

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: P968933

Luminaire Tested: **NVN-SB5C-830-U-SLL-HSS**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P968933  
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-SB5C-830-U-SLL-HSS  
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE  
(5) 80 CRI, 3000K, 615mA 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: 26591.6 lumens  
Efficiency: N/A  
Efficacy: 106.6 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G4  
  
Input Watts (W): 249.5  
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



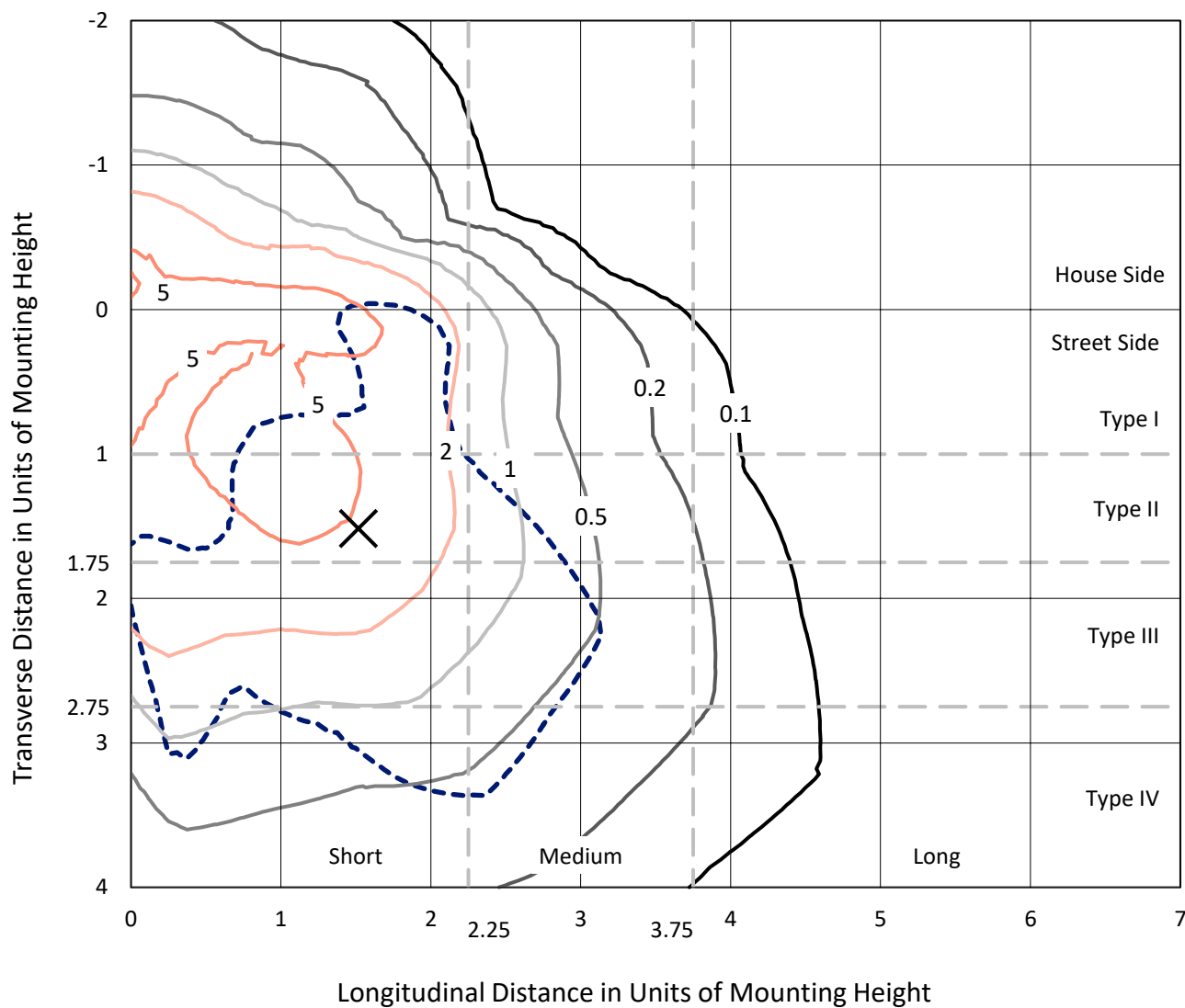
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## Iso-Footcandle Lines of Horizontal Illumination

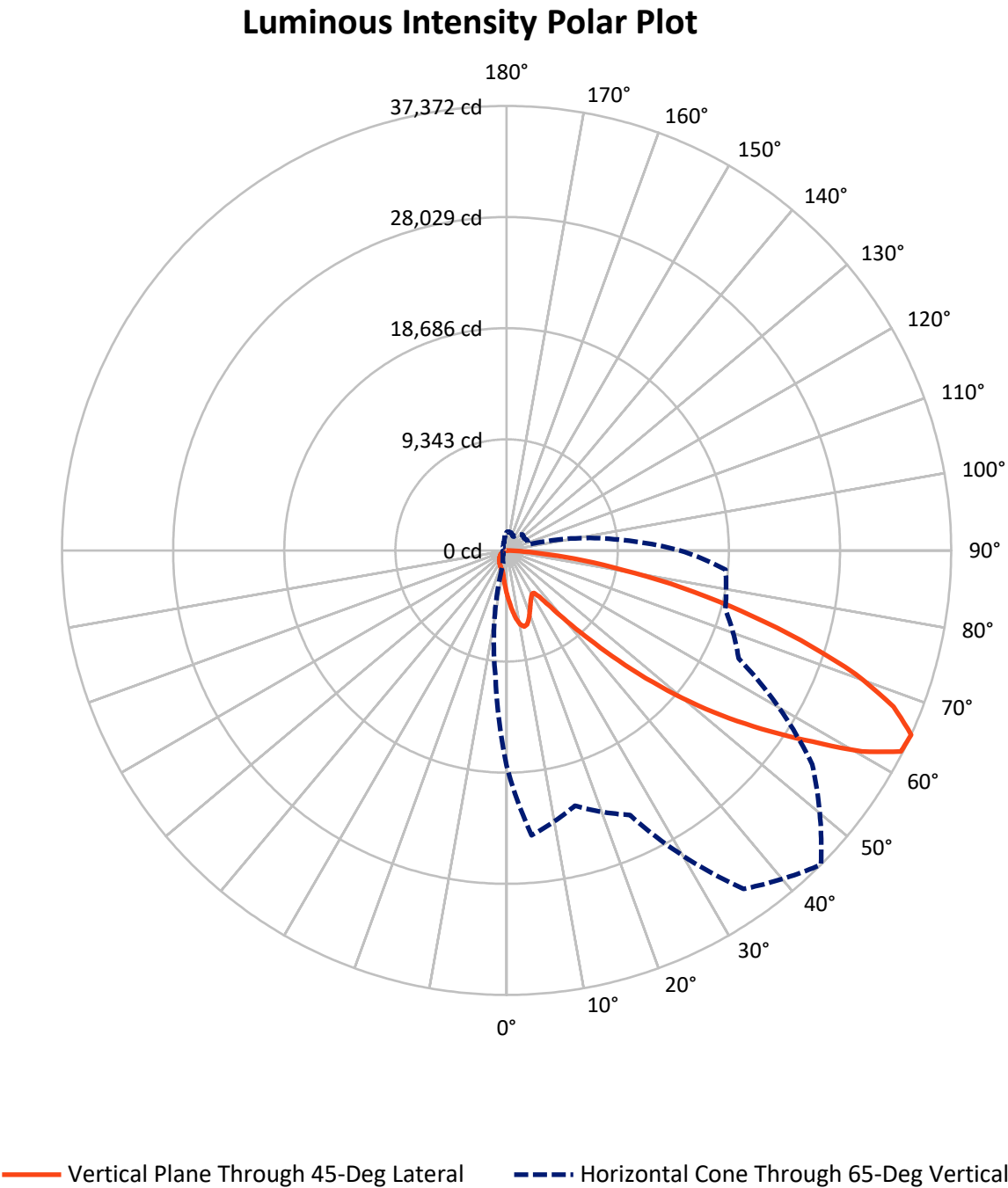
✕ Max cd

--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.7 fc  
 Type IV - Short - N/A

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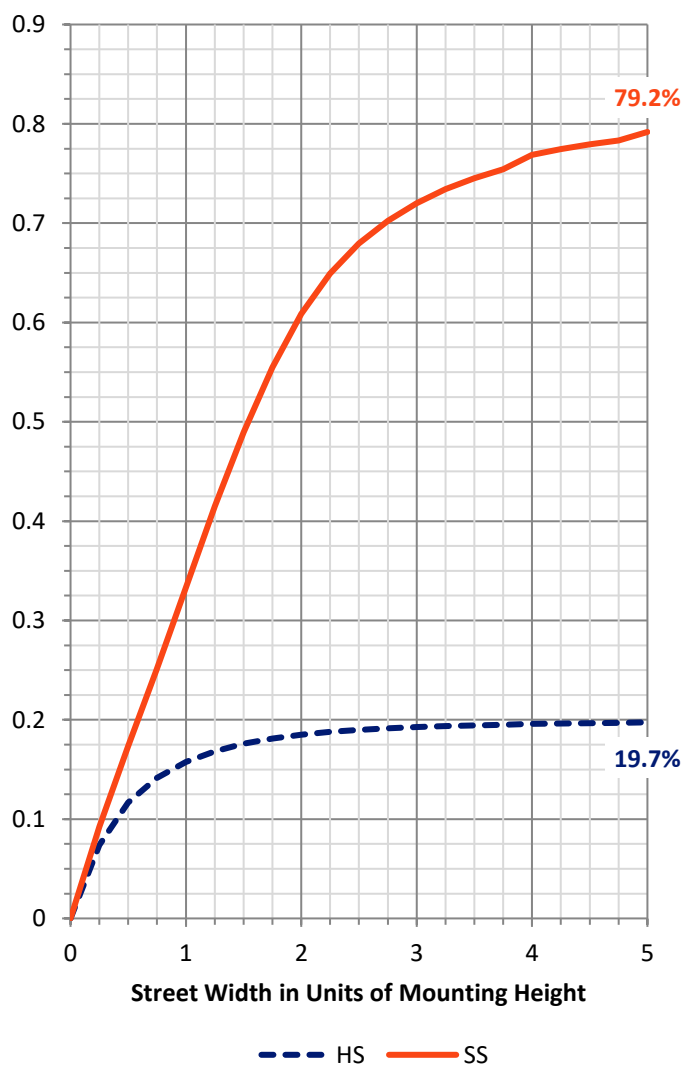
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 5285.6   | 0.0    | 5285.6  |
|                    | % Fixture | 19.9     | 0.0    | 19.9    |
| <b>Street Side</b> | Lumens    | 21306.0  | 0.0    | 21306.0 |
|                    | % Fixture | 80.1     | 0.0    | 80.1    |
| <b>Total</b>       | Lumens    | 26591.6  | 0.0    | 26591.6 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 362.5   | 1.4       |
| 10°-20°   | 1086.7  | 4.1       |
| 20°-30°   | 1600.9  | 6.0       |
| 30°-40°   | 2056.8  | 7.7       |
| 40°-50°   | 3326.4  | 12.5      |
| 50°-60°   | 5833.2  | 21.9      |
| 60°-70°   | 7298.9  | 27.4      |
| 70°-80°   | 4265.1  | 16.0      |
| 80°-90°   | 761.0   | 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°    | 26591.6 | 100.0     |
| 0°-180°   | 26591.6 | 100.0     |

**Coefficient of Utilization**



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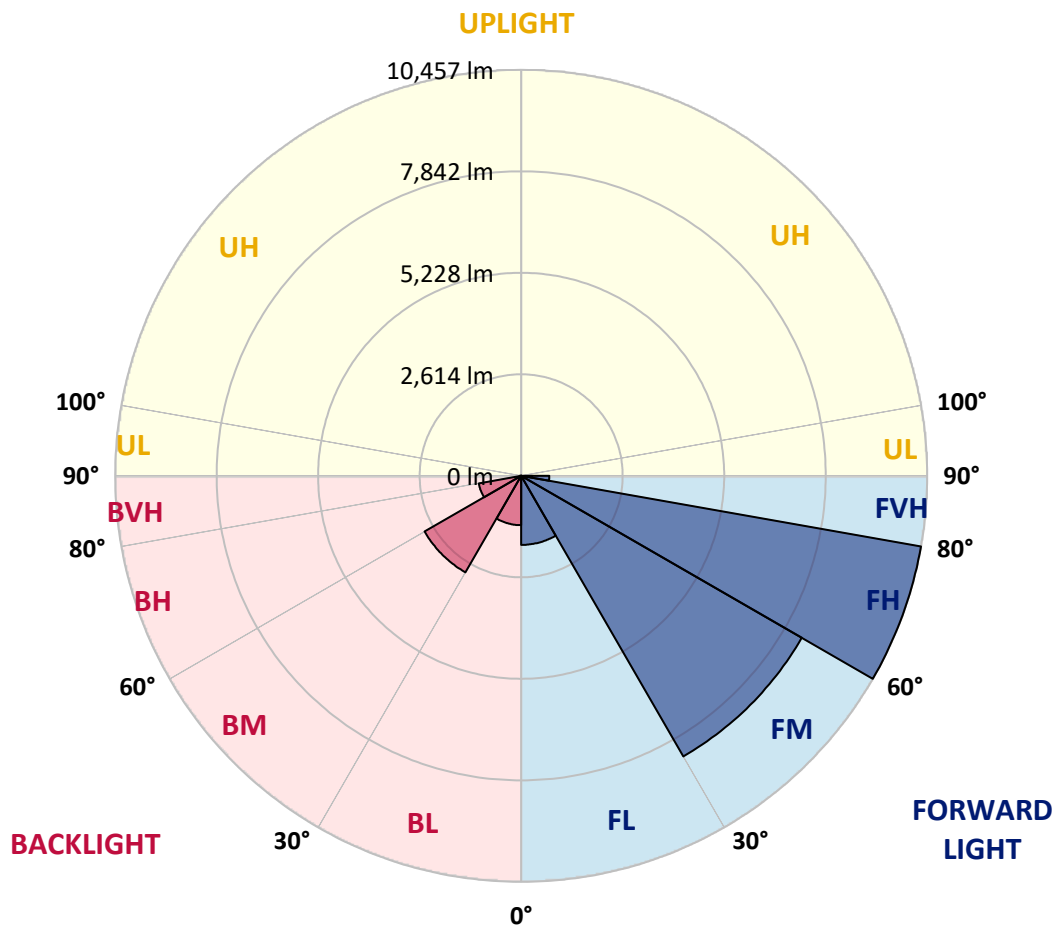
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|---------|-----------|-------------------------|------|----------|
|      |             |         |           | B                       | U    | G        |
| FL   | (0°-30°)    | 1779.3  | 6.7       |                         |      |          |
| FM   | (30°-60°)   | 8344.8  | 31.4      |                         |      |          |
| FH   | (60°-80°)   | 10456.6 | 39.3      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 725.3   | 2.7       |                         |      | G4/750   |
