

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: P395699

Luminaire Tested: **I3-UL-40L82765-1D-UNV-W2A-W-4 (3000K)**

Issue Date: 5/6/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P395699  
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-40L82765-1D-UNV-W2A-W-4 (3000K)  
Description: CORELITE I3, OPEN TOP  
4000 LUMENS, VIVIDTUNE TUNABLE WHITE  
Light Source: 2700K/6500K CCT, 80 CRI LEDS, TUNED TO 3000K CCT  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3811.7 lumens  
Efficiency: N/A  
Efficacy: 137.6 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

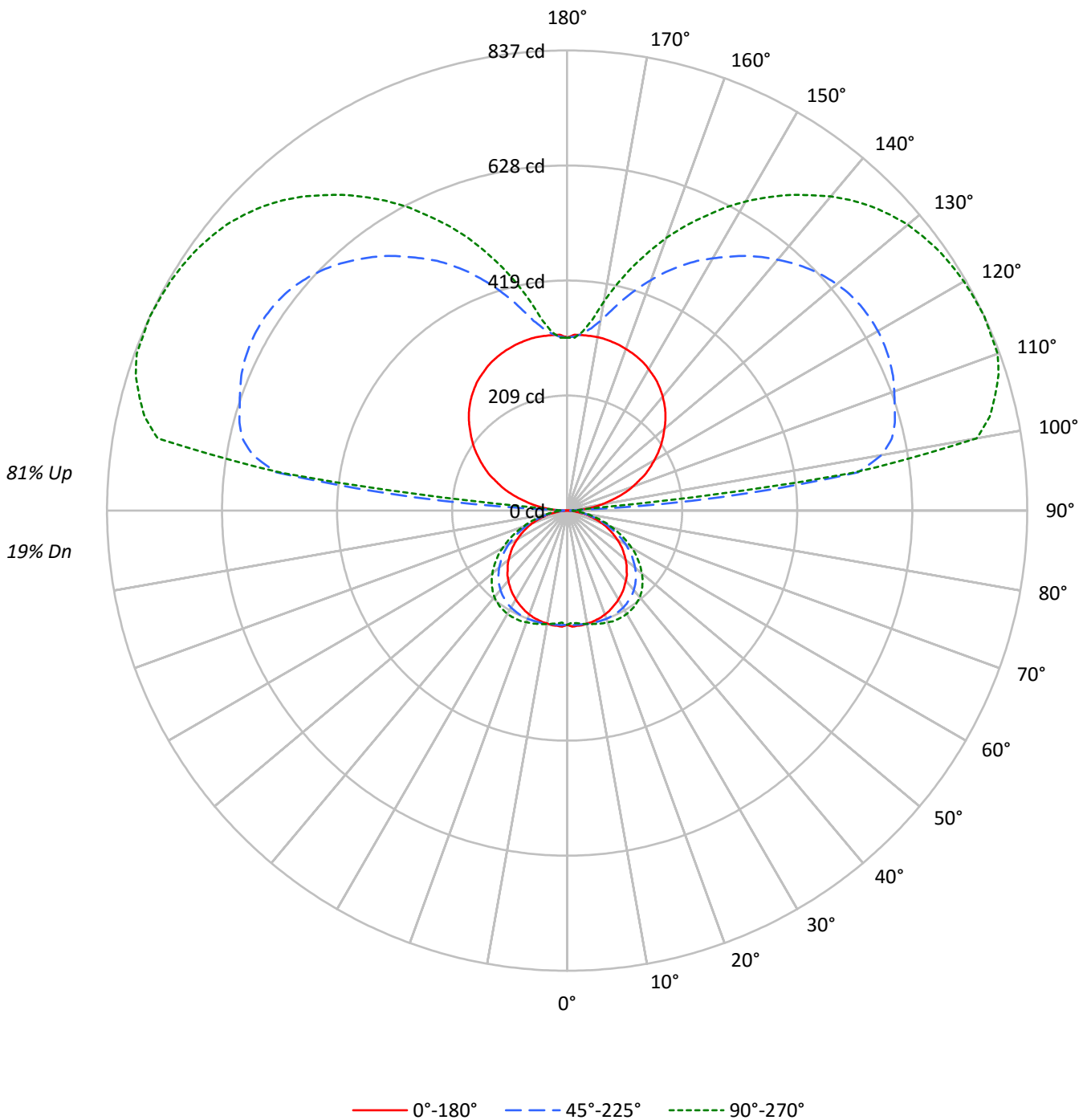
Input Watts (W): 27.7  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P395699

