

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: P959233

Luminaire Tested: **NVN-SB1A-727-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P959233
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-727-U-SLR
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 2700K, 350mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4250.7 lumens
Efficiency: N/A
Efficacy: 137.6 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

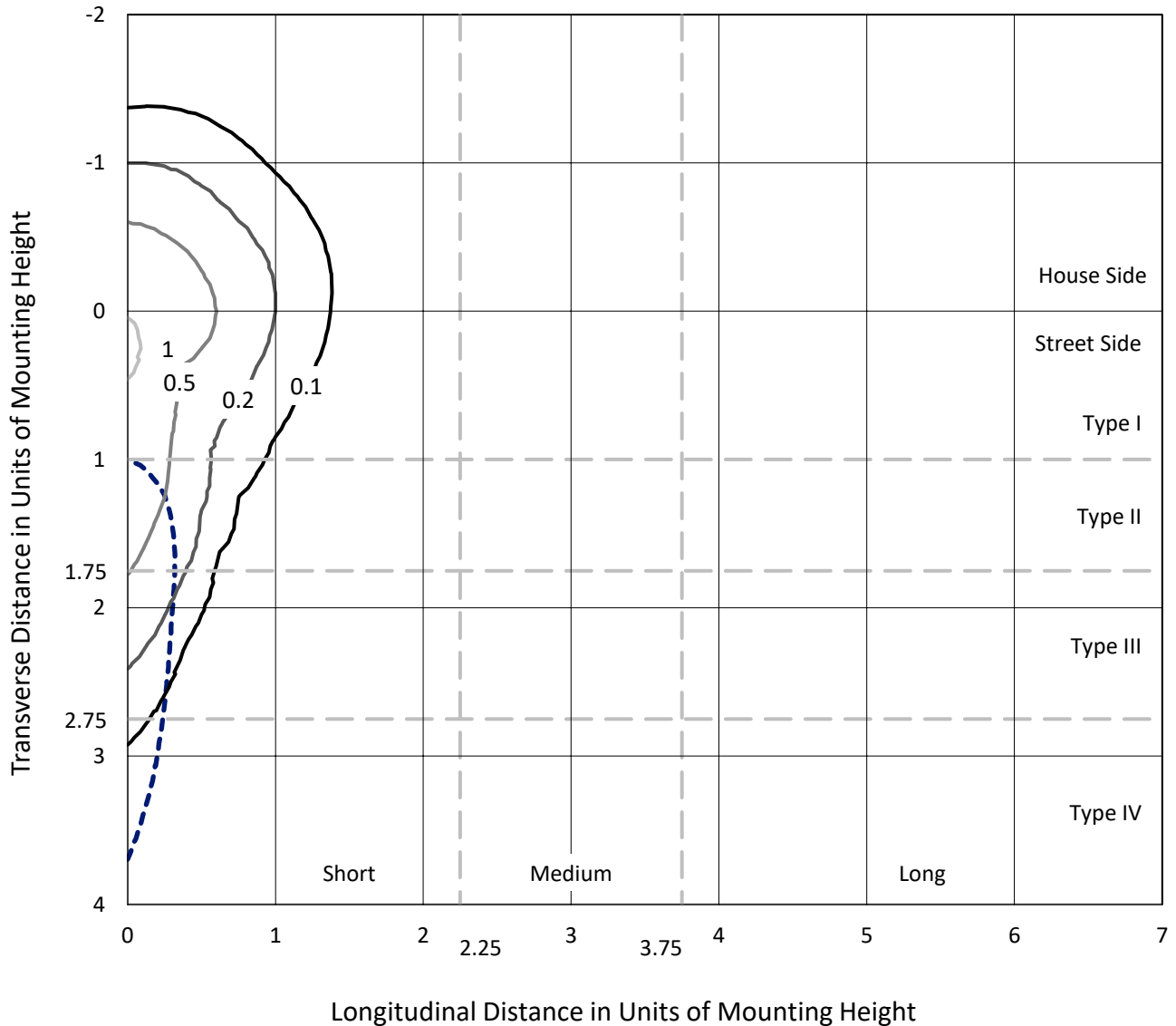
Input Watts (W): 30.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

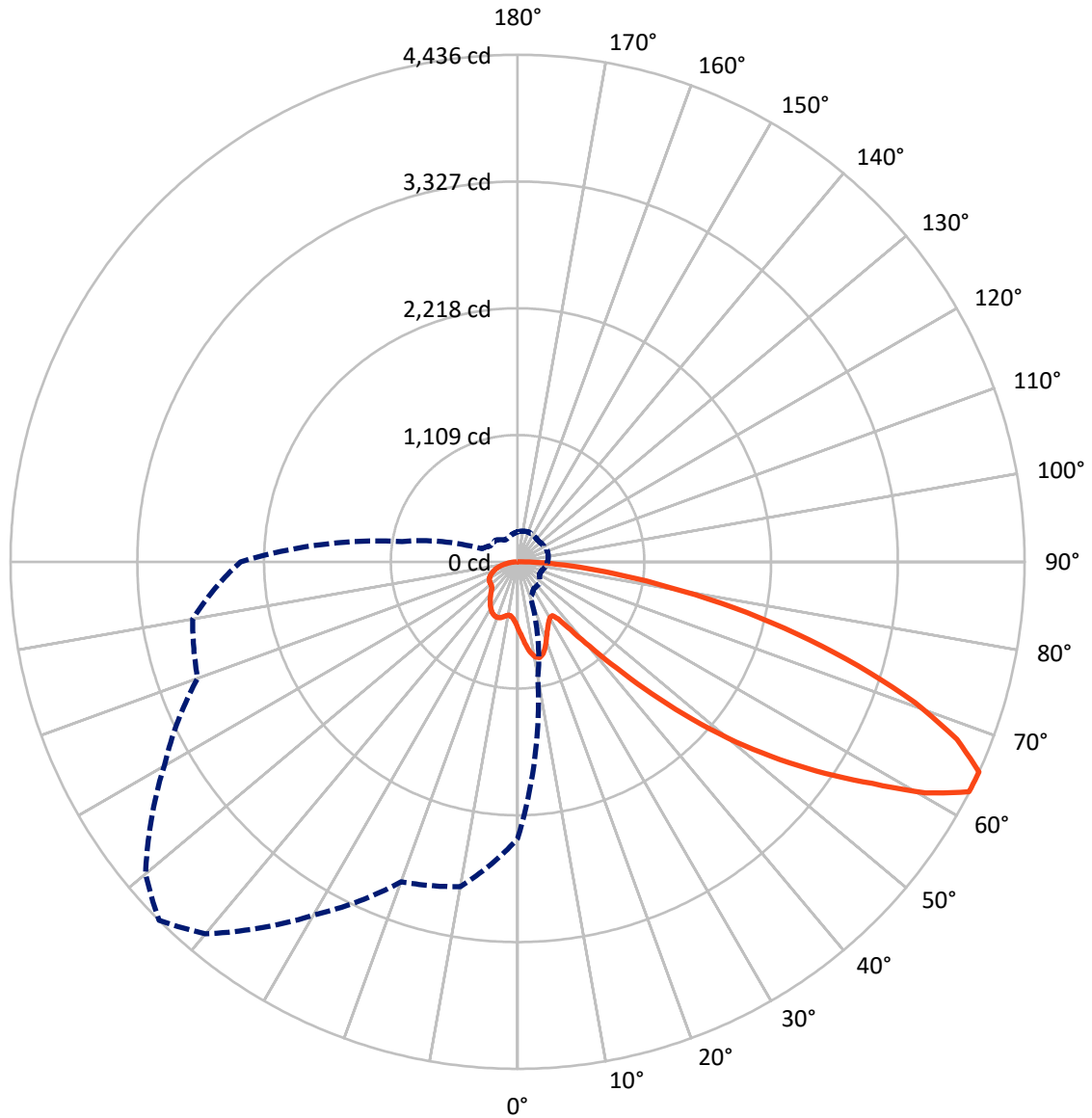
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.2 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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

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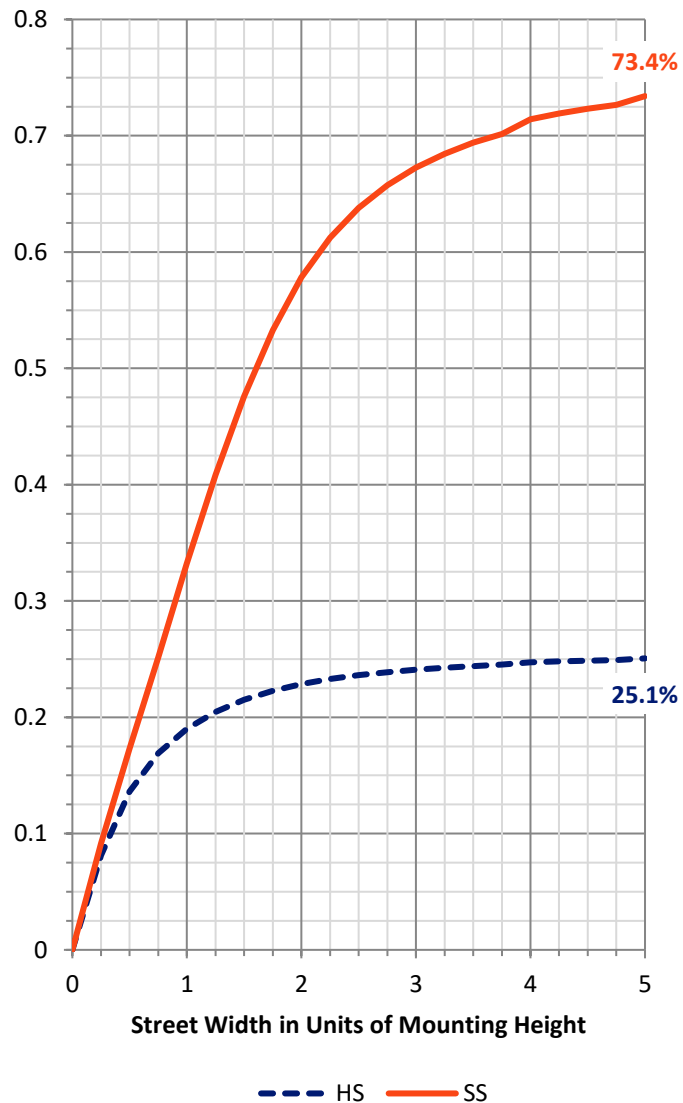
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1080.3 | 0.0 | 1080.3 |
| | % Fixture | 25.4 | 0.0 | 25.4 |
| Street Side | Lumens | 3170.4 | 0.0 | 3170.4 |
| | % Fixture | 74.6 | 0.0 | 74.6 |
| Total | Lumens | 4250.7 | 0.0 | 4250.7 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 58.0 | 1.4 |
| 10°-20° | 182.0 | 4.3 |
| 20°-30° | 281.2 | 6.6 |
| 30°-40° | 356.3 | 8.4 |
| 40°-50° | 537.4 | 12.6 |
| 50°-60° | 868.2 | 20.4 |
| 60°-70° | 1082.4 | 25.5 |
| 70°-80° | 709.8 | 16.7 |
| 80°-90° | 175.5 | 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° | 4250.7 | 100.0 |
| 0°-180° | 4250.7 | 100.0 |

Coefficient of Utilization



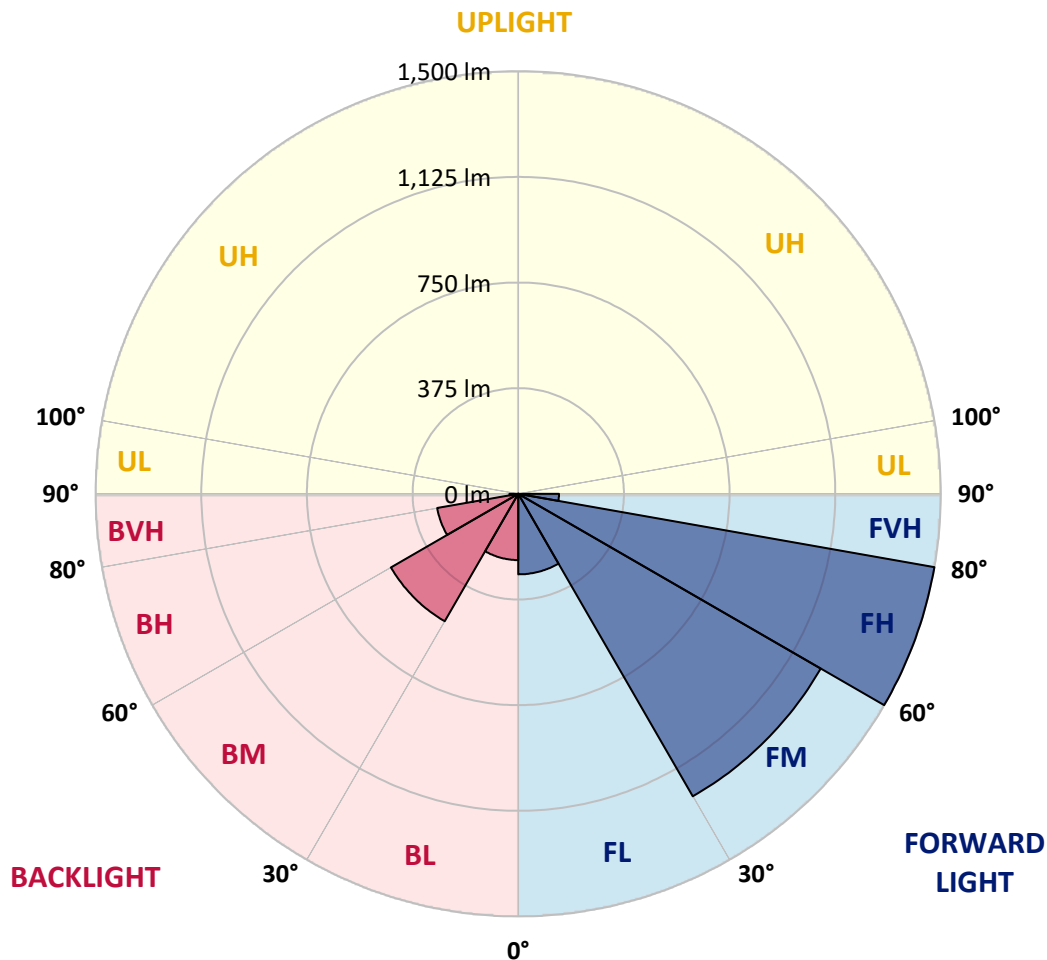
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 285.9 | 6.7 | | | |
| FM (30°-60°) | 1239.8 | 29.2 | | | |
| FH (60°-80°) | 1500.1 | 35.3 | | | G1/1800 |
| FVH (80°-90°) | 144.5 | 3.4 | | | G2/225 |
| BL (0°-30°) | 235.3 | 5.5 | B1/500 | | |
| BM (30°-60°) | 522.1 | 12.3 | B1/1000 | | |
| BH (60°-80°) | 292.1 | 6.9 | B1/500 | | G1/500 |
| BVH (80°-90°) | 30.9 | 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



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 |
| 2.5° | 628.5 | 623.7 | 618.9 | 613.8 | 608.6 | 603.5 | 598.4 | 593.5 | 588.5 | 583.7 | 578.4 |
| 5° | 675.9 | 665.2 | 654.6 | 644.0 | 633.3 | 622.7 | 612.0 | 602.0 | 592.0 | 582.6 | 573.3 |
| 7.5° | 723.4 | 705.9 | 688.3 | 672.1 | 655.8 | 640.0 | 624.2 | 610.3 | 596.3 | 583.5 | 571.4 |
| 10° | 759.9 | 737.7 | 715.4 | 694.0 | 672.5 | 653.3 | 634.2 | 617.7 | 601.2 | 585.3 | 572.4 |
| 12.5° | 782.2 | 757.8 | 733.4 | 709.1 | 684.8 | 662.2 | 639.5 | 620.8 | 602.2 | 585.5 | 573.5 |
| 15° | 795.8 | 770.3 | 744.9 | 718.5 | 692.1 | 666.0 | 639.9 | 618.4 | 596.8 | 578.3 | 568.7 |
| 17.5° | 803.4 | 777.6 | 751.7 | 723.0 | 694.2 | 664.0 | 633.7 | 607.7 | 581.8 | 560.1 | 554.1 |
| 20° | 811.8 | 785.0 | 758.2 | 726.5 | 694.9 | 658.3 | 621.6 | 589.4 | 557.2 | 531.9 | 530.3 |
| 22.5° | 821.5 | 794.2 | 766.7 | 731.2 | 695.8 | 651.2 | 606.5 | 567.7 | 529.1 | 500.3 | 503.4 |
| 25° | 834.1 | 807.3 | 780.4 | 739.8 | 699.4 | 644.2 | 589.1 | 543.8 | 498.4 | 468.8 | 477.1 |
| 27.5° | 851.2 | 825.5 | 799.9 | 753.4 | 706.7 | 639.6 | 572.4 | 521.7 | 471.1 | 444.2 | 454.3 |
| 30° | 874.2 | 849.4 | 824.7 | 770.8 | 716.9 | 637.3 | 557.9 | 503.4 | 448.8 | 426.3 | 434.2 |
