

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: P395701

Luminaire Tested: **I3-UL-40L82765-1D-UNV-W2A-W-4 (4000K)**

Issue Date: 5/6/2020

Test Information

Test Method: LM-79-08
Report Number: P395701
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 (4000K)
Description: CORELITE I3, OPEN TOP
4000 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: 4029.8 lumens
Efficiency: N/A
Efficacy: 142.9 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

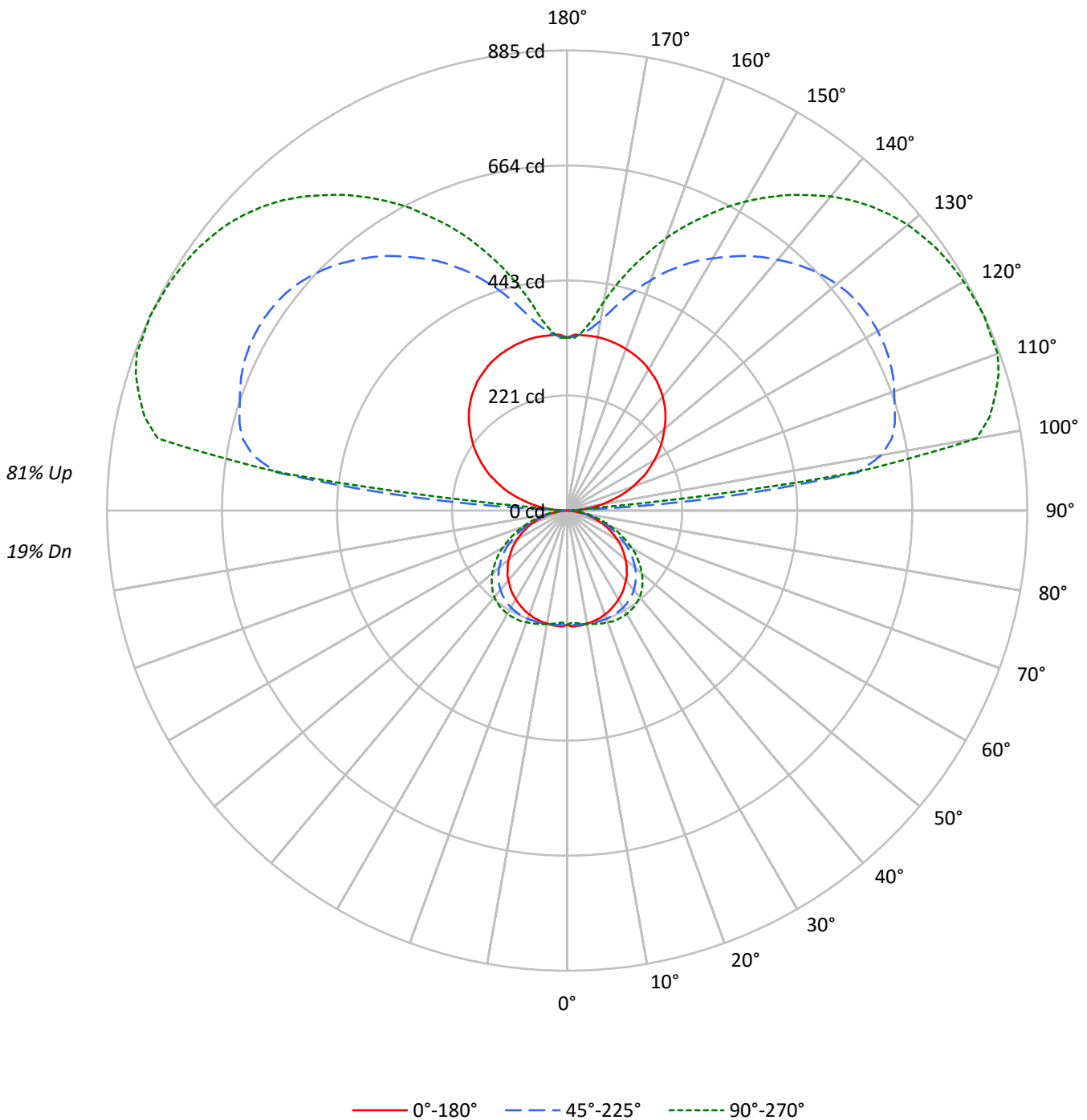
Input Watts (W): 28.2
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P395701

