

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: STREETWORKS

Report Number: P959202

Luminaire Tested: **NVN-SB1A-722-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P959202
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SB1A-722-U-SLR
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 2200K, 350mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3786.4 lumens
Efficiency: N/A
Efficacy: 122.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

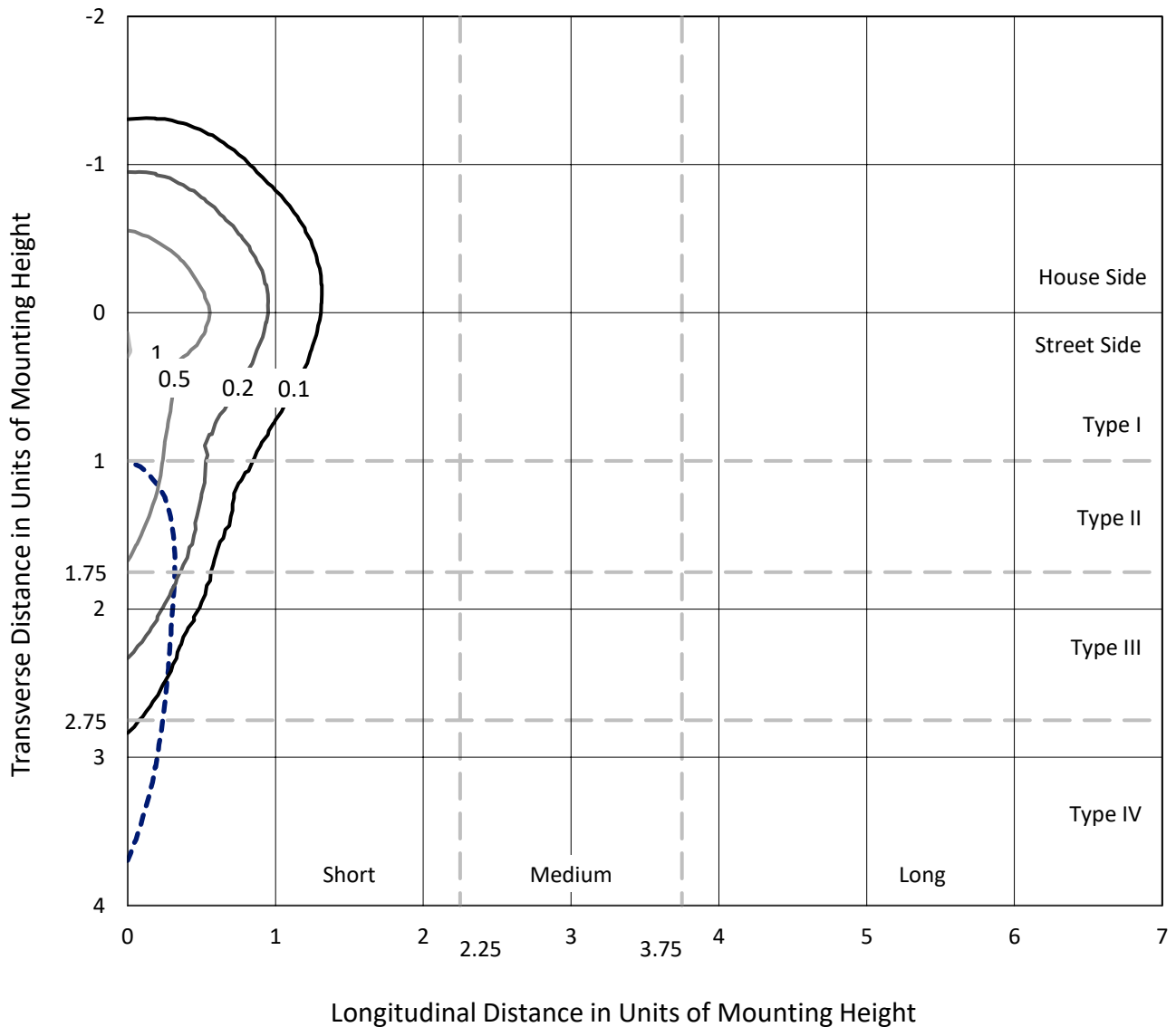
Input Watts (W): 30.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P959202
 CATALOG NUMBER: NVN-SB1A-722-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

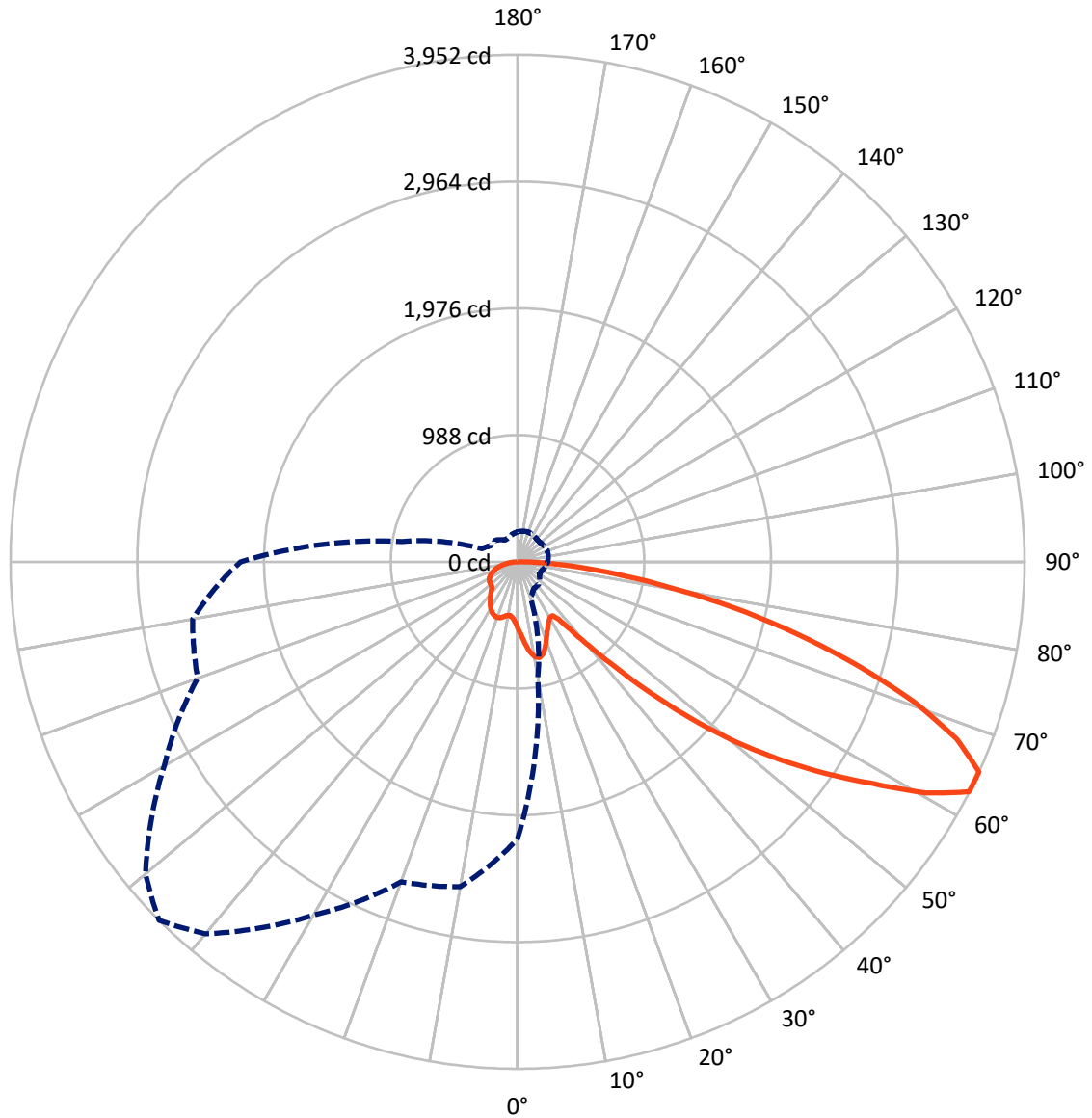
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1 fc
 Type IV - Short - N/A

