

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: NEO-RAY

Report Number: P332753-927

Luminaire Tested: **S124DIW-S575D770U927-4F0-1E-UDD-D**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332753-927
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-6,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S124DIW-S575D770U927-4F0-1E-UDD-D
Description: DEFINE 4 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 575 LUMENS PER FOOT, DROP SATIN WHITE DIFFUSER
UPLIGHT 770 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4310.7 lumens
Efficiency: N/A
Efficacy: 114.6 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.28 / 1.39
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.08')
CIE Type: General Diffuse

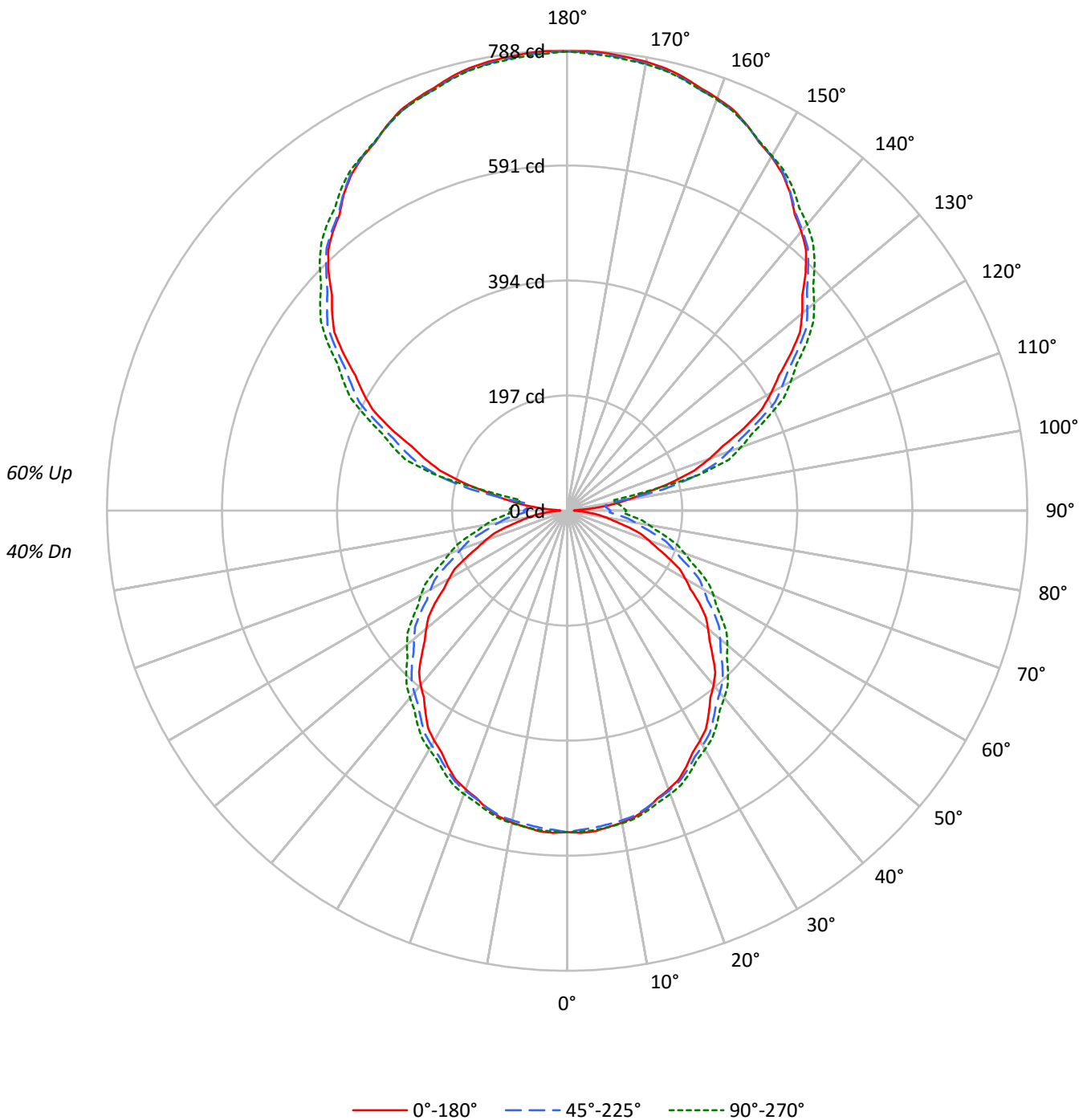
Input Watts (W): 37.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332753-927