CATALOG NUMBER: I3-UL-40L82765-1D-UNV-W2A-W-4 (4000K)

Luminous Intensity Polar Plot





TEST NUMBER: P395701

CATALOG NUMBER: I3-UL-40L82765-1D-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 | 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° | 1206 | 1206 | 1206 |
| 5° | 1223 | 1189 | 1166 |
| 10° | 1222 | 1181 | 1168 |
| 15° | 1224 | 1177 | 1177 |
| 20° | 1224 | 1181 | 1191 |
| 25° | 1223 | 1184 | 1209 |
| 30° | 1224 | 1186 | 1221 |
| 35° | 1223 | 1180 | 1226 |
| 40° | 1218 | 1171 | 1219 |
| 45° | 1207 | 1147 | 1193 |
| 50° | 1196 | 1109 | 1149 |
| 55° | 1175 | 1056 | 1083 |
| 60° | 1139 | 979 | 997 |
| 65° | 1089 | 872 | 889 |
| 70° | 1029 | 756 | 750 |
| 75° | 892 | 593 | 602 |
| 80° | 709 | 427 | 435 |
| 85° | 420 | 248 | 286 |



TEST NUMBER: P395701

CATALOG NUMBER: I3-UL-40L82765-1D-UNV-W2A-W-4 (4000K)

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 21.0 | 0.5 |
| 10°-20° | 62.6 | 1.6 |
| 20°-30° | 100.7 | 2.5 |
| 30°-40° | 129.6 | 3.2 |
| 40°-50° | 142.4 | 3.5 |
| 50°-60° | 133.8 | 3.3 |
| 60°-70° | 104.0 | 2.6 |
| 70°-80° | 59.7 | 1.5 |
| 80°-90° | 19.1 | 0.5 |
| 90°-100° | 257.6 | 6.4 |
| 100°-110° | 612.2 | 15.2 |
| 110°-120° | 614.9 | 15.3 |
| 120°-130° | 564.0 | 14.0 |
| 130°-140° | 471.6 | 11.7 |
| 140°-150° | 353.9 | 8.8 |
| 150°-160° | 230.4 | 5.7 |
| 160°-170° | 118.7 | 2.9 |
| 170°-180° | 33.6 | 0.8 |
| 0°-30° | 184.4 | 4.6 |
| 0°-40° | 314.0 | 7.8 |
| 0°-60° | 590.2 | 14.6 |
| 0°-90° | 773.0 | 19.2 |
| 90°-120° | 1484.7 | 36.8 |
| 90°-150° | 2874.2 | 71.3 |
| 90°-180° | 3257.0 | 80.8 |
| 0°-180° | 4029.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|-----|-------|-----|------|
| 0° | 220 | 220 | 220 | 220 | 220 | |
| 5° | 222 | 220 | 220 | 220 | 218 | 21 |
| 15° | 218 | 216 | 222 | 224 | 225 | 61 |
| 25° | 206 | 208 | 220 | 227 | 230 | 95 |
| 35° | 188 | 193 | 209 | 222 | 225 | 117 |
| 45° | 162 | 170 | 187 | 201 | 205 | 125 |
| 55° | 130 | 137 | 152 | 163 | 167 | 116 |
| 65° | 91 | 96 | 105 | 114 | 117 | 90 |
| 75° | 49 | 51 | 56 | 62 | 64 | 52 |
| 85° | 10 | 12 | 16 | 21 | 22 | 12 |
| 90° | 1 | 3 | 6 | 9 | 10 | 3 |
| 95° | 35 | 288 | 296 | 40 | 34 | 35 |
| 105° | 100 | 386 | 652 | 804 | 852 | 106 |
| 115° | 166 | 435 | 684 | 832 | 885 | 163 |
| 125° | 220 | 454 | 688 | 824 | 872 | 197 |
| 135° | 267 | 452 | 658 | 782 | 827 | 206 |
| 145° | 302 | 433 | 598 | 702 | 741 | 189 |
| 155° | 324 | 397 | 519 | 595 | 624 | 149 |
| 165° | 336 | 358 | 421 | 467 | 485 | 95 |
| 175° | 339 | 338 | 342 | 346 | 346 | 32 |
| 180° | 333 | 333 | 333 | 333 | 333 | |



