

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: P970888

Luminaire Tested: **NVN-SB6C-735-U-SLR-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P970888
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-SB6C-735-U-SLR-HSS
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 35526.5 lumens
Efficiency: N/A
Efficacy: 118.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

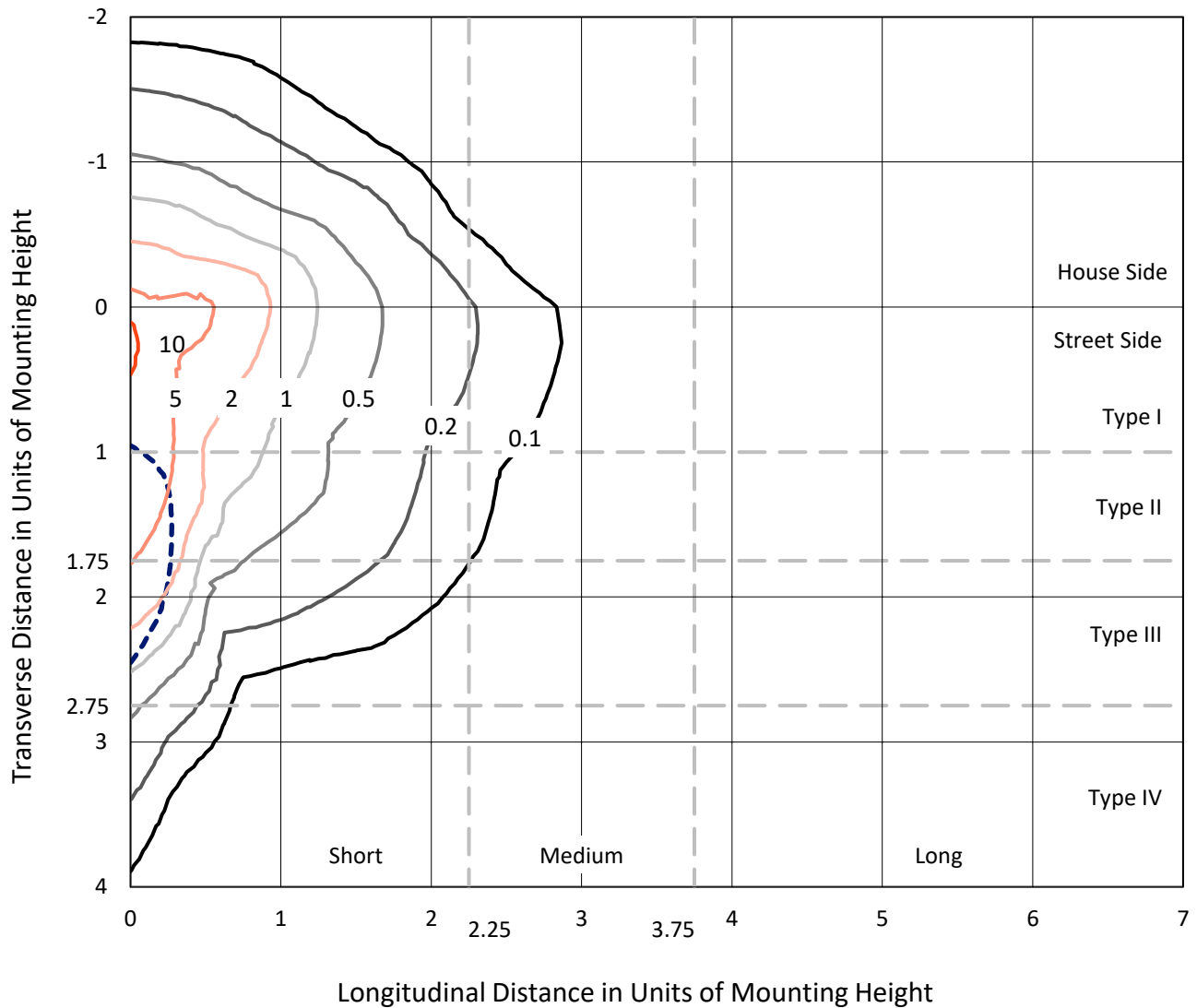
Input Watts (W): 300.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P970888
 CATALOG NUMBER: NVN-SB6C-735-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

