

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: P969460

Luminaire Tested: **NVN-SB5D-830-U-SLL-HSS**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P969460  
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-SB5D-830-U-SLL-HSS  
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE  
(5) 80 CRI, 3000K, 900mA 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: 36132.3 lumens  
Efficiency: N/A  
Efficacy: 99.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G5  
  
Input Watts (W): 364.9  
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

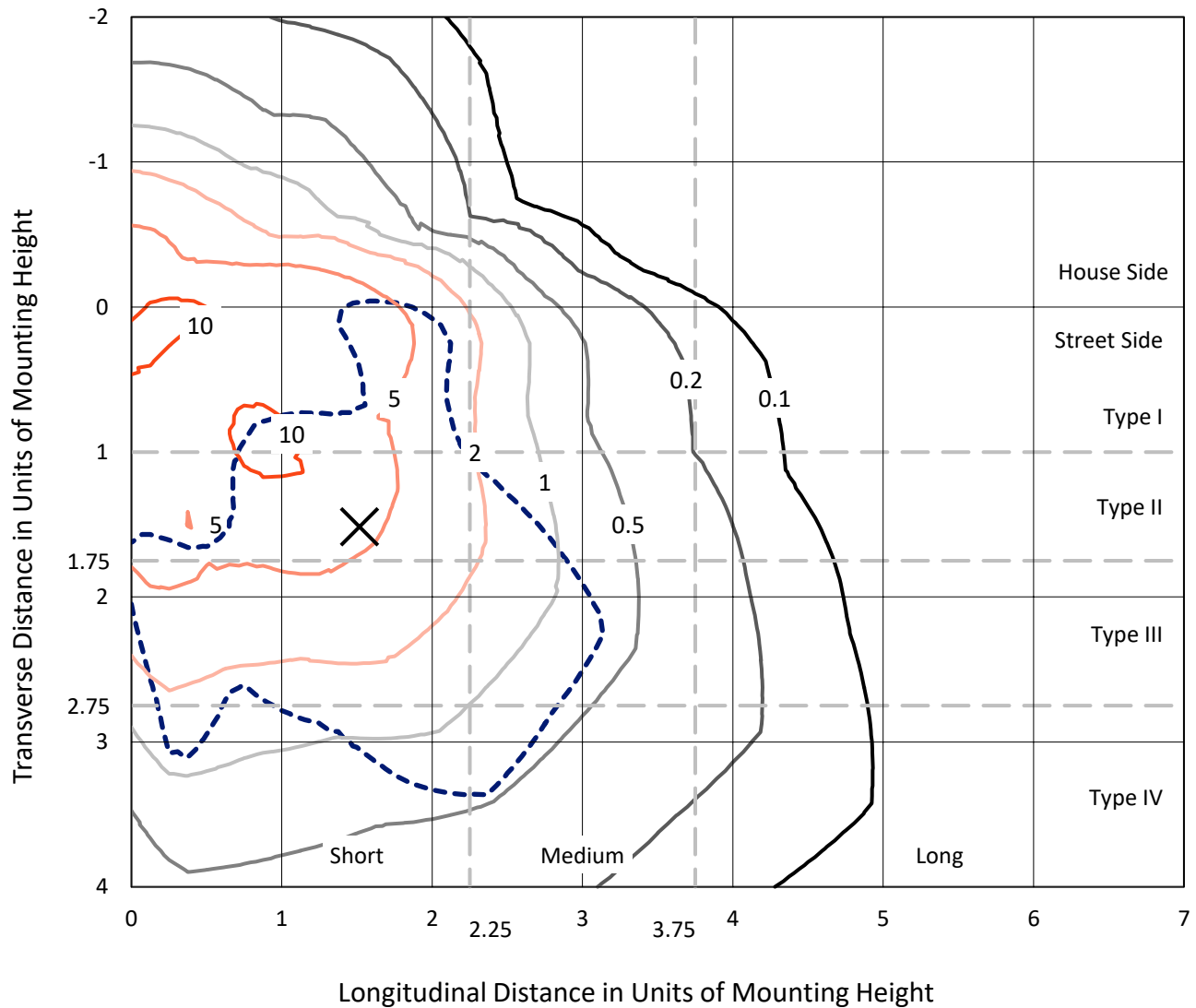


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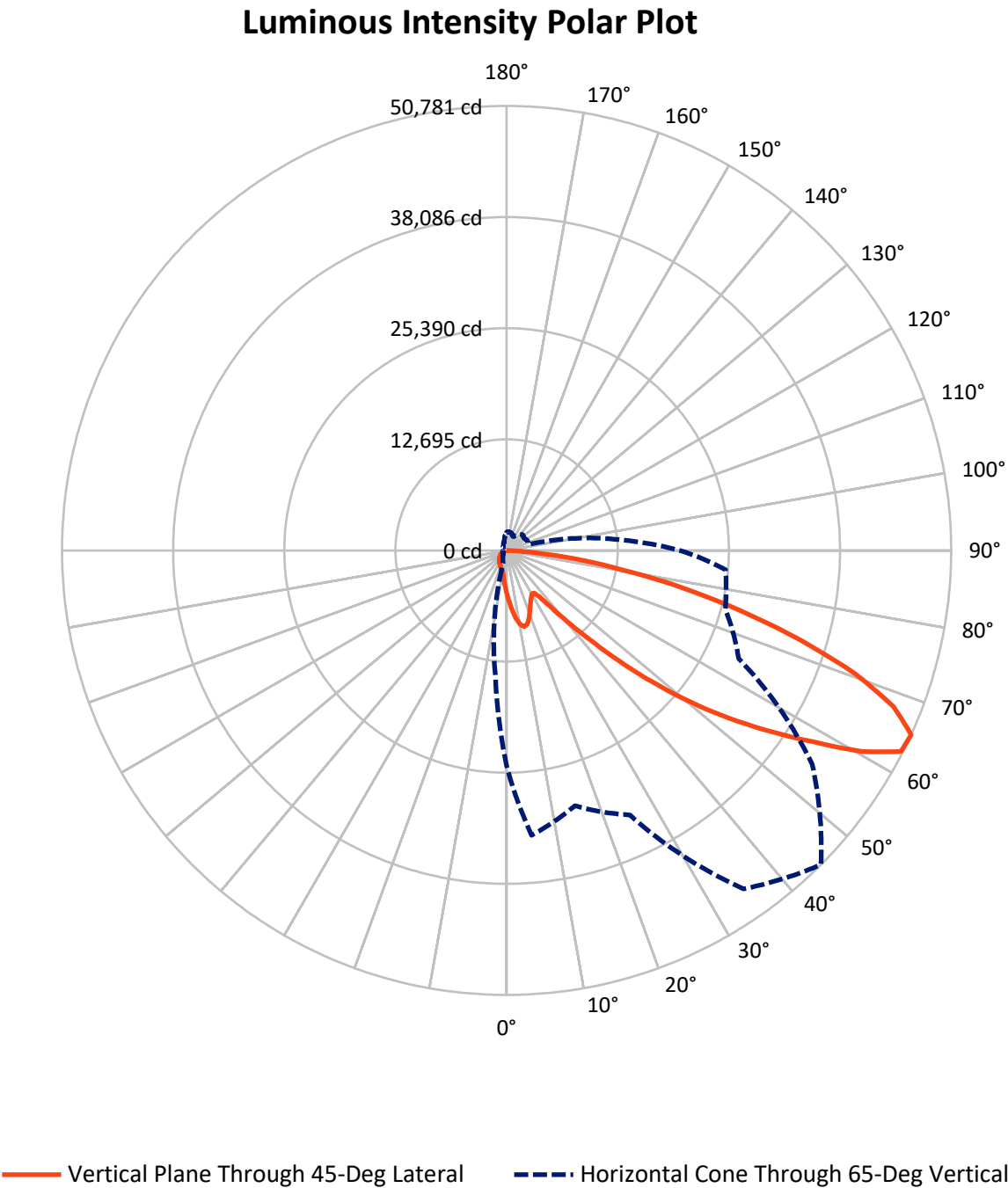
## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 13.1 fc  
Type IV - Short - N/A

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 7182.0   | 0.0    | 7182.0  |
|                    | % Fixture | 19.9     | 0.0    | 19.9    |
| <b>Street Side</b> | Lumens    | 28950.3  | 0.0    | 28950.3 |
|                    | % Fixture | 80.1     | 0.0    | 80.1    |
| <b>Total</b>       | Lumens    | 36132.3  | 0.0    | 36132.3 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 492.6   | 1.4       |
| 10°-20°   | 1476.6  | 4.1       |
| 20°-30°   | 2175.3  | 6.0       |
| 30°-40°   | 2794.7  | 7.7       |
| 40°-50°   | 4519.9  | 12.5      |
| 50°-60°   | 7926.1  | 21.9      |
| 60°-70°   | 9917.7  | 27.4      |
| 70°-80°   | 5795.4  | 16.0      |
| 80°-90°   | 1034.0  | 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°    | 36132.3 | 100.0     |
| 0°-180°   | 36132.3 | 100.0     |

**Coefficient of Utilization**



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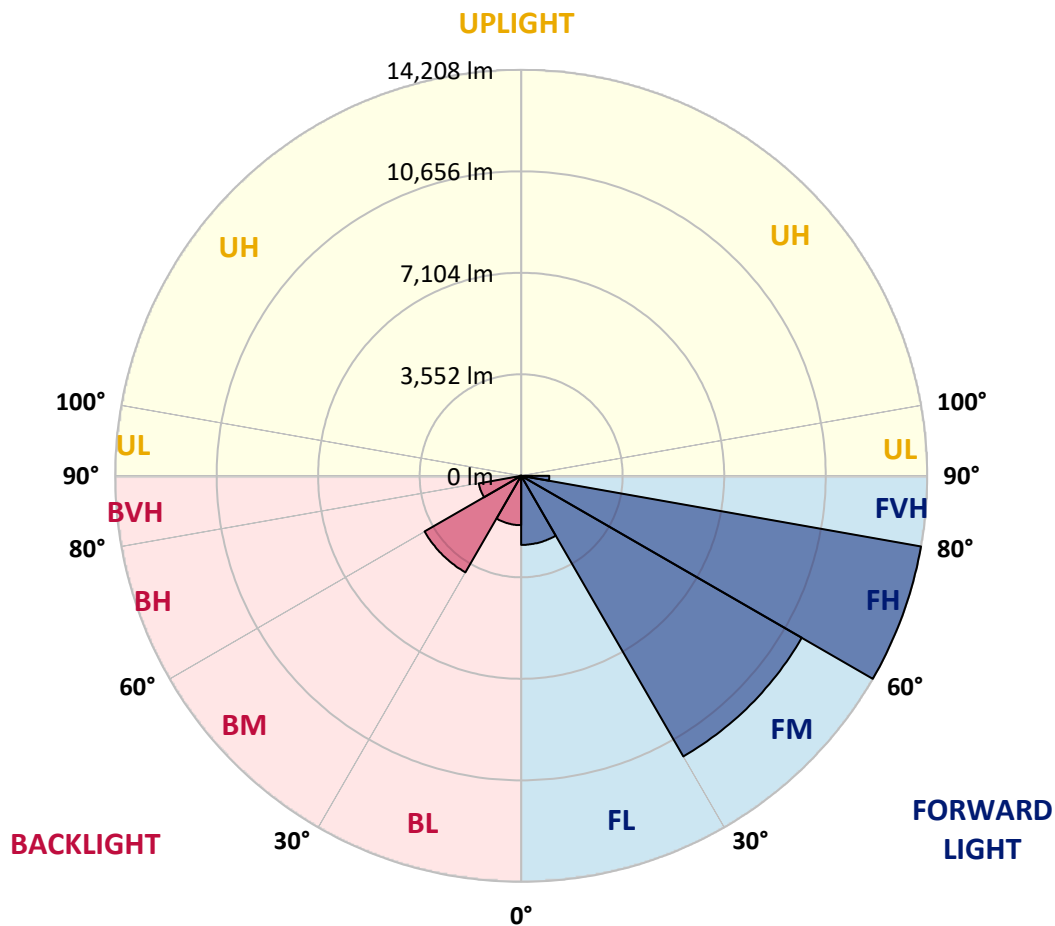
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|---------|-----------|-------------------------|------|---------|
|      |             |         |           | B                       | U    | G       |
| FL   | (0°-30°)    | 2417.7  | 6.7       |                         |      |         |
| FM   | (30°-60°)   | 11338.7 | 31.4      |                         |      |         |
| FH   | (60°-80°)   | 14208.3 | 39.3      |                         |      | G5      |
| FVH  | (80°-90°)   | 985.5   | 2.7       |                         |      | G5      |