TEST NUMBER: P395701

CATALOG NUMBER: I3-UL-40L82765-1D-UNV-W2A-W-4 (4000K)

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 219.5 | 219.5 | 219.5 | 219.5 | 219.5 | 219.5 | 219.5 | 219.5 | 219.5 | 219.5 | 219.5 |
| 2.5° | 223.5 | 222.5 | 221.5 | 221.5 | 220.5 | 220.5 | 220.5 | 219.5 | 219.5 | 219.5 | 220.5 |
| 5° | 222.5 | 222.5 | 221.5 | 220.5 | 220.5 | 220.5 | 219.5 | 219.5 | 219.5 | 219.5 | 220.5 |
| 7.5° | 222.5 | 221.5 | 220.5 | 220.5 | 219.5 | 219.5 | 219.5 | 219.5 | 219.5 | 219.5 | 220.5 |
| 10° | 220.5 | 220.5 | 219.5 | 219.5 | 218.5 | 219.5 | 219.5 | 219.5 | 219.5 | 219.5 | 221.5 |
| 12.5° | 219.5 | 219.5 | 218.5 | 217.5 | 217.5 | 217.5 | 218.5 | 218.5 | 218.5 | 219.5 | 221.5 |
| 15° | 217.5 | 217.5 | 216.5 | 216.5 | 216.5 | 216.5 | 217.5 | 217.5 | 218.5 | 219.5 | 221.5 |
| 17.5° | 215.5 | 215.5 | 214.5 | 214.5 | 214.5 | 215.5 | 215.5 | 216.5 | 217.5 | 219.5 | 221.5 |
| 20° | 212.5 | 212.5 | 212.5 | 212.5 | 212.5 | 213.5 | 213.5 | 214.5 | 216.5 | 218.5 | 221.5 |
| 22.5° | 209.6 | 209.6 | 209.6 | 209.6 | 209.6 | 210.5 | 211.5 | 213.5 | 214.5 | 217.5 | 220.5 |
| 25° | 205.6 | 205.6 | 205.6 | 205.6 | 206.6 | 207.6 | 208.6 | 210.5 | 212.5 | 215.5 | 219.5 |
| 27.5° | 201.6 | 202.6 | 202.6 | 202.6 | 203.6 | 204.6 | 205.6 | 207.6 | 210.5 | 214.5 | 217.5 |
| 30° | 197.6 | 197.6 | 197.6 | 198.6 | 199.6 | 200.6 | 202.6 | 204.6 | 207.6 | 211.5 | 215.5 |
| 32.5° | 192.7 | 192.7 | 193.7 | 193.7 | 195.6 | 196.6 | 198.6 | 201.6 | 204.6 | 208.6 | 212.5 |
| 35° | 187.7 | 187.7 | 187.7 | 189.7 | 190.7 | 192.7 | 193.7 | 196.6 | 200.6 | 204.6 | 208.6 |
| 37.5° | 181.7 | 182.7 | 182.7 | 183.7 | 185.7 | 187.7 | 188.7 | 192.7 | 196.6 | 200.6 | 204.6 |
| 40° | 175.8 | 176.8 | 176.8 | 177.8 | 180.8 | 181.7 | 183.7 | 187.7 | 190.7 | 195.6 | 199.6 |
| 42.5° | 169.8 | 169.8 | 170.8 | 171.8 | 174.8 | 175.8 | 177.8 | 181.7 | 185.7 | 189.7 | 193.7 |
| 45° | 161.9 | 162.9 | 163.9 | 164.9 | 167.8 | 169.8 | 171.8 | 174.8 | 178.8 | 182.7 | 186.7 |
| 47.5° | 154.9 | 154.9 | 155.9 | 157.9 | 160.9 | 162.9 | 163.9 | 167.8 | 170.8 | 174.8 | 178.8 |
| 50° | 147.0 | 148.0 | 148.0 | 150.0 | 152.9 | 154.9 | 155.9 | 159.9 | 162.9 | 166.8 | 170.8 |
