

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: P965585

Luminaire Tested: **NVN-SB4A-730-U-SLL-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P965585
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-SB4A-730-U-SLL-HSS
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(4) 70 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14064 lumens
Efficiency: N/A
Efficacy: 123.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

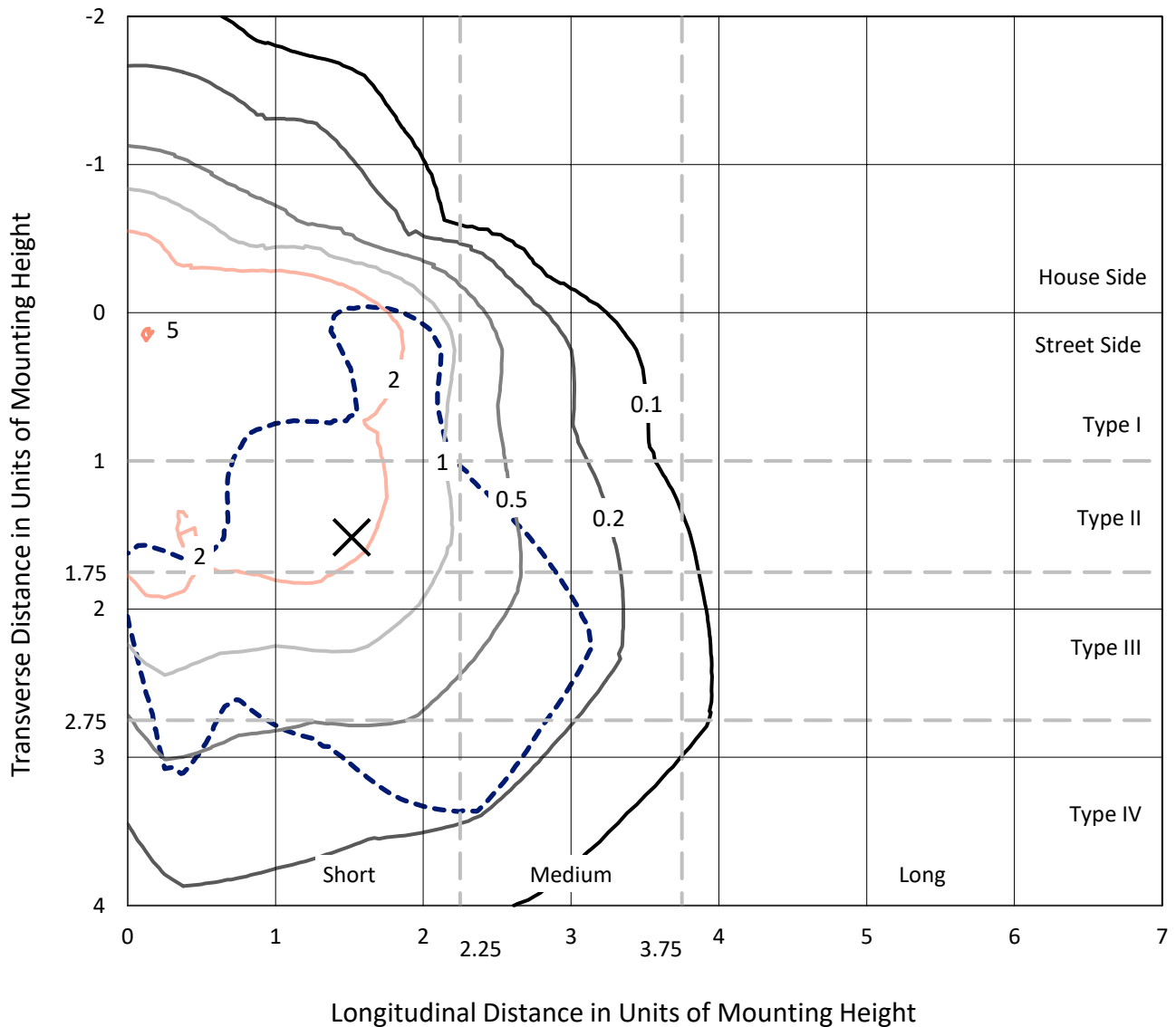
Input Watts (W): 114
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P965585
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Iso-Footcandle Lines of Horizontal Illumination

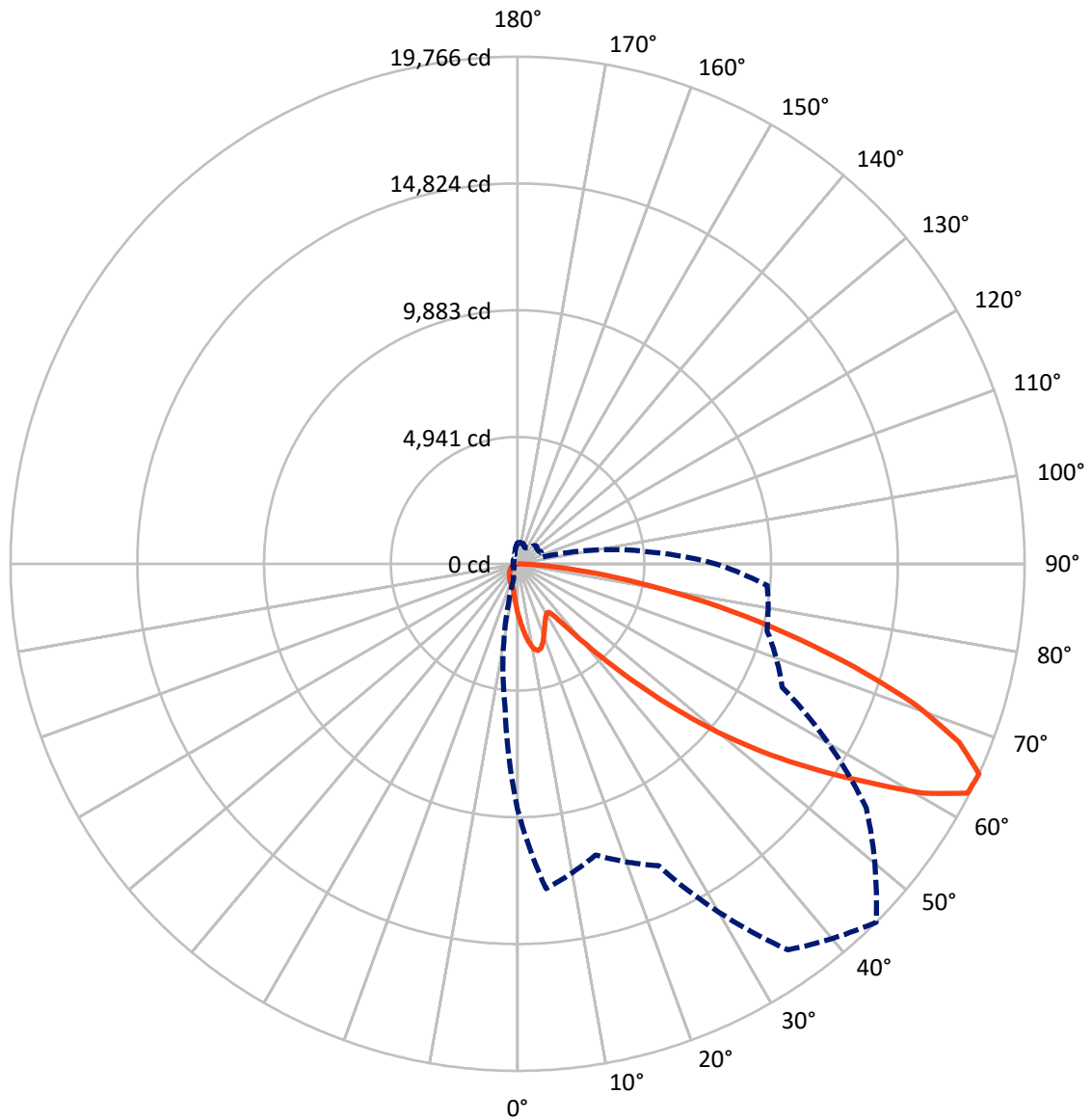
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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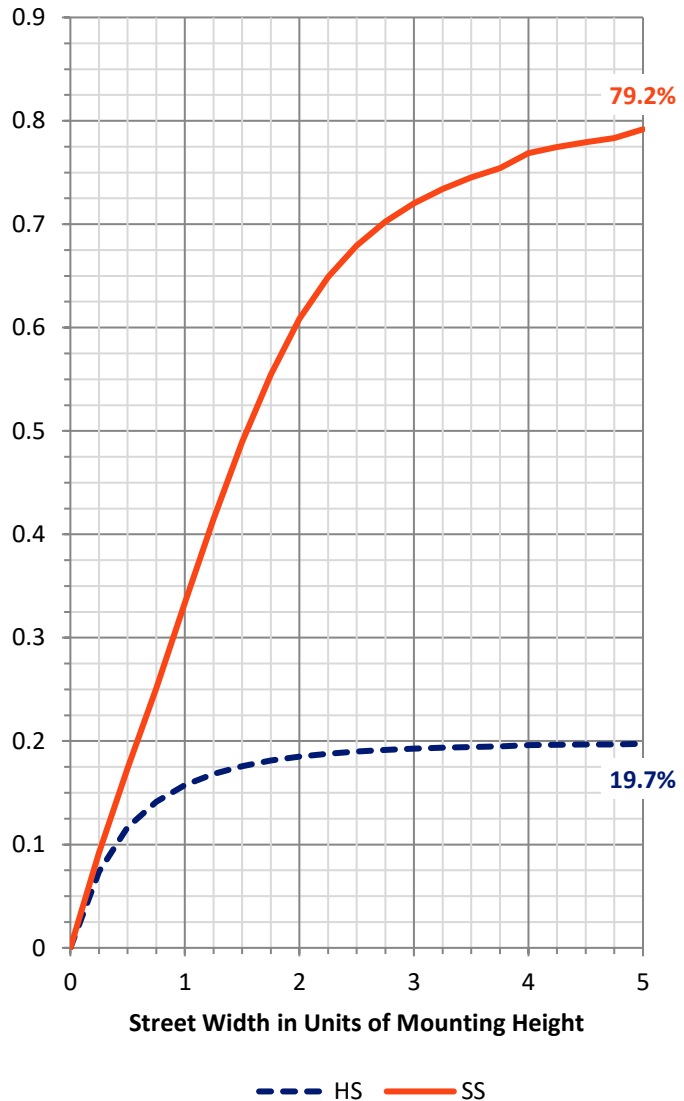
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 2795.5 | 0.0 | 2795.5 |
| | % Fixture | 19.9 | 0.0 | 19.9 |
| Street Side | Lumens | 11268.5 | 0.0 | 11268.5 |
| | % Fixture | 80.1 | 0.0 | 80.1 |
| Total | Lumens | 14064.0 | 0.0 | 14064.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 191.7 | 1.4 |
| 10°-20° | 574.7 | 4.1 |
| 20°-30° | 846.7 | 6.0 |
| 30°-40° | 1087.8 | 7.7 |
| 40°-50° | 1759.3 | 12.5 |
| 50°-60° | 3085.1 | 21.9 |
| 60°-70° | 3860.3 | 27.4 |
| 70°-80° | 2255.8 | 16.0 |
| 80°-90° | 402.5 | 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° | 14064.0 | 100.0 |
| 0°-180° | 14064.0 | 100.0 |

Coefficient of Utilization



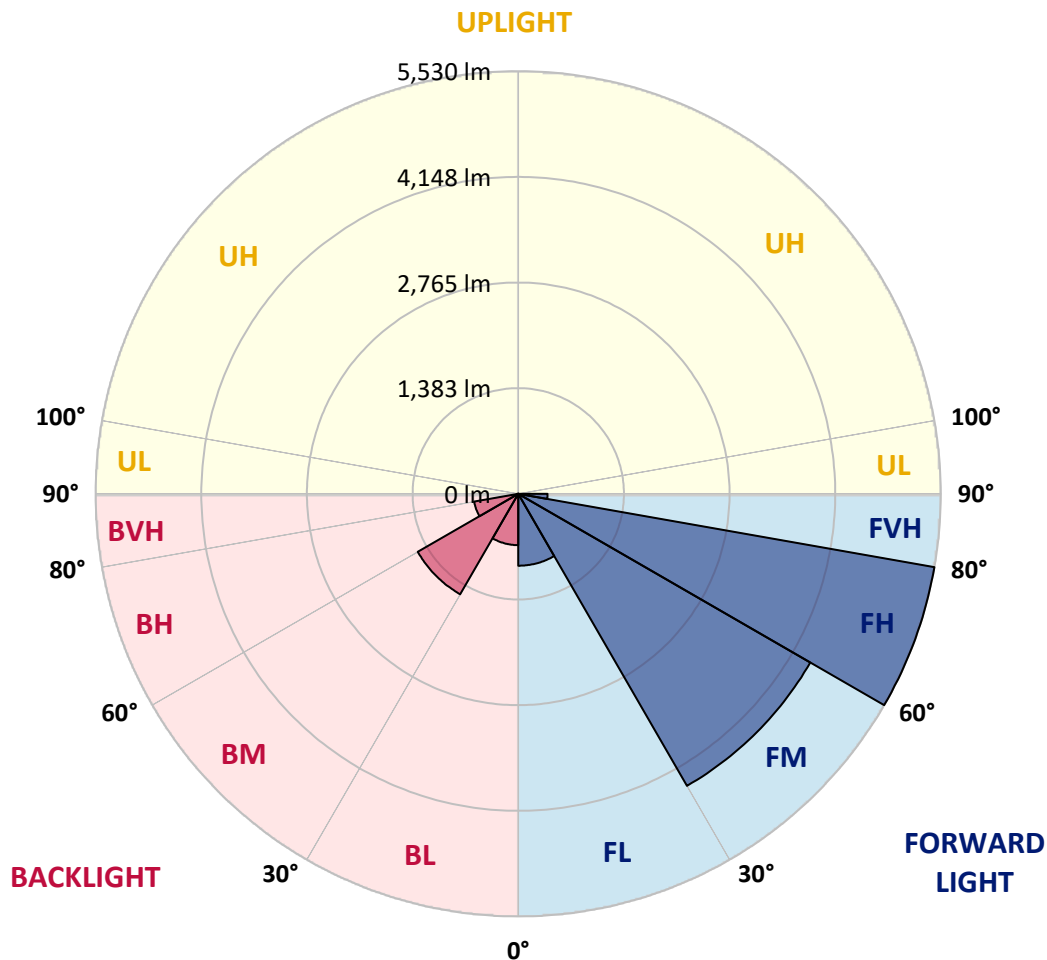
REPORT NUMBER: P965585
 CATALOG NUMBER: NVN-SB4A-730-U-SLL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 941.0 | 6.7 | | | |
| FM (30°-60°) | 4413.5 | 31.4 | | | |
