

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: P395799

Luminaire Tested: **I3-UL-80L93050-1D-UNV-W2A-W-4 (4000K)**

Issue Date: 5/6/2020

Test Information

Test Method: LM-79-08
Report Number: P395799
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-80L93050-1D-UNV-W2A-W-4 (4000K)
Description: CORELITE I3, OPEN TOP
8000 LUMENS, VIVIDTUNE TUNABLE WHITE
Light Source: 3000K/5000K CCT, 90 CRI LEDS, TUNED TO 4000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7374.5 lumens
Efficiency: N/A
Efficacy: 115.4 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

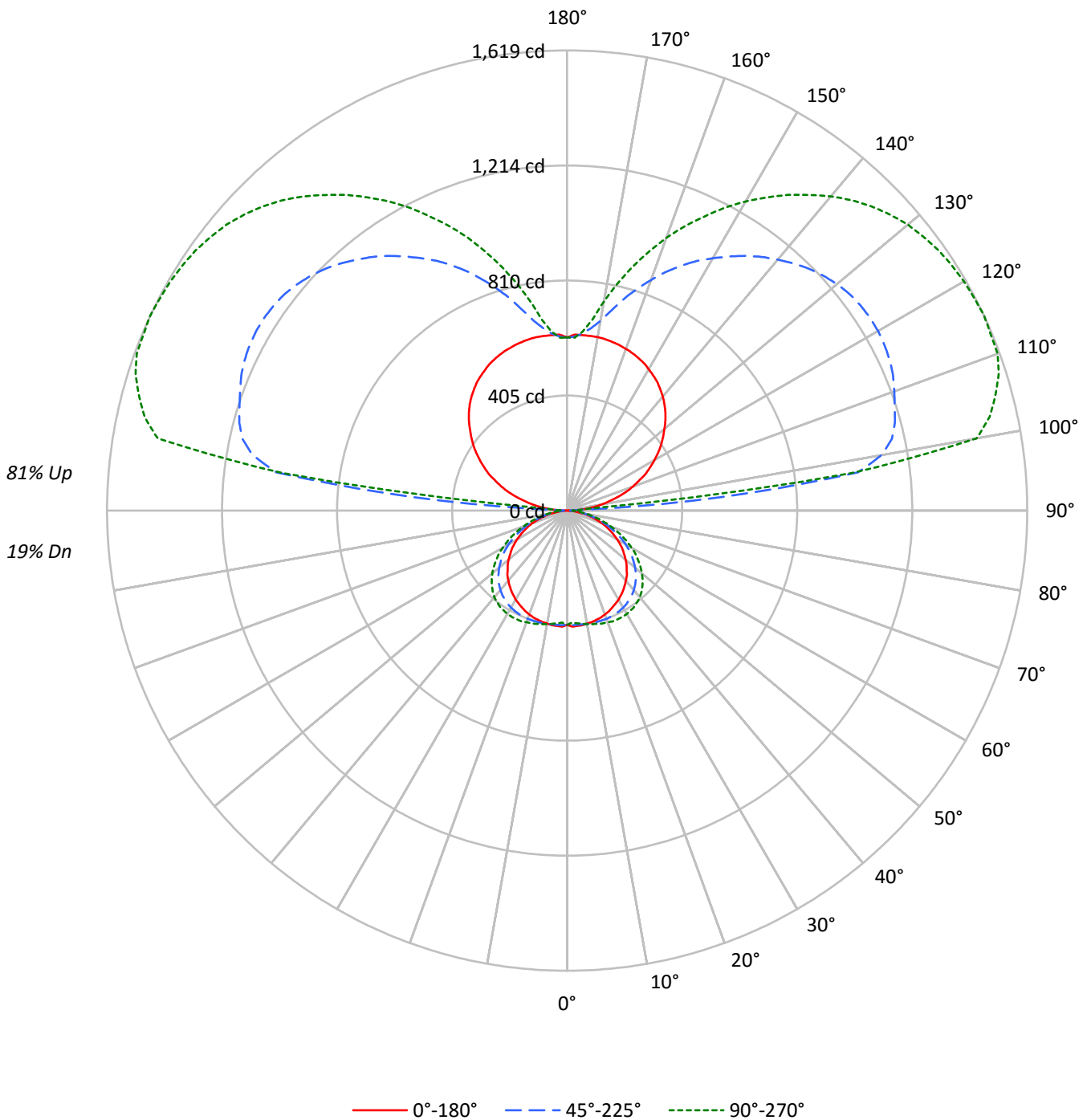
Input Watts (W): 63.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P395799

