

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: P966299

Luminaire Tested: **NVN-SB4B-830-U-SLL**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P966299  
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-SB4B-830-U-SLL  
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE  
(4) 80 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

### Summary

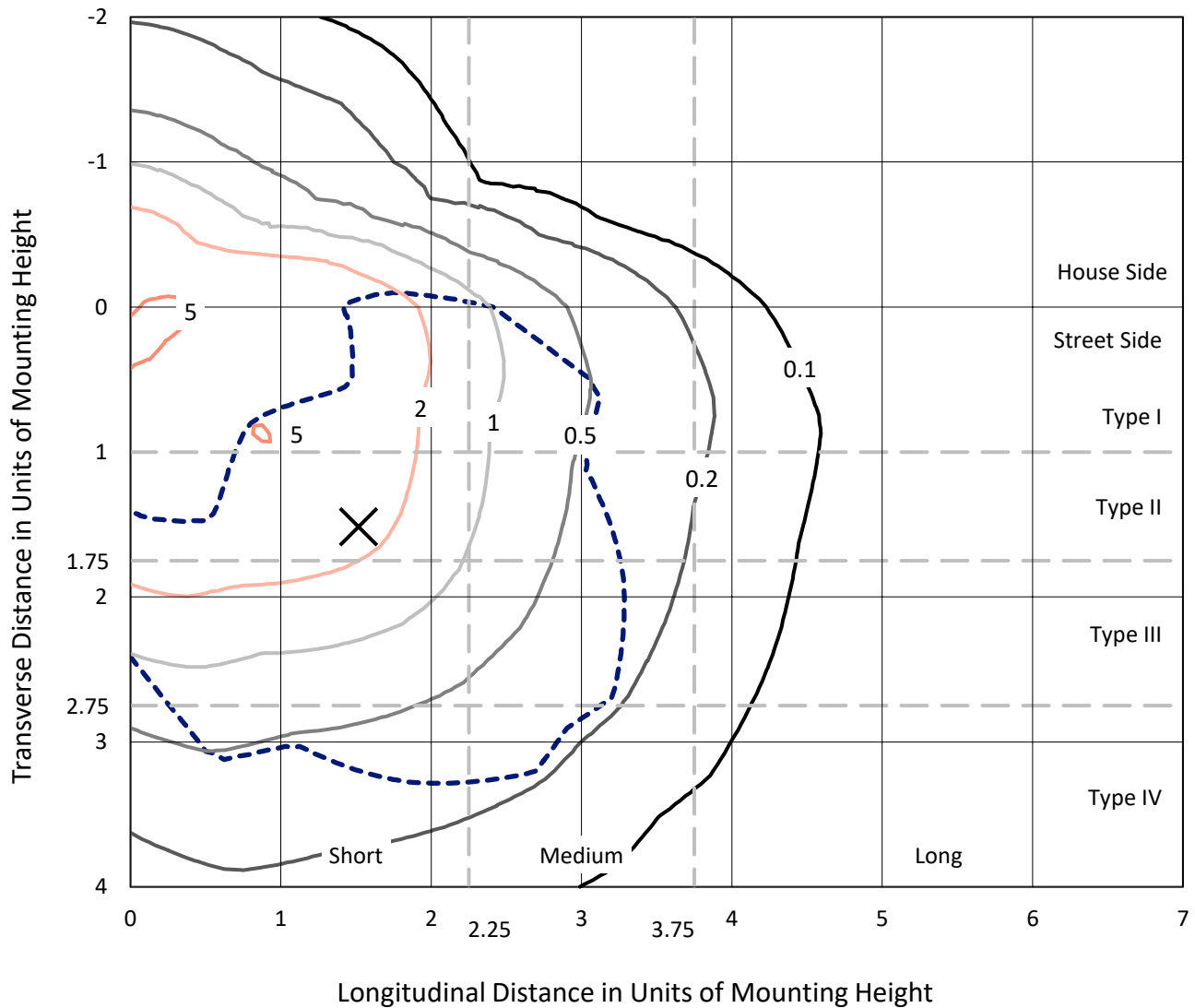
Lumens per Lamp: N/A  
Luminaire Lumens: 20711.1 lumens  
Efficiency: N/A  
Efficacy: 140.9 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G4  
  