| 52.5° | 138.0 | 139.0 | 140.0 | 142.0 | 145.0 | 147.0 | 148.0 | 151.0 | 153.9 | 157.9 | 160.9 |
| 55° | 130.1 | 131.1 | 131.1 | 133.1 | 136.1 | 137.1 | 139.0 | 141.0 | 145.0 | 148.0 | 152.0 |
| 57.5° | 121.2 | 122.2 | 122.2 | 124.1 | 126.1 | 128.1 | 129.1 | 132.1 | 135.1 | 138.0 | 141.0 |
| 60° | 111.2 | 112.2 | 113.2 | 114.2 | 116.2 | 118.2 | 119.2 | 121.2 | 124.1 | 127.1 | 130.1 |
| 62.5° | 101.3 | 102.3 | 103.3 | 104.3 | 106.3 | 107.3 | 108.3 | 111.2 | 113.2 | 116.2 | 118.2 |
| 65° | 91.4 | 92.4 | 93.4 | 94.3 | 95.3 | 96.3 | 97.3 | 99.3 | 101.3 | 104.3 | 105.3 |
| 67.5° | 81.4 | 82.4 | 82.4 | 83.4 | 84.4 | 85.4 | 86.4 | 88.4 | 89.4 | 92.4 | 93.4 |
| 70° | 71.5 | 71.5 | 71.5 | 72.5 | 72.5 | 73.5 | 74.5 | 76.5 | 77.5 | 79.5 | 81.4 |
| 72.5° | 59.6 | 60.6 | 60.6 | 60.6 | 61.6 | 62.6 | 63.6 | 64.6 | 65.5 | 66.5 | 68.5 |
| 75° | 48.7 | 49.7 | 48.7 | 49.7 | 50.7 | 50.7 | 51.6 | 52.6 | 53.6 | 54.6 | 55.6 |
| 77.5° | 38.7 | 37.7 | 38.7 | 38.7 | 39.7 | 39.7 | 39.7 | 40.7 | 42.7 | 42.7 | 44.7 |
| 80° | 27.8 | 27.8 | 27.8 | 27.8 | 28.8 | 28.8 | 29.8 | 29.8 | 31.8 | 32.8 | 33.8 |
| 82.5° | 17.9 | 17.9 | 18.9 | 18.9 | 18.9 | 19.9 | 19.9 | 20.9 | 21.8 | 22.8 | 23.8 |
| 85° | 9.9 | 9.9 | 9.9 | 10.9 | 10.9 | 11.9 | 11.9 | 12.9 | 13.9 | 14.9 | 15.9 |
| 87.5° | 3.0 | 4.0 | 5.0 | 5.0 | 6.0 | 6.0 | 7.0 | 7.0 | 8.9 | 9.9 | 10.9 |
| 90° | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 4.0 | 4.0 | 5.0 | 6.0 |
| 92.5° | 16.9 | 39.7 | 82.4 | 123.1 | 106.3 | 99.3 | 59.6 | 17.9 | 15.9 | 16.9 | 16.9 |
| 95° | 34.8 | 65.5 | 120.2 | 194.7 | 252.3 | 288.0 | 311.8 | 357.5 | 404.2 | 396.3 | 296.0 |
| 97.5° | 50.7 | 84.4 | 145.0 | 213.5 | 293.0 | 333.7 | 364.5 | 419.1 | 478.7 | 528.4 | 564.1 |
| 100° | 66.5 | 101.3 | 165.9 | 237.4 | 310.9 | 347.6 | 383.4 | 457.8 | 516.4 | 566.1 | 613.8 |
| 102.5° | 83.4 | 118.2 | 184.7 | 259.2 | 331.7 | 367.5 | 402.2 | 467.8 | 533.3 | 592.9 | 639.6 |
| 105° | 100.3 | 136.1 | 201.6 | 278.1 | 350.6 | 386.3 | 420.1 | 482.7 | 543.2 | 598.9 | 652.5 |
| 107.5° | 118.2 | 152.0 | 216.5 | 293.0 | 365.5 | 401.2 | 435.0 | 497.6 | 556.2 | 611.8 | 660.4 |
| 110° | 134.1 | 166.8 | 231.4 | 306.9 | 379.4 | 415.1 | 448.9 | 511.5 | 569.1 | 621.7 | 669.4 |



