

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: P395700

Luminaire Tested: **I3-UL-40L82765-1D-UNV-W2A-W-4 (3500K)**

Issue Date: 5/6/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P395700  
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 (3500K)  
Description: CORELITE I3, OPEN TOP  
4000 LUMENS, VIVIDTUNE TUNABLE WHITE  
Light Source: 2700K/6500K CCT, 80 CRI LEDS, TUNED TO 3500K CCT  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3945.0 lumens  
Efficiency: N/A  
Efficacy: 140.9 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

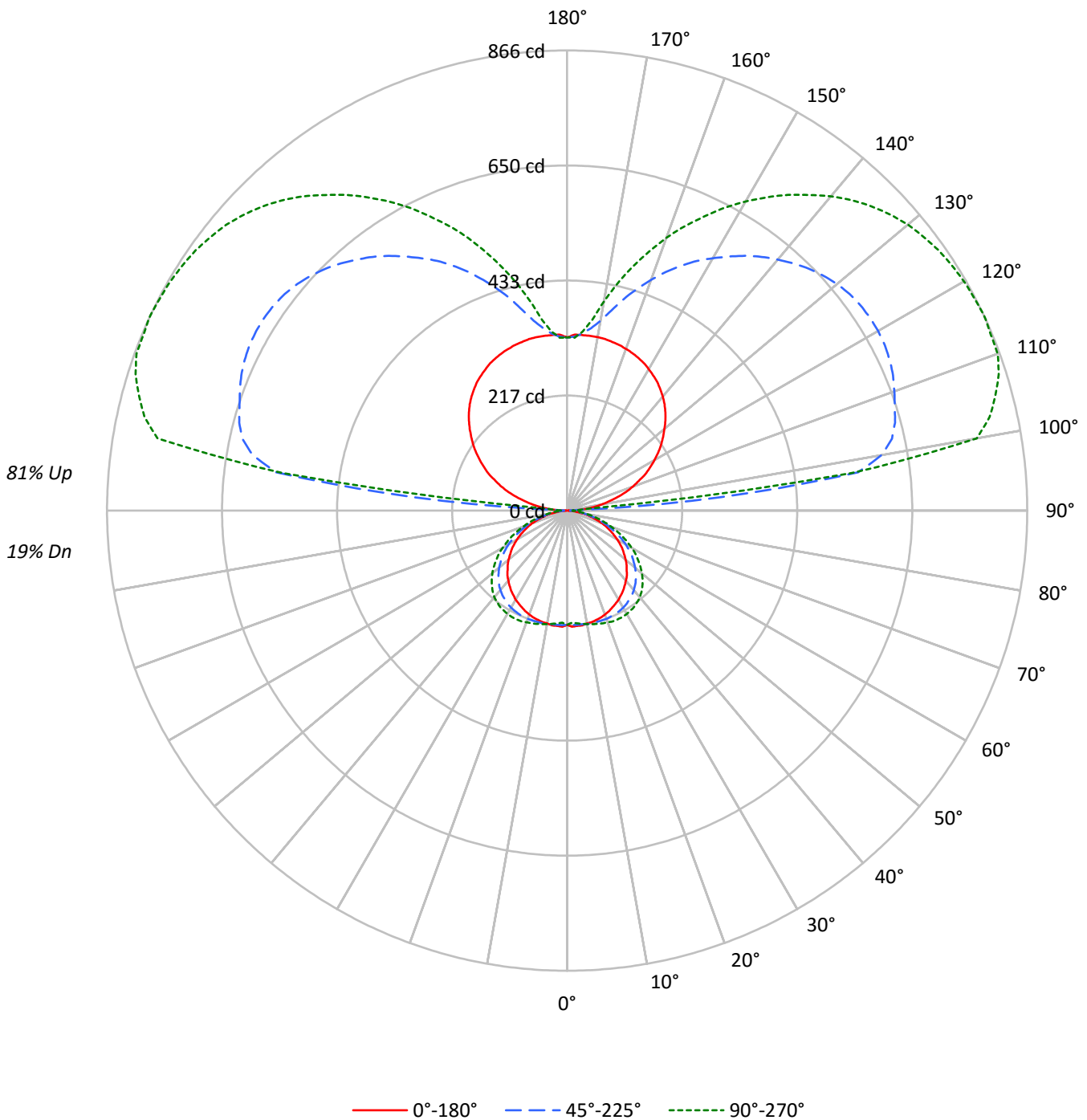
Input Watts (W): 28  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P395700

