

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: P395675

Luminaire Tested: **I3-UL-30L82765-1D-UNV-W2A-W-4 (4000K)**

Issue Date: 5/6/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P395675  
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-30L82765-1D-UNV-W2A-W-4 (4000K)  
Description: CORELITE I3, OPEN TOP  
3000 LUMENS, VIVIDTUNE TUNABLE WHITE  
Light Source: 2700K/6500K CCT, 80 CRI LEDS, TUNED TO 4000K CCT  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3024.5 lumens  
Efficiency: N/A  
Efficacy: 144.7 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

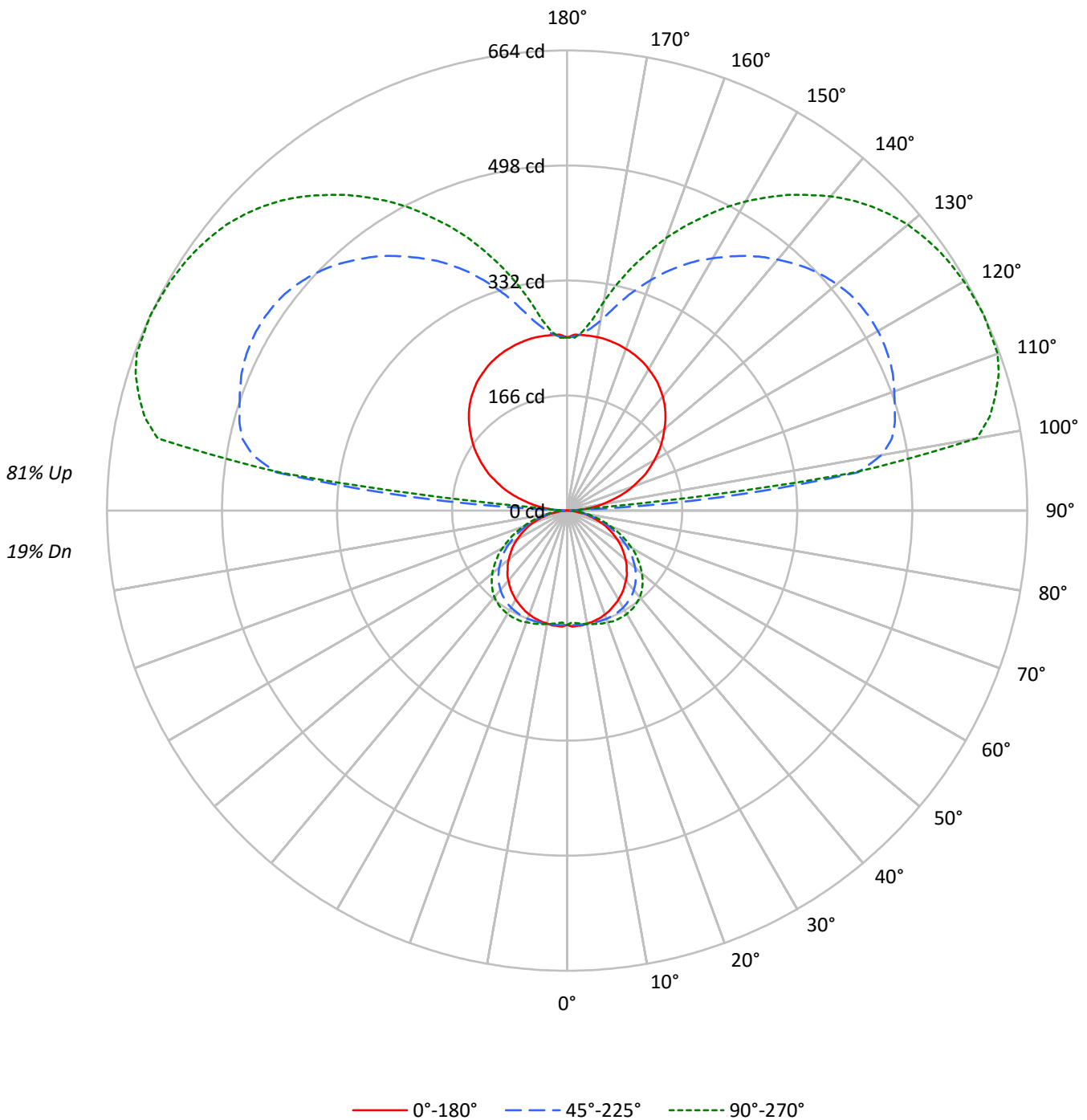
Input Watts (W): 20.9  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P395675

