

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: P333349-940

Luminaire Tested: **S125DIW-S375D770U940-4F0-1E-UDD-D1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333349-940
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-11,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S125DIW-S375D770U940-4F0-1E-UDD-D1
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 375 LUMENS PER FOOT, DROP SATIN WHITE DIFFUSER
UPLIGHT 770 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3677.4 lumens
Efficiency: N/A
Efficacy: 121.0 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.21 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.08')
CIE Type: Semi-Indirect

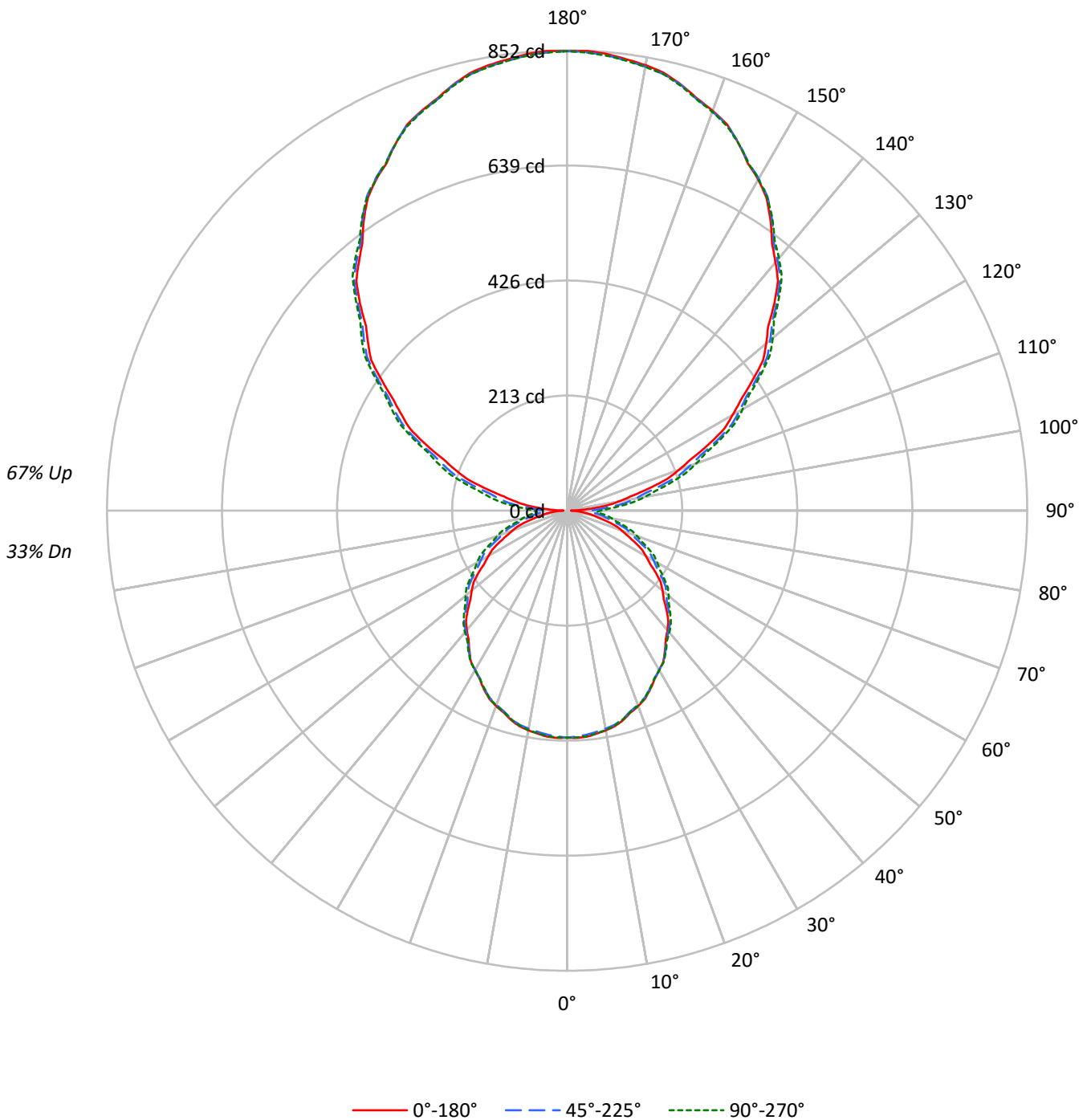
Input Watts (W): 30.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333349-940