REPORT NUMBER: P959202
CATALOG NUMBER: NVN-SB1A-722-U-SLR

Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P959202
 CATALOG NUMBER: NVN-SB1A-722-U-SLR

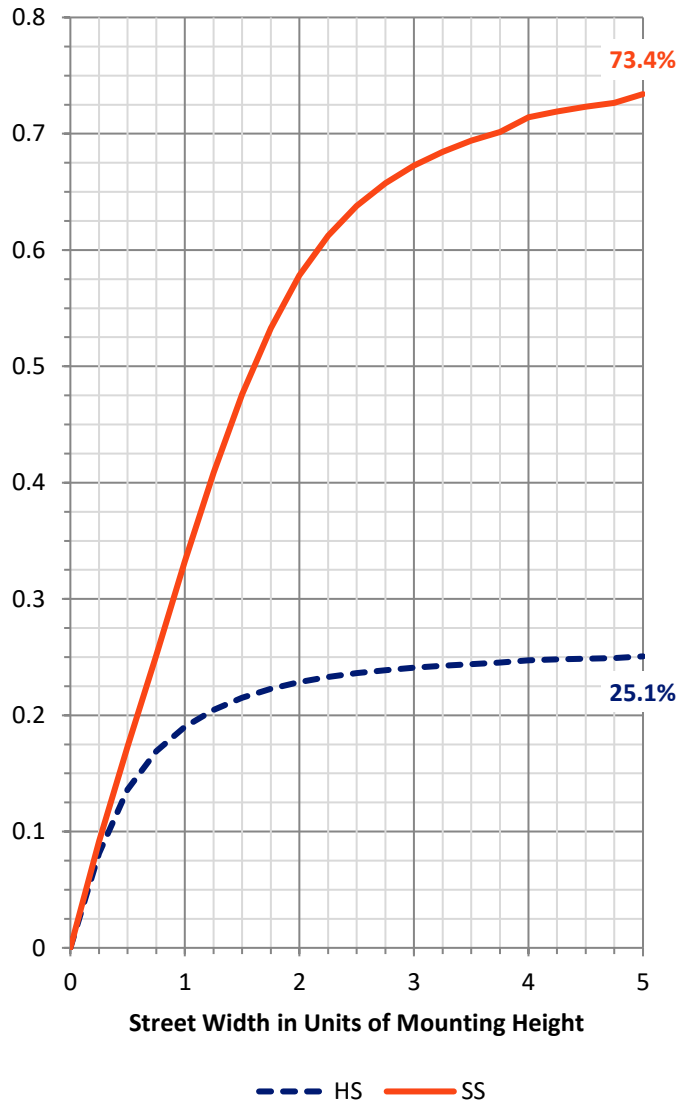
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 962.3 | 0.0 | 962.3 |
| | % Fixture | 25.4 | 0.0 | 25.4 |
| Street Side | Lumens | 2824.1 | 0.0 | 2824.1 |
| | % Fixture | 74.6 | 0.0 | 74.6 |
| Total | Lumens | 3786.4 | 0.0 | 3786.4 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 51.6 | 1.4 |
| 10°-20° | 162.1 | 4.3 |
| 20°-30° | 250.4 | 6.6 |
| 30°-40° | 317.4 | 8.4 |
| 40°-50° | 478.7 | 12.6 |
| 50°-60° | 773.4 | 20.4 |
| 60°-70° | 964.1 | 25.5 |
| 70°-80° | 632.2 | 16.7 |
| 80°-90° | 156.3 | 4.1 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 3786.4 | 100.0 |
| 0°-180° | 3786.4 | 100.0 |

Coefficient of Utilization

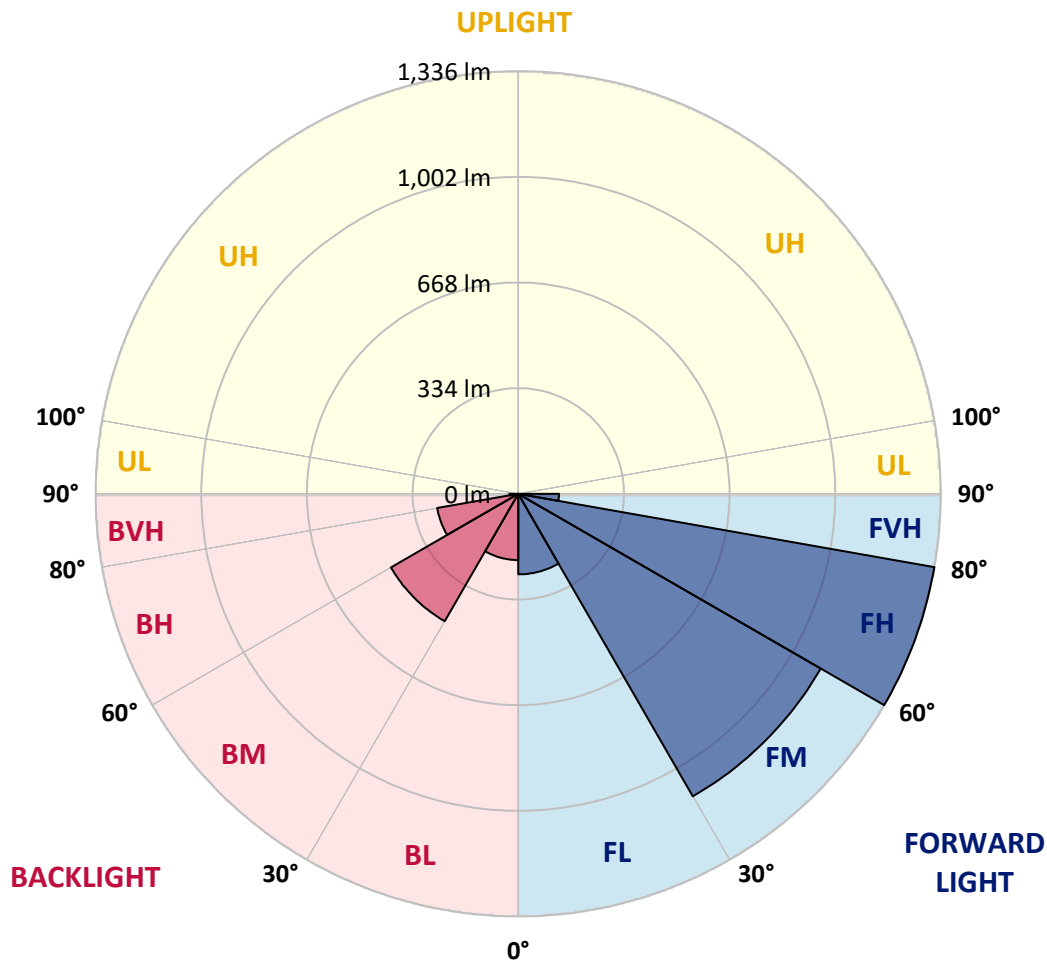


REPORT NUMBER: P959202
 CATALOG NUMBER: NVN-SB1A-722-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 254.7 | 6.7 | | | |
| FM (30°-60°) | 1104.4 | 29.2 | | | |
| FH (60°-80°) | 1336.2 | 35.3 | | | G1/1800 |
| FVH (80°-90°) | 128.8 | 3.4 | | | G2/225 |
| BL (0°-30°) | 209.6 | 5.5 | B1/500 | | |
| BM (30°-60°) | 465.0 | 12.3 | B1/1000 | | |
| BH (60°-80°) | 260.2 | 6.9 | B1/500 | | G1/500 |
| BVH (80°-90°) | 27.5 | 0.7 | | | G1/100 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G2
 Type IV Short