CATALOG NUMBER: I3-UL-40L82765-1D-UNV-W2A-W-4 (3500K)

### Luminous Intensity Polar Plot





TEST NUMBER: P395700

CATALOG NUMBER: I3-UL-40L82765-1D-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 | 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°  | 1181 | 1181 | 1181 |
| 5°  | 1197 | 1164 | 1141 |
| 10° | 1195 | 1156 | 1143 |
| 15° | 1198 | 1152 | 1153 |
| 20° | 1199 | 1156 | 1166 |
| 25° | 1197 | 1160 | 1184 |
| 30° | 1199 | 1161 | 1195 |
| 35° | 1198 | 1155 | 1201 |
| 40° | 1192 | 1146 | 1194 |
| 45° | 1182 | 1123 | 1168 |
| 50° | 1171 | 1086 | 1125 |
| 55° | 1151 | 1034 | 1060 |
| 60° | 1115 | 959  | 976  |
| 65° | 1065 | 854  | 870  |
| 70° | 1007 | 740  | 734  |
| 75° | 872  | 580  | 589  |
| 80° | 694  | 418  | 426  |
| 85° | 412  | 244  | 281  |



TEST NUMBER: P395700

CATALOG NUMBER: I3-UL-40L82765-1D-UNV-W2A-W-4 (3500K)

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 20.6   | 0.5       |
| 10°-20°   | 61.3   | 1.6       |
| 20°-30°   | 98.6   | 2.5       |
| 30°-40°   | 126.9  | 3.2       |
| 40°-50°   | 139.4  | 3.5       |
| 50°-60°   | 131.0  | 3.3       |
| 60°-70°   | 101.8  | 2.6       |
| 70°-80°   | 58.4   | 1.5       |
| 80°-90°   | 18.7   | 0.5       |
| 90°-100°  | 252.2  | 6.4       |
| 100°-110° | 599.3  | 15.2      |
| 110°-120° | 602.0  | 15.3      |
| 120°-130° | 552.1  | 14.0      |
| 130°-140° | 461.6  | 11.7      |
| 140°-150° | 346.5  | 8.8       |
| 150°-160° | 225.6  | 5.7       |
| 160°-170° | 116.2  | 2.9       |
| 170°-180° | 32.9   | 0.8       |
| 0°-30°    | 180.5  | 4.6       |
| 0°-40°    | 307.4  | 7.8       |
| 0°-60°    | 577.8  | 14.6      |
| 0°-90°    | 756.7  | 19.2      |
| 90°-120°  | 1453.5 | 36.8      |
| 90°-150°  | 2813.7 | 71.3      |
| 90°-180°  | 3188.0 | 80.8      |
| 0°-180°   | 3945.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|-----|-------|-----|------|
| 0°   | 215 | 215   | 215 | 215   | 215 |      |
| 5°   | 218 | 216   | 216 | 215   | 213 | 21   |
| 15°  | 213 | 212   | 217 | 220   | 221 | 60   |
| 25°  | 201 | 203   | 215 | 223   | 226 | 93   |
| 35°  | 184 | 189   | 204 | 217   | 221 | 115  |
| 45°  | 158 | 166   | 183 | 196   | 200 | 123  |
| 55°  | 127 | 134   | 149 | 159   | 163 | 114  |
| 65°  | 89  | 94    | 103 | 112   | 115 | 89   |
| 75°  | 48  | 50    | 54  | 60    | 62  | 51   |
| 85°  | 10  | 12    | 16  | 20    | 21  | 11   |
| 90°  | 1   | 3     | 6   | 9     | 10  | 3    |
| 95°  | 34  | 282   | 290 | 39    | 33  | 34   |
| 105° | 98  | 378   | 639 | 788   | 834 | 104  |
| 115° | 162 | 426   | 670 | 815   | 866 | 160  |
| 125° | 216 | 444   | 674 | 807   | 854 | 193  |
| 135° | 262 | 442   | 644 | 765   | 810 | 202  |
| 145° | 296 | 424   | 585 | 687   | 725 | 185  |
| 155° | 317 | 389   | 508 | 582   | 611 | 146  |
| 165° | 329 | 351   | 412 | 457   | 474 | 93   |
| 175° | 332 | 331   | 334 | 338   | 338 | 32   |
| 180° | 326 | 326   | 326 | 326   | 326 |      |