CATALOG NUMBER: I3-UL-40L82765-1D-UNV-W2A-W-4 (3000K)

### Luminous Intensity Polar Plot





TEST NUMBER: P395699

CATALOG NUMBER: I3-UL-40L82765-1D-UNV-W2A-W-4 (3000K)

**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°  | 1141 | 1141 | 1141 |
| 5°  | 1157 | 1124 | 1103 |
| 10° | 1155 | 1117 | 1104 |
| 15° | 1157 | 1113 | 1114 |
| 20° | 1158 | 1117 | 1127 |
| 25° | 1157 | 1120 | 1144 |
| 30° | 1158 | 1122 | 1155 |
| 35° | 1157 | 1116 | 1160 |
| 40° | 1152 | 1108 | 1153 |
| 45° | 1141 | 1084 | 1128 |
| 50° | 1131 | 1049 | 1086 |
| 55° | 1112 | 998  | 1024 |
| 60° | 1077 | 927  | 943  |
| 65° | 1030 | 825  | 840  |
| 70° | 973  | 715  | 709  |
| 75° | 843  | 561  | 569  |
| 80° | 671  | 403  | 412  |
| 85° | 399  | 234  | 271  |



TEST NUMBER: P395699

CATALOG NUMBER: I3-UL-40L82765-1D-UNV-W2A-W-4 (3000K)

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 19.9   | 0.5       |
| 10°-20°   | 59.2   | 1.6       |
| 20°-30°   | 95.3   | 2.5       |
| 30°-40°   | 122.6  | 3.2       |
| 40°-50°   | 134.7  | 3.5       |
| 50°-60°   | 126.6  | 3.3       |
| 60°-70°   | 98.4   | 2.6       |
| 70°-80°   | 56.4   | 1.5       |
| 80°-90°   | 18.1   | 0.5       |
| 90°-100°  | 243.7  | 6.4       |
| 100°-110° | 579.0  | 15.2      |
| 110°-120° | 581.7  | 15.3      |
| 120°-130° | 533.4  | 14.0      |
| 130°-140° | 446.0  | 11.7      |
| 140°-150° | 334.8  | 8.8       |
| 150°-160° | 217.9  | 5.7       |
| 160°-170° | 112.2  | 2.9       |
| 170°-180° | 31.8   | 0.8       |
| 0°-30°    | 174.4  | 4.6       |
| 0°-40°    | 297.0  | 7.8       |
| 0°-60°    | 558.3  | 14.6      |
| 0°-90°    | 731.2  | 19.2      |
| 90°-120°  | 1404.4 | 36.8      |
| 90°-150°  | 2718.7 | 71.3      |
| 90°-180°  | 3081.0 | 80.8      |
| 0°-180°   | 3811.7 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|-----|-------|-----|------|
| 0°   | 208 | 208   | 208 | 208   | 208 |      |
| 5°   | 210 | 208   | 208 | 208   | 206 | 20   |
| 15°  | 206 | 205   | 210 | 212   | 213 | 58   |
| 25°  | 194 | 196   | 208 | 215   | 218 | 90   |
| 35°  | 178 | 182   | 197 | 210   | 213 | 111  |
| 45°  | 153 | 161   | 177 | 190   | 194 | 118  |
| 55°  | 123 | 130   | 144 | 154   | 158 | 110  |
| 65°  | 86  | 91    | 100 | 108   | 111 | 86   |
| 75°  | 46  | 48    | 53  | 58    | 60  | 49   |
| 85°  | 9   | 11    | 15  | 20    | 21  | 11   |
| 90°  | 1   | 3     | 6   | 8     | 9   | 3    |
| 95°  | 33  | 272   | 280 | 38    | 32  | 33   |
| 105° | 95  | 365   | 617 | 761   | 806 | 100  |
| 115° | 157 | 412   | 647 | 787   | 837 | 154  |
| 125° | 208 | 429   | 651 | 780   | 825 | 186  |
| 135° | 253 | 427   | 622 | 739   | 782 | 195  |
| 145° | 286 | 410   | 566 | 664   | 701 | 178  |
| 155° | 306 | 376   | 491 | 563   | 590 | 141  |
| 165° | 318 | 339   | 398 | 442   | 458 | 90   |
| 175° | 320 | 319   | 323 | 327   | 327 | 31   |
| 180° | 315 | 315   | 315 | 315   | 315 |      |



