

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: P395518

Luminaire Tested: **I3-FL-30L82765-1D-UNV-W2A-W-4 (3500K)**

Issue Date: 5/6/2020

Test Information

Test Method: LM-79-08
Report Number: P395518
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2001-656-4)
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: I3-FL-30L82765-1D-UNV-W2A-W-4 (3500K)
Description: CORELITE I3, FROSTED TOP COVER
3000 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: 2675.9 lumens
Efficiency: N/A
Efficacy: 128.6 lumens/watt
Spacing Criteria (0/90/45): 1.31 / 1.43 / 1.49
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 3.92' x H: 0.17')
CIE Type: Semi-Indirect

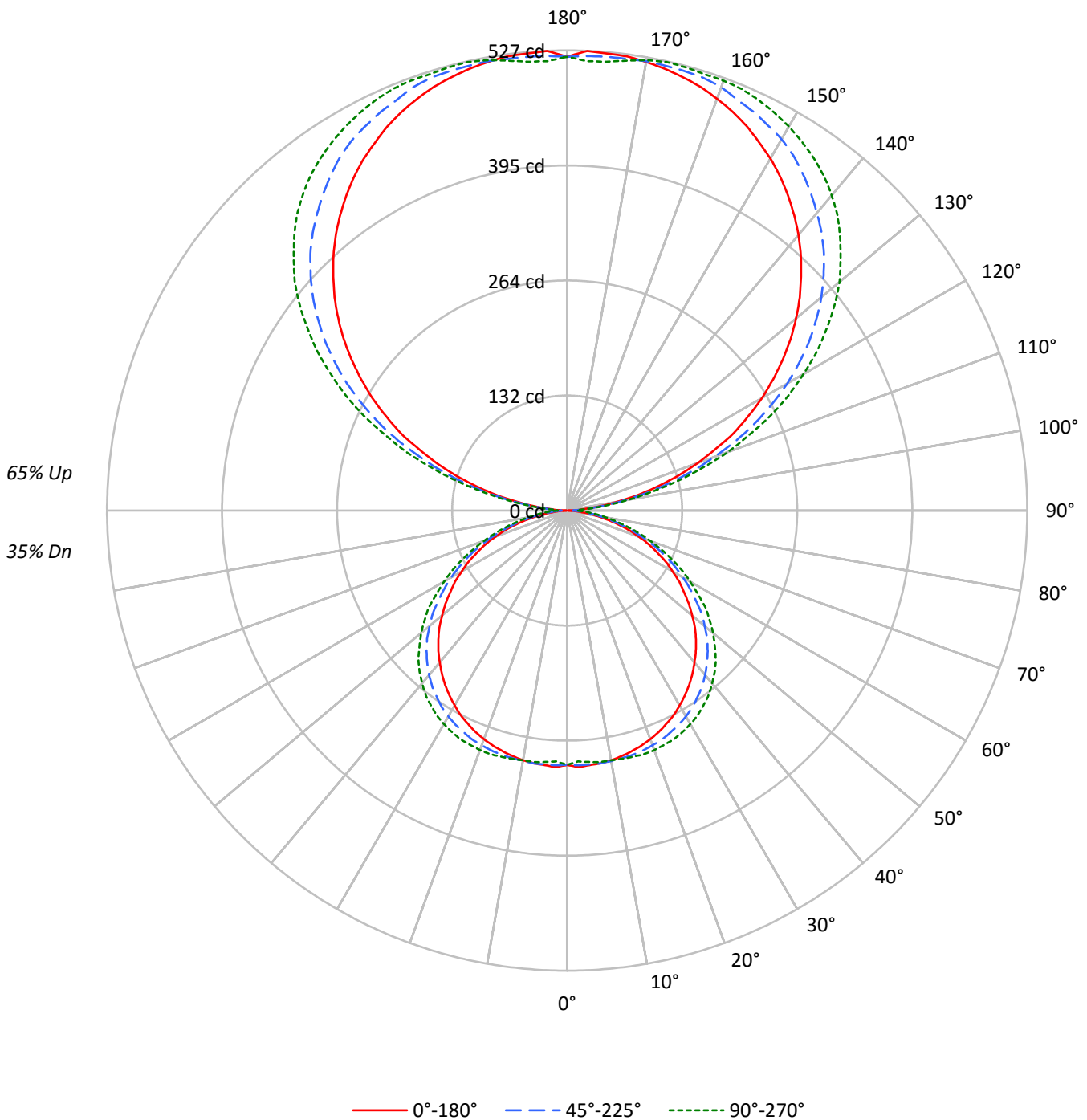
Input Watts (W): 20.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P395518