Input Watts (W): 147  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

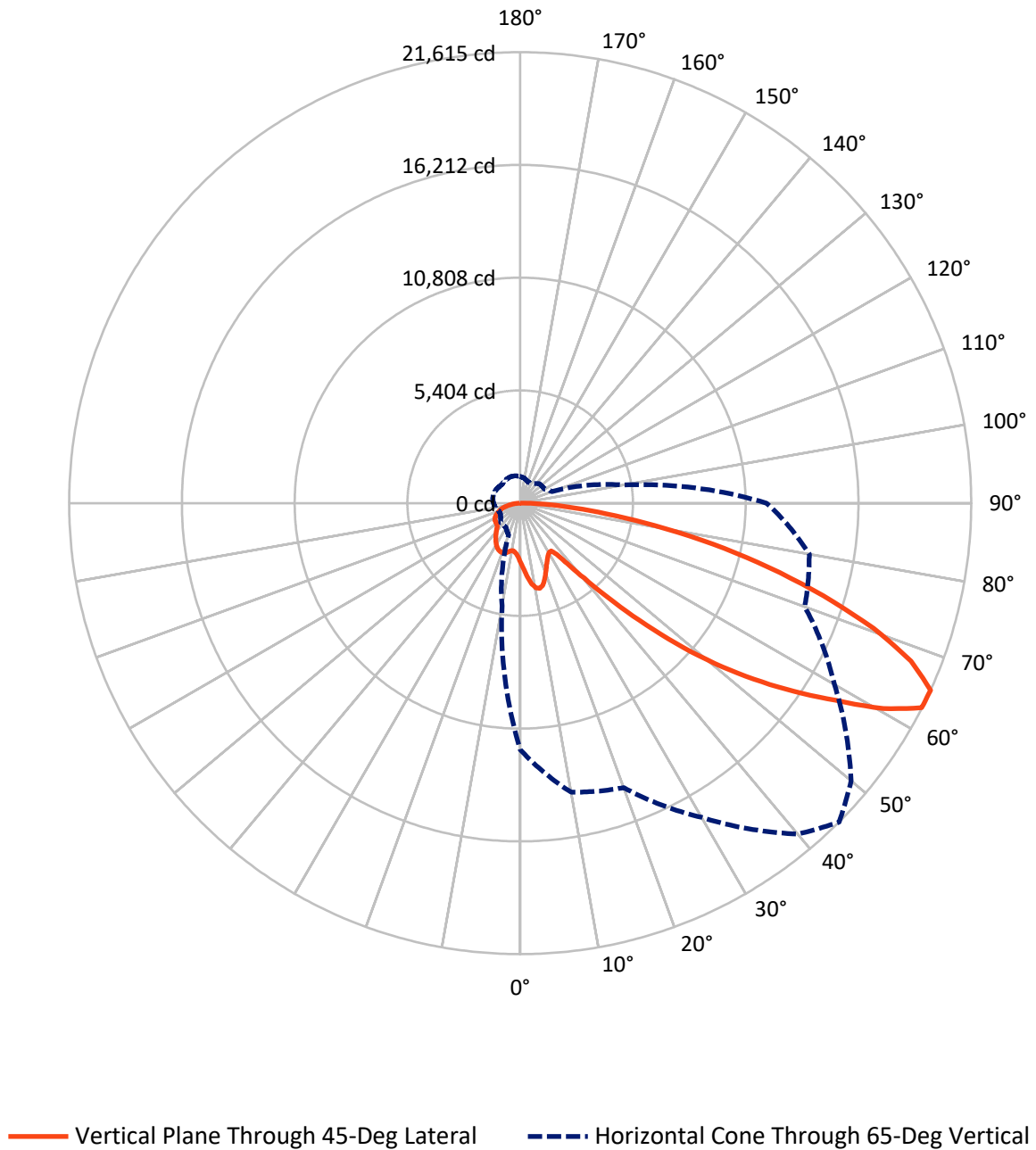


Based on 25 foot mounting height. Maximum calculated value = 6.3 fc  
 Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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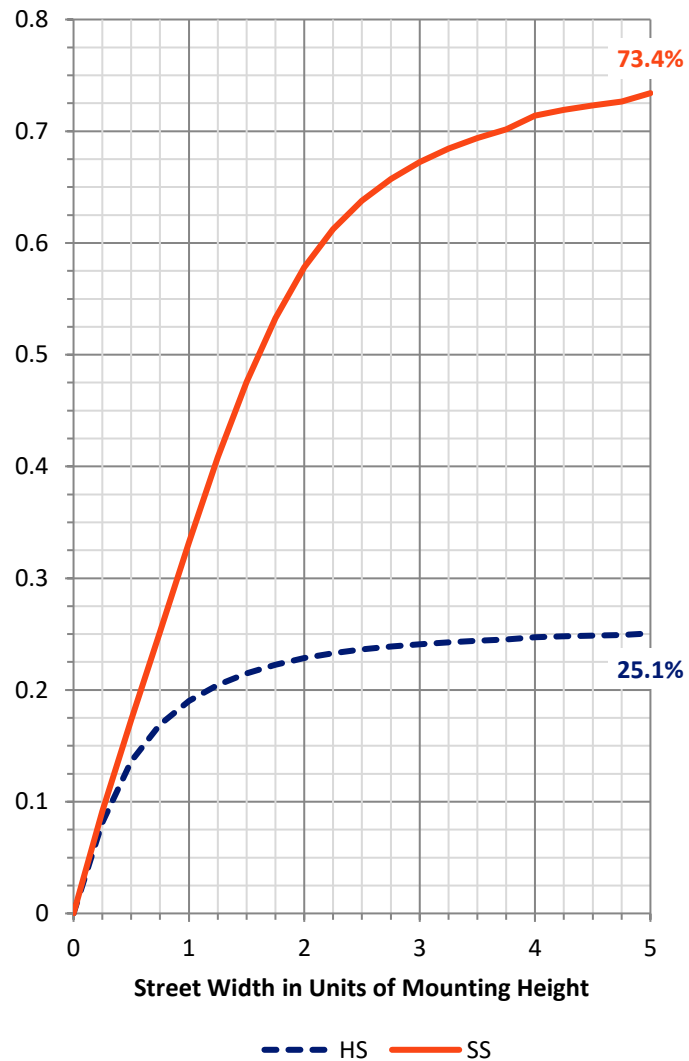
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 5263.7   | 0.0    | 5263.7  |
|                    | % Fixture | 25.4     | 0.0    | 25.4    |
| <b>Street Side</b> | Lumens    | 15447.4  | 0.0    | 15447.4 |
|                    | % Fixture | 74.6     | 0.0    | 74.6    |
| <b>Total</b>       | Lumens    | 20711.1  | 0.0    | 20711.1 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 282.5   | 1.4       |
| 10°-20°   | 886.9   | 4.3       |
| 20°-30°   | 1369.9  | 6.6       |
| 30°-40°   | 1736.0  | 8.4       |
| 40°-50°   | 2618.4  | 12.6      |
| 50°-60°   | 4230.4  | 20.4      |
| 60°-70°   | 5273.8  | 25.5      |
| 70°-80°   | 3458.3  | 16.7      |
| 80°-90°   | 855.0   | 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°    | 20711.1 | 100.0     |
| 0°-180°   | 20711.1 | 100.0     |