| BL   | (0°-30°)    | 1270.9  | 4.8       | B3/2500                 |      |          |
| BM   | (30°-60°)   | 2871.6  | 10.8      | B3/5000                 |      |          |
| BH   | (60°-80°)   | 1107.4  | 4.2       | B3/2500                 |      | G3/2500  |
| BVH  | (80°-90°)   | 35.7    | 0.1       |                         |      | G1/100   |
| 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°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 75°     | 85°     | 90°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 3682.1  | 3682.1  | 3682.1  | 3682.1  | 3682.1  | 3682.1  | 3682.1  | 3682.1  | 3682.1  | 3682.1  | 3682.1  |
| 2.5°  | 4125.4  | 4156.6  | 4226.2  | 4262.8  | 4319.6  | 4323.2  | 4323.2  | 4273.7  | 4272.0  | 4171.2  | 4160.2  |
| 5°    | 4610.9  | 4684.1  | 4849.0  | 5019.3  | 5056.0  | 5065.1  | 5046.8  | 4947.9  | 4874.6  | 4678.6  | 4636.5  |
| 7.5°  | 5092.6  | 5233.6  | 5484.7  | 5711.8  | 5785.1  | 5785.1  | 5741.1  | 5579.9  | 5429.7  | 5145.7  | 5039.5  |
| 10°   | 5492.0  | 5669.7  | 6010.4  | 6265.0  | 6349.3  | 6331.0  | 6241.2  | 6037.9  | 5830.9  | 5486.5  | 5347.2  |
| 12.5° | 5755.8  | 5955.5  | 6329.2  | 6534.3  | 6620.4  | 6572.8  | 6470.2  | 6272.4  | 6054.4  | 5691.6  | 5534.1  |
| 15°   | 5887.7  | 6096.5  | 6420.7  | 6528.8  | 6505.1  | 6455.6  | 6442.7  | 6347.5  | 6182.6  | 5843.7  | 5671.5  |
| 17.5° | 5944.5  | 6138.6  | 6363.9  | 6296.2  | 6094.6  | 6056.2  | 6184.4  | 6305.3  | 6265.0  | 5975.6  | 5814.4  |
| 20°   | 5997.6  | 6160.7  | 6228.4  | 5928.0  | 5576.2  | 5541.5  | 5786.9  | 6131.3  | 6307.1  | 6098.3  | 5949.9  |
| 22.5° | 6070.9  | 6171.6  | 6032.4  | 5539.6  | 5160.4  | 5079.8  | 5350.9  | 5869.4  | 6319.9  | 6254.0  | 6105.6  |
| 25°   | 6171.6  | 6199.1  | 5816.3  | 5171.4  | 4790.3  | 4709.8  | 4962.5  | 5578.0  | 6298.0  | 6422.5  | 6296.2  |
| 27.5° | 6292.5  | 6235.7  | 5609.2  | 4863.6  | 4495.4  | 4420.3  | 4673.2  | 5297.8  | 6235.7  | 6591.2  | 6501.4  |
| 30°   | 6450.0  | 6283.4  | 5404.0  | 4625.5  | 4284.8  | 4229.8  | 4473.4  | 5056.0  | 6158.8  | 6805.5  | 6756.0  |
| 32.5° | 6609.4  | 6303.5  | 5213.6  | 4486.3  | 4237.1  | 4257.3  | 4457.0  | 4925.9  | 6074.6  | 7010.6  | 7034.5  |
| 35°   | 6781.6  | 6367.6  | 5120.1  | 4623.7  | 4634.6  | 4810.5  | 4892.9  | 5046.8  | 6061.7  | 7289.1  | 7382.5  |