CATALOG NUMBER: S125DIW-S375D770U940-4F0-1E-UDD-D1

Luminous Intensity Polar Plot





TEST NUMBER: P333349-940

CATALOG NUMBER: S125DIW-S375D770U940-4F0-1E-UDD-D1

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 | 103 | 103 | 103 | 103 | 93 | 93 | 93 | 93 | 74 | 74 | 74 | 57 | 57 | 57 | 41 | 41 | 41 | 33 |
| 1 | 94 | 89 | 85 | 82 | 84 | 80 | 77 | 74 | 64 | 62 | 60 | 49 | 48 | 46 | 35 | 34 | 33 | 27 |
| 2 | 85 | 77 | 71 | 66 | 76 | 70 | 65 | 60 | 56 | 52 | 49 | 43 | 40 | 38 | 31 | 29 | 28 | 22 |
| 3 | 77 | 68 | 61 | 55 | 69 | 61 | 55 | 50 | 49 | 45 | 41 | 38 | 35 | 32 | 27 | 25 | 23 | 19 |
| 4 | 71 | 60 | 52 | 46 | 63 | 54 | 47 | 42 | 43 | 38 | 35 | 33 | 30 | 27 | 24 | 22 | 20 | 16 |
| 5 | 65 | 53 | 45 | 39 | 58 | 48 | 41 | 36 | 39 | 34 | 30 | 30 | 26 | 23 | 22 | 19 | 17 | 14 |
| 6 | 59 | 48 | 40 | 34 | 53 | 43 | 36 | 31 | 35 | 30 | 26 | 27 | 23 | 20 | 20 | 17 | 15 | 12 |
| 7 | 55 | 43 | 35 | 29 | 49 | 39 | 32 | 27 | 31 | 26 | 22 | 24 | 21 | 18 | 18 | 15 | 13 | 11 |
| 8 | 51 | 39 | 31 | 26 | 46 | 35 | 28 | 24 | 28 | 23 | 20 | 22 | 19 | 16 | 16 | 14 | 12 | 9 |
| 9 | 47 | 35 | 28 | 23 | 42 | 32 | 26 | 21 | 26 | 21 | 18 | 20 | 17 | 14 | 15 | 13 | 11 | 8 |
| 10 | 44 | 32 | 25 | 20 | 40 | 29 | 23 | 19 | 24 | 19 | 16 | 19 | 15 | 13 | 14 | 11 | 10 | 8 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 2715 | 2715 | 2715 |
| 5° | 2721 | 2664 | 2673 |
| 10° | 2700 | 2617 | 2613 |
| 15° | 2669 | 2561 | 2537 |
| 20° | 2626 | 2489 | 2461 |
| 25° | 2574 | 2414 | 2367 |
| 30° | 2511 | 2331 | 2282 |
| 35° | 2453 | 2256 | 2203 |
| 40° | 2394 | 2175 | 2125 |
| 45° | 2326 | 2106 | 2054 |
| 50° | 2263 | 2032 | 1993 |
| 55° | 2185 | 1961 | 1921 |
| 60° | 2101 | 1881 | 1846 |
| 65° | 2014 | 1797 | 1764 |
| 70° | 1915 | 1682 | 1678 |
| 75° | 1755 | 1572 | 1572 |
| 80° | 1547 | 1438 | 1457 |
| 85° | 1353 | 1346 | 1421 |