**Coefficient of Utilization**



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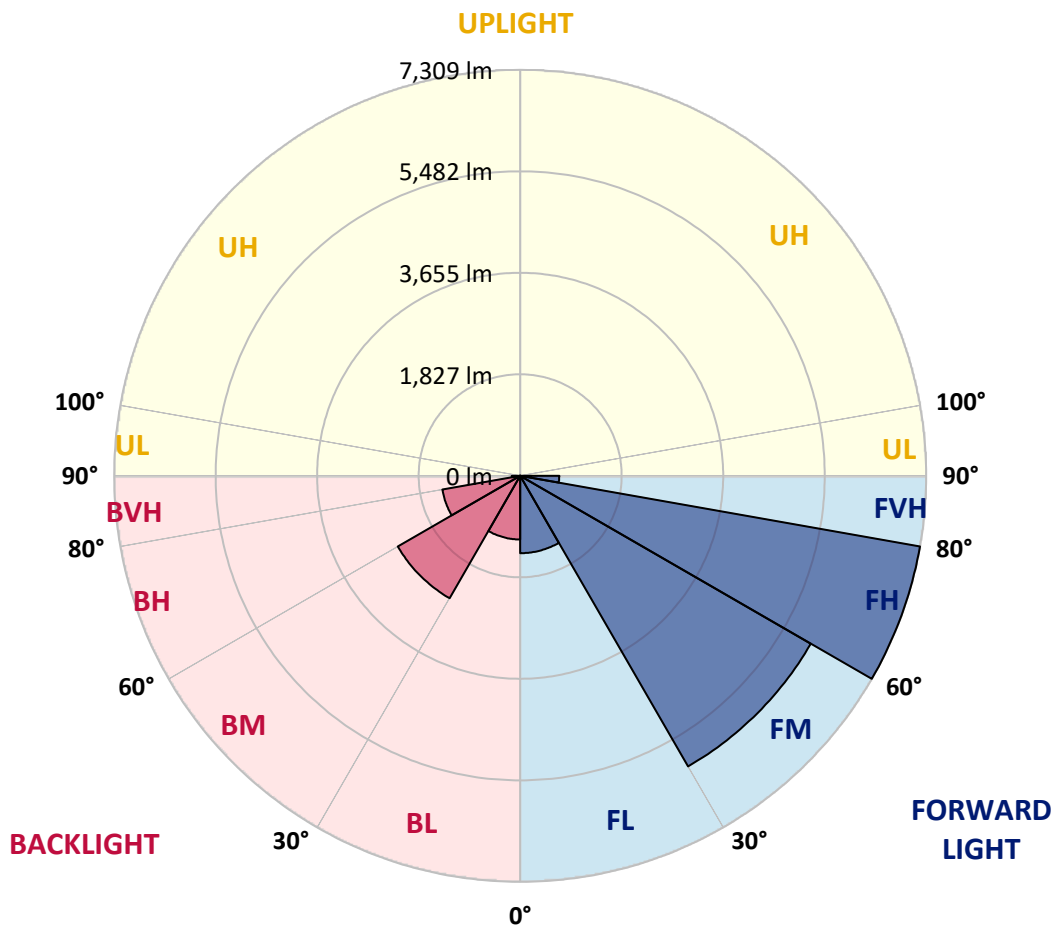
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 1393.1 | 6.7       |                         |      |         |
| FM   | (30°-60°)   | 6041.0 | 29.2      |                         |      |         |
| FH   | (60°-80°)   | 7309.0 | 35.3      |                         |      | G3/7500 |
| FVH  | (80°-90°)   | 704.3  | 3.4       |                         |      | G4/750  |
| BL   | (0°-30°)    | 1146.2 | 5.5       | B3/2500                 |      |         |
| BM   | (30°-60°)   | 2543.8 | 12.3      | B3/5000                 |      |         |
| BH   | (60°-80°)   | 1423.1 | 6.9       | B3/2500                 |      | G3/2500 |
| BVH  | (80°-90°)   | 150.7  | 0.7       |                         |      | G2/225  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B3-U0-G4**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 10°     | 15°     | 20°     | 25°     | 30°     | 35°     | 40°     | 45°     | 50°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 2848.0  | 2848.0  | 2848.0  | 2848.0  | 2848.0  | 2848.0  | 2848.0  | 2848.0  | 2848.0  | 2848.0  | 2848.0  |
| 2.5°  | 3062.7  | 3074.3  | 3086.0  | 3102.5  | 3119.0  | 3128.8  | 3138.7  | 3143.6  | 3148.5  | 3146.3  | 3148.5  |
| 5°    | 3293.3  | 3333.8  | 3374.5  | 3414.7  | 3455.1  | 3476.9  | 3498.7  | 3512.0  | 3525.3  | 3535.3  | 3525.3  |
| 7.5°  | 3525.0  | 3591.0  | 3656.9  | 3716.2  | 3775.6  | 3811.3  | 3847.0  | 3866.4  | 3885.6  | 3894.9  | 3885.6  |
| 10°   | 3702.6  | 3780.6  | 3858.6  | 3928.2  | 3997.8  | 4040.0  | 4082.0  | 4100.8  | 4119.5  | 4126.5  | 4119.5  |
| 12.5° | 3811.3  | 3895.9  | 3980.4  | 4043.3  | 4106.0  | 4136.7  | 4167.2  | 4177.5  | 4187.8  | 4188.9  | 4187.8  |
| 15°   | 3877.5  | 3950.5  | 4023.3  | 4062.8  | 4102.4  | 4103.4  | 4104.5  | 4093.5  | 4082.7  | 4069.8  | 4082.7  |
| 17.5° | 3914.6  | 3963.9  | 4013.2  | 4013.9  | 4014.6  | 3970.3  | 3926.1  | 3885.5  | 3844.9  | 3816.2  | 3844.9  |
| 20°   | 3955.6  | 3972.7  | 3990.0  | 3938.0  | 3886.2  | 3788.5  | 3690.7  | 3619.6  | 3548.4  | 3504.8  | 3548.4  |
| 22.5° | 4003.1  | 3980.6  | 3958.0  | 3850.5  | 3743.0  | 3599.3  | 3455.6  | 3366.6  | 3277.6  | 3229.4  | 3277.6  |
| 25°   | 4064.3  | 3993.3  | 3922.3  | 3759.0  | 3595.7  | 3421.1  | 3246.6  | 3153.1  | 3059.7  | 3014.1  | 3059.7  |
| 27.5° | 4147.4  | 4020.4  | 3893.3  | 3677.0  | 3460.8  | 3267.4  | 3074.0  | 2981.9  | 2890.0  | 2846.8  | 2890.0  |
| 30°   | 4259.4  | 4070.0  | 3880.8  | 3614.5  | 3348.3  | 3146.7  | 2945.2  | 2859.9  | 2774.6  | 2734.3  | 2774.6  |
| 32.5° | 4391.6  | 4132.3  | 3873.1  | 3571.8  | 3270.7  | 3081.3  | 2891.9  | 2824.9  | 2757.8  | 2728.9  | 2757.8  |
| 35°   | 4552.2  | 4234.9  | 3917.7  | 3603.8  | 3290.0  | 3158.4  | 3026.9  | 3011.3  | 2995.7  | 2993.3  | 2995.7  |
| 37.5° | 4822.7  | 4449.4  | 4076.1  | 3790.9  | 3505.6  | 3497.1  | 3488.6  | 3560.0  | 3631.6  | 3668.7  | 3631.6  |
| 40°   | 5231.5  | 4825.5  | 4419.5  | 4207.3  | 3995.2  | 4145.0  | 4294.6  | 4468.5  | 4642.2  | 4728.7  | 4642.2  |
| 42.5° | 5773.5  | 5370.7  | 4967.9  | 4845.7  | 4723.5  | 5050.1  | 5376.6  | 5692.6  | 6008.7  | 6194.3  | 6008.7  |
| 45°   | 6442.8  | 6081.0  | 5719.1  | 5665.2  | 5611.3  | 6134.4  | 6657.6  | 7176.9  | 7696.4  | 8011.7  | 7696.4  |
| 47.5° | 7280.0  | 6928.0  | 6575.9  | 6564.9  | 6554.1  | 7308.8  | 8063.3  | 8823.5  | 9583.8  | 10030.1 | 9583.8  |
| 50°   | 8377.2  | 7942.4  | 7507.6  | 7509.5  | 7511.4  | 8484.0  | 9456.6  | 10460.2 | 11463.8 | 12070.5 | 11463.8 |
| 52.5° | 9636.7  | 9110.2  | 8583.8  | 8530.6  | 8477.3  | 9639.0  | 10800.8 | 12042.5 | 13284.1 | 14011.4 | 13284.1 |
| 55°   | 10977.6 | 10457.5 | 9937.3  | 9729.7  | 9522.2  | 10815.3 | 12108.2 | 13588.4 | 15068.7 | 15933.7 | 15068.7 |
| 57.5° | 12197.3 | 11914.0 | 11630.7 | 11214.3 | 10798.2 | 12103.8 | 13409.5 | 15086.2 | 16762.6 | 17835.3 | 16762.6 |
| 60°   | 12934.4 | 13374.4 | 13814.4 | 13297.5 | 12780.6 | 14016.3 | 15251.8 | 17046.9 | 18842.0 | 20001.3 | 18842.0 |
| 62.5° | 12560.1 | 13762.4 | 14964.6 | 14906.4 | 14847.9 | 15979.9 | 17111.9 | 18819.7 | 20527.5 | 21599.0 | 20527.5 |
| 65°   | 11811.0 | 12939.3 | 14067.7 | 14291.0 | 14514.1 | 15952.5 | 17391.1 | 19047.2 | 20703.2 | 21615.4 | 20703.2 |
| 67.5° | 10807.2 | 11880.4 | 12953.5 | 13058.2 | 13162.8 | 14661.5 | 16160.1 | 17823.3 | 19486.6 | 20201.3 | 19486.6 |
| 70°   | 9601.2  | 10768.4 | 11935.8 | 11982.7 | 12029.5 | 13369.8 | 14710.0 | 16141.3 | 17572.5 | 17969.7 | 17572.5 |
| 72.5° | 8164.1  | 9503.6  | 10843.3 | 10876.9 | 10910.4 | 11959.1 | 13007.7 | 14079.6 | 15151.4 | 15191.6 | 15151.4 |
| 75°   | 6346.2  | 7732.6  | 9118.9  | 9243.4  | 9367.9  | 10183.7 | 10999.5 | 11754.1 | 12508.7 | 12306.6 | 12508.7 |
| 77.5° | 4534.2  | 5828.4  | 7122.6  | 7300.8  | 7478.9  | 8099.1  | 8719.3  | 9254.4  | 9789.8  | 9442.2  | 9789.8  |
| 80°   | 2967.6  | 4056.4  | 5145.1  | 5366.5  | 5588.0  | 6056.3  | 6524.5  | 6805.6  | 7086.5  | 6527.6  | 7086.5  |
| 82.5° | 1725.1  | 2469.4  | 3213.9  | 3461.1  | 3708.6  | 4031.0  | 4353.4  | 4470.6  | 4587.8  | 4148.5  | 4587.8  |
| 85°   | 759.0   | 1154.0  | 1549.1  | 1759.5  | 1969.8  | 2234.8  | 2499.6  | 2566.1  | 2632.7  | 2280.7  | 2632.7  |
| 87.5° | 234.9   | 367.8   | 500.5   | 617.9   | 735.2   | 867.8   | 1000.2  | 1005.8  | 1011.5  | 849.1   | 1011.5  |
| 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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**CANDELA DISTRIBUTION (continued):**