| FH (60°-80°) | 5530.4 | 39.3 | | | G3/7500 |
| FVH (80°-90°) | 383.6 | 2.7 | | | G3/500 |
| BL (0°-30°) | 672.2 | 4.8 | B2/1000 | | |
| BM (30°-60°) | 1518.8 | 10.8 | B2/2500 | | |
| BH (60°-80°) | 585.7 | 4.2 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 18.9 | 0.1 | | | G1/100 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B2-U0-G3

Type IV Short



REPORT NUMBER: P965585
 CATALOG NUMBER: NVN-SB4A-730-U-SLL-HSS

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 1947.4 | 1947.4 | 1947.4 | 1947.4 | 1947.4 | 1947.4 | 1947.4 | 1947.4 | 1947.4 | 1947.4 | 1947.4 |
| 2.5° | 2181.9 | 2198.3 | 2235.2 | 2254.6 | 2284.6 | 2286.6 | 2286.6 | 2260.3 | 2259.4 | 2206.1 | 2200.3 |
| 5° | 2438.7 | 2477.4 | 2564.5 | 2654.6 | 2674.0 | 2678.9 | 2669.2 | 2616.9 | 2578.2 | 2474.5 | 2452.2 |
| 7.5° | 2693.4 | 2768.0 | 2900.7 | 3020.9 | 3059.6 | 3059.6 | 3036.5 | 2951.2 | 2871.7 | 2721.6 | 2665.3 |
| 10° | 2904.6 | 2998.6 | 3178.8 | 3313.5 | 3358.1 | 3348.4 | 3300.9 | 3193.4 | 3083.9 | 2901.8 | 2828.1 |
| 12.5° | 3044.1 | 3149.8 | 3347.4 | 3455.9 | 3501.5 | 3476.3 | 3422.1 | 3317.4 | 3202.1 | 3010.2 | 2927.0 |
| 15° | 3114.0 | 3224.3 | 3395.8 | 3453.0 | 3440.4 | 3414.3 | 3407.5 | 3357.1 | 3270.0 | 3090.7 | 2999.6 |
| 17.5° | 3144.0 | 3246.7 | 3365.8 | 3330.0 | 3223.4 | 3203.0 | 3270.9 | 3334.8 | 3313.5 | 3160.5 | 3075.2 |
| 20° | 3172.1 | 3258.3 | 3294.1 | 3135.3 | 2949.2 | 2930.8 | 3060.6 | 3242.8 | 3335.8 | 3225.4 | 3146.9 |
| 22.5° | 3210.8 | 3264.1 | 3190.5 | 2929.9 | 2729.3 | 2686.6 | 2830.0 | 3104.2 | 3342.6 | 3307.7 | 3229.3 |
| 25° | 3264.1 | 3278.7 | 3076.1 | 2735.1 | 2533.6 | 2491.0 | 2624.6 | 2950.2 | 3330.9 | 3396.8 | 3330.0 |
| 27.5° | 3328.1 | 3298.0 | 2966.7 | 2572.3 | 2377.6 | 2337.8 | 2471.6 | 2801.9 | 3298.0 | 3486.0 | 3438.5 |
