

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: P967200

Luminaire Tested: **NVN-SB4D-735-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P967200
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-SB4D-735-U-SLR
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(4) 70 CRI, 3500K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 41652.9 lumens
Efficiency: N/A
Efficacy: 141.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

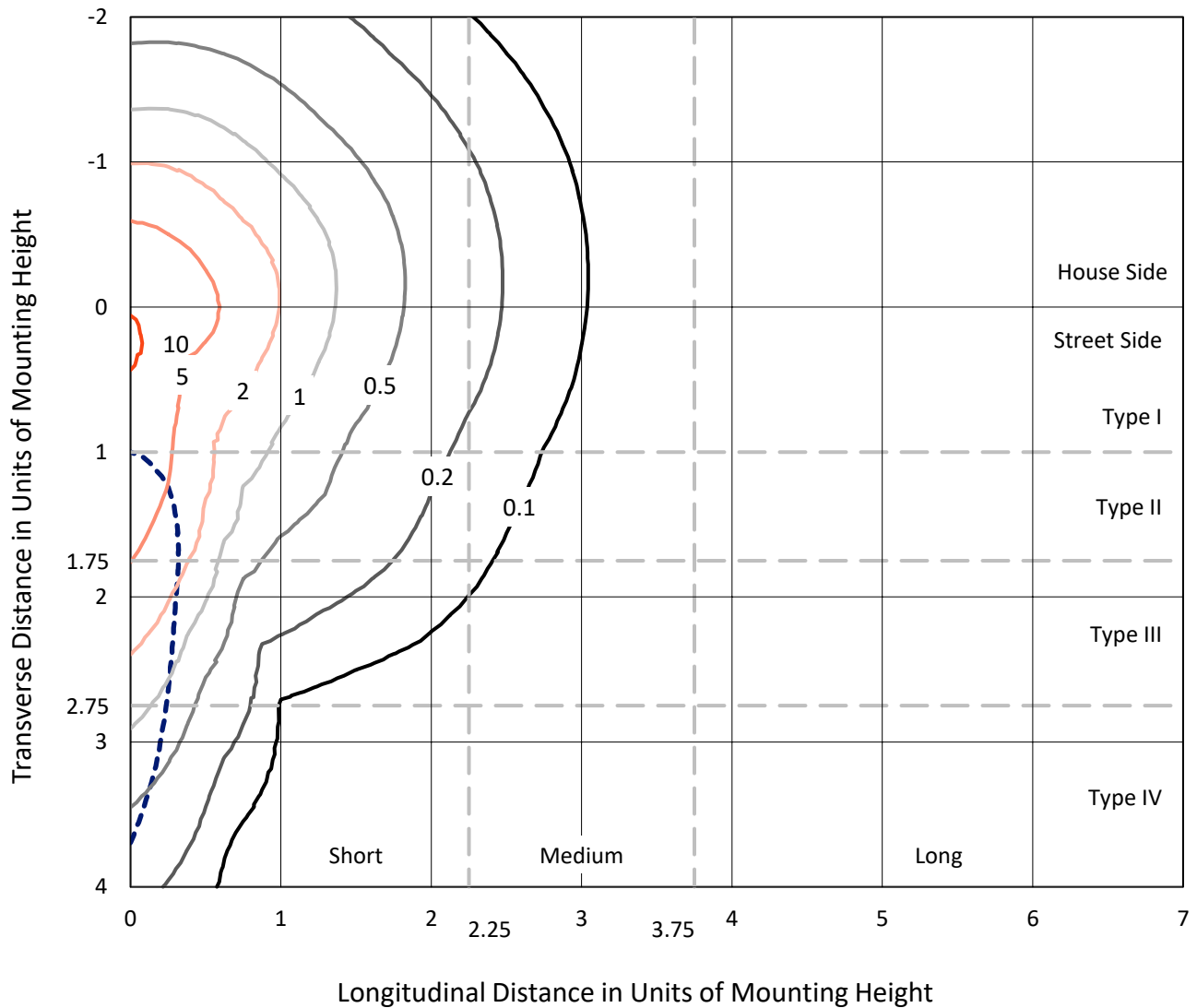
Input Watts (W): 293.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

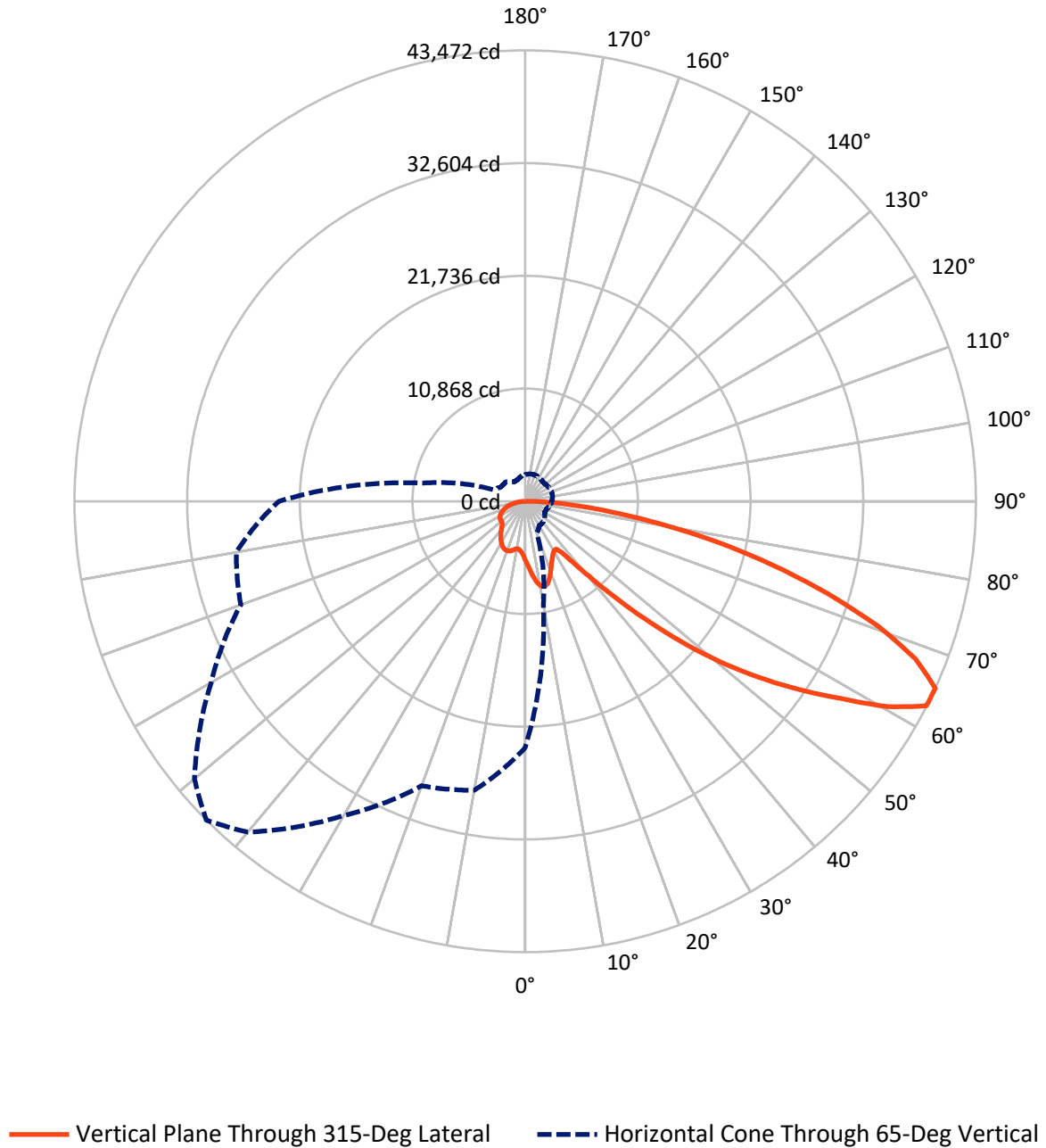
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.3 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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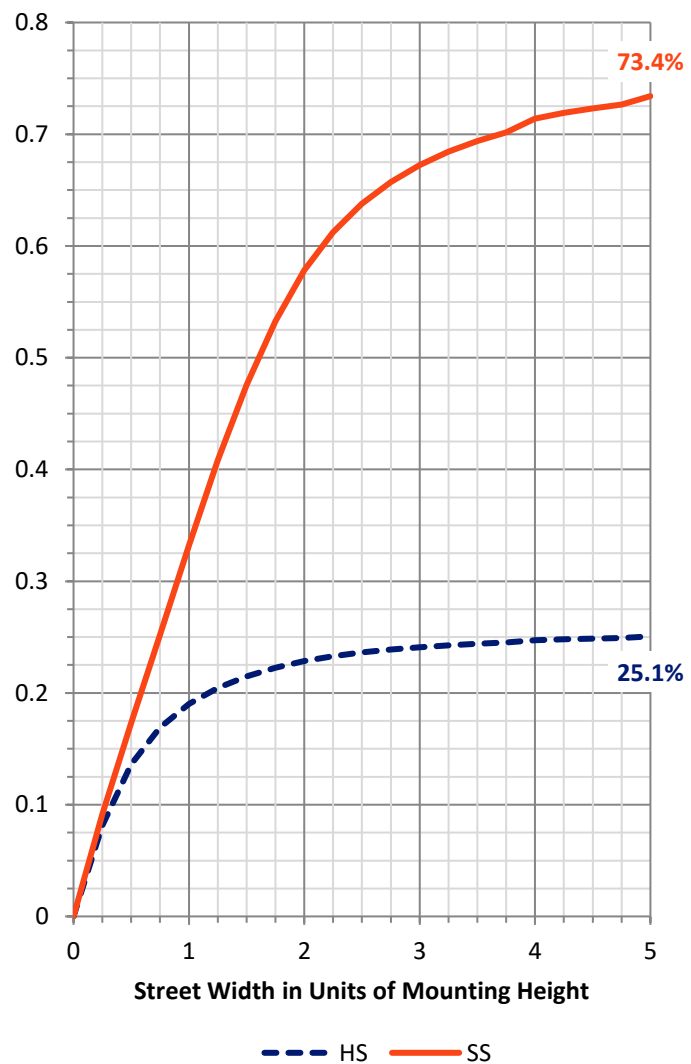
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 10586.1 | 0.0 | 10586.1 |
| | % Fixture | 25.4 | 0.0 | 25.4 |
| Street Side | Lumens | 31066.8 | 0.0 | 31066.8 |
| | % Fixture | 74.6 | 0.0 | 74.6 |
| Total | Lumens | 41652.9 | 0.0 | 41652.9 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 568.2 | 1.4 |
| 10°-20° | 1783.6 | 4.3 |
| 20°-30° | 2755.1 | 6.6 |
| 30°-40° | 3491.4 | 8.4 |
| 40°-50° | 5265.9 | 12.6 |
| 50°-60° | 8507.8 | 20.4 |
| 60°-70° | 10606.4 | 25.5 |
| 70°-80° | 6955.1 | 16.7 |
| 80°-90° | 1719.5 | 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° | 41652.9 | 100.0 |
| 0°-180° | 41652.9 | 100.0 |

Coefficient of Utilization



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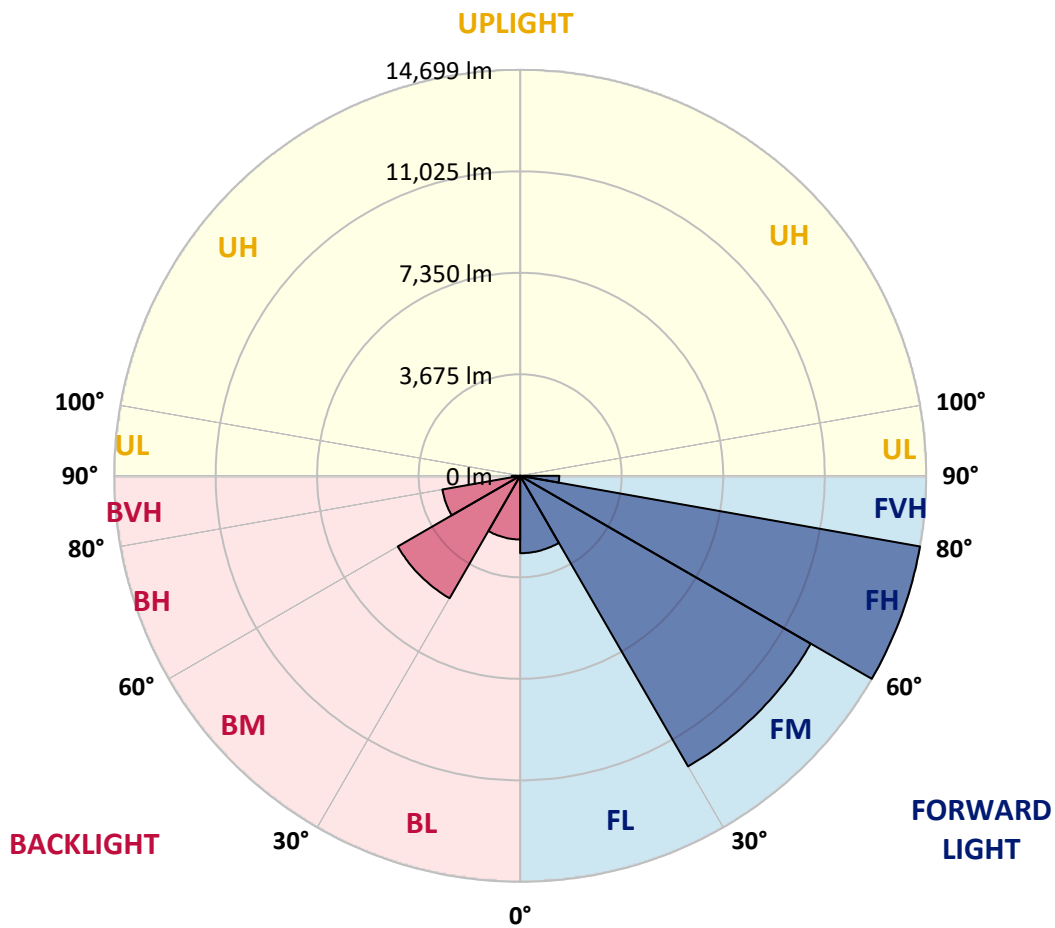
CATALOG NUMBER: NVN-SB4D-735-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 2801.6 | 6.7 | | | |
| FM (30°-60°) | 12149.2 | 29.2 | | | |
| FH (60°-80°) | 14699.5 | 35.3 | | | G5 |
| FVH (80°-90°) | 1416.5 | 3.4 | | | G5 |
| BL (0°-30°) | 2305.2 | 5.5 | B3/2500 | | |
| BM (30°-60°) | 5115.8 | 12.3 | B4/8500 | | |
| BH (60°-80°) | 2862.0 | 6.9 | B4/5000 | | G4/5000 |
| BVH (80°-90°) | 303.0 | 0.7 | | | G3/500 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B4-U0-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 |
| 2.5° | 6159.5 | 6112.3 | 6065.0 | 6014.7 | 5964.6 | 5914.0 | 5863.5 | 5815.1 | 5766.8 | 5719.9 | 5667.8 |
| 5° | 6623.2 | 6518.9 | 6414.4 | 6310.3 | 6206.4 | 6101.5 | 5996.9 | 5899.1 | 5801.3 | 5708.9 | 5617.7 |
| 7.5° | 7089.2 | 6916.9 | 6744.8 | 6585.7 | 6426.5 | 6271.6 | 6116.7 | 5980.2 | 5843.7 | 5717.8 | 5599.7 |
| 10° | 7446.3 | 7228.6 | 7010.8 | 6800.5 | 6590.3 | 6402.2 | 6213.8 | 6052.5 | 5890.7 | 5735.3 | 5608.5 |
| 12.5° | 7665.1 | 7425.7 | 7186.6 | 6948.4 | 6710.1 | 6488.1 | 6266.1 | 6083.5 | 5900.8 | 5737.5 | 5619.5 |
| 15° | 7798.0 | 7548.6 | 7299.1 | 7040.6 | 6782.2 | 6526.6 | 6271.0 | 6059.5 | 5848.0 | 5667.2 | 5572.7 |
| 17.5° | 7872.7 | 7619.7 | 7366.8 | 7084.8 | 6802.8 | 6506.1 | 6209.4 | 5955.1 | 5700.8 | 5488.1 | 5429.8 |
| 20° | 7955.1 | 7692.3 | 7429.2 | 7119.3 | 6809.4 | 6449.8 | 6090.2 | 5775.2 | 5460.0 | 5212.2 | 5196.9 |
| 22.5° | 8050.8 | 7782.2 | 7513.4 | 7165.9 | 6818.2 | 6380.8 | 5943.5 | 5563.9 | 5184.3 | 4902.4 | 4932.4 |
| 25° | 8173.9 | 7910.5 | 7647.4 | 7250.3 | 6852.9 | 6312.7 | 5772.7 | 5328.1 | 4883.6 | 4594.7 | 4675.9 |
| 27.5° | 8340.9 | 8089.9 | 7838.7 | 7382.2 | 6925.5 | 6267.3 | 5608.9 | 5112.5 | 4616.0 | 4352.9 | 4451.8 |
| 30° | 8566.1 | 8323.5 | 8081.1 | 7552.9 | 7024.8 | 6245.9 | 5466.5 | 4932.2 | 4398.0 | 4177.1 | 4254.7 |
| 32.5° | 8832.1 | 8591.9 | 8351.9 | 7731.2 | 7110.5 | 6219.5 | 5328.1 | 4776.8 | 4225.4 | 4047.4 | 4081.9 |