| BL   | (0°-30°)    | 1726.8  | 4.8       | B3/2500                 |      |         |
| BM   | (30°-60°)   | 3901.9  | 10.8      | B3/5000                 |      |         |
| BH   | (60°-80°)   | 1504.8  | 4.2       | B3/2500                 |      | G3/2500 |
| BVH  | (80°-90°)   | 48.5    | 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-G5**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 75°     | 85°     | 90°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 5003.1  | 5003.1  | 5003.1  | 5003.1  | 5003.1  | 5003.1  | 5003.1  | 5003.1  | 5003.1  | 5003.1  | 5003.1  |
| 2.5°  | 5605.5  | 5647.9  | 5742.5  | 5792.2  | 5869.4  | 5874.4  | 5874.4  | 5807.1  | 5804.7  | 5667.7  | 5652.9  |
| 5°    | 6265.1  | 6364.7  | 6588.7  | 6820.2  | 6870.1  | 6882.5  | 6857.6  | 6723.2  | 6623.6  | 6357.3  | 6300.0  |
| 7.5°  | 6919.8  | 7111.4  | 7452.5  | 7761.1  | 7860.7  | 7860.7  | 7801.0  | 7581.9  | 7377.8  | 6991.9  | 6847.6  |
| 10°   | 7462.4  | 7703.9  | 8166.9  | 8512.8  | 8627.3  | 8602.4  | 8480.4  | 8204.2  | 7922.9  | 7454.9  | 7265.8  |
| 12.5° | 7820.9  | 8092.2  | 8600.0  | 8878.8  | 8995.7  | 8931.0  | 8791.6  | 8522.8  | 8226.5  | 7733.7  | 7519.7  |
| 15°   | 8000.1  | 8283.8  | 8724.4  | 8871.3  | 8838.9  | 8771.7  | 8754.3  | 8624.9  | 8400.8  | 7940.4  | 7706.4  |
| 17.5° | 8077.2  | 8341.1  | 8647.3  | 8555.2  | 8281.4  | 8229.1  | 8403.4  | 8567.6  | 8512.8  | 8119.5  | 7900.5  |
| 20°   | 8149.5  | 8371.0  | 8463.0  | 8054.9  | 7576.9  | 7529.6  | 7863.2  | 8331.1  | 8570.1  | 8286.3  | 8084.7  |
| 22.5° | 8249.0  | 8385.9  | 8196.7  | 7527.2  | 7011.9  | 6902.4  | 7270.7  | 7975.2  | 8587.6  | 8497.9  | 8296.2  |
| 25°   | 8385.9  | 8423.2  | 7903.1  | 7026.8  | 6509.1  | 6399.6  | 6743.1  | 7579.5  | 8557.6  | 8727.0  | 8555.2  |
| 27.5° | 8550.1  | 8473.1  | 7621.7  | 6608.7  | 6108.4  | 6006.3  | 6349.8  | 7198.6  | 8473.1  | 8955.9  | 8834.0  |
| 30°   | 8764.3  | 8537.7  | 7343.0  | 6285.1  | 5822.1  | 5747.4  | 6078.5  | 6870.1  | 8368.5  | 9247.1  | 9179.9  |
| 32.5° | 8980.8  | 8565.1  | 7084.1  | 6095.9  | 5757.3  | 5784.8  | 6056.1  | 6693.2  | 8254.0  | 9525.9  | 9558.3  |
| 35°   | 9214.8  | 8652.2  | 6957.1  | 6282.5  | 6297.5  | 6536.4  | 6648.5  | 6857.6  | 8236.6  | 9904.3  | 10031.3 |