REPORT NUMBER: P959202
 CATALOG NUMBER: NVN-SB1A-722-U-SLR

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 |
| 2.5° | 560.0 | 555.7 | 551.3 | 546.7 | 542.2 | 537.6 | 533.0 | 528.6 | 524.2 | 520.0 | 515.3 |
| 5° | 602.1 | 592.6 | 583.1 | 573.6 | 564.2 | 554.6 | 545.1 | 536.3 | 527.4 | 519.0 | 510.7 |
| 7.5° | 644.4 | 628.7 | 613.2 | 598.7 | 584.1 | 570.1 | 556.1 | 543.7 | 531.2 | 519.8 | 509.0 |
| 10° | 676.9 | 657.1 | 637.3 | 618.2 | 599.1 | 582.0 | 564.9 | 550.2 | 535.5 | 521.3 | 509.8 |
| 12.5° | 696.8 | 675.1 | 653.2 | 631.6 | 610.0 | 589.8 | 569.6 | 553.0 | 536.4 | 521.5 | 510.9 |
| 15° | 708.9 | 686.1 | 663.5 | 640.0 | 616.5 | 593.3 | 570.0 | 550.8 | 531.6 | 515.2 | 506.6 |
| 17.5° | 715.7 | 692.7 | 669.6 | 644.0 | 618.4 | 591.4 | 564.5 | 541.3 | 518.2 | 498.9 | 493.5 |
| 20° | 723.1 | 699.3 | 675.4 | 647.2 | 619.0 | 586.3 | 553.6 | 525.0 | 496.3 | 473.8 | 472.4 |
| 22.5° | 731.8 | 707.5 | 683.0 | 651.4 | 619.8 | 580.0 | 540.3 | 505.7 | 471.3 | 445.7 | 448.3 |
| 25° | 743.0 | 719.0 | 695.2 | 659.1 | 623.0 | 573.8 | 524.8 | 484.3 | 443.9 | 417.7 | 425.1 |
| 27.5° | 758.2 | 735.4 | 712.6 | 671.1 | 629.6 | 569.7 | 509.8 | 464.7 | 419.6 | 395.6 | 404.7 |
| 30° | 778.7 | 756.7 | 734.6 | 686.5 | 638.6 | 567.7 | 496.9 | 448.3 | 399.7 | 379.7 | 386.7 |
| 32.5° | 802.9 | 781.0 | 759.2 | 702.7 | 646.4 | 565.4 | 484.3 | 434.2 | 384.1 | 367.9 | 371.0 |
| 35° | 832.2 | 811.3 | 790.4 | 721.3 | 652.1 | 560.9 | 469.7 | 420.4 | 371.0 | 357.5 | 356.2 |
| 37.5° | 881.7 | 855.1 | 828.4 | 741.9 | 655.5 | 553.1 | 450.8 | 404.0 | 357.2 | 345.4 | 340.7 |
| 40° | 956.4 | 917.6 | 878.7 | 768.1 | 657.6 | 542.4 | 427.3 | 384.5 | 341.6 | 331.0 | 323.7 |
| 42.5° | 1055.5 | 999.5 | 943.4 | 802.5 | 661.6 | 531.5 | 401.4 | 363.0 | 324.6 | 314.8 | 305.6 |
| 45° | 1177.8 | 1102.3 | 1026.6 | 847.7 | 668.8 | 521.3 | 373.8 | 340.1 | 306.5 | 296.5 | 287.6 |
| 47.5° | 1330.9 | 1224.5 | 1118.1 | 895.8 | 673.7 | 512.8 | 352.0 | 322.1 | 292.1 | 279.2 | 271.5 |
| 50° | 1531.5 | 1371.0 | 1210.5 | 940.5 | 670.5 | 503.7 | 336.8 | 310.1 | 283.3 | 266.3 | 257.5 |
| 52.5° | 1761.8 | 1525.0 | 1288.2 | 969.5 | 650.8 | 488.1 | 325.4 | 302.2 | 278.8 | 259.3 | 246.9 |
| 55° | 2007.0 | 1661.5 | 1316.1 | 963.2 | 610.2 | 462.4 | 314.7 | 296.4 | 278.2 | 260.0 | 241.3 |
| 57.5° | 2229.9 | 1758.3 | 1286.6 | 918.2 | 549.7 | 426.1 | 302.5 | 289.6 | 276.8 | 260.8 | 237.9 |
| 60° | 2364.7 | 1782.4 | 1200.2 | 834.5 | 468.6 | 379.0 | 289.4 | 279.2 | 269.1 | 258.5 | 234.8 |
| 62.5° | 2296.2 | 1680.6 | 1065.1 | 721.2 | 377.4 | 322.7 | 267.8 | 261.2 | 254.4 | 253.2 | 231.1 |
| 65° | 2159.3 | 1536.6 | 914.0 | 605.7 | 297.5 | 271.9 | 246.3 | 243.1 | 240.0 | 240.2 | 223.3 |
| 67.5° | 1975.7 | 1365.2 | 754.6 | 492.5 | 230.4 | 223.1 | 215.9 | 217.6 | 219.5 | 218.9 | 209.5 |
| 70° | 1755.3 | 1178.1 | 601.1 | 387.8 | 174.6 | 176.6 | 178.7 | 186.9 | 195.1 | 195.1 | 192.0 |
| 72.5° | 1492.5 | 975.4 | 458.3 | 296.4 | 134.6 | 140.8 | 147.2 | 158.8 | 170.5 | 172.4 | 172.5 |
| 75° | 1160.2 | 743.0 | 325.8 | 215.1 | 104.6 | 110.2 | 115.9 | 128.9 | 142.0 | 151.1 | 150.3 |
| 77.5° | 828.9 | 520.1 | 211.2 | 145.9 | 80.5 | 84.4 | 88.3 | 100.9 | 113.6 | 128.4 | 128.0 |
| 80° | 542.5 | 335.1 | 127.6 | 94.0 | 60.4 | 61.9 | 63.6 | 74.3 | 85.0 | 102.8 | 102.7 |
| 82.5° | 315.4 | 193.9 | 72.5 | 57.8 | 43.2 | 43.4 | 43.7 | 51.7 | 59.6 | 74.7 | 75.5 |
| 85° | 138.8 | 87.2 | 35.8 | 30.9 | 26.0 | 25.9 | 25.7 | 31.6 | 37.3 | 48.7 | 49.7 |
| 87.5° | 42.9 | 28.6 | 14.1 | 12.8 | 11.4 | 11.3 | 11.2 | 13.5 | 15.9 | 20.6 | 21.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