CATALOG NUMBER: S124DIW-S575D770U927-4F0-1E-UDD-D

Luminous Intensity Polar Plot





TEST NUMBER: P332753-927

CATALOG NUMBER: S124DIW-S575D770U927-4F0-1E-UDD-D

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 | 105 | 105 | 105 | 105 | 95 | 95 | 95 | 95 | 78 | 78 | 78 | 62 | 62 | 62 | 47 | 47 | 47 | 40 |
| 1 | 95 | 90 | 86 | 82 | 86 | 82 | 79 | 75 | 67 | 65 | 62 | 53 | 51 | 50 | 40 | 39 | 38 | 32 |
| 2 | 86 | 78 | 72 | 66 | 78 | 71 | 66 | 61 | 58 | 54 | 51 | 46 | 43 | 41 | 35 | 33 | 32 | 26 |
| 3 | 78 | 68 | 61 | 55 | 71 | 62 | 56 | 51 | 51 | 46 | 42 | 41 | 37 | 34 | 31 | 28 | 26 | 22 |
| 4 | 71 | 60 | 52 | 46 | 65 | 55 | 48 | 43 | 45 | 40 | 36 | 36 | 32 | 29 | 27 | 25 | 23 | 19 |
| 5 | 65 | 54 | 45 | 39 | 59 | 49 | 42 | 36 | 40 | 35 | 31 | 32 | 28 | 25 | 24 | 22 | 19 | 16 |
| 6 | 60 | 48 | 40 | 34 | 54 | 44 | 37 | 31 | 36 | 31 | 26 | 29 | 25 | 22 | 22 | 19 | 17 | 14 |
| 7 | 55 | 43 | 35 | 29 | 50 | 39 | 32 | 27 | 33 | 27 | 23 | 26 | 22 | 19 | 20 | 17 | 15 | 12 |
| 8 | 51 | 39 | 31 | 26 | 47 | 36 | 29 | 24 | 30 | 24 | 20 | 24 | 20 | 17 | 18 | 16 | 13 | 11 |
| 9 | 48 | 35 | 28 | 23 | 43 | 33 | 26 | 21 | 27 | 22 | 18 | 22 | 18 | 15 | 17 | 14 | 12 | 10 |
| 10 | 45 | 32 | 25 | 20 | 40 | 30 | 23 | 19 | 25 | 20 | 16 | 20 | 16 | 14 | 16 | 13 | 11 | 9 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 4444 | 4444 | 4444 |
| 5° | 4458 | 4343 | 4355 |
| 10° | 4431 | 4273 | 4269 |
| 15° | 4391 | 4190 | 4167 |
| 20° | 4331 | 4099 | 4068 |
| 25° | 4264 | 3998 | 3958 |
| 30° | 4191 | 3896 | 3847 |
| 35° | 4108 | 3792 | 3748 |
| 40° | 4041 | 3694 | 3646 |
| 45° | 3943 | 3603 | 3558 |
| 50° | 3860 | 3498 | 3465 |
| 55° | 3775 | 3400 | 3356 |
| 60° | 3640 | 3274 | 3257 |
| 65° | 3494 | 3139 | 3136 |
| 70° | 3315 | 2985 | 2993 |
| 75° | 3068 | 2814 | 2864 |
| 80° | 2794 | 2652 | 2738 |
| 85° | 2439 | 2507 | 2665 |