|       | 55°     | 60°     | 65°     | 70°     | 75°     | 80°     | 85°     | 90°     | 95°    | 100°   | 105°   |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| 0°    | 2848.0  | 2848.0  | 2848.0  | 2848.0  | 2848.0  | 2848.0  | 2848.0  | 2848.0  | 2848.0 | 2848.0 | 2848.0 |
| 2.5°  | 3143.6  | 3138.7  | 3128.8  | 3119.0  | 3102.5  | 3086.0  | 3074.3  | 3062.7  | 3039.2 | 3015.8 | 2990.6 |
| 5°    | 3512.0  | 3498.7  | 3476.9  | 3455.1  | 3414.7  | 3374.5  | 3333.8  | 3293.3  | 3241.4 | 3189.5 | 3137.6 |
| 7.5°  | 3866.4  | 3847.0  | 3811.3  | 3775.6  | 3716.2  | 3656.9  | 3591.0  | 3525.0  | 3439.3 | 3353.7 | 3274.6 |
| 10°   | 4100.8  | 4082.0  | 4040.0  | 3997.8  | 3928.2  | 3858.6  | 3780.6  | 3702.6  | 3594.3 | 3485.9 | 3381.4 |
| 12.5° | 4177.5  | 4167.2  | 4136.7  | 4106.0  | 4043.3  | 3980.4  | 3895.9  | 3811.3  | 3692.3 | 3573.4 | 3455.0 |
| 15°   | 4093.5  | 4104.5  | 4103.4  | 4102.4  | 4062.8  | 4023.3  | 3950.5  | 3877.5  | 3753.3 | 3629.3 | 3500.8 |
| 17.5° | 3885.5  | 3926.1  | 3970.3  | 4014.6  | 4013.9  | 4013.2  | 3963.9  | 3914.6  | 3788.8 | 3663.0 | 3522.8 |
| 20°   | 3619.6  | 3690.7  | 3788.5  | 3886.2  | 3938.0  | 3990.0  | 3972.7  | 3955.6  | 3824.9 | 3694.0 | 3539.9 |
| 22.5° | 3366.6  | 3455.6  | 3599.3  | 3743.0  | 3850.5  | 3958.0  | 3980.6  | 4003.1  | 3869.6 | 3735.9 | 3563.1 |
| 25°   | 3153.1  | 3246.6  | 3421.1  | 3595.7  | 3759.0  | 3922.3  | 3993.3  | 4064.3  | 3933.3 | 3802.5 | 3605.1 |
| 27.5° | 2981.9  | 3074.0  | 3267.4  | 3460.8  | 3677.0  | 3893.3  | 4020.4  | 4147.4  | 4022.5 | 3897.7 | 3670.6 |
| 30°   | 2859.9  | 2945.2  | 3146.7  | 3348.3  | 3614.5  | 3880.8  | 4070.0  | 4259.4  | 4138.7 | 4018.2 | 3755.6 |
| 32.5° | 2824.9  | 2891.9  | 3081.3  | 3270.7  | 3571.8  | 3873.1  | 4132.3  | 4391.6  | 4272.2 | 4152.8 | 3844.2 |
| 35°   | 3011.3  | 3026.9  | 3158.4  | 3290.0  | 3603.8  | 3917.7  | 4234.9  | 4552.2  | 4437.9 | 4323.6 | 3945.2 |
| 37.5° | 3560.0  | 3488.6  | 3497.1  | 3505.6  | 3790.9  | 4076.1  | 4449.4  | 4822.7  | 4677.0 | 4531.1 | 4058.3 |
| 40°   | 4468.5  | 4294.6  | 4145.0  | 3995.2  | 4207.3  | 4419.5  | 4825.5  | 5231.5  | 5019.0 | 4806.5 | 4201.9 |
| 42.5° | 5692.6  | 5376.6  | 5050.1  | 4723.5  | 4845.7  | 4967.9  | 5370.7  | 5773.5  | 5466.8 | 5160.3 | 4389.8 |
| 45°   | 7176.9  | 6657.6  | 6134.4  | 5611.3  | 5665.2  | 5719.1  | 6081.0  | 6442.8  | 6029.3 | 5615.6 | 4637.0 |
| 47.5° | 8823.5  | 8063.3  | 7308.8  | 6554.1  | 6564.9  | 6575.9  | 6928.0  | 7280.0  | 6697.9 | 6115.6 | 4900.3 |
| 50°   | 10460.2 | 9456.6  | 8484.0  | 7511.4  | 7509.5  | 7507.6  | 7942.4  | 8377.2  | 7499.5 | 6621.8 | 5144.7 |
| 52.5° | 12042.5 | 10800.8 | 9639.0  | 8477.3  | 8530.6  | 8583.8  | 9110.2  | 9636.7  | 8341.8 | 7046.7 | 5303.3 |
| 55°   | 13588.4 | 12108.2 | 10815.3 | 9522.2  | 9729.7  | 9937.3  | 10457.5 | 10977.6 | 9088.4 | 7199.1 | 5268.4 |
| 57.5° | 15086.2 | 13409.5 | 12103.8 | 10798.2 | 11214.3 | 11630.7 | 11914.0 | 12197.3 | 9617.5 | 7037.8 | 5022.3 |
| 60°   | 17046.9 | 15251.8 | 14016.3 | 12780.6 | 13297.5 | 13814.4 | 13374.4 | 12934.4 | 9749.7 | 6564.9 | 4564.3 |
| 62.5° | 18819.7 | 17111.9 | 15979.9 | 14847.9 | 14906.4 | 14964.6 | 13762.4 | 12560.1 | 9192.9 | 5825.8 | 3944.9 |
| 65°   | 19047.2 | 17391.1 | 15952.5 | 14514.1 | 14291.0 | 14067.7 | 12939.3 | 11811.0 | 8405.1 | 4999.2 | 3313.1 |
| 67.5° | 17823.3 | 16160.1 | 14661.5 | 13162.8 | 13058.2 | 12953.5 | 11880.4 | 10807.2 | 7467.5 | 4127.9 | 2694.1 |
| 70°   | 16141.3 | 14710.0 | 13369.8 | 12029.5 | 11982.7 | 11935.8 | 10768.4 | 9601.2  | 6444.5 | 3287.8 | 2121.2 |
| 72.5° | 14079.6 | 13007.7 | 11959.1 | 10910.4 | 10876.9 | 10843.3 | 9503.6  | 8164.1  | 5335.5 | 2506.9 | 1621.7 |
| 75°   | 11754.1 | 10999.5 | 10183.7 | 9367.9  | 9243.4  | 9118.9  | 7732.6  | 6346.2  | 4064.2 | 1782.2 | 1177.0 |
| 77.5° | 9254.4  | 8719.3  | 8099.1  | 7478.9  | 7300.8  | 7122.6  | 5828.4  | 4534.2  | 2844.6 | 1155.0 | 797.6  |
| 80°   | 6805.6  | 6524.5  | 6056.3  | 5588.0  | 5366.5  | 5145.1  | 4056.4  | 2967.6  | 1832.7 | 697.8  | 513.8  |
| 82.5° | 4470.6  | 4353.4  | 4031.0  | 3708.6  | 3461.1  | 3213.9  | 2469.4  | 1725.1  | 1060.7 | 396.5  | 316.0  |
| 85°   | 2566.1  | 2499.6  | 2234.8  | 1969.8  | 1759.5  | 1549.1  | 1154.0  | 759.0   | 477.1  | 195.4  | 168.9  |
| 87.5° | 1005.8  | 1000.2  | 867.8   | 735.2   | 617.9   | 500.5   | 367.8   | 234.9   | 156.3  | 77.6   | 70.0   |
| 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):**

