

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: P395713

Luminaire Tested: **I3-UL-40L92765-1D-UNV-W2A-W-4 (3500K)**

Issue Date: 5/6/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P395713  
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-40L92765-1D-UNV-W2A-W-4 (3500K)  
Description: CORELITE I3, OPEN TOP  
4000 LUMENS, VIVIDTUNE TUNABLE WHITE  
Light Source: 2700K/6500K CCT, 90 CRI LEDS, TUNED TO 3500K CCT  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3456.4 lumens  
Efficiency: N/A  
Efficacy: 123.4 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

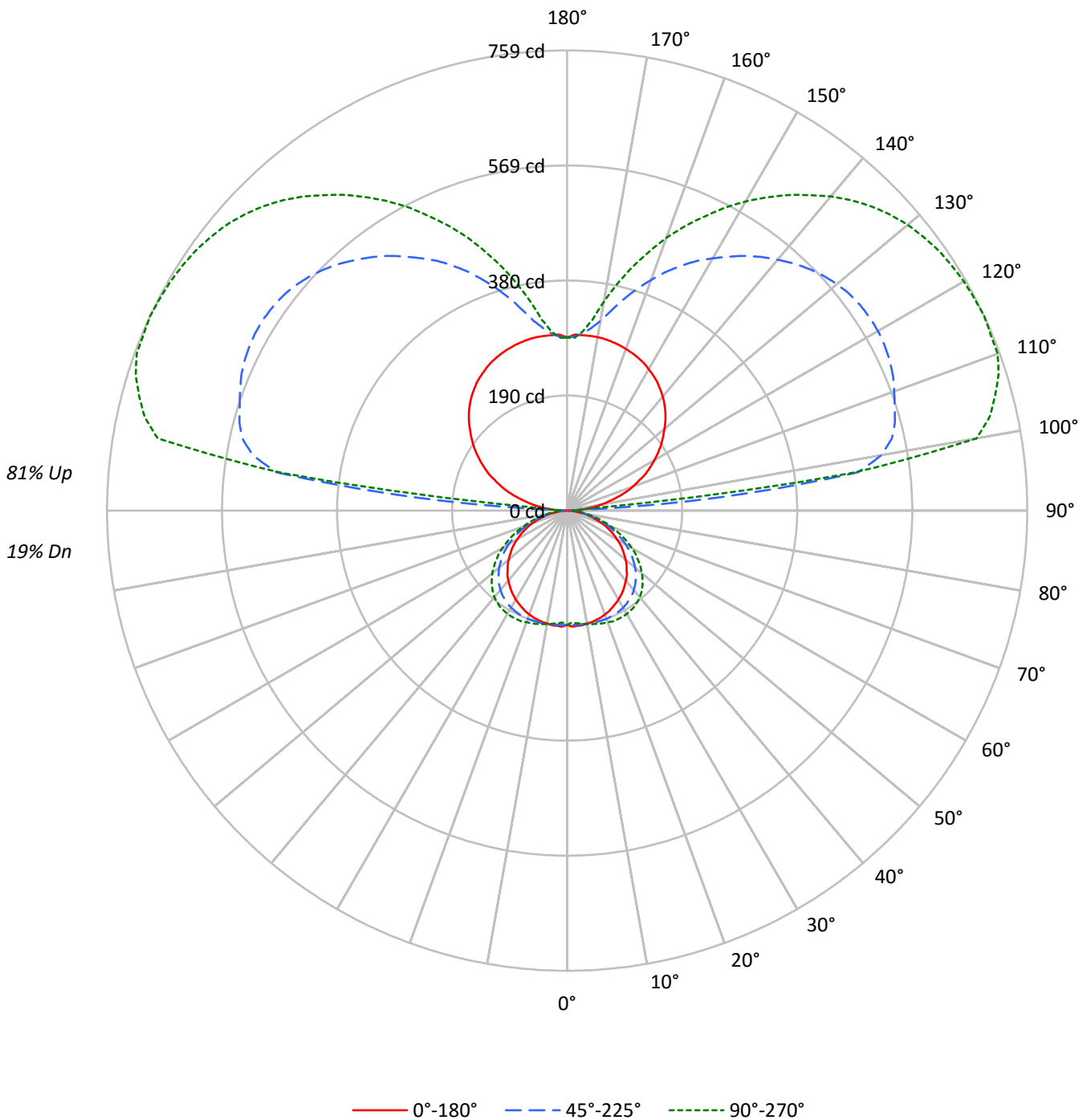
Input Watts (W): 28  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P395713