| 30° | 3411.4 | 3323.3 | 2858.1 | 2446.4 | 2266.2 | 2237.1 | 2366.0 | 2674.0 | 3257.3 | 3599.3 | 3573.2 |
| 32.5° | 3495.7 | 3333.8 | 2757.4 | 2372.8 | 2241.0 | 2251.6 | 2357.3 | 2605.2 | 3212.8 | 3707.8 | 3720.4 |
| 35° | 3586.8 | 3367.7 | 2707.9 | 2445.4 | 2451.2 | 2544.3 | 2587.8 | 2669.2 | 3206.0 | 3855.1 | 3904.5 |
| 37.5° | 3710.7 | 3443.4 | 2767.1 | 2806.8 | 3008.4 | 3201.2 | 3165.3 | 2982.1 | 3284.4 | 4075.1 | 4167.0 |
| 40° | 3889.1 | 3576.1 | 3024.8 | 3422.1 | 3835.8 | 4148.7 | 4012.1 | 3550.9 | 3524.8 | 4391.8 | 4529.5 |
| 42.5° | 4148.7 | 3787.3 | 3482.1 | 4173.9 | 4875.3 | 5390.8 | 5024.5 | 4284.3 | 3945.2 | 4844.4 | 5019.7 |
| 45° | 4532.3 | 4129.3 | 4035.3 | 4967.4 | 6157.2 | 6969.1 | 6207.5 | 5066.2 | 4534.3 | 5529.3 | 5666.9 |
| 47.5° | 5064.2 | 4632.2 | 4553.7 | 5803.4 | 7715.1 | 8765.3 | 7519.4 | 5790.9 | 5204.7 | 6463.3 | 6495.2 |
| 50° | 5770.5 | 5309.4 | 5044.8 | 6718.1 | 9423.1 | 10596.4 | 8830.3 | 6490.4 | 5973.1 | 7604.6 | 7567.8 |
| 52.5° | 6702.6 | 6254.0 | 5617.5 | 7589.1 | 11179.8 | 12388.9 | 10146.9 | 7104.7 | 6926.4 | 8929.1 | 8853.4 |
| 55° | 7973.8 | 7675.3 | 6400.3 | 8420.4 | 12935.3 | 14191.9 | 11412.2 | 7684.0 | 8186.0 | 10502.5 | 10045.2 |
| 57.5° | 9551.1 | 9764.3 | 7529.0 | 9384.4 | 14513.6 | 16050.2 | 12683.5 | 8494.1 | 9821.3 | 12262.0 | 10737.0 |
| 60° | 10568.4 | 12541.9 | 9690.6 | 10809.6 | 16306.9 | 18151.7 | 14425.4 | 10034.5 | 11540.2 | 12892.7 | 10605.2 |
| 62.5° | 10322.3 | 13425.6 | 12279.4 | 12629.1 | 17955.9 | 19679.6 | 16132.6 | 11581.8 | 11863.8 | 11963.5 | 9589.8 |
| 65° | 9567.6 | 12712.5 | 11751.3 | 12982.8 | 18373.5 | 19765.8 | 16588.9 | 11382.2 | 10063.6 | 9767.1 | 7708.3 |
