

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: P395562

Luminaire Tested: **I3-FL-40L92765-1D-UNV-W2A-W-4 (6500K)**

Issue Date: 5/6/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P395562  
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 (6500K)  
Description: CORELITE I3, FROSTED TOP COVER  
4000 LUMENS, VIVIDTUNE TUNABLE WHITE  
Light Source: 2700K/6500K CCT, 90 CRI LEDS, TUNED TO 6500K CCT  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3462.9 lumens  
Efficiency: N/A  
Efficacy: 118.6 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

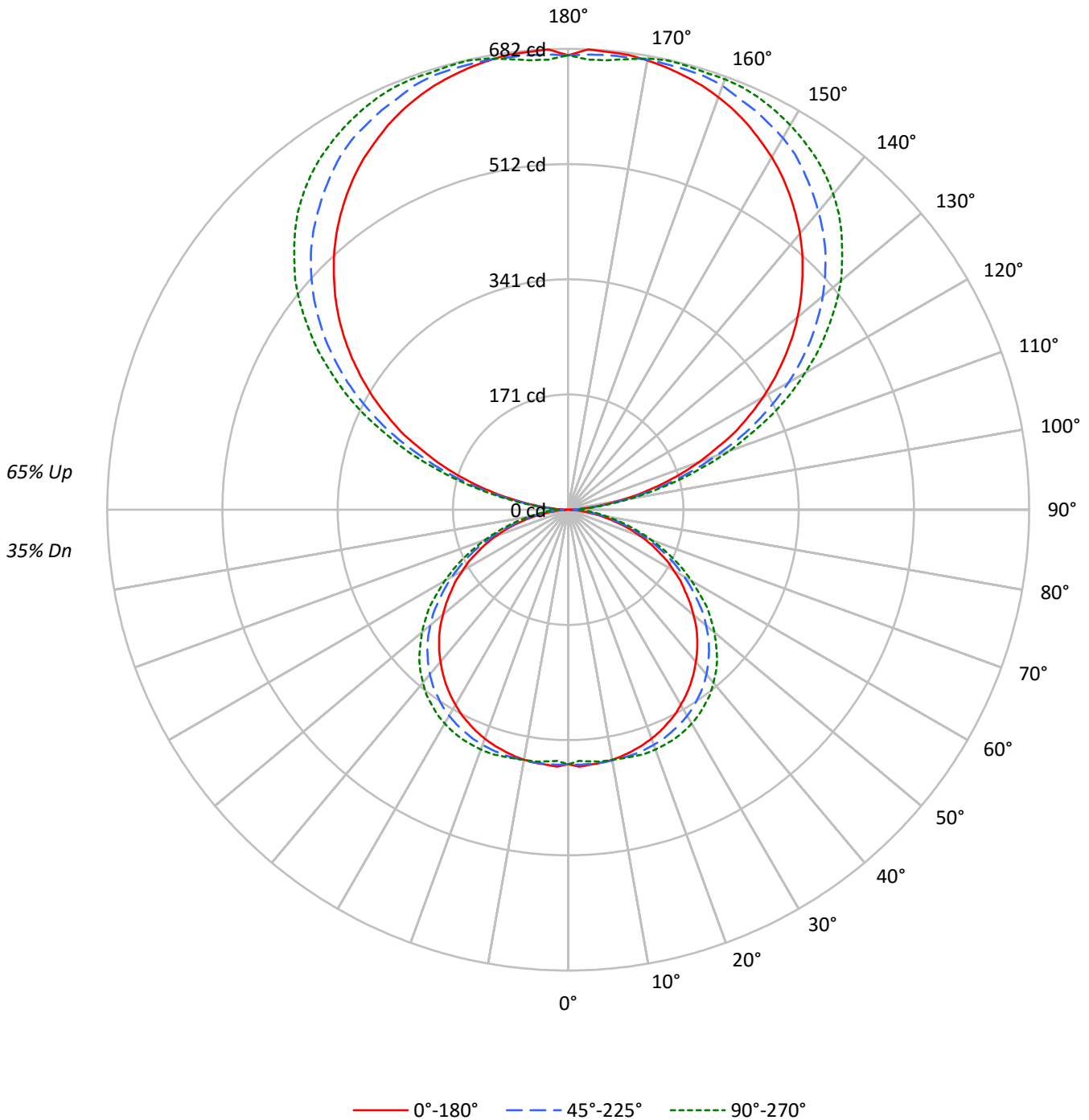
Input Watts (W): 29.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P395562