TEST NUMBER: P333349-940

CATALOG NUMBER: S125DIW-S375D770U940-4F0-1E-UDD-D1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 39.7 | 1.1 |
| 10°-20° | 112.8 | 3.1 |
| 20°-30° | 167.8 | 4.6 |
| 30°-40° | 198.8 | 5.4 |
| 40°-50° | 205.5 | 5.6 |
| 50°-60° | 189.3 | 5.1 |
| 60°-70° | 153.0 | 4.2 |
| 70°-80° | 102.5 | 2.8 |
| 80°-90° | 55.0 | 1.5 |
| 90°-100° | 86.8 | 2.4 |
| 100°-110° | 190.2 | 5.2 |
| 110°-120° | 299.7 | 8.1 |
| 120°-130° | 383.4 | 10.4 |
| 130°-140° | 423.9 | 11.5 |
| 140°-150° | 412.6 | 11.2 |
| 150°-160° | 345.9 | 9.4 |
| 160°-170° | 229.9 | 6.3 |
| 170°-180° | 80.5 | 2.2 |
| 0°-30° | 320.4 | 8.7 |
| 0°-40° | 519.2 | 14.1 |
| 0°-60° | 914.0 | 24.9 |
| 0°-90° | 1224.5 | 33.3 |
| 90°-120° | 576.7 | 15.7 |
| 90°-150° | 1796.6 | 48.9 |
| 90°-180° | 2453.0 | 66.7 |
| 0°-180° | 3677.4 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|-----|-------|-----|------|
| 0° | 420 | 420 | 420 | 420 | 420 | |
| 5° | 420 | 419 | 417 | 420 | 420 | 40 |
| 15° | 401 | 402 | 399 | 401 | 400 | 113 |
| 25° | 365 | 366 | 364 | 365 | 363 | 168 |
| 35° | 316 | 318 | 317 | 318 | 318 | 197 |
| 45° | 260 | 264 | 267 | 269 | 270 | 201 |
| 55° | 200 | 206 | 213 | 217 | 219 | 179 |
| 65° | 138 | 147 | 157 | 163 | 165 | 137 |
| 75° | 76 | 87 | 100 | 108 | 110 | 80 |
| 85° | 23 | 36 | 51 | 59 | 63 | 24 |
| 90° | 7 | 26 | 44 | 57 | 62 | 7 |
| 95° | 48 | 61 | 81 | 94 | 99 | 50 |
| 105° | 155 | 165 | 181 | 193 | 198 | 165 |
| 115° | 288 | 294 | 305 | 312 | 314 | 285 |
| 125° | 418 | 422 | 430 | 436 | 437 | 374 |
| 135° | 542 | 546 | 549 | 554 | 554 | 418 |
| 145° | 656 | 659 | 661 | 663 | 662 | 410 |
| 155° | 751 | 751 | 751 | 754 | 751 | 346 |
| 165° | 816 | 815 | 816 | 818 | 814 | 230 |
| 175° | 849 | 846 | 846 | 849 | 845 | 81 |
| 180° | 851 | 851 | 851 | 851 | 851 | |