TEST NUMBER: P395699

CATALOG NUMBER: I3-UL-40L82765-1D-UNV-W2A-W-4 (3000K)

**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 207.6 | 207.6 | 207.6 | 207.6 | 207.6 | 207.6 | 207.6 | 207.6 | 207.6 | 207.6 | 207.6 |
| 2.5°   | 211.4 | 210.4 | 209.5 | 209.5 | 208.5 | 208.5 | 208.5 | 207.6 | 207.6 | 207.6 | 208.5 |
| 5°     | 210.4 | 210.4 | 209.5 | 208.5 | 208.5 | 208.5 | 207.6 | 207.6 | 207.6 | 207.6 | 208.5 |
| 7.5°   | 210.4 | 209.5 | 208.5 | 208.5 | 207.6 | 207.6 | 207.6 | 207.6 | 207.6 | 207.6 | 208.5 |
| 10°    | 208.5 | 208.5 | 207.6 | 207.6 | 206.7 | 207.6 | 207.6 | 207.6 | 207.6 | 207.6 | 209.5 |
| 12.5°  | 207.6 | 207.6 | 206.7 | 205.7 | 205.7 | 205.7 | 206.7 | 206.7 | 206.7 | 207.6 | 209.5 |
| 15°    | 205.7 | 205.7 | 204.8 | 204.8 | 204.8 | 204.8 | 205.7 | 205.7 | 206.7 | 207.6 | 209.5 |
| 17.5°  | 203.9 | 203.9 | 202.9 | 202.9 | 202.9 | 203.9 | 203.9 | 204.8 | 205.7 | 207.6 | 209.5 |
| 20°    | 201.0 | 201.0 | 201.0 | 201.0 | 201.0 | 202.0 | 202.0 | 202.9 | 204.8 | 206.7 | 209.5 |
| 22.5°  | 198.2 | 198.2 | 198.2 | 198.2 | 198.2 | 199.2 | 200.1 | 202.0 | 202.9 | 205.7 | 208.5 |
| 25°    | 194.5 | 194.5 | 194.5 | 194.5 | 195.4 | 196.3 | 197.3 | 199.2 | 201.0 | 203.9 | 207.6 |
| 27.5°  | 190.7 | 191.6 | 191.6 | 191.6 | 192.6 | 193.5 | 194.5 | 196.3 | 199.2 | 202.9 | 205.7 |
| 30°    | 186.9 | 186.9 | 186.9 | 187.9 | 188.8 | 189.8 | 191.6 | 193.5 | 196.3 | 200.1 | 203.9 |
| 32.5°  | 182.2 | 182.2 | 183.2 | 183.2 | 185.1 | 186.0 | 187.9 | 190.7 | 193.5 | 197.3 | 201.0 |
| 35°    | 177.5 | 177.5 | 177.5 | 179.4 | 180.4 | 182.2 | 183.2 | 186.0 | 189.8 | 193.5 | 197.3 |
| 37.5°  | 171.9 | 172.9 | 172.9 | 173.8 | 175.7 | 177.5 | 178.5 | 182.2 | 186.0 | 189.8 | 193.5 |
| 40°    | 166.3 | 167.2 | 167.2 | 168.2 | 171.0 | 171.9 | 173.8 | 177.5 | 180.4 | 185.1 | 188.8 |
| 42.5°  | 160.6 | 160.6 | 161.6 | 162.5 | 165.3 | 166.3 | 168.2 | 171.9 | 175.7 | 179.4 | 183.2 |
| 45°    | 153.1 | 154.1 | 155.0 | 155.9 | 158.8 | 160.6 | 162.5 | 165.3 | 169.1 | 172.9 | 176.6 |
| 47.5°  | 146.5 | 146.5 | 147.5 | 149.4 | 152.2 | 154.1 | 155.0 | 158.8 | 161.6 | 165.3 | 169.1 |
| 50°    | 139.0 | 140.0 | 140.0 | 141.8 | 144.7 | 146.5 | 147.5 | 151.2 | 154.1 | 157.8 | 161.6 |
| 52.5°  | 130.6 | 131.5 | 132.5 | 134.3 | 137.2 | 139.0 | 140.0 | 142.8 | 145.6 | 149.4 | 152.2 |