CATALOG NUMBER: I3-FL-40L92765-1D-UNV-W2A-W-4 (6500K)

### Luminous Intensity Polar Plot





TEST NUMBER: P395562

CATALOG NUMBER: I3-FL-40L92765-1D-UNV-W2A-W-4 (6500K)

**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°  | 2071 | 2071 | 2071 |
| 5°  | 2082 | 2037 | 2005 |
| 10° | 2082 | 2009 | 1981 |
| 15° | 2077 | 1991 | 1973 |
| 20° | 2078 | 1974 | 1970 |
| 25° | 2072 | 1957 | 1963 |
| 30° | 2065 | 1938 | 1945 |
| 35° | 2055 | 1907 | 1916 |
| 40° | 2035 | 1867 | 1874 |
| 45° | 2014 | 1809 | 1817 |
| 50° | 1967 | 1729 | 1728 |
| 55° | 1911 | 1620 | 1624 |
| 60° | 1847 | 1493 | 1468 |
| 65° | 1756 | 1338 | 1304 |
| 70° | 1630 | 1141 | 1101 |
| 75° | 1418 | 906  | 875  |
| 80° | 1107 | 644  | 641  |
| 85° | 602  | 369  | 421  |



TEST NUMBER: P395562

CATALOG NUMBER: I3-FL-40L92765-1D-UNV-W2A-W-4 (6500K)

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 35.9   | 1.0       |
| 10°-20°   | 105.7  | 3.1       |
| 20°-30°   | 166.6  | 4.8       |
| 30°-40°   | 209.4  | 6.0       |
| 40°-50°   | 225.2  | 6.5       |
| 50°-60°   | 207.1  | 6.0       |
| 60°-70°   | 158.7  | 4.6       |
| 70°-80°   | 90.4   | 2.6       |
| 80°-90°   | 28.2   | 0.8       |
| 90°-100°  | 37.7   | 1.1       |
| 100°-110° | 164.1  | 4.7       |
| 110°-120° | 300.4  | 8.7       |
| 120°-130° | 387.3  | 11.2      |
| 130°-140° | 412.1  | 11.9      |
| 140°-150° | 379.1  | 10.9      |
| 150°-160° | 300.3  | 8.7       |
| 160°-170° | 190.2  | 5.5       |
| 170°-180° | 64.4   | 1.9       |
| 0°-30°    | 308.2  | 8.9       |
| 0°-40°    | 517.6  | 14.9      |
| 0°-60°    | 949.9  | 27.4      |
| 0°-90°    | 1227.2 | 35.4      |
| 90°-120°  | 502.3  | 14.5      |
| 90°-150°  | 1680.8 | 48.5      |
| 90°-180°  | 2236.0 | 64.6      |
| 0°-180°   | 3462.9 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|-----|-------|-----|------|
| 0°   | 377 | 377   | 377 | 377   | 377 |      |
| 5°   | 379 | 375   | 378 | 376   | 374 | 36   |
| 15°  | 369 | 367   | 375 | 378   | 378 | 104  |
| 25°  | 348 | 349   | 363 | 371   | 374 | 161  |
| 35°  | 315 | 319   | 337 | 348   | 352 | 197  |
| 45°  | 270 | 277   | 295 | 307   | 312 | 208  |
| 55°  | 212 | 220   | 233 | 246   | 250 | 190  |
| 65°  | 147 | 152   | 162 | 169   | 172 | 146  |
| 75°  | 77  | 79    | 85  | 90    | 92  | 82   |
| 85°  | 14  | 18    | 24  | 30    | 32  | 18   |
| 90°  | 1   | 3     | 8   | 12    | 14  | 2    |
| 95°  | 26  | 25    | 27  | 31    | 32  | 32   |
| 105° | 139 | 145   | 157 | 166   | 169 | 148  |
| 115° | 273 | 285   | 308 | 324   | 332 | 268  |
| 125° | 390 | 407   | 438 | 460   | 469 | 348  |
| 135° | 490 | 506   | 538 | 561   | 572 | 378  |
| 145° | 570 | 583   | 609 | 627   | 637 | 357  |
| 155° | 629 | 636   | 652 | 666   | 671 | 290  |
| 165° | 665 | 665   | 674 | 679   | 680 | 188  |
| 175° | 680 | 675   | 675 | 672   | 668 | 65   |
| 180° | 672 | 672   | 672 | 672   | 672 |      |