| 32.5° | 901.3 | 876.8 | 852.3 | 788.9 | 725.6 | 634.7 | 543.8 | 487.5 | 431.2 | 413.1 | 416.6 |
| 35° | 934.3 | 910.8 | 887.3 | 809.6 | 732.1 | 629.7 | 527.3 | 471.9 | 416.6 | 401.4 | 400.0 |
| 37.5° | 989.8 | 959.9 | 930.0 | 832.9 | 735.8 | 620.9 | 506.0 | 453.6 | 401.1 | 387.8 | 382.4 |
| 40° | 1073.7 | 1030.1 | 986.5 | 862.3 | 738.3 | 609.0 | 479.8 | 431.6 | 383.6 | 371.6 | 363.4 |
| 42.5° | 1184.9 | 1122.0 | 1059.0 | 901.0 | 742.8 | 596.7 | 450.6 | 407.5 | 364.4 | 353.4 | 343.1 |
| 45° | 1322.4 | 1237.4 | 1152.5 | 951.7 | 750.8 | 585.2 | 419.6 | 381.8 | 344.1 | 332.8 | 322.9 |
| 47.5° | 1494.1 | 1374.6 | 1255.1 | 1005.7 | 756.3 | 575.7 | 395.1 | 361.5 | 327.9 | 313.4 | 304.8 |
| 50° | 1719.3 | 1539.1 | 1359.0 | 1055.9 | 752.8 | 565.4 | 378.1 | 348.1 | 318.0 | 299.0 | 289.0 |
| 52.5° | 1977.8 | 1712.1 | 1446.3 | 1088.4 | 730.6 | 548.0 | 365.4 | 339.2 | 313.0 | 291.1 | 277.2 |
| 55° | 2253.1 | 1865.3 | 1477.5 | 1081.3 | 685.0 | 519.1 | 353.2 | 332.7 | 312.2 | 291.9 | 270.9 |
| 57.5° | 2503.4 | 1973.8 | 1444.4 | 1030.7 | 617.2 | 478.4 | 339.6 | 325.1 | 310.7 | 292.7 | 267.1 |
| 60° | 2654.6 | 2001.0 | 1347.4 | 936.7 | 526.1 | 425.5 | 324.8 | 313.4 | 302.1 | 290.3 | 263.6 |
| 62.5° | 2577.8 | 1886.7 | 1195.7 | 809.6 | 423.6 | 362.2 | 300.7 | 293.2 | 285.7 | 284.1 | 259.4 |
| 65° | 2424.0 | 1725.1 | 1026.0 | 680.0 | 333.9 | 305.2 | 276.5 | 273.0 | 269.4 | 269.6 | 250.7 |
| 67.5° | 2218.0 | 1532.6 | 847.2 | 552.9 | 258.6 | 250.5 | 242.3 | 244.4 | 246.3 | 245.8 | 235.2 |
| 70° | 1970.6 | 1322.7 | 674.8 | 435.3 | 195.9 | 198.2 | 200.6 | 209.8 | 219.0 | 219.0 | 215.6 |
| 72.5° | 1675.6 | 1095.0 | 514.6 | 332.8 | 151.1 | 158.2 | 165.2 | 178.2 | 191.4 | 193.5 | 193.6 |
| 75° | 1302.5 | 834.1 | 365.8 | 241.6 | 117.4 | 123.7 | 130.1 | 144.7 | 159.4 | 169.5 | 168.7 |
| 77.5° | 930.6 | 583.8 | 237.1 | 163.7 | 90.3 | 94.7 | 99.0 | 113.3 | 127.5 | 144.2 | 143.8 |
| 80° | 609.1 | 376.2 | 143.2 | 105.5 | 67.8 | 69.5 | 71.3 | 83.4 | 95.4 | 115.4 | 115.3 |
| 82.5° | 354.0 | 217.7 | 81.4 | 64.9 | 48.4 | 48.7 | 49.1 | 57.9 | 66.8 | 83.8 | 84.9 |
| 85° | 155.8 | 97.9 | 40.1 | 34.6 | 29.3 | 29.1 | 28.9 | 35.5 | 41.9 | 54.6 | 55.9 |
| 87.5° | 48.2 | 32.1 | 15.9 | 14.3 | 12.8 | 12.7 | 12.5 | 15.2 | 17.8 | 23.1 | 24.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 |
| 2.5° | 574.1 | 569.8 | 565.9 | 562.1 | 558.7 | 555.3 | 551.9 | 548.5 | 545.9 | 543.2 | 541.1 |
| 5° | 565.2 | 557.0 | 550.2 | 543.5 | 537.4 | 531.4 | 525.9 | 520.5 | 516.3 | 512.1 | 509.1 |
| 7.5° | 560.7 | 549.8 | 540.9 | 531.9 | 524.4 | 516.8 | 510.0 | 503.4 | 498.5 | 493.4 | 489.9 |
| 10° | 561.0 | 549.6 | 540.6 | 531.7 | 523.5 | 515.3 | 507.8 | 500.3 | 494.4 | 488.3 | 484.4 |
| 12.5° | 564.2 | 554.8 | 548.9 | 542.9 | 536.6 | 530.1 | 522.4 | 514.7 | 507.0 | 499.4 | 494.4 |
| 15° | 564.3 | 559.8 | 560.6 | 561.4 | 559.8 | 558.1 | 551.3 | 544.6 | 533.7 | 522.9 | 515.2 |
| 17.5° | 555.8 | 557.4 | 567.1 | 577.0 | 582.1 | 587.3 | 581.9 | 576.5 | 562.0 | 547.7 | 536.4 |
| 20° | 537.9 | 545.6 | 562.5 | 579.5 | 590.4 | 601.4 | 598.8 | 596.2 | 579.8 | 563.4 | 549.6 |
| 22.5° | 514.7 | 525.9 | 545.3 | 564.7 | 578.9 | 593.1 | 594.6 | 596.0 | 580.4 | 564.7 | 550.4 |
| 25° | 490.2 | 503.2 | 520.6 | 538.1 | 552.0 | 565.9 | 571.1 | 576.4 | 563.4 | 550.6 | 537.9 |