| 37.5° | 9533.4  | 8846.4  | 7109.0  | 7211.0  | 7728.8  | 8224.1  | 8132.0  | 7661.6  | 8438.2  | 10469.3 | 10705.8 |
| 40°   | 9991.4  | 9187.4  | 7771.0  | 8791.6  | 9854.5  | 10658.5 | 10307.5 | 9122.7  | 9055.5  | 11283.3 | 11636.7 |
| 42.5° | 10658.5 | 9730.0  | 8946.0  | 10723.2 | 12525.3 | 13849.6 | 12908.6 | 11007.0 | 10135.7 | 12445.7 | 12896.2 |
| 45°   | 11644.2 | 10608.7 | 10367.3 | 12761.8 | 15818.4 | 17904.4 | 15947.9 | 13015.7 | 11649.1 | 14205.5 | 14559.0 |
| 47.5° | 13010.7 | 11900.6 | 11698.9 | 14910.0 | 19821.0 | 22519.2 | 19318.2 | 14877.6 | 13371.6 | 16605.0 | 16687.2 |
| 50°   | 14825.3 | 13640.5 | 12960.9 | 17259.7 | 24209.4 | 27223.7 | 22686.0 | 16674.7 | 15345.5 | 19537.2 | 19442.6 |
| 52.5° | 17219.8 | 16067.4 | 14432.0 | 19497.4 | 28722.1 | 31828.6 | 26068.7 | 18252.8 | 17794.8 | 22939.9 | 22745.8 |
| 55°   | 20485.5 | 19718.9 | 16443.3 | 21633.0 | 33232.4 | 36460.9 | 29319.5 | 19741.3 | 21030.7 | 26982.2 | 25807.3 |
| 57.5° | 24537.9 | 25085.5 | 19343.1 | 24109.7 | 37287.2 | 41235.0 | 32585.3 | 21822.2 | 25232.4 | 31502.6 | 27584.6 |
| 60°   | 27151.5 | 32221.9 | 24896.3 | 27771.2 | 41894.6 | 46634.0 | 37060.7 | 25780.0 | 29648.1 | 33123.0 | 27246.0 |
| 62.5° | 26519.2 | 34492.0 | 31547.3 | 32445.9 | 46131.1 | 50559.4 | 41446.6 | 29755.1 | 30479.5 | 30735.9 | 24637.5 |
| 65°   | 24580.2 | 32660.0 | 30190.8 | 33354.4 | 47204.0 | 50780.9 | 42619.0 | 29242.3 | 25854.7 | 25093.0 | 19803.6 |
| 67.5° | 21911.8 | 30487.0 | 26967.3 | 30945.0 | 45264.9 | 47684.4 | 40436.0 | 25867.1 | 19980.3 | 18830.3 | 14367.3 |
| 70°   | 19031.9 | 28082.4 | 24851.5 | 28241.7 | 41568.6 | 42287.9 | 36724.7 | 22750.7 | 14695.8 | 12717.0 | 9219.8  |
| 72.5° | 16298.8 | 25578.4 | 23402.9 | 25471.4 | 36637.6 | 35149.1 | 31893.3 | 19995.2 | 10700.8 | 9172.4  | 6553.8  |
| 75°   | 13503.6 | 21884.5 | 21339.4 | 22180.7 | 30153.3 | 27686.7 | 26499.3 | 16555.3 | 8398.3  | 6636.1  | 4522.7  |
| 77.5° | 10419.5 | 17100.4 | 18354.9 | 17762.4 | 21224.9 | 20565.3 | 20540.4 | 12440.7 | 6135.8  | 4428.2  | 2835.1  |
| 80°   | 7131.3  | 11918.0 | 14340.0 | 12530.3 | 13774.9 | 13438.9 | 15470.0 | 8346.1  | 4450.5  | 2665.8  | 1578.1  |
| 82.5° | 4191.7  | 7255.9  | 9981.4  | 6066.1  | 7616.8  | 7818.4  | 9212.3  | 4059.8  | 2618.6  | 614.8   | 343.5   |
