0 |
| 57.5°  | 183.6 | 183.6 | 184.5 | 186.3 | 188.9 | 189.8 | 190.7 | 192.4 | 195.9 | 198.6 | 201.2 |
| 60°    | 167.8 | 168.7 | 169.6 | 171.3 | 173.1 | 174.8 | 174.8 | 177.5 | 180.1 | 182.8 | 184.5 |
| 62.5°  | 153.8 | 153.8 | 154.6 | 156.4 | 157.3 | 159.0 | 159.0 | 161.7 | 163.4 | 166.1 | 167.8 |
| 65°    | 137.1 | 137.9 | 138.8 | 139.7 | 141.5 | 141.5 | 142.3 | 144.1 | 145.9 | 147.6 | 150.2 |
| 67.5°  | 122.1 | 122.1 | 123.0 | 123.9 | 124.8 | 124.8 | 125.6 | 127.4 | 129.2 | 130.9 | 132.7 |
| 70°    | 105.4 | 106.3 | 106.3 | 106.3 | 107.2 | 108.1 | 109.0 | 109.8 | 111.6 | 112.5 | 114.2 |
| 72.5°  | 88.7  | 88.7  | 89.6  | 89.6  | 90.5  | 91.4  | 92.3  | 93.1  | 94.0  | 95.8  | 96.7  |
| 75°    | 72.0  | 72.0  | 72.9  | 72.9  | 73.8  | 73.8  | 73.8  | 75.6  | 76.4  | 78.2  | 79.1  |
| 77.5°  | 55.4  | 56.2  | 56.2  | 56.2  | 57.1  | 58.0  | 58.0  | 58.9  | 60.6  | 61.5  | 62.4  |
| 80°    | 40.4  | 40.4  | 40.4  | 40.4  | 41.3  | 42.2  | 43.1  | 43.1  | 44.8  | 46.6  | 47.4  |
| 82.5°  | 25.5  | 25.5  | 26.4  | 27.2  | 27.2  | 28.1  | 29.0  | 29.9  | 31.6  | 32.5  | 33.4  |
| 85°    | 13.2  | 13.2  | 14.1  | 14.9  | 15.8  | 16.7  | 16.7  | 17.6  | 19.3  | 21.1  | 22.0  |
| 87.5°  | 4.4   | 5.3   | 5.3   | 6.2   | 7.0   | 7.9   | 8.8   | 9.7   | 11.4  | 13.2  | 14.1  |
| 90°    | 0.9   | 0.9   | 0.9   | 1.8   | 2.6   | 2.6   | 3.5   | 4.4   | 5.3   | 6.2   | 7.9   |
| 92.5°  | 7.9   | 7.9   | 7.0   | 7.9   | 7.9   | 7.9   | 7.9   | 8.8   | 9.7   | 9.7   | 11.4  |
| 95°    | 23.7  | 22.8  | 22.8  | 22.8  | 22.8  | 22.8  | 22.8  | 23.7  | 24.6  | 24.6  | 25.5  |
| 97.5°  | 45.7  | 45.7  | 44.8  | 44.8  | 45.7  | 45.7  | 45.7  | 46.6  | 48.3  | 47.4  | 49.2  |
| 100°   | 71.2  | 71.2  | 70.3  | 71.2  | 72.0  | 72.9  | 74.7  | 74.7  | 76.4  | 76.4  | 79.1  |
| 102.5° | 100.2 | 100.2 | 99.3  | 101.0 | 101.9 | 103.7 | 103.7 | 105.4 | 108.1 | 108.1 | 111.6 |
| 105°   | 129.2 | 130.0 | 130.0 | 131.8 | 133.6 | 135.3 | 135.3 | 137.9 | 141.5 | 141.5 | 145.9 |
| 107.5° | 160.8 | 161.7 | 161.7 | 163.4 | 165.2 | 166.9 | 167.8 | 171.3 | 174.8 | 175.7 | 181.0 |
| 110°   | 191.5 | 192.4 | 193.3 | 195.1 | 196.8 | 199.5 | 201.2 | 204.7 | 209.1 | 210.9 | 215.3 |



TEST NUMBER: P395558

CATALOG NUMBER: I3-FL-40L92765-1D-UNV-W2A-W-4 (4000K)

