

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: P395041

Luminaire Tested: **I3-FL-30L940-1D-UNV-STD-W-4**

Issue Date: 3/30/2020

Test Information

Test Method: LM-79-08
Report Number: P395041
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2001-656-4)
Test Lab: INNOVATION CENTER
Issue Date: 3/30/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: I3-FL-30L940-1D-UNV-STD-W-4
Description: CORELITE I3, FROSTED TOP COVER
3000 LUMENS
Light Source: 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

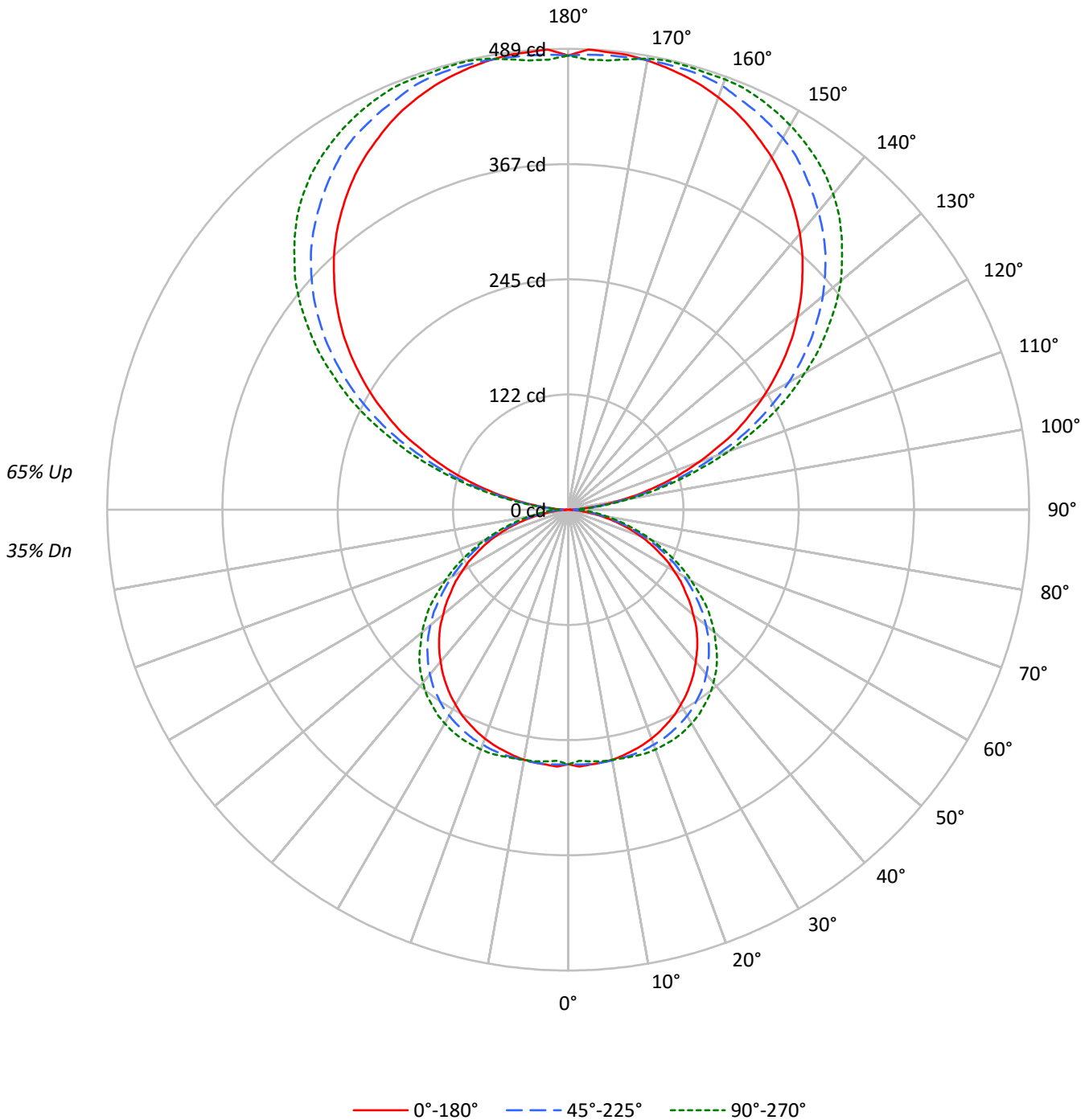
Lumens per Lamp: N/A
Luminaire Lumens: 2482.2 lumens
Efficiency: N/A
Efficacy: 126.0 lumens/watt
Spacing Criteria (0/90/45): 1.31 / 1.43 / 1.49
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 3.92' x H: 0.17')
CIE Type: Semi-Indirect