TEST NUMBER: P395700

CATALOG NUMBER: I3-UL-40L82765-1D-UNV-W2A-W-4 (3500K)

**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 214.9 | 214.9 | 214.9 | 214.9 | 214.9 | 214.9 | 214.9 | 214.9 | 214.9 | 214.9 | 214.9 |
| 2.5°   | 218.8 | 217.8 | 216.8 | 216.8 | 215.8 | 215.8 | 215.8 | 214.9 | 214.9 | 214.9 | 215.8 |
| 5°     | 217.8 | 217.8 | 216.8 | 215.8 | 215.8 | 215.8 | 214.9 | 214.9 | 214.9 | 214.9 | 215.8 |
| 7.5°   | 217.8 | 216.8 | 215.8 | 215.8 | 214.9 | 214.9 | 214.9 | 214.9 | 214.9 | 214.9 | 215.8 |
| 10°    | 215.8 | 215.8 | 214.9 | 214.9 | 213.9 | 214.9 | 214.9 | 214.9 | 214.9 | 214.9 | 216.8 |
| 12.5°  | 214.9 | 214.9 | 213.9 | 212.9 | 212.9 | 212.9 | 213.9 | 213.9 | 213.9 | 214.9 | 216.8 |
| 15°    | 212.9 | 212.9 | 211.9 | 211.9 | 211.9 | 211.9 | 212.9 | 212.9 | 213.9 | 214.9 | 216.8 |
| 17.5°  | 211.0 | 211.0 | 210.0 | 210.0 | 210.0 | 211.0 | 211.0 | 211.9 | 212.9 | 214.9 | 216.8 |
| 20°    | 208.1 | 208.1 | 208.1 | 208.1 | 208.1 | 209.0 | 209.0 | 210.0 | 211.9 | 213.9 | 216.8 |
| 22.5°  | 205.1 | 205.1 | 205.1 | 205.1 | 205.1 | 206.1 | 207.1 | 209.0 | 210.0 | 212.9 | 215.8 |
| 25°    | 201.3 | 201.3 | 201.3 | 201.3 | 202.2 | 203.2 | 204.2 | 206.1 | 208.1 | 211.0 | 214.9 |
| 27.5°  | 197.4 | 198.3 | 198.3 | 198.3 | 199.3 | 200.3 | 201.3 | 203.2 | 206.1 | 210.0 | 212.9 |
| 30°    | 193.5 | 193.5 | 193.5 | 194.4 | 195.4 | 196.4 | 198.3 | 200.3 | 203.2 | 207.1 | 211.0 |
| 32.5°  | 188.6 | 188.6 | 189.6 | 189.6 | 191.5 | 192.5 | 194.4 | 197.4 | 200.3 | 204.2 | 208.1 |
| 35°    | 183.8 | 183.8 | 183.8 | 185.7 | 186.7 | 188.6 | 189.6 | 192.5 | 196.4 | 200.3 | 204.2 |
| 37.5°  | 177.9 | 178.9 | 178.9 | 179.9 | 181.8 | 183.8 | 184.7 | 188.6 | 192.5 | 196.4 | 200.3 |
| 40°    | 172.1 | 173.1 | 173.1 | 174.0 | 176.9 | 177.9 | 179.9 | 183.8 | 186.7 | 191.5 | 195.4 |
| 42.5°  | 166.3 | 166.3 | 167.2 | 168.2 | 171.1 | 172.1 | 174.0 | 177.9 | 181.8 | 185.7 | 189.6 |
| 45°    | 158.5 | 159.4 | 160.4 | 161.4 | 164.3 | 166.3 | 168.2 | 171.1 | 175.0 | 178.9 | 182.8 |
| 47.5°  | 151.7 | 151.7 | 152.6 | 154.6 | 157.5 | 159.4 | 160.4 | 164.3 | 167.2 | 171.1 | 175.0 |
| 50°    | 143.9 | 144.9 | 144.9 | 146.8 | 149.7 | 151.7 | 152.6 | 156.5 | 159.4 | 163.3 | 167.2 |
| 52.5°  | 135.1 | 136.1 | 137.1 | 139.0 | 141.9 | 143.9 | 144.9 | 147.8 | 150.7 | 154.6 | 157.5 |