| 67.5° | 8528.9 | 11866.6 | 10496.7 | 12044.9 | 17618.8 | 18560.5 | 15739.2 | 10068.5 | 7777.1 | 7329.5 | 5592.3 |
| 70° | 7408.0 | 10930.7 | 9673.1 | 10992.7 | 16180.0 | 16460.1 | 14294.6 | 8855.4 | 5720.2 | 4949.9 | 3588.6 |
| 72.5° | 6344.1 | 9956.0 | 9109.3 | 9914.4 | 14260.7 | 13681.3 | 12414.1 | 7782.9 | 4165.2 | 3570.3 | 2551.0 |
| 75° | 5256.1 | 8518.3 | 8306.1 | 8633.6 | 11736.9 | 10776.6 | 10314.6 | 6443.9 | 3268.9 | 2583.0 | 1760.4 |
| 77.5° | 4055.6 | 6656.1 | 7144.5 | 6913.8 | 8261.5 | 8004.7 | 7995.1 | 4842.4 | 2388.2 | 1723.6 | 1103.5 |
| 80° | 2775.8 | 4638.9 | 5581.6 | 4877.3 | 5361.7 | 5230.9 | 6021.5 | 3248.6 | 1732.4 | 1037.6 | 614.3 |
| 82.5° | 1631.6 | 2824.3 | 3885.2 | 2361.1 | 2964.7 | 3043.2 | 3585.8 | 1580.2 | 1019.3 | 239.3 | 133.7 |
| 85° | 661.7 | 1115.2 | 1519.2 | 924.3 | 1430.1 | 1206.2 | 1361.3 | 443.7 | 283.9 | 5.8 | 0.0 |
| 87.5° | 166.7 | 356.5 | 250.0 | 103.6 | 165.6 | 152.1 | 120.1 | 54.2 | 11.6 | 0.0 | 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-SB4A-730-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° | 185° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1947.4 | 1947.4 | 1947.4 | 1947.4 | 1947.4 | 1947.4 | 1947.4 | 1947.4 | 1947.4 | 1947.4 | 1947.4 |
| 2.5° | 2162.5 | 2140.2 | 2085.0 | 2029.8 | 1985.2 | 1925.2 | 1885.4 | 1837.9 | 1792.4 | 1751.7 | 1743.9 |
| 5° | 2391.1 | 2317.5 | 2216.8 | 2124.7 | 2030.7 | 1939.7 | 1849.6 | 1754.6 | 1667.4 | 1614.2 | 1580.2 |
| 7.5° | 2577.2 | 2447.4 | 2313.6 | 2196.4 | 2083.1 | 1976.5 | 1857.3 | 1742.0 | 1605.5 | 1532.8 | 1466.9 |
| 10° | 2715.7 | 2545.2 | 2369.8 | 2235.2 | 2120.8 | 2017.2 | 1916.4 | 1800.1 | 1635.5 | 1544.4 | 1445.6 |
| 12.5° | 2806.8 | 2604.3 | 2398.9 | 2244.9 | 2116.9 | 2036.6 | 1992.0 | 1946.5 | 1782.7 | 1676.2 | 1532.8 |