CATALOG NUMBER: I3-UL-40L92765-1D-UNV-W2A-W-4 (3500K)

### Luminous Intensity Polar Plot





TEST NUMBER: P395713

CATALOG NUMBER: I3-UL-40L92765-1D-UNV-W2A-W-4 (3500K)

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

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

|     | 0°   | 45°  | 90°  |
|-----|------|------|------|
| 0°  | 1035 | 1035 | 1035 |
| 5°  | 1049 | 1020 | 1000 |
| 10° | 1048 | 1013 | 1002 |
| 15° | 1050 | 1009 | 1010 |
| 20° | 1050 | 1013 | 1022 |
| 25° | 1048 | 1016 | 1037 |
| 30° | 1050 | 1017 | 1047 |
| 35° | 1049 | 1012 | 1052 |
| 40° | 1045 | 1004 | 1046 |
| 45° | 1035 | 983  | 1023 |
| 50° | 1026 | 951  | 985  |
| 55° | 1008 | 905  | 929  |
| 60° | 977  | 840  | 855  |
| 65° | 934  | 748  | 762  |
| 70° | 882  | 649  | 643  |
| 75° | 764  | 509  | 516  |
| 80° | 609  | 366  | 373  |
| 85° | 361  | 212  | 245  |



TEST NUMBER: P395713

CATALOG NUMBER: I3-UL-40L92765-1D-UNV-W2A-W-4 (3500K)

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 18.0   | 0.5       |
| 10°-20°   | 53.7   | 1.6       |
| 20°-30°   | 86.4   | 2.5       |
| 30°-40°   | 111.2  | 3.2       |
| 40°-50°   | 122.1  | 3.5       |
| 50°-60°   | 114.8  | 3.3       |
| 60°-70°   | 89.2   | 2.6       |
| 70°-80°   | 51.2   | 1.5       |
| 80°-90°   | 16.4   | 0.5       |
| 90°-100°  | 221.0  | 6.4       |
| 100°-110° | 525.1  | 15.2      |
| 110°-120° | 527.4  | 15.3      |
| 120°-130° | 483.7  | 14.0      |
| 130°-140° | 404.5  | 11.7      |
| 140°-150° | 303.6  | 8.8       |
| 150°-160° | 197.6  | 5.7       |
| 160°-170° | 101.8  | 2.9       |
| 170°-180° | 28.8   | 0.8       |
| 0°-30°    | 158.1  | 4.6       |
| 0°-40°    | 269.3  | 7.8       |
| 0°-60°    | 506.3  | 14.6      |
| 0°-90°    | 663.0  | 19.2      |
| 90°-120°  | 1273.5 | 36.8      |
| 90°-150°  | 2465.2 | 71.3      |
| 90°-180°  | 2793.0 | 80.8      |
| 0°-180°   | 3456.4 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|-----|-------|-----|------|
| 0°   | 188 | 188   | 188 | 188   | 188 |      |
| 5°   | 191 | 189   | 189 | 188   | 187 | 18   |
| 15°  | 187 | 186   | 190 | 192   | 193 | 53   |
| 25°  | 176 | 178   | 188 | 195   | 198 | 81   |
| 35°  | 161 | 165   | 179 | 190   | 193 | 101  |
| 45°  | 139 | 146   | 160 | 172   | 176 | 107  |
| 55°  | 112 | 118   | 130 | 140   | 143 | 99   |
| 65°  | 78  | 83    | 90  | 98    | 100 | 78   |
| 75°  | 42  | 43    | 48  | 53    | 54  | 44   |
| 85°  | 8   | 10    | 14  | 18    | 19  | 10   |
| 90°  | 1   | 3     | 5   | 8     | 8   | 3    |
| 95°  | 30  | 247   | 254 | 34    | 29  | 30   |
| 105° | 86  | 331   | 560 | 690   | 731 | 91   |
| 115° | 142 | 373   | 587 | 714   | 759 | 140  |
| 125° | 189 | 389   | 590 | 707   | 748 | 169  |
| 135° | 229 | 388   | 564 | 670   | 710 | 177  |
| 145° | 259 | 371   | 513 | 602   | 636 | 162  |
| 155° | 278 | 341   | 446 | 510   | 535 | 128  |
| 165° | 288 | 308   | 361 | 400   | 416 | 81   |
| 175° | 290 | 290   | 293 | 296   | 296 | 28   |
| 180° | 285 | 285   | 285 | 285   | 285 |      |