TEST NUMBER: P395701

CATALOG NUMBER: I3-UL-40L82765-1D-UNV-W2A-W-4 (4000K)

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 149.0 | 180.8 | 245.3 | 318.8 | 390.3 | 426.1 | 458.8 | 521.4 | 579.0 | 630.6 | 678.3 |
| 115° | 165.9 | 193.7 | 259.2 | 329.7 | 400.2 | 435.0 | 467.8 | 529.3 | 586.9 | 637.6 | 684.3 |
| 117.5° | 179.8 | 206.6 | 271.1 | 338.7 | 408.2 | 441.9 | 473.7 | 535.3 | 591.9 | 642.6 | 688.2 |
| 120° | 193.7 | 218.5 | 282.1 | 346.6 | 414.1 | 446.9 | 478.7 | 539.3 | 595.9 | 645.5 | 690.2 |
| 122.5° | 207.6 | 230.4 | 291.0 | 354.6 | 419.1 | 451.9 | 482.7 | 542.3 | 597.9 | 646.5 | 690.2 |
| 125° | 220.5 | 240.3 | 298.9 | 360.5 | 422.1 | 453.9 | 483.7 | 542.3 | 596.9 | 644.5 | 688.2 |
| 127.5° | 232.4 | 251.3 | 304.9 | 366.5 | 424.1 | 454.9 | 483.7 | 540.3 | 594.9 | 641.6 | 684.3 |
| 130° | 244.3 | 261.2 | 310.9 | 369.4 | 426.1 | 453.9 | 481.7 | 536.3 | 589.9 | 636.6 | 677.3 |
| 132.5° | 256.2 | 272.1 | 315.8 | 372.4 | 427.1 | 453.9 | 479.7 | 532.3 | 584.0 | 629.7 | 668.4 |
| 135° | 267.2 | 280.1 | 320.8 | 374.4 | 426.1 | 451.9 | 475.7 | 525.4 | 575.0 | 619.7 | 657.5 |
| 137.5° | 277.1 | 288.0 | 324.8 | 375.4 | 425.1 | 448.9 | 472.7 | 517.4 | 564.1 | 607.8 | 644.5 |
| 140° | 286.0 | 296.0 | 326.7 | 375.4 | 421.1 | 444.9 | 466.8 | 509.5 | 552.2 | 593.9 | 629.7 |
| 142.5° | 294.0 | 302.9 | 329.7 | 373.4 | 417.1 | 440.0 | 460.8 | 501.5 | 540.3 | 580.0 | 614.8 |
| 145° | 301.9 | 308.9 | 331.7 | 372.4 | 412.2 | 433.0 | 452.9 | 491.6 | 529.3 | 565.1 | 597.9 |
| 147.5° | 307.9 | 314.8 | 333.7 | 368.5 | 406.2 | 425.1 | 443.9 | 480.7 | 515.4 | 549.2 | 579.0 |
| 150° | 313.8 | 319.8 | 334.7 | 364.5 | 399.2 | 416.1 | 433.0 | 467.8 | 501.5 | 532.3 | 560.1 |
| 152.5° | 319.8 | 323.8 | 337.7 | 360.5 | 391.3 | 407.2 | 424.1 | 454.9 | 485.6 | 514.4 | 541.3 |
| 155° | 323.8 | 326.7 | 338.7 | 356.5 | 383.4 | 397.3 | 411.2 | 440.0 | 467.8 | 494.6 | 519.4 |
| 157.5° | 327.7 | 330.7 | 339.7 | 353.6 | 374.4 | 387.3 | 399.2 | 424.1 | 449.9 | 473.7 | 496.6 |
| 160° | 330.7 | 332.7 | 339.7 | 351.6 | 366.5 | 375.4 | 386.3 | 409.2 | 431.0 | 451.9 | 471.7 |
| 162.5° | 333.7 | 334.7 | 339.7 | 348.6 | 359.5 | 365.5 | 373.4 | 391.3 | 411.2 | 429.0 | 446.9 |
| 165° | 335.7 | 336.7 | 339.7 | 346.6 | 353.6 | 358.5 | 362.5 | 375.4 | 390.3 | 406.2 | 421.1 |
| 167.5° | 337.7 | 337.7 | 339.7 | 344.6 | 348.6 | 351.6 | 354.6 | 361.5 | 371.4 | 383.4 | 394.3 |
| 170° | 338.7 | 338.7 | 339.7 | 342.6 | 345.6 | 346.6 | 348.6 | 352.6 | 357.5 | 363.5 | 370.4 |
| 172.5° | 338.7 | 338.7 | 338.7 | 340.6 | 341.6 | 341.6 | 341.6 | 343.6 | 346.6 | 350.6 | 353.6 |
| 175° | 338.7 | 337.7 | 337.7 | 338.7 | 337.7 | 337.7 | 337.7 | 337.7 | 338.7 | 340.6 | 341.6 |
| 177.5° | 338.7 | 337.7 | 336.7 | 336.7 | 335.7 | 335.7 | 334.7 | 334.7 | 334.7 | 334.7 | 334.7 |
| 180° | 332.7 | 332.7 | 332.7 | 332.7 | 332.7 | 332.7 | 332.7 | 332.7 | 332.7 | 332.7 | 332.7 |