| 35° | 9155.2 | 8925.3 | 8695.2 | 7934.3 | 7173.4 | 6169.9 | 5166.7 | 4624.1 | 4081.4 | 3933.1 | 3918.8 |
| 37.5° | 9699.2 | 9406.0 | 9112.8 | 8161.8 | 7210.8 | 6084.8 | 4958.8 | 4444.3 | 3929.7 | 3800.1 | 3747.8 |
| 40° | 10521.2 | 10093.9 | 9666.7 | 8450.6 | 7234.2 | 5967.7 | 4701.3 | 4229.8 | 3758.4 | 3640.8 | 3560.5 |
| 42.5° | 11611.3 | 10994.6 | 10377.9 | 8828.4 | 7278.9 | 5846.8 | 4415.1 | 3993.1 | 3571.1 | 3462.8 | 3361.6 |
| 45° | 12957.5 | 12125.6 | 11293.8 | 9325.6 | 7357.3 | 5734.5 | 4111.8 | 3741.7 | 3371.5 | 3261.7 | 3163.9 |
| 47.5° | 14641.1 | 13470.2 | 12299.3 | 9855.3 | 7411.2 | 5641.7 | 3872.2 | 3542.7 | 3213.3 | 3071.5 | 2987.4 |
| 50° | 16847.7 | 15082.7 | 13317.3 | 10346.7 | 7376.0 | 5540.6 | 3705.2 | 3410.7 | 3116.1 | 2929.8 | 2832.0 |
| 52.5° | 19380.8 | 16776.3 | 14171.9 | 10665.8 | 7159.5 | 5369.9 | 3580.3 | 3323.6 | 3067.1 | 2852.8 | 2716.1 |
| 55° | 22077.6 | 18277.9 | 14478.4 | 10595.4 | 6712.3 | 5086.8 | 3461.2 | 3260.5 | 3059.8 | 2860.6 | 2654.5 |
| 57.5° | 24530.4 | 19342.1 | 14153.8 | 10100.6 | 6047.4 | 4687.6 | 3327.6 | 3185.8 | 3044.0 | 2868.3 | 2617.6 |
| 60° | 26012.9 | 19608.0 | 13203.0 | 9179.4 | 5155.8 | 4169.4 | 3182.9 | 3071.5 | 2960.1 | 2844.1 | 2582.9 |
| 62.5° | 25260.1 | 18488.2 | 11716.4 | 7933.8 | 4151.4 | 3549.1 | 2946.9 | 2872.9 | 2799.0 | 2784.7 | 2542.5 |
| 65° | 23753.5 | 16903.8 | 10054.1 | 6663.0 | 3272.2 | 2991.1 | 2710.0 | 2675.0 | 2640.1 | 2641.8 | 2457.2 |
| 67.5° | 21734.7 | 15018.2 | 8301.8 | 5418.2 | 2534.6 | 2454.8 | 2374.8 | 2394.4 | 2413.7 | 2408.9 | 2305.1 |
| 70° | 19309.4 | 12960.8 | 6612.3 | 4266.0 | 1919.8 | 1942.7 | 1965.3 | 2055.8 | 2146.2 | 2146.2 | 2112.1 |
| 72.5° | 16419.2 | 10730.4 | 5041.9 | 3261.4 | 1480.9 | 1549.7 | 1618.7 | 1747.1 | 1875.2 | 1896.8 | 1897.2 |
| 75° | 12763.0 | 8173.7 | 3584.3 | 2367.1 | 1149.9 | 1212.4 | 1274.8 | 1418.5 | 1562.2 | 1661.6 | 1653.2 |
| 77.5° | 9118.9 | 5720.8 | 2322.8 | 1604.0 | 885.3 | 927.7 | 970.4 | 1110.0 | 1249.5 | 1413.3 | 1408.9 |
| 80° | 5968.3 | 3685.8 | 1403.3 | 1033.4 | 663.8 | 681.3 | 698.9 | 817.1 | 935.2 | 1130.8 | 1130.2 |
| 82.5° | 3469.3 | 2133.2 | 797.3 | 635.6 | 474.3 | 477.3 | 480.9 | 568.0 | 655.0 | 822.0 | 831.3 |
| 85° | 1526.4 | 959.6 | 393.0 | 339.8 | 286.8 | 285.3 | 283.5 | 347.3 | 411.0 | 535.2 | 547.2 |
| 87.5° | 472.5 | 314.3 | 156.0 | 140.8 | 125.8 | 124.2 | 122.6 | 148.6 | 174.8 | 226.4 | 241.8 |
| 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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CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 |
| 2.5° | 5625.6 | 5583.7 | 5545.7 | 5507.8 | 5474.6 | 5441.5 | 5408.1 | 5374.9 | 5349.2 | 5323.2 | 5302.3 |
| 5° | 5538.2 | 5458.4 | 5391.6 | 5325.0 | 5266.0 | 5207.2 | 5153.8 | 5100.2 | 5059.1 | 5017.7 | 4989.0 |
| 7.5° | 5493.8 | 5388.0 | 5300.2 | 5212.2 | 5138.1 | 5063.9 | 4998.4 | 4933.1 | 4884.1 | 4835.3 | 4801.0 |
| 10° | 5496.9 | 5385.2 | 5297.3 | 5209.4 | 5129.6 | 5049.6 | 4976.0 | 4902.4 | 4843.8 | 4785.2 | 4747.0 |
| 12.5° | 5528.0 | 5437.1 | 5378.6 | 5320.6 | 5257.7 | 5195.3 | 5119.1 | 5043.0 | 4968.3 | 4893.6 | 4844.0 |
| 15° | 5529.0 | 5485.4 | 5493.4 | 5501.3 | 5485.0 | 5468.7 | 5402.6 | 5336.5 | 5230.1 | 5123.7 | 5048.5 |
| 17.5° | 5445.8 | 5461.7 | 5557.5 | 5653.4 | 5704.3 | 5755.1 | 5701.7 | 5648.5 | 5507.6 | 5366.8 | 5256.0 |
| 20° | 5271.6 | 5346.3 | 5512.7 | 5679.3 | 5785.9 | 5892.5 | 5867.8 | 5843.0 | 5681.9 | 5521.1 | 5385.2 |
| 22.5° | 5043.0 | 5153.6 | 5343.4 | 5533.8 | 5672.5 | 5811.1 | 5826.1 | 5840.9 | 5687.0 | 5533.2 | 5393.3 |
| 25° | 4803.5 | 4930.9 | 5101.7 | 5272.7 | 5409.1 | 5545.7 | 5596.6 | 5647.4 | 5521.3 | 5395.3 | 5271.0 |