|       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 |
| 2.5°  | 2965.7 | 2940.6 | 2915.5 | 2891.4 | 2867.4 | 2844.2 | 2818.2 | 2797.2 | 2776.4 | 2757.5 | 2738.7 |
| 5°    | 3086.0 | 3033.9 | 2981.8 | 2933.2 | 2884.6 | 2838.6 | 2793.3 | 2753.8 | 2714.1 | 2680.9 | 2647.8 |
| 7.5°  | 3195.4 | 3118.5 | 3041.4 | 2973.5 | 2905.7 | 2843.0 | 2784.3 | 2731.7 | 2679.1 | 2635.4 | 2591.7 |
| 10°   | 3276.9 | 3183.3 | 3089.7 | 3009.5 | 2929.0 | 2851.8 | 2788.7 | 2733.2 | 2677.7 | 2633.9 | 2590.3 |
| 12.5° | 3336.5 | 3226.1 | 3115.7 | 3024.9 | 2934.1 | 2852.9 | 2794.1 | 2748.7 | 2703.4 | 2674.4 | 2645.5 |
| 15°   | 3372.4 | 3245.3 | 3118.2 | 3013.0 | 2907.8 | 2817.9 | 2770.9 | 2749.2 | 2727.5 | 2731.4 | 2735.4 |
| 17.5° | 3382.6 | 3235.0 | 3087.5 | 2961.0 | 2834.6 | 2728.9 | 2699.8 | 2707.8 | 2715.7 | 2763.4 | 2811.1 |
| 20°   | 3385.9 | 3207.1 | 3028.3 | 2871.5 | 2714.8 | 2591.7 | 2584.0 | 2621.2 | 2658.3 | 2741.1 | 2823.9 |
| 22.5° | 3390.2 | 3172.8 | 2955.3 | 2766.6 | 2577.8 | 2437.6 | 2452.6 | 2507.6 | 2562.5 | 2656.9 | 2751.6 |
| 25°   | 3407.5 | 3138.9 | 2870.4 | 2649.3 | 2428.3 | 2284.6 | 2325.0 | 2388.5 | 2451.8 | 2536.7 | 2621.7 |
| 27.5° | 3443.6 | 3116.2 | 2788.9 | 2542.1 | 2295.2 | 2164.4 | 2213.6 | 2274.8 | 2336.0 | 2405.8 | 2475.5 |
| 30°   | 3493.0 | 3105.6 | 2718.1 | 2452.4 | 2186.8 | 2077.0 | 2115.5 | 2164.1 | 2212.8 | 2270.7 | 2328.6 |
| 32.5° | 3535.5 | 3092.5 | 2649.3 | 2375.2 | 2101.0 | 2012.5 | 2029.6 | 2058.4 | 2087.1 | 2133.3 | 2179.7 |
| 35°   | 3566.8 | 3067.8 | 2569.1 | 2299.3 | 2029.4 | 1955.7 | 1948.5 | 1956.4 | 1964.4 | 1999.7 | 2034.9 |
| 37.5° | 3585.4 | 3025.6 | 2465.6 | 2209.8 | 1954.1 | 1889.5 | 1863.6 | 1854.7 | 1846.0 | 1871.3 | 1896.7 |
| 40°   | 3597.1 | 2967.3 | 2337.6 | 2103.2 | 1868.8 | 1810.3 | 1770.4 | 1750.6 | 1730.8 | 1749.1 | 1767.3 |
| 42.5° | 3619.3 | 2907.2 | 2195.3 | 1985.5 | 1775.7 | 1721.8 | 1671.5 | 1645.3 | 1619.1 | 1634.0 | 1648.9 |
| 45°   | 3658.3 | 2851.3 | 2044.5 | 1860.5 | 1676.4 | 1621.8 | 1573.2 | 1547.5 | 1522.1 | 1534.5 | 1547.2 |
| 47.5° | 3685.1 | 2805.2 | 1925.4 | 1761.6 | 1597.8 | 1527.2 | 1485.4 | 1464.0 | 1442.6 | 1454.4 | 1466.1 |
| 50°   | 3667.6 | 2755.0 | 1842.3 | 1695.9 | 1549.4 | 1456.7 | 1408.1 | 1389.1 | 1370.2 | 1388.6 | 1407.0 |
| 52.5° | 3559.9 | 2670.0 | 1780.2 | 1652.6 | 1525.1 | 1418.5 | 1350.5 | 1331.8 | 1313.0 | 1340.7 | 1368.3 |
| 55°   | 3337.6 | 2529.3 | 1721.0 | 1621.2 | 1521.5 | 1422.4 | 1319.9 | 1290.2 | 1260.6 | 1299.8 | 1339.0 |
| 57.5° | 3006.9 | 2330.8 | 1654.6 | 1584.0 | 1513.6 | 1426.2 | 1301.5 | 1258.3 | 1215.0 | 1257.2 | 1299.4 |
| 60°   | 2563.6 | 2073.2 | 1582.7 | 1527.2 | 1471.8 | 1414.2 | 1284.3 | 1228.3 | 1172.1 | 1209.1 | 1246.1 |
| 62.5° | 2064.1 | 1764.7 | 1465.3 | 1428.4 | 1391.7 | 1384.7 | 1264.2 | 1194.0 | 1124.0 | 1147.5 | 1171.0 |
| 65°   | 1627.0 | 1487.3 | 1347.5 | 1330.1 | 1312.7 | 1313.6 | 1221.8 | 1147.3 | 1072.7 | 1081.7 | 1090.7 |
| 67.5° | 1260.2 | 1220.6 | 1180.8 | 1190.5 | 1200.2 | 1197.7 | 1146.2 | 1084.1 | 1022.0 | 1019.2 | 1016.4 |
| 70°   | 954.6  | 966.0  | 977.2  | 1022.2 | 1067.1 | 1067.1 | 1050.2 | 1006.0 | 962.0  | 952.1  | 942.3  |
| 72.5° | 736.4  | 770.6  | 804.9  | 868.7  | 932.4  | 943.1  | 943.3  | 913.1  | 882.8  | 868.4  | 854.0  |
| 75°   | 571.7  | 602.8  | 633.9  | 705.3  | 776.8  | 826.2  | 822.0  | 798.8  | 775.4  | 761.6  | 747.7  |
| 77.5° | 440.2  | 461.2  | 482.5  | 551.9  | 621.3  | 702.7  | 700.5  | 681.8  | 663.2  | 649.1  | 635.2  |
| 80°   | 330.0  | 338.8  | 347.5  | 406.3  | 465.0  | 562.3  | 561.9  | 546.3  | 530.5  | 518.9  | 507.1  |
| 82.5° | 235.9  | 237.4  | 239.1  | 282.4  | 325.6  | 408.8  | 413.3  | 405.7  | 398.0  | 389.7  | 381.4  |
| 85°   | 142.6  | 141.9  | 140.9  | 172.7  | 204.4  | 266.1  | 272.1  | 263.9  | 255.7  | 246.4  | 237.2  |
| 87.5° | 62.5   | 61.7   | 61.0   | 73.9   | 86.9   | 112.5  | 120.2  | 117.0  | 113.7  | 111.9  | 110.2  |
| 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-SB4B-830-U-SLL