TEST NUMBER: P395701

CATALOG NUMBER: I3-UL-40L82765-1D-UNV-W2A-W-4 (4000K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 219.5 | 219.5 | 219.5 | 219.5 | 219.5 | 219.5 | 219.5 | 219.5 | 219.5 | 219.5 |
| 2.5° | 220.5 | 220.5 | 219.5 | 218.5 | 218.5 | 218.5 | 217.5 | 216.5 | 215.5 | 215.5 |
| 5° | 220.5 | 220.5 | 219.5 | 219.5 | 219.5 | 219.5 | 218.5 | 218.5 | 217.5 | 217.5 |
| 7.5° | 221.5 | 220.5 | 220.5 | 220.5 | 220.5 | 220.5 | 220.5 | 220.5 | 219.5 | 219.5 |
| 10° | 221.5 | 221.5 | 221.5 | 221.5 | 221.5 | 221.5 | 221.5 | 221.5 | 221.5 | 221.5 |
| 12.5° | 222.5 | 222.5 | 222.5 | 222.5 | 223.5 | 223.5 | 223.5 | 223.5 | 223.5 | 223.5 |
| 15° | 222.5 | 223.5 | 224.4 | 224.4 | 224.4 | 225.4 | 225.4 | 225.4 | 225.4 | 225.4 |
| 17.5° | 223.5 | 224.4 | 225.4 | 225.4 | 226.4 | 226.4 | 227.4 | 227.4 | 227.4 | 227.4 |
| 20° | 223.5 | 224.4 | 225.4 | 226.4 | 227.4 | 227.4 | 228.4 | 229.4 | 229.4 | 228.4 |
| 22.5° | 222.5 | 224.4 | 225.4 | 226.4 | 227.4 | 228.4 | 229.4 | 230.4 | 230.4 | 230.4 |
| 25° | 221.5 | 223.5 | 225.4 | 227.4 | 227.4 | 228.4 | 230.4 | 230.4 | 230.4 | 230.4 |
| 27.5° | 220.5 | 222.5 | 224.4 | 226.4 | 227.4 | 228.4 | 229.4 | 230.4 | 230.4 | 230.4 |
| 30° | 218.5 | 221.5 | 223.5 | 225.4 | 226.4 | 227.4 | 228.4 | 229.4 | 229.4 | 229.4 |
| 32.5° | 215.5 | 218.5 | 220.5 | 223.5 | 224.4 | 225.4 | 226.4 | 227.4 | 227.4 | 227.4 |
| 35° | 212.5 | 215.5 | 217.5 | 220.5 | 221.5 | 222.5 | 224.4 | 224.4 | 225.4 | 225.4 |
| 37.5° | 207.6 | 211.5 | 213.5 | 216.5 | 217.5 | 218.5 | 220.5 | 221.5 | 221.5 | 221.5 |
| 40° | 202.6 | 206.6 | 208.6 | 211.5 | 212.5 | 213.5 | 215.5 | 216.5 | 217.5 | 217.5 |
| 42.5° | 196.6 | 200.6 | 202.6 | 205.6 | 206.6 | 207.6 | 209.6 | 210.5 | 211.5 | 211.5 |
| 45° | 190.7 | 193.7 | 195.6 | 198.6 | 200.6 | 200.6 | 202.6 | 203.6 | 204.6 | 204.6 |
| 47.5° | 182.7 | 185.7 | 187.7 | 190.7 | 192.7 | 193.7 | 194.7 | 195.6 | 196.6 | 196.6 |
| 50° | 173.8 | 176.8 | 179.8 | 181.7 | 183.7 | 183.7 | 185.7 | 186.7 | 187.7 | 187.7 |