Input Watts (W): 19.7
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: P395041
CATALOG NUMBER: I3-FL-30L940-1D-UNV-STD-W-4

Luminous Intensity Polar Plot





TEST NUMBER: P395041

CATALOG NUMBER: I3-FL-30L940-1D-UNV-STD-W-4

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 | 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° | 1485 | 1485 | 1485 |
| 5° | 1492 | 1460 | 1437 |
| 10° | 1492 | 1440 | 1420 |
| 15° | 1489 | 1427 | 1414 |
| 20° | 1489 | 1415 | 1412 |
| 25° | 1485 | 1403 | 1407 |
| 30° | 1480 | 1389 | 1394 |
| 35° | 1473 | 1367 | 1373 |
| 40° | 1458 | 1338 | 1343 |
| 45° | 1443 | 1297 | 1302 |
| 50° | 1410 | 1240 | 1239 |
| 55° | 1370 | 1161 | 1164 |
| 60° | 1324 | 1070 | 1052 |
| 65° | 1259 | 959 | 934 |
| 70° | 1168 | 817 | 789 |
| 75° | 1017 | 649 | 627 |
| 80° | 796 | 462 | 459 |
| 85° | 433 | 266 | 302 |



TEST NUMBER: P395041

CATALOG NUMBER: I3-FL-30L940-1D-UNV-STD-W-4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 25.7 | 1.0 |
| 10°-20° | 75.7 | 3.1 |
| 20°-30° | 119.4 | 4.8 |
| 30°-40° | 150.1 | 6.0 |
| 40°-50° | 161.4 | 6.5 |
| 50°-60° | 148.5 | 6.0 |
| 60°-70° | 113.8 | 4.6 |
| 70°-80° | 64.8 | 2.6 |
| 80°-90° | 20.2 | 0.8 |
| 90°-100° | 27.1 | 1.1 |
| 100°-110° | 117.7 | 4.7 |
| 110°-120° | 215.4 | 8.7 |
| 120°-130° | 277.6 | 11.2 |
| 130°-140° | 295.4 | 11.9 |
| 140°-150° | 271.8 | 10.9 |
| 150°-160° | 215.3 | 8.7 |
| 160°-170° | 136.3 | 5.5 |
| 170°-180° | 46.2 | 1.9 |
| 0°-30° | 220.9 | 8.9 |
| 0°-40° | 371.0 | 14.9 |
| 0°-60° | 680.9 | 27.4 |
| 0°-90° | 879.6 | 35.4 |
| 90°-120° | 360.1 | 14.5 |
| 90°-150° | 1204.8 | 48.5 |
| 90°-180° | 1603.0 | 64.6 |
| 0°-180° | 2482.2 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|-----|-------|-----|------|
| 0° | 270 | 270 | 270 | 270 | 270 | |
| 5° | 271 | 269 | 271 | 269 | 268 | 26 |
| 15° | 265 | 263 | 269 | 271 | 271 | 75 |
| 25° | 250 | 250 | 260 | 266 | 268 | 115 |
| 35° | 226 | 229 | 242 | 250 | 252 | 141 |
| 45° | 194 | 198 | 211 | 220 | 223 | 149 |
| 55° | 152 | 158 | 167 | 176 | 179 | 136 |
| 65° | 106 | 109 | 116 | 121 | 123 | 105 |
| 75° | 56 | 57 | 61 | 64 | 66 | 59 |
| 85° | 10 | 13 | 17 | 22 | 23 | 13 |
| 90° | 1 | 2 | 6 | 9 | 10 | 1 |
| 95° | 18 | 18 | 20 | 22 | 23 | 23 |
| 105° | 100 | 104 | 112 | 119 | 121 | 106 |
| 115° | 196 | 204 | 221 | 232 | 238 | 192 |
| 125° | 280 | 292 | 314 | 330 | 336 | 250 |
| 135° | 351 | 363 | 386 | 402 | 410 | 271 |
| 145° | 409 | 418 | 437 | 449 | 457 | 256 |
| 155° | 451 | 456 | 468 | 477 | 481 | 208 |
| 165° | 477 | 477 | 483 | 487 | 487 | 135 |
| 175° | 487 | 484 | 484 | 482 | 479 | 46 |
| 180° | 482 | 482 | 482 | 482 | 482 | |