| 27.5° | 466.9 | 479.4 | 493.7 | 508.1 | 519.3 | 530.4 | 536.2 | 542.0 | 532.8 | 523.7 | 513.8 |
| 30° | 444.1 | 454.2 | 466.1 | 478.0 | 487.2 | 496.5 | 501.2 | 505.9 | 498.9 | 491.9 | 484.8 |
| 32.5° | 422.4 | 428.3 | 437.9 | 447.3 | 456.2 | 465.1 | 470.4 | 475.6 | 469.2 | 462.8 | 457.2 |
| 35° | 401.5 | 403.1 | 410.4 | 417.6 | 426.4 | 435.2 | 441.5 | 447.8 | 443.2 | 438.7 | 433.5 |
| 37.5° | 380.7 | 378.8 | 384.1 | 389.3 | 398.0 | 406.8 | 414.6 | 422.3 | 420.2 | 418.1 | 413.4 |
| 40° | 359.3 | 355.3 | 359.0 | 362.7 | 371.2 | 379.7 | 388.6 | 397.6 | 398.1 | 398.5 | 394.5 |
| 42.5° | 337.6 | 332.3 | 335.4 | 338.5 | 346.4 | 354.4 | 364.2 | 373.8 | 376.4 | 378.9 | 375.6 |
| 45° | 317.6 | 312.4 | 315.0 | 317.5 | 325.1 | 332.8 | 342.8 | 352.8 | 356.5 | 360.2 | 357.1 |
| 47.5° | 300.4 | 296.0 | 298.5 | 300.8 | 308.3 | 315.8 | 325.6 | 335.6 | 339.8 | 344.1 | 341.9 |
| 50° | 285.1 | 281.3 | 285.0 | 288.7 | 295.8 | 302.9 | 311.7 | 320.5 | 326.0 | 331.5 | 331.3 |
| 52.5° | 273.4 | 269.5 | 275.1 | 280.8 | 287.3 | 293.7 | 302.0 | 310.2 | 316.7 | 323.2 | 324.3 |
| 55° | 264.8 | 258.7 | 266.8 | 274.8 | 281.8 | 288.7 | 295.9 | 303.1 | 310.0 | 316.9 | 318.5 |
| 57.5° | 258.3 | 249.4 | 258.0 | 266.7 | 274.8 | 283.0 | 290.2 | 297.2 | 304.2 | 311.1 | 312.7 |
| 60° | 252.0 | 240.6 | 248.2 | 255.7 | 265.1 | 274.5 | 281.8 | 289.0 | 295.9 | 302.9 | 304.7 |
| 62.5° | 245.1 | 230.7 | 235.5 | 240.4 | 251.2 | 262.2 | 270.0 | 277.7 | 284.0 | 290.4 | 292.1 |
| 65° | 235.4 | 220.2 | 222.0 | 223.9 | 235.5 | 247.3 | 254.7 | 262.1 | 267.7 | 273.3 | 275.1 |
| 67.5° | 222.5 | 209.7 | 209.2 | 208.6 | 219.5 | 230.2 | 237.3 | 244.3 | 249.1 | 253.9 | 255.6 |
| 70° | 206.4 | 197.4 | 195.4 | 193.4 | 202.8 | 212.4 | 218.4 | 224.5 | 228.9 | 233.3 | 234.9 |
| 72.5° | 187.4 | 181.2 | 178.2 | 175.3 | 182.8 | 190.2 | 195.7 | 201.2 | 205.5 | 209.7 | 211.8 |
| 75° | 163.9 | 159.2 | 156.3 | 153.4 | 159.0 | 164.6 | 169.5 | 174.5 | 178.5 | 182.3 | 184.4 |
| 77.5° | 139.9 | 136.1 | 133.2 | 130.4 | 134.9 | 139.4 | 143.7 | 147.9 | 152.0 | 156.1 | 158.1 |
| 80° | 112.1 | 108.9 | 106.5 | 104.0 | 107.8 | 111.6 | 115.2 | 118.8 | 121.9 | 124.9 | 127.5 |
| 82.5° | 83.2 | 81.7 | 79.9 | 78.3 | 78.0 | 77.7 | 76.4 | 75.1 | 81.8 | 88.5 | 92.8 |
| 85° | 54.1 | 52.5 | 50.5 | 48.7 | 47.0 | 45.4 | 41.9 | 38.4 | 44.7 | 50.9 | 56.3 |
| 87.5° | 24.0 | 23.4 | 23.0 | 22.7 | 22.5 | 22.4 | 19.8 | 17.1 | 19.8 | 22.3 | 24.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 |
| 2.5° | 538.9 | 537.3 | 535.7 | 534.1 | 532.6 | 530.6 | 532.6 | 534.1 | 535.7 | 537.3 | 538.9 |
| 5° | 506.1 | 504.1 | 502.0 | 500.4 | 498.9 | 497.2 | 498.9 | 500.4 | 502.0 | 504.1 | 506.1 |
| 7.5° | 486.5 | 484.0 | 481.6 | 480.2 | 478.8 | 477.8 | 478.8 | 480.2 | 481.6 | 484.0 | 486.5 |
| 10° | 480.5 | 478.2 | 475.9 | 474.8 | 473.6 | 473.0 | 473.6 | 474.8 | 475.9 | 478.2 | 480.5 |
| 12.5° | 489.3 | 486.8 | 484.2 | 483.2 | 482.2 | 482.0 | 482.2 | 483.2 | 484.2 | 486.8 | 489.3 |
| 15° | 507.5 | 504.0 | 500.5 | 499.2 | 497.8 | 497.7 | 497.8 | 499.2 | 500.5 | 504.0 | 507.5 |
| 17.5° | 525.1 | 519.9 | 514.7 | 512.9 | 511.2 | 511.0 | 511.2 | 512.9 | 514.7 | 519.9 | 525.1 |
| 20° | 535.8 | 529.1 | 522.3 | 520.3 | 518.1 | 517.4 | 518.1 | 520.3 | 522.3 | 529.1 | 535.8 |