TEST NUMBER: P395713

CATALOG NUMBER: I3-UL-40L92765-1D-UNV-W2A-W-4 (3500K)

**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 188.3 | 188.3 | 188.3 | 188.3 | 188.3 | 188.3 | 188.3 | 188.3 | 188.3 | 188.3 | 188.3 |
| 2.5°   | 191.7 | 190.8 | 190.0 | 190.0 | 189.1 | 189.1 | 189.1 | 188.3 | 188.3 | 188.3 | 189.1 |
| 5°     | 190.8 | 190.8 | 190.0 | 189.1 | 189.1 | 189.1 | 188.3 | 188.3 | 188.3 | 188.3 | 189.1 |
| 7.5°   | 190.8 | 190.0 | 189.1 | 189.1 | 188.3 | 188.3 | 188.3 | 188.3 | 188.3 | 188.3 | 189.1 |
| 10°    | 189.1 | 189.1 | 188.3 | 188.3 | 187.4 | 188.3 | 188.3 | 188.3 | 188.3 | 188.3 | 190.0 |
| 12.5°  | 188.3 | 188.3 | 187.4 | 186.6 | 186.6 | 186.6 | 187.4 | 187.4 | 187.4 | 188.3 | 190.0 |
| 15°    | 186.6 | 186.6 | 185.7 | 185.7 | 185.7 | 185.7 | 186.6 | 186.6 | 187.4 | 188.3 | 190.0 |
| 17.5°  | 184.8 | 184.8 | 184.0 | 184.0 | 184.0 | 184.8 | 184.8 | 185.7 | 186.6 | 188.3 | 190.0 |
| 20°    | 182.3 | 182.3 | 182.3 | 182.3 | 182.3 | 183.1 | 183.1 | 184.0 | 185.7 | 187.4 | 190.0 |
| 22.5°  | 179.7 | 179.7 | 179.7 | 179.7 | 179.7 | 180.6 | 181.4 | 183.1 | 184.0 | 186.6 | 189.1 |
| 25°    | 176.3 | 176.3 | 176.3 | 176.3 | 177.2 | 178.0 | 178.9 | 180.6 | 182.3 | 184.8 | 188.3 |
| 27.5°  | 172.9 | 173.8 | 173.8 | 173.8 | 174.6 | 175.5 | 176.3 | 178.0 | 180.6 | 184.0 | 186.6 |
| 30°    | 169.5 | 169.5 | 169.5 | 170.4 | 171.2 | 172.1 | 173.8 | 175.5 | 178.0 | 181.4 | 184.8 |
| 32.5°  | 165.3 | 165.3 | 166.1 | 166.1 | 167.8 | 168.7 | 170.4 | 172.9 | 175.5 | 178.9 | 182.3 |
| 35°    | 161.0 | 161.0 | 161.0 | 162.7 | 163.6 | 165.3 | 166.1 | 168.7 | 172.1 | 175.5 | 178.9 |
| 37.5°  | 155.9 | 156.7 | 156.7 | 157.6 | 159.3 | 161.0 | 161.8 | 165.3 | 168.7 | 172.1 | 175.5 |
| 40°    | 150.8 | 151.6 | 151.6 | 152.5 | 155.0 | 155.9 | 157.6 | 161.0 | 163.6 | 167.8 | 171.2 |
| 42.5°  | 145.7 | 145.7 | 146.5 | 147.4 | 149.9 | 150.8 | 152.5 | 155.9 | 159.3 | 162.7 | 166.1 |
| 45°    | 138.8 | 139.7 | 140.6 | 141.4 | 144.0 | 145.7 | 147.4 | 149.9 | 153.3 | 156.7 | 160.1 |
| 47.5°  | 132.9 | 132.9 | 133.7 | 135.4 | 138.0 | 139.7 | 140.6 | 144.0 | 146.5 | 149.9 | 153.3 |
| 50°    | 126.1 | 126.9 | 126.9 | 128.6 | 131.2 | 132.9 | 133.7 | 137.1 | 139.7 | 143.1 | 146.5 |
| 52.5°  | 118.4 | 119.3 | 120.1 | 121.8 | 124.4 | 126.1 | 126.9 | 129.5 | 132.0 | 135.4 | 138.0 |