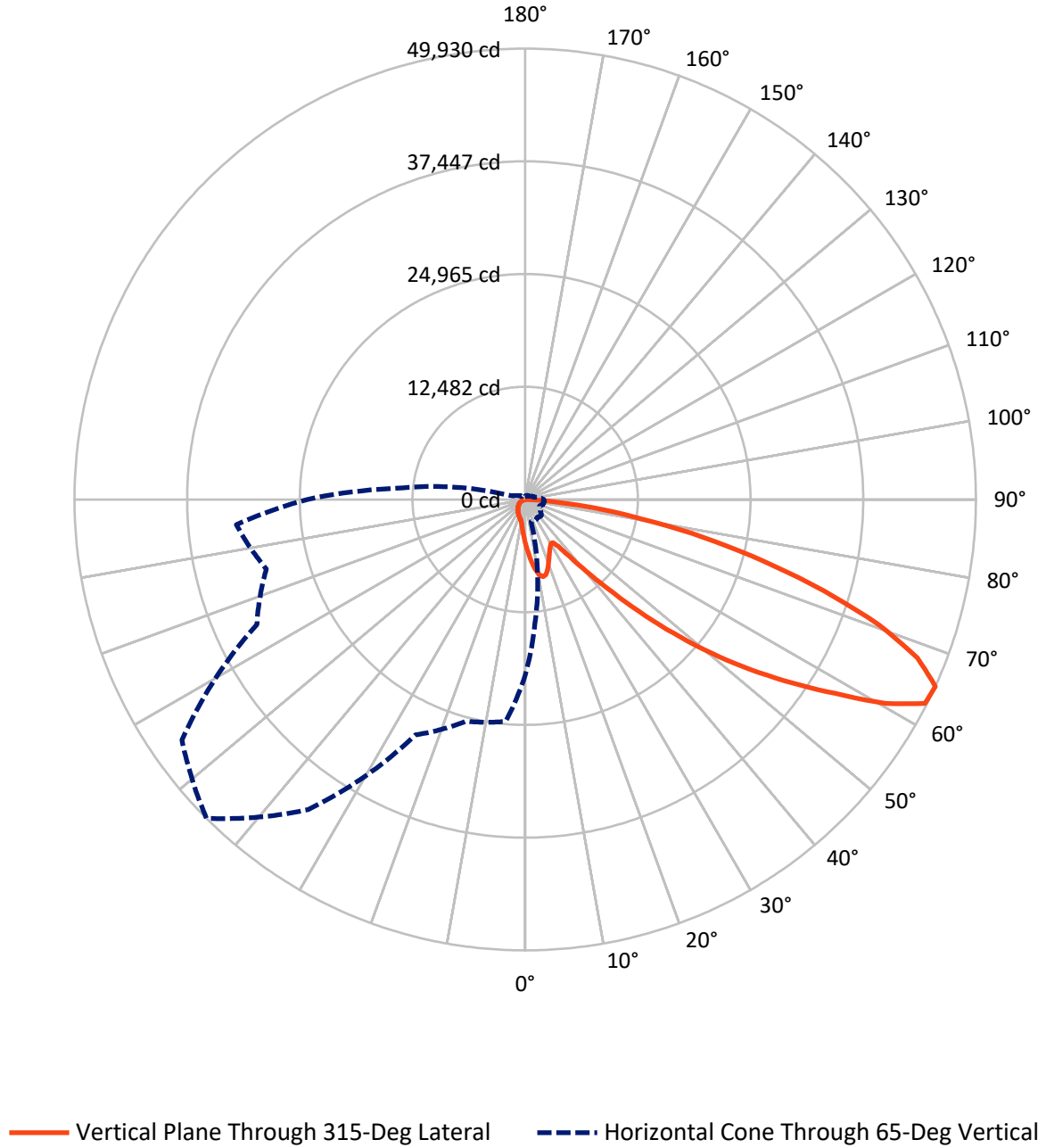
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11 fc
 Type IV - Short - N/A