| 37.5° | 7016.1  | 6510.5  | 5231.8  | 5306.9  | 5688.0  | 6052.5  | 5984.8  | 5638.5  | 6210.1  | 7704.9  | 7879.0  |
| 40°   | 7353.1  | 6761.5  | 5719.1  | 6470.2  | 7252.4  | 7844.1  | 7585.8  | 6713.9  | 6664.3  | 8303.9  | 8564.1  |
| 42.5° | 7844.1  | 7160.9  | 6583.8  | 7891.8  | 9218.0  | 10192.6 | 9500.1  | 8100.6  | 7459.4  | 9159.4  | 9491.0  |
| 45°   | 8569.5  | 7807.5  | 7629.8  | 9392.1  | 11641.6 | 13176.7 | 11736.9 | 9578.9  | 8573.2  | 10454.6 | 10714.6 |
| 47.5° | 9575.2  | 8758.2  | 8609.8  | 10972.9 | 14587.3 | 16573.0 | 14217.3 | 10949.2 | 9840.8  | 12220.5 | 12280.9 |
| 50°   | 10910.7 | 10038.7 | 9538.6  | 12702.3 | 17816.9 | 20035.3 | 16695.8 | 12271.8 | 11293.6 | 14378.4 | 14308.8 |
| 52.5° | 12673.0 | 11824.8 | 10621.3 | 14349.2 | 21138.1 | 23424.2 | 19185.3 | 13433.1 | 13096.1 | 16882.7 | 16739.7 |
| 55°   | 15076.4 | 14512.2 | 12101.5 | 15920.9 | 24457.4 | 26833.4 | 21577.7 | 14528.7 | 15477.6 | 19857.6 | 18992.9 |
| 57.5° | 18058.7 | 18461.7 | 14235.5 | 17743.6 | 27441.6 | 30347.0 | 23981.2 | 16060.1 | 18569.8 | 23184.3 | 20300.9 |
| 60°   | 19982.2 | 23713.7 | 18322.5 | 20438.3 | 30832.4 | 34320.3 | 27274.8 | 18972.8 | 21819.6 | 24376.9 | 20051.8 |
| 62.5° | 19516.8 | 25384.4 | 23217.3 | 23878.6 | 33950.3 | 37209.1 | 30502.7 | 21898.3 | 22431.4 | 22620.1 | 18131.9 |
| 65°   | 18089.8 | 24036.1 | 22218.9 | 24547.2 | 34739.8 | 37372.2 | 31365.5 | 21520.9 | 19027.8 | 18467.2 | 14574.5 |
| 67.5° | 16126.0 | 22436.8 | 19846.6 | 22774.0 | 33312.8 | 35093.3 | 29758.9 | 19036.9 | 14704.5 | 13858.2 | 10573.6 |
| 70°   | 14006.5 | 20667.3 | 18289.5 | 20784.5 | 30592.5 | 31121.9 | 27027.6 | 16743.4 | 10815.4 | 9359.1  | 6785.3  |
| 72.5° | 11995.2 | 18824.4 | 17223.4 | 18745.6 | 26963.4 | 25868.0 | 23471.9 | 14715.5 | 7875.3  | 6750.4  | 4823.3  |
| 75°   | 9938.0  | 16105.9 | 15704.7 | 16323.9 | 22191.5 | 20376.0 | 19502.2 | 12183.9 | 6180.7  | 4883.8  | 3328.5  |
| 77.5° | 7668.2  | 12585.1 | 13508.3 | 13072.3 | 15620.5 | 15135.0 | 15116.7 | 9155.7  | 4515.6  | 3258.9  | 2086.5  |
| 80°   | 5248.3  | 8771.0  | 10553.5 | 9221.7  | 10137.7 | 9890.3  | 11385.2 | 6142.3  | 3275.4  | 1962.0  | 1161.4  |
| 82.5° | 3084.8  | 5339.9  | 7345.9  | 4464.3  | 5605.5  | 5753.9  | 6779.8  | 2987.8  | 1927.1  | 452.4   | 252.8   |