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 220.5 | 224.1 | 224.9 | 227.6 | 230.2 | 232.8 | 234.6 | 239.0 | 244.3 | 246.9 | 252.2 |
| 115°   | 253.9 | 255.7 | 256.6 | 259.2 | 262.7 | 265.3 | 267.1 | 271.5 | 276.8 | 280.3 | 286.4 |
| 117.5° | 281.2 | 285.6 | 286.4 | 289.1 | 292.6 | 295.2 | 297.0 | 302.3 | 308.4 | 312.8 | 318.9 |
| 120°   | 310.2 | 313.7 | 317.2 | 318.9 | 321.6 | 325.1 | 326.9 | 332.1 | 339.2 | 343.5 | 350.6 |
| 122.5° | 336.5 | 340.0 | 343.5 | 346.2 | 349.7 | 351.5 | 354.1 | 360.2 | 367.3 | 372.5 | 379.6 |
| 125°   | 362.9 | 367.3 | 369.9 | 372.5 | 376.9 | 378.7 | 381.3 | 387.5 | 394.5 | 400.7 | 407.7 |
| 127.5° | 388.4 | 391.0 | 395.4 | 397.1 | 401.5 | 403.3 | 405.9 | 413.0 | 420.0 | 426.1 | 433.2 |
| 130°   | 412.1 | 415.6 | 419.1 | 420.0 | 425.3 | 427.9 | 430.5 | 436.7 | 444.6 | 450.7 | 457.8 |
| 132.5° | 434.9 | 436.7 | 441.1 | 443.7 | 448.1 | 450.7 | 453.4 | 458.7 | 466.6 | 472.7 | 479.7 |
| 135°   | 456.0 | 457.8 | 463.0 | 465.7 | 468.3 | 471.0 | 474.5 | 479.7 | 487.6 | 493.8 | 500.8 |
| 137.5° | 477.1 | 478.9 | 484.1 | 486.8 | 488.5 | 491.2 | 493.8 | 499.1 | 507.0 | 513.1 | 519.3 |
| 140°   | 496.4 | 498.2 | 501.7 | 505.2 | 507.0 | 508.7 | 511.4 | 516.6 | 523.7 | 529.8 | 536.0 |
| 142.5° | 514.0 | 515.8 | 519.3 | 522.8 | 525.4 | 525.4 | 528.1 | 532.5 | 540.4 | 546.5 | 551.8 |
| 145°   | 530.7 | 531.6 | 535.1 | 538.6 | 542.1 | 542.1 | 543.0 | 547.4 | 554.4 | 561.5 | 566.7 |
| 147.5° | 546.5 | 547.4 | 550.0 | 553.5 | 556.2 | 557.1 | 558.8 | 560.6 | 567.6 | 574.6 | 580.8 |
| 150°   | 560.6 | 561.5 | 563.2 | 566.7 | 568.5 | 570.2 | 572.0 | 572.9 | 578.1 | 584.3 | 591.3 |
| 152.5° | 572.9 | 573.8 | 575.5 | 578.1 | 579.9 | 581.7 | 583.4 | 586.1 | 588.7 | 594.8 | 599.2 |
| 155°   | 585.2 | 586.1 | 586.9 | 589.6 | 591.3 | 592.2 | 593.1 | 596.6 | 599.2 | 602.7 | 607.1 |
| 157.5° | 595.7 | 595.7 | 596.6 | 598.4 | 600.1 | 600.1 | 601.0 | 604.5 | 607.1 | 610.7 | 613.3 |
| 160°   | 604.5 | 604.5 | 605.4 | 607.1 | 607.1 | 608.0 | 608.9 | 611.5 | 613.3 | 617.7 | 621.2 |
| 162.5° | 612.4 | 611.5 | 612.4 | 613.3 | 613.3 | 613.3 | 614.2 | 615.9 | 618.6 | 622.1 | 625.6 |
| 165°   | 618.6 | 618.6 | 618.6 | 619.4 | 619.4 | 618.6 | 618.6 | 620.3 | 622.1 | 624.7 | 627.4 |
| 167.5° | 623.8 | 623.8 | 623.0 | 623.8 | 623.0 | 623.0 | 622.1 | 623.0 | 623.8 | 626.5 | 628.2 |
| 170°   | 628.2 | 627.4 | 627.4 | 627.4 | 626.5 | 625.6 | 625.6 | 625.6 | 625.6 | 627.4 | 629.1 |
| 172.5° | 631.7 | 630.9 | 630.0 | 630.0 | 628.2 | 627.4 | 627.4 | 626.5 | 626.5 | 627.4 | 628.2 |
| 175°   | 632.6 | 631.7 | 630.9 | 630.9 | 629.1 | 628.2 | 627.4 | 627.4 | 626.5 | 627.4 | 628.2 |
| 177.5° | 634.4 | 633.5 | 631.7 | 631.7 | 630.0 | 628.2 | 628.2 | 627.4 | 626.5 | 627.4 | 627.4 |
| 180°   | 625.6 | 625.6 | 625.6 | 625.6 | 625.6 | 625.6 | 625.6 | 625.6 | 625.6 | 625.6 | 625.6 |