TEST NUMBER: P333349-940

CATALOG NUMBER: S125DIW-S375D770U940-4F0-1E-UDD-D1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 420.4 | 420.4 | 420.4 | 420.4 | 420.4 | 420.4 | 420.4 | 420.4 | 420.4 | 420.4 | 420.4 |
| 2.5° | 421.3 | 421.2 | 421.1 | 420.9 | 420.8 | 420.4 | 419.9 | 419.4 | 418.9 | 418.4 | 418.9 |
| 5° | 420.4 | 420.2 | 420.0 | 419.8 | 419.6 | 419.2 | 418.6 | 417.9 | 417.3 | 416.6 | 417.4 |
| 7.5° | 416.6 | 416.6 | 416.5 | 416.4 | 416.3 | 416.0 | 415.4 | 414.6 | 414.0 | 413.3 | 414.0 |
| 10° | 413.3 | 413.3 | 413.3 | 413.3 | 413.3 | 413.0 | 412.2 | 411.5 | 410.8 | 410.0 | 410.7 |
| 12.5° | 408.8 | 408.8 | 408.8 | 408.9 | 409.0 | 408.8 | 408.2 | 407.6 | 407.0 | 406.4 | 406.9 |
| 15° | 401.4 | 401.4 | 401.5 | 401.7 | 401.8 | 401.4 | 400.8 | 400.2 | 399.6 | 399.0 | 399.5 |
| 17.5° | 391.8 | 392.0 | 392.2 | 392.4 | 392.5 | 392.4 | 391.7 | 391.0 | 390.4 | 389.8 | 390.2 |
| 20° | 385.0 | 385.1 | 385.3 | 385.5 | 385.7 | 385.4 | 384.8 | 384.1 | 383.5 | 382.8 | 383.2 |
| 22.5° | 377.0 | 377.4 | 377.6 | 378.0 | 378.4 | 378.1 | 377.4 | 376.7 | 375.9 | 375.2 | 375.6 |
| 25° | 364.7 | 365.0 | 365.2 | 365.5 | 365.8 | 365.7 | 365.2 | 364.6 | 364.0 | 363.5 | 363.8 |
| 27.5° | 351.1 | 351.4 | 351.9 | 352.2 | 352.7 | 352.6 | 352.0 | 351.3 | 350.7 | 350.1 | 350.3 |
| 30° | 340.8 | 341.3 | 341.9 | 342.5 | 343.0 | 343.0 | 342.5 | 341.9 | 341.3 | 340.8 | 341.0 |
| 32.5° | 331.6 | 332.1 | 332.5 | 333.1 | 333.5 | 333.5 | 333.1 | 332.7 | 332.3 | 331.9 | 332.1 |
| 35° | 315.7 | 316.3 | 317.0 | 317.6 | 318.3 | 318.4 | 318.2 | 317.9 | 317.6 | 317.4 | 317.6 |
| 37.5° | 299.8 | 300.3 | 301.0 | 301.5 | 302.1 | 302.4 | 302.3 | 302.2 | 302.1 | 302.0 | 302.4 |
| 40° | 288.9 | 289.6 | 290.3 | 291.1 | 291.9 | 292.1 | 292.0 | 291.9 | 291.9 | 291.8 | 292.1 |
| 42.5° | 277.1 | 277.9 | 278.9 | 279.9 | 280.8 | 281.4 | 281.6 | 281.8 | 282.0 | 282.2 | 282.7 |
| 45° | 260.0 | 261.1 | 262.1 | 263.1 | 264.0 | 264.8 | 265.3 | 265.7 | 266.2 | 266.6 | 267.2 |
| 47.5° | 242.6 | 243.6 | 244.5 | 245.5 | 246.4 | 247.3 | 248.1 | 248.8 | 249.6 | 250.4 | 251.4 |
| 50° | 230.8 | 231.8 | 232.8 | 233.8 | 234.8 | 235.9 | 236.8 | 237.8 | 238.8 | 239.9 | 240.9 |