TEST NUMBER: P332753-927

CATALOG NUMBER: S124DIW-S575D770U927-4F0-1E-UDD-D

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 52.1 | 1.2 |
| 10°-20° | 149.4 | 3.5 |
| 20°-30° | 225.8 | 5.2 |
| 30°-40° | 273.2 | 6.3 |
| 40°-50° | 288.9 | 6.7 |
| 50°-60° | 271.9 | 6.3 |
| 60°-70° | 225.6 | 5.2 |
| 70°-80° | 158.4 | 3.7 |
| 80°-90° | 91.8 | 2.1 |
| 90°-100° | 80.1 | 1.9 |
| 100°-110° | 210.8 | 4.9 |
| 110°-120° | 354.4 | 8.2 |
| 120°-130° | 431.2 | 10.0 |
| 130°-140° | 451.9 | 10.5 |
| 140°-150° | 417.9 | 9.7 |
| 150°-160° | 335.9 | 7.8 |
| 160°-170° | 216.7 | 5.0 |
| 170°-180° | 74.7 | 1.7 |
| 0°-30° | 427.3 | 9.9 |
| 0°-40° | 700.6 | 16.3 |
| 0°-60° | 1261.3 | 29.3 |
| 0°-90° | 1737.1 | 40.3 |
| 90°-120° | 645.3 | 15.0 |
| 90°-150° | 1946.3 | 45.2 |
| 90°-180° | 2574.0 | 59.7 |
| 0°-180° | 4310.7 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|-----|-------|-----|------|
| 0° | 550 | 550 | 550 | 550 | 550 | |
| 5° | 551 | 549 | 545 | 550 | 549 | 52 |
| 15° | 528 | 529 | 527 | 532 | 532 | 149 |
| 25° | 483 | 487 | 489 | 495 | 496 | 223 |
| 35° | 423 | 430 | 436 | 445 | 447 | 265 |
| 45° | 353 | 364 | 376 | 386 | 390 | 272 |
| 55° | 276 | 289 | 308 | 319 | 324 | 246 |
| 65° | 191 | 211 | 232 | 247 | 252 | 189 |
| 75° | 106 | 129 | 155 | 171 | 178 | 113 |
| 85° | 33 | 59 | 86 | 104 | 111 | 35 |
| 90° | 12 | 43 | 74 | 94 | 102 | 8 |
| 95° | 40 | 42 | 66 | 86 | 93 | 48 |
| 105° | 182 | 199 | 224 | 243 | 229 | 191 |
| 115° | 334 | 342 | 361 | 375 | 380 | 329 |
| 125° | 467 | 469 | 483 | 496 | 501 | 417 |
| 135° | 578 | 577 | 584 | 594 | 600 | 445 |
| 145° | 665 | 666 | 666 | 670 | 674 | 416 |
| 155° | 729 | 729 | 727 | 729 | 728 | 336 |
| 165° | 769 | 766 | 766 | 770 | 765 | 217 |
| 175° | 786 | 783 | 783 | 788 | 782 | 75 |
| 180° | 786 | 786 | 786 | 786 | 786 | |