CATALOG NUMBER: I3-UL-30L82765-1D-UNV-W2A-W-4 (4000K)

### Luminous Intensity Polar Plot





TEST NUMBER: P395675

CATALOG NUMBER: I3-UL-30L82765-1D-UNV-W2A-W-4 (4000K)

**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°  | 905 | 905 | 905 |
| 5°  | 918 | 892 | 875 |
| 10° | 917 | 886 | 876 |
| 15° | 918 | 883 | 884 |
| 20° | 919 | 886 | 894 |
| 25° | 918 | 889 | 908 |
| 30° | 919 | 890 | 917 |
| 35° | 918 | 885 | 920 |
| 40° | 914 | 879 | 915 |
| 45° | 906 | 860 | 895 |
| 50° | 898 | 833 | 862 |
| 55° | 882 | 792 | 813 |
| 60° | 855 | 735 | 748 |
| 65° | 818 | 654 | 667 |
| 70° | 773 | 567 | 563 |
| 75° | 669 | 445 | 451 |
| 80° | 533 | 319 | 326 |
| 85° | 318 | 186 | 215 |



TEST NUMBER: P395675

CATALOG NUMBER: I3-UL-30L82765-1D-UNV-W2A-W-4 (4000K)

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 15.8   | 0.5       |
| 10°-20°   | 47.0   | 1.6       |
| 20°-30°   | 75.6   | 2.5       |
| 30°-40°   | 97.3   | 3.2       |
| 40°-50°   | 106.9  | 3.5       |
| 50°-60°   | 100.5  | 3.3       |
| 60°-70°   | 78.0   | 2.6       |
| 70°-80°   | 44.8   | 1.5       |
| 80°-90°   | 14.4   | 0.5       |
| 90°-100°  | 193.3  | 6.4       |
| 100°-110° | 459.4  | 15.2      |
| 110°-120° | 461.5  | 15.3      |
| 120°-130° | 423.3  | 14.0      |
| 130°-140° | 353.9  | 11.7      |
| 140°-150° | 265.6  | 8.8       |
| 150°-160° | 172.9  | 5.7       |
| 160°-170° | 89.1   | 2.9       |
| 170°-180° | 25.2   | 0.8       |
| 0°-30°    | 138.4  | 4.6       |
| 0°-40°    | 235.7  | 7.8       |
| 0°-60°    | 443.0  | 14.6      |
| 0°-90°    | 580.2  | 19.2      |
| 90°-120°  | 1114.3 | 36.8      |
| 90°-150°  | 2157.1 | 71.3      |
| 90°-180°  | 2444.0 | 80.8      |
| 0°-180°   | 3024.5 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|-----|-------|-----|------|
| 0°   | 165 | 165   | 165 | 165   | 165 |      |
| 5°   | 167 | 166   | 166 | 165   | 163 | 16   |
| 15°  | 163 | 162   | 166 | 168   | 169 | 46   |
| 25°  | 154 | 156   | 165 | 171   | 173 | 71   |
| 35°  | 141 | 145   | 156 | 166   | 169 | 88   |
| 45°  | 122 | 128   | 140 | 151   | 154 | 94   |
| 55°  | 98  | 103   | 114 | 122   | 125 | 87   |
| 65°  | 69  | 72    | 79  | 86    | 88  | 68   |
| 75°  | 36  | 38    | 42  | 46    | 48  | 39   |
| 85°  | 8   | 9     | 12  | 16    | 16  | 9    |
| 90°  | 1   | 2     | 4   | 7     | 8   | 2    |
| 95°  | 26  | 216   | 222 | 30    | 25  | 26   |
| 105° | 75  | 290   | 490 | 604   | 640 | 80   |
| 115° | 124 | 326   | 514 | 625   | 664 | 122  |
| 125° | 166 | 341   | 516 | 619   | 654 | 148  |
| 135° | 200 | 339   | 493 | 587   | 621 | 155  |
| 145° | 227 | 325   | 449 | 527   | 556 | 142  |
| 155° | 243 | 298   | 390 | 446   | 468 | 112  |
| 165° | 252 | 269   | 316 | 350   | 364 | 71   |
| 175° | 254 | 253   | 256 | 259   | 259 | 24   |
| 180° | 250 | 250   | 250 | 250   | 250 |      |