| 55°    | 123.1 | 124.0 | 124.0 | 125.9 | 128.7 | 129.6 | 131.5 | 133.4 | 137.2 | 140.0 | 143.7 |
| 57.5°  | 114.6 | 115.5 | 115.5 | 117.4 | 119.3 | 121.2 | 122.1 | 124.9 | 127.8 | 130.6 | 133.4 |
| 60°    | 105.2 | 106.2 | 107.1 | 108.0 | 109.9 | 111.8 | 112.7 | 114.6 | 117.4 | 120.2 | 123.1 |
| 62.5°  | 95.8  | 96.8  | 97.7  | 98.6  | 100.5 | 101.5 | 102.4 | 105.2 | 107.1 | 109.9 | 111.8 |
| 65°    | 86.4  | 87.4  | 88.3  | 89.2  | 90.2  | 91.1  | 92.1  | 93.9  | 95.8  | 98.6  | 99.6  |
| 67.5°  | 77.0  | 78.0  | 78.0  | 78.9  | 79.8  | 80.8  | 81.7  | 83.6  | 84.5  | 87.4  | 88.3  |
| 70°    | 67.6  | 67.6  | 67.6  | 68.6  | 68.6  | 69.5  | 70.5  | 72.3  | 73.3  | 75.2  | 77.0  |
| 72.5°  | 56.4  | 57.3  | 57.3  | 57.3  | 58.2  | 59.2  | 60.1  | 61.1  | 62.0  | 62.9  | 64.8  |
| 75°    | 46.0  | 47.0  | 46.0  | 47.0  | 47.9  | 47.9  | 48.8  | 49.8  | 50.7  | 51.7  | 52.6  |
| 77.5°  | 36.6  | 35.7  | 36.6  | 36.6  | 37.6  | 37.6  | 37.6  | 38.5  | 40.4  | 40.4  | 42.3  |
| 80°    | 26.3  | 26.3  | 26.3  | 26.3  | 27.2  | 27.2  | 28.2  | 28.2  | 30.1  | 31.0  | 31.9  |
| 82.5°  | 16.9  | 16.9  | 17.8  | 17.8  | 17.8  | 18.8  | 18.8  | 19.7  | 20.7  | 21.6  | 22.5  |
| 85°    | 9.4   | 9.4   | 9.4   | 10.3  | 10.3  | 11.3  | 11.3  | 12.2  | 13.2  | 14.1  | 15.0  |
| 87.5°  | 2.8   | 3.8   | 4.7   | 4.7   | 5.6   | 5.6   | 6.6   | 6.6   | 8.5   | 9.4   | 10.3  |
| 90°    | 0.9   | 0.9   | 1.9   | 1.9   | 1.9   | 2.8   | 2.8   | 3.8   | 3.8   | 4.7   | 5.6   |
| 92.5°  | 16.0  | 37.6  | 78.0  | 116.5 | 100.5 | 93.9  | 56.4  | 16.9  | 15.0  | 16.0  | 16.0  |
| 95°    | 32.9  | 62.0  | 113.7 | 184.1 | 238.6 | 272.4 | 295.0 | 338.2 | 382.3 | 374.8 | 279.9 |
| 97.5°  | 47.9  | 79.8  | 137.2 | 202.0 | 277.1 | 315.6 | 344.8 | 396.4 | 452.8 | 499.8 | 533.6 |
| 100°   | 62.9  | 95.8  | 156.9 | 224.5 | 294.0 | 328.8 | 362.6 | 433.1 | 488.5 | 535.5 | 580.6 |
| 102.5° | 78.9  | 111.8 | 174.7 | 245.2 | 313.8 | 347.6 | 380.5 | 442.5 | 504.5 | 560.8 | 605.0 |
| 105°   | 94.9  | 128.7 | 190.7 | 263.0 | 331.6 | 365.4 | 397.4 | 456.5 | 513.9 | 566.5 | 617.2 |
| 107.5° | 111.8 | 143.7 | 204.8 | 277.1 | 345.7 | 379.5 | 411.5 | 470.6 | 526.1 | 578.7 | 624.7 |
| 110°   | 126.8 | 157.8 | 218.9 | 290.3 | 358.9 | 392.7 | 424.6 | 483.8 | 538.3 | 588.1 | 633.2 |