TEST NUMBER: P395041

CATALOG NUMBER: I3-FL-30L940-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 270.1 | 270.1 | 270.1 | 270.1 | 270.1 | 270.1 | 270.1 | 270.1 | 270.1 | 270.1 | 270.1 |
| 2.5° | 272.8 | 272.1 | 271.4 | 270.1 | 270.1 | 269.4 | 269.4 | 269.4 | 269.4 | 270.1 | 270.7 |
| 5° | 271.4 | 271.4 | 270.7 | 269.4 | 269.4 | 268.7 | 268.7 | 269.4 | 268.7 | 269.4 | 270.7 |
| 7.5° | 270.7 | 270.7 | 270.1 | 268.7 | 268.7 | 268.7 | 268.7 | 268.7 | 268.7 | 269.4 | 270.7 |
| 10° | 269.4 | 269.4 | 268.1 | 267.4 | 267.4 | 267.4 | 267.4 | 268.1 | 268.1 | 268.7 | 270.1 |
| 12.5° | 267.4 | 266.7 | 266.0 | 265.3 | 265.3 | 265.3 | 266.0 | 266.7 | 266.7 | 268.1 | 269.4 |
| 15° | 264.6 | 264.6 | 264.0 | 263.3 | 263.3 | 263.3 | 264.0 | 264.6 | 265.3 | 266.7 | 268.7 |
| 17.5° | 262.0 | 262.0 | 261.3 | 261.3 | 261.3 | 261.3 | 262.0 | 262.6 | 264.0 | 265.3 | 267.4 |
| 20° | 258.5 | 258.5 | 257.9 | 257.9 | 257.9 | 258.5 | 258.5 | 260.0 | 261.3 | 263.3 | 265.3 |
| 22.5° | 254.5 | 254.5 | 254.5 | 253.9 | 254.5 | 255.2 | 255.9 | 257.2 | 258.5 | 260.6 | 263.3 |
| 25° | 249.8 | 249.8 | 249.8 | 249.8 | 250.4 | 250.4 | 251.8 | 253.2 | 254.5 | 257.2 | 260.0 |
| 27.5° | 245.0 | 245.0 | 245.0 | 244.3 | 245.7 | 246.4 | 247.1 | 249.1 | 250.4 | 253.9 | 256.5 |
| 30° | 238.9 | 238.9 | 238.9 | 239.6 | 240.3 | 241.0 | 242.3 | 244.3 | 245.7 | 249.1 | 252.4 |
| 32.5° | 232.8 | 232.8 | 232.8 | 232.8 | 234.9 | 235.6 | 236.2 | 238.2 | 241.0 | 244.3 | 247.8 |
| 35° | 226.0 | 226.0 | 226.0 | 226.8 | 228.1 | 228.8 | 230.1 | 232.1 | 234.9 | 238.2 | 241.7 |
| 37.5° | 218.6 | 219.3 | 219.3 | 220.0 | 221.4 | 222.7 | 224.0 | 226.0 | 228.8 | 232.1 | 235.6 |
| 40° | 210.5 | 211.2 | 211.2 | 211.8 | 213.2 | 214.6 | 215.9 | 218.6 | 221.4 | 224.7 | 228.1 |
| 42.5° | 202.4 | 203.1 | 203.1 | 204.4 | 205.7 | 207.2 | 208.5 | 211.2 | 213.9 | 217.3 | 220.0 |
| 45° | 193.6 | 194.3 | 194.3 | 195.6 | 197.6 | 198.3 | 200.4 | 203.1 | 205.7 | 208.5 | 211.2 |
| 47.5° | 184.1 | 184.8 | 184.8 | 186.1 | 188.2 | 189.5 | 190.9 | 193.6 | 195.6 | 199.0 | 201.7 |
| 50° | 173.2 | 174.0 | 174.7 | 176.0 | 178.7 | 180.0 | 181.4 | 183.4 | 186.1 | 188.2 | 190.9 |