TEST NUMBER: P395558

CATALOG NUMBER: I3-FL-40L92765-1D-UNV-W2A-W-4 (4000K)

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 350.6 | 350.6 | 350.6 | 350.6 | 350.6 | 350.6 | 350.6 | 350.6 | 350.6 | 350.6 |
| 2.5°   | 352.3 | 352.3 | 351.5 | 350.6 | 350.6 | 349.7 | 348.8 | 347.9 | 347.1 | 346.2 |
| 5°     | 352.3 | 351.5 | 350.6 | 350.6 | 349.7 | 349.7 | 349.7 | 348.8 | 347.9 | 347.9 |
| 7.5°   | 352.3 | 352.3 | 351.5 | 350.6 | 350.6 | 350.6 | 350.6 | 350.6 | 349.7 | 349.7 |
| 10°    | 352.3 | 351.5 | 351.5 | 351.5 | 350.6 | 351.5 | 351.5 | 350.6 | 350.6 | 349.7 |
| 12.5°  | 351.5 | 351.5 | 351.5 | 351.5 | 351.5 | 351.5 | 351.5 | 351.5 | 351.5 | 350.6 |
| 15°    | 349.7 | 350.6 | 350.6 | 351.5 | 351.5 | 351.5 | 352.3 | 352.3 | 351.5 | 351.5 |
| 17.5°  | 348.8 | 349.7 | 350.6 | 351.5 | 351.5 | 351.5 | 352.3 | 352.3 | 352.3 | 352.3 |
| 20°    | 347.1 | 347.9 | 348.8 | 349.7 | 349.7 | 350.6 | 350.6 | 351.5 | 351.5 | 351.5 |
| 22.5°  | 343.5 | 344.4 | 346.2 | 347.1 | 347.9 | 348.8 | 349.7 | 349.7 | 349.7 | 349.7 |
| 25°    | 340.0 | 341.8 | 342.7 | 344.4 | 345.3 | 346.2 | 347.1 | 347.1 | 347.1 | 347.9 |
| 27.5°  | 335.6 | 337.4 | 340.0 | 340.9 | 341.8 | 342.7 | 343.5 | 344.4 | 344.4 | 344.4 |
| 30°    | 330.4 | 333.0 | 334.8 | 336.5 | 337.4 | 338.3 | 339.2 | 339.2 | 340.0 | 340.0 |
| 32.5°  | 324.2 | 326.9 | 328.6 | 330.4 | 331.2 | 332.1 | 333.9 | 333.9 | 334.8 | 334.8 |
| 35°    | 316.3 | 318.9 | 321.6 | 323.3 | 324.2 | 325.1 | 326.9 | 327.7 | 327.7 | 327.7 |
| 37.5°  | 308.4 | 311.0 | 313.7 | 316.3 | 317.2 | 318.1 | 319.8 | 319.8 | 320.7 | 320.7 |
| 40°    | 298.7 | 301.4 | 304.0 | 306.6 | 306.6 | 308.4 | 309.3 | 310.2 | 311.0 | 311.0 |
| 42.5°  | 289.1 | 291.7 | 293.5 | 296.1 | 297.0 | 297.9 | 298.7 | 300.5 | 300.5 | 301.4 |
| 45°    | 277.7 | 280.3 | 282.0 | 284.7 | 285.6 | 286.4 | 288.2 | 289.1 | 290.0 | 290.0 |
| 47.5°  | 265.3 | 267.1 | 268.9 | 271.5 | 273.3 | 274.1 | 275.0 | 275.9 | 276.8 | 275.9 |
| 50°    | 251.3 | 253.0 | 255.7 | 258.3 | 259.2 | 260.1 | 261.8 | 261.8 | 262.7 | 262.7 |
| 52.5°  | 236.4 | 239.0 | 240.7 | 243.4 | 244.3 | 245.1 | 246.9 | 246.9 | 247.8 | 247.8 |