| 55°    | 111.6 | 112.4 | 112.4 | 114.1 | 116.7 | 117.6 | 119.3 | 121.0 | 124.4 | 126.9 | 130.3 |
| 57.5°  | 103.9 | 104.8 | 104.8 | 106.5 | 108.2 | 109.9 | 110.7 | 113.3 | 115.8 | 118.4 | 121.0 |
| 60°    | 95.4  | 96.3  | 97.1  | 98.0  | 99.7  | 101.4 | 102.2 | 103.9 | 106.5 | 109.0 | 111.6 |
| 62.5°  | 86.9  | 87.7  | 88.6  | 89.4  | 91.1  | 92.0  | 92.8  | 95.4  | 97.1  | 99.7  | 101.4 |
| 65°    | 78.4  | 79.2  | 80.1  | 80.9  | 81.8  | 82.6  | 83.5  | 85.2  | 86.9  | 89.4  | 90.3  |
| 67.5°  | 69.9  | 70.7  | 70.7  | 71.6  | 72.4  | 73.3  | 74.1  | 75.8  | 76.7  | 79.2  | 80.1  |
| 70°    | 61.3  | 61.3  | 61.3  | 62.2  | 62.2  | 63.0  | 63.9  | 65.6  | 66.4  | 68.1  | 69.9  |
| 72.5°  | 51.1  | 52.0  | 52.0  | 52.0  | 52.8  | 53.7  | 54.5  | 55.4  | 56.2  | 57.1  | 58.8  |
| 75°    | 41.7  | 42.6  | 41.7  | 42.6  | 43.4  | 43.4  | 44.3  | 45.1  | 46.0  | 46.9  | 47.7  |
| 77.5°  | 33.2  | 32.4  | 33.2  | 33.2  | 34.1  | 34.1  | 34.1  | 34.9  | 36.6  | 36.6  | 38.3  |
| 80°    | 23.9  | 23.9  | 23.9  | 23.9  | 24.7  | 24.7  | 25.6  | 25.6  | 27.3  | 28.1  | 29.0  |
| 82.5°  | 15.3  | 15.3  | 16.2  | 16.2  | 16.2  | 17.0  | 17.0  | 17.9  | 18.7  | 19.6  | 20.4  |
| 85°    | 8.5   | 8.5   | 8.5   | 9.4   | 9.4   | 10.2  | 10.2  | 11.1  | 11.9  | 12.8  | 13.6  |
| 87.5°  | 2.6   | 3.4   | 4.3   | 4.3   | 5.1   | 5.1   | 6.0   | 6.0   | 7.7   | 8.5   | 9.4   |
| 90°    | 0.9   | 0.9   | 1.7   | 1.7   | 1.7   | 2.6   | 2.6   | 3.4   | 3.4   | 4.3   | 5.1   |
| 92.5°  | 14.5  | 34.1  | 70.7  | 105.6 | 91.1  | 85.2  | 51.1  | 15.3  | 13.6  | 14.5  | 14.5  |
| 95°    | 29.8  | 56.2  | 103.1 | 167.0 | 216.4 | 247.0 | 267.5 | 306.7 | 346.7 | 339.9 | 253.8 |
| 97.5°  | 43.4  | 72.4  | 124.4 | 183.1 | 251.3 | 286.2 | 312.6 | 359.5 | 410.6 | 453.2 | 483.8 |
| 100°   | 57.1  | 86.9  | 142.3 | 203.6 | 266.6 | 298.1 | 328.8 | 392.7 | 443.0 | 485.5 | 526.4 |
| 102.5° | 71.6  | 101.4 | 158.4 | 222.3 | 284.5 | 315.2 | 345.0 | 401.2 | 457.4 | 508.5 | 548.6 |
| 105°   | 86.0  | 116.7 | 172.9 | 238.5 | 300.7 | 331.4 | 360.3 | 414.0 | 466.0 | 513.7 | 559.7 |
| 107.5° | 101.4 | 130.3 | 185.7 | 251.3 | 313.5 | 344.1 | 373.1 | 426.8 | 477.0 | 524.7 | 566.5 |
| 110°   | 115.0 | 143.1 | 198.5 | 263.2 | 325.4 | 356.1 | 385.0 | 438.7 | 488.1 | 533.2 | 574.1 |