CATALOG NUMBER: I3-FL-30L82765-1D-UNV-W2A-W-4 (3500K)

Luminous Intensity Polar Plot





TEST NUMBER: P395518

CATALOG NUMBER: I3-FL-30L82765-1D-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 | 104 | 104 | 104 | 104 | 94 | 94 | 94 | 94 | 75 | 75 | 75 | 58 | 58 | 58 | 43 | 43 | 43 | 35 | | | | |
| 1 | 94 | 90 | 86 | 83 | 85 | 81 | 78 | 75 | 66 | 63 | 61 | 51 | 49 | 48 | 37 | 36 | 36 | 29 | | | | |
| 2 | 86 | 78 | 72 | 67 | 77 | 71 | 66 | 61 | 57 | 53 | 50 | 44 | 42 | 40 | 33 | 31 | 30 | 24 | | | | |
| 3 | 78 | 69 | 61 | 55 | 70 | 62 | 56 | 51 | 50 | 46 | 42 | 39 | 36 | 33 | 29 | 27 | 25 | 20 | | | | |
| 4 | 71 | 60 | 53 | 47 | 64 | 55 | 48 | 43 | 44 | 39 | 35 | 35 | 31 | 28 | 25 | 23 | 21 | 17 | | | | |
| 5 | 65 | 54 | 46 | 40 | 59 | 49 | 42 | 36 | 39 | 34 | 30 | 31 | 27 | 24 | 23 | 20 | 18 | 15 | | | | |
| 6 | 60 | 48 | 40 | 34 | 54 | 44 | 37 | 31 | 35 | 30 | 26 | 28 | 24 | 21 | 21 | 18 | 16 | 13 | | | | |
| 7 | 55 | 43 | 35 | 30 | 50 | 39 | 32 | 27 | 32 | 27 | 23 | 25 | 21 | 18 | 19 | 16 | 14 | 11 | | | | |
| 8 | 51 | 39 | 31 | 26 | 46 | 35 | 29 | 24 | 29 | 24 | 20 | 23 | 19 | 16 | 17 | 14 | 13 | 10 | | | | |
| 9 | 47 | 35 | 28 | 23 | 43 | 32 | 26 | 21 | 26 | 21 | 18 | 21 | 17 | 15 | 16 | 13 | 11 | 9 | | | | |
| 10 | 44 | 32 | 25 | 20 | 40 | 30 | 23 | 19 | 24 | 19 | 16 | 19 | 16 | 13 | 14 | 12 | 10 | 8 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 1601 | 1601 | 1601 |
| 5° | 1608 | 1574 | 1549 |
| 10° | 1609 | 1553 | 1531 |
| 15° | 1605 | 1539 | 1525 |
| 20° | 1605 | 1525 | 1523 |
| 25° | 1601 | 1512 | 1517 |
| 30° | 1596 | 1498 | 1503 |
| 35° | 1588 | 1474 | 1481 |
| 40° | 1572 | 1443 | 1448 |
| 45° | 1556 | 1398 | 1404 |
| 50° | 1520 | 1336 | 1335 |
| 55° | 1477 | 1252 | 1256 |
| 60° | 1427 | 1153 | 1134 |
| 65° | 1356 | 1034 | 1007 |
| 70° | 1260 | 881 | 851 |
| 75° | 1096 | 700 | 677 |
| 80° | 857 | 497 | 495 |
| 85° | 462 | 284 | 325 |



TEST NUMBER: P395518

CATALOG NUMBER: I3-FL-30L82765-1D-UNV-W2A-W-4 (3500K)