| 52.5° | 163.1 | 163.1 | 163.8 | 165.1 | 167.2 | 168.6 | 169.2 | 171.2 | 174.7 | 177.3 | 180.0 |
| 55° | 151.6 | 152.3 | 152.9 | 154.3 | 156.4 | 157.7 | 158.4 | 160.4 | 162.5 | 164.5 | 167.2 |
| 57.5° | 141.5 | 141.5 | 142.2 | 143.5 | 145.5 | 146.2 | 146.8 | 148.3 | 150.9 | 152.9 | 155.0 |
| 60° | 129.3 | 130.0 | 130.7 | 132.0 | 133.3 | 134.7 | 134.7 | 136.8 | 138.8 | 140.8 | 142.2 |
| 62.5° | 118.5 | 118.5 | 119.1 | 120.5 | 121.1 | 122.6 | 122.6 | 124.6 | 125.9 | 127.9 | 129.3 |
| 65° | 105.6 | 106.3 | 106.9 | 107.6 | 109.0 | 109.0 | 109.7 | 111.0 | 112.4 | 113.7 | 115.8 |
| 67.5° | 94.1 | 94.1 | 94.7 | 95.5 | 96.2 | 96.2 | 96.8 | 98.2 | 99.5 | 100.8 | 102.3 |
| 70° | 81.2 | 81.9 | 81.9 | 81.9 | 82.6 | 83.3 | 84.0 | 84.6 | 86.0 | 86.6 | 88.0 |
| 72.5° | 68.3 | 68.3 | 69.1 | 69.1 | 69.8 | 70.4 | 71.1 | 71.8 | 72.4 | 73.8 | 74.4 |
| 75° | 55.5 | 55.5 | 56.2 | 56.2 | 56.9 | 56.9 | 56.9 | 58.2 | 58.9 | 60.2 | 60.9 |
| 77.5° | 42.6 | 43.4 | 43.4 | 43.4 | 44.0 | 44.7 | 44.7 | 45.4 | 46.7 | 47.4 | 48.0 |
| 80° | 31.2 | 31.2 | 31.2 | 31.2 | 31.8 | 32.5 | 33.2 | 33.2 | 34.5 | 35.8 | 36.6 |
| 82.5° | 19.6 | 19.6 | 20.3 | 21.0 | 21.0 | 21.6 | 22.3 | 23.0 | 24.4 | 25.1 | 25.7 |
| 85° | 10.2 | 10.2 | 10.9 | 11.5 | 12.2 | 12.9 | 12.9 | 13.5 | 14.9 | 16.2 | 17.0 |
| 87.5° | 3.4 | 4.1 | 4.1 | 4.8 | 5.4 | 6.1 | 6.8 | 7.4 | 8.8 | 10.2 | 10.9 |
| 90° | 0.7 | 0.7 | 0.7 | 1.3 | 2.0 | 2.0 | 2.7 | 3.4 | 4.1 | 4.8 | 6.1 |
| 92.5° | 6.1 | 6.1 | 5.4 | 6.1 | 6.1 | 6.1 | 6.1 | 6.8 | 7.4 | 7.4 | 8.8 |
| 95° | 18.3 | 17.6 | 17.6 | 17.6 | 17.6 | 17.6 | 17.6 | 18.3 | 19.0 | 19.0 | 19.6 |
| 97.5° | 35.2 | 35.2 | 34.5 | 34.5 | 35.2 | 35.2 | 35.2 | 35.8 | 37.3 | 36.6 | 37.9 |
| 100° | 54.8 | 54.8 | 54.1 | 54.8 | 55.5 | 56.2 | 57.6 | 57.6 | 58.9 | 58.9 | 60.9 |
| 102.5° | 77.2 | 77.2 | 76.5 | 77.9 | 78.5 | 79.9 | 79.9 | 81.2 | 83.3 | 83.3 | 86.0 |
| 105° | 99.5 | 100.2 | 100.2 | 101.5 | 102.9 | 104.3 | 104.3 | 106.3 | 109.0 | 109.0 | 112.4 |
| 107.5° | 123.9 | 124.6 | 124.6 | 125.9 | 127.2 | 128.7 | 129.3 | 132.0 | 134.7 | 135.4 | 139.4 |
| 110° | 147.5 | 148.3 | 148.9 | 150.3 | 151.6 | 153.6 | 155.0 | 157.7 | 161.1 | 162.5 | 165.8 |