| 85°   | 1251.2  | 2108.5  | 2872.4  | 1747.6  | 2703.8  | 2280.7  | 2573.8  | 839.0   | 536.8   | 11.0    | 0.0     |
| 87.5° | 315.1   | 674.1   | 472.6   | 196.0   | 313.2   | 287.6   | 227.1   | 102.6   | 21.9    | 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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**CANDELA DISTRIBUTION (continued):**

|       | 95°     | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   | 185°   |
|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3682.1  | 3682.1 | 3682.1 | 3682.1 | 3682.1 | 3682.1 | 3682.1 | 3682.1 | 3682.1 | 3682.1 | 3682.1 |
| 2.5°  | 4088.7  | 4046.6 | 3942.3 | 3837.8 | 3753.6 | 3640.0 | 3564.8 | 3475.1 | 3389.0 | 3312.1 | 3297.4 |
| 5°    | 4521.1  | 4381.9 | 4191.3 | 4017.3 | 3839.6 | 3667.4 | 3497.1 | 3317.5 | 3152.7 | 3051.9 | 2987.8 |
| 7.5°  | 4872.8  | 4627.4 | 4374.5 | 4152.9 | 3938.6 | 3737.0 | 3511.8 | 3293.7 | 3035.4 | 2898.1 | 2773.4 |
| 10°   | 5134.7  | 4812.4 | 4480.8 | 4226.2 | 4010.0 | 3814.0 | 3623.5 | 3403.6 | 3092.2 | 2920.0 | 2733.2 |
| 12.5° | 5306.9  | 4924.1 | 4535.7 | 4244.4 | 4002.6 | 3850.6 | 3766.4 | 3680.3 | 3370.7 | 3169.2 | 2898.1 |
| 15°   | 5426.0  | 5002.8 | 4574.2 | 4202.3 | 3905.6 | 3793.8 | 3878.1 | 3977.0 | 3779.2 | 3546.5 | 3193.0 |
| 17.5° | 5556.1  | 5105.4 | 4590.7 | 4088.7 | 3716.9 | 3669.3 | 3887.2 | 4116.2 | 4107.1 | 3876.2 | 3530.0 |
| 20°   | 5693.5  | 5195.2 | 4579.7 | 3905.6 | 3487.9 | 3530.0 | 3808.5 | 4074.1 | 4185.9 | 4061.3 | 3753.6 |
| 22.5° | 5834.5  | 5281.3 | 4537.6 | 3667.4 | 3273.5 | 3405.5 | 3684.0 | 3916.5 | 4048.4 | 4010.0 | 3775.5 |
| 25°   | 6012.2  | 5402.3 | 4475.3 | 3411.0 | 3095.9 | 3279.1 | 3539.2 | 3727.9 | 3819.5 | 3817.6 | 3656.5 |
| 27.5° | 6224.7  | 5563.4 | 4442.3 | 3203.9 | 2969.5 | 3136.2 | 3367.0 | 3535.5 | 3599.7 | 3599.7 | 3471.4 |
| 30°   | 6472.1  | 5753.9 | 4405.7 | 3068.4 | 2896.2 | 2987.8 | 3167.4 | 3332.2 | 3396.3 | 3396.3 | 3288.2 |
| 32.5° | 6746.9  | 5937.1 | 4317.7 | 2985.9 | 2841.2 | 2843.0 | 2956.6 | 3106.9 | 3183.9 | 3194.8 | 3117.8 |
| 35°   | 7076.6  | 6133.2 | 4125.4 | 2920.0 | 2777.1 | 2702.0 | 2756.9 | 2881.6 | 2973.1 | 2997.0 | 2949.3 |
| 37.5° | 7508.8  | 6373.1 | 3850.6 | 2823.0 | 2678.2 | 2553.7 | 2566.5 | 2661.7 | 2762.5 | 2799.1 | 2768.0 |
| 40°   | 8089.6  | 6655.2 | 3564.8 | 2683.8 | 2539.0 | 2390.6 | 2385.1 | 2454.8 | 2553.7 | 2594.0 | 2577.5 |
| 42.5° | 8857.1  | 6994.1 | 3291.9 | 2550.0 | 2370.4 | 2218.4 | 2209.3 | 2264.2 | 2350.3 | 2392.5 | 2385.1 |