| 22.5° | 536.1 | 529.1 | 522.0 | 519.7 | 517.3 | 516.3 | 517.3 | 519.7 | 522.0 | 529.1 | 536.1 |
| 25° | 525.2 | 519.2 | 513.1 | 510.9 | 508.6 | 507.4 | 508.6 | 510.9 | 513.1 | 519.2 | 525.2 |
| 27.5° | 504.0 | 499.9 | 495.8 | 494.8 | 493.7 | 493.4 | 493.7 | 494.8 | 495.8 | 499.9 | 504.0 |
| 30° | 477.8 | 475.7 | 473.6 | 473.6 | 473.6 | 474.0 | 473.6 | 473.6 | 473.6 | 475.7 | 477.8 |
| 32.5° | 451.5 | 450.2 | 448.7 | 449.0 | 449.2 | 449.5 | 449.2 | 449.0 | 448.7 | 450.2 | 451.5 |
| 35° | 428.2 | 426.2 | 424.1 | 423.7 | 423.2 | 423.0 | 423.2 | 423.7 | 424.1 | 426.2 | 428.2 |
| 37.5° | 408.6 | 404.8 | 401.0 | 399.0 | 397.0 | 395.9 | 397.0 | 399.0 | 401.0 | 404.8 | 408.6 |
| 40° | 390.4 | 384.9 | 379.5 | 375.8 | 372.1 | 369.8 | 372.1 | 375.8 | 379.5 | 384.9 | 390.4 |
| 42.5° | 372.1 | 365.3 | 358.4 | 353.0 | 347.6 | 344.1 | 347.6 | 353.0 | 358.4 | 365.3 | 372.1 |
| 45° | 354.0 | 346.2 | 338.5 | 332.1 | 325.7 | 321.6 | 325.7 | 332.1 | 338.5 | 346.2 | 354.0 |
| 47.5° | 339.8 | 332.8 | 325.8 | 320.0 | 314.2 | 310.2 | 314.2 | 320.0 | 325.8 | 332.8 | 339.8 |
| 50° | 331.3 | 325.6 | 320.1 | 314.7 | 309.2 | 305.4 | 309.2 | 314.7 | 320.1 | 325.6 | 331.3 |
| 52.5° | 325.5 | 320.9 | 316.4 | 311.6 | 306.7 | 303.2 | 306.7 | 311.6 | 316.4 | 320.9 | 325.5 |
| 55° | 320.1 | 316.2 | 312.2 | 307.9 | 303.7 | 300.5 | 303.7 | 307.9 | 312.2 | 316.2 | 320.1 |
| 57.5° | 314.4 | 310.4 | 306.5 | 302.2 | 298.0 | 294.7 | 298.0 | 302.2 | 306.5 | 310.4 | 314.4 |
| 60° | 306.5 | 302.6 | 298.7 | 294.4 | 290.0 | 286.7 | 290.0 | 294.4 | 298.7 | 302.6 | 306.5 |
| 62.5° | 293.9 | 290.4 | 286.8 | 282.3 | 277.7 | 273.7 | 277.7 | 282.3 | 286.8 | 290.4 | 293.9 |
| 65° | 276.9 | 273.5 | 270.1 | 265.6 | 261.2 | 257.7 | 261.2 | 265.6 | 270.1 | 273.5 | 276.9 |
| 67.5° | 257.4 | 254.3 | 251.1 | 247.0 | 242.9 | 239.7 | 242.9 | 247.0 | 251.1 | 254.3 | 257.4 |
| 70° | 236.6 | 234.0 | 231.5 | 227.6 | 223.7 | 220.1 | 223.7 | 227.6 | 231.5 | 234.0 | 236.6 |
| 72.5° | 213.7 | 211.6 | 209.5 | 205.7 | 201.9 | 198.5 | 201.9 | 205.7 | 209.5 | 211.6 | 213.7 |
| 75° | 186.4 | 185.4 | 184.4 | 181.2 | 178.0 | 174.8 | 178.0 | 181.2 | 184.4 | 185.4 | 186.4 |
| 77.5° | 160.0 | 158.6 | 157.0 | 153.9 | 150.7 | 148.0 | 150.7 | 153.9 | 157.0 | 158.6 | 160.0 |
| 80° | 130.1 | 129.5 | 128.8 | 124.5 | 120.2 | 115.3 | 120.2 | 124.5 | 128.8 | 129.5 | 130.1 |
| 82.5° | 97.1 | 96.9 | 96.6 | 93.0 | 89.3 | 86.1 | 89.3 | 93.0 | 96.6 | 96.9 | 97.1 |
| 85° | 61.7 | 61.2 | 60.8 | 57.9 | 55.1 | 52.3 | 55.1 | 57.9 | 60.8 | 61.2 | 61.7 |
| 87.5° | 26.8 | 26.2 | 25.6 | 24.2 | 22.7 | 21.3 | 22.7 | 24.2 | 25.6 | 26.2 | 26.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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CATALOG NUMBER: NVN-SB1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 |
| 2.5° | 541.1 | 543.2 | 545.9 | 548.5 | 551.9 | 555.3 | 558.7 | 562.1 | 565.9 | 569.8 | 574.1 |
| 5° | 509.1 | 512.1 | 516.3 | 520.5 | 525.9 | 531.4 | 537.4 | 543.5 | 550.2 | 557.0 | 565.2 |
| 7.5° | 489.9 | 493.4 | 498.5 | 503.4 | 510.0 | 516.8 | 524.4 | 531.9 | 540.9 | 549.8 | 560.7 |
| 10° | 484.4 | 488.3 | 494.4 | 500.3 | 507.8 | 515.3 | 523.5 | 531.7 | 540.6 | 549.6 | 561.0 |
| 12.5° | 494.4 | 499.4 | 507.0 | 514.7 | 522.4 | 530.1 | 536.6 | 542.9 | 548.9 | 554.8 | 564.2 |