| 15° | 2869.8 | 2645.9 | 2419.2 | 2222.6 | 2065.6 | 2006.5 | 2051.1 | 2103.4 | 1998.7 | 1875.7 | 1688.7 |
| 17.5° | 2938.6 | 2700.3 | 2428.0 | 2162.5 | 1965.8 | 1940.6 | 2055.9 | 2177.0 | 2172.2 | 2050.1 | 1867.0 |
| 20° | 3011.2 | 2747.7 | 2422.2 | 2065.6 | 1844.7 | 1867.0 | 2014.2 | 2154.8 | 2213.9 | 2148.0 | 1985.2 |
| 22.5° | 3085.9 | 2793.2 | 2399.8 | 1939.7 | 1731.3 | 1801.1 | 1948.4 | 2071.4 | 2141.2 | 2120.8 | 1996.8 |
| 25° | 3179.9 | 2857.2 | 2366.9 | 1804.0 | 1637.3 | 1734.3 | 1871.9 | 1971.7 | 2020.1 | 2019.1 | 1933.9 |
| 27.5° | 3292.2 | 2942.5 | 2349.5 | 1694.5 | 1570.5 | 1658.7 | 1780.7 | 1869.9 | 1903.8 | 1903.8 | 1836.0 |
| 30° | 3423.0 | 3043.2 | 2330.1 | 1622.9 | 1531.8 | 1580.2 | 1675.2 | 1762.4 | 1796.3 | 1796.3 | 1739.1 |
| 32.5° | 3568.3 | 3140.1 | 2283.6 | 1579.2 | 1502.8 | 1503.7 | 1563.7 | 1643.2 | 1683.9 | 1689.7 | 1649.0 |
| 35° | 3742.7 | 3243.7 | 2181.9 | 1544.4 | 1468.8 | 1429.1 | 1458.2 | 1524.1 | 1572.5 | 1585.1 | 1559.8 |
| 37.5° | 3971.4 | 3370.7 | 2036.6 | 1493.0 | 1416.4 | 1350.6 | 1357.4 | 1407.7 | 1461.0 | 1480.4 | 1463.9 |
| 40° | 4278.6 | 3519.8 | 1885.4 | 1419.4 | 1342.9 | 1264.3 | 1261.5 | 1298.3 | 1350.6 | 1372.0 | 1363.1 |
| 42.5° | 4684.5 | 3699.1 | 1741.1 | 1348.7 | 1253.7 | 1173.3 | 1168.5 | 1197.5 | 1243.0 | 1265.4 | 1261.5 |
| 45° | 5203.7 | 3919.1 | 1617.0 | 1293.4 | 1166.6 | 1087.1 | 1085.2 | 1109.4 | 1149.0 | 1172.3 | 1167.5 |
| 47.5° | 5925.5 | 4139.0 | 1532.8 | 1264.3 | 1097.7 | 1016.4 | 1020.2 | 1041.5 | 1077.4 | 1093.9 | 1087.1 |
| 50° | 6866.4 | 4205.9 | 1490.1 | 1264.3 | 1060.9 | 953.4 | 972.7 | 990.1 | 1017.3 | 1026.9 | 1018.2 |
| 52.5° | 7769.3 | 3984.9 | 1451.4 | 1272.1 | 1065.8 | 900.1 | 941.8 | 954.4 | 977.5 | 981.4 | 968.8 |
