

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: P395447

Luminaire Tested: **I3-CL-60L83050-1D-UNV-W2A-W-4 (3500K)**

Issue Date: 5/6/2020

Test Information

Test Method: LM-79-08
Report Number: P395447
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2001-656-3)
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: I3-CL-60L83050-1D-UNV-W2A-W-4 (3500K)
Description: CORELITE I3, CLEAR TOP COVER
6000 LUMENS, VIVIDTUNE TUNABLE WHITE
Light Source: 3000K/5000K CCT, 80 CRI LEDS, TUNED TO 3500K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5561.5 lumens
Efficiency: N/A
Efficacy: 126.1 lumens/watt
Spacing Criteria (0/90/45): 1.32 / 1.52 / 1.54
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 3.92' x H: 0.17')
CIE Type: Semi-Indirect

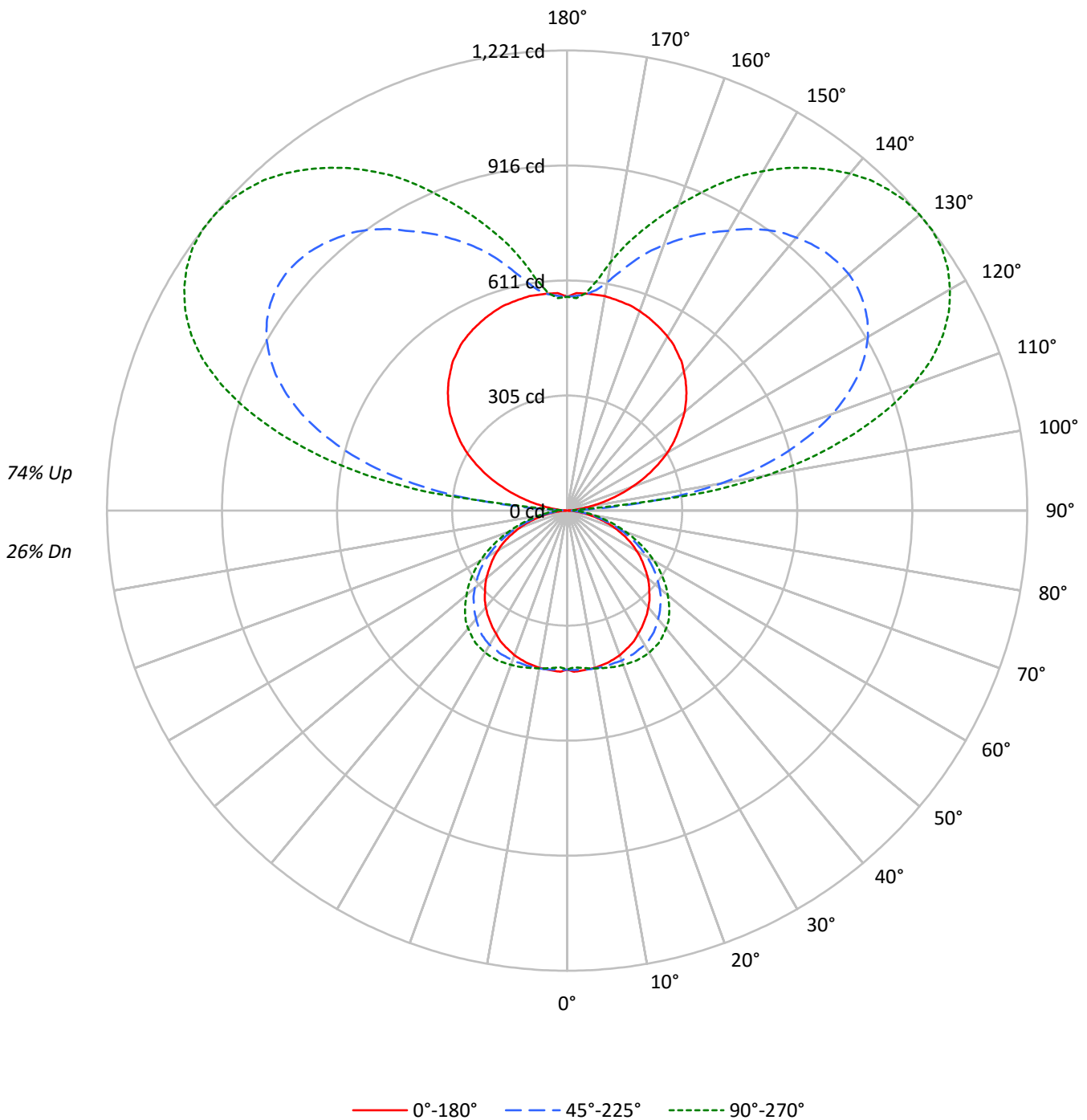
Input Watts (W): 44.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P395447