| 15° | 515.2 | 522.9 | 533.7 | 544.6 | 551.3 | 558.1 | 559.8 | 561.4 | 560.6 | 559.8 | 564.3 |
| 17.5° | 536.4 | 547.7 | 562.0 | 576.5 | 581.9 | 587.3 | 582.1 | 577.0 | 567.1 | 557.4 | 555.8 |
| 20° | 549.6 | 563.4 | 579.8 | 596.2 | 598.8 | 601.4 | 590.4 | 579.5 | 562.5 | 545.6 | 537.9 |
| 22.5° | 550.4 | 564.7 | 580.4 | 596.0 | 594.6 | 593.1 | 578.9 | 564.7 | 545.3 | 525.9 | 514.7 |
| 25° | 537.9 | 550.6 | 563.4 | 576.4 | 571.1 | 565.9 | 552.0 | 538.1 | 520.6 | 503.2 | 490.2 |
| 27.5° | 513.8 | 523.7 | 532.8 | 542.0 | 536.2 | 530.4 | 519.3 | 508.1 | 493.7 | 479.4 | 466.9 |
| 30° | 484.8 | 491.9 | 498.9 | 505.9 | 501.2 | 496.5 | 487.2 | 478.0 | 466.1 | 454.2 | 444.1 |
| 32.5° | 457.2 | 462.8 | 469.2 | 475.6 | 470.4 | 465.1 | 456.2 | 447.3 | 437.9 | 428.3 | 422.4 |
| 35° | 433.5 | 438.7 | 443.2 | 447.8 | 441.5 | 435.2 | 426.4 | 417.6 | 410.4 | 403.1 | 401.5 |
| 37.5° | 413.4 | 418.1 | 420.2 | 422.3 | 414.6 | 406.8 | 398.0 | 389.3 | 384.1 | 378.8 | 380.7 |
| 40° | 394.5 | 398.5 | 398.1 | 397.6 | 388.6 | 379.7 | 371.2 | 362.7 | 359.0 | 355.3 | 359.3 |
| 42.5° | 375.6 | 378.9 | 376.4 | 373.8 | 364.2 | 354.4 | 346.4 | 338.5 | 335.4 | 332.3 | 337.6 |
| 45° | 357.1 | 360.2 | 356.5 | 352.8 | 342.8 | 332.8 | 325.1 | 317.5 | 315.0 | 312.4 | 317.6 |
| 47.5° | 341.9 | 344.1 | 339.8 | 335.6 | 325.6 | 315.8 | 308.3 | 300.8 | 298.5 | 296.0 | 300.4 |
| 50° | 331.3 | 331.5 | 326.0 | 320.5 | 311.7 | 302.9 | 295.8 | 288.7 | 285.0 | 281.3 | 285.1 |
| 52.5° | 324.3 | 323.2 | 316.7 | 310.2 | 302.0 | 293.7 | 287.3 | 280.8 | 275.1 | 269.5 | 273.4 |
| 55° | 318.5 | 316.9 | 310.0 | 303.1 | 295.9 | 288.7 | 281.8 | 274.8 | 266.8 | 258.7 | 264.8 |
| 57.5° | 312.7 | 311.1 | 304.2 | 297.2 | 290.2 | 283.0 | 274.8 | 266.7 | 258.0 | 249.4 | 258.3 |
| 60° | 304.7 | 302.9 | 295.9 | 289.0 | 281.8 | 274.5 | 265.1 | 255.7 | 248.2 | 240.6 | 252.0 |
| 62.5° | 292.1 | 290.4 | 284.0 | 277.7 | 270.0 | 262.2 | 251.2 | 240.4 | 235.5 | 230.7 | 245.1 |
| 65° | 275.1 | 273.3 | 267.7 | 262.1 | 254.7 | 247.3 | 235.5 | 223.9 | 222.0 | 220.2 | 235.4 |
| 67.5° | 255.6 | 253.9 | 249.1 | 244.3 | 237.3 | 230.2 | 219.5 | 208.6 | 209.2 | 209.7 | 222.5 |
| 70° | 234.9 | 233.3 | 228.9 | 224.5 | 218.4 | 212.4 | 202.8 | 193.4 | 195.4 | 197.4 | 206.4 |
| 72.5° | 211.8 | 209.7 | 205.5 | 201.2 | 195.7 | 190.2 | 182.8 | 175.3 | 178.2 | 181.2 | 187.4 |
| 75° | 184.4 | 182.3 | 178.5 | 174.5 | 169.5 | 164.6 | 159.0 | 153.4 | 156.3 | 159.2 | 163.9 |
| 77.5° | 158.1 | 156.1 | 152.0 | 147.9 | 143.7 | 139.4 | 134.9 | 130.4 | 133.2 | 136.1 | 139.9 |
| 80° | 127.5 | 124.9 | 121.9 | 118.8 | 115.2 | 111.6 | 107.8 | 104.0 | 106.5 | 108.9 | 112.1 |
| 82.5° | 92.8 | 88.5 | 81.8 | 75.1 | 76.4 | 77.7 | 78.0 | 78.3 | 79.9 | 81.7 | 83.2 |
| 85° | 56.3 | 50.9 | 44.7 | 38.4 | 41.9 | 45.4 | 47.0 | 48.7 | 50.5 | 52.5 | 54.1 |
| 87.5° | 24.6 | 22.3 | 19.8 | 17.1 | 19.8 | 22.4 | 22.5 | 22.7 | 23.0 | 23.4 | 24.0 |
| 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: P959233
 CATALOG NUMBER: NVN-SB1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 0° | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 |
| 2.5° | 578.4 | 583.7 | 588.5 | 593.5 | 598.4 | 603.5 | 608.6 | 613.8 | 618.9 | 623.7 | 628.5 |