| 45°   | 9839.1  | 7409.9 | 3057.4 | 2445.5 | 2205.6 | 2055.3 | 2051.7 | 2097.5 | 2172.6 | 2216.6 | 2207.4 |
| 47.5° | 11203.8 | 7825.8 | 2898.1 | 2390.6 | 2075.5 | 1921.7 | 1928.9 | 1969.2 | 2037.1 | 2068.2 | 2055.3 |
| 50°   | 12982.5 | 7952.2 | 2817.4 | 2390.6 | 2005.9 | 1802.6 | 1839.3 | 1872.2 | 1923.5 | 1941.8 | 1925.3 |
| 52.5° | 14689.9 | 7534.6 | 2744.1 | 2405.3 | 2015.0 | 1701.8 | 1780.6 | 1804.4 | 1848.4 | 1855.7 | 1831.9 |
| 55°   | 15527.0 | 6477.5 | 2643.4 | 2409.0 | 2071.8 | 1615.7 | 1733.0 | 1776.9 | 1793.4 | 1791.6 | 1751.3 |
| 57.5° | 15239.4 | 5237.3 | 2473.0 | 2394.3 | 2110.4 | 1560.8 | 1674.3 | 1758.6 | 1769.6 | 1753.2 | 1678.0 |
| 60°   | 14230.1 | 3856.2 | 2342.9 | 2286.2 | 2095.7 | 1544.3 | 1584.5 | 1718.3 | 1734.8 | 1712.8 | 1590.1 |
| 62.5° | 12537.4 | 2676.4 | 2242.2 | 2048.1 | 2031.5 | 1538.7 | 1443.5 | 1630.4 | 1670.6 | 1639.5 | 1460.0 |
| 65°   | 9870.1  | 1890.5 | 1930.8 | 1795.3 | 1892.4 | 1509.5 | 1296.9 | 1524.2 | 1579.1 | 1531.5 | 1278.7 |
| 67.5° | 6679.0  | 1364.8 | 1564.5 | 1626.7 | 1667.1 | 1443.5 | 1190.7 | 1403.2 | 1476.5 | 1414.2 | 1067.9 |
| 70°   | 3607.0  | 958.1  | 1033.2 | 1370.2 | 1416.0 | 1329.9 | 1095.4 | 1280.5 | 1364.8 | 1296.9 | 870.1  |
| 72.5° | 2130.5  | 688.8  | 723.5  | 1101.0 | 1179.8 | 1170.6 | 989.2  | 1137.6 | 1240.1 | 1159.6 | 707.1  |
| 75°   | 1174.2  | 465.2  | 516.6  | 798.7  | 958.1  | 903.1  | 850.0  | 963.6  | 1067.9 | 989.2  | 545.9  |
| 77.5° | 525.7   | 278.5  | 359.1  | 523.9  | 752.9  | 619.2  | 657.6  | 751.1  | 848.2  | 765.8  | 364.6  |
| 80°   | 203.4   | 155.7  | 238.1  | 285.8  | 547.8  | 342.6  | 423.1  | 553.2  | 622.8  | 556.9  | 221.7  |
| 82.5° | 25.6    | 69.6   | 102.6  | 111.7  | 318.8  | 181.3  | 245.5  | 348.1  | 342.6  | 296.7  | 111.7  |
| 85°   | 0.0     | 12.8   | 14.7   | 7.3    | 137.4  | 65.9   | 80.6   | 113.6  | 106.3  | 80.6   | 9.1    |
| 87.5° | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.7    | 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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**CANDELA DISTRIBUTION (continued):**

|       | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   | 285°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3682.1 | 3682.1 | 3682.1 | 3682.1 | 3682.1 | 3682.1 | 3682.1 | 3682.1 | 3682.1 | 3682.1 | 3682.1 |