| 55°    | 127.4 | 128.3 | 128.3 | 130.3 | 133.2 | 134.2 | 136.1 | 138.1 | 141.9 | 144.9 | 148.8 |
| 57.5°  | 118.6 | 119.6 | 119.6 | 121.5 | 123.5 | 125.4 | 126.4 | 129.3 | 132.2 | 135.1 | 138.1 |
| 60°    | 108.9 | 109.9 | 110.8 | 111.8 | 113.8 | 115.7 | 116.7 | 118.6 | 121.5 | 124.4 | 127.4 |
| 62.5°  | 99.2  | 100.1 | 101.1 | 102.1 | 104.0 | 105.0 | 106.0 | 108.9 | 110.8 | 113.8 | 115.7 |
| 65°    | 89.4  | 90.4  | 91.4  | 92.4  | 93.3  | 94.3  | 95.3  | 97.2  | 99.2  | 102.1 | 103.1 |
| 67.5°  | 79.7  | 80.7  | 80.7  | 81.7  | 82.6  | 83.6  | 84.6  | 86.5  | 87.5  | 90.4  | 91.4  |
| 70°    | 70.0  | 70.0  | 70.0  | 71.0  | 71.0  | 71.9  | 72.9  | 74.9  | 75.8  | 77.8  | 79.7  |
| 72.5°  | 58.3  | 59.3  | 59.3  | 59.3  | 60.3  | 61.3  | 62.2  | 63.2  | 64.2  | 65.1  | 67.1  |
| 75°    | 47.6  | 48.6  | 47.6  | 48.6  | 49.6  | 49.6  | 50.6  | 51.5  | 52.5  | 53.5  | 54.4  |
| 77.5°  | 37.9  | 36.9  | 37.9  | 37.9  | 38.9  | 38.9  | 38.9  | 39.9  | 41.8  | 41.8  | 43.8  |
| 80°    | 27.2  | 27.2  | 27.2  | 27.2  | 28.2  | 28.2  | 29.2  | 29.2  | 31.1  | 32.1  | 33.1  |
| 82.5°  | 17.5  | 17.5  | 18.5  | 18.5  | 18.5  | 19.4  | 19.4  | 20.4  | 21.4  | 22.4  | 23.3  |
| 85°    | 9.7   | 9.7   | 9.7   | 10.7  | 10.7  | 11.7  | 11.7  | 12.6  | 13.6  | 14.6  | 15.6  |
| 87.5°  | 2.9   | 3.9   | 4.9   | 4.9   | 5.8   | 5.8   | 6.8   | 6.8   | 8.8   | 9.7   | 10.7  |
| 90°    | 1.0   | 1.0   | 1.9   | 1.9   | 1.9   | 2.9   | 2.9   | 3.9   | 3.9   | 4.9   | 5.8   |
| 92.5°  | 16.5  | 38.9  | 80.7  | 120.6 | 104.0 | 97.2  | 58.3  | 17.5  | 15.6  | 16.5  | 16.5  |
| 95°    | 34.0  | 64.2  | 117.6 | 190.6 | 246.9 | 282.0 | 305.3 | 350.0 | 395.7 | 387.9 | 289.7 |
| 97.5°  | 49.6  | 82.6  | 141.9 | 209.0 | 286.8 | 326.7 | 356.8 | 410.3 | 468.6 | 517.2 | 552.2 |
| 100°   | 65.1  | 99.2  | 162.4 | 232.4 | 304.3 | 340.3 | 375.3 | 448.2 | 505.6 | 554.2 | 600.8 |
| 102.5° | 81.7  | 115.7 | 180.8 | 253.8 | 324.7 | 359.7 | 393.8 | 457.9 | 522.1 | 580.4 | 626.1 |
| 105°   | 98.2  | 133.2 | 197.4 | 272.2 | 343.2 | 378.2 | 411.3 | 472.5 | 531.8 | 586.3 | 638.8 |
| 107.5° | 115.7 | 148.8 | 211.9 | 286.8 | 357.8 | 392.8 | 425.8 | 487.1 | 544.5 | 598.9 | 646.5 |
| 110°   | 131.3 | 163.3 | 226.5 | 300.4 | 371.4 | 406.4 | 439.5 | 500.7 | 557.1 | 608.6 | 655.3 |