CATALOG NUMBER: I3-CL-60L83050-1D-UNV-W2A-W-4 (3500K)

Luminous Intensity Polar Plot





TEST NUMBER: P395447

CATALOG NUMBER: I3-CL-60L83050-1D-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 | 101 | 101 | 101 | 101 | 91 | 91 | 91 | 91 | 70 | 70 | 70 | 51 | 51 | 51 | 34 | 34 | 34 | 26 |
| 1 | 92 | 88 | 84 | 81 | 82 | 79 | 75 | 73 | 61 | 59 | 57 | 45 | 43 | 42 | 30 | 29 | 28 | 22 |
| 2 | 84 | 77 | 71 | 65 | 74 | 68 | 63 | 59 | 53 | 50 | 47 | 39 | 37 | 35 | 26 | 25 | 24 | 18 |
| 3 | 76 | 67 | 60 | 54 | 68 | 60 | 54 | 49 | 47 | 42 | 39 | 34 | 32 | 29 | 23 | 21 | 20 | 15 |
| 4 | 70 | 59 | 51 | 45 | 62 | 53 | 46 | 41 | 41 | 37 | 33 | 30 | 27 | 25 | 20 | 18 | 17 | 13 |
| 5 | 64 | 52 | 44 | 39 | 56 | 47 | 40 | 35 | 37 | 32 | 28 | 27 | 24 | 21 | 18 | 16 | 15 | 11 |
| 6 | 58 | 47 | 39 | 33 | 52 | 42 | 35 | 30 | 33 | 28 | 24 | 24 | 21 | 18 | 16 | 14 | 13 | 9 |
| 7 | 54 | 42 | 34 | 29 | 48 | 38 | 31 | 26 | 30 | 25 | 21 | 22 | 19 | 16 | 15 | 13 | 11 | 8 |
| 8 | 50 | 38 | 30 | 25 | 44 | 34 | 27 | 23 | 27 | 22 | 18 | 20 | 17 | 14 | 14 | 11 | 10 | 7 |
| 9 | 46 | 34 | 27 | 22 | 41 | 31 | 25 | 20 | 24 | 20 | 16 | 18 | 15 | 13 | 12 | 10 | 9 | 6 |
| 10 | 43 | 31 | 24 | 20 | 38 | 28 | 22 | 18 | 22 | 18 | 15 | 17 | 13 | 11 | 11 | 9 | 8 | 6 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 2320 | 2320 | 2320 |
| 5° | 2344 | 2284 | 2246 |
| 10° | 2346 | 2266 | 2240 |
| 15° | 2349 | 2258 | 2251 |
| 20° | 2354 | 2259 | 2272 |
| 25° | 2350 | 2261 | 2302 |
| 30° | 2336 | 2265 | 2318 |
| 35° | 2331 | 2252 | 2320 |
| 40° | 2322 | 2204 | 2291 |
| 45° | 2299 | 2151 | 2233 |
| 50° | 2278 | 2080 | 2134 |
| 55° | 2230 | 1975 | 2011 |
| 60° | 2176 | 1836 | 1857 |
| 65° | 2087 | 1649 | 1646 |
| 70° | 1938 | 1404 | 1393 |
| 75° | 1673 | 1117 | 1119 |
| 80° | 1298 | 794 | 819 |
| 85° | 764 | 490 | 549 |



TEST NUMBER: P395447

CATALOG NUMBER: I3-CL-60L83050-1D-UNV-W2A-W-4 (3500K)