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 27.8 | 1.0 |
| 10°-20° | 81.6 | 3.1 |
| 20°-30° | 128.8 | 4.8 |
| 30°-40° | 161.8 | 6.0 |
| 40°-50° | 174.0 | 6.5 |
| 50°-60° | 160.1 | 6.0 |
| 60°-70° | 122.6 | 4.6 |
| 70°-80° | 69.8 | 2.6 |
| 80°-90° | 21.8 | 0.8 |
| 90°-100° | 29.2 | 1.1 |
| 100°-110° | 126.8 | 4.7 |
| 110°-120° | 232.2 | 8.7 |
| 120°-130° | 299.3 | 11.2 |
| 130°-140° | 318.4 | 11.9 |
| 140°-150° | 293.0 | 10.9 |
| 150°-160° | 232.1 | 8.7 |
| 160°-170° | 147.0 | 5.5 |
| 170°-180° | 49.8 | 1.9 |
| 0°-30° | 238.2 | 8.9 |
| 0°-40° | 400.0 | 14.9 |
| 0°-60° | 734.0 | 27.4 |
| 0°-90° | 948.3 | 35.4 |
| 90°-120° | 388.2 | 14.5 |
| 90°-150° | 1298.8 | 48.5 |
| 90°-180° | 1728.0 | 64.6 |
| 0°-180° | 2675.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|-----|-------|-----|------|
| 0° | 291 | 291 | 291 | 291 | 291 | |
| 5° | 293 | 290 | 292 | 290 | 289 | 28 |
| 15° | 285 | 284 | 290 | 292 | 292 | 81 |
| 25° | 269 | 270 | 280 | 287 | 289 | 124 |
| 35° | 244 | 247 | 260 | 269 | 272 | 152 |
| 45° | 209 | 214 | 228 | 237 | 241 | 161 |
| 55° | 164 | 170 | 180 | 190 | 193 | 147 |
| 65° | 114 | 118 | 125 | 131 | 133 | 113 |
| 75° | 60 | 61 | 66 | 69 | 72 | 63 |
| 85° | 11 | 14 | 18 | 23 | 25 | 14 |
| 90° | 1 | 2 | 7 | 10 | 11 | 2 |
| 95° | 20 | 19 | 21 | 24 | 25 | 25 |
| 105° | 107 | 112 | 121 | 128 | 131 | 114 |
| 115° | 211 | 220 | 238 | 250 | 257 | 207 |
| 125° | 301 | 314 | 339 | 355 | 363 | 269 |
| 135° | 379 | 391 | 416 | 433 | 442 | 292 |
| 145° | 441 | 450 | 471 | 484 | 493 | 276 |
| 155° | 486 | 492 | 504 | 514 | 519 | 224 |
| 165° | 514 | 514 | 521 | 525 | 525 | 145 |
| 175° | 525 | 522 | 522 | 520 | 516 | 50 |
| 180° | 520 | 520 | 520 | 520 | 520 | |



TEST NUMBER: P395518

CATALOG NUMBER: I3-FL-30L82765-1D-UNV-W2A-W-4 (3500K)