| 27.5° | 4574.9 | 4698.0 | 4838.4 | 4978.6 | 5088.1 | 5197.5 | 5254.3 | 5311.1 | 5221.2 | 5131.6 | 5035.1 |
| 30° | 4352.3 | 4450.2 | 4566.7 | 4683.2 | 4773.9 | 4865.0 | 4911.1 | 4957.3 | 4888.9 | 4820.4 | 4751.4 |
| 32.5° | 4139.7 | 4197.5 | 4290.4 | 4383.6 | 4470.6 | 4558.0 | 4609.1 | 4660.6 | 4597.7 | 4534.6 | 4479.5 |
| 35° | 3934.7 | 3950.7 | 4021.7 | 4092.4 | 4178.6 | 4264.9 | 4326.5 | 4388.0 | 4343.2 | 4298.5 | 4247.6 |
| 37.5° | 3730.2 | 3712.7 | 3763.6 | 3814.4 | 3900.3 | 3986.5 | 4062.5 | 4138.5 | 4117.9 | 4097.2 | 4050.5 |
| 40° | 3520.8 | 3481.0 | 3517.7 | 3554.4 | 3637.4 | 3720.5 | 3808.0 | 3895.7 | 3900.7 | 3905.6 | 3865.8 |
| 42.5° | 3308.9 | 3256.1 | 3286.0 | 3316.2 | 3394.8 | 3473.7 | 3568.2 | 3662.7 | 3688.1 | 3713.3 | 3679.6 |
| 45° | 3112.4 | 3061.2 | 3086.3 | 3111.7 | 3186.4 | 3261.2 | 3359.2 | 3457.2 | 3493.5 | 3529.8 | 3499.5 |
| 47.5° | 2944.2 | 2901.2 | 2924.9 | 2948.4 | 3021.6 | 3094.6 | 3191.3 | 3288.0 | 3329.8 | 3371.5 | 3350.4 |
| 50° | 2793.7 | 2755.7 | 2792.6 | 2829.7 | 2898.8 | 2967.6 | 3054.2 | 3140.7 | 3194.4 | 3248.0 | 3246.7 |
| 52.5° | 2678.3 | 2640.7 | 2696.4 | 2751.7 | 2815.1 | 2878.1 | 2958.8 | 3039.6 | 3103.2 | 3166.6 | 3178.1 |
| 55° | 2594.8 | 2535.2 | 2614.2 | 2692.8 | 2760.9 | 2829.1 | 2899.8 | 2970.4 | 3037.7 | 3105.1 | 3120.9 |
| 57.5° | 2530.6 | 2443.6 | 2528.5 | 2613.2 | 2693.3 | 2773.2 | 2843.1 | 2913.3 | 2981.2 | 3048.9 | 3065.0 |
| 60° | 2470.1 | 2357.2 | 2431.7 | 2506.0 | 2597.9 | 2689.7 | 2760.7 | 2832.0 | 2900.0 | 2968.2 | 2985.8 |
| 62.5° | 2401.4 | 2260.5 | 2307.8 | 2355.0 | 2462.0 | 2569.3 | 2645.1 | 2721.0 | 2783.4 | 2845.8 | 2862.7 |
| 65° | 2307.3 | 2157.2 | 2175.5 | 2193.5 | 2308.2 | 2423.1 | 2495.7 | 2568.2 | 2623.2 | 2678.1 | 2695.4 |
| 67.5° | 2180.3 | 2055.4 | 2049.7 | 2044.1 | 2149.9 | 2256.1 | 2324.9 | 2393.5 | 2440.9 | 2488.4 | 2505.3 |
| 70° | 2023.4 | 1934.6 | 1914.8 | 1895.0 | 1988.2 | 2081.4 | 2140.7 | 2200.1 | 2242.9 | 2285.8 | 2302.0 |
| 72.5° | 1836.3 | 1775.4 | 1746.4 | 1717.6 | 1791.1 | 1864.3 | 1917.9 | 1971.5 | 2013.5 | 2055.4 | 2074.8 |
| 75° | 1606.4 | 1559.4 | 1531.7 | 1503.8 | 1558.3 | 1612.8 | 1661.3 | 1709.9 | 1748.1 | 1786.5 | 1806.7 |
| 77.5° | 1371.2 | 1333.6 | 1305.5 | 1277.4 | 1321.8 | 1366.0 | 1407.7 | 1449.5 | 1489.7 | 1529.7 | 1548.6 |
| 80° | 1098.7 | 1067.0 | 1043.6 | 1019.8 | 1056.8 | 1093.5 | 1128.6 | 1163.8 | 1194.3 | 1224.7 | 1249.7 |
| 82.5° | 815.8 | 800.4 | 783.7 | 767.0 | 763.9 | 760.9 | 748.6 | 736.3 | 801.3 | 866.4 | 909.1 |
| 85° | 530.7 | 514.3 | 495.6 | 476.9 | 461.1 | 445.1 | 411.0 | 376.9 | 437.8 | 498.9 | 551.7 |
| 87.5° | 235.1 | 228.6 | 225.1 | 221.5 | 220.9 | 220.3 | 194.3 | 168.1 | 193.6 | 219.4 | 240.7 |
| 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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 CATALOG NUMBER: NVN-SB4D-735-U-SLR

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 |
| 2.5° | 5281.5 | 5265.2 | 5248.9 | 5234.0 | 5218.8 | 5200.1 | 5218.8 | 5234.0 | 5248.9 | 5265.2 | 5281.5 |
| 5° | 4960.2 | 4939.7 | 4919.3 | 4903.7 | 4888.0 | 4872.6 | 4888.0 | 4903.7 | 4919.3 | 4939.7 | 4960.2 |
| 7.5° | 4766.8 | 4743.2 | 4719.9 | 4705.9 | 4692.0 | 4681.5 | 4692.0 | 4705.9 | 4719.9 | 4743.2 | 4766.8 |
| 10° | 4708.2 | 4686.1 | 4663.9 | 4652.0 | 4640.2 | 4635.3 | 4640.2 | 4652.0 | 4663.9 | 4686.1 | 4708.2 |
| 12.5° | 4794.6 | 4769.8 | 4745.2 | 4735.1 | 4724.9 | 4723.2 | 4724.9 | 4735.1 | 4745.2 | 4769.8 | 4794.6 |
| 15° | 4973.3 | 4938.9 | 4904.5 | 4891.3 | 4878.2 | 4877.1 | 4878.2 | 4891.3 | 4904.5 | 4938.9 | 4973.3 |