CATALOG NUMBER: I3-UL-80L93050-1D-UNV-W2A-W-4 (4000K)

Luminous Intensity Polar Plot





TEST NUMBER: P395799

CATALOG NUMBER: I3-UL-80L93050-1D-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° | 2208 | 2208 | 2208 |
| 5° | 2238 | 2176 | 2134 |
| 10° | 2235 | 2161 | 2137 |
| 15° | 2239 | 2153 | 2155 |
| 20° | 2240 | 2162 | 2180 |
| 25° | 2237 | 2168 | 2213 |
| 30° | 2241 | 2170 | 2234 |
| 35° | 2238 | 2159 | 2245 |
| 40° | 2229 | 2143 | 2232 |
| 45° | 2208 | 2098 | 2183 |
| 50° | 2189 | 2030 | 2102 |
| 55° | 2151 | 1932 | 1982 |
| 60° | 2085 | 1792 | 1824 |
| 65° | 1993 | 1595 | 1627 |
| 70° | 1883 | 1384 | 1372 |
| 75° | 1633 | 1085 | 1101 |
| 80° | 1298 | 780 | 796 |
| 85° | 772 | 454 | 524 |



TEST NUMBER: P395799

CATALOG NUMBER: I3-UL-80L93050-1D-UNV-W2A-W-4 (4000K)

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 38.5 | 0.5 |
| 10°-20° | 114.6 | 1.6 |
| 20°-30° | 184.4 | 2.5 |
| 30°-40° | 237.2 | 3.2 |
| 40°-50° | 260.6 | 3.5 |
| 50°-60° | 244.9 | 3.3 |
| 60°-70° | 190.3 | 2.6 |
| 70°-80° | 109.2 | 1.5 |
| 80°-90° | 35.0 | 0.5 |
| 90°-100° | 471.4 | 6.4 |
| 100°-110° | 1120.3 | 15.2 |
| 110°-120° | 1125.3 | 15.3 |
| 120°-130° | 1032.0 | 14.0 |
| 130°-140° | 862.9 | 11.7 |
| 140°-150° | 647.7 | 8.8 |
| 150°-160° | 421.6 | 5.7 |
| 160°-170° | 217.1 | 2.9 |
| 170°-180° | 61.4 | 0.8 |
| 0°-30° | 337.4 | 4.6 |
| 0°-40° | 574.6 | 7.8 |
| 0°-60° | 1080.2 | 14.6 |
| 0°-90° | 1414.6 | 19.2 |
| 90°-120° | 2717.0 | 36.8 |
| 90°-150° | 5259.7 | 71.3 |
| 90°-180° | 5960.0 | 80.8 |
| 0°-180° | 7374.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|------|-------|------|------|
| 0° | 402 | 402 | 402 | 402 | 402 | |
| 5° | 407 | 404 | 404 | 402 | 398 | 39 |
| 15° | 398 | 396 | 405 | 411 | 413 | 112 |
| 25° | 376 | 380 | 402 | 416 | 422 | 174 |
| 35° | 344 | 353 | 382 | 405 | 413 | 215 |
| 45° | 296 | 311 | 342 | 367 | 374 | 229 |
| 55° | 238 | 251 | 278 | 298 | 305 | 212 |
| 65° | 167 | 176 | 193 | 209 | 214 | 166 |
| 75° | 89 | 93 | 102 | 113 | 116 | 95 |
| 85° | 18 | 22 | 29 | 38 | 40 | 22 |
| 90° | 2 | 6 | 11 | 16 | 18 | 5 |
| 95° | 64 | 527 | 542 | 73 | 62 | 63 |
| 105° | 184 | 707 | 1194 | 1472 | 1559 | 194 |
| 115° | 304 | 796 | 1252 | 1523 | 1619 | 298 |
| 125° | 404 | 831 | 1260 | 1508 | 1596 | 360 |
| 135° | 489 | 827 | 1203 | 1430 | 1514 | 377 |
| 145° | 552 | 792 | 1094 | 1285 | 1356 | 345 |
| 155° | 592 | 727 | 950 | 1089 | 1141 | 274 |
| 165° | 614 | 656 | 771 | 854 | 887 | 174 |
| 175° | 620 | 618 | 625 | 632 | 632 | 59 |
| 180° | 609 | 609 | 609 | 609 | 609 | |



TEST NUMBER: P395799

CATALOG NUMBER: I3-UL-80L93050-1D-UNV-W2A-W-4 (4000K)