| 55°    | 219.7 | 221.4 | 223.2 | 227.6 | 228.4 | 229.3 | 231.1 | 231.1 | 232.0 | 232.8 |
| 57.5°  | 203.8 | 204.7 | 207.4 | 209.1 | 210.9 | 210.9 | 211.8 | 212.6 | 213.5 | 213.5 |
| 60°    | 187.2 | 188.0 | 189.8 | 192.4 | 192.4 | 193.3 | 195.1 | 195.1 | 195.9 | 195.9 |
| 62.5°  | 169.6 | 171.3 | 173.1 | 175.7 | 174.8 | 175.7 | 177.5 | 177.5 | 178.4 | 178.4 |
| 65°    | 152.0 | 152.9 | 154.6 | 156.4 | 157.3 | 157.3 | 158.2 | 159.0 | 159.9 | 159.9 |
| 67.5°  | 133.6 | 135.3 | 136.2 | 138.8 | 137.9 | 138.8 | 139.7 | 139.7 | 140.6 | 140.6 |
| 70°    | 116.0 | 116.9 | 118.6 | 119.5 | 119.5 | 120.4 | 121.3 | 121.3 | 121.3 | 122.1 |
| 72.5°  | 98.4  | 99.3  | 100.2 | 101.0 | 101.0 | 101.9 | 102.8 | 102.8 | 103.7 | 103.7 |
| 75°    | 80.0  | 81.7  | 82.6  | 84.3  | 83.5  | 84.3  | 86.1  | 86.1  | 86.1  | 86.1  |
| 77.5°  | 64.1  | 65.0  | 66.8  | 67.7  | 67.7  | 67.7  | 69.4  | 68.5  | 69.4  | 69.4  |
| 80°    | 48.3  | 49.2  | 51.0  | 51.8  | 51.8  | 52.7  | 53.6  | 53.6  | 53.6  | 54.5  |
| 82.5°  | 34.3  | 36.0  | 37.8  | 38.7  | 38.7  | 39.5  | 40.4  | 40.4  | 41.3  | 41.3  |
| 85°    | 23.7  | 25.5  | 27.2  | 27.2  | 28.1  | 29.0  | 29.9  | 29.9  | 29.9  | 29.9  |
| 87.5°  | 15.8  | 16.7  | 17.6  | 18.5  | 19.3  | 19.3  | 20.2  | 20.2  | 21.1  | 21.1  |
| 90°    | 8.8   | 9.7   | 10.5  | 11.4  | 11.4  | 12.3  | 12.3  | 13.2  | 13.2  | 13.2  |
| 92.5°  | 12.3  | 12.3  | 13.2  | 14.1  | 14.1  | 14.1  | 14.1  | 14.9  | 14.9  | 14.9  |
| 95°    | 26.4  | 27.2  | 27.2  | 29.0  | 29.0  | 29.0  | 29.9  | 29.9  | 29.9  | 29.9  |
| 97.5°  | 51.0  | 51.0  | 51.0  | 52.7  | 52.7  | 52.7  | 53.6  | 53.6  | 53.6  | 54.5  |
| 100°   | 80.0  | 80.8  | 80.8  | 83.5  | 82.6  | 84.3  | 84.3  | 84.3  | 84.3  | 85.2  |
| 102.5° | 112.5 | 114.2 | 115.1 | 117.7 | 117.7 | 117.7 | 119.5 | 118.6 | 119.5 | 119.5 |
| 105°   | 147.6 | 149.4 | 150.2 | 152.9 | 154.6 | 154.6 | 156.4 | 155.5 | 156.4 | 157.3 |
| 107.5° | 182.8 | 185.4 | 187.2 | 189.8 | 191.5 | 192.4 | 192.4 | 193.3 | 194.2 | 195.1 |
| 110°   | 218.8 | 221.4 | 225.8 | 228.4 | 229.3 | 231.1 | 232.0 | 232.8 | 233.7 | 235.5 |





TEST NUMBER: P395558

CATALOG NUMBER: I3-FL-40L92765-1D-UNV-W2A-W-4 (4000K)