TEST NUMBER: P395041

CATALOG NUMBER: I3-FL-30L940-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 169.9 | 172.6 | 173.2 | 175.3 | 177.3 | 179.3 | 180.8 | 184.1 | 188.2 | 190.2 | 194.3 |
| 115° | 195.6 | 197.0 | 197.6 | 199.6 | 202.4 | 204.4 | 205.7 | 209.2 | 213.2 | 215.9 | 220.7 |
| 117.5° | 216.6 | 220.0 | 220.7 | 222.7 | 225.4 | 227.5 | 228.8 | 232.8 | 237.6 | 241.0 | 245.7 |
| 120° | 238.9 | 241.7 | 244.3 | 245.7 | 247.8 | 250.4 | 251.8 | 255.9 | 261.3 | 264.6 | 270.1 |
| 122.5° | 259.2 | 262.0 | 264.6 | 266.7 | 269.4 | 270.7 | 272.8 | 277.5 | 282.9 | 287.0 | 292.4 |
| 125° | 279.6 | 282.9 | 284.9 | 287.0 | 290.4 | 291.7 | 293.8 | 298.5 | 303.9 | 308.7 | 314.1 |
| 127.5° | 299.2 | 301.2 | 304.6 | 306.0 | 309.3 | 310.7 | 312.8 | 318.1 | 323.5 | 328.3 | 333.7 |
| 130° | 317.4 | 320.2 | 322.9 | 323.5 | 327.6 | 329.6 | 331.7 | 336.4 | 342.5 | 347.3 | 352.7 |
| 132.5° | 335.1 | 336.4 | 339.8 | 341.8 | 345.3 | 347.3 | 349.3 | 353.4 | 359.5 | 364.1 | 369.6 |
| 135° | 351.3 | 352.7 | 356.7 | 358.8 | 360.8 | 362.8 | 365.6 | 369.6 | 375.7 | 380.4 | 385.9 |
| 137.5° | 367.6 | 368.9 | 373.0 | 375.0 | 376.3 | 378.4 | 380.4 | 384.5 | 390.6 | 395.3 | 400.1 |
| 140° | 382.4 | 383.8 | 386.5 | 389.2 | 390.6 | 392.0 | 394.0 | 398.1 | 403.4 | 408.2 | 412.9 |
| 142.5° | 396.0 | 397.4 | 400.1 | 402.7 | 404.8 | 404.8 | 406.8 | 410.2 | 416.3 | 421.0 | 425.1 |
| 145° | 408.8 | 409.5 | 412.3 | 414.9 | 417.7 | 417.7 | 418.4 | 421.7 | 427.1 | 432.6 | 436.6 |
| 147.5° | 421.0 | 421.7 | 423.8 | 426.5 | 428.5 | 429.1 | 430.6 | 431.9 | 437.3 | 442.6 | 447.4 |
| 150° | 431.9 | 432.6 | 433.9 | 436.6 | 438.0 | 439.3 | 440.6 | 441.3 | 445.4 | 450.2 | 455.5 |
| 152.5° | 441.3 | 442.0 | 443.4 | 445.4 | 446.7 | 448.1 | 449.4 | 451.5 | 453.5 | 458.3 | 461.6 |
| 155° | 450.8 | 451.5 | 452.2 | 454.2 | 455.5 | 456.2 | 456.9 | 459.6 | 461.6 | 464.4 | 467.7 |
| 157.5° | 458.9 | 458.9 | 459.6 | 460.9 | 462.3 | 462.3 | 463.0 | 465.7 | 467.7 | 470.5 | 472.5 |
| 160° | 465.7 | 465.7 | 466.4 | 467.7 | 467.7 | 468.4 | 469.0 | 471.1 | 472.5 | 475.8 | 478.6 |
| 162.5° | 471.8 | 471.1 | 471.8 | 472.5 | 472.5 | 472.5 | 473.1 | 474.5 | 476.6 | 479.2 | 481.9 |
| 165° | 476.6 | 476.6 | 476.6 | 477.2 | 477.2 | 476.6 | 476.6 | 477.9 | 479.2 | 481.2 | 483.3 |
| 167.5° | 480.6 | 480.6 | 479.9 | 480.6 | 479.9 | 479.9 | 479.2 | 479.9 | 480.6 | 482.6 | 484.0 |
| 170° | 484.0 | 483.3 | 483.3 | 483.3 | 482.6 | 481.9 | 481.9 | 481.9 | 481.9 | 483.3 | 484.7 |
| 172.5° | 486.7 | 486.0 | 485.3 | 485.3 | 484.0 | 483.3 | 483.3 | 482.6 | 482.6 | 483.3 | 484.0 |
| 175° | 487.3 | 486.7 | 486.0 | 486.0 | 484.7 | 484.0 | 483.3 | 483.3 | 482.6 | 483.3 | 484.0 |
| 177.5° | 488.7 | 488.0 | 486.7 | 486.7 | 485.3 | 484.0 | 484.0 | 483.3 | 482.6 | 483.3 | 483.3 |
| 180° | 481.9 | 481.9 | 481.9 | 481.9 | 481.9 | 481.9 | 481.9 | 481.9 | 481.9 | 481.9 | 481.9 |