| 17.5° | 5145.2 | 5094.2 | 5043.0 | 5026.3 | 5009.4 | 5006.7 | 5009.4 | 5026.3 | 5043.0 | 5094.2 | 5145.2 |
| 20° | 5249.6 | 5184.3 | 5118.8 | 5097.9 | 5077.0 | 5070.5 | 5077.0 | 5097.9 | 5118.8 | 5184.3 | 5249.6 |
| 22.5° | 5253.3 | 5184.6 | 5115.6 | 5092.4 | 5069.3 | 5059.5 | 5069.3 | 5092.4 | 5115.6 | 5184.6 | 5253.3 |
| 25° | 5146.9 | 5087.2 | 5027.6 | 5005.9 | 4984.3 | 4971.6 | 4984.3 | 5005.9 | 5027.6 | 5087.2 | 5146.9 |
| 27.5° | 4938.6 | 4898.6 | 4858.4 | 4848.5 | 4838.6 | 4835.3 | 4838.6 | 4848.5 | 4858.4 | 4898.6 | 4938.6 |
| 30° | 4681.9 | 4661.5 | 4640.8 | 4640.8 | 4640.8 | 4644.1 | 4640.8 | 4640.8 | 4640.8 | 4661.5 | 4681.9 |
| 32.5° | 4424.3 | 4410.9 | 4397.5 | 4399.2 | 4401.2 | 4404.5 | 4401.2 | 4399.2 | 4397.5 | 4410.9 | 4424.3 |
| 35° | 4196.9 | 4176.4 | 4156.2 | 4151.8 | 4147.4 | 4145.2 | 4147.4 | 4151.8 | 4156.2 | 4176.4 | 4196.9 |
| 37.5° | 4003.4 | 3966.2 | 3929.3 | 3909.8 | 3890.2 | 3879.2 | 3890.2 | 3909.8 | 3929.3 | 3966.2 | 4003.4 |
| 40° | 3826.0 | 3772.0 | 3718.4 | 3681.9 | 3645.8 | 3624.3 | 3645.8 | 3681.9 | 3718.4 | 3772.0 | 3826.0 |
| 42.5° | 3646.2 | 3579.2 | 3512.2 | 3459.2 | 3406.3 | 3371.5 | 3406.3 | 3459.2 | 3512.2 | 3579.2 | 3646.2 |
| 45° | 3469.3 | 3392.6 | 3316.2 | 3254.0 | 3191.7 | 3151.8 | 3191.7 | 3254.0 | 3316.2 | 3392.6 | 3469.3 |
| 47.5° | 3329.3 | 3261.2 | 3193.1 | 3135.5 | 3078.1 | 3039.6 | 3078.1 | 3135.5 | 3193.1 | 3261.2 | 3329.3 |
| 50° | 3245.8 | 3191.3 | 3136.8 | 3083.6 | 3030.4 | 2993.5 | 3030.4 | 3083.6 | 3136.8 | 3191.3 | 3245.8 |
| 52.5° | 3189.5 | 3145.1 | 3100.7 | 3053.1 | 3005.6 | 2971.5 | 3005.6 | 3053.1 | 3100.7 | 3145.1 | 3189.5 |
| 55° | 3136.8 | 3098.1 | 3059.4 | 3017.7 | 2975.9 | 2945.1 | 2975.9 | 3017.7 | 3059.4 | 3098.1 | 3136.8 |
| 57.5° | 3080.9 | 3041.9 | 3002.7 | 2961.4 | 2919.8 | 2888.0 | 2919.8 | 2961.4 | 3002.7 | 3041.9 | 3080.9 |
| 60° | 3003.4 | 2965.1 | 2927.1 | 2884.5 | 2841.8 | 2808.9 | 2841.8 | 2884.5 | 2927.1 | 2965.1 | 3003.4 |
| 62.5° | 2879.6 | 2845.1 | 2810.7 | 2765.8 | 2721.0 | 2681.4 | 2721.0 | 2765.8 | 2810.7 | 2845.1 | 2879.6 |
| 65° | 2712.6 | 2679.5 | 2646.2 | 2602.7 | 2559.4 | 2525.4 | 2559.4 | 2602.7 | 2646.2 | 2679.5 | 2712.6 |
| 67.5° | 2522.0 | 2491.5 | 2461.1 | 2420.7 | 2380.3 | 2349.5 | 2380.3 | 2420.7 | 2461.1 | 2491.5 | 2522.0 |
| 70° | 2318.3 | 2293.4 | 2268.6 | 2230.0 | 2191.2 | 2156.1 | 2191.2 | 2230.0 | 2268.6 | 2293.4 | 2318.3 |
| 72.5° | 2094.1 | 2073.5 | 2052.8 | 2015.9 | 1979.2 | 1945.1 | 1979.2 | 2015.9 | 2052.8 | 2073.5 | 2094.1 |
| 75° | 1826.9 | 1816.7 | 1806.7 | 1775.6 | 1744.7 | 1712.2 | 1744.7 | 1775.6 | 1806.7 | 1816.7 | 1826.9 |
| 77.5° | 1567.5 | 1553.5 | 1538.9 | 1507.8 | 1476.5 | 1450.6 | 1476.5 | 1507.8 | 1538.9 | 1553.5 | 1567.5 |
| 80° | 1274.8 | 1268.6 | 1262.7 | 1220.7 | 1178.5 | 1129.7 | 1178.5 | 1220.7 | 1262.7 | 1268.6 | 1274.8 |
| 82.5° | 951.7 | 949.0 | 946.2 | 910.8 | 875.1 | 844.0 | 875.1 | 910.8 | 946.2 | 949.0 | 951.7 |
| 85° | 604.4 | 600.0 | 595.6 | 568.0 | 540.3 | 512.1 | 540.3 | 568.0 | 595.6 | 600.0 | 604.4 |
| 87.5° | 262.0 | 256.7 | 251.0 | 237.0 | 222.4 | 208.8 | 222.4 | 237.0 | 251.0 | 256.7 | 262.0 |
| 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-SB4D-735-U-SLR

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 |
| 2.5° | 5302.3 | 5323.2 | 5349.2 | 5374.9 | 5408.1 | 5441.5 | 5474.6 | 5507.8 | 5545.7 | 5583.7 | 5625.6 |
| 5° | 4989.0 | 5017.7 | 5059.1 | 5100.2 | 5153.8 | 5207.2 | 5266.0 | 5325.0 | 5391.6 | 5458.4 | 5538.2 |
| 7.5° | 4801.0 | 4835.3 | 4884.1 | 4933.1 | 4998.4 | 5063.9 | 5138.1 | 5212.2 | 5300.2 | 5388.0 | 5493.8 |