TEST NUMBER: P395562

CATALOG NUMBER: I3-FL-40L92765-1D-UNV-W2A-W-4 (6500K)

**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 376.8 | 376.8 | 376.8 | 376.8 | 376.8 | 376.8 | 376.8 | 376.8 | 376.8 | 376.8 | 376.8 |
| 2.5°   | 380.6 | 379.6 | 378.7 | 376.8 | 376.8 | 375.8 | 375.8 | 375.8 | 375.8 | 376.8 | 377.7 |
| 5°     | 378.7 | 378.7 | 377.7 | 375.8 | 375.8 | 374.9 | 374.9 | 375.8 | 374.9 | 375.8 | 377.7 |
| 7.5°   | 377.7 | 377.7 | 376.8 | 374.9 | 374.9 | 374.9 | 374.9 | 374.9 | 374.9 | 375.8 | 377.7 |
| 10°    | 375.8 | 375.8 | 373.9 | 373.0 | 373.0 | 373.0 | 373.0 | 373.9 | 373.9 | 374.9 | 376.8 |
| 12.5°  | 373.0 | 372.1 | 371.1 | 370.2 | 370.2 | 370.2 | 371.1 | 372.1 | 372.1 | 373.9 | 375.8 |
| 15°    | 369.2 | 369.2 | 368.3 | 367.3 | 367.3 | 367.3 | 368.3 | 369.2 | 370.2 | 372.1 | 374.9 |
| 17.5°  | 365.5 | 365.5 | 364.5 | 364.5 | 364.5 | 364.5 | 365.5 | 366.4 | 368.3 | 370.2 | 373.0 |
| 20°    | 360.7 | 360.7 | 359.8 | 359.8 | 359.8 | 360.7 | 360.7 | 362.6 | 364.5 | 367.3 | 370.2 |
| 22.5°  | 355.1 | 355.1 | 355.1 | 354.1 | 355.1 | 356.0 | 357.0 | 358.8 | 360.7 | 363.6 | 367.3 |
| 25°    | 348.5 | 348.5 | 348.5 | 348.5 | 349.4 | 349.4 | 351.3 | 353.2 | 355.1 | 358.8 | 362.6 |
| 27.5°  | 341.8 | 341.8 | 341.8 | 340.9 | 342.8 | 343.7 | 344.7 | 347.5 | 349.4 | 354.1 | 357.9 |
| 30°    | 333.3 | 333.3 | 333.3 | 334.3 | 335.2 | 336.2 | 338.1 | 340.9 | 342.8 | 347.5 | 352.2 |
| 32.5°  | 324.8 | 324.8 | 324.8 | 324.8 | 327.7 | 328.6 | 329.6 | 332.4 | 336.2 | 340.9 | 345.6 |
| 35°    | 315.4 | 315.4 | 315.4 | 316.3 | 318.2 | 319.2 | 321.1 | 323.9 | 327.7 | 332.4 | 337.1 |
| 37.5°  | 305.0 | 306.0 | 306.0 | 306.9 | 308.8 | 310.7 | 312.6 | 315.4 | 319.2 | 323.9 | 328.6 |
| 40°    | 293.7 | 294.6 | 294.6 | 295.6 | 297.5 | 299.3 | 301.2 | 305.0 | 308.8 | 313.5 | 318.2 |
| 42.5°  | 282.4 | 283.3 | 283.3 | 285.2 | 287.1 | 289.0 | 290.8 | 294.6 | 298.4 | 303.1 | 306.9 |
| 45°    | 270.1 | 271.0 | 271.0 | 272.9 | 275.7 | 276.7 | 279.5 | 283.3 | 287.1 | 290.8 | 294.6 |
| 47.5°  | 256.9 | 257.8 | 257.8 | 259.7 | 262.5 | 264.4 | 266.3 | 270.1 | 272.9 | 277.6 | 281.4 |
| 50°    | 241.7 | 242.7 | 243.6 | 245.5 | 249.3 | 251.2 | 253.1 | 255.9 | 259.7 | 262.5 | 266.3 |
| 52.5°  | 227.6 | 227.6 | 228.5 | 230.4 | 233.2 | 235.1 | 236.1 | 238.9 | 243.6 | 247.4 | 251.2 |