| 2.5°  | 3207.6 | 3141.7 | 3108.7 | 3081.3 | 3106.9 | 3121.5 | 3121.5 | 3183.9 | 3220.4 | 3235.1 | 3337.7 |
| 5°    | 2826.6 | 2703.8 | 2621.4 | 2571.9 | 2588.4 | 2606.8 | 2626.9 | 2705.7 | 2758.8 | 2793.6 | 2953.0 |
| 7.5°  | 2526.2 | 2339.4 | 2223.9 | 2163.5 | 2172.6 | 2185.4 | 2201.9 | 2278.9 | 2332.0 | 2377.8 | 2555.4 |
| 10°   | 2377.8 | 2114.0 | 1962.0 | 1888.7 | 1875.9 | 1868.5 | 1863.0 | 1908.9 | 1949.1 | 1985.7 | 2161.6 |
| 12.5° | 2385.1 | 2016.9 | 1831.9 | 1742.1 | 1703.7 | 1659.7 | 1624.8 | 1632.2 | 1657.8 | 1703.7 | 1815.4 |
| 15°   | 2478.6 | 1985.7 | 1764.1 | 1652.4 | 1588.2 | 1537.0 | 1494.9 | 1485.6 | 1494.9 | 1502.1 | 1571.7 |
| 17.5° | 2604.9 | 1982.1 | 1705.5 | 1566.3 | 1500.3 | 1458.2 | 1419.7 | 1406.9 | 1408.8 | 1417.9 | 1436.2 |
| 20°   | 2705.7 | 1971.1 | 1639.5 | 1483.8 | 1425.2 | 1388.6 | 1350.1 | 1337.3 | 1340.9 | 1342.7 | 1362.9 |
| 22.5° | 2758.8 | 1954.6 | 1566.3 | 1401.4 | 1352.0 | 1315.3 | 1280.5 | 1278.7 | 1278.7 | 1289.7 | 1304.3 |
| 25°   | 2758.8 | 1919.8 | 1500.3 | 1322.7 | 1278.7 | 1245.7 | 1203.6 | 1210.8 | 1214.5 | 1229.2 | 1251.2 |
| 27.5° | 2692.9 | 1853.8 | 1447.2 | 1254.8 | 1209.1 | 1176.1 | 1137.6 | 1146.8 | 1152.2 | 1168.7 | 1196.2 |
| 30°   | 2608.6 | 1775.1 | 1386.7 | 1190.7 | 1137.6 | 1113.8 | 1080.8 | 1084.4 | 1091.8 | 1110.1 | 1141.2 |
| 32.5° | 2518.8 | 1681.7 | 1337.3 | 1126.6 | 1073.5 | 1055.1 | 1018.5 | 1024.0 | 1031.4 | 1051.5 | 1086.3 |
| 35°   | 2419.9 | 1571.7 | 1278.7 | 1067.9 | 1014.9 | 1000.2 | 958.1  | 961.8  | 972.7  | 994.8  | 1029.5 |
| 37.5° | 2315.5 | 1481.9 | 1220.1 | 1011.2 | 956.2  | 941.6  | 897.6  | 901.3  | 914.1  | 939.7  | 972.7  |
| 40°   | 2212.9 | 1394.1 | 1157.7 | 950.8  | 895.7  | 882.9  | 835.4  | 839.0  | 853.6  | 881.1  | 915.9  |
| 42.5° | 2101.1 | 1326.2 | 1077.2 | 888.5  | 829.8  | 817.0  | 773.1  | 778.6  | 795.0  | 822.6  | 857.3  |
| 45°   | 1967.5 | 1282.3 | 987.4  | 829.8  | 763.9  | 751.1  | 710.7  | 721.8  | 740.0  | 767.5  | 804.2  |
| 47.5° | 1830.0 | 1264.0 | 912.2  | 767.5  | 696.1  | 685.1  | 652.1  | 670.5  | 690.6  | 712.6  | 752.9  |
| 50°   | 1698.1 | 1240.1 | 835.4  | 708.9  | 637.4  | 626.5  | 604.5  | 628.3  | 648.5  | 668.6  | 707.1  |
| 52.5° | 1548.0 | 1188.9 | 765.8  | 657.6  | 588.0  | 584.4  | 573.4  | 595.3  | 613.7  | 632.0  | 665.0  |
| 55°   | 1392.3 | 1106.5 | 705.3  | 611.8  | 545.9  | 549.6  | 544.1  | 562.4  | 577.1  | 593.6  | 622.8  |