| 52.5° | 164.9 | 166.8 | 169.8 | 172.8 | 173.8 | 174.8 | 175.8 | 176.8 | 177.8 | 177.8 |
| 55° | 154.9 | 156.9 | 159.9 | 161.9 | 162.9 | 163.9 | 164.9 | 165.9 | 166.8 | 166.8 |
| 57.5° | 144.0 | 146.0 | 149.0 | 151.0 | 152.0 | 152.9 | 153.9 | 154.9 | 155.9 | 155.9 |
| 60° | 132.1 | 134.1 | 137.1 | 139.0 | 140.0 | 140.0 | 142.0 | 143.0 | 143.0 | 143.0 |
| 62.5° | 120.2 | 122.2 | 124.1 | 126.1 | 127.1 | 128.1 | 129.1 | 130.1 | 130.1 | 130.1 |
| 65° | 108.3 | 110.2 | 112.2 | 113.2 | 114.2 | 114.2 | 115.2 | 116.2 | 117.2 | 117.2 |
| 67.5° | 95.3 | 97.3 | 99.3 | 100.3 | 101.3 | 101.3 | 102.3 | 103.3 | 103.3 | 103.3 |
| 70° | 82.4 | 83.4 | 85.4 | 86.4 | 87.4 | 87.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| 72.5° | 69.5 | 70.5 | 72.5 | 73.5 | 74.5 | 74.5 | 75.5 | 76.5 | 76.5 | 76.5 |
| 75° | 57.6 | 58.6 | 59.6 | 61.6 | 61.6 | 61.6 | 62.6 | 63.6 | 63.6 | 63.6 |
| 77.5° | 45.7 | 46.7 | 47.7 | 48.7 | 49.7 | 49.7 | 50.7 | 51.6 | 51.6 | 51.6 |
| 80° | 34.8 | 35.8 | 36.7 | 37.7 | 37.7 | 38.7 | 38.7 | 39.7 | 39.7 | 39.7 |
| 82.5° | 24.8 | 25.8 | 26.8 | 27.8 | 28.8 | 28.8 | 29.8 | 30.8 | 30.8 | 29.8 |
| 85° | 16.9 | 18.9 | 19.9 | 20.9 | 20.9 | 20.9 | 21.8 | 22.8 | 22.8 | 21.8 |
| 87.5° | 11.9 | 11.9 | 12.9 | 13.9 | 13.9 | 14.9 | 14.9 | 15.9 | 15.9 | 15.9 |
| 90° | 7.0 | 7.0 | 7.9 | 7.9 | 8.9 | 8.9 | 8.9 | 9.9 | 9.9 | 9.9 |
| 92.5° | 16.9 | 16.9 | 17.9 | 17.9 | 17.9 | 17.9 | 18.9 | 18.9 | 18.9 | 18.9 |
| 95° | 180.8 | 81.4 | 68.5 | 41.7 | 39.7 | 34.8 | 33.8 | 34.8 | 34.8 | 33.8 |
| 97.5° | 606.8 | 649.5 | 676.3 | 689.2 | 673.3 | 656.5 | 637.6 | 634.6 | 608.8 | 551.2 |
| 100° | 654.5 | 688.2 | 721.0 | 743.9 | 752.8 | 760.7 | 778.6 | 789.5 | 794.5 | 799.5 |
| 102.5° | 678.3 | 714.1 | 742.9 | 771.7 | 783.6 | 794.5 | 810.4 | 823.3 | 828.3 | 832.3 |
| 105° | 699.2 | 735.9 | 767.7 | 793.5 | 804.4 | 814.4 | 830.3 | 842.2 | 851.1 | 852.1 |
| 107.5° | 704.1 | 742.9 | 778.6 | 810.4 | 823.3 | 834.2 | 853.1 | 862.0 | 870.0 | 870.0 |
| 110° | 713.1 | 749.8 | 782.6 | 811.4 | 824.3 | 837.2 | 857.1 | 871.0 | 878.9 | 880.9 |