REPORT NUMBER: P970888
CATALOG NUMBER: NVN-SB6C-735-U-SLR-HSS

Luminous Intensity Polar Plot



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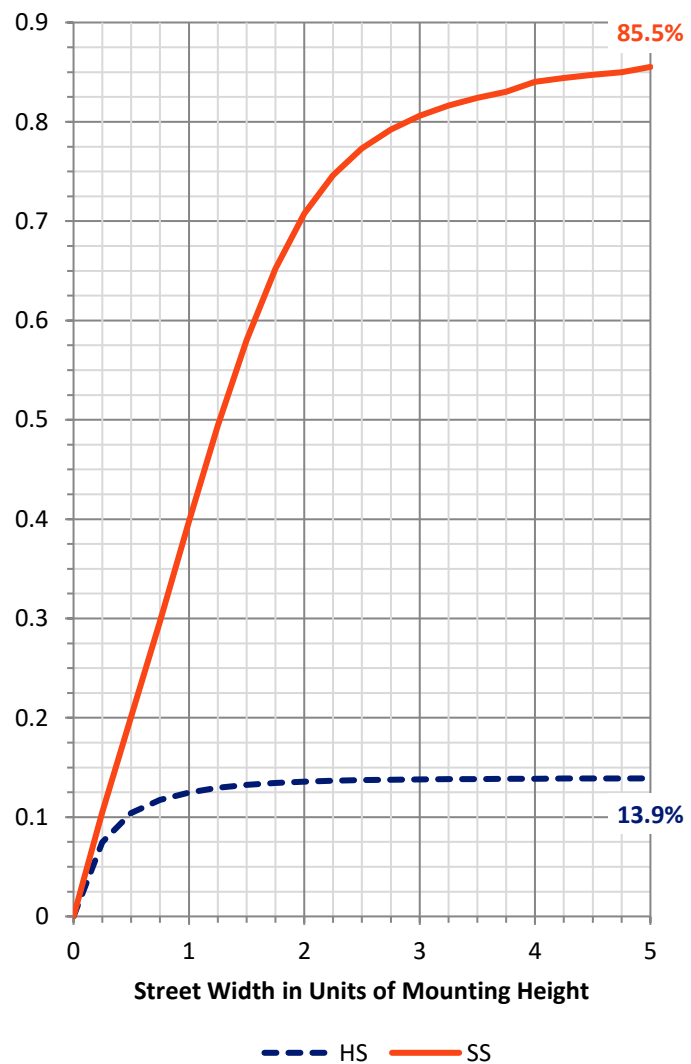
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 4975.2 | 0.0 | 4975.2 |
| | % Fixture | 14.0 | 0.0 | 14.0 |
| Street Side | Lumens | 30551.3 | 0.0 | 30551.3 |
| | % Fixture | 86.0 | 0.0 | 86.0 |
| Total | Lumens | 35526.5 | 0.0 | 35526.5 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 484.3 | 1.4 |
| 10°-20° | 1451.8 | 4.1 |
| 20°-30° | 2138.9 | 6.0 |
| 30°-40° | 2747.9 | 7.7 |
| 40°-50° | 4444.1 | 12.5 |
| 50°-60° | 7793.2 | 21.9 |
| 60°-70° | 9751.4 | 27.4 |
| 70°-80° | 5698.3 | 16.0 |
| 80°-90° | 1016.7 | 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° | 35526.5 | 100.0 |
| 0°-180° | 35526.5 | 100.0 |