REPORT NUMBER: P959202
 CATALOG NUMBER: NVN-SB1A-722-U-SLR

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 |
| 2.5° | 511.4 | 507.6 | 504.1 | 500.7 | 497.6 | 494.7 | 491.6 | 488.6 | 486.3 | 483.9 | 482.0 |
| 5° | 503.5 | 496.2 | 490.2 | 484.0 | 478.7 | 473.3 | 468.5 | 463.6 | 459.9 | 456.1 | 453.5 |
| 7.5° | 499.4 | 489.7 | 481.7 | 473.8 | 467.1 | 460.3 | 454.4 | 448.4 | 443.9 | 439.5 | 436.4 |
| 10° | 499.7 | 489.5 | 481.5 | 473.6 | 466.3 | 459.0 | 452.3 | 445.7 | 440.3 | 435.0 | 431.5 |
| 12.5° | 502.6 | 494.3 | 488.9 | 483.7 | 478.0 | 472.2 | 465.4 | 458.4 | 451.6 | 444.8 | 440.3 |
| 15° | 502.6 | 498.7 | 499.4 | 500.1 | 498.6 | 497.1 | 491.1 | 485.1 | 475.4 | 465.8 | 458.9 |
| 17.5° | 495.1 | 496.5 | 505.2 | 513.9 | 518.5 | 523.2 | 518.3 | 513.4 | 500.6 | 487.9 | 477.8 |
| 20° | 479.2 | 486.0 | 501.1 | 516.3 | 525.9 | 535.7 | 533.4 | 531.2 | 516.5 | 501.8 | 489.5 |
| 22.5° | 458.4 | 468.4 | 485.7 | 503.1 | 515.7 | 528.3 | 529.6 | 530.9 | 517.0 | 503.0 | 490.3 |
| 25° | 436.6 | 448.2 | 463.7 | 479.3 | 491.7 | 504.1 | 508.7 | 513.3 | 501.9 | 490.5 | 479.2 |
| 27.5° | 415.8 | 427.0 | 439.8 | 452.5 | 462.5 | 472.4 | 477.6 | 482.8 | 474.6 | 466.5 | 457.7 |
| 30° | 395.6 | 404.6 | 415.1 | 425.7 | 434.0 | 442.3 | 446.4 | 450.6 | 444.4 | 438.2 | 431.9 |
| 32.5° | 376.3 | 381.6 | 390.0 | 398.5 | 406.4 | 414.3 | 419.0 | 423.6 | 417.9 | 412.3 | 407.2 |
| 35° | 357.6 | 359.2 | 365.6 | 372.0 | 379.9 | 387.7 | 393.3 | 398.9 | 394.8 | 390.7 | 386.1 |
| 37.5° | 339.1 | 337.5 | 342.1 | 346.8 | 354.5 | 362.3 | 369.3 | 376.2 | 374.3 | 372.5 | 368.2 |
| 40° | 320.0 | 316.4 | 319.8 | 323.1 | 330.7 | 338.2 | 346.1 | 354.1 | 354.5 | 355.1 | 351.4 |
| 42.5° | 300.7 | 296.0 | 298.7 | 301.5 | 308.6 | 315.8 | 324.3 | 332.9 | 335.3 | 337.5 | 334.5 |
| 45° | 282.9 | 278.3 | 280.5 | 282.9 | 289.7 | 296.4 | 305.3 | 314.3 | 317.5 | 320.8 | 318.1 |
| 47.5° | 267.6 | 263.7 | 265.9 | 268.0 | 274.7 | 281.3 | 290.1 | 298.9 | 302.7 | 306.5 | 304.5 |
| 50° | 254.0 | 250.5 | 253.9 | 257.3 | 263.5 | 269.8 | 277.7 | 285.5 | 290.4 | 295.3 | 295.1 |
| 52.5° | 243.4 | 240.1 | 245.1 | 250.1 | 255.9 | 261.6 | 269.0 | 276.3 | 282.1 | 287.8 | 288.9 |
| 55° | 235.9 | 230.4 | 237.6 | 244.8 | 251.0 | 257.2 | 263.6 | 270.0 | 276.1 | 282.3 | 283.7 |
| 57.5° | 230.0 | 222.1 | 229.8 | 237.6 | 244.9 | 252.0 | 258.4 | 264.9 | 271.0 | 277.2 | 278.6 |
| 60° | 224.6 | 214.2 | 221.1 | 227.8 | 236.2 | 244.5 | 250.9 | 257.5 | 263.6 | 269.8 | 271.4 |
| 62.5° | 218.3 | 205.5 | 209.8 | 214.1 | 223.8 | 233.6 | 240.5 | 247.3 | 253.0 | 258.7 | 260.2 |
| 65° | 209.7 | 196.1 | 197.7 | 199.4 | 209.8 | 220.3 | 226.8 | 233.5 | 238.4 | 243.4 | 245.0 |
| 67.5° | 198.2 | 186.9 | 186.3 | 185.8 | 195.5 | 205.1 | 211.4 | 217.6 | 221.9 | 226.2 | 227.8 |
| 70° | 183.9 | 175.9 | 174.0 | 172.3 | 180.7 | 189.2 | 194.6 | 200.0 | 203.9 | 207.8 | 209.3 |
| 72.5° | 167.0 | 161.4 | 158.8 | 156.1 | 162.8 | 169.4 | 174.4 | 179.2 | 183.1 | 186.9 | 188.6 |
| 75° | 146.1 | 141.8 | 139.2 | 136.7 | 141.7 | 146.6 | 151.0 | 155.4 | 158.9 | 162.4 | 164.2 |
| 77.5° | 124.6 | 121.3 | 118.7 | 116.1 | 120.1 | 124.1 | 127.9 | 131.7 | 135.4 | 139.1 | 140.7 |
| 80° | 99.8 | 97.0 | 94.8 | 92.7 | 96.0 | 99.4 | 102.6 | 105.8 | 108.5 | 111.3 | 113.6 |
| 82.5° | 74.2 | 72.8 | 71.2 | 69.7 | 69.5 | 69.2 | 68.1 | 66.9 | 72.9 | 78.7 | 82.6 |
| 85° | 48.3 | 46.7 | 45.1 | 43.4 | 41.9 | 40.5 | 37.3 | 34.2 | 39.8 | 45.3 | 50.1 |
| 87.5° | 21.4 | 20.8 | 20.5 | 20.1 | 20.1 | 20.0 | 17.6 | 15.3 | 17.6 | 20.0 | 21.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