TEST NUMBER: P395699

CATALOG NUMBER: I3-UL-40L82765-1D-UNV-W2A-W-4 (3000K)

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 140.9 | 171.0 | 232.0 | 301.5 | 369.2 | 403.0 | 434.0 | 493.2 | 547.7 | 596.5 | 641.6 |
| 115°   | 156.9 | 183.2 | 245.2 | 311.9 | 378.6 | 411.5 | 442.5 | 500.7 | 555.2 | 603.1 | 647.2 |
| 117.5° | 170.0 | 195.4 | 256.5 | 320.3 | 386.1 | 418.0 | 448.1 | 506.3 | 559.9 | 607.8 | 651.0 |
| 120°   | 183.2 | 206.7 | 266.8 | 327.9 | 391.7 | 422.7 | 452.8 | 510.1 | 563.6 | 610.6 | 652.9 |
| 122.5° | 196.3 | 217.9 | 275.2 | 335.4 | 396.4 | 427.4 | 456.5 | 512.9 | 565.5 | 611.6 | 652.9 |
| 125°   | 208.5 | 227.3 | 282.8 | 341.0 | 399.2 | 429.3 | 457.5 | 512.9 | 564.6 | 609.7 | 651.0 |
| 127.5° | 219.8 | 237.7 | 288.4 | 346.6 | 401.1 | 430.2 | 457.5 | 511.0 | 562.7 | 606.9 | 647.2 |
| 130°   | 231.1 | 247.1 | 294.0 | 349.5 | 403.0 | 429.3 | 455.6 | 507.3 | 558.0 | 602.2 | 640.7 |
| 132.5° | 242.4 | 257.4 | 298.7 | 352.3 | 403.9 | 429.3 | 453.7 | 503.5 | 552.4 | 595.6 | 632.2 |
| 135°   | 252.7 | 264.9 | 303.4 | 354.2 | 403.0 | 427.4 | 450.0 | 496.9 | 543.9 | 586.2 | 621.9 |
| 137.5° | 262.1 | 272.4 | 307.2 | 355.1 | 402.1 | 424.6 | 447.2 | 489.4 | 533.6 | 574.9 | 609.7 |
| 140°   | 270.5 | 279.9 | 309.1 | 355.1 | 398.3 | 420.9 | 441.5 | 481.9 | 522.3 | 561.8 | 595.6 |
| 142.5° | 278.1 | 286.5 | 311.9 | 353.2 | 394.5 | 416.2 | 435.9 | 474.4 | 511.0 | 548.6 | 581.5 |
| 145°   | 285.6 | 292.2 | 313.8 | 352.3 | 389.9 | 409.6 | 428.4 | 465.0 | 500.7 | 534.5 | 565.5 |
| 147.5° | 291.2 | 297.8 | 315.6 | 348.5 | 384.2 | 402.1 | 419.9 | 454.7 | 487.6 | 519.5 | 547.7 |
| 150°   | 296.9 | 302.5 | 316.6 | 344.8 | 377.6 | 393.6 | 409.6 | 442.5 | 474.4 | 503.5 | 529.8 |
| 152.5° | 302.5 | 306.2 | 319.4 | 341.0 | 370.1 | 385.2 | 401.1 | 430.2 | 459.4 | 486.6 | 512.0 |
| 155°   | 306.2 | 309.1 | 320.3 | 337.2 | 362.6 | 375.8 | 388.9 | 416.2 | 442.5 | 467.8 | 491.3 |
| 157.5° | 310.0 | 312.8 | 321.3 | 334.4 | 354.2 | 366.4 | 377.6 | 401.1 | 425.5 | 448.1 | 469.7 |
| 160°   | 312.8 | 314.7 | 321.3 | 332.5 | 346.6 | 355.1 | 365.4 | 387.0 | 407.7 | 427.4 | 446.2 |
| 162.5° | 315.6 | 316.6 | 321.3 | 329.7 | 340.1 | 345.7 | 353.2 | 370.1 | 388.9 | 405.8 | 422.7 |
| 165°   | 317.5 | 318.5 | 321.3 | 327.9 | 334.4 | 339.1 | 342.9 | 355.1 | 369.2 | 384.2 | 398.3 |
| 167.5° | 319.4 | 319.4 | 321.3 | 326.0 | 329.7 | 332.5 | 335.4 | 341.9 | 351.3 | 362.6 | 372.9 |
| 170°   | 320.3 | 320.3 | 321.3 | 324.1 | 326.9 | 327.9 | 329.7 | 333.5 | 338.2 | 343.8 | 350.4 |
| 172.5° | 320.3 | 320.3 | 320.3 | 322.2 | 323.2 | 323.2 | 323.2 | 325.0 | 327.9 | 331.6 | 334.4 |
| 175°   | 320.3 | 319.4 | 319.4 | 320.3 | 319.4 | 319.4 | 319.4 | 319.4 | 320.3 | 322.2 | 323.2 |
| 177.5° | 320.3 | 319.4 | 318.5 | 318.5 | 317.5 | 317.5 | 316.6 | 316.6 | 316.6 | 316.6 | 316.6 |
| 180°   | 314.7 | 314.7 | 314.7 | 314.7 | 314.7 | 314.7 | 314.7 | 314.7 | 314.7 | 314.7 | 314.7 |