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 0° | 401.7 | 401.7 | 401.7 | 401.7 | 401.7 | 401.7 | 401.7 | 401.7 | 401.7 | 401.7 | 401.7 |
| 2.5° | 408.9 | 407.1 | 405.3 | 405.3 | 403.5 | 403.5 | 403.5 | 401.7 | 401.7 | 401.7 | 403.5 |
| 5° | 407.1 | 407.1 | 405.3 | 403.5 | 403.5 | 403.5 | 401.7 | 401.7 | 401.7 | 401.7 | 403.5 |
| 7.5° | 407.1 | 405.3 | 403.5 | 403.5 | 401.7 | 401.7 | 401.7 | 401.7 | 401.7 | 401.7 | 403.5 |
| 10° | 403.5 | 403.5 | 401.7 | 401.7 | 399.8 | 401.7 | 401.7 | 401.7 | 401.7 | 401.7 | 405.3 |
| 12.5° | 401.7 | 401.7 | 399.8 | 398.0 | 398.0 | 398.0 | 399.8 | 399.8 | 399.8 | 401.7 | 405.3 |
| 15° | 398.0 | 398.0 | 396.2 | 396.2 | 396.2 | 396.2 | 398.0 | 398.0 | 399.8 | 401.7 | 405.3 |
| 17.5° | 394.4 | 394.4 | 392.6 | 392.6 | 392.6 | 394.4 | 394.4 | 396.2 | 398.0 | 401.7 | 405.3 |
| 20° | 388.9 | 388.9 | 388.9 | 388.9 | 388.9 | 390.7 | 390.7 | 392.6 | 396.2 | 399.8 | 405.3 |
| 22.5° | 383.5 | 383.5 | 383.5 | 383.5 | 383.5 | 385.3 | 387.1 | 390.7 | 392.6 | 398.0 | 403.5 |
| 25° | 376.2 | 376.2 | 376.2 | 376.2 | 378.0 | 379.8 | 381.7 | 385.3 | 388.9 | 394.4 | 401.7 |
| 27.5° | 368.9 | 370.8 | 370.8 | 370.8 | 372.6 | 374.4 | 376.2 | 379.8 | 385.3 | 392.6 | 398.0 |
| 30° | 361.7 | 361.7 | 361.7 | 363.5 | 365.3 | 367.1 | 370.8 | 374.4 | 379.8 | 387.1 | 394.4 |
| 32.5° | 352.6 | 352.6 | 354.4 | 354.4 | 358.0 | 359.9 | 363.5 | 368.9 | 374.4 | 381.7 | 388.9 |
| 35° | 343.5 | 343.5 | 343.5 | 347.1 | 348.9 | 352.6 | 354.4 | 359.9 | 367.1 | 374.4 | 381.7 |
| 37.5° | 332.6 | 334.4 | 334.4 | 336.2 | 339.9 | 343.5 | 345.3 | 352.6 | 359.9 | 367.1 | 374.4 |
| 40° | 321.7 | 323.5 | 323.5 | 325.3 | 330.8 | 332.6 | 336.2 | 343.5 | 348.9 | 358.0 | 365.3 |
| 42.5° | 310.8 | 310.8 | 312.6 | 314.4 | 319.9 | 321.7 | 325.3 | 332.6 | 339.9 | 347.1 | 354.4 |
| 45° | 296.2 | 298.1 | 299.9 | 301.7 | 307.1 | 310.8 | 314.4 | 319.9 | 327.1 | 334.4 | 341.7 |
| 47.5° | 283.5 | 283.5 | 285.3 | 289.0 | 294.4 | 298.1 | 299.9 | 307.1 | 312.6 | 319.9 | 327.1 |
| 50° | 269.0 | 270.8 | 270.8 | 274.4 | 279.9 | 283.5 | 285.3 | 292.6 | 298.1 | 305.3 | 312.6 |
| 52.5° | 252.6 | 254.4 | 256.3 | 259.9 | 265.3 | 269.0 | 270.8 | 276.2 | 281.7 | 289.0 | 294.4 |