TEST NUMBER: P395675

CATALOG NUMBER: I3-UL-30L82765-1D-UNV-W2A-W-4 (4000K)

**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 164.7 | 164.7 | 164.7 | 164.7 | 164.7 | 164.7 | 164.7 | 164.7 | 164.7 | 164.7 | 164.7 |
| 2.5°   | 167.7 | 167.0 | 166.2 | 166.2 | 165.5 | 165.5 | 165.5 | 164.7 | 164.7 | 164.7 | 165.5 |
| 5°     | 167.0 | 167.0 | 166.2 | 165.5 | 165.5 | 165.5 | 164.7 | 164.7 | 164.7 | 164.7 | 165.5 |
| 7.5°   | 167.0 | 166.2 | 165.5 | 165.5 | 164.7 | 164.7 | 164.7 | 164.7 | 164.7 | 164.7 | 165.5 |
| 10°    | 165.5 | 165.5 | 164.7 | 164.7 | 164.0 | 164.7 | 164.7 | 164.7 | 164.7 | 164.7 | 166.2 |
| 12.5°  | 164.7 | 164.7 | 164.0 | 163.2 | 163.2 | 163.2 | 164.0 | 164.0 | 164.0 | 164.7 | 166.2 |
| 15°    | 163.2 | 163.2 | 162.5 | 162.5 | 162.5 | 162.5 | 163.2 | 163.2 | 164.0 | 164.7 | 166.2 |
| 17.5°  | 161.7 | 161.7 | 161.0 | 161.0 | 161.0 | 161.7 | 161.7 | 162.5 | 163.2 | 164.7 | 166.2 |
| 20°    | 159.5 | 159.5 | 159.5 | 159.5 | 159.5 | 160.3 | 160.3 | 161.0 | 162.5 | 164.0 | 166.2 |
| 22.5°  | 157.3 | 157.3 | 157.3 | 157.3 | 157.3 | 158.0 | 158.8 | 160.3 | 161.0 | 163.2 | 165.5 |
| 25°    | 154.3 | 154.3 | 154.3 | 154.3 | 155.0 | 155.8 | 156.5 | 158.0 | 159.5 | 161.7 | 164.7 |
| 27.5°  | 151.3 | 152.1 | 152.1 | 152.1 | 152.8 | 153.5 | 154.3 | 155.8 | 158.0 | 161.0 | 163.2 |
| 30°    | 148.3 | 148.3 | 148.3 | 149.1 | 149.8 | 150.6 | 152.1 | 153.5 | 155.8 | 158.8 | 161.7 |
| 32.5°  | 144.6 | 144.6 | 145.3 | 145.3 | 146.8 | 147.6 | 149.1 | 151.3 | 153.5 | 156.5 | 159.5 |
| 35°    | 140.9 | 140.9 | 140.9 | 142.4 | 143.1 | 144.6 | 145.3 | 147.6 | 150.6 | 153.5 | 156.5 |
| 37.5°  | 136.4 | 137.1 | 137.1 | 137.9 | 139.4 | 140.9 | 141.6 | 144.6 | 147.6 | 150.6 | 153.5 |
| 40°    | 131.9 | 132.7 | 132.7 | 133.4 | 135.7 | 136.4 | 137.9 | 140.9 | 143.1 | 146.8 | 149.8 |
| 42.5°  | 127.5 | 127.5 | 128.2 | 128.9 | 131.2 | 131.9 | 133.4 | 136.4 | 139.4 | 142.4 | 145.3 |
| 45°    | 121.5 | 122.2 | 123.0 | 123.7 | 126.0 | 127.5 | 128.9 | 131.2 | 134.2 | 137.1 | 140.1 |
| 47.5°  | 116.3 | 116.3 | 117.0 | 118.5 | 120.8 | 122.2 | 123.0 | 126.0 | 128.2 | 131.2 | 134.2 |
| 50°    | 110.3 | 111.1 | 111.1 | 112.6 | 114.8 | 116.3 | 117.0 | 120.0 | 122.2 | 125.2 | 128.2 |
| 52.5°  | 103.6 | 104.4 | 105.1 | 106.6 | 108.8 | 110.3 | 111.1 | 113.3 | 115.5 | 118.5 | 120.8 |
