

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: P963944

Luminaire Tested: **NVN-SB3B-722-U-SLR-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P963944
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SB3B-722-U-SLR-HSS
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 2200K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10918.3 lumens
Efficiency: N/A
Efficacy: 100.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G3

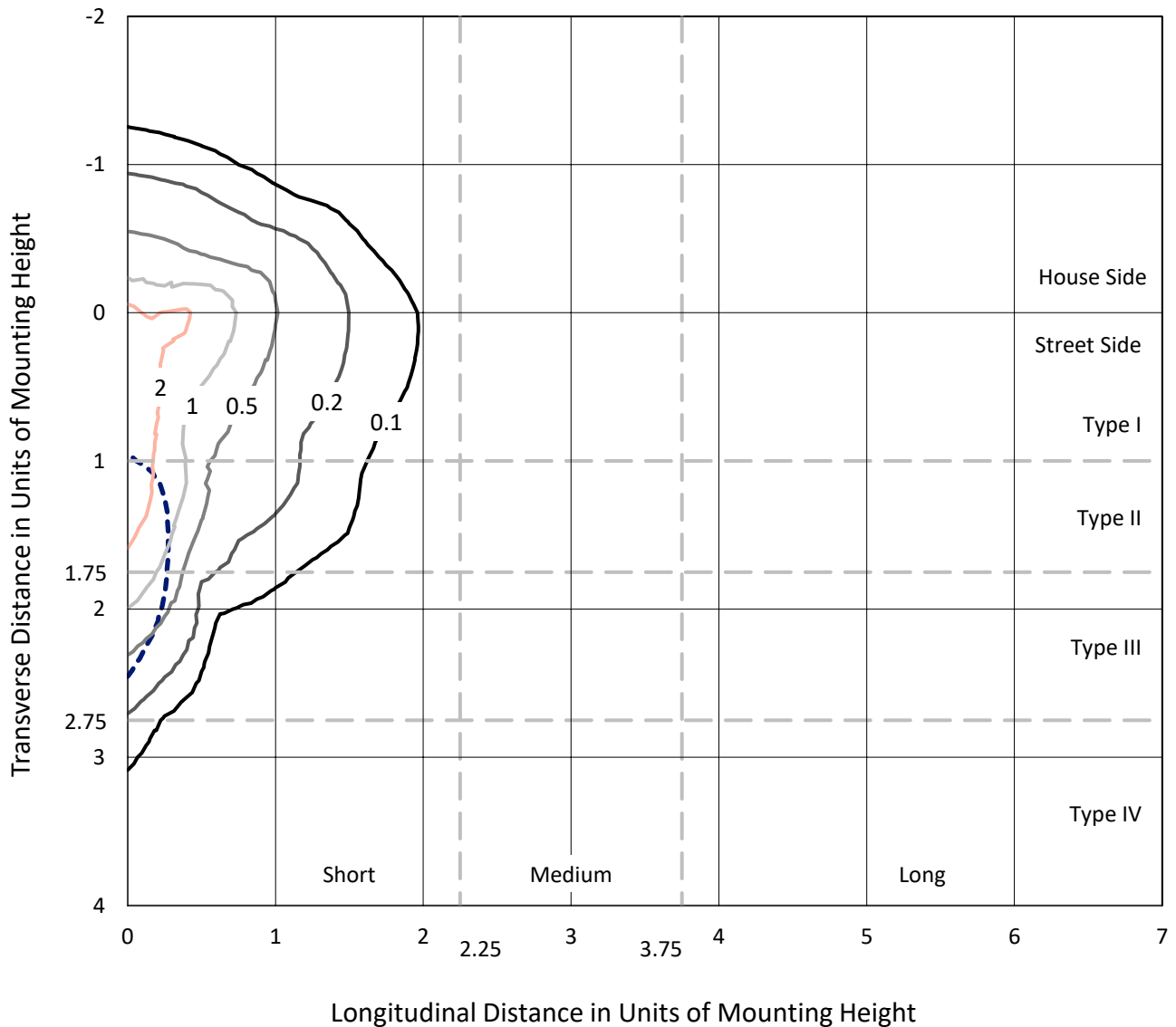
Input Watts (W): 109.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P963944
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Iso-Footcandle Lines of Horizontal Illumination

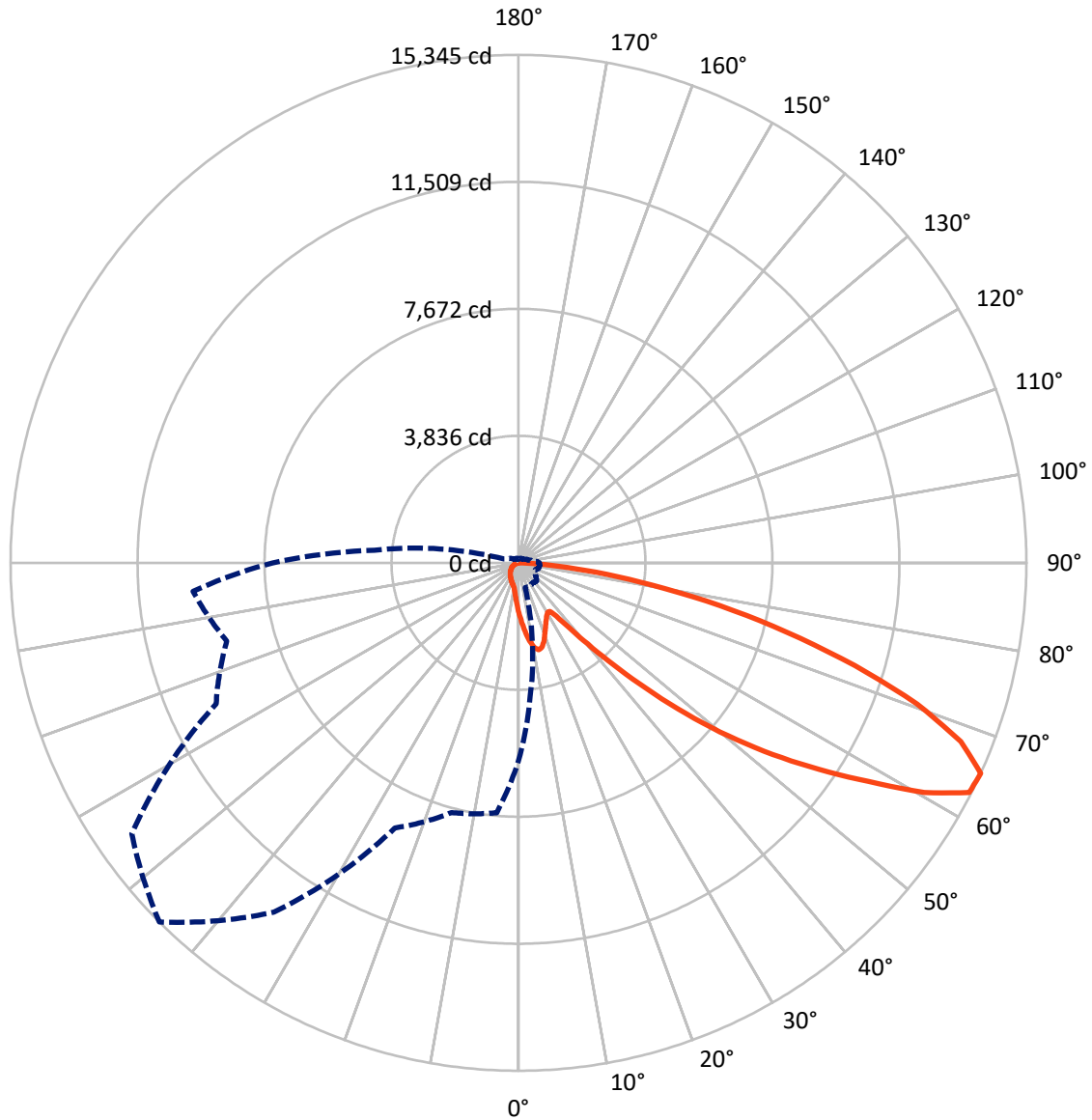
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.4 fc
 Type IV - Short - N/A

REPORT NUMBER: P963944
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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 | 1529.0 | 0.0 | 1529.0 |
| | % Fixture | 14.0 | 0.0 | 14.0 |
| Street Side | Lumens | 9389.3 | 0.0 | 9389.3 |
| | % Fixture | 86.0 | 0.0 | 86.0 |
| Total | Lumens | 10918.3 | 0.0 | 10918.3 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 148.8 | 1.4 |
| 10°-20° | 446.2 | 4.1 |
| 20°-30° | 657.3 | 6.0 |
| 30°-40° | 844.5 | 7.7 |
| 40°-50° | 1365.8 | 12.5 |
| 50°-60° | 2395.1 | 21.9 |
| 60°-70° | 2996.9 | 27.4 |
| 70°-80° | 1751.2 | 16.0 |
| 80°-90° | 312.4 | 2.9 |
| 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° | 10918.3 | 100.0 |
| 0°-180° | 10918.3 | 100.0 |

Coefficient of Utilization



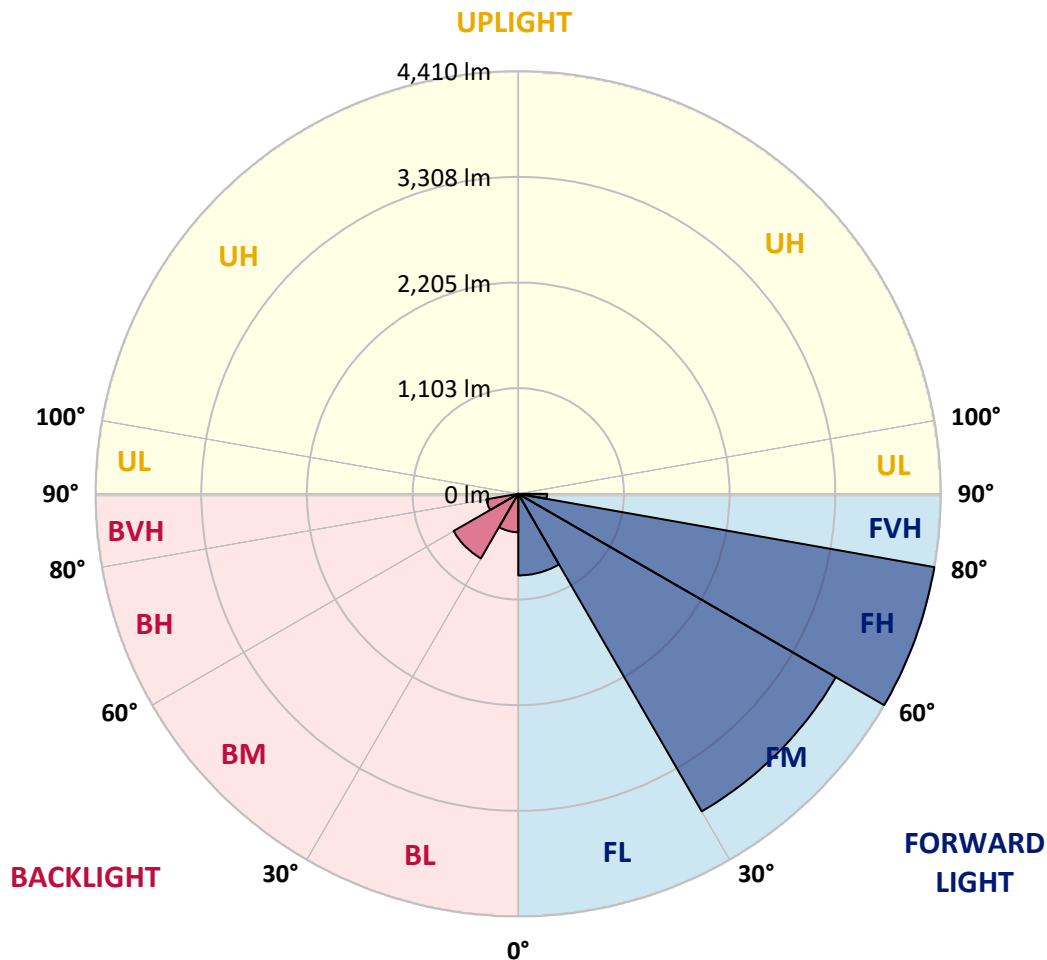
REPORT NUMBER: P963944
 CATALOG NUMBER: NVN-SB3B-722-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 851.6 | 7.8 | | | |