**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 |
| 2.5°  | 2722.2 | 2705.7 | 2689.1 | 2672.6 | 2659.8 | 2646.9 | 2636.5 | 2626.2 | 2618.1 | 2610.0 | 2602.5 |
| 5°    | 2618.5 | 2589.1 | 2562.6 | 2536.0 | 2515.6 | 2495.0 | 2480.7 | 2466.4 | 2456.2 | 2446.1 | 2438.3 |
| 7.5°  | 2554.8 | 2517.9 | 2485.3 | 2452.9 | 2428.5 | 2404.2 | 2387.2 | 2370.2 | 2358.5 | 2346.8 | 2339.9 |
| 10°   | 2550.6 | 2510.8 | 2474.2 | 2437.6 | 2408.5 | 2379.3 | 2360.4 | 2341.1 | 2330.0 | 2319.1 | 2313.1 |
| 12.5° | 2614.3 | 2583.3 | 2545.4 | 2507.6 | 2470.4 | 2433.2 | 2408.6 | 2384.0 | 2371.7 | 2359.4 | 2354.4 |
| 15°   | 2727.3 | 2719.2 | 2686.3 | 2653.4 | 2600.5 | 2547.6 | 2510.2 | 2472.9 | 2455.7 | 2438.7 | 2432.1 |
| 17.5° | 2836.4 | 2861.6 | 2835.0 | 2808.6 | 2738.6 | 2668.5 | 2613.4 | 2558.4 | 2533.0 | 2507.6 | 2499.3 |
| 20°   | 2877.0 | 2930.0 | 2917.7 | 2905.4 | 2825.2 | 2745.3 | 2677.7 | 2610.3 | 2577.8 | 2545.3 | 2534.8 |
| 22.5° | 2820.5 | 2889.5 | 2897.0 | 2904.2 | 2827.8 | 2751.2 | 2681.7 | 2612.1 | 2577.9 | 2543.6 | 2532.2 |
| 25°   | 2689.6 | 2757.5 | 2782.9 | 2808.1 | 2745.4 | 2682.7 | 2620.8 | 2559.2 | 2529.5 | 2499.9 | 2489.1 |
| 27.5° | 2529.9 | 2584.3 | 2612.5 | 2640.9 | 2596.1 | 2551.5 | 2503.6 | 2455.6 | 2435.7 | 2415.7 | 2410.8 |
| 30°   | 2373.8 | 2419.0 | 2442.0 | 2464.9 | 2430.9 | 2396.9 | 2362.5 | 2328.0 | 2317.8 | 2307.6 | 2307.6 |
| 32.5° | 2222.9 | 2266.4 | 2291.8 | 2317.4 | 2286.2 | 2254.8 | 2227.3 | 2199.9 | 2193.2 | 2186.5 | 2187.5 |
| 35°   | 2077.7 | 2120.6 | 2151.3 | 2181.9 | 2159.6 | 2137.4 | 2112.0 | 2086.8 | 2076.6 | 2066.6 | 2064.4 |
| 37.5° | 1939.4 | 1982.2 | 2020.1 | 2057.8 | 2047.5 | 2037.3 | 2014.0 | 1990.7 | 1972.2 | 1953.8 | 1944.1 |
| 40°   | 1808.6 | 1850.0 | 1893.5 | 1937.0 | 1939.6 | 1942.0 | 1922.2 | 1902.4 | 1875.5 | 1848.9 | 1830.8 |
| 42.5° | 1688.0 | 1727.2 | 1774.3 | 1821.2 | 1833.8 | 1846.3 | 1829.6 | 1813.0 | 1779.7 | 1746.4 | 1720.1 |
| 45°   | 1584.4 | 1621.6 | 1670.3 | 1719.0 | 1737.1 | 1755.1 | 1740.0 | 1725.1 | 1686.9 | 1648.9 | 1618.0 |
| 47.5° | 1502.4 | 1538.7 | 1586.8 | 1634.9 | 1655.7 | 1676.4 | 1665.9 | 1655.5 | 1621.6 | 1587.7 | 1559.0 |
| 50°   | 1441.4 | 1475.6 | 1518.6 | 1561.7 | 1588.3 | 1615.0 | 1614.4 | 1614.0 | 1586.8 | 1559.7 | 1533.3 |
| 52.5° | 1399.7 | 1431.1 | 1471.2 | 1511.4 | 1543.0 | 1574.6 | 1580.2 | 1586.0 | 1563.8 | 1541.8 | 1518.0 |
| 55°   | 1372.9 | 1406.7 | 1441.9 | 1477.0 | 1510.4 | 1544.0 | 1551.8 | 1559.7 | 1540.5 | 1521.2 | 1500.5 |
| 57.5° | 1339.2 | 1378.9 | 1413.7 | 1448.5 | 1482.4 | 1516.0 | 1524.0 | 1532.0 | 1512.5 | 1493.0 | 1472.5 |
| 60°   | 1291.7 | 1337.4 | 1372.7 | 1408.1 | 1442.0 | 1475.9 | 1484.6 | 1493.4 | 1474.4 | 1455.5 | 1434.3 |
| 62.5° | 1224.2 | 1277.6 | 1315.3 | 1352.9 | 1384.0 | 1415.0 | 1423.4 | 1431.8 | 1414.7 | 1397.5 | 1375.2 |
| 65°   | 1147.7 | 1204.9 | 1241.0 | 1276.9 | 1304.3 | 1331.7 | 1340.3 | 1348.8 | 1332.3 | 1315.8 | 1294.2 |
| 67.5° | 1069.1 | 1121.8 | 1156.0 | 1190.1 | 1213.7 | 1237.3 | 1245.8 | 1254.1 | 1238.8 | 1223.7 | 1203.7 |
| 70°   | 988.6  | 1034.9 | 1064.5 | 1094.0 | 1115.2 | 1136.5 | 1144.6 | 1152.7 | 1140.4 | 1128.0 | 1108.8 |
| 72.5° | 890.5  | 926.9  | 953.7  | 980.3  | 1001.1 | 1022.0 | 1031.7 | 1041.3 | 1030.9 | 1020.7 | 1002.3 |
| 75°   | 774.8  | 802.0  | 826.0  | 850.2  | 869.2  | 888.3  | 898.3  | 908.4  | 903.3  | 898.3  | 882.9  |
| 77.5° | 657.2  | 679.2  | 700.0  | 720.8  | 740.8  | 760.7  | 770.0  | 779.4  | 772.4  | 765.2  | 749.7  |
| 80°   | 525.4  | 543.7  | 561.2  | 578.6  | 593.9  | 609.0  | 621.4  | 633.9  | 630.8  | 627.8  | 607.0  |
| 82.5° | 379.9  | 378.3  | 372.2  | 366.1  | 398.4  | 430.8  | 452.0  | 473.2  | 471.9  | 470.5  | 452.8  |
| 85°   | 229.3  | 221.3  | 204.4  | 187.5  | 217.7  | 248.0  | 274.3  | 300.5  | 298.4  | 296.1  | 282.4  |
| 87.5° | 109.9  | 109.5  | 96.7   | 83.6   | 96.2   | 109.1  | 119.6  | 130.3  | 127.6  | 124.8  | 117.8  |
| 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-SB4B-830-U-SLL