| 52.5° | 218.3 | 219.5 | 220.7 | 221.9 | 223.2 | 224.4 | 225.6 | 226.9 | 228.1 | 229.3 | 230.4 |
| 55° | 199.8 | 201.3 | 202.8 | 204.3 | 205.7 | 207.2 | 208.7 | 210.1 | 211.6 | 213.0 | 214.1 |
| 57.5° | 181.1 | 182.8 | 184.6 | 186.4 | 188.2 | 189.8 | 191.5 | 193.2 | 194.9 | 196.5 | 197.7 |
| 60° | 168.5 | 170.4 | 172.2 | 174.1 | 175.8 | 177.7 | 179.5 | 181.4 | 183.2 | 185.0 | 186.4 |
| 62.5° | 156.3 | 158.2 | 160.1 | 161.8 | 163.7 | 165.6 | 167.6 | 169.5 | 171.6 | 173.5 | 175.0 |
| 65° | 137.7 | 139.7 | 141.9 | 143.9 | 146.1 | 148.2 | 150.4 | 152.7 | 154.8 | 157.0 | 158.4 |
| 67.5° | 120.0 | 122.1 | 124.0 | 126.1 | 128.1 | 130.3 | 132.5 | 134.7 | 137.0 | 139.2 | 140.9 |
| 70° | 107.2 | 109.2 | 111.4 | 113.4 | 115.6 | 117.8 | 120.2 | 122.6 | 124.9 | 127.3 | 129.1 |
| 72.5° | 94.6 | 96.8 | 99.0 | 101.1 | 103.3 | 105.8 | 108.3 | 110.9 | 113.5 | 116.1 | 118.1 |
| 75° | 75.8 | 78.2 | 80.6 | 82.9 | 85.3 | 88.0 | 91.0 | 93.9 | 96.8 | 99.7 | 101.6 |
| 77.5° | 57.8 | 60.5 | 63.3 | 66.0 | 68.8 | 71.5 | 74.4 | 77.2 | 80.0 | 82.8 | 84.9 |
| 80° | 46.5 | 49.3 | 52.1 | 54.8 | 57.5 | 60.5 | 63.6 | 66.7 | 69.8 | 72.9 | 75.0 |
| 82.5° | 36.4 | 39.2 | 42.2 | 45.0 | 47.9 | 51.0 | 54.1 | 57.3 | 60.5 | 63.7 | 65.6 |
| 85° | 22.6 | 25.7 | 28.7 | 31.7 | 34.8 | 37.9 | 41.1 | 44.3 | 47.5 | 50.6 | 52.7 |
| 87.5° | 13.0 | 16.1 | 19.4 | 22.5 | 25.7 | 28.9 | 32.2 | 35.6 | 38.9 | 42.2 | 44.4 |
| 90° | 7.2 | 11.3 | 15.4 | 19.6 | 23.7 | 27.8 | 31.9 | 36.1 | 40.2 | 44.4 | 47.3 |
| 92.5° | 21.9 | 25.5 | 29.0 | 32.5 | 36.1 | 40.1 | 44.5 | 49.0 | 53.4 | 57.9 | 60.9 |
| 95° | 48.4 | 51.1 | 53.8 | 56.4 | 59.1 | 62.7 | 67.3 | 71.9 | 76.5 | 81.1 | 84.1 |
| 97.5° | 76.3 | 78.6 | 80.9 | 83.1 | 85.4 | 89.1 | 94.1 | 99.1 | 104.2 | 109.1 | 112.1 |
| 100° | 97.2 | 99.2 | 101.0 | 103.0 | 104.9 | 108.3 | 113.2 | 118.0 | 122.8 | 127.7 | 130.9 |
| 102.5° | 119.7 | 122.0 | 124.4 | 126.7 | 129.1 | 132.2 | 136.1 | 139.8 | 143.7 | 147.5 | 150.8 |
| 105° | 154.6 | 156.9 | 159.1 | 161.2 | 163.5 | 166.4 | 170.0 | 173.6 | 177.3 | 180.8 | 183.6 |
| 107.5° | 193.3 | 195.3 | 197.3 | 199.3 | 201.3 | 203.9 | 207.2 | 210.5 | 213.8 | 217.1 | 219.5 |
| 110° | 220.0 | 221.9 | 223.6 | 225.5 | 227.4 | 229.8 | 232.7 | 235.8 | 238.8 | 241.8 | 244.0 |