TEST NUMBER: P395041

CATALOG NUMBER: I3-FL-30L940-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 270.1 | 270.1 | 270.1 | 270.1 | 270.1 | 270.1 | 270.1 | 270.1 | 270.1 | 270.1 |
| 2.5° | 271.4 | 271.4 | 270.7 | 270.1 | 270.1 | 269.4 | 268.7 | 268.1 | 267.4 | 266.7 |
| 5° | 271.4 | 270.7 | 270.1 | 270.1 | 269.4 | 269.4 | 269.4 | 268.7 | 268.1 | 268.1 |
| 7.5° | 271.4 | 271.4 | 270.7 | 270.1 | 270.1 | 270.1 | 270.1 | 270.1 | 269.4 | 269.4 |
| 10° | 271.4 | 270.7 | 270.7 | 270.7 | 270.1 | 270.7 | 270.7 | 270.1 | 270.1 | 269.4 |
| 12.5° | 270.7 | 270.7 | 270.7 | 270.7 | 270.7 | 270.7 | 270.7 | 270.7 | 270.7 | 270.1 |
| 15° | 269.4 | 270.1 | 270.1 | 270.7 | 270.7 | 270.7 | 271.4 | 271.4 | 270.7 | 270.7 |
| 17.5° | 268.7 | 269.4 | 270.1 | 270.7 | 270.7 | 270.7 | 271.4 | 271.4 | 271.4 | 271.4 |
| 20° | 267.4 | 268.1 | 268.7 | 269.4 | 269.4 | 270.1 | 270.1 | 270.7 | 270.7 | 270.7 |
| 22.5° | 264.6 | 265.3 | 266.7 | 267.4 | 268.1 | 268.7 | 269.4 | 269.4 | 269.4 | 269.4 |
| 25° | 262.0 | 263.3 | 264.0 | 265.3 | 266.0 | 266.7 | 267.4 | 267.4 | 267.4 | 268.1 |
| 27.5° | 258.5 | 260.0 | 262.0 | 262.6 | 263.3 | 264.0 | 264.6 | 265.3 | 265.3 | 265.3 |
| 30° | 254.5 | 256.5 | 257.9 | 259.2 | 260.0 | 260.6 | 261.3 | 261.3 | 262.0 | 262.0 |
| 32.5° | 249.8 | 251.8 | 253.2 | 254.5 | 255.2 | 255.9 | 257.2 | 257.2 | 257.9 | 257.9 |
| 35° | 243.7 | 245.7 | 247.8 | 249.1 | 249.8 | 250.4 | 251.8 | 252.4 | 252.4 | 252.4 |
| 37.5° | 237.6 | 239.6 | 241.7 | 243.7 | 244.3 | 245.0 | 246.4 | 246.4 | 247.1 | 247.1 |
| 40° | 230.1 | 232.1 | 234.2 | 236.2 | 236.2 | 237.6 | 238.2 | 238.9 | 239.6 | 239.6 |
| 42.5° | 222.7 | 224.7 | 226.0 | 228.1 | 228.8 | 229.5 | 230.1 | 231.5 | 231.5 | 232.1 |
| 45° | 213.9 | 215.9 | 217.3 | 219.3 | 220.0 | 220.7 | 222.0 | 222.7 | 223.4 | 223.4 |
| 47.5° | 204.4 | 205.7 | 207.2 | 209.2 | 210.5 | 211.2 | 211.8 | 212.5 | 213.2 | 212.5 |
| 50° | 193.6 | 195.0 | 197.0 | 199.0 | 199.6 | 200.4 | 201.7 | 201.7 | 202.4 | 202.4 |