| 55° | 238.1 | 239.9 | 239.9 | 243.5 | 249.0 | 250.8 | 254.4 | 258.1 | 265.3 | 270.8 | 278.1 |
| 57.5° | 221.7 | 223.5 | 223.5 | 227.2 | 230.8 | 234.4 | 236.3 | 241.7 | 247.2 | 252.6 | 258.1 |
| 60° | 203.6 | 205.4 | 207.2 | 209.0 | 212.6 | 216.3 | 218.1 | 221.7 | 227.2 | 232.6 | 238.1 |
| 62.5° | 185.4 | 187.2 | 189.0 | 190.8 | 194.5 | 196.3 | 198.1 | 203.6 | 207.2 | 212.6 | 216.3 |
| 65° | 167.2 | 169.0 | 170.8 | 172.7 | 174.5 | 176.3 | 178.1 | 181.7 | 185.4 | 190.8 | 192.6 |
| 67.5° | 149.0 | 150.8 | 150.8 | 152.7 | 154.5 | 156.3 | 158.1 | 161.8 | 163.6 | 169.0 | 170.8 |
| 70° | 130.9 | 130.9 | 130.9 | 132.7 | 132.7 | 134.5 | 136.3 | 139.9 | 141.8 | 145.4 | 149.0 |
| 72.5° | 109.0 | 110.9 | 110.9 | 110.9 | 112.7 | 114.5 | 116.3 | 118.1 | 120.0 | 121.8 | 125.4 |
| 75° | 89.1 | 90.9 | 89.1 | 90.9 | 92.7 | 92.7 | 94.5 | 96.3 | 98.1 | 100.0 | 101.8 |
| 77.5° | 70.9 | 69.1 | 70.9 | 70.9 | 72.7 | 72.7 | 72.7 | 74.5 | 78.1 | 78.1 | 81.8 |
| 80° | 50.9 | 50.9 | 50.9 | 50.9 | 52.7 | 52.7 | 54.5 | 54.5 | 58.2 | 60.0 | 61.8 |
| 82.5° | 32.7 | 32.7 | 34.5 | 34.5 | 34.5 | 36.3 | 36.3 | 38.2 | 40.0 | 41.8 | 43.6 |
| 85° | 18.2 | 18.2 | 18.2 | 20.0 | 20.0 | 21.8 | 21.8 | 23.6 | 25.4 | 27.3 | 29.1 |
| 87.5° | 5.5 | 7.3 | 9.1 | 9.1 | 10.9 | 10.9 | 12.7 | 12.7 | 16.4 | 18.2 | 20.0 |
| 90° | 1.8 | 1.8 | 3.6 | 3.6 | 3.6 | 5.5 | 5.5 | 7.3 | 7.3 | 9.1 | 10.9 |
| 92.5° | 30.9 | 72.7 | 150.8 | 225.4 | 194.5 | 181.7 | 109.0 | 32.7 | 29.1 | 30.9 | 30.9 |
| 95° | 63.6 | 120.0 | 219.9 | 356.2 | 461.6 | 527.1 | 570.7 | 654.3 | 739.7 | 725.2 | 541.6 |
| 97.5° | 92.7 | 154.5 | 265.3 | 390.7 | 536.1 | 610.7 | 667.0 | 767.0 | 876.0 | 966.9 | 1032.3 |
| 100° | 121.8 | 185.4 | 303.5 | 434.4 | 568.9 | 636.1 | 701.5 | 837.8 | 945.1 | 1035.9 | 1123.2 |
| 102.5° | 152.7 | 216.3 | 338.0 | 474.3 | 607.0 | 672.4 | 736.1 | 856.0 | 976.0 | 1085.0 | 1170.4 |
| 105° | 183.6 | 249.0 | 368.9 | 508.9 | 641.6 | 707.0 | 768.8 | 883.3 | 994.1 | 1095.9 | 1194.1 |
| 107.5° | 216.3 | 278.1 | 396.2 | 536.1 | 668.8 | 734.2 | 796.0 | 910.5 | 1017.8 | 1119.5 | 1208.6 |
| 110° | 245.4 | 305.3 | 423.5 | 561.6 | 694.3 | 759.7 | 821.5 | 936.0 | 1041.4 | 1137.7 | 1224.9 |