TEST NUMBER: P333349-940

CATALOG NUMBER: S125DIW-S375D770U940-4F0-1E-UDD-D1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 247.5 | 248.8 | 250.0 | 251.4 | 252.6 | 254.8 | 257.8 | 260.8 | 263.9 | 267.0 | 268.9 |
| 115° | 287.8 | 289.0 | 290.3 | 291.5 | 292.7 | 294.6 | 297.3 | 300.0 | 302.6 | 305.3 | 306.8 |
| 117.5° | 328.1 | 328.9 | 329.5 | 330.2 | 330.9 | 332.5 | 335.0 | 337.5 | 340.0 | 342.6 | 344.2 |
| 120° | 353.6 | 354.5 | 355.6 | 356.6 | 357.6 | 359.3 | 361.5 | 363.7 | 366.0 | 368.3 | 369.8 |
| 122.5° | 380.8 | 381.1 | 381.6 | 381.9 | 382.4 | 383.7 | 386.2 | 388.6 | 391.0 | 393.4 | 394.8 |
| 125° | 418.0 | 418.8 | 419.6 | 420.4 | 421.2 | 422.6 | 424.5 | 426.5 | 428.5 | 430.5 | 431.7 |
| 127.5° | 457.4 | 457.7 | 458.2 | 458.5 | 459.0 | 460.0 | 461.6 | 463.3 | 465.0 | 466.7 | 468.0 |
| 130° | 481.2 | 481.8 | 482.4 | 483.1 | 483.8 | 484.8 | 486.4 | 488.0 | 489.5 | 491.2 | 492.3 |
| 132.5° | 504.6 | 505.9 | 507.0 | 508.2 | 509.4 | 510.5 | 511.4 | 512.3 | 513.3 | 514.2 | 515.3 |
| 135° | 542.3 | 543.1 | 543.9 | 544.7 | 545.5 | 546.3 | 547.1 | 547.9 | 548.6 | 549.4 | 550.6 |
| 137.5° | 577.7 | 578.5 | 579.3 | 580.1 | 580.9 | 581.6 | 582.2 | 582.8 | 583.4 | 584.1 | 585.3 |
| 140° | 600.1 | 600.9 | 601.6 | 602.4 | 603.1 | 603.7 | 604.2 | 604.8 | 605.3 | 605.8 | 607.2 |
| 142.5° | 622.9 | 623.5 | 624.0 | 624.6 | 625.1 | 625.6 | 626.2 | 626.8 | 627.4 | 627.9 | 629.0 |
| 145° | 656.4 | 656.9 | 657.4 | 657.9 | 658.4 | 658.9 | 659.3 | 659.8 | 660.2 | 660.7 | 661.1 |
| 147.5° | 687.0 | 687.3 | 687.6 | 688.0 | 688.3 | 688.6 | 688.9 | 689.3 | 689.6 | 690.0 | 690.5 |
| 150° | 707.7 | 707.5 | 707.3 | 707.2 | 707.0 | 707.3 | 707.8 | 708.5 | 709.0 | 709.6 | 709.6 |
| 152.5° | 724.6 | 724.8 | 725.0 | 725.2 | 725.4 | 725.6 | 725.9 | 726.1 | 726.3 | 726.6 | 726.9 |
| 155° | 750.6 | 750.6 | 750.6 | 750.6 | 750.6 | 750.7 | 750.9 | 751.0 | 751.2 | 751.4 | 751.9 |
| 157.5° | 774.0 | 773.6 | 773.3 | 773.0 | 772.7 | 772.6 | 772.8 | 772.8 | 773.0 | 773.2 | 773.7 |
| 160° | 787.7 | 787.3 | 786.8 | 786.4 | 786.0 | 785.8 | 786.0 | 786.1 | 786.2 | 786.4 | 787.0 |
| 162.5° | 800.0 | 799.6 | 799.2 | 799.0 | 798.6 | 798.4 | 798.5 | 798.5 | 798.5 | 798.6 | 799.3 |
| 165° | 816.2 | 815.9 | 815.6 | 815.3 | 815.0 | 814.9 | 815.1 | 815.2 | 815.4 | 815.6 | 816.1 |
| 167.5° | 830.0 | 829.4 | 828.8 | 828.2 | 827.6 | 827.3 | 827.3 | 827.3 | 827.3 | 827.3 | 828.2 |
| 170° | 837.4 | 836.8 | 836.2 | 835.6 | 835.0 | 834.7 | 834.7 | 834.7 | 834.7 | 834.7 | 835.6 |
| 172.5° | 842.7 | 842.0 | 841.5 | 840.9 | 840.3 | 840.0 | 840.0 | 840.0 | 840.0 | 840.0 | 840.9 |
| 175° | 848.6 | 848.0 | 847.5 | 846.9 | 846.2 | 846.0 | 846.0 | 846.0 | 846.0 | 846.0 | 846.9 |
| 177.5° | 851.7 | 851.2 | 850.7 | 850.2 | 849.8 | 849.5 | 849.4 | 849.3 | 849.2 | 849.0 | 849.7 |
| 180° | 850.6 | 850.6 | 850.6 | 850.6 | 850.6 | 850.6 | 850.6 | 850.6 | 850.6 | 850.6 | 850.6 |