Coefficient of Utilization



REPORT NUMBER: P970888

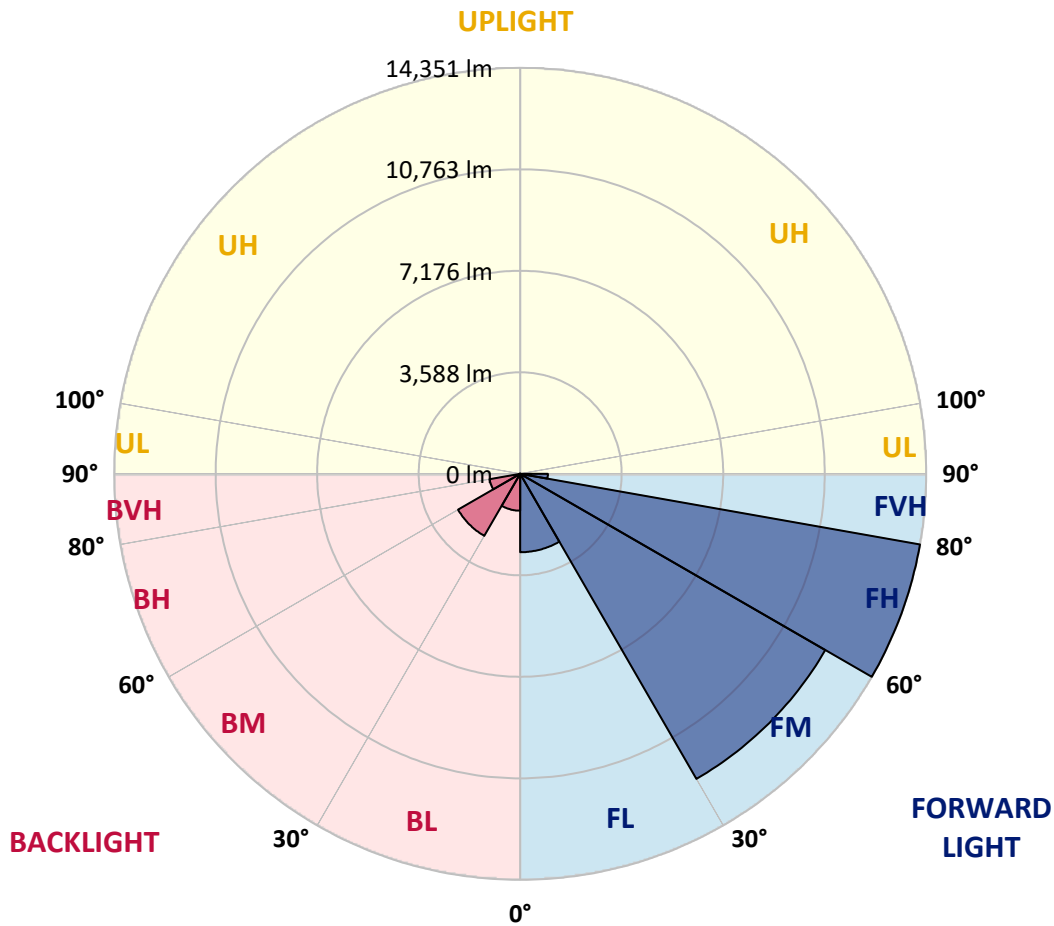
CATALOG NUMBER: NVN-SB6C-735-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 2770.9 | 7.8 | | | |
| FM (30°-60°) | 12451.6 | 35.0 | | | |
| FH (60°-80°) | 14351.1 | 40.4 | | | G5 |
| FVH (80°-90°) | 977.6 | 2.8 | | | G5 |
| BL (0°-30°) | 1304.1 | 3.7 | B3/2500 | | |
| BM (30°-60°) | 2533.5 | 7.1 | B3/5000 | | |
| BH (60°-80°) | 1098.6 | 3.1 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 39.1 | 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