TEST NUMBER: P395799

CATALOG NUMBER: I3-UL-80L93050-1D-UNV-W2A-W-4 (4000K)

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 112.5° | 272.6 | 330.8 | 448.9 | 583.4 | 714.3 | 779.7 | 839.7 | 954.2 | 1059.6 | 1154.1 | 1241.3 |
| 115° | 303.5 | 354.4 | 474.3 | 603.4 | 732.4 | 796.0 | 856.0 | 968.7 | 1074.1 | 1166.8 | 1252.2 |
| 117.5° | 329.0 | 378.0 | 496.2 | 619.7 | 747.0 | 808.8 | 866.9 | 979.6 | 1083.2 | 1175.9 | 1259.5 |
| 120° | 354.4 | 399.8 | 516.2 | 634.3 | 757.9 | 817.8 | 876.0 | 986.9 | 1090.5 | 1181.3 | 1263.1 |
| 122.5° | 379.8 | 421.6 | 532.5 | 648.8 | 767.0 | 826.9 | 883.3 | 992.3 | 1094.1 | 1183.1 | 1263.1 |
| 125° | 403.5 | 439.8 | 547.0 | 659.7 | 772.4 | 830.6 | 885.1 | 992.3 | 1092.3 | 1179.5 | 1259.5 |
| 127.5° | 425.3 | 459.8 | 558.0 | 670.6 | 776.0 | 832.4 | 885.1 | 988.7 | 1088.6 | 1174.1 | 1252.2 |
| 130° | 447.1 | 478.0 | 568.9 | 676.1 | 779.7 | 830.6 | 881.5 | 981.4 | 1079.6 | 1165.0 | 1239.5 |
| 132.5° | 468.9 | 498.0 | 577.9 | 681.5 | 781.5 | 830.6 | 877.8 | 974.1 | 1068.6 | 1152.3 | 1223.1 |
| 135° | 488.9 | 512.5 | 587.0 | 685.2 | 779.7 | 826.9 | 870.5 | 961.4 | 1052.3 | 1134.1 | 1203.1 |
| 137.5° | 507.1 | 527.1 | 594.3 | 687.0 | 777.9 | 821.5 | 865.1 | 946.9 | 1032.3 | 1112.3 | 1179.5 |
| 140° | 523.4 | 541.6 | 597.9 | 687.0 | 770.6 | 814.2 | 854.2 | 932.3 | 1010.5 | 1086.8 | 1152.3 |
| 142.5° | 538.0 | 554.3 | 603.4 | 683.4 | 763.3 | 805.1 | 843.3 | 917.8 | 988.7 | 1061.4 | 1125.0 |
| 145° | 552.5 | 565.2 | 607.0 | 681.5 | 754.2 | 792.4 | 828.7 | 899.6 | 968.7 | 1034.1 | 1094.1 |
| 147.5° | 563.4 | 576.1 | 610.7 | 674.3 | 743.3 | 777.9 | 812.4 | 879.6 | 943.2 | 1005.0 | 1059.6 |
| 150° | 574.3 | 585.2 | 612.5 | 667.0 | 730.6 | 761.5 | 792.4 | 856.0 | 917.8 | 974.1 | 1025.0 |
| 152.5° | 585.2 | 592.5 | 617.9 | 659.7 | 716.1 | 745.1 | 776.0 | 832.4 | 888.7 | 941.4 | 990.5 |
| 155° | 592.5 | 597.9 | 619.7 | 652.5 | 701.5 | 727.0 | 752.4 | 805.1 | 856.0 | 905.1 | 950.5 |
| 157.5° | 599.8 | 605.2 | 621.6 | 647.0 | 685.2 | 708.8 | 730.6 | 776.0 | 823.3 | 866.9 | 908.7 |
| 160° | 605.2 | 608.8 | 621.6 | 643.4 | 670.6 | 687.0 | 707.0 | 748.8 | 788.8 | 826.9 | 863.3 |
| 162.5° | 610.7 | 612.5 | 621.6 | 637.9 | 657.9 | 668.8 | 683.4 | 716.1 | 752.4 | 785.1 | 817.8 |
| 165° | 614.3 | 616.1 | 621.6 | 634.3 | 647.0 | 656.1 | 663.4 | 687.0 | 714.3 | 743.3 | 770.6 |
| 167.5° | 617.9 | 617.9 | 621.6 | 630.6 | 637.9 | 643.4 | 648.8 | 661.5 | 679.7 | 701.5 | 721.5 |
| 170° | 619.7 | 619.7 | 621.6 | 627.0 | 632.5 | 634.3 | 637.9 | 645.2 | 654.3 | 665.2 | 677.9 |
| 172.5° | 619.7 | 619.7 | 619.7 | 623.4 | 625.2 | 625.2 | 625.2 | 628.8 | 634.3 | 641.6 | 647.0 |
| 175° | 619.7 | 617.9 | 617.9 | 619.7 | 617.9 | 617.9 | 617.9 | 617.9 | 619.7 | 623.4 | 625.2 |
| 177.5° | 619.7 | 617.9 | 616.1 | 616.1 | 614.3 | 614.3 | 612.5 | 612.5 | 612.5 | 612.5 | 612.5 |
| 180° | 608.8 | 608.8 | 608.8 | 608.8 | 608.8 | 608.8 | 608.8 | 608.8 | 608.8 | 608.8 | 608.8 |