TEST NUMBER: P395713

CATALOG NUMBER: I3-UL-40L92765-1D-UNV-W2A-W-4 (3500K)

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 127.8 | 155.0 | 210.4 | 273.4 | 334.8 | 365.4 | 393.5 | 447.2 | 496.6 | 540.9 | 581.8 |
| 115°   | 142.3 | 166.1 | 222.3 | 282.8 | 343.3 | 373.1 | 401.2 | 454.0 | 503.4 | 546.9 | 586.9 |
| 117.5° | 154.2 | 177.2 | 232.6 | 290.5 | 350.1 | 379.1 | 406.3 | 459.1 | 507.7 | 551.1 | 590.3 |
| 120°   | 166.1 | 187.4 | 241.9 | 297.3 | 355.2 | 383.3 | 410.6 | 462.5 | 511.1 | 553.7 | 592.0 |
| 122.5° | 178.0 | 197.6 | 249.6 | 304.1 | 359.5 | 387.6 | 414.0 | 465.1 | 512.8 | 554.5 | 592.0 |
| 125°   | 189.1 | 206.1 | 256.4 | 309.2 | 362.0 | 389.3 | 414.8 | 465.1 | 512.0 | 552.8 | 590.3 |
| 127.5° | 199.3 | 215.5 | 261.5 | 314.3 | 363.7 | 390.1 | 414.8 | 463.4 | 510.2 | 550.3 | 586.9 |
| 130°   | 209.6 | 224.0 | 266.6 | 316.9 | 365.4 | 389.3 | 413.1 | 460.0 | 506.0 | 546.0 | 580.9 |
| 132.5° | 219.8 | 233.4 | 270.9 | 319.4 | 366.3 | 389.3 | 411.4 | 456.6 | 500.9 | 540.1 | 573.3 |
| 135°   | 229.1 | 240.2 | 275.1 | 321.1 | 365.4 | 387.6 | 408.0 | 450.6 | 493.2 | 531.5 | 563.9 |
| 137.5° | 237.7 | 247.0 | 278.5 | 322.0 | 364.6 | 385.0 | 405.5 | 443.8 | 483.8 | 521.3 | 552.8 |
| 140°   | 245.3 | 253.8 | 280.3 | 322.0 | 361.2 | 381.6 | 400.4 | 437.0 | 473.6 | 509.4 | 540.1 |
| 142.5° | 252.1 | 259.8 | 282.8 | 320.3 | 357.8 | 377.4 | 395.2 | 430.2 | 463.4 | 497.5 | 527.3 |
| 145°   | 259.0 | 264.9 | 284.5 | 319.4 | 353.5 | 371.4 | 388.4 | 421.7 | 454.0 | 484.7 | 512.8 |
| 147.5° | 264.1 | 270.0 | 286.2 | 316.0 | 348.4 | 364.6 | 380.8 | 412.3 | 442.1 | 471.1 | 496.6 |
| 150°   | 269.2 | 274.3 | 287.1 | 312.6 | 342.4 | 356.9 | 371.4 | 401.2 | 430.2 | 456.6 | 480.4 |
| 152.5° | 274.3 | 277.7 | 289.6 | 309.2 | 335.6 | 349.3 | 363.7 | 390.1 | 416.5 | 441.2 | 464.2 |
| 155°   | 277.7 | 280.3 | 290.5 | 305.8 | 328.8 | 340.7 | 352.7 | 377.4 | 401.2 | 424.2 | 445.5 |
| 157.5° | 281.1 | 283.7 | 291.3 | 303.3 | 321.1 | 332.2 | 342.4 | 363.7 | 385.9 | 406.3 | 425.9 |
| 160°   | 283.7 | 285.4 | 291.3 | 301.5 | 314.3 | 322.0 | 331.4 | 351.0 | 369.7 | 387.6 | 404.6 |
| 162.5° | 286.2 | 287.1 | 291.3 | 299.0 | 308.4 | 313.5 | 320.3 | 335.6 | 352.7 | 368.0 | 383.3 |
| 165°   | 287.9 | 288.8 | 291.3 | 297.3 | 303.3 | 307.5 | 310.9 | 322.0 | 334.8 | 348.4 | 361.2 |
| 167.5° | 289.6 | 289.6 | 291.3 | 295.6 | 299.0 | 301.5 | 304.1 | 310.1 | 318.6 | 328.8 | 338.2 |
| 170°   | 290.5 | 290.5 | 291.3 | 293.9 | 296.4 | 297.3 | 299.0 | 302.4 | 306.7 | 311.8 | 317.7 |
| 172.5° | 290.5 | 290.5 | 290.5 | 292.2 | 293.0 | 293.0 | 293.0 | 294.7 | 297.3 | 300.7 | 303.3 |
| 175°   | 290.5 | 289.6 | 289.6 | 290.5 | 289.6 | 289.6 | 289.6 | 289.6 | 290.5 | 292.2 | 293.0 |
| 177.5° | 290.5 | 289.6 | 288.8 | 288.8 | 287.9 | 287.9 | 287.1 | 287.1 | 287.1 | 287.1 | 287.1 |
| 180°   | 285.4 | 285.4 | 285.4 | 285.4 | 285.4 | 285.4 | 285.4 | 285.4 | 285.4 | 285.4 | 285.4 |