TEST NUMBER: P395701

CATALOG NUMBER: I3-UL-40L82765-1D-UNV-W2A-W-4 (4000K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 720.0 | 757.8 | 788.6 | 817.4 | 828.3 | 840.2 | 859.1 | 872.0 | 878.9 | 881.9 |
| 115° | 726.0 | 762.7 | 793.5 | 820.3 | 832.3 | 844.2 | 863.0 | 874.0 | 881.9 | 884.9 |
| 117.5° | 730.0 | 765.7 | 796.5 | 821.3 | 834.2 | 844.2 | 862.0 | 874.0 | 881.9 | 882.9 |
| 120° | 731.0 | 766.7 | 796.5 | 821.3 | 832.3 | 843.2 | 861.1 | 873.0 | 880.9 | 880.9 |
| 122.5° | 731.0 | 765.7 | 795.5 | 819.3 | 829.3 | 839.2 | 856.1 | 870.0 | 876.9 | 876.9 |
| 125° | 727.0 | 761.7 | 790.5 | 814.4 | 824.3 | 833.2 | 851.1 | 864.0 | 871.0 | 872.0 |
| 127.5° | 721.0 | 754.8 | 783.6 | 807.4 | 817.4 | 825.3 | 844.2 | 856.1 | 863.0 | 864.0 |
| 130° | 713.1 | 746.8 | 774.6 | 797.5 | 807.4 | 816.4 | 832.3 | 845.2 | 853.1 | 855.1 |
| 132.5° | 704.1 | 735.9 | 763.7 | 785.6 | 795.5 | 803.5 | 819.3 | 832.3 | 839.2 | 842.2 |
| 135° | 693.2 | 723.0 | 749.8 | 771.7 | 781.6 | 789.5 | 804.4 | 817.4 | 824.3 | 827.3 |
| 137.5° | 679.3 | 708.1 | 733.9 | 755.8 | 764.7 | 772.7 | 787.6 | 799.5 | 805.4 | 809.4 |
| 140° | 663.4 | 690.2 | 717.0 | 736.9 | 745.8 | 753.8 | 766.7 | 779.6 | 785.6 | 788.6 |
| 142.5° | 646.5 | 673.3 | 697.2 | 717.0 | 725.0 | 732.9 | 745.8 | 757.8 | 763.7 | 764.7 |
| 145° | 628.7 | 654.5 | 676.3 | 695.2 | 702.2 | 710.1 | 722.0 | 733.9 | 739.9 | 740.9 |
| 147.5° | 608.8 | 632.6 | 653.5 | 671.4 | 679.3 | 685.3 | 696.2 | 707.1 | 713.1 | 714.1 |
| 150° | 586.0 | 607.8 | 626.7 | 644.5 | 651.5 | 657.5 | 669.4 | 679.3 | 685.3 | 686.3 |
| 152.5° | 564.1 | 585.0 | 600.8 | 616.7 | 623.7 | 629.7 | 639.6 | 649.5 | 655.5 | 656.5 |
| 155° | 541.3 | 560.1 | 576.0 | 588.9 | 594.9 | 600.8 | 608.8 | 617.7 | 622.7 | 623.7 |
| 157.5° | 517.4 | 535.3 | 549.2 | 561.1 | 567.1 | 572.0 | 579.0 | 586.9 | 589.9 | 591.9 |
| 160° | 491.6 | 506.5 | 518.4 | 530.3 | 535.3 | 540.3 | 547.2 | 553.2 | 557.2 | 558.1 |
| 162.5° | 463.8 | 476.7 | 486.6 | 497.6 | 500.5 | 504.5 | 511.5 | 517.4 | 520.4 | 521.4 |
| 165° | 435.0 | 446.9 | 455.9 | 464.8 | 466.8 | 469.8 | 474.7 | 480.7 | 482.7 | 484.7 |
| 167.5° | 406.2 | 416.1 | 422.1 | 430.0 | 433.0 | 435.0 | 440.0 | 443.9 | 445.9 | 446.9 |
| 170° | 378.4 | 385.3 | 390.3 | 396.3 | 397.3 | 400.2 | 403.2 | 407.2 | 408.2 | 408.2 |
| 172.5° | 356.5 | 359.5 | 362.5 | 364.5 | 365.5 | 366.5 | 368.5 | 369.4 | 369.4 | 369.4 |
| 175° | 342.6 | 344.6 | 344.6 | 345.6 | 345.6 | 345.6 | 345.6 | 345.6 | 345.6 | 345.6 |
| 177.5° | 334.7 | 334.7 | 334.7 | 333.7 | 333.7 | 333.7 | 333.7 | 332.7 | 332.7 | 332.7 |
| 180° | 332.7 | 332.7 | 332.7 | 332.7 | 332.7 | 332.7 | 332.7 | 332.7 | 332.7 | 332.7 |

(END OF REPORT)