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 291.2 | 291.2 | 291.2 | 291.2 | 291.2 | 291.2 | 291.2 | 291.2 | 291.2 | 291.2 | 291.2 |
| 2.5° | 294.1 | 293.3 | 292.6 | 291.2 | 291.2 | 290.4 | 290.4 | 290.4 | 290.4 | 291.2 | 291.9 |
| 5° | 292.6 | 292.6 | 291.9 | 290.4 | 290.4 | 289.7 | 289.7 | 290.4 | 289.7 | 290.4 | 291.9 |
| 7.5° | 291.9 | 291.9 | 291.2 | 289.7 | 289.7 | 289.7 | 289.7 | 289.7 | 289.7 | 290.4 | 291.9 |
| 10° | 290.4 | 290.4 | 289.0 | 288.2 | 288.2 | 288.2 | 288.2 | 289.0 | 289.0 | 289.7 | 291.2 |
| 12.5° | 288.2 | 287.5 | 286.8 | 286.0 | 286.0 | 286.0 | 286.8 | 287.5 | 287.5 | 289.0 | 290.4 |
| 15° | 285.3 | 285.3 | 284.6 | 283.9 | 283.9 | 283.9 | 284.6 | 285.3 | 286.0 | 287.5 | 289.7 |
| 17.5° | 282.4 | 282.4 | 281.7 | 281.7 | 281.7 | 281.7 | 282.4 | 283.1 | 284.6 | 286.0 | 288.2 |
| 20° | 278.7 | 278.7 | 278.0 | 278.0 | 278.0 | 278.7 | 278.7 | 280.2 | 281.7 | 283.9 | 286.0 |
| 22.5° | 274.4 | 274.4 | 274.4 | 273.6 | 274.4 | 275.1 | 275.8 | 277.3 | 278.7 | 280.9 | 283.9 |
| 25° | 269.3 | 269.3 | 269.3 | 269.3 | 270.0 | 270.0 | 271.5 | 272.9 | 274.4 | 277.3 | 280.2 |
| 27.5° | 264.2 | 264.2 | 264.2 | 263.4 | 264.9 | 265.6 | 266.3 | 268.5 | 270.0 | 273.6 | 276.6 |
| 30° | 257.6 | 257.6 | 257.6 | 258.3 | 259.0 | 259.8 | 261.2 | 263.4 | 264.9 | 268.5 | 272.2 |
| 32.5° | 251.0 | 251.0 | 251.0 | 251.0 | 253.2 | 253.9 | 254.7 | 256.9 | 259.8 | 263.4 | 267.1 |
| 35° | 243.7 | 243.7 | 243.7 | 244.5 | 245.9 | 246.6 | 248.1 | 250.3 | 253.2 | 256.9 | 260.5 |
| 37.5° | 235.7 | 236.4 | 236.4 | 237.2 | 238.6 | 240.1 | 241.5 | 243.7 | 246.6 | 250.3 | 253.9 |
| 40° | 226.9 | 227.7 | 227.7 | 228.4 | 229.9 | 231.3 | 232.8 | 235.7 | 238.6 | 242.3 | 245.9 |
| 42.5° | 218.2 | 218.9 | 218.9 | 220.4 | 221.8 | 223.3 | 224.8 | 227.7 | 230.6 | 234.2 | 237.2 |
| 45° | 208.7 | 209.4 | 209.4 | 210.9 | 213.1 | 213.8 | 216.0 | 218.9 | 221.8 | 224.8 | 227.7 |
| 47.5° | 198.5 | 199.2 | 199.2 | 200.7 | 202.9 | 204.3 | 205.8 | 208.7 | 210.9 | 214.5 | 217.5 |
| 50° | 186.8 | 187.5 | 188.3 | 189.7 | 192.6 | 194.1 | 195.6 | 197.8 | 200.7 | 202.9 | 205.8 |