| 85°   | 1700.1  | 2865.0  | 3903.0  | 2374.6  | 3674.0  | 3099.0  | 3497.2  | 1140.0  | 729.3   | 15.0    | 0.0     |
| 87.5° | 428.1   | 916.0   | 642.2   | 266.3   | 425.7   | 390.8   | 308.6   | 139.4   | 29.8    | 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°    | 5003.1  | 5003.1  | 5003.1 | 5003.1 | 5003.1 | 5003.1 | 5003.1 | 5003.1 | 5003.1 | 5003.1 | 5003.1 |
| 2.5°  | 5555.7  | 5498.5  | 5356.6 | 5214.8 | 5100.2 | 4945.9 | 4843.8 | 4721.9 | 4604.9 | 4500.4 | 4480.5 |
| 5°    | 6143.2  | 5954.0  | 5695.1 | 5458.6 | 5217.2 | 4983.2 | 4751.8 | 4507.8 | 4283.8 | 4146.9 | 4059.8 |
| 7.5°  | 6621.1  | 6287.6  | 5944.1 | 5642.8 | 5351.6 | 5077.8 | 4771.7 | 4475.5 | 4124.5 | 3937.8 | 3768.5 |
| 10°   | 6977.1  | 6539.0  | 6088.4 | 5742.5 | 5448.7 | 5182.4 | 4923.5 | 4624.8 | 4201.7 | 3967.7 | 3713.8 |
| 12.5° | 7211.0  | 6690.8  | 6163.1 | 5767.4 | 5438.8 | 5232.2 | 5117.6 | 5000.7 | 4580.0 | 4306.2 | 3937.8 |
| 15°   | 7372.8  | 6797.8  | 6215.4 | 5710.1 | 5306.8 | 5155.0 | 5269.5 | 5403.9 | 5135.0 | 4818.9 | 4338.5 |
| 17.5° | 7549.5  | 6937.2  | 6237.7 | 5555.7 | 5050.5 | 4985.7 | 5281.9 | 5593.1 | 5580.6 | 5267.0 | 4796.6 |
| 20°   | 7736.2  | 7059.2  | 6222.9 | 5306.8 | 4739.3 | 4796.6 | 5174.9 | 5535.8 | 5687.7 | 5518.4 | 5100.2 |
| 22.5° | 7927.9  | 7176.2  | 6165.6 | 4983.2 | 4448.1 | 4627.3 | 5005.7 | 5321.8 | 5501.0 | 5448.7 | 5130.1 |
| 25°   | 8169.4  | 7340.4  | 6080.9 | 4634.7 | 4206.6 | 4455.6 | 4809.0 | 5065.3 | 5189.9 | 5187.3 | 4968.3 |
| 27.5° | 8458.1  | 7559.5  | 6036.1 | 4353.5 | 4034.9 | 4261.4 | 4575.0 | 4804.1 | 4891.2 | 4891.2 | 4716.9 |
| 30°   | 8794.1  | 7818.4  | 5986.4 | 4169.3 | 3935.3 | 4059.8 | 4303.7 | 4527.7 | 4614.9 | 4614.9 | 4468.0 |
| 32.5° | 9167.5  | 8067.3  | 5866.9 | 4057.3 | 3860.7 | 3863.1 | 4017.5 | 4221.6 | 4326.1 | 4341.1 | 4236.5 |
| 35°   | 9615.5  | 8333.7  | 5605.5 | 3967.7 | 3773.5 | 3671.4 | 3746.2 | 3915.4 | 4039.8 | 4072.2 | 4007.5 |
| 37.5° | 10203.0 | 8659.7  | 5232.2 | 3835.8 | 3639.2 | 3469.8 | 3487.3 | 3616.7 | 3753.7 | 3803.4 | 3761.1 |
| 40°   | 10992.0 | 9043.1  | 4843.8 | 3646.5 | 3449.9 | 3248.3 | 3240.8 | 3335.5 | 3469.8 | 3524.7 | 3502.2 |
| 42.5° | 12034.9 | 9503.5  | 4473.0 | 3464.9 | 3221.0 | 3014.3 | 3001.9 | 3076.5 | 3193.6 | 3250.8 | 3240.8 |
| 45°   | 13369.2 | 10068.6 | 4154.3 | 3322.9 | 2996.9 | 2792.8 | 2787.8 | 2850.0 | 2952.1 | 3011.9 | 2999.5 |