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 40.4 | 0.7 |
| 10°-20° | 120.0 | 2.2 |
| 20°-30° | 192.3 | 3.5 |
| 30°-40° | 246.0 | 4.4 |
| 40°-50° | 268.2 | 4.8 |
| 50°-60° | 251.3 | 4.5 |
| 60°-70° | 195.0 | 3.5 |
| 70°-80° | 111.7 | 2.0 |
| 80°-90° | 35.7 | 0.6 |
| 90°-100° | 143.4 | 2.6 |
| 100°-110° | 557.6 | 10.0 |
| 110°-120° | 759.1 | 13.6 |
| 120°-130° | 788.0 | 14.2 |
| 130°-140° | 699.0 | 12.6 |
| 140°-150° | 542.3 | 9.8 |
| 150°-160° | 361.9 | 6.5 |
| 160°-170° | 192.9 | 3.5 |
| 170°-180° | 56.4 | 1.0 |
| 0°-30° | 352.7 | 6.3 |
| 0°-40° | 598.7 | 10.8 |
| 0°-60° | 1118.2 | 20.1 |
| 0°-90° | 1460.7 | 26.3 |
| 90°-120° | 1460.2 | 26.3 |
| 90°-150° | 3489.5 | 62.7 |
| 90°-180° | 4101.0 | 73.7 |
| 0°-180° | 5561.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|-----|-------|------|------|
| 0° | 422 | 422 | 422 | 422 | 422 | |
| 5° | 426 | 422 | 424 | 422 | 419 | 41 |
| 15° | 418 | 416 | 425 | 431 | 431 | 118 |
| 25° | 395 | 398 | 419 | 434 | 438 | 182 |
| 35° | 358 | 365 | 398 | 419 | 426 | 224 |
| 45° | 308 | 322 | 350 | 373 | 383 | 238 |
| 55° | 247 | 260 | 284 | 304 | 310 | 221 |
| 65° | 175 | 183 | 199 | 212 | 217 | 173 |
| 75° | 91 | 96 | 105 | 115 | 118 | 97 |
| 85° | 18 | 21 | 31 | 40 | 42 | 22 |
| 90° | 2 | 4 | 10 | 15 | 18 | 2 |
| 95° | 18 | 102 | 139 | 28 | 27 | 24 |
| 105° | 118 | 358 | 606 | 720 | 789 | 126 |
| 115° | 247 | 552 | 853 | 1003 | 1100 | 243 |
| 125° | 358 | 651 | 961 | 1128 | 1214 | 320 |
| 135° | 448 | 685 | 970 | 1137 | 1205 | 345 |
| 145° | 510 | 685 | 910 | 1057 | 1110 | 320 |
| 155° | 549 | 648 | 807 | 914 | 956 | 254 |
| 165° | 572 | 596 | 685 | 750 | 769 | 162 |
| 175° | 578 | 575 | 576 | 579 | 579 | 55 |
| 180° | 567 | 567 | 567 | 567 | 567 | |



TEST NUMBER: P395447

CATALOG NUMBER: I3-CL-60L83050-1D-UNV-W2A-W-4 (3500K)