| 52.5° | 182.1 | 184.1 | 185.4 | 187.5 | 188.2 | 188.9 | 190.2 | 190.2 | 190.9 | 190.9 |
| 55° | 169.2 | 170.6 | 171.9 | 175.3 | 176.0 | 176.7 | 178.0 | 178.0 | 178.7 | 179.3 |
| 57.5° | 157.0 | 157.7 | 159.7 | 161.1 | 162.5 | 162.5 | 163.1 | 163.8 | 164.5 | 164.5 |
| 60° | 144.2 | 144.9 | 146.2 | 148.3 | 148.3 | 148.9 | 150.3 | 150.3 | 150.9 | 150.9 |
| 62.5° | 130.7 | 132.0 | 133.3 | 135.4 | 134.7 | 135.4 | 136.8 | 136.8 | 137.4 | 137.4 |
| 65° | 117.1 | 117.8 | 119.1 | 120.5 | 121.1 | 121.1 | 121.9 | 122.6 | 123.2 | 123.2 |
| 67.5° | 102.9 | 104.3 | 104.9 | 106.9 | 106.3 | 106.9 | 107.6 | 107.6 | 108.3 | 108.3 |
| 70° | 89.4 | 90.1 | 91.4 | 92.1 | 92.1 | 92.7 | 93.4 | 93.4 | 93.4 | 94.1 |
| 72.5° | 75.8 | 76.5 | 77.2 | 77.9 | 77.9 | 78.5 | 79.2 | 79.2 | 79.9 | 79.9 |
| 75° | 61.6 | 63.0 | 63.7 | 65.0 | 64.3 | 65.0 | 66.3 | 66.3 | 66.3 | 66.3 |
| 77.5° | 49.4 | 50.1 | 51.5 | 52.1 | 52.1 | 52.1 | 53.5 | 52.8 | 53.5 | 53.5 |
| 80° | 37.3 | 37.9 | 39.3 | 39.9 | 39.9 | 40.6 | 41.3 | 41.3 | 41.3 | 41.9 |
| 82.5° | 26.4 | 27.7 | 29.1 | 29.8 | 29.8 | 30.5 | 31.2 | 31.2 | 31.8 | 31.8 |
| 85° | 18.3 | 19.6 | 21.0 | 21.0 | 21.6 | 22.3 | 23.0 | 23.0 | 23.0 | 23.0 |
| 87.5° | 12.2 | 12.9 | 13.5 | 14.2 | 14.9 | 14.9 | 15.5 | 15.5 | 16.2 | 16.2 |
| 90° | 6.8 | 7.4 | 8.1 | 8.8 | 8.8 | 9.4 | 9.4 | 10.2 | 10.2 | 10.2 |
| 92.5° | 9.4 | 9.4 | 10.2 | 10.9 | 10.9 | 10.9 | 10.9 | 11.5 | 11.5 | 11.5 |
| 95° | 20.3 | 21.0 | 21.0 | 22.3 | 22.3 | 22.3 | 23.0 | 23.0 | 23.0 | 23.0 |
| 97.5° | 39.3 | 39.3 | 39.3 | 40.6 | 40.6 | 40.6 | 41.3 | 41.3 | 41.3 | 41.9 |
| 100° | 61.6 | 62.3 | 62.3 | 64.3 | 63.7 | 65.0 | 65.0 | 65.0 | 65.0 | 65.7 |
| 102.5° | 86.6 | 88.0 | 88.7 | 90.7 | 90.7 | 90.7 | 92.1 | 91.4 | 92.1 | 92.1 |
| 105° | 113.7 | 115.1 | 115.8 | 117.8 | 119.1 | 119.1 | 120.5 | 119.8 | 120.5 | 121.1 |
| 107.5° | 140.8 | 142.9 | 144.2 | 146.2 | 147.5 | 148.3 | 148.3 | 148.9 | 149.6 | 150.3 |
| 110° | 168.6 | 170.6 | 174.0 | 176.0 | 176.7 | 178.0 | 178.7 | 179.3 | 180.0 | 181.4 |