| 47.5° | 15223.6 | 10633.6 | 3937.8 | 3248.3 | 2820.2 | 2611.1 | 2621.0 | 2675.9 | 2767.9 | 2810.2 | 2792.8 |
| 50°   | 17640.6 | 10805.3 | 3828.3 | 3248.3 | 2725.6 | 2449.3 | 2499.1 | 2543.9 | 2613.5 | 2638.5 | 2616.1 |
| 52.5° | 19960.3 | 10237.8 | 3728.7 | 3268.2 | 2738.1 | 2312.4 | 2419.4 | 2451.8 | 2511.6 | 2521.5 | 2489.1 |
| 55°   | 21097.9 | 8801.6  | 3591.8 | 3273.2 | 2815.2 | 2195.4 | 2354.7 | 2414.5 | 2436.8 | 2434.4 | 2379.6 |
| 57.5° | 20707.2 | 7116.5  | 3360.4 | 3253.4 | 2867.4 | 2120.7 | 2275.1 | 2389.6 | 2404.5 | 2382.1 | 2280.0 |
| 60°   | 19335.6 | 5239.6  | 3183.6 | 3106.5 | 2847.6 | 2098.4 | 2153.1 | 2334.8 | 2357.2 | 2327.4 | 2160.6 |
| 62.5° | 17035.6 | 3636.6  | 3046.7 | 2782.9 | 2760.4 | 2090.9 | 1961.4 | 2215.3 | 2270.1 | 2227.7 | 1983.9 |
| 65°   | 13411.5 | 2568.8  | 2623.6 | 2439.4 | 2571.3 | 2051.0 | 1762.3 | 2071.0 | 2145.6 | 2081.0 | 1737.4 |
| 67.5° | 9075.3  | 1854.4  | 2125.7 | 2210.3 | 2265.1 | 1961.4 | 1618.0 | 1906.7 | 2006.2 | 1921.6 | 1451.2 |
| 70°   | 4901.1  | 1301.9  | 1403.8 | 1861.9 | 1924.1 | 1807.1 | 1488.5 | 1739.9 | 1854.4 | 1762.3 | 1182.3 |
| 72.5° | 2894.9  | 935.9   | 983.2  | 1496.0 | 1603.0 | 1590.6 | 1344.1 | 1545.8 | 1685.1 | 1575.6 | 960.8  |
| 75°   | 1595.5  | 632.2   | 701.9  | 1085.3 | 1301.9 | 1227.1 | 1155.0 | 1309.3 | 1451.2 | 1344.1 | 741.8  |
| 77.5° | 714.4   | 378.3   | 487.9  | 711.9  | 1023.1 | 841.3  | 893.6  | 1020.6 | 1152.5 | 1040.5 | 495.4  |
| 80°   | 276.3   | 211.6   | 323.6  | 388.3  | 744.3  | 465.5  | 575.0  | 751.7  | 846.3  | 756.7  | 301.1  |
| 82.5° | 34.8    | 94.6    | 139.4  | 151.8  | 433.1  | 246.4  | 333.5  | 472.9  | 465.5  | 403.2  | 151.8  |
| 85°   | 0.0     | 17.4    | 19.9   | 9.9    | 186.7  | 89.6   | 109.6  | 154.4  | 144.3  | 109.6  | 12.4   |
| 87.5° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 5.0    | 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°    | 5003.1 | 5003.1 | 5003.1 | 5003.1 | 5003.1 | 5003.1 | 5003.1 | 5003.1 | 5003.1 | 5003.1 | 5003.1 |
| 2.5°  | 4358.5 | 4268.8 | 4224.0 | 4186.7 | 4221.6 | 4241.4 | 4241.4 | 4326.1 | 4375.9 | 4395.8 | 4535.2 |
| 5°    | 3840.8 | 3674.0 | 3562.0 | 3494.7 | 3517.2 | 3542.0 | 3569.5 | 3676.5 | 3748.6 | 3795.9 | 4012.5 |