**CANDELA DISTRIBUTION (continued):**

|       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 |
| 2.5°  | 2595.0 | 2585.7 | 2595.0 | 2602.5 | 2610.0 | 2618.1 | 2626.2 | 2636.5 | 2646.9 | 2659.8 | 2672.6 |
| 5°    | 2430.5 | 2422.8 | 2430.5 | 2438.3 | 2446.1 | 2456.2 | 2466.4 | 2480.7 | 2495.0 | 2515.6 | 2536.0 |
| 7.5°  | 2333.0 | 2327.8 | 2333.0 | 2339.9 | 2346.8 | 2358.5 | 2370.2 | 2387.2 | 2404.2 | 2428.5 | 2452.9 |
| 10°   | 2307.2 | 2304.8 | 2307.2 | 2313.1 | 2319.1 | 2330.0 | 2341.1 | 2360.4 | 2379.3 | 2408.5 | 2437.6 |
| 12.5° | 2349.4 | 2348.5 | 2349.4 | 2354.4 | 2359.4 | 2371.7 | 2384.0 | 2408.6 | 2433.2 | 2470.4 | 2507.6 |
| 15°   | 2425.6 | 2425.0 | 2425.6 | 2432.1 | 2438.7 | 2455.7 | 2472.9 | 2510.2 | 2547.6 | 2600.5 | 2653.4 |
| 17.5° | 2490.9 | 2489.5 | 2490.9 | 2499.3 | 2507.6 | 2533.0 | 2558.4 | 2613.4 | 2668.5 | 2738.6 | 2808.6 |
| 20°   | 2524.5 | 2521.2 | 2524.5 | 2534.8 | 2545.3 | 2577.8 | 2610.3 | 2677.7 | 2745.3 | 2825.2 | 2905.4 |
| 22.5° | 2520.7 | 2515.8 | 2520.7 | 2532.2 | 2543.6 | 2577.9 | 2612.1 | 2681.7 | 2751.2 | 2827.8 | 2904.2 |
| 25°   | 2478.3 | 2472.0 | 2478.3 | 2489.1 | 2499.9 | 2529.5 | 2559.2 | 2620.8 | 2682.7 | 2745.4 | 2808.1 |
| 27.5° | 2405.9 | 2404.2 | 2405.9 | 2410.8 | 2415.7 | 2435.7 | 2455.6 | 2503.6 | 2551.5 | 2596.1 | 2640.9 |
| 30°   | 2307.6 | 2309.2 | 2307.6 | 2307.6 | 2307.6 | 2317.8 | 2328.0 | 2362.5 | 2396.9 | 2430.9 | 2464.9 |
| 32.5° | 2188.5 | 2190.1 | 2188.5 | 2187.5 | 2186.5 | 2193.2 | 2199.9 | 2227.3 | 2254.8 | 2286.2 | 2317.4 |
| 35°   | 2062.2 | 2061.1 | 2062.2 | 2064.4 | 2066.6 | 2076.6 | 2086.8 | 2112.0 | 2137.4 | 2159.6 | 2181.9 |
| 37.5° | 1934.4 | 1928.8 | 1934.4 | 1944.1 | 1953.8 | 1972.2 | 1990.7 | 2014.0 | 2037.3 | 2047.5 | 2057.8 |
| 40°   | 1812.8 | 1802.2 | 1812.8 | 1830.8 | 1848.9 | 1875.5 | 1902.4 | 1922.2 | 1942.0 | 1939.6 | 1937.0 |
| 42.5° | 1693.7 | 1676.4 | 1693.7 | 1720.1 | 1746.4 | 1779.7 | 1813.0 | 1829.6 | 1846.3 | 1833.8 | 1821.2 |
| 45°   | 1587.0 | 1567.1 | 1587.0 | 1618.0 | 1648.9 | 1686.9 | 1725.1 | 1740.0 | 1755.1 | 1737.1 | 1719.0 |
| 47.5° | 1530.5 | 1511.4 | 1530.5 | 1559.0 | 1587.7 | 1621.6 | 1655.5 | 1665.9 | 1676.4 | 1655.7 | 1634.9 |
| 50°   | 1506.9 | 1488.5 | 1506.9 | 1533.3 | 1559.7 | 1586.8 | 1614.0 | 1614.4 | 1615.0 | 1588.3 | 1561.7 |
| 52.5° | 1494.4 | 1477.5 | 1494.4 | 1518.0 | 1541.8 | 1563.8 | 1586.0 | 1580.2 | 1574.6 | 1543.0 | 1511.4 |
| 55°   | 1479.7 | 1464.4 | 1479.7 | 1500.5 | 1521.2 | 1540.5 | 1559.7 | 1551.8 | 1544.0 | 1510.4 | 1477.0 |
| 57.5° | 1451.8 | 1436.0 | 1451.8 | 1472.5 | 1493.0 | 1512.5 | 1532.0 | 1524.0 | 1516.0 | 1482.4 | 1448.5 |
| 60°   | 1413.1 | 1396.7 | 1413.1 | 1434.3 | 1455.5 | 1474.4 | 1493.4 | 1484.6 | 1475.9 | 1442.0 | 1408.1 |
| 62.5° | 1352.9 | 1333.3 | 1352.9 | 1375.2 | 1397.5 | 1414.7 | 1431.8 | 1423.4 | 1415.0 | 1384.0 | 1352.9 |
| 65°   | 1272.6 | 1255.7 | 1272.6 | 1294.2 | 1315.8 | 1332.3 | 1348.8 | 1340.3 | 1331.7 | 1304.3 | 1276.9 |
| 67.5° | 1183.6 | 1168.3 | 1183.6 | 1203.7 | 1223.7 | 1238.8 | 1254.1 | 1245.8 | 1237.3 | 1213.7 | 1190.1 |
| 70°   | 1089.6 | 1072.0 | 1089.6 | 1108.8 | 1128.0 | 1140.4 | 1152.7 | 1144.6 | 1136.5 | 1115.2 | 1094.0 |
| 72.5° | 984.1  | 967.2  | 984.1  | 1002.3 | 1020.7 | 1030.9 | 1041.3 | 1031.7 | 1022.0 | 1001.1 | 980.3  |
| 75°   | 867.5  | 851.4  | 867.5  | 882.9  | 898.3  | 903.3  | 908.4  | 898.3  | 888.3  | 869.2  | 850.2  |
| 77.5° | 734.2  | 721.3  | 734.2  | 749.7  | 765.2  | 772.4  | 779.4  | 770.0  | 760.7  | 740.8  | 720.8  |
| 80°   | 586.0  | 561.7  | 586.0  | 607.0  | 627.8  | 630.8  | 633.9  | 621.4  | 609.0  | 593.9  | 578.6  |
| 82.5° | 435.2  | 419.6  | 435.2  | 452.8  | 470.5  | 471.9  | 473.2  | 452.0  | 430.8  | 398.4  | 366.1  |
| 85°   | 268.7  | 254.6  | 268.7  | 282.4  | 296.1  | 298.4  | 300.5  | 274.3  | 248.0  | 217.7  | 187.5  |
| 87.5° | 110.6  | 103.8  | 110.6  | 117.8  | 124.8  | 127.6  | 130.3  | 119.6  | 109.1  | 96.2   | 83.6   |
| 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):**

|       | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 |
| 2.5°  | 2689.1 | 2705.7 | 2722.2 | 2738.7 | 2757.5 | 2776.4 | 2797.2 | 2818.2 | 2844.2 | 2867.4 | 2891.4 |
| 5°    | 2562.6 | 2589.1 | 2618.5 | 2647.8 | 2680.9 | 2714.1 | 2753.8 | 2793.3 | 2838.6 | 2884.6 | 2933.2 |
| 7.5°  | 2485.3 | 2517.9 | 2554.8 | 2591.7 | 2635.4 | 2679.1 | 2731.7 | 2784.3 | 2843.0 | 2905.7 | 2973.5 |
| 10°   | 2474.2 | 2510.8 | 2550.6 | 2590.3 | 2633.9 | 2677.7 | 2733.2 | 2788.7 | 2851.8 | 2929.0 | 3009.5 |
| 12.5° | 2545.4 | 2583.3 | 2614.3 | 2645.5 | 2674.4 | 2703.4 | 2748.7 | 2794.1 | 2852.9 | 2934.1 | 3024.9 |
| 15°   | 2686.3 | 2719.2 | 2727.3 | 2735.4 | 2731.4 | 2727.5 | 2749.2 | 2770.9 | 2817.9 | 2907.8 | 3013.0 |
| 17.5° | 2835.0 | 2861.6 | 2836.4 | 2811.1 | 2763.4 | 2715.7 | 2707.8 | 2699.8 | 2728.9 | 2834.6 | 2961.0 |
| 20°   | 2917.7 | 2930.0 | 2877.0 | 2823.9 | 2741.1 | 2658.3 | 2621.2 | 2584.0 | 2591.7 | 2714.8 | 2871.5 |
| 22.5° | 2897.0 | 2889.5 | 2820.5 | 2751.6 | 2656.9 | 2562.5 | 2507.6 | 2452.6 | 2437.6 | 2577.8 | 2766.6 |
| 25°   | 2782.9 | 2757.5 | 2689.6 | 2621.7 | 2536.7 | 2451.8 | 2388.5 | 2325.0 | 2284.6 | 2428.3 | 2649.3 |
| 27.5° | 2612.5 | 2584.3 | 2529.9 | 2475.5 | 2405.8 | 2336.0 | 2274.8 | 2213.6 | 2164.4 | 2295.2 | 2542.1 |
| 30°   | 2442.0 | 2419.0 | 2373.8 | 2328.6 | 2270.7 | 2212.8 | 2164.1 | 2115.5 | 2077.0 | 2186.8 | 2452.4 |
| 32.5° | 2291.8 | 2266.4 | 2222.9 | 2179.7 | 2133.3 | 2087.1 | 2058.4 | 2029.6 | 2012.5 | 2101.0 | 2375.2 |
| 35°   | 2151.3 | 2120.6 | 2077.7 | 2034.9 | 1999.7 | 1964.4 | 1956.4 | 1948.5 | 1955.7 | 2029.4 | 2299.3 |
| 37.5° | 2020.1 | 1982.2 | 1939.4 | 1896.7 | 1871.3 | 1846.0 | 1854.7 | 1863.6 | 1889.5 | 1954.1 | 2209.8 |
| 40°   | 1893.5 | 1850.0 | 1808.6 | 1767.3 | 1749.1 | 1730.8 | 1750.6 | 1770.4 | 1810.3 | 1868.8 | 2103.2 |
| 42.5° | 1774.3 | 1727.2 | 1688.0 | 1648.9 | 1634.0 | 1619.1 | 1645.3 | 1671.5 | 1721.8 | 1775.7 | 1985.5 |
| 45°   | 1670.3 | 1621.6 | 1584.4 | 1547.2 | 1534.5 | 1522.1 | 1547.5 | 1573.2 | 1621.8 | 1676.4 | 1860.5 |
| 47.5° | 1586.8 | 1538.7 | 1502.4 | 1466.1 | 1454.4 | 1442.6 | 1464.0 | 1485.4 | 1527.2 | 1597.8 | 1761.6 |
| 50°   | 1518.6 | 1475.6 | 1441.4 | 1407.0 | 1388.6 | 1370.2 | 1389.1 | 1408.1 | 1456.7 | 1549.4 | 1695.9 |
| 52.5° | 1471.2 | 1431.1 | 1399.7 | 1368.3 | 1340.7 | 1313.0 | 1331.8 | 1350.5 | 1418.5 | 1525.1 | 1652.6 |
| 55°   | 1441.9 | 1406.7 | 1372.9 | 1339.0 | 1299.8 | 1260.6 | 1290.2 | 1319.9 | 1422.4 | 1521.5 | 1621.2 |
| 57.5° | 1413.7 | 1378.9 | 1339.2 | 1299.4 | 1257.2 | 1215.0 | 1258.3 | 1301.5 | 1426.2 | 1513.6 | 1584.0 |
| 60°   | 1372.7 | 1337.4 | 1291.7 | 1246.1 | 1209.1 | 1172.1 | 1228.3 | 1284.3 | 1414.2 | 1471.8 | 1527.2 |
| 62.5° | 1315.3 | 1277.6 | 1224.2 | 1171.0 | 1147.5 | 1124.0 | 1194.0 | 1264.2 | 1384.7 | 1391.7 | 1428.4 |
| 65°   | 1241.0 | 1204.9 | 1147.7 | 1090.7 | 1081.7 | 1072.7 | 1147.3 | 1221.8 | 1313.6 | 1312.7 | 1330.1 |
| 67.5° | 1156.0 | 1121.8 | 1069.1 | 1016.4 | 1019.2 | 1022.0 | 1084.1 | 1146.2 | 1197.7 | 1200.2 | 1190.5 |
| 70°   | 1064.5 | 1034.9 | 988.6  | 942.3  | 952.1  | 962.0  | 1006.0 | 1050.2 | 1067.1 | 1067.1 | 1022.2 |
| 72.5° | 953.7  | 926.9  | 890.5  | 854.0  | 868.4  | 882.8  | 913.1  | 943.3  | 943.1  | 932.4  | 868.7  |
| 75°   | 826.0  | 802.0  | 774.8  | 747.7  | 761.6  | 775.4  | 798.8  | 822.0  | 826.2  | 776.8  | 705.3  |
| 77.5° | 700.0  | 679.2  | 657.2  | 635.2  | 649.1  | 663.2  | 681.8  | 700.5  | 702.7  | 621.3  | 551.9  |
| 80°   | 561.2  | 543.7  | 525.4  | 507.1  | 518.9  | 530.5  | 546.3  | 561.9  | 562.3  | 465.0  | 406.3  |
| 82.5° | 372.2  | 378.3  | 379.9  | 381.4  | 389.7  | 398.0  | 405.7  | 413.3  | 408.8  | 325.6  | 282.4  |
| 85°   | 204.4  | 221.3  | 229.3  | 237.2  | 246.4  | 255.7  | 263.9  | 272.1  | 266.1  | 204.4  | 172.7  |
| 87.5° | 96.7   | 109.5  | 109.9  | 110.2  | 111.9  | 113.7  | 117.0  | 120.2  | 112.5  | 86.9   | 73.9   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