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 422.0 | 422.0 | 422.0 | 422.0 | 422.0 | 422.0 | 422.0 | 422.0 | 422.0 | 422.0 | 422.0 |
| 2.5° | 428.0 | 426.5 | 426.5 | 423.5 | 423.5 | 422.0 | 422.0 | 422.0 | 422.0 | 422.0 | 423.5 |
| 5° | 426.5 | 426.5 | 425.0 | 423.5 | 423.5 | 422.0 | 422.0 | 422.0 | 422.0 | 422.0 | 423.5 |
| 7.5° | 425.0 | 425.0 | 423.5 | 422.0 | 422.0 | 422.0 | 422.0 | 422.0 | 422.0 | 422.0 | 425.0 |
| 10° | 423.5 | 423.5 | 422.0 | 420.5 | 420.5 | 420.5 | 420.5 | 422.0 | 422.0 | 422.0 | 425.0 |
| 12.5° | 420.5 | 419.0 | 419.0 | 417.5 | 417.5 | 417.5 | 419.0 | 419.0 | 420.5 | 422.0 | 425.0 |
| 15° | 417.5 | 417.5 | 416.0 | 414.5 | 416.0 | 416.0 | 416.0 | 417.5 | 419.0 | 420.5 | 425.0 |
| 17.5° | 413.1 | 413.1 | 411.6 | 411.6 | 411.6 | 413.1 | 413.1 | 414.5 | 417.5 | 420.5 | 423.5 |
| 20° | 408.6 | 407.1 | 407.1 | 407.1 | 408.6 | 408.6 | 410.1 | 413.1 | 414.5 | 419.0 | 423.5 |
| 22.5° | 401.1 | 402.6 | 401.1 | 401.1 | 402.6 | 404.1 | 405.6 | 408.6 | 411.6 | 416.0 | 420.5 |
| 25° | 395.1 | 395.1 | 395.1 | 395.1 | 398.1 | 398.1 | 401.1 | 404.1 | 408.6 | 413.1 | 419.0 |
| 27.5° | 387.6 | 387.6 | 387.6 | 389.1 | 390.6 | 392.1 | 393.6 | 398.1 | 402.6 | 408.6 | 414.5 |
| 30° | 377.1 | 377.1 | 377.1 | 377.1 | 381.6 | 383.1 | 386.1 | 392.1 | 396.6 | 404.1 | 411.6 |
| 32.5° | 368.2 | 368.2 | 368.2 | 369.7 | 372.6 | 374.1 | 377.1 | 384.6 | 390.6 | 398.1 | 405.6 |
| 35° | 357.7 | 357.7 | 359.2 | 359.2 | 363.7 | 365.2 | 368.2 | 374.1 | 380.1 | 389.1 | 398.1 |
| 37.5° | 347.2 | 347.2 | 348.7 | 350.2 | 353.2 | 356.2 | 359.2 | 365.2 | 371.1 | 378.6 | 387.6 |
| 40° | 335.2 | 335.2 | 336.7 | 338.2 | 342.7 | 345.7 | 348.7 | 354.7 | 360.7 | 368.2 | 375.6 |
| 42.5° | 323.3 | 323.3 | 324.8 | 326.3 | 330.7 | 333.7 | 336.7 | 344.2 | 350.2 | 357.7 | 363.7 |
| 45° | 308.3 | 309.8 | 311.3 | 314.3 | 318.8 | 321.8 | 324.8 | 330.7 | 338.2 | 344.2 | 350.2 |
| 47.5° | 294.8 | 296.3 | 297.8 | 300.8 | 305.3 | 308.3 | 311.3 | 317.3 | 323.3 | 329.2 | 336.7 |
| 50° | 279.9 | 281.4 | 282.9 | 285.8 | 290.3 | 293.3 | 296.3 | 302.3 | 308.3 | 312.8 | 320.3 |
| 52.5° | 263.4 | 264.9 | 266.4 | 269.4 | 275.4 | 276.9 | 279.9 | 285.8 | 290.3 | 296.3 | 302.3 |