| 55° | 8212.1 | 3425.9 | 1398.1 | 1274.1 | 1095.8 | 854.5 | 916.6 | 939.8 | 948.5 | 947.5 | 926.2 |
| 57.5° | 8060.0 | 2770.0 | 1308.0 | 1266.3 | 1116.1 | 825.4 | 885.5 | 930.1 | 935.9 | 927.2 | 887.4 |
| 60° | 7526.2 | 2039.4 | 1239.2 | 1209.2 | 1108.3 | 816.7 | 838.0 | 908.8 | 917.5 | 905.9 | 841.0 |
| 62.5° | 6630.9 | 1415.5 | 1185.9 | 1083.2 | 1074.5 | 813.8 | 763.4 | 862.3 | 883.7 | 867.2 | 772.2 |
| 65° | 5220.2 | 999.9 | 1021.2 | 949.5 | 1000.8 | 798.4 | 685.9 | 806.1 | 835.2 | 810.0 | 676.3 |
| 67.5° | 3532.5 | 721.8 | 827.4 | 860.4 | 881.7 | 763.4 | 629.8 | 742.1 | 780.9 | 747.9 | 564.9 |
| 70° | 1907.7 | 506.8 | 546.4 | 724.7 | 749.0 | 703.4 | 579.3 | 677.2 | 721.8 | 685.9 | 460.2 |
| 72.5° | 1126.8 | 364.3 | 382.7 | 582.3 | 623.9 | 619.1 | 523.2 | 601.7 | 655.9 | 613.3 | 374.0 |
| 75° | 621.0 | 246.1 | 273.3 | 422.4 | 506.8 | 477.6 | 449.6 | 509.6 | 564.9 | 523.2 | 288.7 |
| 77.5° | 278.1 | 147.3 | 189.9 | 277.1 | 398.2 | 327.5 | 347.8 | 397.2 | 448.5 | 405.0 | 192.8 |
| 80° | 107.5 | 82.3 | 126.0 | 151.2 | 289.7 | 181.2 | 223.8 | 292.6 | 329.4 | 294.6 | 117.3 |
| 82.5° | 13.5 | 36.8 | 54.2 | 59.1 | 168.6 | 95.9 | 129.9 | 184.1 | 181.2 | 156.9 | 59.1 |
| 85° | 0.0 | 6.8 | 7.8 | 3.9 | 72.7 | 34.8 | 42.6 | 60.1 | 56.2 | 42.6 | 4.8 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.9 | 0.0 | 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-SB4A-730-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

| | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° | 285° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1947.4 | 1947.4 | 1947.4 | 1947.4 | 1947.4 | 1947.4 | 1947.4 | 1947.4 | 1947.4 | 1947.4 | 1947.4 |
| 2.5° | 1696.5 | 1661.6 | 1644.2 | 1629.6 | 1643.2 | 1651.0 | 1651.0 | 1683.9 | 1703.2 | 1711.0 | 1765.3 |