TEST NUMBER: P395700

CATALOG NUMBER: I3-UL-40L82765-1D-UNV-W2A-W-4 (3500K)

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 145.8 | 176.9 | 240.1 | 312.1 | 382.1 | 417.1 | 449.2 | 510.4 | 566.8 | 617.4 | 664.0 |
| 115°   | 162.4 | 189.6 | 253.8 | 322.8 | 391.8 | 425.8 | 457.9 | 518.2 | 574.6 | 624.2 | 669.9 |
| 117.5° | 176.0 | 202.2 | 265.4 | 331.5 | 399.6 | 432.6 | 463.8 | 524.0 | 579.5 | 629.0 | 673.8 |
| 120°   | 189.6 | 213.9 | 276.1 | 339.3 | 405.4 | 437.5 | 468.6 | 527.9 | 583.3 | 632.0 | 675.7 |
| 122.5° | 203.2 | 225.6 | 284.9 | 347.1 | 410.3 | 442.4 | 472.5 | 530.8 | 585.3 | 632.9 | 675.7 |
| 125°   | 215.8 | 235.3 | 292.6 | 352.9 | 413.2 | 444.3 | 473.5 | 530.8 | 584.3 | 631.0 | 673.8 |
| 127.5° | 227.5 | 246.0 | 298.5 | 358.8 | 415.1 | 445.3 | 473.5 | 528.9 | 582.4 | 628.1 | 669.9 |
| 130°   | 239.2 | 255.7 | 304.3 | 361.7 | 417.1 | 444.3 | 471.5 | 525.0 | 577.5 | 623.2 | 663.1 |
| 132.5° | 250.8 | 266.4 | 309.2 | 364.6 | 418.1 | 444.3 | 469.6 | 521.1 | 571.7 | 616.4 | 654.3 |
| 135°   | 261.5 | 274.2 | 314.0 | 366.5 | 417.1 | 442.4 | 465.7 | 514.3 | 562.9 | 606.7 | 643.6 |
| 137.5° | 271.3 | 282.0 | 317.9 | 367.5 | 416.1 | 439.5 | 462.8 | 506.5 | 552.2 | 595.0 | 631.0 |
| 140°   | 280.0 | 289.7 | 319.9 | 367.5 | 412.2 | 435.6 | 457.0 | 498.8 | 540.6 | 581.4 | 616.4 |
| 142.5° | 287.8 | 296.5 | 322.8 | 365.6 | 408.3 | 430.7 | 451.1 | 491.0 | 528.9 | 567.8 | 601.8 |
| 145°   | 295.6 | 302.4 | 324.7 | 364.6 | 403.5 | 423.9 | 443.3 | 481.3 | 518.2 | 553.2 | 585.3 |
| 147.5° | 301.4 | 308.2 | 326.7 | 360.7 | 397.6 | 416.1 | 434.6 | 470.6 | 504.6 | 537.7 | 566.8 |
| 150°   | 307.2 | 313.1 | 327.6 | 356.8 | 390.8 | 407.4 | 423.9 | 457.9 | 491.0 | 521.1 | 548.3 |
| 152.5° | 313.1 | 317.0 | 330.6 | 352.9 | 383.1 | 398.6 | 415.1 | 445.3 | 475.4 | 503.6 | 529.9 |
| 155°   | 317.0 | 319.9 | 331.5 | 349.0 | 375.3 | 388.9 | 402.5 | 430.7 | 457.9 | 484.2 | 508.5 |
| 157.5° | 320.8 | 323.8 | 332.5 | 346.1 | 366.5 | 379.2 | 390.8 | 415.1 | 440.4 | 463.8 | 486.1 |
| 160°   | 323.8 | 325.7 | 332.5 | 344.2 | 358.8 | 367.5 | 378.2 | 400.6 | 422.0 | 442.4 | 461.8 |
| 162.5° | 326.7 | 327.6 | 332.5 | 341.3 | 352.0 | 357.8 | 365.6 | 383.1 | 402.5 | 420.0 | 437.5 |
| 165°   | 328.6 | 329.6 | 332.5 | 339.3 | 346.1 | 351.0 | 354.9 | 367.5 | 382.1 | 397.6 | 412.2 |
| 167.5° | 330.6 | 330.6 | 332.5 | 337.4 | 341.3 | 344.2 | 347.1 | 353.9 | 363.6 | 375.3 | 386.0 |
| 170°   | 331.5 | 331.5 | 332.5 | 335.4 | 338.3 | 339.3 | 341.3 | 345.1 | 350.0 | 355.8 | 362.6 |
| 172.5° | 331.5 | 331.5 | 331.5 | 333.5 | 334.5 | 334.5 | 334.5 | 336.4 | 339.3 | 343.2 | 346.1 |
| 175°   | 331.5 | 330.6 | 330.6 | 331.5 | 330.6 | 330.6 | 330.6 | 330.6 | 331.5 | 333.5 | 334.5 |
| 177.5° | 331.5 | 330.6 | 329.6 | 329.6 | 328.6 | 328.6 | 327.6 | 327.6 | 327.6 | 327.6 | 327.6 |
| 180°   | 325.7 | 325.7 | 325.7 | 325.7 | 325.7 | 325.7 | 325.7 | 325.7 | 325.7 | 325.7 | 325.7 |