| 5° | 573.3 | 582.6 | 592.0 | 602.0 | 612.0 | 622.7 | 633.3 | 644.0 | 654.6 | 665.2 | 675.9 |
| 7.5° | 571.4 | 583.5 | 596.3 | 610.3 | 624.2 | 640.0 | 655.8 | 672.1 | 688.3 | 705.9 | 723.4 |
| 10° | 572.4 | 585.3 | 601.2 | 617.7 | 634.2 | 653.3 | 672.5 | 694.0 | 715.4 | 737.7 | 759.9 |
| 12.5° | 573.5 | 585.5 | 602.2 | 620.8 | 639.5 | 662.2 | 684.8 | 709.1 | 733.4 | 757.8 | 782.2 |
| 15° | 568.7 | 578.3 | 596.8 | 618.4 | 639.9 | 666.0 | 692.1 | 718.5 | 744.9 | 770.3 | 795.8 |
| 17.5° | 554.1 | 560.1 | 581.8 | 607.7 | 633.7 | 664.0 | 694.2 | 723.0 | 751.7 | 777.6 | 803.4 |
| 20° | 530.3 | 531.9 | 557.2 | 589.4 | 621.6 | 658.3 | 694.9 | 726.5 | 758.2 | 785.0 | 811.8 |
| 22.5° | 503.4 | 500.3 | 529.1 | 567.7 | 606.5 | 651.2 | 695.8 | 731.2 | 766.7 | 794.2 | 821.5 |
| 25° | 477.1 | 468.8 | 498.4 | 543.8 | 589.1 | 644.2 | 699.4 | 739.8 | 780.4 | 807.3 | 834.1 |
| 27.5° | 454.3 | 444.2 | 471.1 | 521.7 | 572.4 | 639.6 | 706.7 | 753.4 | 799.9 | 825.5 | 851.2 |
| 30° | 434.2 | 426.3 | 448.8 | 503.4 | 557.9 | 637.3 | 716.9 | 770.8 | 824.7 | 849.4 | 874.2 |
| 32.5° | 416.6 | 413.1 | 431.2 | 487.5 | 543.8 | 634.7 | 725.6 | 788.9 | 852.3 | 876.8 | 901.3 |
| 35° | 400.0 | 401.4 | 416.6 | 471.9 | 527.3 | 629.7 | 732.1 | 809.6 | 887.3 | 910.8 | 934.3 |
| 37.5° | 382.4 | 387.8 | 401.1 | 453.6 | 506.0 | 620.9 | 735.8 | 832.9 | 930.0 | 959.9 | 989.8 |
| 40° | 363.4 | 371.6 | 383.6 | 431.6 | 479.8 | 609.0 | 738.3 | 862.3 | 986.5 | 1030.1 | 1073.7 |
| 42.5° | 343.1 | 353.4 | 364.4 | 407.5 | 450.6 | 596.7 | 742.8 | 901.0 | 1059.0 | 1122.0 | 1184.9 |
| 45° | 322.9 | 332.8 | 344.1 | 381.8 | 419.6 | 585.2 | 750.8 | 951.7 | 1152.5 | 1237.4 | 1322.4 |
| 47.5° | 304.8 | 313.4 | 327.9 | 361.5 | 395.1 | 575.7 | 756.3 | 1005.7 | 1255.1 | 1374.6 | 1494.1 |
| 50° | 289.0 | 299.0 | 318.0 | 348.1 | 378.1 | 565.4 | 752.8 | 1055.9 | 1359.0 | 1539.1 | 1719.3 |
| 52.5° | 277.2 | 291.1 | 313.0 | 339.2 | 365.4 | 548.0 | 730.6 | 1088.4 | 1446.3 | 1712.1 | 1977.8 |
| 55° | 270.9 | 291.9 | 312.2 | 332.7 | 353.2 | 519.1 | 685.0 | 1081.3 | 1477.5 | 1865.3 | 2253.1 |
| 57.5° | 267.1 | 292.7 | 310.7 | 325.1 | 339.6 | 478.4 | 617.2 | 1030.7 | 1444.4 | 1973.8 | 2503.4 |
| 60° | 263.6 | 290.3 | 302.1 | 313.4 | 324.8 | 425.5 | 526.1 | 936.7 | 1347.4 | 2001.0 | 2654.6 |
| 62.5° | 259.4 | 284.1 | 285.7 | 293.2 | 300.7 | 362.2 | 423.6 | 809.6 | 1195.7 | 1886.7 | 2577.8 |
| 65° | 250.7 | 269.6 | 269.4 | 273.0 | 276.5 | 305.2 | 333.9 | 680.0 | 1026.0 | 1725.1 | 2424.0 |
| 67.5° | 235.2 | 245.8 | 246.3 | 244.4 | 242.3 | 250.5 | 258.6 | 552.9 | 847.2 | 1532.6 | 2218.0 |
| 70° | 215.6 | 219.0 | 219.0 | 209.8 | 200.6 | 198.2 | 195.9 | 435.3 | 674.8 | 1322.7 | 1970.6 |
| 72.5° | 193.6 | 193.5 | 191.4 | 178.2 | 165.2 | 158.2 | 151.1 | 332.8 | 514.6 | 1095.0 | 1675.6 |
| 75° | 168.7 | 169.5 | 159.4 | 144.7 | 130.1 | 123.7 | 117.4 | 241.6 | 365.8 | 834.1 | 1302.5 |
| 77.5° | 143.8 | 144.2 | 127.5 | 113.3 | 99.0 | 94.7 | 90.3 | 163.7 | 237.1 | 583.8 | 930.6 |
| 80° | 115.3 | 115.4 | 95.4 | 83.4 | 71.3 | 69.5 | 67.8 | 105.5 | 143.2 | 376.2 | 609.1 |
| 82.5° | 84.9 | 83.8 | 66.8 | 57.9 | 49.1 | 48.7 | 48.4 | 64.9 | 81.4 | 217.7 | 354.0 |
| 85° | 55.9 | 54.6 | 41.9 | 35.5 | 28.9 | 29.1 | 29.3 | 34.6 | 40.1 | 97.9 | 155.8 |