REPORT NUMBER: P959202
 CATALOG NUMBER: NVN-SB1A-722-U-SLR

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 |
| 2.5° | 480.1 | 478.6 | 477.1 | 475.8 | 474.4 | 472.7 | 474.4 | 475.8 | 477.1 | 478.6 | 480.1 |
| 5° | 450.9 | 449.1 | 447.2 | 445.8 | 444.3 | 442.9 | 444.3 | 445.8 | 447.2 | 449.1 | 450.9 |
| 7.5° | 433.3 | 431.2 | 429.1 | 427.7 | 426.5 | 425.6 | 426.5 | 427.7 | 429.1 | 431.2 | 433.3 |
| 10° | 428.0 | 426.0 | 423.9 | 422.9 | 421.8 | 421.4 | 421.8 | 422.9 | 423.9 | 426.0 | 428.0 |
| 12.5° | 435.8 | 433.6 | 431.3 | 430.4 | 429.5 | 429.4 | 429.5 | 430.4 | 431.3 | 433.6 | 435.8 |
| 15° | 452.1 | 449.0 | 445.9 | 444.6 | 443.4 | 443.3 | 443.4 | 444.6 | 445.9 | 449.0 | 452.1 |
| 17.5° | 467.7 | 463.1 | 458.4 | 456.9 | 455.4 | 455.1 | 455.4 | 456.9 | 458.4 | 463.1 | 467.7 |
| 20° | 477.2 | 471.3 | 465.4 | 463.4 | 461.6 | 460.9 | 461.6 | 463.4 | 465.4 | 471.3 | 477.2 |
| 22.5° | 477.5 | 471.3 | 465.0 | 462.9 | 460.8 | 459.9 | 460.8 | 462.9 | 465.0 | 471.3 | 477.5 |
| 25° | 467.9 | 462.5 | 457.0 | 455.0 | 453.0 | 451.9 | 453.0 | 455.0 | 457.0 | 462.5 | 467.9 |
| 27.5° | 449.0 | 445.3 | 441.7 | 440.7 | 439.8 | 439.5 | 439.8 | 440.7 | 441.7 | 445.3 | 449.0 |
| 30° | 425.6 | 423.7 | 421.9 | 421.9 | 421.9 | 422.2 | 421.9 | 421.9 | 421.9 | 423.7 | 425.6 |
| 32.5° | 402.2 | 401.0 | 399.7 | 399.9 | 400.1 | 400.4 | 400.1 | 399.9 | 399.7 | 401.0 | 402.2 |
| 35° | 381.5 | 379.7 | 377.8 | 377.4 | 377.0 | 376.8 | 377.0 | 377.4 | 377.8 | 379.7 | 381.5 |
| 37.5° | 363.9 | 360.5 | 357.2 | 355.4 | 353.6 | 352.6 | 353.6 | 355.4 | 357.2 | 360.5 | 363.9 |
| 40° | 347.8 | 342.9 | 338.0 | 334.7 | 331.4 | 329.4 | 331.4 | 334.7 | 338.0 | 342.9 | 347.8 |
| 42.5° | 331.5 | 325.3 | 319.3 | 314.5 | 309.7 | 306.5 | 309.7 | 314.5 | 319.3 | 325.3 | 331.5 |
| 45° | 315.4 | 308.4 | 301.5 | 295.8 | 290.2 | 286.5 | 290.2 | 295.8 | 301.5 | 308.4 | 315.4 |
| 47.5° | 302.7 | 296.4 | 290.3 | 285.1 | 279.8 | 276.3 | 279.8 | 285.1 | 290.3 | 296.4 | 302.7 |
| 50° | 295.1 | 290.1 | 285.2 | 280.3 | 275.5 | 272.1 | 275.5 | 280.3 | 285.2 | 290.1 | 295.1 |
| 52.5° | 290.0 | 285.9 | 281.9 | 277.6 | 273.3 | 270.1 | 273.3 | 277.6 | 281.9 | 285.9 | 290.0 |
| 55° | 285.2 | 281.7 | 278.1 | 274.3 | 270.5 | 267.7 | 270.5 | 274.3 | 278.1 | 281.7 | 285.2 |
| 57.5° | 280.0 | 276.5 | 273.0 | 269.2 | 265.4 | 262.5 | 265.4 | 269.2 | 273.0 | 276.5 | 280.0 |
| 60° | 273.1 | 269.6 | 266.1 | 262.2 | 258.3 | 255.3 | 258.3 | 262.2 | 266.1 | 269.6 | 273.1 |
| 62.5° | 261.8 | 258.6 | 255.5 | 251.4 | 247.3 | 243.7 | 247.3 | 251.4 | 255.5 | 258.6 | 261.8 |
| 65° | 246.6 | 243.5 | 240.6 | 236.6 | 232.7 | 229.6 | 232.7 | 236.6 | 240.6 | 243.5 | 246.6 |
| 67.5° | 229.3 | 226.5 | 223.8 | 220.1 | 216.4 | 213.6 | 216.4 | 220.1 | 223.8 | 226.5 | 229.3 |
| 70° | 210.7 | 208.5 | 206.2 | 202.7 | 199.2 | 196.0 | 199.2 | 202.7 | 206.2 | 208.5 | 210.7 |
| 72.5° | 190.3 | 188.5 | 186.7 | 183.3 | 179.9 | 176.8 | 179.9 | 183.3 | 186.7 | 188.5 | 190.3 |
| 75° | 166.0 | 165.1 | 164.2 | 161.4 | 158.6 | 155.6 | 158.6 | 161.4 | 164.2 | 165.1 | 166.0 |
| 77.5° | 142.5 | 141.2 | 139.9 | 137.0 | 134.2 | 131.8 | 134.2 | 137.0 | 139.9 | 141.2 | 142.5 |
| 80° | 115.9 | 115.3 | 114.8 | 111.0 | 107.1 | 102.7 | 107.1 | 111.0 | 114.8 | 115.3 | 115.9 |
| 82.5° | 86.5 | 86.3 | 86.0 | 82.8 | 79.5 | 76.7 | 79.5 | 82.8 | 86.0 | 86.3 | 86.5 |
| 85° | 54.9 | 54.5 | 54.1 | 51.7 | 49.1 | 46.5 | 49.1 | 51.7 | 54.1 | 54.5 | 54.9 |
| 87.5° | 23.8 | 23.4 | 22.9 | 21.5 | 20.2 | 19.0 | 20.2 | 21.5 | 22.9 | 23.4 | 23.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