| FM (30°-60°) | 3826.7 | 35.0 | | | |
| FH (60°-80°) | 4410.5 | 40.4 | | | G2/5000 |
| FVH (80°-90°) | 300.4 | 2.8 | | | G3/500 |
| BL (0°-30°) | 400.8 | 3.7 | B1/500 | | |
| BM (30°-60°) | 778.6 | 7.1 | B1/1000 | | |
| BH (60°-80°) | 337.6 | 3.1 | B1/500 | | G1/500 |
| BVH (80°-90°) | 12.0 | 0.1 | | | G1/100 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G3

Type IV Short



REPORT NUMBER: P963944
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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1511.9 | 1511.9 | 1511.9 | 1511.9 | 1511.9 | 1511.9 | 1511.9 | 1511.9 | 1511.9 | 1511.9 | 1511.9 |
| 2.5° | 1708.2 | 1678.8 | 1661.5 | 1618.7 | 1575.7 | 1541.2 | 1494.6 | 1463.7 | 1426.8 | 1391.5 | 1359.9 |
| 5° | 1903.7 | 1856.3 | 1799.2 | 1721.0 | 1649.4 | 1576.6 | 1505.8 | 1435.8 | 1362.1 | 1294.5 | 1253.1 |
| 7.5° | 2069.2 | 2000.7 | 1899.9 | 1796.1 | 1705.2 | 1617.1 | 1534.4 | 1441.9 | 1352.4 | 1246.3 | 1189.9 |
| 10° | 2195.5 | 2108.3 | 1975.9 | 1839.8 | 1735.2 | 1646.5 | 1566.0 | 1487.8 | 1397.5 | 1269.7 | 1198.9 |
| 12.5° | 2272.2 | 2179.0 | 2021.8 | 1862.3 | 1742.7 | 1643.5 | 1581.1 | 1546.4 | 1511.1 | 1384.0 | 1301.2 |
| 15° | 2328.7 | 2227.8 | 2054.1 | 1878.1 | 1725.5 | 1603.6 | 1557.7 | 1592.3 | 1632.9 | 1551.7 | 1456.2 |
| 17.5° | 2387.3 | 2281.3 | 2096.2 | 1884.9 | 1678.8 | 1526.1 | 1506.5 | 1596.0 | 1690.1 | 1686.3 | 1591.5 |
| 20° | 2443.0 | 2337.7 | 2133.1 | 1880.4 | 1603.6 | 1432.1 | 1449.5 | 1563.7 | 1672.8 | 1718.7 | 1667.6 |
| 22.5° | 2506.9 | 2395.6 | 2168.5 | 1863.1 | 1505.8 | 1344.1 | 1398.3 | 1512.6 | 1608.1 | 1662.2 | 1646.5 |