| 10° | 4747.0 | 4785.2 | 4843.8 | 4902.4 | 4976.0 | 5049.6 | 5129.6 | 5209.4 | 5297.3 | 5385.2 | 5496.9 |
| 12.5° | 4844.0 | 4893.6 | 4968.3 | 5043.0 | 5119.1 | 5195.3 | 5257.7 | 5320.6 | 5378.6 | 5437.1 | 5528.0 |
| 15° | 5048.5 | 5123.7 | 5230.1 | 5336.5 | 5402.6 | 5468.7 | 5485.0 | 5501.3 | 5493.4 | 5485.4 | 5529.0 |
| 17.5° | 5256.0 | 5366.8 | 5507.6 | 5648.5 | 5701.7 | 5755.1 | 5704.3 | 5653.4 | 5557.5 | 5461.7 | 5445.8 |
| 20° | 5385.2 | 5521.1 | 5681.9 | 5843.0 | 5867.8 | 5892.5 | 5785.9 | 5679.3 | 5512.7 | 5346.3 | 5271.6 |
| 22.5° | 5393.3 | 5533.2 | 5687.0 | 5840.9 | 5826.1 | 5811.1 | 5672.5 | 5533.8 | 5343.4 | 5153.6 | 5043.0 |
| 25° | 5271.0 | 5395.3 | 5521.3 | 5647.4 | 5596.6 | 5545.7 | 5409.1 | 5272.7 | 5101.7 | 4930.9 | 4803.5 |
| 27.5° | 5035.1 | 5131.6 | 5221.2 | 5311.1 | 5254.3 | 5197.5 | 5088.1 | 4978.6 | 4838.4 | 4698.0 | 4574.9 |
| 30° | 4751.4 | 4820.4 | 4888.9 | 4957.3 | 4911.1 | 4865.0 | 4773.9 | 4683.2 | 4566.7 | 4450.2 | 4352.3 |
| 32.5° | 4479.5 | 4534.6 | 4597.7 | 4660.6 | 4609.1 | 4558.0 | 4470.6 | 4383.6 | 4290.4 | 4197.5 | 4139.7 |
| 35° | 4247.6 | 4298.5 | 4343.2 | 4388.0 | 4326.5 | 4264.9 | 4178.6 | 4092.4 | 4021.7 | 3950.7 | 3934.7 |
| 37.5° | 4050.5 | 4097.2 | 4117.9 | 4138.5 | 4062.5 | 3986.5 | 3900.3 | 3814.4 | 3763.6 | 3712.7 | 3730.2 |
| 40° | 3865.8 | 3905.6 | 3900.7 | 3895.7 | 3808.0 | 3720.5 | 3637.4 | 3554.4 | 3517.7 | 3481.0 | 3520.8 |
| 42.5° | 3679.6 | 3713.3 | 3688.1 | 3662.7 | 3568.2 | 3473.7 | 3394.8 | 3316.2 | 3286.0 | 3256.1 | 3308.9 |
| 45° | 3499.5 | 3529.8 | 3493.5 | 3457.2 | 3359.2 | 3261.2 | 3186.4 | 3111.7 | 3086.3 | 3061.2 | 3112.4 |
| 47.5° | 3350.4 | 3371.5 | 3329.8 | 3288.0 | 3191.3 | 3094.6 | 3021.6 | 2948.4 | 2924.9 | 2901.2 | 2944.2 |
| 50° | 3246.7 | 3248.0 | 3194.4 | 3140.7 | 3054.2 | 2967.6 | 2898.8 | 2829.7 | 2792.6 | 2755.7 | 2793.7 |
| 52.5° | 3178.1 | 3166.6 | 3103.2 | 3039.6 | 2958.8 | 2878.1 | 2815.1 | 2751.7 | 2696.4 | 2640.7 | 2678.3 |
| 55° | 3120.9 | 3105.1 | 3037.7 | 2970.4 | 2899.8 | 2829.1 | 2760.9 | 2692.8 | 2614.2 | 2535.2 | 2594.8 |
| 57.5° | 3065.0 | 3048.9 | 2981.2 | 2913.3 | 2843.1 | 2773.2 | 2693.3 | 2613.2 | 2528.5 | 2443.6 | 2530.6 |
| 60° | 2985.8 | 2968.2 | 2900.0 | 2832.0 | 2760.7 | 2689.7 | 2597.9 | 2506.0 | 2431.7 | 2357.2 | 2470.1 |
| 62.5° | 2862.7 | 2845.8 | 2783.4 | 2721.0 | 2645.1 | 2569.3 | 2462.0 | 2355.0 | 2307.8 | 2260.5 | 2401.4 |
| 65° | 2695.4 | 2678.1 | 2623.2 | 2568.2 | 2495.7 | 2423.1 | 2308.2 | 2193.5 | 2175.5 | 2157.2 | 2307.3 |
| 67.5° | 2505.3 | 2488.4 | 2440.9 | 2393.5 | 2324.9 | 2256.1 | 2149.9 | 2044.1 | 2049.7 | 2055.4 | 2180.3 |
| 70° | 2302.0 | 2285.8 | 2242.9 | 2200.1 | 2140.7 | 2081.4 | 1988.2 | 1895.0 | 1914.8 | 1934.6 | 2023.4 |
| 72.5° | 2074.8 | 2055.4 | 2013.5 | 1971.5 | 1917.9 | 1864.3 | 1791.1 | 1717.6 | 1746.4 | 1775.4 | 1836.3 |
| 75° | 1806.7 | 1786.5 | 1748.1 | 1709.9 | 1661.3 | 1612.8 | 1558.3 | 1503.8 | 1531.7 | 1559.4 | 1606.4 |
| 77.5° | 1548.6 | 1529.7 | 1489.7 | 1449.5 | 1407.7 | 1366.0 | 1321.8 | 1277.4 | 1305.5 | 1333.6 | 1371.2 |
| 80° | 1249.7 | 1224.7 | 1194.3 | 1163.8 | 1128.6 | 1093.5 | 1056.8 | 1019.8 | 1043.6 | 1067.0 | 1098.7 |
| 82.5° | 909.1 | 866.4 | 801.3 | 736.3 | 748.6 | 760.9 | 763.9 | 767.0 | 783.7 | 800.4 | 815.8 |
| 85° | 551.7 | 498.9 | 437.8 | 376.9 | 411.0 | 445.1 | 461.1 | 476.9 | 495.6 | 514.3 | 530.7 |
| 87.5° | 240.7 | 219.4 | 193.6 | 168.1 | 194.3 | 220.3 | 220.9 | 221.5 | 225.1 | 228.6 | 235.1 |
| 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):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| 0° | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 |