REPORT NUMBER: P959202
 CATALOG NUMBER: NVN-SB1A-722-U-SLR

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 |
| 2.5° | 482.0 | 483.9 | 486.3 | 488.6 | 491.6 | 494.7 | 497.6 | 500.7 | 504.1 | 507.6 | 511.4 |
| 5° | 453.5 | 456.1 | 459.9 | 463.6 | 468.5 | 473.3 | 478.7 | 484.0 | 490.2 | 496.2 | 503.5 |
| 7.5° | 436.4 | 439.5 | 443.9 | 448.4 | 454.4 | 460.3 | 467.1 | 473.8 | 481.7 | 489.7 | 499.4 |
| 10° | 431.5 | 435.0 | 440.3 | 445.7 | 452.3 | 459.0 | 466.3 | 473.6 | 481.5 | 489.5 | 499.7 |
| 12.5° | 440.3 | 444.8 | 451.6 | 458.4 | 465.4 | 472.2 | 478.0 | 483.7 | 488.9 | 494.3 | 502.6 |
| 15° | 458.9 | 465.8 | 475.4 | 485.1 | 491.1 | 497.1 | 498.6 | 500.1 | 499.4 | 498.7 | 502.6 |
| 17.5° | 477.8 | 487.9 | 500.6 | 513.4 | 518.3 | 523.2 | 518.5 | 513.9 | 505.2 | 496.5 | 495.1 |
| 20° | 489.5 | 501.8 | 516.5 | 531.2 | 533.4 | 535.7 | 525.9 | 516.3 | 501.1 | 486.0 | 479.2 |
| 22.5° | 490.3 | 503.0 | 517.0 | 530.9 | 529.6 | 528.3 | 515.7 | 503.1 | 485.7 | 468.4 | 458.4 |
| 25° | 479.2 | 490.5 | 501.9 | 513.3 | 508.7 | 504.1 | 491.7 | 479.3 | 463.7 | 448.2 | 436.6 |
| 27.5° | 457.7 | 466.5 | 474.6 | 482.8 | 477.6 | 472.4 | 462.5 | 452.5 | 439.8 | 427.0 | 415.8 |
| 30° | 431.9 | 438.2 | 444.4 | 450.6 | 446.4 | 442.3 | 434.0 | 425.7 | 415.1 | 404.6 | 395.6 |
| 32.5° | 407.2 | 412.3 | 417.9 | 423.6 | 419.0 | 414.3 | 406.4 | 398.5 | 390.0 | 381.6 | 376.3 |
| 35° | 386.1 | 390.7 | 394.8 | 398.9 | 393.3 | 387.7 | 379.9 | 372.0 | 365.6 | 359.2 | 357.6 |
| 37.5° | 368.2 | 372.5 | 374.3 | 376.2 | 369.3 | 362.3 | 354.5 | 346.8 | 342.1 | 337.5 | 339.1 |
| 40° | 351.4 | 355.1 | 354.5 | 354.1 | 346.1 | 338.2 | 330.7 | 323.1 | 319.8 | 316.4 | 320.0 |
| 42.5° | 334.5 | 337.5 | 335.3 | 332.9 | 324.3 | 315.8 | 308.6 | 301.5 | 298.7 | 296.0 | 300.7 |
| 45° | 318.1 | 320.8 | 317.5 | 314.3 | 305.3 | 296.4 | 289.7 | 282.9 | 280.5 | 278.3 | 282.9 |
| 47.5° | 304.5 | 306.5 | 302.7 | 298.9 | 290.1 | 281.3 | 274.7 | 268.0 | 265.9 | 263.7 | 267.6 |
| 50° | 295.1 | 295.3 | 290.4 | 285.5 | 277.7 | 269.8 | 263.5 | 257.3 | 253.9 | 250.5 | 254.0 |
| 52.5° | 288.9 | 287.8 | 282.1 | 276.3 | 269.0 | 261.6 | 255.9 | 250.1 | 245.1 | 240.1 | 243.4 |
| 55° | 283.7 | 282.3 | 276.1 | 270.0 | 263.6 | 257.2 | 251.0 | 244.8 | 237.6 | 230.4 | 235.9 |
| 57.5° | 278.6 | 277.2 | 271.0 | 264.9 | 258.4 | 252.0 | 244.9 | 237.6 | 229.8 | 222.1 | 230.0 |
| 60° | 271.4 | 269.8 | 263.6 | 257.5 | 250.9 | 244.5 | 236.2 | 227.8 | 221.1 | 214.2 | 224.6 |
| 62.5° | 260.2 | 258.7 | 253.0 | 247.3 | 240.5 | 233.6 | 223.8 | 214.1 | 209.8 | 205.5 | 218.3 |
| 65° | 245.0 | 243.4 | 238.4 | 233.5 | 226.8 | 220.3 | 209.8 | 199.4 | 197.7 | 196.1 | 209.7 |
| 67.5° | 227.8 | 226.2 | 221.9 | 217.6 | 211.4 | 205.1 | 195.5 | 185.8 | 186.3 | 186.9 | 198.2 |
| 70° | 209.3 | 207.8 | 203.9 | 200.0 | 194.6 | 189.2 | 180.7 | 172.3 | 174.0 | 175.9 | 183.9 |
| 72.5° | 188.6 | 186.9 | 183.1 | 179.2 | 174.4 | 169.4 | 162.8 | 156.1 | 158.8 | 161.4 | 167.0 |
| 75° | 164.2 | 162.4 | 158.9 | 155.4 | 151.0 | 146.6 | 141.7 | 136.7 | 139.2 | 141.8 | 146.1 |
| 77.5° | 140.7 | 139.1 | 135.4 | 131.7 | 127.9 | 124.1 | 120.1 | 116.1 | 118.7 | 121.3 | 124.6 |
| 80° | 113.6 | 111.3 | 108.5 | 105.8 | 102.6 | 99.4 | 96.0 | 92.7 | 94.8 | 97.0 | 99.8 |
| 82.5° | 82.6 | 78.7 | 72.9 | 66.9 | 68.1 | 69.2 | 69.5 | 69.7 | 71.2 | 72.8 | 74.2 |
| 85° | 50.1 | 45.3 | 39.8 | 34.2 | 37.3 | 40.5 | 41.9 | 43.4 | 45.1 | 46.7 | 48.3 |
| 87.5° | 21.8 | 20.0 | 17.6 | 15.3 | 17.6 | 20.0 | 20.1 | 20.1 | 20.5 | 20.8 | 21.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