| 25° | 2585.2 | 2468.6 | 2218.1 | 1837.5 | 1400.6 | 1271.1 | 1346.3 | 1453.1 | 1530.6 | 1568.2 | 1567.5 |
| 27.5° | 2669.4 | 2555.8 | 2284.3 | 1824.0 | 1315.5 | 1219.2 | 1287.7 | 1382.4 | 1451.7 | 1477.9 | 1477.9 |
| 30° | 2774.0 | 2657.4 | 2362.5 | 1808.9 | 1259.8 | 1189.2 | 1226.7 | 1300.5 | 1368.2 | 1394.5 | 1394.5 |
| 32.5° | 2888.2 | 2770.2 | 2437.8 | 1772.8 | 1226.0 | 1166.6 | 1167.4 | 1214.0 | 1275.6 | 1307.3 | 1311.8 |
| 35° | 3031.2 | 2905.6 | 2518.2 | 1693.8 | 1198.9 | 1140.3 | 1109.5 | 1132.0 | 1183.2 | 1220.8 | 1230.5 |
| 37.5° | 3235.0 | 3083.1 | 2616.7 | 1581.1 | 1159.1 | 1099.6 | 1048.5 | 1053.8 | 1092.9 | 1134.3 | 1149.3 |
| 40° | 3516.4 | 3321.5 | 2732.5 | 1463.7 | 1101.9 | 1042.5 | 981.5 | 979.3 | 1007.9 | 1048.5 | 1065.1 |
| 42.5° | 3896.9 | 3636.7 | 2871.7 | 1351.7 | 1047.0 | 973.3 | 910.8 | 907.1 | 929.7 | 965.0 | 982.4 |
| 45° | 4399.4 | 4039.8 | 3042.5 | 1255.3 | 1004.1 | 905.6 | 843.9 | 842.4 | 861.2 | 892.1 | 910.1 |
| 47.5° | 5042.5 | 4600.2 | 3213.2 | 1189.9 | 981.5 | 852.2 | 789.0 | 792.0 | 808.5 | 836.4 | 849.2 |
| 50° | 5875.1 | 5330.5 | 3265.1 | 1156.8 | 981.5 | 823.6 | 740.2 | 755.1 | 768.7 | 789.8 | 797.2 |
| 52.5° | 6873.2 | 6031.5 | 3093.7 | 1126.7 | 987.6 | 827.4 | 698.7 | 731.1 | 740.9 | 758.9 | 762.0 |
| 55° | 7798.4 | 6375.3 | 2659.7 | 1085.4 | 989.1 | 850.6 | 663.4 | 711.6 | 729.6 | 736.4 | 735.6 |
| 57.5° | 8335.4 | 6257.2 | 2150.4 | 1015.4 | 983.1 | 866.5 | 640.8 | 687.5 | 722.1 | 726.6 | 719.9 |
| 60° | 8233.1 | 5842.7 | 1583.3 | 962.0 | 938.7 | 860.5 | 634.1 | 650.6 | 705.5 | 712.3 | 703.3 |
| 62.5° | 7444.9 | 5147.8 | 1098.9 | 920.7 | 840.9 | 834.1 | 631.8 | 592.7 | 669.4 | 685.9 | 673.2 |
| 65° | 5984.2 | 4052.6 | 776.2 | 792.7 | 737.1 | 776.9 | 619.8 | 532.5 | 625.8 | 648.3 | 628.8 |