TEST NUMBER: P395699

CATALOG NUMBER: I3-UL-40L82765-1D-UNV-W2A-W-4 (3000K)

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 207.6 | 207.6 | 207.6 | 207.6 | 207.6 | 207.6 | 207.6 | 207.6 | 207.6 | 207.6 |
| 2.5°   | 208.5 | 208.5 | 207.6 | 206.7 | 206.7 | 206.7 | 205.7 | 204.8 | 203.9 | 203.9 |
| 5°     | 208.5 | 208.5 | 207.6 | 207.6 | 207.6 | 207.6 | 206.7 | 206.7 | 205.7 | 205.7 |
| 7.5°   | 209.5 | 208.5 | 208.5 | 208.5 | 208.5 | 208.5 | 208.5 | 208.5 | 207.6 | 207.6 |
| 10°    | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 |
| 12.5°  | 210.4 | 210.4 | 210.4 | 210.4 | 211.4 | 211.4 | 211.4 | 211.4 | 211.4 | 211.4 |
| 15°    | 210.4 | 211.4 | 212.3 | 212.3 | 212.3 | 213.2 | 213.2 | 213.2 | 213.2 | 213.2 |
| 17.5°  | 211.4 | 212.3 | 213.2 | 213.2 | 214.2 | 214.2 | 215.1 | 215.1 | 215.1 | 215.1 |
| 20°    | 211.4 | 212.3 | 213.2 | 214.2 | 215.1 | 215.1 | 216.1 | 217.0 | 217.0 | 216.1 |
| 22.5°  | 210.4 | 212.3 | 213.2 | 214.2 | 215.1 | 216.1 | 217.0 | 217.9 | 217.9 | 217.9 |
| 25°    | 209.5 | 211.4 | 213.2 | 215.1 | 215.1 | 216.1 | 217.9 | 217.9 | 217.9 | 217.9 |
| 27.5°  | 208.5 | 210.4 | 212.3 | 214.2 | 215.1 | 216.1 | 217.0 | 217.9 | 217.9 | 217.9 |
| 30°    | 206.7 | 209.5 | 211.4 | 213.2 | 214.2 | 215.1 | 216.1 | 217.0 | 217.0 | 217.0 |
| 32.5°  | 203.9 | 206.7 | 208.5 | 211.4 | 212.3 | 213.2 | 214.2 | 215.1 | 215.1 | 215.1 |
| 35°    | 201.0 | 203.9 | 205.7 | 208.5 | 209.5 | 210.4 | 212.3 | 212.3 | 213.2 | 213.2 |
| 37.5°  | 196.3 | 200.1 | 202.0 | 204.8 | 205.7 | 206.7 | 208.5 | 209.5 | 209.5 | 209.5 |
| 40°    | 191.6 | 195.4 | 197.3 | 200.1 | 201.0 | 202.0 | 203.9 | 204.8 | 205.7 | 205.7 |
| 42.5°  | 186.0 | 189.8 | 191.6 | 194.5 | 195.4 | 196.3 | 198.2 | 199.2 | 200.1 | 200.1 |
| 45°    | 180.4 | 183.2 | 185.1 | 187.9 | 189.8 | 189.8 | 191.6 | 192.6 | 193.5 | 193.5 |
| 47.5°  | 172.9 | 175.7 | 177.5 | 180.4 | 182.2 | 183.2 | 184.1 | 185.1 | 186.0 | 186.0 |
| 50°    | 164.4 | 167.2 | 170.0 | 171.9 | 173.8 | 173.8 | 175.7 | 176.6 | 177.5 | 177.5 |
| 52.5°  | 155.9 | 157.8 | 160.6 | 163.5 | 164.4 | 165.3 | 166.3 | 167.2 | 168.2 | 168.2 |