TEST NUMBER: P332753-927

CATALOG NUMBER: S124DIW-S575D770U927-4F0-1E-UDD-D

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 550.5 | 550.5 | 550.5 | 550.5 | 550.5 | 550.5 | 550.5 | 550.5 | 550.5 | 550.5 | 550.5 |
| 2.5° | 552.5 | 552.2 | 551.8 | 551.4 | 551.1 | 550.6 | 549.7 | 548.8 | 547.9 | 547.0 | 547.8 |
| 5° | 551.1 | 550.7 | 550.2 | 549.9 | 549.5 | 548.7 | 547.8 | 546.8 | 545.9 | 544.9 | 546.1 |
| 7.5° | 546.4 | 546.1 | 545.9 | 545.7 | 545.4 | 544.9 | 544.2 | 543.4 | 542.5 | 541.7 | 543.0 |
| 10° | 542.5 | 542.3 | 542.2 | 542.1 | 541.9 | 541.5 | 540.8 | 540.1 | 539.5 | 538.8 | 540.0 |
| 12.5° | 537.0 | 537.0 | 537.0 | 536.9 | 536.9 | 536.7 | 536.2 | 535.8 | 535.3 | 534.8 | 535.9 |
| 15° | 528.3 | 528.5 | 528.5 | 528.7 | 528.9 | 528.7 | 528.3 | 527.9 | 527.4 | 527.0 | 528.3 |
| 17.5° | 516.3 | 516.7 | 517.1 | 517.5 | 518.0 | 518.2 | 518.1 | 518.0 | 517.9 | 517.8 | 519.0 |
| 20° | 507.9 | 508.3 | 508.7 | 509.2 | 509.6 | 509.8 | 510.0 | 510.2 | 510.2 | 510.4 | 511.7 |
| 22.5° | 498.6 | 499.1 | 499.6 | 500.1 | 500.7 | 501.1 | 501.3 | 501.5 | 501.8 | 502.0 | 503.4 |
| 25° | 483.3 | 484.1 | 485.0 | 485.8 | 486.6 | 487.2 | 487.6 | 488.0 | 488.5 | 488.9 | 490.4 |
| 27.5° | 466.3 | 467.5 | 468.7 | 469.9 | 471.1 | 472.0 | 472.6 | 473.2 | 473.9 | 474.5 | 475.9 |
| 30° | 455.0 | 456.1 | 457.1 | 458.2 | 459.3 | 460.3 | 461.3 | 462.2 | 463.2 | 464.2 | 465.7 |
| 32.5° | 442.6 | 443.9 | 445.2 | 446.6 | 447.9 | 449.1 | 450.1 | 451.2 | 452.3 | 453.4 | 455.0 |
| 35° | 422.9 | 424.5 | 426.2 | 427.8 | 429.4 | 430.9 | 432.3 | 433.7 | 435.1 | 436.4 | 438.4 |
| 37.5° | 403.1 | 404.9 | 406.8 | 408.7 | 410.6 | 412.4 | 414.1 | 415.8 | 417.5 | 419.1 | 421.1 |
| 40° | 390.2 | 392.0 | 393.8 | 395.5 | 397.4 | 399.2 | 401.1 | 403.0 | 405.0 | 406.9 | 408.9 |
| 42.5° | 375.4 | 377.4 | 379.4 | 381.4 | 383.4 | 385.6 | 387.8 | 390.0 | 392.3 | 394.5 | 396.8 |
| 45° | 352.6 | 355.2 | 357.8 | 360.4 | 363.0 | 365.6 | 368.2 | 370.8 | 373.4 | 376.0 | 378.3 |
| 47.5° | 330.8 | 333.4 | 336.1 | 338.8 | 341.5 | 344.4 | 347.4 | 350.4 | 353.4 | 356.4 | 358.9 |
| 50° | 315.0 | 318.0 | 321.0 | 324.1 | 327.1 | 330.1 | 333.1 | 336.1 | 339.1 | 342.1 | 344.8 |