| 67.5° | 4341.5 | 2742.4 | 560.4 | 642.4 | 667.9 | 684.5 | 592.7 | 488.9 | 576.2 | 606.3 | 580.7 |
| 70° | 2786.0 | 1481.0 | 393.4 | 424.2 | 562.6 | 581.4 | 546.0 | 449.8 | 525.7 | 560.4 | 532.5 |
| 72.5° | 1980.4 | 874.7 | 282.8 | 297.1 | 452.0 | 484.4 | 480.6 | 406.2 | 467.1 | 509.2 | 476.1 |
| 75° | 1366.6 | 482.2 | 191.1 | 212.1 | 327.9 | 393.4 | 370.8 | 349.0 | 395.6 | 438.5 | 406.2 |
| 77.5° | 856.7 | 215.9 | 114.3 | 147.4 | 215.1 | 309.1 | 254.2 | 270.0 | 308.4 | 348.3 | 314.4 |
| 80° | 476.8 | 83.5 | 64.0 | 97.8 | 117.4 | 224.9 | 140.6 | 173.7 | 227.1 | 255.7 | 228.7 |
| 82.5° | 103.8 | 10.6 | 28.6 | 42.1 | 45.9 | 130.9 | 74.4 | 100.8 | 142.9 | 140.6 | 121.9 |
| 85° | 0.0 | 0.0 | 5.2 | 6.0 | 3.0 | 56.4 | 27.1 | 33.1 | 46.6 | 43.7 | 33.1 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 | 0.0 |
| 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-SB3B-722-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° | 185° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1511.9 | 1511.9 | 1511.9 | 1511.9 | 1511.9 | 1511.9 | 1511.9 | 1511.9 | 1511.9 | 1511.9 | 1511.9 |
| 2.5° | 1353.9 | 1317.0 | 1290.0 | 1276.4 | 1265.2 | 1275.6 | 1281.7 | 1281.7 | 1307.3 | 1322.2 | 1328.3 |
| 5° | 1226.7 | 1160.6 | 1110.2 | 1076.4 | 1056.1 | 1062.8 | 1070.3 | 1078.6 | 1110.9 | 1132.7 | 1147.1 |
| 7.5° | 1138.8 | 1037.2 | 960.5 | 913.1 | 888.3 | 892.1 | 897.3 | 904.0 | 935.7 | 957.5 | 976.3 |
| 10° | 1122.2 | 976.3 | 868.0 | 805.5 | 775.5 | 770.2 | 767.2 | 765.0 | 783.7 | 800.3 | 815.4 |
| 12.5° | 1189.9 | 979.3 | 828.1 | 752.1 | 715.3 | 699.5 | 681.4 | 667.2 | 670.1 | 680.7 | 699.5 |