| 55°    | 97.6  | 98.4  | 98.4  | 99.9  | 102.1 | 102.9 | 104.4 | 105.8 | 108.8 | 111.1 | 114.0 |
| 57.5°  | 90.9  | 91.7  | 91.7  | 93.2  | 94.7  | 96.2  | 96.9  | 99.1  | 101.4 | 103.6 | 105.8 |
| 60°    | 83.5  | 84.2  | 85.0  | 85.7  | 87.2  | 88.7  | 89.4  | 90.9  | 93.2  | 95.4  | 97.6  |
| 62.5°  | 76.0  | 76.8  | 77.5  | 78.3  | 79.8  | 80.5  | 81.2  | 83.5  | 85.0  | 87.2  | 88.7  |
| 65°    | 68.6  | 69.3  | 70.1  | 70.8  | 71.6  | 72.3  | 73.0  | 74.5  | 76.0  | 78.3  | 79.0  |
| 67.5°  | 61.1  | 61.9  | 61.9  | 62.6  | 63.4  | 64.1  | 64.8  | 66.3  | 67.1  | 69.3  | 70.1  |
| 70°    | 53.7  | 53.7  | 53.7  | 54.4  | 54.4  | 55.2  | 55.9  | 57.4  | 58.1  | 59.6  | 61.1  |
| 72.5°  | 44.7  | 45.5  | 45.5  | 45.5  | 46.2  | 47.0  | 47.7  | 48.4  | 49.2  | 49.9  | 51.4  |
| 75°    | 36.5  | 37.3  | 36.5  | 37.3  | 38.0  | 38.0  | 38.8  | 39.5  | 40.3  | 41.0  | 41.7  |
| 77.5°  | 29.1  | 28.3  | 29.1  | 29.1  | 29.8  | 29.8  | 29.8  | 30.6  | 32.1  | 32.1  | 33.5  |
| 80°    | 20.9  | 20.9  | 20.9  | 20.9  | 21.6  | 21.6  | 22.4  | 22.4  | 23.9  | 24.6  | 25.3  |
| 82.5°  | 13.4  | 13.4  | 14.2  | 14.2  | 14.2  | 14.9  | 14.9  | 15.7  | 16.4  | 17.1  | 17.9  |
| 85°    | 7.5   | 7.5   | 7.5   | 8.2   | 8.2   | 8.9   | 8.9   | 9.7   | 10.4  | 11.2  | 11.9  |
| 87.5°  | 2.2   | 3.0   | 3.7   | 3.7   | 4.5   | 4.5   | 5.2   | 5.2   | 6.7   | 7.5   | 8.2   |
| 90°    | 0.7   | 0.7   | 1.5   | 1.5   | 1.5   | 2.2   | 2.2   | 3.0   | 3.0   | 3.7   | 4.5   |
| 92.5°  | 12.7  | 29.8  | 61.9  | 92.4  | 79.8  | 74.5  | 44.7  | 13.4  | 11.9  | 12.7  | 12.7  |
| 95°    | 26.1  | 49.2  | 90.2  | 146.1 | 189.3 | 216.2 | 234.0 | 268.3 | 303.4 | 297.4 | 222.1 |
| 97.5°  | 38.0  | 63.4  | 108.8 | 160.3 | 219.9 | 250.4 | 273.6 | 314.5 | 359.3 | 396.5 | 423.4 |
| 100°   | 49.9  | 76.0  | 124.5 | 178.1 | 233.3 | 260.9 | 287.7 | 343.6 | 387.6 | 424.9 | 460.6 |
| 102.5° | 62.6  | 88.7  | 138.6 | 194.5 | 249.0 | 275.8 | 301.9 | 351.1 | 400.3 | 445.0 | 480.0 |
| 105°   | 75.3  | 102.1 | 151.3 | 208.7 | 263.1 | 289.9 | 315.3 | 362.3 | 407.7 | 449.5 | 489.7 |
| 107.5° | 88.7  | 114.0 | 162.5 | 219.9 | 274.3 | 301.1 | 326.5 | 373.4 | 417.4 | 459.1 | 495.7 |
| 110°   | 100.6 | 125.2 | 173.7 | 230.3 | 284.7 | 311.6 | 336.9 | 383.9 | 427.1 | 466.6 | 502.4 |