| 57.5° | 1256.6 | 1002.0 | 657.6  | 562.4  | 509.2  | 520.3  | 512.9  | 522.1  | 531.3  | 551.3  | 575.2  |
| 60°   | 1119.3 | 877.5  | 604.5  | 503.8  | 472.6  | 485.4  | 465.2  | 463.5  | 467.1  | 472.6  | 516.6  |
| 62.5° | 934.3  | 747.4  | 538.5  | 452.4  | 432.3  | 437.8  | 399.3  | 370.0  | 370.0  | 375.6  | 441.5  |
| 65°   | 751.1  | 626.5  | 465.2  | 393.8  | 377.4  | 373.7  | 318.8  | 278.5  | 274.8  | 291.3  | 348.1  |
| 67.5° | 617.4  | 520.3  | 392.1  | 327.9  | 316.9  | 320.6  | 280.2  | 240.0  | 236.3  | 254.6  | 296.7  |
| 70°   | 511.1  | 419.5  | 313.2  | 252.8  | 263.8  | 280.2  | 240.0  | 201.5  | 196.0  | 212.5  | 252.8  |
| 72.5° | 406.7  | 327.9  | 240.0  | 186.9  | 218.0  | 238.1  | 196.0  | 159.4  | 155.7  | 170.4  | 208.8  |
| 75°   | 298.6  | 234.5  | 163.1  | 135.6  | 168.5  | 186.9  | 142.9  | 113.6  | 108.0  | 121.0  | 159.4  |
| 77.5° | 185.0  | 131.9  | 102.6  | 80.6   | 115.4  | 124.5  | 75.1   | 65.9   | 64.2   | 73.3   | 100.8  |
| 80°   | 86.1   | 56.8   | 49.5   | 27.5   | 42.1   | 49.5   | 31.2   | 34.8   | 36.6   | 44.0   | 62.3   |
| 82.5° | 23.8   | 9.1    | 1.8    | 0.0    | 0.0    | 14.7   | 7.3    | 14.7   | 18.3   | 27.5   | 40.3   |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.7    | 9.1    | 16.5   | 29.3   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 7.3    | 14.7   |
| 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: P968933

CATALOG NUMBER: NVN-SB5C-830-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°    | 360°    |
|-------|--------|--------|--------|--------|--------|--------|---------|---------|
| 0°    | 3682.1 | 3682.1 | 3682.1 | 3682.1 | 3682.1 | 3682.1 | 3682.1  | 3682.1  |
| 2.5°  | 3414.6 | 3487.9 | 3605.1 | 3726.1 | 3845.1 | 3966.0 | 4083.3  | 4125.4  |
| 5°    | 3097.8 | 3266.3 | 3498.9 | 3748.0 | 4004.5 | 4264.6 | 4502.7  | 4610.9  |
| 7.5°  | 2744.1 | 2985.9 | 3335.9 | 3726.1 | 4134.5 | 4543.1 | 4918.6  | 5092.6  |
| 10°   | 2366.8 | 2672.7 | 3072.0 | 3599.7 | 4185.9 | 4750.1 | 5266.7  | 5492.0  |
| 12.5° | 2007.8 | 2328.3 | 2769.8 | 3401.8 | 4145.5 | 4869.2 | 5490.1  | 5755.8  |
| 15°   | 1707.3 | 1991.3 | 2467.6 | 3167.4 | 4015.4 | 4876.4 | 5596.4  | 5887.7  |
| 17.5° | 1481.9 | 1667.1 | 2159.8 | 2907.2 | 3845.1 | 4808.7 | 5633.0  | 5944.5  |
| 20°   | 1370.2 | 1421.6 | 1760.4 | 2573.8 | 3685.7 | 4744.6 | 5669.7  | 5997.6  |