| 52.5° | 299.2 | 302.2 | 305.2 | 308.2 | 311.2 | 314.5 | 318.0 | 321.4 | 324.9 | 328.3 | 331.1 |
| 55° | 276.2 | 279.0 | 281.9 | 284.8 | 287.6 | 291.1 | 295.2 | 299.4 | 303.5 | 307.6 | 310.4 |
| 57.5° | 250.4 | 254.0 | 257.5 | 261.1 | 264.7 | 268.5 | 272.5 | 276.6 | 280.7 | 284.8 | 288.0 |
| 60° | 233.6 | 237.2 | 240.7 | 244.3 | 247.9 | 251.9 | 256.4 | 260.9 | 265.5 | 270.0 | 273.1 |
| 62.5° | 217.4 | 221.3 | 225.1 | 229.0 | 232.9 | 237.1 | 241.6 | 246.1 | 250.7 | 255.2 | 258.3 |
| 65° | 191.1 | 195.5 | 199.9 | 204.2 | 208.7 | 213.2 | 217.8 | 222.4 | 227.1 | 231.8 | 235.2 |
| 67.5° | 165.8 | 170.5 | 175.2 | 179.8 | 184.4 | 189.3 | 194.2 | 199.2 | 204.2 | 209.2 | 212.7 |
| 70° | 148.5 | 153.2 | 157.9 | 162.6 | 167.2 | 172.1 | 177.3 | 182.5 | 187.7 | 193.0 | 196.6 |
| 72.5° | 131.8 | 136.6 | 141.3 | 146.1 | 150.8 | 156.0 | 161.5 | 167.1 | 172.6 | 178.2 | 181.7 |
| 75° | 106.0 | 111.1 | 116.1 | 121.2 | 126.3 | 131.7 | 137.4 | 143.2 | 149.0 | 154.7 | 158.6 |
| 77.5° | 82.0 | 87.4 | 92.8 | 98.1 | 103.5 | 109.2 | 115.2 | 121.2 | 127.2 | 133.2 | 137.1 |
| 80° | 67.2 | 72.6 | 78.2 | 83.7 | 89.1 | 94.8 | 100.9 | 106.9 | 113.0 | 119.0 | 123.1 |
| 82.5° | 52.4 | 58.1 | 63.8 | 69.5 | 75.2 | 81.0 | 87.1 | 93.1 | 99.1 | 105.2 | 109.4 |
| 85° | 32.6 | 38.4 | 44.2 | 49.9 | 55.7 | 61.6 | 67.8 | 74.0 | 80.2 | 86.3 | 90.4 |
| 87.5° | 18.6 | 24.5 | 30.3 | 36.2 | 42.1 | 48.2 | 54.3 | 60.6 | 66.8 | 73.0 | 77.1 |
| 90° | 11.6 | 18.5 | 25.4 | 32.4 | 39.3 | 46.2 | 53.2 | 60.1 | 67.0 | 74.0 | 78.7 |
| 92.5° | 16.8 | 21.8 | 26.8 | 31.8 | 36.8 | 42.8 | 49.7 | 56.6 | 63.6 | 70.5 | 75.2 |
| 95° | 40.3 | 40.4 | 40.5 | 40.6 | 40.6 | 43.6 | 49.4 | 55.1 | 60.8 | 66.5 | 71.1 |
| 97.5° | 76.0 | 82.6 | 89.3 | 95.9 | 102.6 | 101.4 | 92.4 | 83.3 | 74.4 | 65.4 | 69.0 |
| 100° | 103.2 | 109.2 | 115.0 | 121.0 | 126.9 | 123.5 | 110.8 | 98.1 | 85.4 | 72.7 | 74.2 |
| 102.5° | 134.3 | 139.1 | 143.9 | 148.8 | 153.7 | 157.5 | 160.4 | 163.3 | 166.2 | 169.1 | 148.7 |
| 105° | 182.5 | 186.1 | 189.6 | 193.1 | 196.6 | 201.3 | 207.0 | 212.7 | 218.4 | 224.2 | 228.8 |
| 107.5° | 228.4 | 231.1 | 233.7 | 236.3 | 238.9 | 243.1 | 248.8 | 254.4 | 260.2 | 265.9 | 269.8 |
| 110° | 259.0 | 261.3 | 263.6 | 265.9 | 268.2 | 272.1 | 277.7 | 283.3 | 288.9 | 294.5 | 297.9 |