| 55° | 246.9 | 248.4 | 249.9 | 252.9 | 257.4 | 260.4 | 261.9 | 267.9 | 272.4 | 278.4 | 284.3 |
| 57.5° | 230.5 | 232.0 | 233.5 | 236.5 | 239.4 | 242.4 | 243.9 | 248.4 | 254.4 | 258.9 | 264.9 |
| 60° | 212.5 | 214.0 | 215.5 | 217.0 | 221.5 | 223.0 | 224.5 | 229.0 | 233.5 | 239.4 | 243.9 |
| 62.5° | 194.6 | 194.6 | 196.0 | 197.5 | 202.0 | 203.5 | 205.0 | 208.0 | 214.0 | 217.0 | 221.5 |
| 65° | 175.1 | 175.1 | 176.6 | 178.1 | 181.1 | 182.6 | 184.1 | 187.1 | 191.6 | 194.6 | 199.0 |
| 67.5° | 154.1 | 154.1 | 155.6 | 157.1 | 160.1 | 161.6 | 161.6 | 166.1 | 169.1 | 172.1 | 175.1 |
| 70° | 134.7 | 134.7 | 136.2 | 136.2 | 137.7 | 139.2 | 140.7 | 143.7 | 145.2 | 149.7 | 151.2 |
| 72.5° | 113.7 | 113.7 | 113.7 | 113.7 | 116.7 | 116.7 | 118.2 | 121.2 | 122.7 | 125.7 | 128.7 |
| 75° | 91.3 | 91.3 | 92.8 | 92.8 | 94.3 | 95.8 | 97.3 | 98.8 | 101.8 | 103.3 | 104.8 |
| 77.5° | 71.8 | 70.3 | 71.8 | 73.3 | 74.8 | 74.8 | 76.3 | 77.8 | 79.3 | 82.3 | 83.8 |
| 80° | 50.9 | 50.9 | 50.9 | 52.4 | 53.9 | 53.9 | 55.4 | 56.9 | 58.4 | 61.4 | 62.9 |
| 82.5° | 32.9 | 32.9 | 34.4 | 34.4 | 35.9 | 37.4 | 37.4 | 38.9 | 40.4 | 43.4 | 44.9 |
| 85° | 18.0 | 18.0 | 18.0 | 19.5 | 21.0 | 21.0 | 22.4 | 23.9 | 26.9 | 28.4 | 31.4 |
| 87.5° | 6.0 | 6.0 | 7.5 | 9.0 | 10.5 | 10.5 | 12.0 | 13.5 | 15.0 | 18.0 | 19.5 |
| 90° | 1.5 | 1.5 | 1.5 | 3.0 | 3.0 | 4.5 | 4.5 | 6.0 | 7.5 | 9.0 | 10.5 |
| 92.5° | 6.0 | 10.5 | 16.5 | 23.9 | 22.4 | 23.9 | 16.5 | 10.5 | 10.5 | 10.5 | 12.0 |
| 95° | 18.0 | 26.9 | 43.4 | 68.8 | 89.8 | 101.8 | 112.2 | 122.7 | 143.7 | 145.2 | 139.2 |
| 97.5° | 35.9 | 49.4 | 79.3 | 112.2 | 149.7 | 169.1 | 184.1 | 215.5 | 248.4 | 269.4 | 294.8 |
| 100° | 59.9 | 79.3 | 118.2 | 163.1 | 206.5 | 232.0 | 255.9 | 300.8 | 341.2 | 377.1 | 416.0 |
| 102.5° | 88.3 | 110.7 | 158.6 | 214.0 | 267.9 | 296.3 | 321.8 | 374.1 | 429.5 | 477.4 | 519.3 |
| 105° | 118.2 | 143.7 | 200.5 | 263.4 | 324.8 | 357.7 | 389.1 | 446.0 | 504.3 | 556.7 | 606.1 |
| 107.5° | 151.2 | 178.1 | 239.4 | 309.8 | 378.6 | 416.0 | 450.5 | 511.8 | 573.2 | 630.1 | 682.4 |
| 110° | 182.6 | 212.5 | 276.9 | 353.2 | 431.0 | 468.4 | 502.8 | 570.2 | 634.5 | 694.4 | 749.8 |