| 2.5° | 5667.8 | 5719.9 | 5766.8 | 5815.1 | 5863.5 | 5914.0 | 5964.6 | 6014.7 | 6065.0 | 6112.3 | 6159.5 |
| 5° | 5617.7 | 5708.9 | 5801.3 | 5899.1 | 5996.9 | 6101.5 | 6206.4 | 6310.3 | 6414.4 | 6518.9 | 6623.2 |
| 7.5° | 5599.7 | 5717.8 | 5843.7 | 5980.2 | 6116.7 | 6271.6 | 6426.5 | 6585.7 | 6744.8 | 6916.9 | 7089.2 |
| 10° | 5608.5 | 5735.3 | 5890.7 | 6052.5 | 6213.8 | 6402.2 | 6590.3 | 6800.5 | 7010.8 | 7228.6 | 7446.3 |
| 12.5° | 5619.5 | 5737.5 | 5900.8 | 6083.5 | 6266.1 | 6488.1 | 6710.1 | 6948.4 | 7186.6 | 7425.7 | 7665.1 |
| 15° | 5572.7 | 5667.2 | 5848.0 | 6059.5 | 6271.0 | 6526.6 | 6782.2 | 7040.6 | 7299.1 | 7548.6 | 7798.0 |
| 17.5° | 5429.8 | 5488.1 | 5700.8 | 5955.1 | 6209.4 | 6506.1 | 6802.8 | 7084.8 | 7366.8 | 7619.7 | 7872.7 |
| 20° | 5196.9 | 5212.2 | 5460.0 | 5775.2 | 6090.2 | 6449.8 | 6809.4 | 7119.3 | 7429.2 | 7692.3 | 7955.1 |
| 22.5° | 4932.4 | 4902.4 | 5184.3 | 5563.9 | 5943.5 | 6380.8 | 6818.2 | 7165.9 | 7513.4 | 7782.2 | 8050.8 |
| 25° | 4675.9 | 4594.7 | 4883.6 | 5328.1 | 5772.7 | 6312.7 | 6852.9 | 7250.3 | 7647.4 | 7910.5 | 8173.9 |
| 27.5° | 4451.8 | 4352.9 | 4616.0 | 5112.5 | 5608.9 | 6267.3 | 6925.5 | 7382.2 | 7838.7 | 8089.9 | 8340.9 |
| 30° | 4254.7 | 4177.1 | 4398.0 | 4932.2 | 5466.5 | 6245.9 | 7024.8 | 7552.9 | 8081.1 | 8323.5 | 8566.1 |
| 32.5° | 4081.9 | 4047.4 | 4225.4 | 4776.8 | 5328.1 | 6219.5 | 7110.5 | 7731.2 | 8351.9 | 8591.9 | 8832.1 |
| 35° | 3918.8 | 3933.1 | 4081.4 | 4624.1 | 5166.7 | 6169.9 | 7173.4 | 7934.3 | 8695.2 | 8925.3 | 9155.2 |
| 37.5° | 3747.8 | 3800.1 | 3929.7 | 4444.3 | 4958.8 | 6084.8 | 7210.8 | 8161.8 | 9112.8 | 9406.0 | 9699.2 |
| 40° | 3560.5 | 3640.8 | 3758.4 | 4229.8 | 4701.3 | 5967.7 | 7234.2 | 8450.6 | 9666.7 | 10093.9 | 10521.2 |
| 42.5° | 3361.6 | 3462.8 | 3571.1 | 3993.1 | 4415.1 | 5846.8 | 7278.9 | 8828.4 | 10377.9 | 10994.6 | 11611.3 |
| 45° | 3163.9 | 3261.7 | 3371.5 | 3741.7 | 4111.8 | 5734.5 | 7357.3 | 9325.6 | 11293.8 | 12125.6 | 12957.5 |
| 47.5° | 2987.4 | 3071.5 | 3213.3 | 3542.7 | 3872.2 | 5641.7 | 7411.2 | 9855.3 | 12299.3 | 13470.2 | 14641.1 |
| 50° | 2832.0 | 2929.8 | 3116.1 | 3410.7 | 3705.2 | 5540.6 | 7376.0 | 10346.7 | 13317.3 | 15082.7 | 16847.7 |
| 52.5° | 2716.1 | 2852.8 | 3067.1 | 3323.6 | 3580.3 | 5369.9 | 7159.5 | 10665.8 | 14171.9 | 16776.3 | 19380.8 |
| 55° | 2654.5 | 2860.6 | 3059.8 | 3260.5 | 3461.2 | 5086.8 | 6712.3 | 10595.4 | 14478.4 | 18277.9 | 22077.6 |
| 57.5° | 2617.6 | 2868.3 | 3044.0 | 3185.8 | 3327.6 | 4687.6 | 6047.4 | 10100.6 | 14153.8 | 19342.1 | 24530.4 |
| 60° | 2582.9 | 2844.1 | 2960.1 | 3071.5 | 3182.9 | 4169.4 | 5155.8 | 9179.4 | 13203.0 | 19608.0 | 26012.9 |
| 62.5° | 2542.5 | 2784.7 | 2799.0 | 2872.9 | 2946.9 | 3549.1 | 4151.4 | 7933.8 | 11716.4 | 18488.2 | 25260.1 |
| 65° | 2457.2 | 2641.8 | 2640.1 | 2675.0 | 2710.0 | 2991.1 | 3272.2 | 6663.0 | 10054.1 | 16903.8 | 23753.5 |
| 67.5° | 2305.1 | 2408.9 | 2413.7 | 2394.4 | 2374.8 | 2454.8 | 2534.6 | 5418.2 | 8301.8 | 15018.2 | 21734.7 |
| 70° | 2112.1 | 2146.2 | 2146.2 | 2055.8 | 1965.3 | 1942.7 | 1919.8 | 4266.0 | 6612.3 | 12960.8 | 19309.4 |
| 72.5° | 1897.2 | 1896.8 | 1875.2 | 1747.1 | 1618.7 | 1549.7 | 1480.9 | 3261.4 | 5041.9 | 10730.4 | 16419.2 |
| 75° | 1653.2 | 1661.6 | 1562.2 | 1418.5 | 1274.8 | 1212.4 | 1149.9 | 2367.1 | 3584.3 | 8173.7 | 12763.0 |
| 77.5° | 1408.9 | 1413.3 | 1249.5 | 1110.0 | 970.4 | 927.7 | 885.3 | 1604.0 | 2322.8 | 5720.8 | 9118.9 |
| 80° | 1130.2 | 1130.8 | 935.2 | 817.1 | 698.9 | 681.3 | 663.8 | 1033.4 | 1403.3 | 3685.8 | 5968.3 |
| 82.5° | 831.3 | 822.0 | 655.0 | 568.0 | 480.9 | 477.3 | 474.3 | 635.6 | 797.3 | 2133.2 | 3469.3 |