| 52.5° | 175.9 | 175.9 | 176.6 | 178.0 | 180.2 | 181.7 | 182.4 | 184.6 | 188.3 | 191.2 | 194.1 |
| 55° | 163.5 | 164.2 | 164.9 | 166.4 | 168.6 | 170.0 | 170.8 | 172.9 | 175.1 | 177.3 | 180.2 |
| 57.5° | 152.5 | 152.5 | 153.2 | 154.7 | 156.9 | 157.6 | 158.3 | 159.8 | 162.7 | 164.9 | 167.1 |
| 60° | 139.4 | 140.1 | 140.8 | 142.3 | 143.8 | 145.2 | 145.2 | 147.4 | 149.6 | 151.8 | 153.2 |
| 62.5° | 127.7 | 127.7 | 128.4 | 129.9 | 130.6 | 132.1 | 132.1 | 134.3 | 135.7 | 137.9 | 139.4 |
| 65° | 113.8 | 114.6 | 115.3 | 116.0 | 117.5 | 117.5 | 118.2 | 119.7 | 121.1 | 122.6 | 124.8 |
| 67.5° | 101.4 | 101.4 | 102.2 | 102.9 | 103.6 | 103.6 | 104.3 | 105.8 | 107.3 | 108.7 | 110.2 |
| 70° | 87.6 | 88.3 | 88.3 | 88.3 | 89.0 | 89.8 | 90.5 | 91.2 | 92.7 | 93.4 | 94.9 |
| 72.5° | 73.7 | 73.7 | 74.4 | 74.4 | 75.2 | 75.9 | 76.6 | 77.3 | 78.1 | 79.5 | 80.3 |
| 75° | 59.8 | 59.8 | 60.6 | 60.6 | 61.3 | 61.3 | 61.3 | 62.8 | 63.5 | 64.9 | 65.7 |
| 77.5° | 46.0 | 46.7 | 46.7 | 46.7 | 47.4 | 48.2 | 48.2 | 48.9 | 50.4 | 51.1 | 51.8 |
| 80° | 33.6 | 33.6 | 33.6 | 33.6 | 34.3 | 35.0 | 35.8 | 35.8 | 37.2 | 38.7 | 39.4 |
| 82.5° | 21.2 | 21.2 | 21.9 | 22.6 | 22.6 | 23.4 | 24.1 | 24.8 | 26.3 | 27.0 | 27.7 |
| 85° | 10.9 | 10.9 | 11.7 | 12.4 | 13.1 | 13.9 | 13.9 | 14.6 | 16.1 | 17.5 | 18.2 |
| 87.5° | 3.6 | 4.4 | 4.4 | 5.1 | 5.8 | 6.6 | 7.3 | 8.0 | 9.5 | 10.9 | 11.7 |
| 90° | 0.7 | 0.7 | 0.7 | 1.5 | 2.2 | 2.2 | 2.9 | 3.6 | 4.4 | 5.1 | 6.6 |
| 92.5° | 6.6 | 6.6 | 5.8 | 6.6 | 6.6 | 6.6 | 6.6 | 7.3 | 8.0 | 8.0 | 9.5 |
| 95° | 19.7 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.7 | 20.4 | 20.4 | 21.2 |
| 97.5° | 37.9 | 37.9 | 37.2 | 37.2 | 37.9 | 37.9 | 37.9 | 38.7 | 40.1 | 39.4 | 40.9 |
| 100° | 59.1 | 59.1 | 58.4 | 59.1 | 59.8 | 60.6 | 62.0 | 62.0 | 63.5 | 63.5 | 65.7 |
| 102.5° | 83.2 | 83.2 | 82.5 | 83.9 | 84.6 | 86.1 | 86.1 | 87.6 | 89.8 | 89.8 | 92.7 |
| 105° | 107.3 | 108.0 | 108.0 | 109.5 | 110.9 | 112.4 | 112.4 | 114.6 | 117.5 | 117.5 | 121.1 |
| 107.5° | 133.5 | 134.3 | 134.3 | 135.7 | 137.2 | 138.6 | 139.4 | 142.3 | 145.2 | 145.9 | 150.3 |
| 110° | 159.1 | 159.8 | 160.5 | 162.0 | 163.5 | 165.6 | 167.1 | 170.0 | 173.7 | 175.1 | 178.8 |