| 55°    | 211.5 | 212.5 | 213.4 | 215.3 | 218.1 | 220.0 | 221.0 | 223.8 | 226.6 | 229.5 | 233.2 |
| 57.5°  | 197.4 | 197.4 | 198.3 | 200.2 | 203.0 | 204.0 | 204.9 | 206.8 | 210.6 | 213.4 | 216.2 |
| 60°    | 180.4 | 181.3 | 182.3 | 184.1 | 186.0 | 187.9 | 187.9 | 190.8 | 193.6 | 196.4 | 198.3 |
| 62.5°  | 165.3 | 165.3 | 166.2 | 168.1 | 169.0 | 170.9 | 170.9 | 173.8 | 175.6 | 178.5 | 180.4 |
| 65°    | 147.3 | 148.3 | 149.2 | 150.1 | 152.0 | 152.0 | 153.0 | 154.9 | 156.8 | 158.6 | 161.5 |
| 67.5°  | 131.3 | 131.3 | 132.2 | 133.1 | 134.1 | 134.1 | 135.0 | 136.9 | 138.8 | 140.7 | 142.6 |
| 70°    | 113.3 | 114.3 | 114.3 | 114.3 | 115.2 | 116.2 | 117.1 | 118.0 | 119.9 | 120.9 | 122.8 |
| 72.5°  | 95.4  | 95.4  | 96.3  | 96.3  | 97.3  | 98.2  | 99.2  | 100.1 | 101.0 | 102.9 | 103.9 |
| 75°    | 77.4  | 77.4  | 78.4  | 78.4  | 79.3  | 79.3  | 79.3  | 81.2  | 82.2  | 84.0  | 85.0  |
| 77.5°  | 59.5  | 60.4  | 60.4  | 60.4  | 61.4  | 62.3  | 62.3  | 63.3  | 65.2  | 66.1  | 67.0  |
| 80°    | 43.4  | 43.4  | 43.4  | 43.4  | 44.4  | 45.3  | 46.3  | 46.3  | 48.2  | 50.0  | 51.0  |
| 82.5°  | 27.4  | 27.4  | 28.3  | 29.3  | 29.3  | 30.2  | 31.2  | 32.1  | 34.0  | 34.9  | 35.9  |
| 85°    | 14.2  | 14.2  | 15.1  | 16.1  | 17.0  | 17.9  | 17.9  | 18.9  | 20.8  | 22.7  | 23.6  |
| 87.5°  | 4.7   | 5.7   | 5.7   | 6.6   | 7.6   | 8.5   | 9.4   | 10.4  | 12.3  | 14.2  | 15.1  |
| 90°    | 0.9   | 0.9   | 0.9   | 1.9   | 2.8   | 2.8   | 3.8   | 4.7   | 5.7   | 6.6   | 8.5   |
| 92.5°  | 8.5   | 8.5   | 7.6   | 8.5   | 8.5   | 8.5   | 8.5   | 9.4   | 10.4  | 10.4  | 12.3  |
| 95°    | 25.5  | 24.6  | 24.6  | 24.6  | 24.6  | 24.6  | 24.6  | 25.5  | 26.4  | 26.4  | 27.4  |
| 97.5°  | 49.1  | 49.1  | 48.2  | 48.2  | 49.1  | 49.1  | 49.1  | 50.0  | 51.9  | 51.0  | 52.9  |
| 100°   | 76.5  | 76.5  | 75.5  | 76.5  | 77.4  | 78.4  | 80.3  | 80.3  | 82.2  | 82.2  | 85.0  |
| 102.5° | 107.7 | 107.7 | 106.7 | 108.6 | 109.5 | 111.4 | 111.4 | 113.3 | 116.2 | 116.2 | 119.9 |
| 105°   | 138.8 | 139.8 | 139.8 | 141.6 | 143.5 | 145.4 | 145.4 | 148.3 | 152.0 | 152.0 | 156.8 |
| 107.5° | 172.8 | 173.8 | 173.8 | 175.6 | 177.5 | 179.4 | 180.4 | 184.1 | 187.9 | 188.9 | 194.5 |
| 110°   | 205.9 | 206.8 | 207.7 | 209.6 | 211.5 | 214.4 | 216.2 | 220.0 | 224.7 | 226.6 | 231.4 |