| 15° | 1311.0 | 1017.6 | 815.4 | 724.4 | 678.4 | 652.1 | 631.1 | 613.8 | 610.0 | 613.8 | 616.7 |
| 17.5° | 1449.5 | 1069.6 | 813.8 | 700.3 | 643.1 | 616.0 | 598.7 | 582.9 | 577.7 | 578.4 | 582.2 |
| 20° | 1541.2 | 1110.9 | 809.3 | 673.2 | 609.3 | 585.2 | 570.1 | 554.3 | 549.1 | 550.6 | 551.3 |
| 22.5° | 1550.2 | 1132.7 | 802.6 | 643.1 | 575.4 | 555.1 | 540.1 | 525.7 | 525.0 | 525.0 | 529.5 |
| 25° | 1501.3 | 1132.7 | 788.2 | 616.0 | 543.0 | 525.0 | 511.5 | 494.2 | 497.1 | 498.7 | 504.7 |
| 27.5° | 1425.4 | 1105.7 | 761.2 | 594.2 | 515.3 | 496.4 | 482.9 | 467.1 | 470.9 | 473.1 | 479.9 |
| 30° | 1350.1 | 1071.0 | 728.9 | 569.4 | 488.9 | 467.1 | 457.4 | 443.7 | 445.3 | 448.3 | 455.8 |
| 32.5° | 1280.1 | 1034.2 | 690.4 | 549.1 | 462.6 | 440.7 | 433.3 | 418.2 | 420.5 | 423.4 | 431.7 |
| 35° | 1210.9 | 993.6 | 645.3 | 525.0 | 438.5 | 416.7 | 410.7 | 393.4 | 394.9 | 399.4 | 408.5 |
| 37.5° | 1136.5 | 950.7 | 608.5 | 500.9 | 415.2 | 392.6 | 386.6 | 368.6 | 370.0 | 375.4 | 385.8 |
| 40° | 1058.3 | 908.6 | 572.4 | 475.4 | 390.3 | 367.8 | 362.5 | 343.0 | 344.5 | 350.5 | 361.8 |
| 42.5° | 979.3 | 862.7 | 544.6 | 442.3 | 364.8 | 340.7 | 335.5 | 317.4 | 319.7 | 326.5 | 337.7 |
| 45° | 906.3 | 807.8 | 526.5 | 405.4 | 340.7 | 313.6 | 308.4 | 291.8 | 296.3 | 303.9 | 315.2 |
| 47.5° | 843.9 | 751.4 | 519.0 | 374.5 | 315.2 | 285.8 | 281.3 | 267.7 | 275.3 | 283.5 | 292.6 |
| 50° | 790.5 | 697.2 | 509.2 | 343.0 | 291.1 | 261.8 | 257.3 | 248.3 | 258.0 | 266.3 | 274.5 |
| 52.5° | 752.1 | 635.6 | 488.1 | 314.4 | 270.0 | 241.5 | 240.0 | 235.4 | 244.5 | 251.9 | 259.5 |
| 55° | 719.0 | 571.6 | 454.3 | 289.6 | 251.2 | 224.2 | 225.6 | 223.3 | 230.9 | 237.0 | 243.7 |