| 7.5°  | 3432.5 | 3178.6 | 3021.8 | 2939.7 | 2952.1 | 2969.5 | 2992.0 | 3096.5 | 3168.7 | 3230.9 | 3472.4 |
| 10°   | 3230.9 | 2872.5 | 2665.8 | 2566.3 | 2548.9 | 2538.9 | 2531.4 | 2593.7 | 2648.4 | 2698.2 | 2937.1 |
| 12.5° | 3240.8 | 2740.5 | 2489.1 | 2367.1 | 2314.9 | 2255.2 | 2207.8 | 2217.8 | 2252.6 | 2314.9 | 2466.8 |
| 15°   | 3367.8 | 2698.2 | 2397.1 | 2245.2 | 2158.0 | 2088.3 | 2031.1 | 2018.7 | 2031.1 | 2041.1 | 2135.7 |
| 17.5° | 3539.5 | 2693.3 | 2317.4 | 2128.2 | 2038.6 | 1981.3 | 1929.0 | 1911.6 | 1914.2 | 1926.6 | 1951.5 |
| 20°   | 3676.5 | 2678.3 | 2227.7 | 2016.2 | 1936.5 | 1886.7 | 1834.4 | 1817.1 | 1822.0 | 1824.5 | 1851.9 |
| 22.5° | 3748.6 | 2655.9 | 2128.2 | 1904.1 | 1837.0 | 1787.2 | 1739.9 | 1737.4 | 1737.4 | 1752.3 | 1772.2 |
| 25°   | 3748.6 | 2608.6 | 2038.6 | 1797.1 | 1737.4 | 1692.6 | 1635.4 | 1645.3 | 1650.2 | 1670.2 | 1700.1 |
| 27.5° | 3659.0 | 2519.0 | 1966.5 | 1705.1 | 1642.9 | 1598.0 | 1545.8 | 1558.2 | 1565.7 | 1588.0 | 1625.4 |
| 30°   | 3544.6 | 2411.9 | 1884.3 | 1618.0 | 1545.8 | 1513.4 | 1468.6 | 1473.5 | 1483.5 | 1508.4 | 1550.7 |
| 32.5° | 3422.6 | 2285.0 | 1817.1 | 1530.8 | 1458.7 | 1433.8 | 1384.0 | 1391.4 | 1401.4 | 1428.7 | 1476.1 |
| 35°   | 3288.2 | 2135.7 | 1737.4 | 1451.2 | 1378.9 | 1359.0 | 1301.9 | 1306.8 | 1321.7 | 1351.6 | 1398.9 |
| 37.5° | 3146.2 | 2013.7 | 1657.7 | 1374.0 | 1299.3 | 1279.4 | 1219.6 | 1224.7 | 1242.1 | 1276.9 | 1321.7 |
| 40°   | 3006.8 | 1894.2 | 1573.2 | 1291.9 | 1217.2 | 1199.8 | 1135.1 | 1140.0 | 1159.9 | 1197.3 | 1244.6 |
| 42.5° | 2855.0 | 1802.2 | 1463.6 | 1207.2 | 1127.6 | 1110.2 | 1050.4 | 1057.9 | 1080.2 | 1117.7 | 1164.9 |
| 45°   | 2673.3 | 1742.4 | 1341.6 | 1127.6 | 1038.0 | 1020.6 | 965.8  | 980.7  | 1005.6 | 1042.9 | 1092.8 |
| 47.5° | 2486.6 | 1717.5 | 1239.6 | 1042.9 | 945.9  | 930.9  | 886.1  | 911.0  | 938.4  | 968.3  | 1023.1 |
| 50°   | 2307.5 | 1685.1 | 1135.1 | 963.3  | 866.2  | 851.3  | 821.4  | 853.7  | 881.2  | 908.6  | 960.8  |
| 52.5° | 2103.3 | 1615.4 | 1040.5 | 893.6  | 799.0  | 794.1  | 779.1  | 808.9  | 833.8  | 858.7  | 903.5  |
| 55°   | 1891.7 | 1503.5 | 958.3  | 831.4  | 741.8  | 746.7  | 739.2  | 764.1  | 784.1  | 806.5  | 846.3  |
| 57.5° | 1707.5 | 1361.5 | 893.6  | 764.1  | 692.0  | 706.9  | 697.0  | 709.4  | 721.8  | 749.3  | 781.6  |