REPORT NUMBER: P959202
 CATALOG NUMBER: NVN-SB1A-722-U-SLR

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 0° | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 |
| 2.5° | 515.3 | 520.0 | 524.2 | 528.6 | 533.0 | 537.6 | 542.2 | 546.7 | 551.3 | 555.7 | 560.0 |
| 5° | 510.7 | 519.0 | 527.4 | 536.3 | 545.1 | 554.6 | 564.2 | 573.6 | 583.1 | 592.6 | 602.1 |
| 7.5° | 509.0 | 519.8 | 531.2 | 543.7 | 556.1 | 570.1 | 584.1 | 598.7 | 613.2 | 628.7 | 644.4 |
| 10° | 509.8 | 521.3 | 535.5 | 550.2 | 564.9 | 582.0 | 599.1 | 618.2 | 637.3 | 657.1 | 676.9 |
| 12.5° | 510.9 | 521.5 | 536.4 | 553.0 | 569.6 | 589.8 | 610.0 | 631.6 | 653.2 | 675.1 | 696.8 |
| 15° | 506.6 | 515.2 | 531.6 | 550.8 | 570.0 | 593.3 | 616.5 | 640.0 | 663.5 | 686.1 | 708.9 |
| 17.5° | 493.5 | 498.9 | 518.2 | 541.3 | 564.5 | 591.4 | 618.4 | 644.0 | 669.6 | 692.7 | 715.7 |
| 20° | 472.4 | 473.8 | 496.3 | 525.0 | 553.6 | 586.3 | 619.0 | 647.2 | 675.4 | 699.3 | 723.1 |
| 22.5° | 448.3 | 445.7 | 471.3 | 505.7 | 540.3 | 580.0 | 619.8 | 651.4 | 683.0 | 707.5 | 731.8 |
| 25° | 425.1 | 417.7 | 443.9 | 484.3 | 524.8 | 573.8 | 623.0 | 659.1 | 695.2 | 719.0 | 743.0 |
| 27.5° | 404.7 | 395.6 | 419.6 | 464.7 | 509.8 | 569.7 | 629.6 | 671.1 | 712.6 | 735.4 | 758.2 |
| 30° | 386.7 | 379.7 | 399.7 | 448.3 | 496.9 | 567.7 | 638.6 | 686.5 | 734.6 | 756.7 | 778.7 |
| 32.5° | 371.0 | 367.9 | 384.1 | 434.2 | 484.3 | 565.4 | 646.4 | 702.7 | 759.2 | 781.0 | 802.9 |
| 35° | 356.2 | 357.5 | 371.0 | 420.4 | 469.7 | 560.9 | 652.1 | 721.3 | 790.4 | 811.3 | 832.2 |
| 37.5° | 340.7 | 345.4 | 357.2 | 404.0 | 450.8 | 553.1 | 655.5 | 741.9 | 828.4 | 855.1 | 881.7 |
| 40° | 323.7 | 331.0 | 341.6 | 384.5 | 427.3 | 542.4 | 657.6 | 768.1 | 878.7 | 917.6 | 956.4 |
| 42.5° | 305.6 | 314.8 | 324.6 | 363.0 | 401.4 | 531.5 | 661.6 | 802.5 | 943.4 | 999.5 | 1055.5 |
| 45° | 287.6 | 296.5 | 306.5 | 340.1 | 373.8 | 521.3 | 668.8 | 847.7 | 1026.6 | 1102.3 | 1177.8 |
| 47.5° | 271.5 | 279.2 | 292.1 | 322.1 | 352.0 | 512.8 | 673.7 | 895.8 | 1118.1 | 1224.5 | 1330.9 |
| 50° | 257.5 | 266.3 | 283.3 | 310.1 | 336.8 | 503.7 | 670.5 | 940.5 | 1210.5 | 1371.0 | 1531.5 |
| 52.5° | 246.9 | 259.3 | 278.8 | 302.2 | 325.4 | 488.1 | 650.8 | 969.5 | 1288.2 | 1525.0 | 1761.8 |
| 55° | 241.3 | 260.0 | 278.2 | 296.4 | 314.7 | 462.4 | 610.2 | 963.2 | 1316.1 | 1661.5 | 2007.0 |
| 57.5° | 237.9 | 260.8 | 276.8 | 289.6 | 302.5 | 426.1 | 549.7 | 918.2 | 1286.6 | 1758.3 | 2229.9 |
| 60° | 234.8 | 258.5 | 269.1 | 279.2 | 289.4 | 379.0 | 468.6 | 834.5 | 1200.2 | 1782.4 | 2364.7 |
| 62.5° | 231.1 | 253.2 | 254.4 | 261.2 | 267.8 | 322.7 | 377.4 | 721.2 | 1065.1 | 1680.6 | 2296.2 |
| 65° | 223.3 | 240.2 | 240.0 | 243.1 | 246.3 | 271.9 | 297.5 | 605.7 | 914.0 | 1536.6 | 2159.3 |
| 67.5° | 209.5 | 218.9 | 219.5 | 217.6 | 215.9 | 223.1 | 230.4 | 492.5 | 754.6 | 1365.2 | 1975.7 |
| 70° | 192.0 | 195.1 | 195.1 | 186.9 | 178.7 | 176.6 | 174.6 | 387.8 | 601.1 | 1178.1 | 1755.3 |
| 72.5° | 172.5 | 172.4 | 170.5 | 158.8 | 147.2 | 140.8 | 134.6 | 296.4 | 458.3 | 975.4 | 1492.5 |
| 75° | 150.3 | 151.1 | 142.0 | 128.9 | 115.9 | 110.2 | 104.6 | 215.1 | 325.8 | 743.0 | 1160.2 |
| 77.5° | 128.0 | 128.4 | 113.6 | 100.9 | 88.3 | 84.4 | 80.5 | 145.9 | 211.2 | 520.1 | 828.9 |
| 80° | 102.7 | 102.8 | 85.0 | 74.3 | 63.6 | 61.9 | 60.4 | 94.0 | 127.6 | 335.1 | 542.5 |
| 82.5° | 75.5 | 74.7 | 59.6 | 51.7 | 43.7 | 43.4 | 43.2 | 57.8 | 72.5 | 193.9 | 315.4 |
| 85° | 49.7 | 48.7 | 37.3 | 31.6 | 25.7 | 25.9 | 26.0 | 30.9 | 35.8 | 87.2 | 138.8 |
| 87.5° | 21.9 | 20.6 | 15.9 | 13.5 | 11.2 | 11.3 | 11.4 | 12.8 | 14.1 | 28.6 | 42.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

REPORT NUMBER: P959202
 CATALOG NUMBER: NVN-SB1A-722-U-SLR

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 |
| 2.5° | 562.0 | 564.2 | 567.2 | 570.2 | 572.1 | 573.8 | 574.7 | 575.6 | 575.2 | 575.6 | 574.7 |
| 5° | 609.5 | 616.9 | 624.2 | 631.6 | 635.6 | 639.6 | 642.1 | 644.5 | 646.4 | 644.5 | 642.1 |
| 7.5° | 656.5 | 668.5 | 679.4 | 690.2 | 696.8 | 703.4 | 706.8 | 710.3 | 712.1 | 710.3 | 706.8 |
| 10° | 691.2 | 705.4 | 718.1 | 730.8 | 738.6 | 746.3 | 749.7 | 753.1 | 754.4 | 753.1 | 749.7 |
| 12.5° | 712.3 | 727.6 | 739.2 | 750.6 | 756.2 | 761.9 | 763.7 | 765.6 | 765.8 | 765.6 | 763.7 |
| 15° | 722.2 | 735.5 | 742.7 | 750.0 | 750.2 | 750.4 | 748.4 | 746.4 | 744.0 | 746.4 | 748.4 |
| 17.5° | 724.7 | 733.7 | 733.8 | 733.9 | 725.8 | 717.7 | 710.3 | 702.9 | 697.7 | 702.9 | 710.3 |
| 20° | 726.3 | 729.4 | 720.0 | 710.4 | 692.6 | 674.8 | 661.7 | 648.7 | 640.7 | 648.7 | 661.7 |
| 22.5° | 727.7 | 723.6 | 704.0 | 684.3 | 658.0 | 631.7 | 615.5 | 599.2 | 590.4 | 599.2 | 615.5 |
| 25° | 730.0 | 717.1 | 687.2 | 657.3 | 625.5 | 593.6 | 576.5 | 559.3 | 551.0 | 559.3 | 576.5 |
| 27.5° | 735.0 | 711.8 | 672.2 | 632.7 | 597.4 | 562.0 | 545.2 | 528.4 | 520.5 | 528.4 | 545.2 |
| 30° | 744.0 | 709.5 | 660.8 | 612.1 | 575.2 | 538.4 | 522.9 | 507.3 | 499.9 | 507.3 | 522.9 |
| 32.5° | 755.4 | 708.1 | 653.0 | 598.0 | 563.3 | 528.7 | 516.4 | 504.2 | 498.9 | 504.2 | 516.4 |
| 35° | 774.2 | 716.2 | 658.9 | 601.5 | 577.4 | 553.4 | 550.5 | 547.7 | 547.2 | 547.7 | 550.5 |
| 37.5° | 813.4 | 745.2 | 693.0 | 640.9 | 639.3 | 637.8 | 650.9 | 663.9 | 670.7 | 663.9 | 650.9 |
| 40° | 882.2 | 807.9 | 769.2 | 730.4 | 757.8 | 785.2 | 816.9 | 848.7 | 864.5 | 848.7 | 816.9 |
| 42.5° | 981.8 | 908.3 | 885.9 | 863.6 | 923.2 | 983.0 | 1040.7 | 1098.5 | 1132.4 | 1098.5 | 1040.7 |
| 45° | 1111.7 | 1045.5 | 1035.7 | 1025.8 | 1121.5 | 1217.1 | 1312.1 | 1407.0 | 1464.6 | 1407.0 | 1312.1 |
| 47.5° | 1266.6 | 1202.2 | 1200.2 | 1198.2 | 1336.2 | 1474.1 | 1613.1 | 1752.0 | 1833.7 | 1752.0 | 1613.1 |
| 50° | 1452.0 | 1372.5 | 1372.9 | 1373.2 | 1551.0 | 1728.9 | 1912.3 | 2095.8 | 2206.7 | 2095.8 | 1912.3 |
| 52.5° | 1665.5 | 1569.3 | 1559.5 | 1549.8 | 1762.2 | 1974.6 | 2201.6 | 2428.5 | 2561.5 | 2428.5 | 2201.6 |
| 55° | 1911.8 | 1816.7 | 1778.8 | 1740.9 | 1977.2 | 2213.6 | 2484.2 | 2754.8 | 2912.9 | 2754.8 | 2484.2 |
| 57.5° | 2178.1 | 2126.3 | 2050.2 | 1974.0 | 2212.8 | 2451.5 | 2758.0 | 3064.5 | 3260.6 | 3064.5 | 2758.0 |
| 60° | 2445.0 | 2525.5 | 2431.0 | 2336.5 | 2562.4 | 2788.3 | 3116.5 | 3444.6 | 3656.6 | 3444.6 | 3116.5 |
| 62.5° | 2516.0 | 2735.8 | 2725.2 | 2714.5 | 2921.4 | 3128.3 | 3440.5 | 3752.7 | 3948.7 | 3752.7 | 3440.5 |
| 65° | 2365.5 | 2571.8 | 2612.6 | 2653.4 | 2916.4 | 3179.3 | 3482.1 | 3784.9 | 3951.7 | 3784.9 | 3482.1 |
| 67.5° | 2172.0 | 2368.2 | 2387.2 | 2406.4 | 2680.4 | 2954.4 | 3258.4 | 3562.5 | 3693.2 | 3562.5 | 3258.4 |
| 70° | 1968.6 | 2182.1 | 2190.6 | 2199.2 | 2444.2 | 2689.2 | 2950.9 | 3212.6 | 3285.1 | 3212.6 | 2950.9 |
| 72.5° | 1737.4 | 1982.4 | 1988.5 | 1994.6 | 2186.3 | 2378.0 | 2574.0 | 2770.0 | 2777.3 | 2770.0 | 2574.0 |
| 75° | 1413.7 | 1667.1 | 1689.8 | 1712.6 | 1861.7 | 2010.9 | 2148.8 | 2286.8 | 2249.9 | 2286.8 | 2148.8 |
| 77.5° | 1065.5 | 1302.2 | 1334.8 | 1367.2 | 1480.6 | 1594.1 | 1691.9 | 1789.8 | 1726.2 | 1789.8 | 1691.9 |
| 80° | 741.6 | 940.6 | 981.1 | 1021.6 | 1107.2 | 1192.8 | 1244.1 | 1295.5 | 1193.3 | 1295.5 | 1244.1 |
| 82.5° | 451.4 | 587.5 | 632.7 | 678.0 | 737.0 | 795.9 | 817.3 | 838.8 | 758.4 | 838.8 | 817.3 |
| 85° | 210.9 | 283.2 | 321.6 | 360.1 | 408.6 | 456.9 | 469.1 | 481.3 | 417.0 | 481.3 | 469.1 |
| 87.5° | 67.2 | 91.5 | 113.0 | 134.4 | 158.7 | 182.9 | 183.9 | 184.9 | 155.3 | 184.9 | 183.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