TEST NUMBER: P395700

CATALOG NUMBER: I3-UL-40L82765-1D-UNV-W2A-W-4 (3500K)

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 214.9 | 214.9 | 214.9 | 214.9 | 214.9 | 214.9 | 214.9 | 214.9 | 214.9 | 214.9 |
| 2.5°   | 215.8 | 215.8 | 214.9 | 213.9 | 213.9 | 213.9 | 212.9 | 211.9 | 211.0 | 211.0 |
| 5°     | 215.8 | 215.8 | 214.9 | 214.9 | 214.9 | 214.9 | 213.9 | 213.9 | 212.9 | 212.9 |
| 7.5°   | 216.8 | 215.8 | 215.8 | 215.8 | 215.8 | 215.8 | 215.8 | 215.8 | 214.9 | 214.9 |
| 10°    | 216.8 | 216.8 | 216.8 | 216.8 | 216.8 | 216.8 | 216.8 | 216.8 | 216.8 | 216.8 |
| 12.5°  | 217.8 | 217.8 | 217.8 | 217.8 | 218.8 | 218.8 | 218.8 | 218.8 | 218.8 | 218.8 |
| 15°    | 217.8 | 218.8 | 219.7 | 219.7 | 219.7 | 220.7 | 220.7 | 220.7 | 220.7 | 220.7 |
| 17.5°  | 218.8 | 219.7 | 220.7 | 220.7 | 221.7 | 221.7 | 222.6 | 222.6 | 222.6 | 222.6 |
| 20°    | 218.8 | 219.7 | 220.7 | 221.7 | 222.6 | 222.6 | 223.6 | 224.6 | 224.6 | 223.6 |
| 22.5°  | 217.8 | 219.7 | 220.7 | 221.7 | 222.6 | 223.6 | 224.6 | 225.6 | 225.6 | 225.6 |
| 25°    | 216.8 | 218.8 | 220.7 | 222.6 | 222.6 | 223.6 | 225.6 | 225.6 | 225.6 | 225.6 |
| 27.5°  | 215.8 | 217.8 | 219.7 | 221.7 | 222.6 | 223.6 | 224.6 | 225.6 | 225.6 | 225.6 |
| 30°    | 213.9 | 216.8 | 218.8 | 220.7 | 221.7 | 222.6 | 223.6 | 224.6 | 224.6 | 224.6 |
| 32.5°  | 211.0 | 213.9 | 215.8 | 218.8 | 219.7 | 220.7 | 221.7 | 222.6 | 222.6 | 222.6 |
| 35°    | 208.1 | 211.0 | 212.9 | 215.8 | 216.8 | 217.8 | 219.7 | 219.7 | 220.7 | 220.7 |
| 37.5°  | 203.2 | 207.1 | 209.0 | 211.9 | 212.9 | 213.9 | 215.8 | 216.8 | 216.8 | 216.8 |
| 40°    | 198.3 | 202.2 | 204.2 | 207.1 | 208.1 | 209.0 | 211.0 | 211.9 | 212.9 | 212.9 |
| 42.5°  | 192.5 | 196.4 | 198.3 | 201.3 | 202.2 | 203.2 | 205.1 | 206.1 | 207.1 | 207.1 |
| 45°    | 186.7 | 189.6 | 191.5 | 194.4 | 196.4 | 196.4 | 198.3 | 199.3 | 200.3 | 200.3 |
| 47.5°  | 178.9 | 181.8 | 183.8 | 186.7 | 188.6 | 189.6 | 190.6 | 191.5 | 192.5 | 192.5 |
| 50°    | 170.1 | 173.1 | 176.0 | 177.9 | 179.9 | 179.9 | 181.8 | 182.8 | 183.8 | 183.8 |
| 52.5°  | 161.4 | 163.3 | 166.3 | 169.2 | 170.1 | 171.1 | 172.1 | 173.1 | 174.0 | 174.0 |