| 85° | 547.2 | 535.2 | 411.0 | 347.3 | 283.5 | 285.3 | 286.8 | 339.8 | 393.0 | 959.6 | 1526.4 |
| 87.5° | 241.8 | 226.4 | 174.8 | 148.6 | 122.6 | 124.2 | 125.8 | 140.8 | 156.0 | 314.3 | 472.5 |
| 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-SB4D-735-U-SLR

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 |
| 2.5° | 6182.8 | 6206.4 | 6239.5 | 6272.7 | 6292.5 | 6312.3 | 6322.2 | 6332.0 | 6327.6 | 6332.0 | 6322.2 |
| 5° | 6704.8 | 6786.5 | 6867.4 | 6948.6 | 6992.6 | 7036.4 | 7063.1 | 7089.8 | 7110.1 | 7089.8 | 7063.1 |
| 7.5° | 7221.9 | 7354.5 | 7473.9 | 7593.2 | 7665.1 | 7736.9 | 7775.9 | 7814.5 | 7833.2 | 7814.5 | 7775.9 |
| 10° | 7603.2 | 7760.2 | 7900.2 | 8040.2 | 8125.1 | 8209.4 | 8247.3 | 8284.9 | 8299.1 | 8284.9 | 8247.3 |
| 12.5° | 7835.2 | 8005.0 | 8131.6 | 8257.8 | 8319.3 | 8380.9 | 8401.5 | 8422.2 | 8424.4 | 8422.2 | 8401.5 |
| 15° | 7944.9 | 8091.5 | 8170.8 | 8250.3 | 8252.6 | 8254.7 | 8232.8 | 8210.8 | 8184.8 | 8210.8 | 8232.8 |
| 17.5° | 7971.8 | 8071.0 | 8072.5 | 8073.8 | 7984.9 | 7895.8 | 7814.3 | 7732.5 | 7675.0 | 7732.5 | 7814.3 |
| 20° | 7989.7 | 8024.4 | 7920.0 | 7815.6 | 7619.1 | 7422.6 | 7279.6 | 7136.5 | 7048.5 | 7136.5 | 7279.6 |
| 22.5° | 8005.5 | 7960.3 | 7744.0 | 7527.7 | 7238.7 | 6949.6 | 6770.7 | 6591.9 | 6494.7 | 6591.9 | 6770.7 |
| 25° | 8031.0 | 7888.1 | 7559.8 | 7231.4 | 6880.4 | 6529.5 | 6341.3 | 6153.6 | 6061.7 | 6153.6 | 6341.3 |
| 27.5° | 8085.5 | 7829.9 | 7395.0 | 6960.2 | 6571.2 | 6182.2 | 5997.1 | 5812.3 | 5725.4 | 5812.3 | 5997.1 |
| 30° | 8185.2 | 7804.7 | 7269.2 | 6733.8 | 6328.6 | 5923.3 | 5751.6 | 5579.9 | 5499.0 | 5579.9 | 5751.6 |
| 32.5° | 8310.6 | 7789.3 | 7183.5 | 6577.7 | 6196.8 | 5816.0 | 5681.3 | 5546.3 | 5488.1 | 5546.3 | 5681.3 |
| 35° | 8516.9 | 7878.9 | 7247.7 | 6616.7 | 6352.0 | 6087.7 | 6056.2 | 6024.7 | 6019.9 | 6024.7 | 6056.2 |
| 37.5° | 8948.4 | 8197.6 | 7623.9 | 7050.4 | 7033.1 | 7016.0 | 7159.7 | 7303.5 | 7378.3 | 7303.5 | 7159.7 |
| 40° | 9704.7 | 8888.2 | 8461.6 | 8035.0 | 8336.0 | 8637.2 | 8986.6 | 9336.1 | 9510.2 | 9336.1 | 8986.6 |
| 42.5° | 10801.1 | 9991.1 | 9745.3 | 9499.6 | 10156.3 | 10813.0 | 11448.6 | 12084.3 | 12457.5 | 12084.3 | 11448.6 |
| 45° | 12229.8 | 11501.8 | 11393.5 | 11284.9 | 12337.1 | 13389.4 | 14433.8 | 15478.4 | 16112.6 | 15478.4 | 14433.8 |
| 47.5° | 13933.1 | 13225.0 | 13203.0 | 13181.0 | 14698.9 | 16216.3 | 17745.3 | 19274.2 | 20172.0 | 19274.2 | 17745.3 |
| 50° | 15973.2 | 15098.9 | 15102.7 | 15106.3 | 17062.5 | 19018.6 | 21036.9 | 23055.1 | 24275.4 | 23055.1 | 21036.9 |
| 52.5° | 18321.9 | 17263.2 | 17156.1 | 17048.8 | 19385.4 | 21721.9 | 24219.1 | 26716.1 | 28178.8 | 26716.1 | 24219.1 |
| 55° | 21031.4 | 19985.1 | 19567.8 | 19150.5 | 21750.9 | 24351.2 | 27328.2 | 30305.3 | 32044.9 | 30305.3 | 27328.2 |
| 57.5° | 23960.7 | 23390.8 | 22553.6 | 21716.7 | 24342.4 | 26968.3 | 30340.2 | 33711.9 | 35869.2 | 33711.9 | 30340.2 |
| 60° | 26897.6 | 27782.7 | 26743.2 | 25703.6 | 28188.5 | 30673.4 | 34283.6 | 37893.8 | 40225.3 | 37893.8 | 34283.6 |
| 62.5° | 27678.0 | 30095.8 | 29978.7 | 29861.3 | 32137.6 | 34414.2 | 37848.9 | 41283.6 | 43438.6 | 41283.6 | 37848.9 |
| 65° | 26022.7 | 28292.0 | 28741.0 | 29189.8 | 32082.7 | 34975.8 | 38306.4 | 41636.8 | 43471.6 | 41636.8 | 38306.4 |
| 67.5° | 23893.0 | 26051.3 | 26261.8 | 26472.2 | 29486.4 | 32500.3 | 35845.2 | 39190.2 | 40627.5 | 39190.2 | 35845.2 |
| 70° | 21656.9 | 24004.7 | 24098.7 | 24193.0 | 26888.4 | 29583.7 | 32462.3 | 35340.6 | 36139.4 | 35340.6 | 32462.3 |