REPORT NUMBER: P970888
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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4919.3 | 4919.3 | 4919.3 | 4919.3 | 4919.3 | 4919.3 | 4919.3 | 4919.3 | 4919.3 | 4919.3 | 4919.3 |
| 2.5° | 5558.1 | 5462.6 | 5406.4 | 5266.9 | 5127.4 | 5014.7 | 4863.0 | 4762.7 | 4642.7 | 4527.7 | 4424.9 |
| 5° | 6194.4 | 6040.2 | 5854.2 | 5599.7 | 5367.2 | 5129.7 | 4899.7 | 4672.1 | 4432.2 | 4212.0 | 4077.3 |
| 7.5° | 6732.8 | 6510.1 | 6182.2 | 5844.4 | 5548.2 | 5261.9 | 4992.7 | 4691.6 | 4400.4 | 4055.3 | 3871.8 |
| 10° | 7143.9 | 6860.1 | 6429.3 | 5986.3 | 5646.2 | 5357.4 | 5095.5 | 4841.0 | 4547.3 | 4131.3 | 3901.2 |
| 12.5° | 7393.6 | 7090.1 | 6578.7 | 6059.8 | 5670.6 | 5347.6 | 5144.5 | 5031.8 | 4916.8 | 4503.2 | 4234.0 |
| 15° | 7577.2 | 7249.2 | 6683.8 | 6111.2 | 5614.3 | 5217.9 | 5068.6 | 5181.2 | 5313.3 | 5048.9 | 4738.2 |
| 17.5° | 7768.1 | 7422.9 | 6821.0 | 6133.2 | 5462.6 | 4965.8 | 4902.2 | 5193.4 | 5499.3 | 5487.1 | 5178.7 |
| 20° | 7949.2 | 7606.5 | 6940.9 | 6118.5 | 5217.9 | 4659.9 | 4716.1 | 5088.2 | 5443.1 | 5592.3 | 5425.9 |
| 22.5° | 8157.2 | 7795.0 | 7055.9 | 6062.3 | 4899.7 | 4373.5 | 4549.8 | 4921.7 | 5232.5 | 5408.7 | 5357.4 |
| 25° | 8411.8 | 8032.4 | 7217.4 | 5979.0 | 4557.0 | 4136.1 | 4380.8 | 4728.4 | 4980.5 | 5102.9 | 5100.4 |
| 27.5° | 8685.8 | 8316.2 | 7432.8 | 5935.0 | 4280.5 | 3967.3 | 4190.0 | 4498.3 | 4723.5 | 4809.2 | 4809.2 |
| 30° | 9026.0 | 8646.7 | 7687.3 | 5886.0 | 4099.4 | 3869.4 | 3991.8 | 4231.6 | 4451.8 | 4537.5 | 4537.5 |
| 32.5° | 9398.0 | 9013.7 | 7932.1 | 5768.5 | 3989.3 | 3795.9 | 3798.3 | 3950.1 | 4150.8 | 4253.5 | 4268.3 |
| 35° | 9863.1 | 9454.3 | 8194.0 | 5511.5 | 3901.2 | 3710.3 | 3609.9 | 3683.3 | 3849.8 | 3972.2 | 4004.0 |
| 37.5° | 10526.2 | 10031.9 | 8514.5 | 5144.5 | 3771.5 | 3578.1 | 3411.7 | 3428.8 | 3556.0 | 3690.7 | 3739.6 |
| 40° | 11441.7 | 10807.7 | 8891.5 | 4762.7 | 3585.4 | 3392.1 | 3193.9 | 3186.5 | 3279.5 | 3411.7 | 3465.5 |
| 42.5° | 12680.0 | 11833.2 | 9344.2 | 4398.0 | 3406.8 | 3166.9 | 2963.8 | 2951.6 | 3025.0 | 3140.0 | 3196.4 |
| 45° | 14314.8 | 13145.0 | 9899.8 | 4084.7 | 3267.3 | 2946.7 | 2746.0 | 2741.1 | 2802.2 | 2902.6 | 2961.3 |