TEST NUMBER: P332753-927

CATALOG NUMBER: S124DIW-S575D770U927-4F0-1E-UDD-D

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 288.6 | 291.0 | 293.3 | 295.8 | 298.2 | 301.9 | 306.8 | 311.7 | 316.7 | 321.6 | 324.6 |
| 115° | 334.1 | 335.8 | 337.4 | 339.1 | 340.6 | 343.6 | 347.8 | 352.1 | 356.4 | 360.6 | 363.9 |
| 117.5° | 375.8 | 377.1 | 378.3 | 379.6 | 380.9 | 383.7 | 388.0 | 392.4 | 396.8 | 401.2 | 403.9 |
| 120° | 403.5 | 404.5 | 405.4 | 406.3 | 407.3 | 409.6 | 413.5 | 417.3 | 421.2 | 425.0 | 428.0 |
| 122.5° | 429.8 | 430.2 | 430.6 | 431.0 | 431.4 | 433.6 | 437.5 | 441.5 | 445.4 | 449.4 | 452.3 |
| 125° | 467.0 | 467.4 | 467.8 | 468.2 | 468.6 | 470.3 | 473.5 | 476.7 | 479.8 | 483.0 | 486.0 |
| 127.5° | 502.6 | 502.6 | 502.6 | 502.6 | 502.6 | 504.2 | 507.5 | 510.7 | 513.9 | 517.1 | 519.5 |
| 130° | 525.2 | 525.2 | 525.2 | 525.1 | 525.1 | 526.5 | 529.0 | 531.6 | 534.2 | 536.8 | 539.4 |
| 132.5° | 546.4 | 546.4 | 546.5 | 546.7 | 546.8 | 548.0 | 550.2 | 552.5 | 554.7 | 556.9 | 559.4 |
| 135° | 577.5 | 577.3 | 577.3 | 577.1 | 576.9 | 577.7 | 579.2 | 580.6 | 582.1 | 583.6 | 586.1 |
| 137.5° | 605.6 | 605.5 | 605.5 | 605.4 | 605.3 | 605.8 | 606.8 | 607.8 | 608.9 | 609.9 | 612.2 |
| 140° | 623.9 | 624.1 | 624.2 | 624.3 | 624.5 | 624.7 | 625.1 | 625.5 | 625.9 | 626.3 | 628.4 |
| 142.5° | 639.9 | 640.4 | 640.8 | 641.3 | 641.7 | 642.0 | 642.1 | 642.1 | 642.1 | 642.2 | 644.1 |
| 145° | 665.1 | 665.4 | 665.6 | 665.8 | 666.1 | 666.2 | 666.2 | 666.2 | 666.2 | 666.2 | 667.2 |
| 147.5° | 685.2 | 685.8 | 686.3 | 687.0 | 687.6 | 687.8 | 687.7 | 687.5 | 687.4 | 687.3 | 687.5 |
| 150° | 699.8 | 700.1 | 700.5 | 700.9 | 701.3 | 701.5 | 701.3 | 701.2 | 701.1 | 700.9 | 700.9 |
| 152.5° | 711.5 | 711.9 | 712.3 | 712.7 | 713.0 | 713.1 | 712.9 | 712.7 | 712.5 | 712.3 | 712.4 |
| 155° | 728.6 | 728.7 | 728.8 | 729.0 | 729.1 | 729.0 | 728.6 | 728.2 | 727.8 | 727.4 | 727.9 |
| 157.5° | 743.1 | 743.0 | 742.9 | 742.8 | 742.8 | 742.4 | 742.0 | 741.6 | 741.1 | 740.7 | 741.3 |
| 160° | 751.5 | 751.1 | 750.8 | 750.4 | 750.0 | 749.6 | 749.6 | 749.4 | 749.2 | 749.2 | 750.0 |
| 162.5° | 759.0 | 758.5 | 758.0 | 757.6 | 757.0 | 756.7 | 756.6 | 756.5 | 756.3 | 756.2 | 757.0 |
| 165° | 768.6 | 767.9 | 767.2 | 766.6 | 766.0 | 765.6 | 765.6 | 765.6 | 765.6 | 765.6 | 766.7 |
| 167.5° | 776.1 | 775.4 | 774.8 | 774.0 | 773.3 | 773.0 | 772.9 | 772.9 | 772.8 | 772.7 | 773.8 |
| 170° | 780.3 | 779.5 | 778.7 | 777.9 | 777.2 | 776.8 | 777.0 | 777.1 | 777.2 | 777.4 | 778.4 |
| 172.5° | 783.2 | 782.4 | 781.6 | 780.8 | 780.0 | 779.7 | 779.8 | 779.9 | 780.1 | 780.2 | 781.3 |
| 175° | 786.2 | 785.4 | 784.7 | 783.9 | 783.1 | 782.8 | 782.8 | 783.0 | 783.2 | 783.2 | 784.4 |
| 177.5° | 787.6 | 786.9 | 786.2 | 785.4 | 784.7 | 784.4 | 784.7 | 784.8 | 785.1 | 785.2 | 786.1 |
| 180° | 786.2 | 786.2 | 786.2 | 786.2 | 786.2 | 786.2 | 786.2 | 786.2 | 786.2 | 786.2 | 786.2 |