TEST NUMBER: P395675

CATALOG NUMBER: I3-UL-30L82765-1D-UNV-W2A-W-4 (4000K)

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 111.8 | 135.7 | 184.1 | 239.3 | 292.9 | 319.8 | 344.4 | 391.3 | 434.6 | 473.3 | 509.1 |
| 115°   | 124.5 | 145.3 | 194.5 | 247.5 | 300.4 | 326.5 | 351.1 | 397.3 | 440.5 | 478.5 | 513.6 |
| 117.5° | 134.9 | 155.0 | 203.5 | 254.2 | 306.3 | 331.7 | 355.5 | 401.8 | 444.2 | 482.3 | 516.5 |
| 120°   | 145.3 | 164.0 | 211.7 | 260.1 | 310.8 | 335.4 | 359.3 | 404.7 | 447.2 | 484.5 | 518.0 |
| 122.5° | 155.8 | 172.9 | 218.4 | 266.1 | 314.5 | 339.1 | 362.3 | 407.0 | 448.7 | 485.2 | 518.0 |
| 125°   | 165.5 | 180.4 | 224.4 | 270.6 | 316.8 | 340.6 | 363.0 | 407.0 | 448.0 | 483.7 | 516.5 |
| 127.5° | 174.4 | 188.6 | 228.8 | 275.0 | 318.3 | 341.4 | 363.0 | 405.5 | 446.5 | 481.5 | 513.6 |
| 130°   | 183.4 | 196.0 | 233.3 | 277.3 | 319.8 | 340.6 | 361.5 | 402.5 | 442.8 | 477.8 | 508.3 |
| 132.5° | 192.3 | 204.2 | 237.0 | 279.5 | 320.5 | 340.6 | 360.0 | 399.5 | 438.3 | 472.6 | 501.6 |
| 135°   | 200.5 | 210.2 | 240.8 | 281.0 | 319.8 | 339.1 | 357.0 | 394.3 | 431.6 | 465.1 | 493.4 |
| 137.5° | 208.0 | 216.2 | 243.7 | 281.8 | 319.0 | 336.9 | 354.8 | 388.3 | 423.4 | 456.2 | 483.7 |
| 140°   | 214.7 | 222.1 | 245.2 | 281.8 | 316.0 | 333.9 | 350.3 | 382.4 | 414.4 | 445.7 | 472.6 |
| 142.5° | 220.6 | 227.3 | 247.5 | 280.3 | 313.1 | 330.2 | 345.9 | 376.4 | 405.5 | 435.3 | 461.4 |
| 145°   | 226.6 | 231.8 | 249.0 | 279.5 | 309.3 | 325.0 | 339.9 | 369.0 | 397.3 | 424.1 | 448.7 |
| 147.5° | 231.1 | 236.3 | 250.4 | 276.5 | 304.9 | 319.0 | 333.2 | 360.8 | 386.8 | 412.2 | 434.6 |
| 150°   | 235.5 | 240.0 | 251.2 | 273.6 | 299.6 | 312.3 | 325.0 | 351.1 | 376.4 | 399.5 | 420.4 |
| 152.5° | 240.0 | 243.0 | 253.4 | 270.6 | 293.7 | 305.6 | 318.3 | 341.4 | 364.5 | 386.1 | 406.2 |
| 155°   | 243.0 | 245.2 | 254.2 | 267.6 | 287.7 | 298.1 | 308.6 | 330.2 | 351.1 | 371.2 | 389.8 |
| 157.5° | 246.0 | 248.2 | 254.9 | 265.4 | 281.0 | 290.7 | 299.6 | 318.3 | 337.7 | 355.5 | 372.7 |
| 160°   | 248.2 | 249.7 | 254.9 | 263.9 | 275.0 | 281.8 | 289.9 | 307.1 | 323.5 | 339.1 | 354.1 |
| 162.5° | 250.4 | 251.2 | 254.9 | 261.6 | 269.8 | 274.3 | 280.3 | 293.7 | 308.6 | 322.0 | 335.4 |
| 165°   | 251.9 | 252.7 | 254.9 | 260.1 | 265.4 | 269.1 | 272.1 | 281.8 | 292.9 | 304.9 | 316.0 |
| 167.5° | 253.4 | 253.4 | 254.9 | 258.6 | 261.6 | 263.9 | 266.1 | 271.3 | 278.8 | 287.7 | 295.9 |
| 170°   | 254.2 | 254.2 | 254.9 | 257.2 | 259.4 | 260.1 | 261.6 | 264.6 | 268.3 | 272.8 | 278.0 |
| 172.5° | 254.2 | 254.2 | 254.2 | 255.7 | 256.4 | 256.4 | 256.4 | 257.9 | 260.1 | 263.1 | 265.4 |
| 175°   | 254.2 | 253.4 | 253.4 | 254.2 | 253.4 | 253.4 | 253.4 | 253.4 | 254.2 | 255.7 | 256.4 |
| 177.5° | 254.2 | 253.4 | 252.7 | 252.7 | 251.9 | 251.9 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 |
| 180°   | 249.7 | 249.7 | 249.7 | 249.7 | 249.7 | 249.7 | 249.7 | 249.7 | 249.7 | 249.7 | 249.7 |