TEST NUMBER: P395713

CATALOG NUMBER: I3-UL-40L92765-1D-UNV-W2A-W-4 (3500K)

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 188.3 | 188.3 | 188.3 | 188.3 | 188.3 | 188.3 | 188.3 | 188.3 | 188.3 | 188.3 |
| 2.5°   | 189.1 | 189.1 | 188.3 | 187.4 | 187.4 | 187.4 | 186.6 | 185.7 | 184.8 | 184.8 |
| 5°     | 189.1 | 189.1 | 188.3 | 188.3 | 188.3 | 188.3 | 187.4 | 187.4 | 186.6 | 186.6 |
| 7.5°   | 190.0 | 189.1 | 189.1 | 189.1 | 189.1 | 189.1 | 189.1 | 189.1 | 188.3 | 188.3 |
| 10°    | 190.0 | 190.0 | 190.0 | 190.0 | 190.0 | 190.0 | 190.0 | 190.0 | 190.0 | 190.0 |
| 12.5°  | 190.8 | 190.8 | 190.8 | 190.8 | 191.7 | 191.7 | 191.7 | 191.7 | 191.7 | 191.7 |
| 15°    | 190.8 | 191.7 | 192.5 | 192.5 | 192.5 | 193.4 | 193.4 | 193.4 | 193.4 | 193.4 |
| 17.5°  | 191.7 | 192.5 | 193.4 | 193.4 | 194.2 | 194.2 | 195.1 | 195.1 | 195.1 | 195.1 |
| 20°    | 191.7 | 192.5 | 193.4 | 194.2 | 195.1 | 195.1 | 195.9 | 196.8 | 196.8 | 195.9 |
| 22.5°  | 190.8 | 192.5 | 193.4 | 194.2 | 195.1 | 195.9 | 196.8 | 197.6 | 197.6 | 197.6 |
| 25°    | 190.0 | 191.7 | 193.4 | 195.1 | 195.1 | 195.9 | 197.6 | 197.6 | 197.6 | 197.6 |
| 27.5°  | 189.1 | 190.8 | 192.5 | 194.2 | 195.1 | 195.9 | 196.8 | 197.6 | 197.6 | 197.6 |
| 30°    | 187.4 | 190.0 | 191.7 | 193.4 | 194.2 | 195.1 | 195.9 | 196.8 | 196.8 | 196.8 |
| 32.5°  | 184.8 | 187.4 | 189.1 | 191.7 | 192.5 | 193.4 | 194.2 | 195.1 | 195.1 | 195.1 |
| 35°    | 182.3 | 184.8 | 186.6 | 189.1 | 190.0 | 190.8 | 192.5 | 192.5 | 193.4 | 193.4 |
| 37.5°  | 178.0 | 181.4 | 183.1 | 185.7 | 186.6 | 187.4 | 189.1 | 190.0 | 190.0 | 190.0 |
| 40°    | 173.8 | 177.2 | 178.9 | 181.4 | 182.3 | 183.1 | 184.8 | 185.7 | 186.6 | 186.6 |
| 42.5°  | 168.7 | 172.1 | 173.8 | 176.3 | 177.2 | 178.0 | 179.7 | 180.6 | 181.4 | 181.4 |
| 45°    | 163.6 | 166.1 | 167.8 | 170.4 | 172.1 | 172.1 | 173.8 | 174.6 | 175.5 | 175.5 |
| 47.5°  | 156.7 | 159.3 | 161.0 | 163.6 | 165.3 | 166.1 | 167.0 | 167.8 | 168.7 | 168.7 |
| 50°    | 149.1 | 151.6 | 154.2 | 155.9 | 157.6 | 157.6 | 159.3 | 160.1 | 161.0 | 161.0 |
| 52.5°  | 141.4 | 143.1 | 145.7 | 148.2 | 149.1 | 149.9 | 150.8 | 151.6 | 152.5 | 152.5 |