TEST NUMBER: P395799

CATALOG NUMBER: I3-UL-80L93050-1D-UNV-W2A-W-4 (4000K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 401.7 | 401.7 | 401.7 | 401.7 | 401.7 | 401.7 | 401.7 | 401.7 | 401.7 | 401.7 |
| 2.5° | 403.5 | 403.5 | 401.7 | 399.8 | 399.8 | 399.8 | 398.0 | 396.2 | 394.4 | 394.4 |
| 5° | 403.5 | 403.5 | 401.7 | 401.7 | 401.7 | 401.7 | 399.8 | 399.8 | 398.0 | 398.0 |
| 7.5° | 405.3 | 403.5 | 403.5 | 403.5 | 403.5 | 403.5 | 403.5 | 403.5 | 401.7 | 401.7 |
| 10° | 405.3 | 405.3 | 405.3 | 405.3 | 405.3 | 405.3 | 405.3 | 405.3 | 405.3 | 405.3 |
| 12.5° | 407.1 | 407.1 | 407.1 | 407.1 | 408.9 | 408.9 | 408.9 | 408.9 | 408.9 | 408.9 |
| 15° | 407.1 | 408.9 | 410.7 | 410.7 | 410.7 | 412.6 | 412.6 | 412.6 | 412.6 | 412.6 |
| 17.5° | 408.9 | 410.7 | 412.6 | 412.6 | 414.4 | 414.4 | 416.2 | 416.2 | 416.2 | 416.2 |
| 20° | 408.9 | 410.7 | 412.6 | 414.4 | 416.2 | 416.2 | 418.0 | 419.8 | 419.8 | 418.0 |
| 22.5° | 407.1 | 410.7 | 412.6 | 414.4 | 416.2 | 418.0 | 419.8 | 421.6 | 421.6 | 421.6 |
| 25° | 405.3 | 408.9 | 412.6 | 416.2 | 416.2 | 418.0 | 421.6 | 421.6 | 421.6 | 421.6 |
| 27.5° | 403.5 | 407.1 | 410.7 | 414.4 | 416.2 | 418.0 | 419.8 | 421.6 | 421.6 | 421.6 |
| 30° | 399.8 | 405.3 | 408.9 | 412.6 | 414.4 | 416.2 | 418.0 | 419.8 | 419.8 | 419.8 |
| 32.5° | 394.4 | 399.8 | 403.5 | 408.9 | 410.7 | 412.6 | 414.4 | 416.2 | 416.2 | 416.2 |
| 35° | 388.9 | 394.4 | 398.0 | 403.5 | 405.3 | 407.1 | 410.7 | 410.7 | 412.6 | 412.6 |
| 37.5° | 379.8 | 387.1 | 390.7 | 396.2 | 398.0 | 399.8 | 403.5 | 405.3 | 405.3 | 405.3 |
| 40° | 370.8 | 378.0 | 381.7 | 387.1 | 388.9 | 390.7 | 394.4 | 396.2 | 398.0 | 398.0 |
| 42.5° | 359.9 | 367.1 | 370.8 | 376.2 | 378.0 | 379.8 | 383.5 | 385.3 | 387.1 | 387.1 |
| 45° | 348.9 | 354.4 | 358.0 | 363.5 | 367.1 | 367.1 | 370.8 | 372.6 | 374.4 | 374.4 |
| 47.5° | 334.4 | 339.9 | 343.5 | 348.9 | 352.6 | 354.4 | 356.2 | 358.0 | 359.9 | 359.9 |
| 50° | 318.1 | 323.5 | 329.0 | 332.6 | 336.2 | 336.2 | 339.9 | 341.7 | 343.5 | 343.5 |
| 52.5° | 301.7 | 305.3 | 310.8 | 316.2 | 318.1 | 319.9 | 321.7 | 323.5 | 325.3 | 325.3 |