| 87.5° | 24.7 | 23.1 | 17.8 | 15.2 | 12.5 | 12.7 | 12.8 | 14.3 | 15.9 | 32.1 | 48.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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 CATALOG NUMBER: NVN-SB1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 |
| 2.5° | 631.0 | 633.3 | 636.7 | 640.1 | 642.2 | 644.2 | 645.1 | 646.2 | 645.8 | 646.2 | 645.1 |
| 5° | 684.2 | 692.6 | 700.8 | 709.1 | 713.6 | 718.1 | 720.8 | 723.5 | 725.6 | 723.5 | 720.8 |
| 7.5° | 737.0 | 750.5 | 762.7 | 774.9 | 782.2 | 789.6 | 793.6 | 797.4 | 799.4 | 797.4 | 793.6 |
| 10° | 775.9 | 791.9 | 806.3 | 820.5 | 829.1 | 837.7 | 841.6 | 845.4 | 847.0 | 845.4 | 841.6 |
| 12.5° | 799.6 | 816.9 | 829.8 | 842.8 | 849.0 | 855.3 | 857.4 | 859.5 | 859.7 | 859.5 | 857.4 |
| 15° | 810.8 | 825.7 | 833.8 | 841.9 | 842.1 | 842.3 | 840.2 | 837.9 | 835.3 | 837.9 | 840.2 |
| 17.5° | 813.5 | 823.7 | 823.8 | 823.9 | 814.9 | 805.8 | 797.4 | 789.1 | 783.2 | 789.1 | 797.4 |
| 20° | 815.4 | 818.9 | 808.2 | 797.6 | 777.6 | 757.5 | 742.9 | 728.3 | 719.3 | 728.3 | 742.9 |
| 22.5° | 816.9 | 812.3 | 790.3 | 768.2 | 738.7 | 709.2 | 691.0 | 672.7 | 662.8 | 672.7 | 691.0 |
| 25° | 819.6 | 804.9 | 771.5 | 738.0 | 702.1 | 666.4 | 647.1 | 628.0 | 618.6 | 628.0 | 647.1 |
| 27.5° | 825.1 | 799.1 | 754.6 | 710.3 | 670.6 | 630.9 | 612.0 | 593.2 | 584.2 | 593.2 | 612.0 |
| 30° | 835.3 | 796.4 | 741.8 | 687.2 | 645.9 | 604.4 | 586.9 | 569.4 | 561.2 | 569.4 | 586.9 |
| 32.5° | 848.1 | 794.9 | 733.1 | 671.3 | 632.4 | 593.5 | 579.7 | 566.0 | 560.1 | 566.0 | 579.7 |
| 35° | 869.2 | 804.0 | 739.6 | 675.3 | 648.2 | 621.3 | 618.1 | 614.8 | 614.4 | 614.8 | 618.1 |
| 37.5° | 913.2 | 836.6 | 778.0 | 719.4 | 717.7 | 716.0 | 730.6 | 745.3 | 753.0 | 745.3 | 730.6 |
| 40° | 990.4 | 907.0 | 863.5 | 820.0 | 850.6 | 881.4 | 917.1 | 952.7 | 970.5 | 952.7 | 917.1 |
| 42.5° | 1102.3 | 1019.6 | 994.6 | 969.4 | 1036.5 | 1103.5 | 1168.3 | 1233.2 | 1271.3 | 1233.2 | 1168.3 |
| 45° | 1248.0 | 1173.7 | 1162.7 | 1151.6 | 1259.0 | 1366.4 | 1472.9 | 1579.5 | 1644.3 | 1579.5 | 1472.9 |
| 47.5° | 1421.9 | 1349.6 | 1347.4 | 1345.1 | 1500.0 | 1654.9 | 1810.9 | 1967.0 | 2058.5 | 1967.0 | 1810.9 |
| 50° | 1630.1 | 1540.9 | 1541.2 | 1541.6 | 1741.3 | 1940.8 | 2146.8 | 2352.8 | 2477.3 | 2352.8 | 2146.8 |
| 52.5° | 1869.7 | 1761.7 | 1750.8 | 1739.8 | 1978.2 | 2216.8 | 2471.6 | 2726.4 | 2875.6 | 2726.4 | 2471.6 |
| 55° | 2146.2 | 2039.4 | 1996.9 | 1954.3 | 2219.6 | 2485.0 | 2788.8 | 3092.6 | 3270.2 | 3092.6 | 2788.8 |
| 57.5° | 2445.1 | 2387.0 | 2301.6 | 2216.2 | 2484.2 | 2752.1 | 3096.2 | 3440.3 | 3660.5 | 3440.3 | 3096.2 |
| 60° | 2745.0 | 2835.3 | 2729.2 | 2623.1 | 2876.7 | 3130.2 | 3498.6 | 3867.0 | 4105.0 | 3867.0 | 3498.6 |
| 62.5° | 2824.5 | 3071.3 | 3059.3 | 3047.3 | 3279.6 | 3512.0 | 3862.5 | 4213.0 | 4432.9 | 4213.0 | 3862.5 |
| 65° | 2655.6 | 2887.2 | 2933.0 | 2978.9 | 3274.1 | 3569.3 | 3909.1 | 4249.0 | 4436.3 | 4249.0 | 3909.1 |
| 67.5° | 2438.3 | 2658.5 | 2680.1 | 2701.5 | 3009.1 | 3316.7 | 3658.0 | 3999.3 | 4146.0 | 3999.3 | 3658.0 |
| 70° | 2210.1 | 2449.6 | 2459.3 | 2468.9 | 2743.9 | 3019.0 | 3312.8 | 3606.5 | 3688.1 | 3606.5 | 3312.8 |
| 72.5° | 1950.5 | 2225.4 | 2232.3 | 2239.2 | 2454.5 | 2669.6 | 2889.7 | 3109.6 | 3117.8 | 3109.6 | 2889.7 |