TEST NUMBER: P395518

CATALOG NUMBER: I3-FL-30L82765-1D-UNV-W2A-W-4 (3500K)

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 183.2 | 186.1 | 186.8 | 189.0 | 191.2 | 193.4 | 194.8 | 198.5 | 202.9 | 205.0 | 209.4 |
| 115° | 210.9 | 212.3 | 213.1 | 215.3 | 218.2 | 220.4 | 221.8 | 225.5 | 229.9 | 232.8 | 237.9 |
| 117.5° | 233.5 | 237.2 | 237.9 | 240.1 | 243.0 | 245.2 | 246.6 | 251.0 | 256.1 | 259.8 | 264.9 |
| 120° | 257.6 | 260.5 | 263.4 | 264.9 | 267.1 | 270.0 | 271.5 | 275.8 | 281.7 | 285.3 | 291.2 |
| 122.5° | 279.5 | 282.4 | 285.3 | 287.5 | 290.4 | 291.9 | 294.1 | 299.2 | 305.0 | 309.4 | 315.2 |
| 125° | 301.4 | 305.0 | 307.2 | 309.4 | 313.0 | 314.5 | 316.7 | 321.8 | 327.6 | 332.7 | 338.6 |
| 127.5° | 322.5 | 324.7 | 328.4 | 329.8 | 333.5 | 334.9 | 337.1 | 343.0 | 348.8 | 353.9 | 359.7 |
| 130° | 342.2 | 345.2 | 348.1 | 348.8 | 353.2 | 355.4 | 357.6 | 362.7 | 369.2 | 374.3 | 380.2 |
| 132.5° | 361.2 | 362.7 | 366.3 | 368.5 | 372.2 | 374.3 | 376.5 | 380.9 | 387.5 | 392.6 | 398.4 |
| 135° | 378.7 | 380.2 | 384.6 | 386.7 | 388.9 | 391.1 | 394.0 | 398.4 | 405.0 | 410.1 | 415.9 |
| 137.5° | 396.2 | 397.7 | 402.1 | 404.3 | 405.7 | 407.9 | 410.1 | 414.5 | 421.0 | 426.2 | 431.3 |
| 140° | 412.3 | 413.7 | 416.7 | 419.6 | 421.0 | 422.5 | 424.7 | 429.1 | 434.9 | 440.0 | 445.1 |
| 142.5° | 426.9 | 428.3 | 431.3 | 434.2 | 436.4 | 436.4 | 438.6 | 442.2 | 448.8 | 453.9 | 458.3 |
| 145° | 440.7 | 441.5 | 444.4 | 447.3 | 450.2 | 450.2 | 451.0 | 454.6 | 460.4 | 466.3 | 470.7 |
| 147.5° | 453.9 | 454.6 | 456.8 | 459.7 | 461.9 | 462.6 | 464.1 | 465.6 | 471.4 | 477.2 | 482.3 |
| 150° | 465.6 | 466.3 | 467.7 | 470.7 | 472.1 | 473.6 | 475.0 | 475.8 | 480.1 | 485.3 | 491.1 |
| 152.5° | 475.8 | 476.5 | 478.0 | 480.1 | 481.6 | 483.1 | 484.5 | 486.7 | 488.9 | 494.0 | 497.7 |
| 155° | 486.0 | 486.7 | 487.4 | 489.6 | 491.1 | 491.8 | 492.6 | 495.5 | 497.7 | 500.6 | 504.2 |
| 157.5° | 494.7 | 494.7 | 495.5 | 496.9 | 498.4 | 498.4 | 499.1 | 502.0 | 504.2 | 507.1 | 509.3 |
| 160° | 502.0 | 502.0 | 502.8 | 504.2 | 504.2 | 505.0 | 505.7 | 507.9 | 509.3 | 513.0 | 515.9 |
| 162.5° | 508.6 | 507.9 | 508.6 | 509.3 | 509.3 | 509.3 | 510.1 | 511.5 | 513.7 | 516.6 | 519.6 |
| 165° | 513.7 | 513.7 | 513.7 | 514.4 | 514.4 | 513.7 | 513.7 | 515.2 | 516.6 | 518.8 | 521.0 |
| 167.5° | 518.1 | 518.1 | 517.4 | 518.1 | 517.4 | 517.4 | 516.6 | 517.4 | 518.1 | 520.3 | 521.7 |
| 170° | 521.7 | 521.0 | 521.0 | 521.0 | 520.3 | 519.6 | 519.6 | 519.6 | 519.6 | 521.0 | 522.5 |
| 172.5° | 524.7 | 523.9 | 523.2 | 523.2 | 521.7 | 521.0 | 521.0 | 520.3 | 520.3 | 521.0 | 521.7 |
| 175° | 525.4 | 524.7 | 523.9 | 523.9 | 522.5 | 521.7 | 521.0 | 521.0 | 520.3 | 521.0 | 521.7 |
| 177.5° | 526.9 | 526.1 | 524.7 | 524.7 | 523.2 | 521.7 | 521.7 | 521.0 | 520.3 | 521.0 | 521.0 |
| 180° | 519.6 | 519.6 | 519.6 | 519.6 | 519.6 | 519.6 | 519.6 | 519.6 | 519.6 | 519.6 | 519.6 |