TEST NUMBER: P332753-927

CATALOG NUMBER: S124DIW-S575D770U927-4F0-1E-UDD-D

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 550.5 | 550.5 | 550.5 | 550.5 | 550.5 | 550.5 | 550.5 | 550.5 |
| 2.5° | 548.6 | 549.3 | 550.1 | 550.4 | 550.3 | 550.2 | 550.1 | 550.0 |
| 5° | 547.2 | 548.2 | 549.3 | 549.8 | 549.7 | 549.5 | 549.4 | 549.2 |
| 7.5° | 544.2 | 545.4 | 546.7 | 547.2 | 547.1 | 546.9 | 546.8 | 546.7 |
| 10° | 541.2 | 542.5 | 543.7 | 544.2 | 544.2 | 544.0 | 543.8 | 543.7 |
| 12.5° | 537.1 | 538.2 | 539.3 | 539.9 | 539.9 | 539.8 | 539.8 | 539.8 |
| 15° | 529.5 | 530.8 | 532.0 | 532.5 | 532.4 | 532.3 | 532.1 | 532.0 |
| 17.5° | 520.3 | 521.6 | 522.8 | 523.4 | 523.3 | 523.2 | 523.1 | 523.0 |
| 20° | 513.2 | 514.5 | 515.9 | 516.6 | 516.6 | 516.6 | 516.6 | 516.6 |
| 22.5° | 504.8 | 506.1 | 507.5 | 508.3 | 508.5 | 508.7 | 509.0 | 509.2 |
| 25° | 491.9 | 493.4 | 494.9 | 495.7 | 495.8 | 496.0 | 496.1 | 496.2 |
| 27.5° | 477.4 | 478.7 | 480.1 | 480.9 | 481.1 | 481.3 | 481.4 | 481.6 |
| 30° | 467.2 | 468.7 | 470.2 | 471.1 | 471.3 | 471.7 | 471.9 | 472.2 |
| 32.5° | 456.8 | 458.5 | 460.3 | 461.2 | 461.5 | 461.8 | 462.1 | 462.3 |
| 35° | 440.3 | 442.2 | 444.1 | 445.3 | 445.7 | 446.1 | 446.5 | 446.9 |
| 37.5° | 423.1 | 425.0 | 427.0 | 428.2 | 428.6 | 429.0 | 429.4 | 429.9 |
| 40° | 411.0 | 413.0 | 415.1 | 416.4 | 416.9 | 417.5 | 418.0 | 418.6 |
| 42.5° | 399.1 | 401.3 | 403.6 | 405.0 | 405.4 | 405.8 | 406.3 | 406.7 |
| 45° | 380.7 | 383.0 | 385.3 | 386.8 | 387.5 | 388.2 | 388.9 | 389.6 |
| 47.5° | 361.2 | 363.7 | 366.1 | 367.7 | 368.5 | 369.3 | 370.2 | 371.0 |
| 50° | 347.6 | 350.4 | 353.1 | 354.9 | 355.7 | 356.5 | 357.4 | 358.1 |
| 52.5° | 333.8 | 336.5 | 339.3 | 341.0 | 341.9 | 342.7 | 343.5 | 344.4 |
| 55° | 313.1 | 315.8 | 318.5 | 320.4 | 321.2 | 322.0 | 322.8 | 323.6 |
| 57.5° | 291.3 | 294.6 | 297.9 | 299.8 | 300.6 | 301.3 | 302.1 | 302.9 |
| 60° | 276.3 | 279.5 | 282.6 | 284.7 | 285.8 | 286.9 | 288.0 | 289.1 |
| 62.5° | 261.5 | 264.7 | 267.8 | 269.9 | 271.0 | 272.1 | 273.2 | 274.3 |
| 65° | 238.6 | 242.1 | 245.5 | 247.7 | 248.8 | 249.9 | 251.0 | 252.2 |
| 67.5° | 216.2 | 219.7 | 223.2 | 225.4 | 226.5 | 227.5 | 228.6 | 229.7 |
| 70° | 200.3 | 204.1 | 207.7 | 210.1 | 211.0 | 212.0 | 212.9 | 213.9 |
| 72.5° | 185.3 | 188.9 | 192.5 | 194.8 | 195.9 | 196.9 | 198.0 | 199.1 |
| 75° | 162.4 | 166.2 | 170.1 | 172.6 | 173.8 | 175.1 | 176.3 | 177.5 |
| 77.5° | 141.1 | 145.0 | 148.9 | 151.5 | 152.7 | 154.1 | 155.3 | 156.7 |
| 80° | 127.2 | 131.3 | 135.4 | 138.0 | 139.1 | 140.2 | 141.3 | 142.4 |
| 82.5° | 113.6 | 117.8 | 122.1 | 124.8 | 126.0 | 127.1 | 128.3 | 129.6 |
| 85° | 94.5 | 98.6 | 102.7 | 105.5 | 106.9 | 108.2 | 109.6 | 111.0 |
| 87.5° | 81.3 | 85.4 | 89.5 | 92.2 | 93.5 | 94.7 | 95.9 | 97.2 |
| 90° | 83.5 | 88.2 | 93.0 | 96.0 | 97.4 | 98.8 | 100.1 | 101.5 |
| 92.5° | 79.9 | 84.4 | 89.1 | 92.1 | 93.2 | 94.3 | 95.5 | 96.6 |
| 95° | 75.5 | 80.0 | 84.5 | 87.5 | 88.8 | 90.2 | 91.5 | 92.8 |
| 97.5° | 72.6 | 76.4 | 80.0 | 82.5 | 83.8 | 85.1 | 86.4 | 87.7 |
| 100° | 75.7 | 77.2 | 78.7 | 79.9 | 81.0 | 82.1 | 83.2 | 84.3 |
| 102.5° | 128.3 | 107.9 | 87.5 | 77.9 | 79.0 | 80.1 | 81.2 | 82.3 |
| 105° | 233.4 | 238.0 | 242.6 | 243.0 | 239.5 | 235.8 | 232.2 | 228.6 |
| 107.5° | 273.8 | 277.7 | 281.6 | 284.3 | 285.8 | 287.3 | 288.8 | 290.3 |
| 110° | 301.3 | 304.7 | 308.1 | 310.5 | 312.0 | 313.5 | 315.1 | 316.5 |