TEST NUMBER: P395562

CATALOG NUMBER: I3-FL-40L92765-1D-UNV-W2A-W-4 (6500K)

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 237.0 | 240.8 | 241.7 | 244.6 | 247.4 | 250.2 | 252.1 | 256.9 | 262.5 | 265.4 | 271.0 |
| 115°   | 272.9 | 274.8 | 275.7 | 278.6 | 282.4 | 285.2 | 287.1 | 291.8 | 297.5 | 301.2 | 307.8 |
| 117.5° | 302.2 | 306.9 | 307.8 | 310.7 | 314.5 | 317.3 | 319.2 | 324.8 | 331.5 | 336.2 | 342.8 |
| 120°   | 333.3 | 337.1 | 340.9 | 342.8 | 345.6 | 349.4 | 351.3 | 357.0 | 364.5 | 369.2 | 376.8 |
| 122.5° | 361.7 | 365.5 | 369.2 | 372.1 | 375.8 | 377.7 | 380.6 | 387.2 | 394.7 | 400.4 | 407.9 |
| 125°   | 390.0 | 394.7 | 397.6 | 400.4 | 405.1 | 407.0 | 409.8 | 416.4 | 424.0 | 430.6 | 438.2 |
| 127.5° | 417.4 | 420.2 | 424.9 | 426.8 | 431.6 | 433.4 | 436.3 | 443.8 | 451.4 | 458.0 | 465.5 |
| 130°   | 442.9 | 446.7 | 450.4 | 451.4 | 457.0 | 459.9 | 462.7 | 469.3 | 477.8 | 484.4 | 492.0 |
| 132.5° | 467.4 | 469.3 | 474.0 | 476.9 | 481.6 | 484.4 | 487.3 | 492.9 | 501.4 | 508.0 | 515.6 |
| 135°   | 490.1 | 492.0 | 497.7 | 500.5 | 503.3 | 506.2 | 509.9 | 515.6 | 524.1 | 530.7 | 538.3 |
| 137.5° | 512.8 | 514.7 | 520.3 | 523.2 | 525.0 | 527.9 | 530.7 | 536.4 | 544.9 | 551.5 | 558.1 |
| 140°   | 533.5 | 535.4 | 539.2 | 543.0 | 544.9 | 546.8 | 549.6 | 555.3 | 562.8 | 569.4 | 576.0 |
| 142.5° | 552.4 | 554.3 | 558.1 | 561.9 | 564.7 | 564.7 | 567.5 | 572.3 | 580.8 | 587.4 | 593.0 |
| 145°   | 570.4 | 571.3 | 575.1 | 578.9 | 582.6 | 582.6 | 583.6 | 588.3 | 595.9 | 603.4 | 609.1 |
| 147.5° | 587.4 | 588.3 | 591.1 | 594.9 | 597.8 | 598.7 | 600.6 | 602.5 | 610.0 | 617.6 | 624.2 |
| 150°   | 602.5 | 603.4 | 605.3 | 609.1 | 611.0 | 612.9 | 614.7 | 615.7 | 621.4 | 628.0 | 635.5 |
| 152.5° | 615.7 | 616.6 | 618.5 | 621.4 | 623.2 | 625.1 | 627.0 | 629.9 | 632.7 | 639.3 | 644.0 |
| 155°   | 628.9 | 629.9 | 630.8 | 633.6 | 635.5 | 636.5 | 637.4 | 641.2 | 644.0 | 647.8 | 652.5 |
| 157.5° | 640.2 | 640.2 | 641.2 | 643.1 | 645.0 | 645.0 | 645.9 | 649.7 | 652.5 | 656.3 | 659.1 |
| 160°   | 649.7 | 649.7 | 650.6 | 652.5 | 652.5 | 653.5 | 654.4 | 657.2 | 659.1 | 663.9 | 667.6 |
| 162.5° | 658.2 | 657.2 | 658.2 | 659.1 | 659.1 | 659.1 | 660.1 | 662.0 | 664.8 | 668.6 | 672.4 |
| 165°   | 664.8 | 664.8 | 664.8 | 665.7 | 665.7 | 664.8 | 664.8 | 666.7 | 668.6 | 671.4 | 674.2 |
| 167.5° | 670.5 | 670.5 | 669.5 | 670.5 | 669.5 | 669.5 | 668.6 | 669.5 | 670.5 | 673.3 | 675.2 |
| 170°   | 675.2 | 674.2 | 674.2 | 674.2 | 673.3 | 672.4 | 672.4 | 672.4 | 672.4 | 674.2 | 676.1 |
| 172.5° | 679.0 | 678.0 | 677.1 | 677.1 | 675.2 | 674.2 | 674.2 | 673.3 | 673.3 | 674.2 | 675.2 |
| 175°   | 679.9 | 679.0 | 678.0 | 678.0 | 676.1 | 675.2 | 674.2 | 674.2 | 673.3 | 674.2 | 675.2 |
| 177.5° | 681.8 | 680.9 | 679.0 | 679.0 | 677.1 | 675.2 | 675.2 | 674.2 | 673.3 | 674.2 | 674.2 |
| 180°   | 672.4 | 672.4 | 672.4 | 672.4 | 672.4 | 672.4 | 672.4 | 672.4 | 672.4 | 672.4 | 672.4 |