REPORT NUMBER: P966299

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**CANDELA DISTRIBUTION (continued):**

|       | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°    |
|-------|--------|--------|--------|--------|--------|--------|---------|
| 0°    | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0 | 2848.0  |
| 2.5°  | 2915.5 | 2940.6 | 2965.7 | 2990.6 | 3015.8 | 3039.2 | 3062.7  |
| 5°    | 2981.8 | 3033.9 | 3086.0 | 3137.6 | 3189.5 | 3241.4 | 3293.3  |
| 7.5°  | 3041.4 | 3118.5 | 3195.4 | 3274.6 | 3353.7 | 3439.3 | 3525.0  |
| 10°   | 3089.7 | 3183.3 | 3276.9 | 3381.4 | 3485.9 | 3594.3 | 3702.6  |
| 12.5° | 3115.7 | 3226.1 | 3336.5 | 3455.0 | 3573.4 | 3692.3 | 3811.3  |
| 15°   | 3118.2 | 3245.3 | 3372.4 | 3500.8 | 3629.3 | 3753.3 | 3877.5  |
| 17.5° | 3087.5 | 3235.0 | 3382.6 | 3522.8 | 3663.0 | 3788.8 | 3914.6  |
| 20°   | 3028.3 | 3207.1 | 3385.9 | 3539.9 | 3694.0 | 3824.9 | 3955.6  |
| 22.5° | 2955.3 | 3172.8 | 3390.2 | 3563.1 | 3735.9 | 3869.6 | 4003.1  |
| 25°   | 2870.4 | 3138.9 | 3407.5 | 3605.1 | 3802.5 | 3933.3 | 4064.3  |
| 27.5° | 2788.9 | 3116.2 | 3443.6 | 3670.6 | 3897.7 | 4022.5 | 4147.4  |
| 30°   | 2718.1 | 3105.6 | 3493.0 | 3755.6 | 4018.2 | 4138.7 | 4259.4  |
| 32.5° | 2649.3 | 3092.5 | 3535.5 | 3844.2 | 4152.8 | 4272.2 | 4391.6  |
| 35°   | 2569.1 | 3067.8 | 3566.8 | 3945.2 | 4323.6 | 4437.9 | 4552.2  |
| 37.5° | 2465.6 | 3025.6 | 3585.4 | 4058.3 | 4531.1 | 4677.0 | 4822.7  |
| 40°   | 2337.6 | 2967.3 | 3597.1 | 4201.9 | 4806.5 | 5019.0 | 5231.5  |
| 42.5° | 2195.3 | 2907.2 | 3619.3 | 4389.8 | 5160.3 | 5466.8 | 5773.5  |
| 45°   | 2044.5 | 2851.3 | 3658.3 | 4637.0 | 5615.6 | 6029.3 | 6442.8  |
| 47.5° | 1925.4 | 2805.2 | 3685.1 | 4900.3 | 6115.6 | 6697.9 | 7280.0  |
| 50°   | 1842.3 | 2755.0 | 3667.6 | 5144.7 | 6621.8 | 7499.5 | 8377.2  |
| 52.5° | 1780.2 | 2670.0 | 3559.9 | 5303.3 | 7046.7 | 8341.8 | 9636.7  |
| 55°   | 1721.0 | 2529.3 | 3337.6 | 5268.4 | 7199.1 | 9088.4 | 10977.6 |
| 57.5° | 1654.6 | 2330.8 | 3006.9 | 5022.3 | 7037.8 | 9617.5 | 12197.3 |
| 60°   | 1582.7 | 2073.2 | 2563.6 | 4564.3 | 6564.9 | 9749.7 | 12934.4 |
| 62.5° | 1465.3 | 1764.7 | 2064.1 | 3944.9 | 5825.8 | 9192.9 | 12560.1 |
| 65°   | 1347.5 | 1487.3 | 1627.0 | 3313.1 | 4999.2 | 8405.1 | 11811.0 |
| 67.5° | 1180.8 | 1220.6 | 1260.2 | 2694.1 | 4127.9 | 7467.5 | 10807.2 |
| 70°   | 977.2  | 966.0  | 954.6  | 2121.2 | 3287.8 | 6444.5 | 9601.2  |
| 72.5° | 804.9  | 770.6  | 736.4  | 1621.7 | 2506.9 | 5335.5 | 8164.1  |
| 75°   | 633.9  | 602.8  | 571.7  | 1177.0 | 1782.2 | 4064.2 | 6346.2  |
| 77.5° | 482.5  | 461.2  | 440.2  | 797.6  | 1155.0 | 2844.6 | 4534.2  |
| 80°   | 347.5  | 338.8  | 330.0  | 513.8  | 697.8  | 1832.7 | 2967.6  |
| 82.5° | 239.1  | 237.4  | 235.9  | 316.0  | 396.5  | 1060.7 | 1725.1  |
| 85°   | 140.9  | 141.9  | 142.6  | 168.9  | 195.4  | 477.1  | 759.0   |
| 87.5° | 61.0   | 61.7   | 62.5   | 70.0   | 77.6   | 156.3  | 234.9   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     |

(END OF REPORT)