TEST NUMBER: P395675

CATALOG NUMBER: I3-UL-30L82765-1D-UNV-W2A-W-4 (4000K)

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 164.7 | 164.7 | 164.7 | 164.7 | 164.7 | 164.7 | 164.7 | 164.7 | 164.7 | 164.7 |
| 2.5°   | 165.5 | 165.5 | 164.7 | 164.0 | 164.0 | 164.0 | 163.2 | 162.5 | 161.7 | 161.7 |
| 5°     | 165.5 | 165.5 | 164.7 | 164.7 | 164.7 | 164.7 | 164.0 | 164.0 | 163.2 | 163.2 |
| 7.5°   | 166.2 | 165.5 | 165.5 | 165.5 | 165.5 | 165.5 | 165.5 | 165.5 | 164.7 | 164.7 |
| 10°    | 166.2 | 166.2 | 166.2 | 166.2 | 166.2 | 166.2 | 166.2 | 166.2 | 166.2 | 166.2 |
| 12.5°  | 167.0 | 167.0 | 167.0 | 167.0 | 167.7 | 167.7 | 167.7 | 167.7 | 167.7 | 167.7 |
| 15°    | 167.0 | 167.7 | 168.5 | 168.5 | 168.5 | 169.2 | 169.2 | 169.2 | 169.2 | 169.2 |
| 17.5°  | 167.7 | 168.5 | 169.2 | 169.2 | 169.9 | 169.9 | 170.7 | 170.7 | 170.7 | 170.7 |
| 20°    | 167.7 | 168.5 | 169.2 | 169.9 | 170.7 | 170.7 | 171.4 | 172.2 | 172.2 | 171.4 |
| 22.5°  | 167.0 | 168.5 | 169.2 | 169.9 | 170.7 | 171.4 | 172.2 | 172.9 | 172.9 | 172.9 |
| 25°    | 166.2 | 167.7 | 169.2 | 170.7 | 170.7 | 171.4 | 172.9 | 172.9 | 172.9 | 172.9 |
| 27.5°  | 165.5 | 167.0 | 168.5 | 169.9 | 170.7 | 171.4 | 172.2 | 172.9 | 172.9 | 172.9 |
| 30°    | 164.0 | 166.2 | 167.7 | 169.2 | 169.9 | 170.7 | 171.4 | 172.2 | 172.2 | 172.2 |
| 32.5°  | 161.7 | 164.0 | 165.5 | 167.7 | 168.5 | 169.2 | 169.9 | 170.7 | 170.7 | 170.7 |
| 35°    | 159.5 | 161.7 | 163.2 | 165.5 | 166.2 | 167.0 | 168.5 | 168.5 | 169.2 | 169.2 |
| 37.5°  | 155.8 | 158.8 | 160.3 | 162.5 | 163.2 | 164.0 | 165.5 | 166.2 | 166.2 | 166.2 |
| 40°    | 152.1 | 155.0 | 156.5 | 158.8 | 159.5 | 160.3 | 161.7 | 162.5 | 163.2 | 163.2 |
| 42.5°  | 147.6 | 150.6 | 152.1 | 154.3 | 155.0 | 155.8 | 157.3 | 158.0 | 158.8 | 158.8 |
| 45°    | 143.1 | 145.3 | 146.8 | 149.1 | 150.6 | 150.6 | 152.1 | 152.8 | 153.5 | 153.5 |
| 47.5°  | 137.1 | 139.4 | 140.9 | 143.1 | 144.6 | 145.3 | 146.1 | 146.8 | 147.6 | 147.6 |
| 50°    | 130.4 | 132.7 | 134.9 | 136.4 | 137.9 | 137.9 | 139.4 | 140.1 | 140.9 | 140.9 |
| 52.5°  | 123.7 | 125.2 | 127.5 | 129.7 | 130.4 | 131.2 | 131.9 | 132.7 | 133.4 | 133.4 |