| 55°    | 132.9 | 134.6 | 137.1 | 138.8 | 139.7 | 140.6 | 141.4 | 142.3 | 143.1 | 143.1 |
| 57.5°  | 123.5 | 125.2 | 127.8 | 129.5 | 130.3 | 131.2 | 132.0 | 132.9 | 133.7 | 133.7 |
| 60°    | 113.3 | 115.0 | 117.6 | 119.3 | 120.1 | 120.1 | 121.8 | 122.7 | 122.7 | 122.7 |
| 62.5°  | 103.1 | 104.8 | 106.5 | 108.2 | 109.0 | 109.9 | 110.7 | 111.6 | 111.6 | 111.6 |
| 65°    | 92.8  | 94.6  | 96.3  | 97.1  | 98.0  | 98.0  | 98.8  | 99.7  | 100.5 | 100.5 |
| 67.5°  | 81.8  | 83.5  | 85.2  | 86.0  | 86.9  | 86.9  | 87.7  | 88.6  | 88.6  | 88.6  |
| 70°    | 70.7  | 71.6  | 73.3  | 74.1  | 75.0  | 75.0  | 76.7  | 76.7  | 76.7  | 76.7  |
| 72.5°  | 59.6  | 60.5  | 62.2  | 63.0  | 63.9  | 63.9  | 64.7  | 65.6  | 65.6  | 65.6  |
| 75°    | 49.4  | 50.3  | 51.1  | 52.8  | 52.8  | 52.8  | 53.7  | 54.5  | 54.5  | 54.5  |
| 77.5°  | 39.2  | 40.0  | 40.9  | 41.7  | 42.6  | 42.6  | 43.4  | 44.3  | 44.3  | 44.3  |
| 80°    | 29.8  | 30.7  | 31.5  | 32.4  | 32.4  | 33.2  | 33.2  | 34.1  | 34.1  | 34.1  |
| 82.5°  | 21.3  | 22.1  | 23.0  | 23.9  | 24.7  | 24.7  | 25.6  | 26.4  | 26.4  | 25.6  |
| 85°    | 14.5  | 16.2  | 17.0  | 17.9  | 17.9  | 17.9  | 18.7  | 19.6  | 19.6  | 18.7  |
| 87.5°  | 10.2  | 10.2  | 11.1  | 11.9  | 11.9  | 12.8  | 12.8  | 13.6  | 13.6  | 13.6  |
| 90°    | 6.0   | 6.0   | 6.8   | 6.8   | 7.7   | 7.7   | 7.7   | 8.5   | 8.5   | 8.5   |
| 92.5°  | 14.5  | 14.5  | 15.3  | 15.3  | 15.3  | 15.3  | 16.2  | 16.2  | 16.2  | 16.2  |
| 95°    | 155.0 | 69.9  | 58.8  | 35.8  | 34.1  | 29.8  | 29.0  | 29.8  | 29.8  | 29.0  |
| 97.5°  | 520.5 | 557.1 | 580.1 | 591.2 | 577.5 | 563.1 | 546.9 | 544.3 | 522.2 | 472.8 |
| 100°   | 561.4 | 590.3 | 618.4 | 638.0 | 645.7 | 652.5 | 667.8 | 677.2 | 681.5 | 685.7 |
| 102.5° | 581.8 | 612.5 | 637.2 | 661.9 | 672.1 | 681.5 | 695.1 | 706.2 | 710.4 | 713.8 |
| 105°   | 599.7 | 631.2 | 658.5 | 680.6 | 690.0 | 698.5 | 712.1 | 722.4 | 730.0 | 730.9 |
| 107.5° | 603.9 | 637.2 | 667.8 | 695.1 | 706.2 | 715.5 | 731.7 | 739.4 | 746.2 | 746.2 |
| 110°   | 611.6 | 643.1 | 671.2 | 695.9 | 707.0 | 718.1 | 735.1 | 747.1 | 753.9 | 755.6 |





TEST NUMBER: P395713

CATALOG NUMBER: I3-UL-40L92765-1D-UNV-W2A-W-4 (3500K)