TEST NUMBER: P333349-940

CATALOG NUMBER: S125DIW-S375D770U940-4F0-1E-UDD-D1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 420.4 | 420.4 | 420.4 | 420.4 | 420.4 | 420.4 | 420.4 | 420.4 |
| 2.5° | 419.4 | 419.9 | 420.4 | 420.6 | 420.5 | 420.5 | 420.4 | 420.4 |
| 5° | 418.1 | 418.8 | 419.5 | 419.9 | 419.8 | 419.7 | 419.6 | 419.5 |
| 7.5° | 414.6 | 415.3 | 415.9 | 416.2 | 416.1 | 416.0 | 415.9 | 415.8 |
| 10° | 411.3 | 412.0 | 412.6 | 412.9 | 412.8 | 412.7 | 412.6 | 412.5 |
| 12.5° | 407.4 | 407.9 | 408.4 | 408.5 | 408.3 | 408.0 | 407.8 | 407.6 |
| 15° | 400.0 | 400.6 | 401.1 | 401.2 | 400.8 | 400.5 | 400.1 | 399.8 |
| 17.5° | 390.7 | 391.0 | 391.5 | 391.6 | 391.4 | 391.1 | 390.9 | 390.7 |
| 20° | 383.4 | 383.7 | 384.0 | 384.1 | 384.1 | 384.1 | 384.1 | 384.1 |
| 22.5° | 375.9 | 376.3 | 376.7 | 376.7 | 376.5 | 376.3 | 376.0 | 375.9 |
| 25° | 364.2 | 364.6 | 365.0 | 364.9 | 364.4 | 364.0 | 363.6 | 363.1 |
| 27.5° | 350.5 | 350.8 | 351.1 | 351.2 | 351.0 | 350.8 | 350.6 | 350.4 |
| 30° | 341.2 | 341.3 | 341.5 | 341.6 | 341.5 | 341.4 | 341.3 | 341.3 |
| 32.5° | 332.3 | 332.4 | 332.6 | 332.7 | 332.6 | 332.5 | 332.4 | 332.3 |
| 35° | 317.9 | 318.2 | 318.4 | 318.5 | 318.5 | 318.5 | 318.5 | 318.5 |
| 37.5° | 302.7 | 303.1 | 303.4 | 303.6 | 303.6 | 303.5 | 303.5 | 303.4 |
| 40° | 292.5 | 292.8 | 293.3 | 293.6 | 293.7 | 293.9 | 294.1 | 294.3 |
| 42.5° | 283.1 | 283.6 | 284.0 | 284.2 | 284.3 | 284.3 | 284.3 | 284.4 |
| 45° | 268.0 | 268.6 | 269.2 | 269.6 | 269.7 | 269.7 | 269.8 | 269.9 |
| 47.5° | 252.3 | 253.2 | 254.1 | 254.7 | 254.9 | 255.1 | 255.3 | 255.5 |
| 50° | 241.8 | 242.9 | 243.9 | 244.5 | 244.8 | 245.0 | 245.3 | 245.6 |
| 52.5° | 231.5 | 232.6 | 233.6 | 234.3 | 234.4 | 234.7 | 234.9 | 235.1 |
| 55° | 215.1 | 216.1 | 217.1 | 217.8 | 218.1 | 218.5 | 218.9 | 219.3 |
| 57.5° | 198.9 | 200.0 | 201.2 | 201.9 | 202.2 | 202.4 | 202.8 | 203.0 |
| 60° | 187.8 | 189.1 | 190.6 | 191.4 | 191.6 | 191.9 | 192.2 | 192.4 |
| 62.5° | 176.6 | 178.1 | 179.6 | 180.5 | 180.8 | 181.2 | 181.6 | 181.9 |
| 65° | 159.8 | 161.1 | 162.5 | 163.4 | 163.7 | 164.1 | 164.5 | 164.9 |
| 67.5° | 142.6 | 144.2 | 145.9 | 147.0 | 147.4 | 147.9 | 148.4 | 148.8 |
| 70° | 130.8 | 132.6 | 134.3 | 135.5 | 136.0 | 136.5 | 137.1 | 137.7 |
| 72.5° | 119.9 | 121.8 | 123.7 | 124.8 | 125.2 | 125.6 | 126.0 | 126.4 |
| 75° | 103.4 | 105.2 | 107.1 | 108.2 | 108.7 | 109.1 | 109.6 | 110.0 |
| 77.5° | 86.9 | 88.9 | 90.9 | 92.1 | 92.5 | 92.8 | 93.2 | 93.5 |
| 80° | 77.0 | 79.0 | 81.0 | 82.2 | 82.6 | 82.9 | 83.3 | 83.6 |
| 82.5° | 67.6 | 69.6 | 71.5 | 72.8 | 73.5 | 74.1 | 74.7 | 75.4 |
| 85° | 54.8 | 56.7 | 58.8 | 60.1 | 60.8 | 61.6 | 62.3 | 63.0 |
| 87.5° | 46.7 | 49.0 | 51.2 | 52.7 | 53.4 | 54.1 | 54.8 | 55.6 |
| 90° | 50.0 | 52.9 | 55.7 | 57.7 | 58.8 | 59.9 | 61.0 | 62.1 |
| 92.5° | 63.9 | 66.9 | 69.9 | 71.9 | 72.9 | 73.8 | 74.8 | 75.8 |
| 95° | 87.1 | 90.2 | 93.3 | 95.2 | 96.1 | 97.1 | 98.0 | 99.0 |
| 97.5° | 114.9 | 117.9 | 120.7 | 122.6 | 123.4 | 124.2 | 125.0 | 125.8 |
| 100° | 134.1 | 137.4 | 140.6 | 142.7 | 143.6 | 144.4 | 145.3 | 146.1 |
| 102.5° | 154.1 | 157.4 | 160.7 | 162.8 | 163.8 | 164.7 | 165.7 | 166.7 |
| 105° | 186.3 | 189.0 | 191.7 | 193.6 | 194.7 | 195.8 | 196.9 | 198.0 |
| 107.5° | 221.7 | 223.9 | 226.1 | 227.6 | 228.1 | 228.6 | 229.2 | 229.7 |
| 110° | 246.1 | 248.3 | 250.5 | 251.8 | 252.4 | 252.8 | 253.3 | 253.9 |