| 55°    | 116.3 | 117.8 | 120.0 | 121.5 | 122.2 | 123.0 | 123.7 | 124.5 | 125.2 | 125.2 |
| 57.5°  | 108.1 | 109.6 | 111.8 | 113.3 | 114.0 | 114.8 | 115.5 | 116.3 | 117.0 | 117.0 |
| 60°    | 99.1  | 100.6 | 102.9 | 104.4 | 105.1 | 105.1 | 106.6 | 107.3 | 107.3 | 107.3 |
| 62.5°  | 90.2  | 91.7  | 93.2  | 94.7  | 95.4  | 96.2  | 96.9  | 97.6  | 97.6  | 97.6  |
| 65°    | 81.2  | 82.7  | 84.2  | 85.0  | 85.7  | 85.7  | 86.5  | 87.2  | 88.0  | 88.0  |
| 67.5°  | 71.6  | 73.0  | 74.5  | 75.3  | 76.0  | 76.0  | 76.8  | 77.5  | 77.5  | 77.5  |
| 70°    | 61.9  | 62.6  | 64.1  | 64.8  | 65.6  | 65.6  | 67.1  | 67.1  | 67.1  | 67.1  |
| 72.5°  | 52.2  | 52.9  | 54.4  | 55.2  | 55.9  | 55.9  | 56.6  | 57.4  | 57.4  | 57.4  |
| 75°    | 43.2  | 44.0  | 44.7  | 46.2  | 46.2  | 46.2  | 47.0  | 47.7  | 47.7  | 47.7  |
| 77.5°  | 34.3  | 35.0  | 35.8  | 36.5  | 37.3  | 37.3  | 38.0  | 38.8  | 38.8  | 38.8  |
| 80°    | 26.1  | 26.8  | 27.6  | 28.3  | 28.3  | 29.1  | 29.1  | 29.8  | 29.8  | 29.8  |
| 82.5°  | 18.6  | 19.4  | 20.1  | 20.9  | 21.6  | 21.6  | 22.4  | 23.1  | 23.1  | 22.4  |
| 85°    | 12.7  | 14.2  | 14.9  | 15.7  | 15.7  | 15.7  | 16.4  | 17.1  | 17.1  | 16.4  |
| 87.5°  | 8.9   | 8.9   | 9.7   | 10.4  | 10.4  | 11.2  | 11.2  | 11.9  | 11.9  | 11.9  |
| 90°    | 5.2   | 5.2   | 6.0   | 6.0   | 6.7   | 6.7   | 6.7   | 7.5   | 7.5   | 7.5   |
| 92.5°  | 12.7  | 12.7  | 13.4  | 13.4  | 13.4  | 13.4  | 14.2  | 14.2  | 14.2  | 14.2  |
| 95°    | 135.7 | 61.1  | 51.4  | 31.3  | 29.8  | 26.1  | 25.3  | 26.1  | 26.1  | 25.3  |
| 97.5°  | 455.4 | 487.5 | 507.6 | 517.3 | 505.4 | 492.7 | 478.5 | 476.3 | 456.9 | 413.7 |
| 100°   | 491.2 | 516.5 | 541.1 | 558.3 | 565.0 | 571.0 | 584.4 | 592.6 | 596.3 | 600.0 |
| 102.5° | 509.1 | 535.9 | 557.5 | 579.2 | 588.1 | 596.3 | 608.2 | 617.9 | 621.6 | 624.6 |
| 105°   | 524.7 | 552.3 | 576.2 | 595.6 | 603.8 | 611.2 | 623.1 | 632.1 | 638.8 | 639.5 |
| 107.5° | 528.5 | 557.5 | 584.4 | 608.2 | 617.9 | 626.1 | 640.3 | 647.0 | 652.9 | 652.9 |
| 110°   | 535.2 | 562.8 | 587.4 | 609.0 | 618.7 | 628.3 | 643.3 | 653.7 | 659.7 | 661.1 |





TEST NUMBER: P395675

CATALOG NUMBER: I3-UL-30L82765-1D-UNV-W2A-W-4 (4000K)