TEST NUMBER: P395447

CATALOG NUMBER: I3-CL-60L83050-1D-UNV-W2A-W-4 (3500K)

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 215.5 | 246.9 | 311.3 | 395.1 | 474.4 | 513.3 | 549.2 | 621.1 | 688.4 | 749.8 | 805.1 |
| 115° | 246.9 | 276.9 | 344.2 | 431.0 | 511.8 | 552.2 | 591.1 | 664.5 | 734.8 | 796.2 | 853.0 |
| 117.5° | 276.9 | 305.3 | 374.1 | 460.9 | 544.7 | 585.2 | 624.1 | 700.4 | 770.7 | 835.1 | 890.5 |
| 120° | 306.8 | 332.2 | 407.1 | 486.4 | 571.7 | 612.1 | 652.5 | 728.8 | 800.7 | 865.0 | 921.9 |
| 122.5° | 333.7 | 357.7 | 431.0 | 508.8 | 592.6 | 634.5 | 673.5 | 751.3 | 824.6 | 889.0 | 944.3 |
| 125° | 357.7 | 380.1 | 453.5 | 526.8 | 610.6 | 651.0 | 691.4 | 767.7 | 841.1 | 903.9 | 960.8 |
| 127.5° | 381.6 | 404.1 | 469.9 | 544.7 | 622.6 | 664.5 | 703.4 | 779.7 | 851.5 | 915.9 | 971.3 |
| 130° | 407.1 | 423.5 | 486.4 | 561.2 | 634.5 | 673.5 | 713.9 | 787.2 | 857.5 | 920.4 | 975.8 |
| 132.5° | 428.0 | 443.0 | 502.8 | 574.7 | 643.5 | 680.9 | 716.9 | 790.2 | 860.5 | 920.4 | 974.3 |
| 135° | 447.5 | 459.4 | 514.8 | 586.7 | 651.0 | 685.4 | 719.8 | 788.7 | 857.5 | 917.4 | 969.8 |
| 137.5° | 465.4 | 477.4 | 525.3 | 595.6 | 657.0 | 686.9 | 719.8 | 784.2 | 850.0 | 909.9 | 959.3 |
| 140° | 481.9 | 490.9 | 534.3 | 600.1 | 660.0 | 688.4 | 716.9 | 776.7 | 838.1 | 896.4 | 945.8 |
| 142.5° | 498.4 | 505.8 | 541.8 | 603.1 | 661.5 | 688.4 | 715.4 | 767.7 | 824.6 | 881.5 | 930.9 |
| 145° | 510.3 | 517.8 | 547.7 | 604.6 | 660.0 | 685.4 | 709.4 | 758.8 | 809.6 | 862.0 | 909.9 |
| 147.5° | 523.8 | 529.8 | 553.7 | 601.6 | 655.5 | 679.4 | 701.9 | 746.8 | 793.2 | 841.1 | 886.0 |
| 150° | 532.8 | 538.8 | 556.7 | 598.6 | 648.0 | 670.5 | 692.9 | 734.8 | 776.7 | 818.6 | 857.5 |
| 152.5° | 541.8 | 546.2 | 561.2 | 594.1 | 639.0 | 660.0 | 680.9 | 721.3 | 760.3 | 797.7 | 832.1 |
| 155° | 549.2 | 553.7 | 564.2 | 591.1 | 628.6 | 648.0 | 667.5 | 706.4 | 742.3 | 775.2 | 806.6 |
| 157.5° | 556.7 | 559.7 | 567.2 | 586.7 | 616.6 | 634.5 | 652.5 | 686.9 | 719.8 | 752.8 | 778.2 |
| 160° | 562.7 | 564.2 | 570.2 | 585.2 | 606.1 | 619.6 | 636.0 | 667.5 | 697.4 | 725.8 | 749.8 |
| 162.5° | 568.7 | 568.7 | 573.2 | 582.2 | 597.1 | 606.1 | 618.1 | 645.0 | 672.0 | 697.4 | 719.8 |
| 165° | 571.7 | 571.7 | 574.7 | 580.7 | 589.6 | 595.6 | 603.1 | 621.1 | 642.0 | 664.5 | 685.4 |
| 167.5° | 574.7 | 574.7 | 576.2 | 579.2 | 585.2 | 588.1 | 591.1 | 603.1 | 616.6 | 633.0 | 649.5 |
| 170° | 577.7 | 576.2 | 576.2 | 579.2 | 580.7 | 582.2 | 583.7 | 589.6 | 595.6 | 606.1 | 615.1 |
| 172.5° | 577.7 | 576.2 | 576.2 | 577.7 | 577.7 | 577.7 | 577.7 | 579.2 | 580.7 | 586.7 | 589.6 |
| 175° | 577.7 | 576.2 | 576.2 | 576.2 | 576.2 | 574.7 | 574.7 | 574.7 | 574.7 | 574.7 | 576.2 |
| 177.5° | 577.7 | 576.2 | 574.7 | 574.7 | 573.2 | 573.2 | 571.7 | 571.7 | 570.2 | 570.2 | 570.2 |
| 180° | 567.2 | 567.2 | 567.2 | 567.2 | 567.2 | 567.2 | 567.2 | 567.2 | 567.2 | 567.2 | 567.2 |