| 55°    | 151.7 | 153.6 | 156.5 | 158.5 | 159.4 | 160.4 | 161.4 | 162.4 | 163.3 | 163.3 |
| 57.5°  | 141.0 | 142.9 | 145.8 | 147.8 | 148.8 | 149.7 | 150.7 | 151.7 | 152.6 | 152.6 |
| 60°    | 129.3 | 131.3 | 134.2 | 136.1 | 137.1 | 137.1 | 139.0 | 140.0 | 140.0 | 140.0 |
| 62.5°  | 117.6 | 119.6 | 121.5 | 123.5 | 124.4 | 125.4 | 126.4 | 127.4 | 127.4 | 127.4 |
| 65°    | 106.0 | 107.9 | 109.9 | 110.8 | 111.8 | 111.8 | 112.8 | 113.8 | 114.7 | 114.7 |
| 67.5°  | 93.3  | 95.3  | 97.2  | 98.2  | 99.2  | 99.2  | 100.1 | 101.1 | 101.1 | 101.1 |
| 70°    | 80.7  | 81.7  | 83.6  | 84.6  | 85.6  | 85.6  | 87.5  | 87.5  | 87.5  | 87.5  |
| 72.5°  | 68.1  | 69.0  | 71.0  | 71.9  | 72.9  | 72.9  | 73.9  | 74.9  | 74.9  | 74.9  |
| 75°    | 56.4  | 57.4  | 58.3  | 60.3  | 60.3  | 60.3  | 61.3  | 62.2  | 62.2  | 62.2  |
| 77.5°  | 44.7  | 45.7  | 46.7  | 47.6  | 48.6  | 48.6  | 49.6  | 50.6  | 50.6  | 50.6  |
| 80°    | 34.0  | 35.0  | 36.0  | 36.9  | 36.9  | 37.9  | 37.9  | 38.9  | 38.9  | 38.9  |
| 82.5°  | 24.3  | 25.3  | 26.3  | 27.2  | 28.2  | 28.2  | 29.2  | 30.1  | 30.1  | 29.2  |
| 85°    | 16.5  | 18.5  | 19.4  | 20.4  | 20.4  | 20.4  | 21.4  | 22.4  | 22.4  | 21.4  |
| 87.5°  | 11.7  | 11.7  | 12.6  | 13.6  | 13.6  | 14.6  | 14.6  | 15.6  | 15.6  | 15.6  |
| 90°    | 6.8   | 6.8   | 7.8   | 7.8   | 8.8   | 8.8   | 8.8   | 9.7   | 9.7   | 9.7   |
| 92.5°  | 16.5  | 16.5  | 17.5  | 17.5  | 17.5  | 17.5  | 18.5  | 18.5  | 18.5  | 18.5  |
| 95°    | 176.9 | 79.7  | 67.1  | 40.8  | 38.9  | 34.0  | 33.1  | 34.0  | 34.0  | 33.1  |
| 97.5°  | 594.0 | 635.8 | 662.1 | 674.7 | 659.2 | 642.7 | 624.2 | 621.3 | 596.0 | 539.6 |
| 100°   | 640.7 | 673.8 | 705.8 | 728.2 | 737.0 | 744.7 | 762.2 | 772.9 | 777.8 | 782.7 |
| 102.5° | 664.0 | 699.0 | 727.2 | 755.4 | 767.1 | 777.8 | 793.3 | 806.0 | 810.9 | 814.7 |
| 105°   | 684.5 | 720.4 | 751.5 | 776.8 | 787.5 | 797.2 | 812.8 | 824.5 | 833.2 | 834.2 |
| 107.5° | 689.3 | 727.2 | 762.2 | 793.3 | 806.0 | 816.7 | 835.2 | 843.9 | 851.7 | 851.7 |
| 110°   | 698.1 | 734.0 | 766.1 | 794.3 | 807.0 | 819.6 | 839.0 | 852.7 | 860.4 | 862.4 |





TEST NUMBER: P395700

CATALOG NUMBER: I3-UL-40L82765-1D-UNV-W2A-W-4 (3500K)