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 540.4 | 568.7 | 591.8 | 613.4 | 621.6 | 630.6 | 644.7 | 654.4 | 659.7 | 661.9 |
| 115°   | 544.9 | 572.4 | 595.6 | 615.7 | 624.6 | 633.6 | 647.7 | 655.9 | 661.9 | 664.1 |
| 117.5° | 547.8 | 574.7 | 597.8 | 616.4 | 626.1 | 633.6 | 647.0 | 655.9 | 661.9 | 662.6 |
| 120°   | 548.6 | 575.4 | 597.8 | 616.4 | 624.6 | 632.8 | 646.2 | 655.2 | 661.1 | 661.1 |
| 122.5° | 548.6 | 574.7 | 597.0 | 614.9 | 622.4 | 629.8 | 642.5 | 652.9 | 658.2 | 658.2 |
| 125°   | 545.6 | 571.7 | 593.3 | 611.2 | 618.7 | 625.4 | 638.8 | 648.5 | 653.7 | 654.4 |
| 127.5° | 541.1 | 566.5 | 588.1 | 606.0 | 613.4 | 619.4 | 633.6 | 642.5 | 647.7 | 648.5 |
| 130°   | 535.2 | 560.5 | 581.4 | 598.5 | 606.0 | 612.7 | 624.6 | 634.3 | 640.3 | 641.8 |
| 132.5° | 528.5 | 552.3 | 573.2 | 589.6 | 597.0 | 603.0 | 614.9 | 624.6 | 629.8 | 632.1 |
| 135°   | 520.3 | 542.6 | 562.8 | 579.2 | 586.6 | 592.6 | 603.8 | 613.4 | 618.7 | 620.9 |
| 137.5° | 509.8 | 531.5 | 550.8 | 567.2 | 573.9 | 579.9 | 591.1 | 600.0 | 604.5 | 607.5 |
| 140°   | 497.9 | 518.0 | 538.2 | 553.1 | 559.8 | 565.7 | 575.4 | 585.1 | 589.6 | 591.8 |
| 142.5° | 485.2 | 505.4 | 523.3 | 538.2 | 544.1 | 550.1 | 559.8 | 568.7 | 573.2 | 573.9 |
| 145°   | 471.8 | 491.2 | 507.6 | 521.8 | 527.0 | 532.9 | 541.9 | 550.8 | 555.3 | 556.0 |
| 147.5° | 456.9 | 474.8 | 490.5 | 503.9 | 509.8 | 514.3 | 522.5 | 530.7 | 535.2 | 535.9 |
| 150°   | 439.8 | 456.2 | 470.3 | 483.7 | 489.0 | 493.4 | 502.4 | 509.8 | 514.3 | 515.1 |
| 152.5° | 423.4 | 439.0 | 451.0 | 462.9 | 468.1 | 472.6 | 480.0 | 487.5 | 491.9 | 492.7 |
| 155°   | 406.2 | 420.4 | 432.3 | 442.0 | 446.5 | 451.0 | 456.9 | 463.6 | 467.3 | 468.1 |
| 157.5° | 388.3 | 401.8 | 412.2 | 421.1 | 425.6 | 429.3 | 434.6 | 440.5 | 442.8 | 444.2 |
| 160°   | 369.0 | 380.1 | 389.1 | 398.0 | 401.8 | 405.5 | 410.7 | 415.2 | 418.2 | 418.9 |
| 162.5° | 348.1 | 357.8 | 365.2 | 373.4 | 375.7 | 378.6 | 383.9 | 388.3 | 390.6 | 391.3 |
| 165°   | 326.5 | 335.4 | 342.1 | 348.8 | 350.3 | 352.6 | 356.3 | 360.8 | 362.3 | 363.7 |
| 167.5° | 304.9 | 312.3 | 316.8 | 322.7 | 325.0 | 326.5 | 330.2 | 333.2 | 334.7 | 335.4 |
| 170°   | 284.0 | 289.2 | 292.9 | 297.4 | 298.1 | 300.4 | 302.6 | 305.6 | 306.3 | 306.3 |
| 172.5° | 267.6 | 269.8 | 272.1 | 273.6 | 274.3 | 275.0 | 276.5 | 277.3 | 277.3 | 277.3 |
| 175°   | 257.2 | 258.6 | 258.6 | 259.4 | 259.4 | 259.4 | 259.4 | 259.4 | 259.4 | 259.4 |
| 177.5° | 251.2 | 251.2 | 251.2 | 250.4 | 250.4 | 250.4 | 250.4 | 249.7 | 249.7 | 249.7 |
| 180°   | 249.7 | 249.7 | 249.7 | 249.7 | 249.7 | 249.7 | 249.7 | 249.7 | 249.7 | 249.7 |

(END OF REPORT)