| 57.5° | 689.0 | 516.0 | 411.4 | 270.0 | 230.9 | 209.1 | 213.6 | 210.6 | 214.3 | 218.1 | 226.4 |
| 60° | 652.8 | 459.6 | 360.3 | 248.3 | 206.8 | 194.0 | 199.4 | 191.1 | 190.3 | 191.8 | 194.0 |
| 62.5° | 599.4 | 383.6 | 306.9 | 221.1 | 185.8 | 177.5 | 179.8 | 164.0 | 151.9 | 151.9 | 154.2 |
| 65° | 525.0 | 308.4 | 257.3 | 191.1 | 161.7 | 155.0 | 153.4 | 130.9 | 114.3 | 112.9 | 119.6 |
| 67.5° | 438.5 | 253.5 | 213.6 | 160.9 | 134.7 | 130.1 | 131.6 | 115.1 | 98.5 | 97.1 | 104.6 |
| 70° | 357.3 | 209.8 | 172.2 | 128.6 | 103.8 | 108.3 | 115.1 | 98.5 | 82.7 | 80.5 | 87.2 |
| 72.5° | 290.4 | 167.0 | 134.7 | 98.5 | 76.7 | 89.5 | 97.8 | 80.5 | 65.4 | 64.0 | 69.9 |
| 75° | 224.2 | 122.6 | 96.2 | 66.9 | 55.7 | 69.2 | 76.7 | 58.6 | 46.6 | 44.4 | 49.6 |
| 77.5° | 149.6 | 76.0 | 54.1 | 42.1 | 33.1 | 47.4 | 51.1 | 30.9 | 27.1 | 26.3 | 30.1 |
| 80° | 91.0 | 35.4 | 23.3 | 20.3 | 11.3 | 17.3 | 20.3 | 12.8 | 14.2 | 15.1 | 18.0 |
| 82.5° | 45.9 | 9.7 | 3.8 | 0.7 | 0.0 | 0.0 | 6.0 | 3.0 | 6.0 | 7.5 | 11.3 |
| 85° | 3.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 | 3.8 | 6.8 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 |
| 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):

| | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° | 285° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| 0° | 1511.9 | 1511.9 | 1511.9 | 1511.9 | 1511.9 | 1511.9 | 1511.9 | 1511.9 | 1511.9 | 1511.9 | 1511.9 |
| 2.5° | 1370.4 | 1402.0 | 1432.1 | 1480.2 | 1529.9 | 1578.8 | 1628.4 | 1676.6 | 1693.8 | 1706.6 | 1735.2 |
| 5° | 1212.5 | 1271.9 | 1341.1 | 1436.6 | 1538.9 | 1644.2 | 1751.0 | 1848.8 | 1893.2 | 1923.3 | 1991.0 |
| 7.5° | 1049.3 | 1126.7 | 1226.0 | 1369.7 | 1529.9 | 1697.6 | 1865.4 | 2019.6 | 2091.0 | 2148.9 | 2251.9 |