| 72.5° | 19113.1 | 21807.2 | 21874.9 | 21942.4 | 24051.2 | 26160.0 | 28315.9 | 30471.6 | 30552.5 | 30471.6 | 28315.9 |
| 75° | 15551.2 | 18339.4 | 18589.8 | 18840.1 | 20480.8 | 22121.6 | 23639.2 | 25156.8 | 24750.2 | 25156.8 | 23639.2 |
| 77.5° | 11721.7 | 14324.6 | 14682.8 | 15041.1 | 16288.4 | 17535.7 | 18611.9 | 19688.5 | 18989.6 | 19688.5 | 18611.9 |
| 80° | 8158.1 | 10347.6 | 10792.8 | 11238.1 | 12180.2 | 13121.7 | 13687.0 | 14252.0 | 13127.9 | 14252.0 | 13687.0 |
| 82.5° | 4966.3 | 6463.4 | 6960.9 | 7458.4 | 8106.8 | 8755.2 | 8991.0 | 9226.6 | 8343.1 | 9226.6 | 8991.0 |
| 85° | 2320.9 | 3115.5 | 3538.6 | 3961.6 | 4494.4 | 5026.9 | 5160.8 | 5294.6 | 4587.0 | 5294.6 | 5160.8 |
| 87.5° | 739.5 | 1006.7 | 1242.7 | 1478.8 | 1745.1 | 2011.5 | 2022.9 | 2034.1 | 1707.8 | 2034.1 | 2022.9 |
| 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):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 | 5727.6 |
| 2.5° | 6312.3 | 6292.5 | 6272.7 | 6239.5 | 6206.4 | 6182.8 | 6159.5 |
| 5° | 7036.4 | 6992.6 | 6948.6 | 6867.4 | 6786.5 | 6704.8 | 6623.2 |
| 7.5° | 7736.9 | 7665.1 | 7593.2 | 7473.9 | 7354.5 | 7221.9 | 7089.2 |
| 10° | 8209.4 | 8125.1 | 8040.2 | 7900.2 | 7760.2 | 7603.2 | 7446.3 |
| 12.5° | 8380.9 | 8319.3 | 8257.8 | 8131.6 | 8005.0 | 7835.2 | 7665.1 |
| 15° | 8254.7 | 8252.6 | 8250.3 | 8170.8 | 8091.5 | 7944.9 | 7798.0 |
| 17.5° | 7895.8 | 7984.9 | 8073.8 | 8072.5 | 8071.0 | 7971.8 | 7872.7 |
| 20° | 7422.6 | 7619.1 | 7815.6 | 7920.0 | 8024.4 | 7989.7 | 7955.1 |
| 22.5° | 6949.6 | 7238.7 | 7527.7 | 7744.0 | 7960.3 | 8005.5 | 8050.8 |
| 25° | 6529.5 | 6880.4 | 7231.4 | 7559.8 | 7888.1 | 8031.0 | 8173.9 |
| 27.5° | 6182.2 | 6571.2 | 6960.2 | 7395.0 | 7829.9 | 8085.5 | 8340.9 |
| 30° | 5923.3 | 6328.6 | 6733.8 | 7269.2 | 7804.7 | 8185.2 | 8566.1 |
| 32.5° | 5816.0 | 6196.8 | 6577.7 | 7183.5 | 7789.3 | 8310.6 | 8832.1 |
| 35° | 6087.7 | 6352.0 | 6616.7 | 7247.7 | 7878.9 | 8516.9 | 9155.2 |
| 37.5° | 7016.0 | 7033.1 | 7050.4 | 7623.9 | 8197.6 | 8948.4 | 9699.2 |
| 40° | 8637.2 | 8336.0 | 8035.0 | 8461.6 | 8888.2 | 9704.7 | 10521.2 |
| 42.5° | 10813.0 | 10156.3 | 9499.6 | 9745.3 | 9991.1 | 10801.1 | 11611.3 |
| 45° | 13389.4 | 12337.1 | 11284.9 | 11393.5 | 11501.8 | 12229.8 | 12957.5 |
| 47.5° | 16216.3 | 14698.9 | 13181.0 | 13203.0 | 13225.0 | 13933.1 | 14641.1 |
| 50° | 19018.6 | 17062.5 | 15106.3 | 15102.7 | 15098.9 | 15973.2 | 16847.7 |
| 52.5° | 21721.9 | 19385.4 | 17048.8 | 17156.1 | 17263.2 | 18321.9 | 19380.8 |
| 55° | 24351.2 | 21750.9 | 19150.5 | 19567.8 | 19985.1 | 21031.4 | 22077.6 |
| 57.5° | 26968.3 | 24342.4 | 21716.7 | 22553.6 | 23390.8 | 23960.7 | 24530.4 |
| 60° | 30673.4 | 28188.5 | 25703.6 | 26743.2 | 27782.7 | 26897.6 | 26012.9 |
| 62.5° | 34414.2 | 32137.6 | 29861.3 | 29978.7 | 30095.8 | 27678.0 | 25260.1 |
| 65° | 34975.8 | 32082.7 | 29189.8 | 28741.0 | 28292.0 | 26022.7 | 23753.5 |
| 67.5° | 32500.3 | 29486.4 | 26472.2 | 26261.8 | 26051.3 | 23893.0 | 21734.7 |
| 70° | 29583.7 | 26888.4 | 24193.0 | 24098.7 | 24004.7 | 21656.9 | 19309.4 |
| 72.5° | 26160.0 | 24051.2 | 21942.4 | 21874.9 | 21807.2 | 19113.1 | 16419.2 |
| 75° | 22121.6 | 20480.8 | 18840.1 | 18589.8 | 18339.4 | 15551.2 | 12763.0 |
| 77.5° | 17535.7 | 16288.4 | 15041.1 | 14682.8 | 14324.6 | 11721.7 | 9118.9 |
| 80° | 13121.7 | 12180.2 | 11238.1 | 10792.8 | 10347.6 | 8158.1 | 5968.3 |
| 82.5° | 8755.2 | 8106.8 | 7458.4 | 6960.9 | 6463.4 | 4966.3 | 3469.3 |
| 85° | 5026.9 | 4494.4 | 3961.6 | 3538.6 | 3115.5 | 2320.9 | 1526.4 |
| 87.5° | 2011.5 | 1745.1 | 1478.8 | 1242.7 | 1006.7 | 739.5 | 472.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)