TEST NUMBER: P332753-927

CATALOG NUMBER: S124DIW-S575D770U927-4F0-1E-UDD-D

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 327.6 | 330.6 | 333.6 | 335.9 | 337.5 | 339.1 | 340.6 | 342.2 |
| 115° | 367.2 | 370.4 | 373.8 | 375.8 | 376.8 | 377.8 | 378.7 | 379.7 |
| 117.5° | 406.7 | 409.6 | 412.3 | 414.2 | 415.3 | 416.4 | 417.4 | 418.4 |
| 120° | 431.0 | 434.0 | 437.0 | 438.9 | 439.7 | 440.6 | 441.5 | 442.3 |
| 122.5° | 455.2 | 458.0 | 461.0 | 462.8 | 463.5 | 464.2 | 464.9 | 465.6 |
| 125° | 488.9 | 491.9 | 495.0 | 496.9 | 497.9 | 498.8 | 499.8 | 500.7 |
| 127.5° | 521.9 | 524.3 | 526.7 | 528.3 | 529.1 | 530.0 | 530.8 | 531.6 |
| 130° | 542.0 | 544.5 | 547.2 | 548.9 | 549.7 | 550.6 | 551.4 | 552.2 |
| 132.5° | 561.9 | 564.4 | 566.9 | 568.5 | 569.2 | 569.9 | 570.6 | 571.3 |
| 135° | 588.5 | 591.0 | 593.4 | 595.2 | 596.3 | 597.3 | 598.4 | 599.5 |
| 137.5° | 614.5 | 616.8 | 619.1 | 620.5 | 621.2 | 621.7 | 622.3 | 622.9 |
| 140° | 630.7 | 632.8 | 635.0 | 636.5 | 637.3 | 638.1 | 639.0 | 639.8 |
| 142.5° | 645.9 | 647.8 | 649.7 | 650.9 | 651.5 | 652.0 | 652.7 | 653.3 |
| 145° | 668.1 | 669.1 | 670.0 | 670.9 | 671.8 | 672.6 | 673.4 | 674.1 |
| 147.5° | 687.7 | 687.9 | 688.2 | 688.6 | 689.1 | 689.7 | 690.2 | 690.8 |
| 150° | 700.9 | 700.9 | 700.9 | 701.0 | 701.2 | 701.2 | 701.4 | 701.5 |
| 152.5° | 712.6 | 712.8 | 713.0 | 713.1 | 713.0 | 713.0 | 712.9 | 712.8 |
| 155° | 728.4 | 729.0 | 729.4 | 729.5 | 729.1 | 728.7 | 728.3 | 728.0 |
| 157.5° | 742.0 | 742.8 | 743.4 | 743.4 | 742.8 | 742.0 | 741.3 | 740.7 |
| 160° | 750.8 | 751.5 | 752.3 | 752.3 | 751.5 | 750.8 | 750.0 | 749.2 |
| 162.5° | 757.8 | 758.5 | 759.3 | 759.3 | 758.4 | 757.5 | 756.6 | 755.7 |
| 165° | 767.7 | 768.7 | 769.8 | 769.8 | 768.6 | 767.4 | 766.2 | 765.0 |
| 167.5° | 775.0 | 776.1 | 777.3 | 777.2 | 775.9 | 774.6 | 773.2 | 772.0 |
| 170° | 779.4 | 780.5 | 781.6 | 781.4 | 780.1 | 778.8 | 777.5 | 776.2 |
| 172.5° | 782.3 | 783.3 | 784.3 | 784.2 | 782.8 | 781.4 | 780.0 | 778.6 |
| 175° | 785.6 | 786.8 | 788.0 | 787.7 | 786.2 | 784.7 | 783.1 | 781.5 |
| 177.5° | 787.0 | 787.7 | 788.6 | 788.4 | 787.1 | 785.8 | 784.7 | 783.4 |
| 180° | 786.2 | 786.2 | 786.2 | 786.2 | 786.2 | 786.2 | 786.2 | 786.2 |

(END OF REPORT)