| 55°    | 146.5 | 148.4 | 151.2 | 153.1 | 154.1 | 155.0 | 155.9 | 156.9 | 157.8 | 157.8 |
| 57.5°  | 136.2 | 138.1 | 140.9 | 142.8 | 143.7 | 144.7 | 145.6 | 146.5 | 147.5 | 147.5 |
| 60°    | 124.9 | 126.8 | 129.6 | 131.5 | 132.5 | 132.5 | 134.3 | 135.3 | 135.3 | 135.3 |
| 62.5°  | 113.7 | 115.5 | 117.4 | 119.3 | 120.2 | 121.2 | 122.1 | 123.1 | 123.1 | 123.1 |
| 65°    | 102.4 | 104.3 | 106.2 | 107.1 | 108.0 | 108.0 | 109.0 | 109.9 | 110.8 | 110.8 |
| 67.5°  | 90.2  | 92.1  | 93.9  | 94.9  | 95.8  | 95.8  | 96.8  | 97.7  | 97.7  | 97.7  |
| 70°    | 78.0  | 78.9  | 80.8  | 81.7  | 82.7  | 82.7  | 84.5  | 84.5  | 84.5  | 84.5  |
| 72.5°  | 65.8  | 66.7  | 68.6  | 69.5  | 70.5  | 70.5  | 71.4  | 72.3  | 72.3  | 72.3  |
| 75°    | 54.5  | 55.4  | 56.4  | 58.2  | 58.2  | 58.2  | 59.2  | 60.1  | 60.1  | 60.1  |
| 77.5°  | 43.2  | 44.2  | 45.1  | 46.0  | 47.0  | 47.0  | 47.9  | 48.8  | 48.8  | 48.8  |
| 80°    | 32.9  | 33.8  | 34.8  | 35.7  | 35.7  | 36.6  | 36.6  | 37.6  | 37.6  | 37.6  |
| 82.5°  | 23.5  | 24.4  | 25.4  | 26.3  | 27.2  | 27.2  | 28.2  | 29.1  | 29.1  | 28.2  |
| 85°    | 16.0  | 17.8  | 18.8  | 19.7  | 19.7  | 19.7  | 20.7  | 21.6  | 21.6  | 20.7  |
| 87.5°  | 11.3  | 11.3  | 12.2  | 13.2  | 13.2  | 14.1  | 14.1  | 15.0  | 15.0  | 15.0  |
| 90°    | 6.6   | 6.6   | 7.5   | 7.5   | 8.5   | 8.5   | 8.5   | 9.4   | 9.4   | 9.4   |
| 92.5°  | 16.0  | 16.0  | 16.9  | 16.9  | 16.9  | 16.9  | 17.8  | 17.8  | 17.8  | 17.8  |
| 95°    | 171.0 | 77.0  | 64.8  | 39.5  | 37.6  | 32.9  | 31.9  | 32.9  | 32.9  | 31.9  |
| 97.5°  | 574.0 | 614.4 | 639.7 | 651.9 | 636.9 | 620.9 | 603.1 | 600.3 | 575.9 | 521.4 |
| 100°   | 619.1 | 651.0 | 682.0 | 703.6 | 712.1 | 719.6 | 736.5 | 746.8 | 751.5 | 756.2 |
| 102.5° | 641.6 | 675.4 | 702.7 | 729.9 | 741.2 | 751.5 | 766.6 | 778.8 | 783.5 | 787.2 |
| 105°   | 661.3 | 696.1 | 726.2 | 750.6 | 760.9 | 770.3 | 785.3 | 796.6 | 805.1 | 806.0 |
| 107.5° | 666.0 | 702.7 | 736.5 | 766.6 | 778.8 | 789.1 | 806.9 | 815.4 | 822.9 | 822.9 |
| 110°   | 674.5 | 709.2 | 740.2 | 767.5 | 779.7 | 791.9 | 810.7 | 823.9 | 831.4 | 833.3 |





TEST NUMBER: P395699

CATALOG NUMBER: I3-UL-40L82765-1D-UNV-W2A-W-4 (3000K)