REPORT NUMBER: P959202
 CATALOG NUMBER: NVN-SB1A-722-U-SLR

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 | 520.7 |
| 2.5° | 573.8 | 572.1 | 570.2 | 567.2 | 564.2 | 562.0 | 560.0 |
| 5° | 639.6 | 635.6 | 631.6 | 624.2 | 616.9 | 609.5 | 602.1 |
| 7.5° | 703.4 | 696.8 | 690.2 | 679.4 | 668.5 | 656.5 | 644.4 |
| 10° | 746.3 | 738.6 | 730.8 | 718.1 | 705.4 | 691.2 | 676.9 |
| 12.5° | 761.9 | 756.2 | 750.6 | 739.2 | 727.6 | 712.3 | 696.8 |
| 15° | 750.4 | 750.2 | 750.0 | 742.7 | 735.5 | 722.2 | 708.9 |
| 17.5° | 717.7 | 725.8 | 733.9 | 733.8 | 733.7 | 724.7 | 715.7 |
| 20° | 674.8 | 692.6 | 710.4 | 720.0 | 729.4 | 726.3 | 723.1 |
| 22.5° | 631.7 | 658.0 | 684.3 | 704.0 | 723.6 | 727.7 | 731.8 |
| 25° | 593.6 | 625.5 | 657.3 | 687.2 | 717.1 | 730.0 | 743.0 |
| 27.5° | 562.0 | 597.4 | 632.7 | 672.2 | 711.8 | 735.0 | 758.2 |
| 30° | 538.4 | 575.2 | 612.1 | 660.8 | 709.5 | 744.0 | 778.7 |
| 32.5° | 528.7 | 563.3 | 598.0 | 653.0 | 708.1 | 755.4 | 802.9 |
| 35° | 553.4 | 577.4 | 601.5 | 658.9 | 716.2 | 774.2 | 832.2 |
| 37.5° | 637.8 | 639.3 | 640.9 | 693.0 | 745.2 | 813.4 | 881.7 |
| 40° | 785.2 | 757.8 | 730.4 | 769.2 | 807.9 | 882.2 | 956.4 |
| 42.5° | 983.0 | 923.2 | 863.6 | 885.9 | 908.3 | 981.8 | 1055.5 |
| 45° | 1217.1 | 1121.5 | 1025.8 | 1035.7 | 1045.5 | 1111.7 | 1177.8 |
| 47.5° | 1474.1 | 1336.2 | 1198.2 | 1200.2 | 1202.2 | 1266.6 | 1330.9 |
| 50° | 1728.9 | 1551.0 | 1373.2 | 1372.9 | 1372.5 | 1452.0 | 1531.5 |
| 52.5° | 1974.6 | 1762.2 | 1549.8 | 1559.5 | 1569.3 | 1665.5 | 1761.8 |
| 55° | 2213.6 | 1977.2 | 1740.9 | 1778.8 | 1816.7 | 1911.8 | 2007.0 |
| 57.5° | 2451.5 | 2212.8 | 1974.0 | 2050.2 | 2126.3 | 2178.1 | 2229.9 |
| 60° | 2788.3 | 2562.4 | 2336.5 | 2431.0 | 2525.5 | 2445.0 | 2364.7 |
| 62.5° | 3128.3 | 2921.4 | 2714.5 | 2725.2 | 2735.8 | 2516.0 | 2296.2 |
| 65° | 3179.3 | 2916.4 | 2653.4 | 2612.6 | 2571.8 | 2365.5 | 2159.3 |
| 67.5° | 2954.4 | 2680.4 | 2406.4 | 2387.2 | 2368.2 | 2172.0 | 1975.7 |
| 70° | 2689.2 | 2444.2 | 2199.2 | 2190.6 | 2182.1 | 1968.6 | 1755.3 |
| 72.5° | 2378.0 | 2186.3 | 1994.6 | 1988.5 | 1982.4 | 1737.4 | 1492.5 |
| 75° | 2010.9 | 1861.7 | 1712.6 | 1689.8 | 1667.1 | 1413.7 | 1160.2 |
| 77.5° | 1594.1 | 1480.6 | 1367.2 | 1334.8 | 1302.2 | 1065.5 | 828.9 |
| 80° | 1192.8 | 1107.2 | 1021.6 | 981.1 | 940.6 | 741.6 | 542.5 |
| 82.5° | 795.9 | 737.0 | 678.0 | 632.7 | 587.5 | 451.4 | 315.4 |
| 85° | 456.9 | 408.6 | 360.1 | 321.6 | 283.2 | 210.9 | 138.8 |
| 87.5° | 182.9 | 158.7 | 134.4 | 113.0 | 91.5 | 67.2 | 42.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)