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 704.9 | 741.8 | 772.0 | 800.2 | 810.9 | 822.5 | 841.0 | 853.6 | 860.4 | 863.4 |
| 115°   | 710.7 | 746.7 | 776.8 | 803.1 | 814.7 | 826.4 | 844.9 | 855.6 | 863.4 | 866.3 |
| 117.5° | 714.6 | 749.6 | 779.7 | 804.0 | 816.7 | 826.4 | 843.9 | 855.6 | 863.4 | 864.3 |
| 120°   | 715.6 | 750.6 | 779.7 | 804.0 | 814.7 | 825.4 | 842.9 | 854.6 | 862.4 | 862.4 |
| 122.5° | 715.6 | 749.6 | 778.8 | 802.1 | 811.8 | 821.5 | 838.1 | 851.7 | 858.5 | 858.5 |
| 125°   | 711.7 | 745.7 | 773.9 | 797.2 | 807.0 | 815.7 | 833.2 | 845.9 | 852.7 | 853.6 |
| 127.5° | 705.8 | 738.9 | 767.1 | 790.4 | 800.2 | 807.9 | 826.4 | 838.1 | 844.9 | 845.9 |
| 130°   | 698.1 | 731.1 | 758.3 | 780.7 | 790.4 | 799.2 | 814.7 | 827.4 | 835.2 | 837.1 |
| 132.5° | 689.3 | 720.4 | 747.7 | 769.0 | 778.8 | 786.5 | 802.1 | 814.7 | 821.5 | 824.5 |
| 135°   | 678.6 | 707.8 | 734.0 | 755.4 | 765.2 | 772.9 | 787.5 | 800.2 | 807.0 | 809.9 |
| 137.5° | 665.0 | 693.2 | 718.5 | 739.9 | 748.6 | 756.4 | 771.0 | 782.7 | 788.5 | 792.4 |
| 140°   | 649.5 | 675.7 | 702.0 | 721.4 | 730.2 | 737.9 | 750.6 | 763.2 | 769.0 | 772.0 |
| 142.5° | 632.9 | 659.2 | 682.5 | 702.0 | 709.7 | 717.5 | 730.2 | 741.8 | 747.7 | 748.6 |
| 145°   | 615.4 | 640.7 | 662.1 | 680.6 | 687.4 | 695.2 | 706.8 | 718.5 | 724.3 | 725.3 |
| 147.5° | 596.0 | 619.3 | 639.7 | 657.2 | 665.0 | 670.8 | 681.5 | 692.2 | 698.1 | 699.0 |
| 150°   | 573.6 | 595.0 | 613.5 | 631.0 | 637.8 | 643.6 | 655.3 | 665.0 | 670.8 | 671.8 |
| 152.5° | 552.2 | 572.7 | 588.2 | 603.8 | 610.6 | 616.4 | 626.1 | 635.8 | 641.7 | 642.7 |
| 155°   | 529.9 | 548.3 | 563.9 | 576.5 | 582.4 | 588.2 | 596.0 | 604.7 | 609.6 | 610.6 |
| 157.5° | 506.5 | 524.0 | 537.7 | 549.3 | 555.2 | 560.0 | 566.8 | 574.6 | 577.5 | 579.5 |
| 160°   | 481.3 | 495.8 | 507.5 | 519.2 | 524.0 | 528.9 | 535.7 | 541.5 | 545.4 | 546.4 |
| 162.5° | 454.0 | 466.7 | 476.4 | 487.1 | 490.0 | 493.9 | 500.7 | 506.5 | 509.5 | 510.4 |
| 165°   | 425.8 | 437.5 | 446.3 | 455.0 | 457.0 | 459.9 | 464.7 | 470.6 | 472.5 | 474.5 |
| 167.5° | 397.6 | 407.4 | 413.2 | 421.0 | 423.9 | 425.8 | 430.7 | 434.6 | 436.5 | 437.5 |
| 170°   | 370.4 | 377.2 | 382.1 | 387.9 | 388.9 | 391.8 | 394.7 | 398.6 | 399.6 | 399.6 |
| 172.5° | 349.0 | 352.0 | 354.9 | 356.8 | 357.8 | 358.8 | 360.7 | 361.7 | 361.7 | 361.7 |
| 175°   | 335.4 | 337.4 | 337.4 | 338.3 | 338.3 | 338.3 | 338.3 | 338.3 | 338.3 | 338.3 |
| 177.5° | 327.6 | 327.6 | 327.6 | 326.7 | 326.7 | 326.7 | 326.7 | 325.7 | 325.7 | 325.7 |
| 180°   | 325.7 | 325.7 | 325.7 | 325.7 | 325.7 | 325.7 | 325.7 | 325.7 | 325.7 | 325.7 |

(END OF REPORT)