| 60°   | 1520.9 | 1192.3 | 821.4  | 684.5  | 642.2  | 659.6  | 632.2  | 629.8  | 634.7  | 642.2  | 701.9  |
| 62.5° | 1269.5 | 1015.6 | 731.8  | 614.8  | 587.4  | 594.9  | 542.6  | 502.8  | 502.8  | 510.2  | 599.9  |
| 65°   | 1020.6 | 851.3  | 632.2  | 535.2  | 512.8  | 507.8  | 433.1  | 378.3  | 373.4  | 395.8  | 472.9  |
| 67.5° | 838.9  | 706.9  | 532.7  | 445.6  | 430.6  | 435.6  | 380.8  | 326.1  | 321.1  | 346.0  | 403.2  |
| 70°   | 694.4  | 570.0  | 425.7  | 343.5  | 358.4  | 380.8  | 326.1  | 273.8  | 266.3  | 288.7  | 343.5  |
| 72.5° | 552.6  | 445.6  | 326.1  | 253.9  | 296.2  | 323.6  | 266.3  | 216.6  | 211.6  | 231.4  | 283.7  |
| 75°   | 405.7  | 318.6  | 221.5  | 184.2  | 229.0  | 253.9  | 194.1  | 154.4  | 146.9  | 164.3  | 216.6  |
| 77.5° | 251.4  | 179.2  | 139.4  | 109.6  | 156.8  | 169.2  | 102.1  | 89.6   | 87.1   | 99.5   | 136.9  |
| 80°   | 117.0  | 77.2   | 67.2   | 37.3   | 57.3   | 67.2   | 42.3   | 47.3   | 49.8   | 59.8   | 84.7   |
| 82.5° | 32.4   | 12.4   | 2.5    | 0.0    | 0.0    | 19.9   | 9.9    | 19.9   | 24.9   | 37.3   | 54.7   |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 5.0    | 12.4   | 22.4   | 39.9   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 9.9    | 19.9   |
| 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: P969460

CATALOG NUMBER: NVN-SB5D-830-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°    | 360°    |
|-------|--------|--------|--------|--------|--------|--------|---------|---------|
| 0°    | 5003.1 | 5003.1 | 5003.1 | 5003.1 | 5003.1 | 5003.1 | 5003.1  | 5003.1  |
| 2.5°  | 4639.8 | 4739.3 | 4898.6 | 5062.9 | 5224.7 | 5388.9 | 5548.3  | 5605.5  |
| 5°    | 4209.2 | 4438.1 | 4754.3 | 5092.8 | 5441.2 | 5794.7 | 6118.3  | 6265.1  |
| 7.5°  | 3728.7 | 4057.3 | 4532.8 | 5062.9 | 5618.0 | 6173.1 | 6683.3  | 6919.8  |
| 10°   | 3215.9 | 3631.7 | 4174.3 | 4891.2 | 5687.7 | 6454.3 | 7156.2  | 7462.4  |
| 12.5° | 2728.1 | 3163.7 | 3763.6 | 4622.3 | 5632.9 | 6616.2 | 7459.9  | 7820.9  |
| 15°   | 2319.9 | 2705.7 | 3352.9 | 4303.7 | 5456.2 | 6626.1 | 7604.3  | 8000.1  |
| 17.5° | 2013.7 | 2265.1 | 2934.7 | 3950.2 | 5224.7 | 6534.0 | 7654.1  | 8077.2  |
| 20°   | 1861.9 | 1931.6 | 2392.0 | 3497.2 | 5008.2 | 6446.8 | 7703.9  | 8149.5  |
| 22.5° | 1772.2 | 1789.6 | 1956.4 | 2912.3 | 4749.2 | 6419.5 | 7791.0  | 8249.0  |