| 22.5° | 1304.3 | 1317.1 | 1439.8 | 2143.3 | 3495.2 | 4724.4 | 5733.7  | 6070.9  |
| 25°   | 1251.2 | 1254.8 | 1287.8 | 1698.1 | 3203.9 | 4711.6 | 5832.8  | 6171.6  |
| 27.5° | 1198.0 | 1198.0 | 1216.4 | 1368.4 | 2808.3 | 4656.7 | 5961.0  | 6292.5  |
| 30°   | 1144.9 | 1144.9 | 1157.7 | 1210.8 | 2344.8 | 4548.5 | 6114.8  | 6450.0  |
| 32.5° | 1090.0 | 1090.0 | 1101.0 | 1139.4 | 1872.2 | 4413.0 | 6255.9  | 6609.4  |
| 35°   | 1035.0 | 1031.4 | 1046.0 | 1086.3 | 1489.3 | 4240.8 | 6396.9  | 6781.6  |
| 37.5° | 976.4  | 974.6  | 989.2  | 1035.0 | 1286.0 | 4041.2 | 6503.2  | 7016.1  |
| 40°   | 914.1  | 914.1  | 930.6  | 980.1  | 1227.3 | 3790.1 | 6671.7  | 7353.1  |
| 42.5° | 857.3  | 853.6  | 872.0  | 932.4  | 1183.4 | 3550.2 | 6974.0  | 7844.1  |
| 45°   | 802.4  | 795.0  | 811.5  | 886.6  | 1106.5 | 3465.9 | 7538.2  | 8569.5  |
| 47.5° | 751.1  | 732.8  | 747.4  | 831.7  | 1036.9 | 3781.0 | 8461.5  | 9575.2  |
| 50°   | 708.9  | 674.1  | 687.0  | 776.7  | 983.7  | 4464.3 | 9659.5  | 10910.7 |
| 52.5° | 665.0  | 619.2  | 626.5  | 708.9  | 936.1  | 5114.6 | 10958.3 | 12673.0 |
| 55°   | 619.2  | 567.8  | 571.5  | 641.1  | 868.3  | 5211.7 | 12226.0 | 15076.4 |
| 57.5° | 567.8  | 520.3  | 520.3  | 578.9  | 818.9  | 4517.4 | 13200.6 | 18058.7 |
| 60°   | 511.1  | 479.9  | 470.8  | 529.4  | 862.8  | 3187.4 | 13314.1 | 19982.2 |
| 62.5° | 448.8  | 432.3  | 419.5  | 481.7  | 895.7  | 1888.7 | 12400.0 | 19516.8 |
| 65°   | 377.4  | 373.7  | 364.6  | 529.4  | 754.7  | 1115.6 | 10645.0 | 18089.8 |
| 67.5° | 316.9  | 311.4  | 311.4  | 555.0  | 573.4  | 701.6  | 8316.7  | 16126.0 |
| 70°   | 273.0  | 252.8  | 252.8  | 419.5  | 348.1  | 485.4  | 5807.0  | 14006.5 |
| 72.5° | 229.0  | 207.0  | 192.4  | 335.3  | 260.1  | 355.4  | 3628.9  | 11995.2 |
| 75°   | 183.2  | 166.7  | 148.4  | 221.7  | 194.1  | 269.3  | 2108.5  | 9938.0  |
| 77.5° | 131.9  | 124.5  | 104.4  | 163.1  | 141.0  | 194.1  | 1254.8  | 7668.2  |
| 80°   | 67.8   | 69.6   | 65.9   | 93.4   | 95.2   | 131.9  | 714.4   | 5248.3  |
| 82.5° | 40.3   | 31.2   | 34.8   | 45.8   | 54.9   | 75.1   | 269.3   | 3084.8  |
| 85°   | 25.6   | 16.5   | 16.5   | 21.9   | 27.5   | 29.3   | 82.4    | 1251.2  |
| 87.5° | 12.8   | 5.5    | 7.3    | 11.0   | 9.1    | 7.3    | 3.7     | 315.1   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     |

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