TEST NUMBER: P395562

CATALOG NUMBER: I3-FL-40L92765-1D-UNV-W2A-W-4 (6500K)

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 376.8 | 376.8 | 376.8 | 376.8 | 376.8 | 376.8 | 376.8 | 376.8 | 376.8 | 376.8 |
| 2.5°   | 378.7 | 378.7 | 377.7 | 376.8 | 376.8 | 375.8 | 374.9 | 373.9 | 373.0 | 372.1 |
| 5°     | 378.7 | 377.7 | 376.8 | 376.8 | 375.8 | 375.8 | 375.8 | 374.9 | 373.9 | 373.9 |
| 7.5°   | 378.7 | 378.7 | 377.7 | 376.8 | 376.8 | 376.8 | 376.8 | 376.8 | 375.8 | 375.8 |
| 10°    | 378.7 | 377.7 | 377.7 | 377.7 | 376.8 | 377.7 | 377.7 | 376.8 | 376.8 | 375.8 |
| 12.5°  | 377.7 | 377.7 | 377.7 | 377.7 | 377.7 | 377.7 | 377.7 | 377.7 | 377.7 | 376.8 |
| 15°    | 375.8 | 376.8 | 376.8 | 377.7 | 377.7 | 377.7 | 378.7 | 378.7 | 377.7 | 377.7 |
| 17.5°  | 374.9 | 375.8 | 376.8 | 377.7 | 377.7 | 377.7 | 378.7 | 378.7 | 378.7 | 378.7 |
| 20°    | 373.0 | 373.9 | 374.9 | 375.8 | 375.8 | 376.8 | 376.8 | 377.7 | 377.7 | 377.7 |
| 22.5°  | 369.2 | 370.2 | 372.1 | 373.0 | 373.9 | 374.9 | 375.8 | 375.8 | 375.8 | 375.8 |
| 25°    | 365.5 | 367.3 | 368.3 | 370.2 | 371.1 | 372.1 | 373.0 | 373.0 | 373.0 | 373.9 |
| 27.5°  | 360.7 | 362.6 | 365.5 | 366.4 | 367.3 | 368.3 | 369.2 | 370.2 | 370.2 | 370.2 |
| 30°    | 355.1 | 357.9 | 359.8 | 361.7 | 362.6 | 363.6 | 364.5 | 364.5 | 365.5 | 365.5 |
| 32.5°  | 348.5 | 351.3 | 353.2 | 355.1 | 356.0 | 357.0 | 358.8 | 358.8 | 359.8 | 359.8 |
| 35°    | 340.0 | 342.8 | 345.6 | 347.5 | 348.5 | 349.4 | 351.3 | 352.2 | 352.2 | 352.2 |
| 37.5°  | 331.5 | 334.3 | 337.1 | 340.0 | 340.9 | 341.8 | 343.7 | 343.7 | 344.7 | 344.7 |
| 40°    | 321.1 | 323.9 | 326.7 | 329.6 | 329.6 | 331.5 | 332.4 | 333.3 | 334.3 | 334.3 |
| 42.5°  | 310.7 | 313.5 | 315.4 | 318.2 | 319.2 | 320.1 | 321.1 | 323.0 | 323.0 | 323.9 |
| 45°    | 298.4 | 301.2 | 303.1 | 306.0 | 306.9 | 307.8 | 309.7 | 310.7 | 311.6 | 311.6 |
| 47.5°  | 285.2 | 287.1 | 289.0 | 291.8 | 293.7 | 294.6 | 295.6 | 296.5 | 297.5 | 296.5 |
| 50°    | 270.1 | 272.0 | 274.8 | 277.6 | 278.6 | 279.5 | 281.4 | 281.4 | 282.4 | 282.4 |
| 52.5°  | 254.0 | 256.9 | 258.7 | 261.6 | 262.5 | 263.5 | 265.4 | 265.4 | 266.3 | 266.3 |