| 75° | 1587.0 | 1871.5 | 1897.1 | 1922.6 | 2090.1 | 2257.5 | 2412.3 | 2567.2 | 2525.7 | 2567.2 | 2412.3 |
| 77.5° | 1196.2 | 1461.9 | 1498.3 | 1534.9 | 1662.2 | 1789.5 | 1899.3 | 2009.2 | 1937.9 | 2009.2 | 1899.3 |
| 80° | 832.5 | 1056.0 | 1101.4 | 1146.9 | 1243.0 | 1339.1 | 1396.8 | 1454.4 | 1339.7 | 1454.4 | 1396.8 |
| 82.5° | 506.8 | 659.6 | 710.3 | 761.2 | 827.3 | 893.5 | 917.6 | 941.6 | 851.4 | 941.6 | 917.6 |
| 85° | 236.9 | 318.0 | 361.1 | 404.3 | 458.7 | 513.0 | 526.6 | 540.3 | 468.1 | 540.3 | 526.6 |
| 87.5° | 75.4 | 102.7 | 126.8 | 150.9 | 178.0 | 205.3 | 206.4 | 207.6 | 174.2 | 207.6 | 206.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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 CATALOG NUMBER: NVN-SB1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 | 584.5 |
| 2.5° | 644.2 | 642.2 | 640.1 | 636.7 | 633.3 | 631.0 | 628.5 |
| 5° | 718.1 | 713.6 | 709.1 | 700.8 | 692.6 | 684.2 | 675.9 |
| 7.5° | 789.6 | 782.2 | 774.9 | 762.7 | 750.5 | 737.0 | 723.4 |
| 10° | 837.7 | 829.1 | 820.5 | 806.3 | 791.9 | 775.9 | 759.9 |
| 12.5° | 855.3 | 849.0 | 842.8 | 829.8 | 816.9 | 799.6 | 782.2 |
| 15° | 842.3 | 842.1 | 841.9 | 833.8 | 825.7 | 810.8 | 795.8 |
| 17.5° | 805.8 | 814.9 | 823.9 | 823.8 | 823.7 | 813.5 | 803.4 |
| 20° | 757.5 | 777.6 | 797.6 | 808.2 | 818.9 | 815.4 | 811.8 |
| 22.5° | 709.2 | 738.7 | 768.2 | 790.3 | 812.3 | 816.9 | 821.5 |
| 25° | 666.4 | 702.1 | 738.0 | 771.5 | 804.9 | 819.6 | 834.1 |
| 27.5° | 630.9 | 670.6 | 710.3 | 754.6 | 799.1 | 825.1 | 851.2 |
| 30° | 604.4 | 645.9 | 687.2 | 741.8 | 796.4 | 835.3 | 874.2 |
| 32.5° | 593.5 | 632.4 | 671.3 | 733.1 | 794.9 | 848.1 | 901.3 |
| 35° | 621.3 | 648.2 | 675.3 | 739.6 | 804.0 | 869.2 | 934.3 |
| 37.5° | 716.0 | 717.7 | 719.4 | 778.0 | 836.6 | 913.2 | 989.8 |
| 40° | 881.4 | 850.6 | 820.0 | 863.5 | 907.0 | 990.4 | 1073.7 |
| 42.5° | 1103.5 | 1036.5 | 969.4 | 994.6 | 1019.6 | 1102.3 | 1184.9 |
| 45° | 1366.4 | 1259.0 | 1151.6 | 1162.7 | 1173.7 | 1248.0 | 1322.4 |
| 47.5° | 1654.9 | 1500.0 | 1345.1 | 1347.4 | 1349.6 | 1421.9 | 1494.1 |
| 50° | 1940.8 | 1741.3 | 1541.6 | 1541.2 | 1540.9 | 1630.1 | 1719.3 |
| 52.5° | 2216.8 | 1978.2 | 1739.8 | 1750.8 | 1761.7 | 1869.7 | 1977.8 |
| 55° | 2485.0 | 2219.6 | 1954.3 | 1996.9 | 2039.4 | 2146.2 | 2253.1 |
| 57.5° | 2752.1 | 2484.2 | 2216.2 | 2301.6 | 2387.0 | 2445.1 | 2503.4 |
| 60° | 3130.2 | 2876.7 | 2623.1 | 2729.2 | 2835.3 | 2745.0 | 2654.6 |
| 62.5° | 3512.0 | 3279.6 | 3047.3 | 3059.3 | 3071.3 | 2824.5 | 2577.8 |
| 65° | 3569.3 | 3274.1 | 2978.9 | 2933.0 | 2887.2 | 2655.6 | 2424.0 |
| 67.5° | 3316.7 | 3009.1 | 2701.5 | 2680.1 | 2658.5 | 2438.3 | 2218.0 |
| 70° | 3019.0 | 2743.9 | 2468.9 | 2459.3 | 2449.6 | 2210.1 | 1970.6 |
| 72.5° | 2669.6 | 2454.5 | 2239.2 | 2232.3 | 2225.4 | 1950.5 | 1675.6 |
| 75° | 2257.5 | 2090.1 | 1922.6 | 1897.1 | 1871.5 | 1587.0 | 1302.5 |
| 77.5° | 1789.5 | 1662.2 | 1534.9 | 1498.3 | 1461.9 | 1196.2 | 930.6 |
| 80° | 1339.1 | 1243.0 | 1146.9 | 1101.4 | 1056.0 | 832.5 | 609.1 |
| 82.5° | 893.5 | 827.3 | 761.2 | 710.3 | 659.6 | 506.8 | 354.0 |
| 85° | 513.0 | 458.7 | 404.3 | 361.1 | 318.0 | 236.9 | 155.8 |
| 87.5° | 205.3 | 178.0 | 150.9 | 126.8 | 102.7 | 75.4 | 48.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)