| 55° | 283.5 | 287.2 | 292.6 | 296.2 | 298.1 | 299.9 | 301.7 | 303.5 | 305.3 | 305.3 |
| 57.5° | 263.5 | 267.2 | 272.6 | 276.2 | 278.1 | 279.9 | 281.7 | 283.5 | 285.3 | 285.3 |
| 60° | 241.7 | 245.4 | 250.8 | 254.4 | 256.3 | 256.3 | 259.9 | 261.7 | 261.7 | 261.7 |
| 62.5° | 219.9 | 223.5 | 227.2 | 230.8 | 232.6 | 234.4 | 236.3 | 238.1 | 238.1 | 238.1 |
| 65° | 198.1 | 201.7 | 205.4 | 207.2 | 209.0 | 209.0 | 210.8 | 212.6 | 214.5 | 214.5 |
| 67.5° | 174.5 | 178.1 | 181.7 | 183.6 | 185.4 | 185.4 | 187.2 | 189.0 | 189.0 | 189.0 |
| 70° | 150.8 | 152.7 | 156.3 | 158.1 | 159.9 | 159.9 | 163.6 | 163.6 | 163.6 | 163.6 |
| 72.5° | 127.2 | 129.0 | 132.7 | 134.5 | 136.3 | 136.3 | 138.1 | 139.9 | 139.9 | 139.9 |
| 75° | 105.4 | 107.2 | 109.0 | 112.7 | 112.7 | 112.7 | 114.5 | 116.3 | 116.3 | 116.3 |
| 77.5° | 83.6 | 85.4 | 87.2 | 89.1 | 90.9 | 90.9 | 92.7 | 94.5 | 94.5 | 94.5 |
| 80° | 63.6 | 65.4 | 67.2 | 69.1 | 69.1 | 70.9 | 70.9 | 72.7 | 72.7 | 72.7 |
| 82.5° | 45.4 | 47.3 | 49.1 | 50.9 | 52.7 | 52.7 | 54.5 | 56.3 | 56.3 | 54.5 |
| 85° | 30.9 | 34.5 | 36.3 | 38.2 | 38.2 | 38.2 | 40.0 | 41.8 | 41.8 | 40.0 |
| 87.5° | 21.8 | 21.8 | 23.6 | 25.4 | 25.4 | 27.3 | 27.3 | 29.1 | 29.1 | 29.1 |
| 90° | 12.7 | 12.7 | 14.5 | 14.5 | 16.4 | 16.4 | 16.4 | 18.2 | 18.2 | 18.2 |
| 92.5° | 30.9 | 30.9 | 32.7 | 32.7 | 32.7 | 32.7 | 34.5 | 34.5 | 34.5 | 34.5 |
| 95° | 330.8 | 149.0 | 125.4 | 76.3 | 72.7 | 63.6 | 61.8 | 63.6 | 63.6 | 61.8 |
| 97.5° | 1110.5 | 1188.6 | 1237.7 | 1261.3 | 1232.2 | 1201.3 | 1166.8 | 1161.3 | 1114.1 | 1008.7 |
| 100° | 1197.7 | 1259.5 | 1319.5 | 1361.3 | 1377.6 | 1392.2 | 1424.9 | 1444.9 | 1453.9 | 1463.0 |
| 102.5° | 1241.3 | 1306.7 | 1359.4 | 1412.1 | 1434.0 | 1453.9 | 1483.0 | 1506.6 | 1515.7 | 1523.0 |
| 105° | 1279.5 | 1346.7 | 1404.9 | 1452.1 | 1472.1 | 1490.3 | 1519.4 | 1541.2 | 1557.5 | 1559.4 |
| 107.5° | 1288.6 | 1359.4 | 1424.9 | 1483.0 | 1506.6 | 1526.6 | 1561.2 | 1577.5 | 1592.1 | 1592.1 |
| 110° | 1304.9 | 1372.2 | 1432.1 | 1484.8 | 1508.5 | 1532.1 | 1568.4 | 1593.9 | 1608.4 | 1612.1 |