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 681.1 | 716.8 | 745.9 | 773.1 | 783.5 | 794.7 | 812.6 | 824.8 | 831.4 | 834.2 |
| 115°   | 686.7 | 721.5 | 750.6 | 775.9 | 787.2 | 798.5 | 816.3 | 826.7 | 834.2 | 837.0 |
| 117.5° | 690.5 | 724.3 | 753.4 | 776.9 | 789.1 | 798.5 | 815.4 | 826.7 | 834.2 | 835.1 |
| 120°   | 691.4 | 725.2 | 753.4 | 776.9 | 787.2 | 797.6 | 814.5 | 825.7 | 833.3 | 833.3 |
| 122.5° | 691.4 | 724.3 | 752.5 | 775.0 | 784.4 | 793.8 | 809.8 | 822.9 | 829.5 | 829.5 |
| 125°   | 687.6 | 720.5 | 747.8 | 770.3 | 779.7 | 788.2 | 805.1 | 817.3 | 823.9 | 824.8 |
| 127.5° | 682.0 | 713.9 | 741.2 | 763.7 | 773.1 | 780.6 | 798.5 | 809.8 | 816.3 | 817.3 |
| 130°   | 674.5 | 706.4 | 732.7 | 754.3 | 763.7 | 772.2 | 787.2 | 799.4 | 806.9 | 808.8 |
| 132.5° | 666.0 | 696.1 | 722.4 | 743.1 | 752.5 | 760.0 | 775.0 | 787.2 | 793.8 | 796.6 |
| 135°   | 655.7 | 683.9 | 709.2 | 729.9 | 739.3 | 746.8 | 760.9 | 773.1 | 779.7 | 782.5 |
| 137.5° | 642.6 | 669.8 | 694.2 | 714.9 | 723.3 | 730.9 | 744.9 | 756.2 | 761.9 | 765.6 |
| 140°   | 627.5 | 652.9 | 678.2 | 697.0 | 705.5 | 713.0 | 725.2 | 737.4 | 743.1 | 745.9 |
| 142.5° | 611.6 | 636.9 | 659.5 | 678.2 | 685.8 | 693.3 | 705.5 | 716.8 | 722.4 | 723.3 |
| 145°   | 594.6 | 619.1 | 639.7 | 657.6 | 664.2 | 671.7 | 682.9 | 694.2 | 699.9 | 700.8 |
| 147.5° | 575.9 | 598.4 | 618.1 | 635.0 | 642.6 | 648.2 | 658.5 | 668.9 | 674.5 | 675.4 |
| 150°   | 554.2 | 574.9 | 592.8 | 609.7 | 616.2 | 621.9 | 633.2 | 642.6 | 648.2 | 649.1 |
| 152.5° | 533.6 | 553.3 | 568.3 | 583.4 | 589.9 | 595.6 | 605.0 | 614.4 | 620.0 | 620.9 |
| 155°   | 512.0 | 529.8 | 544.9 | 557.1 | 562.7 | 568.3 | 575.9 | 584.3 | 589.0 | 589.9 |
| 157.5° | 489.4 | 506.3 | 519.5 | 530.8 | 536.4 | 541.1 | 547.7 | 555.2 | 558.0 | 559.9 |
| 160°   | 465.0 | 479.1 | 490.4 | 501.6 | 506.3 | 511.0 | 517.6 | 523.2 | 527.0 | 527.9 |
| 162.5° | 438.7 | 450.9 | 460.3 | 470.6 | 473.5 | 477.2 | 483.8 | 489.4 | 492.2 | 493.2 |
| 165°   | 411.5 | 422.7 | 431.2 | 439.6 | 441.5 | 444.3 | 449.0 | 454.7 | 456.5 | 458.4 |
| 167.5° | 384.2 | 393.6 | 399.2 | 406.8 | 409.6 | 411.5 | 416.2 | 419.9 | 421.8 | 422.7 |
| 170°   | 357.9 | 364.5 | 369.2 | 374.8 | 375.8 | 378.6 | 381.4 | 385.2 | 386.1 | 386.1 |
| 172.5° | 337.2 | 340.1 | 342.9 | 344.8 | 345.7 | 346.6 | 348.5 | 349.5 | 349.5 | 349.5 |
| 175°   | 324.1 | 326.0 | 326.0 | 326.9 | 326.9 | 326.9 | 326.9 | 326.9 | 326.9 | 326.9 |
| 177.5° | 316.6 | 316.6 | 316.6 | 315.6 | 315.6 | 315.6 | 315.6 | 314.7 | 314.7 | 314.7 |
| 180°   | 314.7 | 314.7 | 314.7 | 314.7 | 314.7 | 314.7 | 314.7 | 314.7 | 314.7 | 314.7 |

(END OF REPORT)