TEST NUMBER: P395447

CATALOG NUMBER: I3-CL-60L83050-1D-UNV-W2A-W-4 (3500K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 422.0 | 422.0 | 422.0 | 422.0 | 422.0 | 422.0 | 422.0 | 422.0 | 422.0 | 422.0 |
| 2.5° | 423.5 | 423.5 | 422.0 | 422.0 | 420.5 | 420.5 | 419.0 | 417.5 | 416.0 | 416.0 |
| 5° | 425.0 | 423.5 | 422.0 | 422.0 | 422.0 | 420.5 | 420.5 | 420.5 | 419.0 | 419.0 |
| 7.5° | 425.0 | 425.0 | 425.0 | 423.5 | 423.5 | 423.5 | 423.5 | 423.5 | 422.0 | 422.0 |
| 10° | 426.5 | 426.5 | 426.5 | 426.5 | 426.5 | 426.5 | 426.5 | 425.0 | 425.0 | 425.0 |
| 12.5° | 426.5 | 426.5 | 426.5 | 428.0 | 428.0 | 428.0 | 428.0 | 428.0 | 428.0 | 428.0 |
| 15° | 428.0 | 428.0 | 429.5 | 429.5 | 431.0 | 431.0 | 432.5 | 432.5 | 432.5 | 431.0 |
| 17.5° | 426.5 | 428.0 | 429.5 | 431.0 | 432.5 | 432.5 | 434.0 | 434.0 | 434.0 | 434.0 |
| 20° | 426.5 | 429.5 | 431.0 | 432.5 | 434.0 | 434.0 | 435.5 | 437.0 | 437.0 | 435.5 |
| 22.5° | 425.0 | 428.0 | 429.5 | 432.5 | 434.0 | 434.0 | 437.0 | 437.0 | 437.0 | 437.0 |
| 25° | 423.5 | 426.5 | 429.5 | 432.5 | 434.0 | 434.0 | 437.0 | 437.0 | 438.5 | 438.5 |
| 27.5° | 420.5 | 423.5 | 428.0 | 431.0 | 432.5 | 434.0 | 435.5 | 437.0 | 437.0 | 437.0 |
| 30° | 416.0 | 420.5 | 425.0 | 428.0 | 429.5 | 431.0 | 432.5 | 434.0 | 435.5 | 435.5 |
| 32.5° | 410.1 | 414.5 | 419.0 | 423.5 | 425.0 | 426.5 | 429.5 | 431.0 | 431.0 | 431.0 |
| 35° | 404.1 | 408.6 | 413.1 | 417.5 | 419.0 | 420.5 | 423.5 | 425.0 | 426.5 | 426.5 |
| 37.5° | 395.1 | 399.6 | 404.1 | 408.6 | 410.1 | 413.1 | 416.0 | 417.5 | 417.5 | 417.5 |
| 40° | 381.6 | 389.1 | 395.1 | 399.6 | 401.1 | 404.1 | 405.6 | 408.6 | 408.6 | 408.6 |
| 42.5° | 369.7 | 375.6 | 380.1 | 386.1 | 387.6 | 392.1 | 395.1 | 396.6 | 398.1 | 398.1 |
| 45° | 356.2 | 362.2 | 366.7 | 371.1 | 372.6 | 375.6 | 378.6 | 380.1 | 381.6 | 383.1 |
| 47.5° | 342.7 | 347.2 | 351.7 | 356.2 | 357.7 | 360.7 | 363.7 | 365.2 | 366.7 | 366.7 |
| 50° | 326.3 | 330.7 | 335.2 | 339.7 | 341.2 | 344.2 | 345.7 | 347.2 | 348.7 | 348.7 |
| 52.5° | 308.3 | 312.8 | 317.3 | 321.8 | 323.3 | 324.8 | 327.7 | 329.2 | 330.7 | 330.7 |
| 55° | 290.3 | 294.8 | 297.8 | 302.3 | 303.8 | 305.3 | 306.8 | 309.8 | 311.3 | 309.8 |
| 57.5° | 269.4 | 273.9 | 276.9 | 281.4 | 282.9 | 284.3 | 285.8 | 287.3 | 288.8 | 288.8 |
| 60° | 246.9 | 251.4 | 255.9 | 258.9 | 260.4 | 261.9 | 263.4 | 264.9 | 266.4 | 266.4 |
| 62.5° | 224.5 | 229.0 | 232.0 | 236.5 | 238.0 | 238.0 | 239.4 | 240.9 | 242.4 | 242.4 |
| 65° | 202.0 | 206.5 | 208.0 | 212.5 | 212.5 | 214.0 | 215.5 | 217.0 | 217.0 | 217.0 |
| 67.5° | 178.1 | 182.6 | 184.1 | 187.1 | 187.1 | 188.6 | 190.1 | 191.6 | 191.6 | 191.6 |
| 70° | 155.6 | 157.1 | 160.1 | 161.6 | 163.1 | 163.1 | 164.6 | 166.1 | 167.6 | 166.1 |
| 72.5° | 131.7 | 133.2 | 136.2 | 137.7 | 137.7 | 139.2 | 139.2 | 140.7 | 142.2 | 142.2 |
| 75° | 107.8 | 110.7 | 112.2 | 113.7 | 115.2 | 115.2 | 116.7 | 118.2 | 118.2 | 118.2 |
| 77.5° | 85.3 | 88.3 | 89.8 | 91.3 | 92.8 | 92.8 | 94.3 | 94.3 | 95.8 | 94.3 |
| 80° | 65.8 | 67.3 | 68.8 | 70.3 | 71.8 | 71.8 | 73.3 | 74.8 | 74.8 | 74.8 |
| 82.5° | 47.9 | 49.4 | 52.4 | 53.9 | 53.9 | 53.9 | 56.9 | 56.9 | 58.4 | 56.9 |
| 85° | 32.9 | 34.4 | 37.4 | 38.9 | 40.4 | 40.4 | 40.4 | 41.9 | 43.4 | 41.9 |
| 87.5° | 21.0 | 23.9 | 25.4 | 26.9 | 26.9 | 26.9 | 28.4 | 29.9 | 29.9 | 29.9 |
| 90° | 12.0 | 12.0 | 13.5 | 15.0 | 15.0 | 16.5 | 16.5 | 18.0 | 18.0 | 18.0 |
| 92.5° | 12.0 | 13.5 | 13.5 | 13.5 | 15.0 | 15.0 | 15.0 | 16.5 | 16.5 | 16.5 |
| 95° | 101.8 | 73.3 | 41.9 | 32.9 | 28.4 | 28.4 | 26.9 | 28.4 | 26.9 | 26.9 |
| 97.5° | 308.3 | 333.7 | 345.7 | 362.2 | 371.1 | 369.7 | 363.7 | 369.7 | 365.2 | 369.7 |
| 100° | 438.5 | 462.4 | 480.4 | 484.9 | 493.9 | 498.4 | 514.8 | 526.8 | 532.8 | 540.3 |
| 102.5° | 544.7 | 573.2 | 594.1 | 606.1 | 615.1 | 621.1 | 640.5 | 658.5 | 667.5 | 673.5 |
| 105° | 642.0 | 672.0 | 697.4 | 709.4 | 719.8 | 725.8 | 746.8 | 767.7 | 781.2 | 788.7 |
| 107.5° | 719.8 | 754.3 | 781.2 | 799.2 | 809.6 | 820.1 | 845.6 | 866.5 | 883.0 | 890.5 |
| 110° | 790.2 | 824.6 | 853.0 | 874.0 | 886.0 | 896.4 | 924.9 | 948.8 | 966.8 | 975.8 |