TEST NUMBER: P395799

CATALOG NUMBER: I3-UL-80L93050-1D-UNV-W2A-W-4 (4000K)

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1317.6 | 1386.7 | 1443.0 | 1495.7 | 1515.7 | 1537.5 | 1572.1 | 1595.7 | 1608.4 | 1613.9 |
| 115° | 1328.5 | 1395.8 | 1452.1 | 1501.2 | 1523.0 | 1544.8 | 1579.3 | 1599.3 | 1613.9 | 1619.3 |
| 117.5° | 1335.8 | 1401.2 | 1457.6 | 1503.0 | 1526.6 | 1544.8 | 1577.5 | 1599.3 | 1613.9 | 1615.7 |
| 120° | 1337.6 | 1403.1 | 1457.6 | 1503.0 | 1523.0 | 1543.0 | 1575.7 | 1597.5 | 1612.1 | 1612.1 |
| 122.5° | 1337.6 | 1401.2 | 1455.8 | 1499.4 | 1517.6 | 1535.7 | 1566.6 | 1592.1 | 1604.8 | 1604.8 |
| 125° | 1330.4 | 1394.0 | 1446.7 | 1490.3 | 1508.5 | 1524.8 | 1557.5 | 1581.2 | 1593.9 | 1595.7 |
| 127.5° | 1319.5 | 1381.2 | 1434.0 | 1477.6 | 1495.7 | 1510.3 | 1544.8 | 1566.6 | 1579.3 | 1581.2 |
| 130° | 1304.9 | 1366.7 | 1417.6 | 1459.4 | 1477.6 | 1493.9 | 1523.0 | 1546.6 | 1561.2 | 1564.8 |
| 132.5° | 1288.6 | 1346.7 | 1397.6 | 1437.6 | 1455.8 | 1470.3 | 1499.4 | 1523.0 | 1535.7 | 1541.2 |
| 135° | 1268.6 | 1323.1 | 1372.2 | 1412.1 | 1430.3 | 1444.9 | 1472.1 | 1495.7 | 1508.5 | 1513.9 |
| 137.5° | 1243.1 | 1295.8 | 1343.1 | 1383.1 | 1399.4 | 1414.0 | 1441.2 | 1463.0 | 1473.9 | 1481.2 |
| 140° | 1214.0 | 1263.1 | 1312.2 | 1348.5 | 1364.9 | 1379.4 | 1403.1 | 1426.7 | 1437.6 | 1443.0 |
| 142.5° | 1183.1 | 1232.2 | 1275.8 | 1312.2 | 1326.7 | 1341.3 | 1364.9 | 1386.7 | 1397.6 | 1399.4 |
| 145° | 1150.4 | 1197.7 | 1237.7 | 1272.2 | 1284.9 | 1299.5 | 1321.3 | 1343.1 | 1354.0 | 1355.8 |
| 147.5° | 1114.1 | 1157.7 | 1195.9 | 1228.6 | 1243.1 | 1254.0 | 1274.0 | 1294.0 | 1304.9 | 1306.7 |
| 150° | 1072.3 | 1112.3 | 1146.8 | 1179.5 | 1192.2 | 1203.1 | 1224.9 | 1243.1 | 1254.0 | 1255.8 |
| 152.5° | 1032.3 | 1070.5 | 1099.5 | 1128.6 | 1141.3 | 1152.3 | 1170.4 | 1188.6 | 1199.5 | 1201.3 |
| 155° | 990.5 | 1025.0 | 1054.1 | 1077.7 | 1088.6 | 1099.5 | 1114.1 | 1130.4 | 1139.5 | 1141.3 |
| 157.5° | 946.9 | 979.6 | 1005.0 | 1026.8 | 1037.8 | 1046.8 | 1059.6 | 1074.1 | 1079.6 | 1083.2 |
| 160° | 899.6 | 926.9 | 948.7 | 970.5 | 979.6 | 988.7 | 1001.4 | 1012.3 | 1019.6 | 1021.4 |
| 162.5° | 848.7 | 872.4 | 890.5 | 910.5 | 916.0 | 923.3 | 936.0 | 946.9 | 952.3 | 954.2 |
| 165° | 796.0 | 817.8 | 834.2 | 850.6 | 854.2 | 859.6 | 868.7 | 879.6 | 883.3 | 886.9 |
| 167.5° | 743.3 | 761.5 | 772.4 | 786.9 | 792.4 | 796.0 | 805.1 | 812.4 | 816.0 | 817.8 |
| 170° | 692.4 | 705.2 | 714.3 | 725.2 | 727.0 | 732.4 | 737.9 | 745.1 | 747.0 | 747.0 |
| 172.5° | 652.5 | 657.9 | 663.4 | 667.0 | 668.8 | 670.6 | 674.3 | 676.1 | 676.1 | 676.1 |
| 175° | 627.0 | 630.6 | 630.6 | 632.5 | 632.5 | 632.5 | 632.5 | 632.5 | 632.5 | 632.5 |
| 177.5° | 612.5 | 612.5 | 612.5 | 610.7 | 610.7 | 610.7 | 610.7 | 608.8 | 608.8 | 608.8 |
| 180° | 608.8 | 608.8 | 608.8 | 608.8 | 608.8 | 608.8 | 608.8 | 608.8 | 608.8 | 608.8 |

(END OF REPORT)