| 55°    | 236.1 | 238.0 | 239.9 | 244.6 | 245.5 | 246.5 | 248.4 | 248.4 | 249.3 | 250.2 |
| 57.5°  | 219.1 | 220.0 | 222.9 | 224.7 | 226.6 | 226.6 | 227.6 | 228.5 | 229.5 | 229.5 |
| 60°    | 201.1 | 202.1 | 204.0 | 206.8 | 206.8 | 207.7 | 209.6 | 209.6 | 210.6 | 210.6 |
| 62.5°  | 182.3 | 184.1 | 186.0 | 188.9 | 187.9 | 188.9 | 190.8 | 190.8 | 191.7 | 191.7 |
| 65°    | 163.4 | 164.3 | 166.2 | 168.1 | 169.0 | 169.0 | 170.0 | 170.9 | 171.9 | 171.9 |
| 67.5°  | 143.5 | 145.4 | 146.4 | 149.2 | 148.3 | 149.2 | 150.1 | 150.1 | 151.1 | 151.1 |
| 70°    | 124.6 | 125.6 | 127.5 | 128.4 | 128.4 | 129.4 | 130.3 | 130.3 | 130.3 | 131.3 |
| 72.5°  | 105.8 | 106.7 | 107.7 | 108.6 | 108.6 | 109.5 | 110.5 | 110.5 | 111.4 | 111.4 |
| 75°    | 85.9  | 87.8  | 88.8  | 90.7  | 89.7  | 90.7  | 92.5  | 92.5  | 92.5  | 92.5  |
| 77.5°  | 68.9  | 69.9  | 71.8  | 72.7  | 72.7  | 72.7  | 74.6  | 73.7  | 74.6  | 74.6  |
| 80°    | 51.9  | 52.9  | 54.8  | 55.7  | 55.7  | 56.7  | 57.6  | 57.6  | 57.6  | 58.5  |
| 82.5°  | 36.8  | 38.7  | 40.6  | 41.5  | 41.5  | 42.5  | 43.4  | 43.4  | 44.4  | 44.4  |
| 85°    | 25.5  | 27.4  | 29.3  | 29.3  | 30.2  | 31.2  | 32.1  | 32.1  | 32.1  | 32.1  |
| 87.5°  | 17.0  | 17.9  | 18.9  | 19.8  | 20.8  | 20.8  | 21.7  | 21.7  | 22.7  | 22.7  |
| 90°    | 9.4   | 10.4  | 11.3  | 12.3  | 12.3  | 13.2  | 13.2  | 14.2  | 14.2  | 14.2  |
| 92.5°  | 13.2  | 13.2  | 14.2  | 15.1  | 15.1  | 15.1  | 15.1  | 16.1  | 16.1  | 16.1  |
| 95°    | 28.3  | 29.3  | 29.3  | 31.2  | 31.2  | 31.2  | 32.1  | 32.1  | 32.1  | 32.1  |
| 97.5°  | 54.8  | 54.8  | 54.8  | 56.7  | 56.7  | 56.7  | 57.6  | 57.6  | 57.6  | 58.5  |
| 100°   | 85.9  | 86.9  | 86.9  | 89.7  | 88.8  | 90.7  | 90.7  | 90.7  | 90.7  | 91.6  |
| 102.5° | 120.9 | 122.8 | 123.7 | 126.5 | 126.5 | 126.5 | 128.4 | 127.5 | 128.4 | 128.4 |
| 105°   | 158.6 | 160.5 | 161.5 | 164.3 | 166.2 | 166.2 | 168.1 | 167.1 | 168.1 | 169.0 |
| 107.5° | 196.4 | 199.3 | 201.1 | 204.0 | 205.9 | 206.8 | 206.8 | 207.7 | 208.7 | 209.6 |
| 110°   | 235.1 | 238.0 | 242.7 | 245.5 | 246.5 | 248.4 | 249.3 | 250.2 | 251.2 | 253.1 |





TEST NUMBER: P395562

CATALOG NUMBER: I3-FL-40L92765-1D-UNV-W2A-W-4 (6500K)