TEST NUMBER: P395447

CATALOG NUMBER: I3-CL-60L83050-1D-UNV-W2A-W-4 (3500K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 848.6 | 886.0 | 914.4 | 936.8 | 948.8 | 963.8 | 990.7 | 1017.7 | 1035.6 | 1046.1 |
| 115° | 896.4 | 935.4 | 965.3 | 989.2 | 1002.7 | 1016.2 | 1047.6 | 1074.5 | 1092.5 | 1100.0 |
| 117.5° | 936.8 | 975.8 | 1007.2 | 1031.1 | 1046.1 | 1061.1 | 1092.5 | 1116.4 | 1135.9 | 1141.9 |
| 120° | 969.8 | 1008.7 | 1040.1 | 1067.0 | 1082.0 | 1095.5 | 1125.4 | 1150.9 | 1168.8 | 1173.3 |
| 122.5° | 992.2 | 1032.6 | 1065.6 | 1095.5 | 1109.0 | 1122.4 | 1150.9 | 1176.3 | 1192.8 | 1197.2 |
| 125° | 1008.7 | 1050.6 | 1083.5 | 1114.9 | 1128.4 | 1141.9 | 1168.8 | 1194.3 | 1207.7 | 1213.7 |
| 127.5° | 1019.2 | 1061.1 | 1097.0 | 1126.9 | 1141.9 | 1153.8 | 1180.8 | 1203.2 | 1216.7 | 1221.2 |
| 130° | 1022.2 | 1065.6 | 1101.5 | 1132.9 | 1146.4 | 1158.3 | 1183.8 | 1206.2 | 1218.2 | 1221.2 |
| 132.5° | 1022.2 | 1064.1 | 1101.5 | 1131.4 | 1144.9 | 1156.8 | 1180.8 | 1201.7 | 1213.7 | 1216.7 |
| 135° | 1016.2 | 1056.6 | 1094.0 | 1123.9 | 1137.4 | 1149.4 | 1173.3 | 1191.3 | 1203.2 | 1204.7 |
| 137.5° | 1005.7 | 1044.6 | 1080.5 | 1110.4 | 1123.9 | 1135.9 | 1156.8 | 1176.3 | 1186.8 | 1189.8 |
| 140° | 992.2 | 1028.1 | 1064.1 | 1092.5 | 1106.0 | 1116.4 | 1137.4 | 1153.8 | 1164.3 | 1167.3 |
| 142.5° | 974.3 | 1010.2 | 1043.1 | 1071.5 | 1082.0 | 1094.0 | 1111.9 | 1128.4 | 1137.4 | 1140.4 |
| 145° | 954.8 | 989.2 | 1019.2 | 1044.6 | 1056.6 | 1067.0 | 1083.5 | 1098.5 | 1107.5 | 1110.4 |
| 147.5° | 929.4 | 963.8 | 992.2 | 1016.2 | 1026.6 | 1037.1 | 1052.1 | 1065.6 | 1074.5 | 1077.5 |
| 150° | 897.9 | 929.4 | 959.3 | 981.7 | 992.2 | 1002.7 | 1017.7 | 1029.6 | 1038.6 | 1040.1 |
| 152.5° | 866.5 | 896.4 | 921.9 | 944.3 | 954.8 | 965.3 | 978.8 | 990.7 | 1001.2 | 1001.2 |
| 155° | 836.6 | 862.0 | 886.0 | 905.4 | 914.4 | 923.4 | 936.8 | 947.3 | 956.3 | 956.3 |
| 157.5° | 805.1 | 829.1 | 848.6 | 866.5 | 874.0 | 881.5 | 893.4 | 902.4 | 909.9 | 908.4 |
| 160° | 775.2 | 793.2 | 811.1 | 826.1 | 833.6 | 839.6 | 848.6 | 856.0 | 863.5 | 862.0 |
| 162.5° | 742.3 | 758.8 | 773.7 | 784.2 | 790.2 | 794.7 | 803.7 | 811.1 | 815.6 | 815.6 |
| 165° | 704.9 | 719.8 | 733.3 | 743.8 | 749.8 | 752.8 | 760.3 | 764.7 | 769.2 | 769.2 |
| 167.5° | 666.0 | 677.9 | 689.9 | 698.9 | 704.9 | 707.9 | 715.4 | 718.3 | 724.3 | 722.8 |
| 170° | 627.1 | 636.0 | 645.0 | 652.5 | 655.5 | 658.5 | 664.5 | 667.5 | 670.5 | 670.5 |
| 172.5° | 595.6 | 598.6 | 603.1 | 609.1 | 609.1 | 610.6 | 613.6 | 615.1 | 616.6 | 616.6 |
| 175° | 577.7 | 579.2 | 579.2 | 579.2 | 579.2 | 579.2 | 580.7 | 579.2 | 580.7 | 579.2 |
| 177.5° | 570.2 | 570.2 | 568.7 | 568.7 | 567.2 | 568.7 | 567.2 | 565.7 | 565.7 | 564.2 |
| 180° | 567.2 | 567.2 | 567.2 | 567.2 | 567.2 | 567.2 | 567.2 | 567.2 | 567.2 | 567.2 |

(END OF REPORT)