| 10° | 887.5 | 971.8 | 1097.4 | 1261.4 | 1477.9 | 1718.7 | 1950.4 | 2162.4 | 2255.0 | 2327.9 | 2467.8 |
| 12.5° | 745.4 | 824.4 | 956.0 | 1137.2 | 1396.8 | 1702.1 | 1999.3 | 2254.2 | 2363.2 | 2445.2 | 2598.7 |
| 15° | 645.3 | 701.0 | 817.6 | 1013.1 | 1300.5 | 1648.7 | 2002.2 | 2297.8 | 2417.5 | 2503.2 | 2636.3 |
| 17.5° | 589.7 | 608.5 | 684.5 | 886.8 | 1193.7 | 1578.8 | 1974.5 | 2312.9 | 2440.7 | 2520.5 | 2613.0 |
| 20° | 559.6 | 562.6 | 583.6 | 722.8 | 1056.8 | 1513.3 | 1948.1 | 2327.9 | 2462.6 | 2529.5 | 2557.4 |
| 22.5° | 535.6 | 535.6 | 540.8 | 591.2 | 880.1 | 1435.1 | 1939.8 | 2354.2 | 2492.7 | 2534.0 | 2476.8 |
| 25° | 513.7 | 513.7 | 515.3 | 528.8 | 697.2 | 1315.5 | 1934.6 | 2394.9 | 2534.0 | 2545.3 | 2388.1 |
| 27.5° | 491.2 | 491.9 | 491.9 | 499.5 | 561.9 | 1153.0 | 1911.9 | 2447.5 | 2583.6 | 2560.3 | 2303.1 |
| 30° | 468.6 | 470.1 | 470.1 | 475.4 | 497.1 | 962.8 | 1867.7 | 2510.7 | 2648.4 | 2579.9 | 2218.8 |
| 32.5° | 446.1 | 447.5 | 447.5 | 452.0 | 467.8 | 768.7 | 1812.0 | 2568.6 | 2713.8 | 2588.1 | 2140.6 |
| 35° | 422.7 | 425.0 | 423.4 | 429.5 | 446.1 | 611.5 | 1741.3 | 2626.6 | 2784.5 | 2614.5 | 2102.3 |
| 37.5° | 399.4 | 400.9 | 400.2 | 406.2 | 425.0 | 528.0 | 1659.3 | 2670.1 | 2880.8 | 2673.2 | 2148.2 |
| 40° | 376.1 | 375.4 | 375.4 | 382.1 | 402.4 | 504.0 | 1556.3 | 2739.3 | 3019.1 | 2776.2 | 2348.3 |
| 42.5° | 352.0 | 352.0 | 350.5 | 358.0 | 382.8 | 485.8 | 1457.7 | 2863.4 | 3220.8 | 2940.2 | 2703.2 |
| 45° | 330.2 | 329.4 | 326.5 | 333.2 | 364.1 | 454.3 | 1423.1 | 3095.1 | 3518.6 | 3205.7 | 3132.7 |
| 47.5° | 309.1 | 308.4 | 300.8 | 306.9 | 341.5 | 425.7 | 1552.5 | 3474.2 | 3931.5 | 3596.1 | 3535.1 |