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 275.7 | 278.6 | 282.4 | 286.1 | 285.2 | 288.0 | 289.9 | 290.8 | 291.8 | 290.8 |
| 115°   | 312.6 | 316.3 | 320.1 | 323.9 | 323.9 | 325.8 | 329.6 | 330.5 | 330.5 | 332.4 |
| 117.5° | 347.5 | 352.2 | 356.0 | 359.8 | 360.7 | 362.6 | 365.5 | 368.3 | 368.3 | 370.2 |
| 120°   | 381.5 | 387.2 | 390.9 | 394.7 | 396.6 | 397.6 | 400.4 | 404.2 | 404.2 | 404.2 |
| 122.5° | 413.6 | 418.3 | 423.1 | 426.8 | 428.7 | 430.6 | 432.5 | 437.2 | 437.2 | 439.1 |
| 125°   | 443.8 | 449.5 | 454.2 | 458.0 | 459.9 | 461.8 | 465.5 | 468.4 | 469.3 | 469.3 |
| 127.5° | 472.2 | 477.8 | 482.5 | 487.3 | 488.2 | 490.1 | 493.9 | 497.7 | 498.6 | 499.5 |
| 130°   | 498.6 | 504.3 | 509.0 | 513.7 | 515.6 | 516.5 | 521.3 | 524.1 | 526.0 | 526.9 |
| 132.5° | 522.2 | 527.9 | 532.6 | 537.3 | 539.2 | 541.1 | 543.9 | 548.6 | 549.6 | 549.6 |
| 135°   | 543.9 | 549.6 | 554.3 | 560.0 | 560.9 | 562.8 | 566.6 | 569.4 | 571.3 | 572.3 |
| 137.5° | 563.8 | 569.4 | 575.1 | 579.8 | 581.7 | 582.6 | 586.4 | 590.2 | 592.1 | 593.0 |
| 140°   | 581.7 | 587.4 | 593.0 | 596.8 | 597.8 | 600.6 | 603.4 | 607.2 | 609.1 | 610.0 |
| 142.5° | 598.7 | 603.4 | 608.1 | 612.9 | 613.8 | 615.7 | 618.5 | 622.3 | 624.2 | 625.1 |
| 145°   | 613.8 | 618.5 | 622.3 | 626.1 | 627.0 | 628.9 | 631.7 | 634.6 | 636.5 | 637.4 |
| 147.5° | 628.0 | 631.7 | 635.5 | 638.4 | 639.3 | 641.2 | 643.1 | 645.0 | 646.9 | 647.8 |
| 150°   | 640.2 | 642.1 | 645.9 | 647.8 | 648.7 | 650.6 | 652.5 | 654.4 | 656.3 | 657.2 |
| 152.5° | 649.7 | 652.5 | 654.4 | 657.2 | 658.2 | 659.1 | 661.0 | 662.9 | 664.8 | 664.8 |
| 155°   | 657.2 | 660.1 | 662.0 | 664.8 | 665.7 | 666.7 | 668.6 | 669.5 | 671.4 | 671.4 |
| 157.5° | 662.9 | 665.7 | 667.6 | 669.5 | 670.5 | 671.4 | 672.4 | 674.2 | 676.1 | 676.1 |
| 160°   | 669.5 | 670.5 | 671.4 | 673.3 | 673.3 | 674.2 | 675.2 | 676.1 | 678.0 | 678.0 |
| 162.5° | 675.2 | 676.1 | 674.2 | 675.2 | 674.2 | 675.2 | 676.1 | 677.1 | 678.0 | 678.0 |
| 165°   | 677.1 | 679.0 | 678.0 | 679.0 | 679.0 | 679.0 | 679.0 | 679.9 | 679.9 | 679.9 |
| 167.5° | 677.1 | 679.0 | 678.0 | 678.0 | 679.0 | 679.0 | 679.9 | 680.9 | 680.9 | 680.9 |
| 170°   | 677.1 | 678.0 | 677.1 | 676.1 | 677.1 | 677.1 | 677.1 | 678.0 | 678.0 | 678.0 |
| 172.5° | 676.1 | 677.1 | 675.2 | 674.2 | 674.2 | 674.2 | 673.3 | 673.3 | 672.4 | 672.4 |
| 175°   | 675.2 | 675.2 | 673.3 | 672.4 | 672.4 | 672.4 | 670.5 | 669.5 | 668.6 | 667.6 |
| 177.5° | 674.2 | 674.2 | 671.4 | 670.5 | 670.5 | 669.5 | 669.5 | 667.6 | 667.6 | 666.7 |
| 180°   | 672.4 | 672.4 | 672.4 | 672.4 | 672.4 | 672.4 | 672.4 | 672.4 | 672.4 | 672.4 |

(END OF REPORT)