| 5° | 1495.0 | 1430.1 | 1386.4 | 1360.3 | 1369.0 | 1378.7 | 1389.4 | 1431.0 | 1459.1 | 1477.5 | 1561.8 |
| 7.5° | 1336.1 | 1237.3 | 1176.2 | 1144.2 | 1149.0 | 1155.9 | 1164.6 | 1205.3 | 1233.4 | 1257.6 | 1351.6 |
| 10° | 1257.6 | 1118.1 | 1037.6 | 998.9 | 992.1 | 988.2 | 985.3 | 1009.5 | 1030.8 | 1050.2 | 1143.3 |
| 12.5° | 1261.5 | 1066.7 | 968.8 | 921.4 | 901.1 | 877.8 | 859.4 | 863.3 | 876.8 | 901.1 | 960.1 |
| 15° | 1310.9 | 1050.2 | 933.1 | 873.9 | 840.0 | 812.9 | 790.6 | 785.8 | 790.6 | 794.5 | 831.3 |
| 17.5° | 1377.7 | 1048.3 | 902.0 | 828.4 | 793.5 | 771.2 | 750.9 | 744.0 | 745.1 | 749.9 | 759.6 |
| 20° | 1431.0 | 1042.5 | 867.2 | 784.7 | 753.8 | 734.4 | 714.0 | 707.2 | 709.2 | 710.2 | 720.9 |
| 22.5° | 1459.1 | 1033.8 | 828.4 | 741.2 | 715.0 | 695.7 | 677.2 | 676.3 | 676.3 | 682.0 | 689.8 |
| 25° | 1459.1 | 1015.4 | 793.5 | 699.6 | 676.3 | 658.9 | 636.5 | 640.4 | 642.4 | 650.2 | 661.7 |
| 27.5° | 1424.2 | 980.5 | 765.4 | 663.7 | 639.5 | 622.0 | 601.7 | 606.5 | 609.5 | 618.2 | 632.6 |
| 30° | 1379.6 | 938.8 | 733.4 | 629.8 | 601.7 | 589.1 | 571.6 | 573.6 | 577.5 | 587.1 | 603.6 |
| 32.5° | 1332.2 | 889.4 | 707.2 | 595.8 | 567.7 | 558.1 | 538.6 | 541.6 | 545.5 | 556.2 | 574.5 |
| 35° | 1279.9 | 831.3 | 676.3 | 564.9 | 536.8 | 529.0 | 506.8 | 508.6 | 514.4 | 526.1 | 544.5 |
| 37.5° | 1224.7 | 783.8 | 645.2 | 534.8 | 505.7 | 498.0 | 474.8 | 476.7 | 483.5 | 497.0 | 514.4 |
| 40° | 1170.3 | 737.3 | 612.3 | 502.9 | 473.8 | 467.0 | 441.8 | 443.7 | 451.5 | 466.1 | 484.4 |
| 42.5° | 1111.3 | 701.4 | 569.7 | 469.9 | 438.9 | 432.1 | 408.9 | 411.7 | 420.5 | 435.0 | 453.5 |
| 45° | 1040.6 | 678.2 | 522.2 | 438.9 | 404.1 | 397.2 | 376.0 | 381.7 | 391.4 | 406.0 | 425.4 |