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 256.6 | 259.2 | 262.7 | 266.2 | 265.3 | 268.0 | 269.7 | 270.6 | 271.5 | 270.6 |
| 115°   | 290.8 | 294.3 | 297.9 | 301.4 | 301.4 | 303.1 | 306.6 | 307.5 | 307.5 | 309.3 |
| 117.5° | 323.3 | 327.7 | 331.2 | 334.8 | 335.6 | 337.4 | 340.0 | 342.7 | 342.7 | 344.4 |
| 120°   | 355.0 | 360.2 | 363.8 | 367.3 | 369.0 | 369.9 | 372.5 | 376.1 | 376.1 | 376.1 |
| 122.5° | 384.8 | 389.2 | 393.6 | 397.1 | 398.9 | 400.7 | 402.4 | 406.8 | 406.8 | 408.6 |
| 125°   | 413.0 | 418.2 | 422.6 | 426.1 | 427.9 | 429.7 | 433.2 | 435.8 | 436.7 | 436.7 |
| 127.5° | 439.3 | 444.6 | 449.0 | 453.4 | 454.3 | 456.0 | 459.5 | 463.0 | 463.9 | 464.8 |
| 130°   | 463.9 | 469.2 | 473.6 | 478.0 | 479.7 | 480.6 | 485.0 | 487.6 | 489.4 | 490.3 |
| 132.5° | 485.9 | 491.2 | 495.6 | 499.9 | 501.7 | 503.5 | 506.1 | 510.5 | 511.4 | 511.4 |
| 135°   | 506.1 | 511.4 | 515.8 | 521.0 | 521.9 | 523.7 | 527.2 | 529.8 | 531.6 | 532.5 |
| 137.5° | 524.5 | 529.8 | 535.1 | 539.5 | 541.2 | 542.1 | 545.6 | 549.2 | 550.9 | 551.8 |
| 140°   | 541.2 | 546.5 | 551.8 | 555.3 | 556.2 | 558.8 | 561.5 | 565.0 | 566.7 | 567.6 |
| 142.5° | 557.1 | 561.5 | 565.8 | 570.2 | 571.1 | 572.9 | 575.5 | 579.0 | 580.8 | 581.7 |
| 145°   | 571.1 | 575.5 | 579.0 | 582.5 | 583.4 | 585.2 | 587.8 | 590.4 | 592.2 | 593.1 |
| 147.5° | 584.3 | 587.8 | 591.3 | 594.0 | 594.8 | 596.6 | 598.4 | 600.1 | 601.9 | 602.7 |
| 150°   | 595.7 | 597.5 | 601.0 | 602.7 | 603.6 | 605.4 | 607.1 | 608.9 | 610.7 | 611.5 |
| 152.5° | 604.5 | 607.1 | 608.9 | 611.5 | 612.4 | 613.3 | 615.0 | 616.8 | 618.6 | 618.6 |
| 155°   | 611.5 | 614.2 | 615.9 | 618.6 | 619.4 | 620.3 | 622.1 | 623.0 | 624.7 | 624.7 |
| 157.5° | 616.8 | 619.4 | 621.2 | 623.0 | 623.8 | 624.7 | 625.6 | 627.4 | 629.1 | 629.1 |
| 160°   | 623.0 | 623.8 | 624.7 | 626.5 | 626.5 | 627.4 | 628.2 | 629.1 | 630.9 | 630.9 |
| 162.5° | 628.2 | 629.1 | 627.4 | 628.2 | 627.4 | 628.2 | 629.1 | 630.0 | 630.9 | 630.9 |
| 165°   | 630.0 | 631.7 | 630.9 | 631.7 | 631.7 | 631.7 | 631.7 | 632.6 | 632.6 | 632.6 |
| 167.5° | 630.0 | 631.7 | 630.9 | 630.9 | 631.7 | 631.7 | 632.6 | 633.5 | 633.5 | 633.5 |
| 170°   | 630.0 | 630.9 | 630.0 | 629.1 | 630.0 | 630.0 | 630.0 | 630.9 | 630.9 | 630.9 |
| 172.5° | 629.1 | 630.0 | 628.2 | 627.4 | 627.4 | 627.4 | 626.5 | 626.5 | 625.6 | 625.6 |
| 175°   | 628.2 | 628.2 | 626.5 | 625.6 | 625.6 | 625.6 | 623.8 | 623.0 | 622.1 | 621.2 |
| 177.5° | 627.4 | 627.4 | 624.7 | 623.8 | 623.8 | 623.0 | 623.0 | 621.2 | 621.2 | 620.3 |
| 180°   | 625.6 | 625.6 | 625.6 | 625.6 | 625.6 | 625.6 | 625.6 | 625.6 | 625.6 | 625.6 |

(END OF REPORT)