| 50° | 290.4 | 291.1 | 276.8 | 282.1 | 318.9 | 404.0 | 1833.0 | 3966.1 | 4479.9 | 4121.8 | 3916.5 |
| 52.5° | 273.1 | 273.1 | 254.2 | 257.3 | 291.1 | 384.4 | 2100.0 | 4499.4 | 5203.4 | 4855.2 | 4361.0 |
| 55° | 255.7 | 254.2 | 233.2 | 234.6 | 263.2 | 356.5 | 2139.9 | 5019.9 | 6190.3 | 5958.6 | 4968.8 |
| 57.5° | 236.2 | 233.2 | 213.6 | 213.6 | 237.7 | 336.2 | 1854.8 | 5420.0 | 7414.7 | 7580.3 | 5845.0 |
| 60° | 212.1 | 209.8 | 197.1 | 193.3 | 217.4 | 354.2 | 1308.7 | 5466.6 | 8204.5 | 9736.7 | 7523.1 |
| 62.5° | 181.2 | 184.3 | 177.5 | 172.2 | 197.8 | 367.8 | 775.5 | 5091.4 | 8013.4 | 10422.6 | 9532.8 |
| 65° | 142.9 | 155.0 | 153.4 | 149.6 | 217.4 | 309.9 | 458.1 | 4370.8 | 7427.6 | 9869.0 | 9122.9 |
| 67.5° | 121.9 | 130.1 | 127.8 | 127.8 | 227.9 | 235.4 | 288.0 | 3414.8 | 6621.2 | 9212.4 | 8148.9 |
| 70° | 103.8 | 112.0 | 103.8 | 103.8 | 172.2 | 142.9 | 199.4 | 2384.4 | 5751.0 | 8485.9 | 7509.6 |
| 72.5° | 85.8 | 94.0 | 85.0 | 79.0 | 137.7 | 106.8 | 146.0 | 1490.0 | 4925.1 | 7729.1 | 7071.8 |
| 75° | 65.4 | 75.2 | 68.5 | 60.9 | 91.0 | 79.7 | 110.6 | 865.7 | 4080.4 | 6613.0 | 6448.3 |
| 77.5° | 41.4 | 54.1 | 51.1 | 42.8 | 66.9 | 57.9 | 79.7 | 515.3 | 3148.5 | 5167.3 | 5546.4 |
| 80° | 25.5 | 27.9 | 28.6 | 27.1 | 38.3 | 39.2 | 54.1 | 293.4 | 2155.0 | 3601.3 | 4333.2 |
| 82.5° | 16.5 | 16.5 | 12.8 | 14.2 | 18.8 | 22.5 | 30.9 | 110.6 | 1266.6 | 2192.6 | 3016.2 |
| 85° | 12.0 | 10.6 | 6.8 | 6.8 | 9.0 | 11.3 | 12.0 | 33.8 | 513.7 | 865.7 | 1179.4 |
| 87.5° | 6.0 | 5.2 | 2.3 | 3.0 | 4.5 | 3.8 | 3.0 | 1.5 | 129.4 | 276.8 | 194.0 |
| 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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