| 25°   | 1700.1 | 1705.1 | 1749.9 | 2307.5 | 4353.5 | 6402.0 | 7925.4  | 8385.9  |
| 27.5° | 1627.9 | 1627.9 | 1652.8 | 1859.4 | 3815.9 | 6327.4 | 8099.7  | 8550.1  |
| 30°   | 1555.7 | 1555.7 | 1573.2 | 1645.3 | 3186.1 | 6180.5 | 8308.8  | 8764.3  |
| 32.5° | 1481.0 | 1481.0 | 1496.0 | 1548.3 | 2543.9 | 5996.4 | 8500.4  | 8980.8  |
| 35°   | 1406.4 | 1401.4 | 1421.3 | 1476.1 | 2023.7 | 5762.3 | 8692.1  | 9214.8  |
| 37.5° | 1326.8 | 1324.2 | 1344.1 | 1406.4 | 1747.4 | 5491.0 | 8836.4  | 9533.4  |
| 40°   | 1242.1 | 1242.1 | 1264.4 | 1331.7 | 1667.7 | 5150.0 | 9065.4  | 9991.4  |
| 42.5° | 1164.9 | 1159.9 | 1184.8 | 1267.0 | 1608.0 | 4824.0 | 9476.1  | 10658.5 |
| 45°   | 1090.3 | 1080.2 | 1102.7 | 1204.8 | 1503.5 | 4709.5 | 10242.8 | 11644.2 |
| 47.5° | 1020.6 | 995.7  | 1015.6 | 1130.1 | 1408.9 | 5137.6 | 11497.3 | 13010.7 |
| 50°   | 963.3  | 916.0  | 933.5  | 1055.4 | 1336.7 | 6066.1 | 13125.2 | 14825.3 |
| 52.5° | 903.5  | 841.3  | 851.3  | 963.3  | 1271.9 | 6949.7 | 14890.0 | 17219.8 |
| 55°   | 841.3  | 771.6  | 776.6  | 871.1  | 1179.9 | 7081.6 | 16612.5 | 20485.5 |
| 57.5° | 771.6  | 706.9  | 706.9  | 786.6  | 1112.6 | 6138.2 | 17936.7 | 24537.9 |
| 60°   | 694.4  | 652.1  | 639.7  | 719.3  | 1172.4 | 4331.1 | 18091.0 | 27151.5 |
| 62.5° | 609.9  | 587.4  | 570.0  | 654.7  | 1217.2 | 2566.3 | 16848.9 | 26519.2 |
| 65°   | 512.8  | 507.8  | 495.4  | 719.3  | 1025.5 | 1515.9 | 14464.4 | 24580.2 |
| 67.5° | 430.6  | 423.1  | 423.1  | 754.2  | 779.1  | 953.4  | 11300.7 | 21911.8 |
| 70°   | 370.8  | 343.5  | 343.5  | 570.0  | 472.9  | 659.6  | 7890.6  | 19031.9 |
| 72.5° | 311.2  | 281.3  | 261.4  | 455.5  | 353.4  | 482.9  | 4931.0  | 16298.8 |
| 75°   | 248.9  | 226.5  | 201.6  | 301.1  | 263.8  | 365.9  | 2865.0  | 13503.6 |
| 77.5° | 179.2  | 169.2  | 141.9  | 221.5  | 191.7  | 263.8  | 1705.1  | 10419.5 |
| 80°   | 92.1   | 94.6   | 89.6   | 126.9  | 129.5  | 179.2  | 970.8   | 7131.3  |
| 82.5° | 54.7   | 42.3   | 47.3   | 62.2   | 74.7   | 102.1  | 365.9   | 4191.7  |
| 85°   | 34.8   | 22.4   | 22.4   | 29.8   | 37.3   | 39.9   | 112.0   | 1700.1  |
| 87.5° | 17.4   | 7.5    | 9.9    | 15.0   | 12.4   | 9.9    | 5.0     | 428.1   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     |

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