TEST NUMBER: P333349-940

CATALOG NUMBER: S125DIW-S375D770U940-4F0-1E-UDD-D1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 270.7 | 272.6 | 274.5 | 275.5 | 275.9 | 276.3 | 276.7 | 277.1 |
| 115° | 308.4 | 309.9 | 311.4 | 312.3 | 312.7 | 313.1 | 313.5 | 313.9 |
| 117.5° | 345.9 | 347.6 | 349.3 | 350.1 | 350.2 | 350.2 | 350.2 | 350.3 |
| 120° | 371.4 | 372.9 | 374.5 | 375.2 | 375.2 | 375.1 | 375.1 | 375.1 |
| 122.5° | 396.1 | 397.5 | 398.9 | 399.6 | 399.7 | 399.8 | 399.8 | 399.9 |
| 125° | 432.8 | 434.0 | 435.2 | 435.9 | 436.2 | 436.5 | 436.8 | 437.1 |
| 127.5° | 469.1 | 470.4 | 471.5 | 472.3 | 472.5 | 472.8 | 473.0 | 473.2 |
| 130° | 493.4 | 494.5 | 495.7 | 496.3 | 496.5 | 496.7 | 496.9 | 497.0 |
| 132.5° | 516.5 | 517.6 | 518.7 | 519.2 | 519.2 | 519.2 | 519.2 | 519.2 |
| 135° | 551.8 | 552.9 | 554.2 | 554.7 | 554.6 | 554.5 | 554.3 | 554.2 |
| 137.5° | 586.6 | 587.8 | 589.1 | 589.5 | 589.2 | 588.8 | 588.4 | 588.1 |
| 140° | 608.4 | 609.8 | 611.1 | 611.5 | 611.2 | 610.8 | 610.4 | 610.0 |
| 142.5° | 630.1 | 631.1 | 632.1 | 632.5 | 632.0 | 631.7 | 631.3 | 631.0 |
| 145° | 661.6 | 662.0 | 662.5 | 662.6 | 662.5 | 662.5 | 662.5 | 662.4 |
| 147.5° | 691.0 | 691.5 | 692.1 | 691.9 | 691.0 | 690.2 | 689.4 | 688.5 |
| 150° | 709.6 | 709.6 | 709.6 | 709.5 | 709.4 | 709.1 | 708.9 | 708.7 |
| 152.5° | 727.3 | 727.6 | 728.0 | 727.9 | 727.4 | 726.8 | 726.4 | 725.9 |
| 155° | 752.5 | 753.0 | 753.7 | 753.6 | 752.9 | 752.2 | 751.4 | 750.6 |
| 157.5° | 774.4 | 774.9 | 775.5 | 775.3 | 774.4 | 773.4 | 772.4 | 771.4 |
| 160° | 787.6 | 788.2 | 788.7 | 788.7 | 787.9 | 787.2 | 786.5 | 785.8 |
| 162.5° | 800.0 | 800.7 | 801.4 | 801.4 | 800.5 | 799.6 | 798.8 | 797.9 |
| 165° | 816.7 | 817.3 | 817.9 | 817.7 | 816.9 | 816.0 | 815.1 | 814.2 |
| 167.5° | 829.1 | 830.0 | 830.8 | 830.8 | 829.9 | 829.0 | 828.1 | 827.2 |
| 170° | 836.5 | 837.4 | 838.3 | 838.2 | 837.1 | 836.2 | 835.1 | 834.1 |
| 172.5° | 841.8 | 842.7 | 843.6 | 843.6 | 842.7 | 841.7 | 840.8 | 839.9 |
| 175° | 847.7 | 848.6 | 849.5 | 849.4 | 848.4 | 847.4 | 846.3 | 845.3 |
| 177.5° | 850.4 | 851.1 | 851.9 | 851.8 | 851.0 | 850.2 | 849.4 | 848.5 |
| 180° | 850.6 | 850.6 | 850.6 | 850.6 | 850.6 | 850.6 | 850.6 | 850.6 |

(END OF REPORT)