| 47.5° | 967.9 | 668.5 | 482.5 | 406.0 | 368.2 | 362.3 | 344.9 | 354.6 | 365.3 | 376.9 | 398.2 |
| 50° | 898.1 | 655.9 | 441.8 | 374.9 | 337.1 | 331.4 | 319.7 | 332.3 | 343.0 | 353.6 | 374.0 |
| 52.5° | 818.7 | 628.8 | 405.0 | 347.8 | 311.0 | 309.0 | 303.3 | 314.9 | 324.6 | 334.3 | 351.7 |
| 55° | 736.4 | 585.2 | 373.0 | 323.6 | 288.7 | 290.7 | 287.7 | 297.5 | 305.1 | 314.0 | 329.4 |
| 57.5° | 664.6 | 529.9 | 347.8 | 297.5 | 269.4 | 275.1 | 271.3 | 276.1 | 281.0 | 291.6 | 304.2 |
| 60° | 591.9 | 464.1 | 319.7 | 266.4 | 250.0 | 256.8 | 246.1 | 245.1 | 247.0 | 250.0 | 273.3 |
| 62.5° | 494.2 | 395.3 | 284.8 | 239.3 | 228.7 | 231.5 | 211.3 | 195.7 | 195.7 | 198.6 | 233.5 |
| 65° | 397.2 | 331.4 | 246.1 | 208.3 | 199.6 | 197.6 | 168.6 | 147.3 | 145.3 | 154.1 | 184.1 |
| 67.5° | 326.5 | 275.1 | 207.4 | 173.4 | 167.6 | 169.5 | 148.2 | 126.9 | 124.9 | 134.7 | 156.9 |
| 70° | 270.3 | 221.9 | 165.6 | 133.7 | 139.5 | 148.2 | 126.9 | 106.6 | 103.6 | 112.3 | 133.7 |
| 72.5° | 215.0 | 173.4 | 126.9 | 98.8 | 115.3 | 126.0 | 103.6 | 84.3 | 82.3 | 90.1 | 110.5 |
| 75° | 158.0 | 124.0 | 86.2 | 71.6 | 89.2 | 98.8 | 75.5 | 60.1 | 57.2 | 64.0 | 84.3 |
| 77.5° | 97.9 | 69.8 | 54.2 | 42.6 | 61.0 | 65.9 | 39.8 | 34.8 | 33.9 | 38.7 | 53.3 |
| 80° | 45.5 | 30.0 | 26.1 | 14.6 | 22.2 | 26.1 | 16.5 | 18.4 | 19.4 | 23.3 | 32.9 |
| 82.5° | 12.6 | 4.8 | 0.9 | 0.0 | 0.0 | 7.8 | 3.9 | 7.8 | 9.7 | 14.6 | 21.3 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.9 | 4.8 | 8.7 | 15.5 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 7.8 |
| 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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| 87.5° | 6.8 | 2.9 | 3.9 | 5.8 | 4.8 | 3.9 | 1.9 | 166.7 |
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