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 617.6 | 649.9 | 676.4 | 701.1 | 710.4 | 720.6 | 736.8 | 747.9 | 753.9 | 756.4 |
| 115°   | 622.7 | 654.2 | 680.6 | 703.6 | 713.8 | 724.1 | 740.2 | 749.6 | 756.4 | 759.0 |
| 117.5° | 626.1 | 656.8 | 683.2 | 704.5 | 715.5 | 724.1 | 739.4 | 749.6 | 756.4 | 757.3 |
| 120°   | 626.9 | 657.6 | 683.2 | 704.5 | 713.8 | 723.2 | 738.5 | 748.8 | 755.6 | 755.6 |
| 122.5° | 626.9 | 656.8 | 682.3 | 702.8 | 711.3 | 719.8 | 734.3 | 746.2 | 752.2 | 752.2 |
| 125°   | 623.5 | 653.4 | 678.1 | 698.5 | 707.0 | 714.7 | 730.0 | 741.1 | 747.1 | 747.9 |
| 127.5° | 618.4 | 647.4 | 672.1 | 692.5 | 701.1 | 707.9 | 724.1 | 734.3 | 740.2 | 741.1 |
| 130°   | 611.6 | 640.6 | 664.4 | 684.0 | 692.5 | 700.2 | 713.8 | 724.9 | 731.7 | 733.4 |
| 132.5° | 603.9 | 631.2 | 655.1 | 673.8 | 682.3 | 689.1 | 702.8 | 713.8 | 719.8 | 722.4 |
| 135°   | 594.6 | 620.1 | 643.1 | 661.9 | 670.4 | 677.2 | 690.0 | 701.1 | 707.0 | 709.6 |
| 137.5° | 582.7 | 607.4 | 629.5 | 648.2 | 655.9 | 662.7 | 675.5 | 685.7 | 690.8 | 694.2 |
| 140°   | 569.0 | 592.0 | 615.0 | 632.1 | 639.7 | 646.5 | 657.6 | 668.7 | 673.8 | 676.4 |
| 142.5° | 554.5 | 577.5 | 598.0 | 615.0 | 621.8 | 628.7 | 639.7 | 649.9 | 655.1 | 655.9 |
| 145°   | 539.2 | 561.4 | 580.1 | 596.3 | 602.2 | 609.1 | 619.3 | 629.5 | 634.6 | 635.5 |
| 147.5° | 522.2 | 542.6 | 560.5 | 575.8 | 582.7 | 587.8 | 597.1 | 606.5 | 611.6 | 612.5 |
| 150°   | 502.6 | 521.3 | 537.5 | 552.8 | 558.8 | 563.9 | 574.1 | 582.7 | 587.8 | 588.6 |
| 152.5° | 483.8 | 501.7 | 515.4 | 529.0 | 535.0 | 540.1 | 548.6 | 557.1 | 562.2 | 563.1 |
| 155°   | 464.2 | 480.4 | 494.1 | 505.1 | 510.2 | 515.4 | 522.2 | 529.8 | 534.1 | 535.0 |
| 157.5° | 443.8 | 459.1 | 471.1 | 481.3 | 486.4 | 490.7 | 496.6 | 503.4 | 506.0 | 507.7 |
| 160°   | 421.7 | 434.4 | 444.7 | 454.9 | 459.1 | 463.4 | 469.4 | 474.5 | 477.9 | 478.7 |
| 162.5° | 397.8 | 408.9 | 417.4 | 426.8 | 429.3 | 432.7 | 438.7 | 443.8 | 446.4 | 447.2 |
| 165°   | 373.1 | 383.3 | 391.0 | 398.7 | 400.4 | 402.9 | 407.2 | 412.3 | 414.0 | 415.7 |
| 167.5° | 348.4 | 356.9 | 362.0 | 368.8 | 371.4 | 373.1 | 377.4 | 380.8 | 382.5 | 383.3 |
| 170°   | 324.5 | 330.5 | 334.8 | 339.9 | 340.7 | 343.3 | 345.8 | 349.3 | 350.1 | 350.1 |
| 172.5° | 305.8 | 308.4 | 310.9 | 312.6 | 313.5 | 314.3 | 316.0 | 316.9 | 316.9 | 316.9 |
| 175°   | 293.9 | 295.6 | 295.6 | 296.4 | 296.4 | 296.4 | 296.4 | 296.4 | 296.4 | 296.4 |
| 177.5° | 287.1 | 287.1 | 287.1 | 286.2 | 286.2 | 286.2 | 286.2 | 285.4 | 285.4 | 285.4 |
| 180°   | 285.4 | 285.4 | 285.4 | 285.4 | 285.4 | 285.4 | 285.4 | 285.4 | 285.4 | 285.4 |

(END OF REPORT)