TEST NUMBER: P395518

CATALOG NUMBER: I3-FL-30L82765-1D-UNV-W2A-W-4 (3500K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 291.2 | 291.2 | 291.2 | 291.2 | 291.2 | 291.2 | 291.2 | 291.2 | 291.2 | 291.2 |
| 2.5° | 292.6 | 292.6 | 291.9 | 291.2 | 291.2 | 290.4 | 289.7 | 289.0 | 288.2 | 287.5 |
| 5° | 292.6 | 291.9 | 291.2 | 291.2 | 290.4 | 290.4 | 290.4 | 289.7 | 289.0 | 289.0 |
| 7.5° | 292.6 | 292.6 | 291.9 | 291.2 | 291.2 | 291.2 | 291.2 | 291.2 | 290.4 | 290.4 |
| 10° | 292.6 | 291.9 | 291.9 | 291.9 | 291.2 | 291.9 | 291.9 | 291.2 | 291.2 | 290.4 |
| 12.5° | 291.9 | 291.9 | 291.9 | 291.9 | 291.9 | 291.9 | 291.9 | 291.9 | 291.9 | 291.2 |
| 15° | 290.4 | 291.2 | 291.2 | 291.9 | 291.9 | 291.9 | 292.6 | 292.6 | 291.9 | 291.9 |
| 17.5° | 289.7 | 290.4 | 291.2 | 291.9 | 291.9 | 291.9 | 292.6 | 292.6 | 292.6 | 292.6 |
| 20° | 288.2 | 289.0 | 289.7 | 290.4 | 290.4 | 291.2 | 291.2 | 291.9 | 291.9 | 291.9 |
| 22.5° | 285.3 | 286.0 | 287.5 | 288.2 | 289.0 | 289.7 | 290.4 | 290.4 | 290.4 | 290.4 |
| 25° | 282.4 | 283.9 | 284.6 | 286.0 | 286.8 | 287.5 | 288.2 | 288.2 | 288.2 | 289.0 |
| 27.5° | 278.7 | 280.2 | 282.4 | 283.1 | 283.9 | 284.6 | 285.3 | 286.0 | 286.0 | 286.0 |
| 30° | 274.4 | 276.6 | 278.0 | 279.5 | 280.2 | 280.9 | 281.7 | 281.7 | 282.4 | 282.4 |
| 32.5° | 269.3 | 271.5 | 272.9 | 274.4 | 275.1 | 275.8 | 277.3 | 277.3 | 278.0 | 278.0 |
| 35° | 262.7 | 264.9 | 267.1 | 268.5 | 269.3 | 270.0 | 271.5 | 272.2 | 272.2 | 272.2 |
| 37.5° | 256.1 | 258.3 | 260.5 | 262.7 | 263.4 | 264.2 | 265.6 | 265.6 | 266.3 | 266.3 |
| 40° | 248.1 | 250.3 | 252.5 | 254.7 | 254.7 | 256.1 | 256.9 | 257.6 | 258.3 | 258.3 |
| 42.5° | 240.1 | 242.3 | 243.7 | 245.9 | 246.6 | 247.4 | 248.1 | 249.6 | 249.6 | 250.3 |
| 45° | 230.6 | 232.8 | 234.2 | 236.4 | 237.2 | 237.9 | 239.3 | 240.1 | 240.8 | 240.8 |
| 47.5° | 220.4 | 221.8 | 223.3 | 225.5 | 226.9 | 227.7 | 228.4 | 229.1 | 229.9 | 229.1 |
| 50° | 208.7 | 210.2 | 212.3 | 214.5 | 215.3 | 216.0 | 217.5 | 217.5 | 218.2 | 218.2 |
| 52.5° | 196.3 | 198.5 | 199.9 | 202.1 | 202.9 | 203.6 | 205.0 | 205.0 | 205.8 | 205.8 |
| 55° | 182.4 | 183.9 | 185.3 | 189.0 | 189.7 | 190.5 | 191.9 | 191.9 | 192.6 | 193.4 |
| 57.5° | 169.3 | 170.0 | 172.2 | 173.7 | 175.1 | 175.1 | 175.9 | 176.6 | 177.3 | 177.3 |
| 60° | 155.4 | 156.2 | 157.6 | 159.8 | 159.8 | 160.5 | 162.0 | 162.0 | 162.7 | 162.7 |
| 62.5° | 140.8 | 142.3 | 143.8 | 145.9 | 145.2 | 145.9 | 147.4 | 147.4 | 148.1 | 148.1 |
| 65° | 126.2 | 127.0 | 128.4 | 129.9 | 130.6 | 130.6 | 131.3 | 132.1 | 132.8 | 132.8 |
| 67.5° | 110.9 | 112.4 | 113.1 | 115.3 | 114.6 | 115.3 | 116.0 | 116.0 | 116.8 | 116.8 |
| 70° | 96.3 | 97.1 | 98.5 | 99.2 | 99.2 | 100.0 | 100.7 | 100.7 | 100.7 | 101.4 |
| 72.5° | 81.7 | 82.5 | 83.2 | 83.9 | 83.9 | 84.6 | 85.4 | 85.4 | 86.1 | 86.1 |
| 75° | 66.4 | 67.9 | 68.6 | 70.1 | 69.3 | 70.1 | 71.5 | 71.5 | 71.5 | 71.5 |
| 77.5° | 53.3 | 54.0 | 55.5 | 56.2 | 56.2 | 56.2 | 57.6 | 56.9 | 57.6 | 57.6 |
| 80° | 40.1 | 40.9 | 42.3 | 43.1 | 43.1 | 43.8 | 44.5 | 44.5 | 44.5 | 45.2 |
| 82.5° | 28.5 | 29.9 | 31.4 | 32.1 | 32.1 | 32.8 | 33.6 | 33.6 | 34.3 | 34.3 |
| 85° | 19.7 | 21.2 | 22.6 | 22.6 | 23.4 | 24.1 | 24.8 | 24.8 | 24.8 | 24.8 |
| 87.5° | 13.1 | 13.9 | 14.6 | 15.3 | 16.1 | 16.1 | 16.8 | 16.8 | 17.5 | 17.5 |
| 90° | 7.3 | 8.0 | 8.8 | 9.5 | 9.5 | 10.2 | 10.2 | 10.9 | 10.9 | 10.9 |
| 92.5° | 10.2 | 10.2 | 10.9 | 11.7 | 11.7 | 11.7 | 11.7 | 12.4 | 12.4 | 12.4 |
| 95° | 21.9 | 22.6 | 22.6 | 24.1 | 24.1 | 24.1 | 24.8 | 24.8 | 24.8 | 24.8 |
| 97.5° | 42.3 | 42.3 | 42.3 | 43.8 | 43.8 | 43.8 | 44.5 | 44.5 | 44.5 | 45.2 |
| 100° | 66.4 | 67.1 | 67.1 | 69.3 | 68.6 | 70.1 | 70.1 | 70.1 | 70.1 | 70.8 |
| 102.5° | 93.4 | 94.9 | 95.6 | 97.8 | 97.8 | 97.8 | 99.2 | 98.5 | 99.2 | 99.2 |
| 105° | 122.6 | 124.1 | 124.8 | 127.0 | 128.4 | 128.4 | 129.9 | 129.2 | 129.9 | 130.6 |
| 107.5° | 151.8 | 154.0 | 155.4 | 157.6 | 159.1 | 159.8 | 159.8 | 160.5 | 161.3 | 162.0 |
| 110° | 181.7 | 183.9 | 187.5 | 189.7 | 190.5 | 191.9 | 192.6 | 193.4 | 194.1 | 195.6 |