TEST NUMBER: P395041

CATALOG NUMBER: I3-FL-30L940-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 197.6 | 199.6 | 202.4 | 205.1 | 204.4 | 206.4 | 207.8 | 208.5 | 209.2 | 208.5 |
| 115° | 224.0 | 226.8 | 229.5 | 232.1 | 232.1 | 233.6 | 236.2 | 236.9 | 236.9 | 238.2 |
| 117.5° | 249.1 | 252.4 | 255.2 | 257.9 | 258.5 | 260.0 | 262.0 | 264.0 | 264.0 | 265.3 |
| 120° | 273.5 | 277.5 | 280.3 | 282.9 | 284.3 | 284.9 | 287.0 | 289.7 | 289.7 | 289.7 |
| 122.5° | 296.5 | 299.9 | 303.2 | 306.0 | 307.3 | 308.7 | 310.0 | 313.4 | 313.4 | 314.8 |
| 125° | 318.1 | 322.2 | 325.6 | 328.3 | 329.6 | 331.0 | 333.7 | 335.7 | 336.4 | 336.4 |
| 127.5° | 338.5 | 342.5 | 345.9 | 349.3 | 349.9 | 351.3 | 354.0 | 356.7 | 357.4 | 358.1 |
| 130° | 357.4 | 361.5 | 364.9 | 368.2 | 369.6 | 370.2 | 373.7 | 375.7 | 377.0 | 377.7 |
| 132.5° | 374.3 | 378.4 | 381.8 | 385.2 | 386.5 | 387.9 | 389.9 | 393.3 | 394.0 | 394.0 |
| 135° | 389.9 | 394.0 | 397.4 | 401.4 | 402.1 | 403.4 | 406.2 | 408.2 | 409.5 | 410.2 |
| 137.5° | 404.1 | 408.2 | 412.3 | 415.6 | 417.0 | 417.7 | 420.4 | 423.0 | 424.5 | 425.1 |
| 140° | 417.0 | 421.0 | 425.1 | 427.8 | 428.5 | 430.6 | 432.6 | 435.2 | 436.6 | 437.3 |
| 142.5° | 429.1 | 432.6 | 435.9 | 439.3 | 440.0 | 441.3 | 443.4 | 446.1 | 447.4 | 448.1 |
| 145° | 440.0 | 443.4 | 446.1 | 448.7 | 449.4 | 450.8 | 452.8 | 454.8 | 456.2 | 456.9 |
| 147.5° | 450.2 | 452.8 | 455.5 | 457.6 | 458.3 | 459.6 | 460.9 | 462.3 | 463.7 | 464.4 |
| 150° | 458.9 | 460.3 | 463.0 | 464.4 | 465.0 | 466.4 | 467.7 | 469.0 | 470.5 | 471.1 |
| 152.5° | 465.7 | 467.7 | 469.0 | 471.1 | 471.8 | 472.5 | 473.8 | 475.1 | 476.6 | 476.6 |
| 155° | 471.1 | 473.1 | 474.5 | 476.6 | 477.2 | 477.9 | 479.2 | 479.9 | 481.2 | 481.2 |
| 157.5° | 475.1 | 477.2 | 478.6 | 479.9 | 480.6 | 481.2 | 481.9 | 483.3 | 484.7 | 484.7 |
| 160° | 479.9 | 480.6 | 481.2 | 482.6 | 482.6 | 483.3 | 484.0 | 484.7 | 486.0 | 486.0 |
| 162.5° | 484.0 | 484.7 | 483.3 | 484.0 | 483.3 | 484.0 | 484.7 | 485.3 | 486.0 | 486.0 |
| 165° | 485.3 | 486.7 | 486.0 | 486.7 | 486.7 | 486.7 | 486.7 | 487.3 | 487.3 | 487.3 |
| 167.5° | 485.3 | 486.7 | 486.0 | 486.0 | 486.7 | 486.7 | 487.3 | 488.0 | 488.0 | 488.0 |
| 170° | 485.3 | 486.0 | 485.3 | 484.7 | 485.3 | 485.3 | 485.3 | 486.0 | 486.0 | 486.0 |
| 172.5° | 484.7 | 485.3 | 484.0 | 483.3 | 483.3 | 483.3 | 482.6 | 482.6 | 481.9 | 481.9 |
| 175° | 484.0 | 484.0 | 482.6 | 481.9 | 481.9 | 481.9 | 480.6 | 479.9 | 479.2 | 478.6 |
| 177.5° | 483.3 | 483.3 | 481.2 | 480.6 | 480.6 | 479.9 | 479.9 | 478.6 | 478.6 | 477.9 |
| 180° | 481.9 | 481.9 | 481.9 | 481.9 | 481.9 | 481.9 | 481.9 | 481.9 | 481.9 | 481.9 |

(END OF REPORT)