TEST NUMBER: P395518

CATALOG NUMBER: I3-FL-30L82765-1D-UNV-W2A-W-4 (3500K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 213.1 | 215.3 | 218.2 | 221.1 | 220.4 | 222.6 | 224.0 | 224.8 | 225.5 | 224.8 |
| 115° | 241.5 | 244.5 | 247.4 | 250.3 | 250.3 | 251.8 | 254.7 | 255.4 | 255.4 | 256.9 |
| 117.5° | 268.5 | 272.2 | 275.1 | 278.0 | 278.7 | 280.2 | 282.4 | 284.6 | 284.6 | 286.0 |
| 120° | 294.8 | 299.2 | 302.1 | 305.0 | 306.5 | 307.2 | 309.4 | 312.3 | 312.3 | 312.3 |
| 122.5° | 319.6 | 323.3 | 326.9 | 329.8 | 331.3 | 332.7 | 334.2 | 337.9 | 337.9 | 339.3 |
| 125° | 343.0 | 347.3 | 351.0 | 353.9 | 355.4 | 356.8 | 359.7 | 361.9 | 362.7 | 362.7 |
| 127.5° | 364.9 | 369.2 | 372.9 | 376.5 | 377.3 | 378.7 | 381.6 | 384.6 | 385.3 | 386.0 |
| 130° | 385.3 | 389.7 | 393.3 | 397.0 | 398.4 | 399.2 | 402.8 | 405.0 | 406.4 | 407.2 |
| 132.5° | 403.5 | 407.9 | 411.6 | 415.2 | 416.7 | 418.1 | 420.3 | 424.0 | 424.7 | 424.7 |
| 135° | 420.3 | 424.7 | 428.3 | 432.7 | 433.4 | 434.9 | 437.8 | 440.0 | 441.5 | 442.2 |
| 137.5° | 435.6 | 440.0 | 444.4 | 448.0 | 449.5 | 450.2 | 453.2 | 456.1 | 457.5 | 458.3 |
| 140° | 449.5 | 453.9 | 458.3 | 461.2 | 461.9 | 464.1 | 466.3 | 469.2 | 470.7 | 471.4 |
| 142.5° | 462.6 | 466.3 | 469.9 | 473.6 | 474.3 | 475.8 | 478.0 | 480.9 | 482.3 | 483.1 |
| 145° | 474.3 | 478.0 | 480.9 | 483.8 | 484.5 | 486.0 | 488.2 | 490.4 | 491.8 | 492.6 |
| 147.5° | 485.3 | 488.2 | 491.1 | 493.3 | 494.0 | 495.5 | 496.9 | 498.4 | 499.9 | 500.6 |
| 150° | 494.7 | 496.2 | 499.1 | 500.6 | 501.3 | 502.8 | 504.2 | 505.7 | 507.1 | 507.9 |
| 152.5° | 502.0 | 504.2 | 505.7 | 507.9 | 508.6 | 509.3 | 510.8 | 512.3 | 513.7 | 513.7 |
| 155° | 507.9 | 510.1 | 511.5 | 513.7 | 514.4 | 515.2 | 516.6 | 517.4 | 518.8 | 518.8 |
| 157.5° | 512.3 | 514.4 | 515.9 | 517.4 | 518.1 | 518.8 | 519.6 | 521.0 | 522.5 | 522.5 |
| 160° | 517.4 | 518.1 | 518.8 | 520.3 | 520.3 | 521.0 | 521.7 | 522.5 | 523.9 | 523.9 |
| 162.5° | 521.7 | 522.5 | 521.0 | 521.7 | 521.0 | 521.7 | 522.5 | 523.2 | 523.9 | 523.9 |
| 165° | 523.2 | 524.7 | 523.9 | 524.7 | 524.7 | 524.7 | 524.7 | 525.4 | 525.4 | 525.4 |
| 167.5° | 523.2 | 524.7 | 523.9 | 523.9 | 524.7 | 524.7 | 525.4 | 526.1 | 526.1 | 526.1 |
| 170° | 523.2 | 523.9 | 523.2 | 522.5 | 523.2 | 523.2 | 523.2 | 523.9 | 523.9 | 523.9 |
| 172.5° | 522.5 | 523.2 | 521.7 | 521.0 | 521.0 | 521.0 | 520.3 | 520.3 | 519.6 | 519.6 |
| 175° | 521.7 | 521.7 | 520.3 | 519.6 | 519.6 | 519.6 | 518.1 | 517.4 | 516.6 | 515.9 |
| 177.5° | 521.0 | 521.0 | 518.8 | 518.1 | 518.1 | 517.4 | 517.4 | 515.9 | 515.9 | 515.2 |
| 180° | 519.6 | 519.6 | 519.6 | 519.6 | 519.6 | 519.6 | 519.6 | 519.6 | 519.6 | 519.6 |

(END OF REPORT)