| 47.5° | 16407.4 | 14968.3 | 10455.3 | 3871.8 | 3193.9 | 2772.9 | 2567.3 | 2577.2 | 2631.0 | 2721.5 | 2763.1 |
| 50° | 19116.7 | 17344.7 | 10624.2 | 3764.1 | 3193.9 | 2679.9 | 2408.2 | 2457.2 | 2501.2 | 2569.8 | 2594.3 |
| 52.5° | 22364.4 | 19625.8 | 10066.2 | 3666.2 | 3213.5 | 2692.2 | 2273.7 | 2378.9 | 2410.7 | 2469.4 | 2479.3 |
| 55° | 25374.7 | 20744.2 | 8654.0 | 3531.6 | 3218.3 | 2768.0 | 2158.6 | 2315.3 | 2374.0 | 2396.0 | 2393.6 |
| 57.5° | 27122.1 | 20360.0 | 6997.2 | 3304.0 | 3198.7 | 2819.4 | 2085.2 | 2237.0 | 2349.5 | 2364.2 | 2342.1 |
| 60° | 26789.3 | 19011.4 | 5151.8 | 3130.2 | 3054.4 | 2799.8 | 2063.1 | 2117.0 | 2295.7 | 2317.7 | 2288.3 |
| 62.5° | 24224.4 | 16750.0 | 3575.6 | 2995.7 | 2736.2 | 2714.2 | 2055.8 | 1928.5 | 2178.2 | 2232.0 | 2190.4 |
| 65° | 19471.5 | 13186.6 | 2525.7 | 2579.5 | 2398.5 | 2528.2 | 2016.7 | 1732.8 | 2036.3 | 2109.7 | 2046.0 |
| 67.5° | 14126.4 | 8923.2 | 1823.3 | 2090.1 | 2173.3 | 2227.1 | 1928.5 | 1590.8 | 1874.7 | 1972.6 | 1889.4 |
| 70° | 9065.2 | 4818.9 | 1280.0 | 1380.4 | 1830.6 | 1891.8 | 1776.8 | 1463.6 | 1710.7 | 1823.3 | 1732.8 |
| 72.5° | 6444.0 | 2846.3 | 920.2 | 966.7 | 1470.9 | 1576.1 | 1563.8 | 1321.6 | 1519.9 | 1656.9 | 1549.2 |
| 75° | 4447.0 | 1568.8 | 621.7 | 690.1 | 1067.0 | 1280.0 | 1206.5 | 1135.6 | 1287.3 | 1426.8 | 1321.6 |
| 77.5° | 2787.6 | 702.4 | 372.0 | 479.7 | 700.0 | 1005.8 | 827.2 | 878.6 | 1003.5 | 1133.1 | 1023.1 |
| 80° | 1551.6 | 271.6 | 208.1 | 318.2 | 381.8 | 731.7 | 457.7 | 565.4 | 739.1 | 832.1 | 744.0 |
| 82.5° | 337.7 | 34.2 | 93.0 | 137.0 | 149.3 | 425.9 | 242.3 | 328.0 | 465.0 | 457.7 | 396.5 |
| 85° | 0.0 | 0.0 | 17.1 | 19.6 | 9.8 | 183.6 | 88.1 | 107.7 | 151.7 | 142.0 | 107.7 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.9 | 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 |

REPORT NUMBER: P970888

CATALOG NUMBER: NVN-SB6C-735-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° | 185° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4919.3 | 4919.3 | 4919.3 | 4919.3 | 4919.3 | 4919.3 | 4919.3 | 4919.3 | 4919.3 | 4919.3 | 4919.3 |
| 2.5° | 4405.3 | 4285.4 | 4197.3 | 4153.2 | 4116.5 | 4150.8 | 4170.4 | 4170.4 | 4253.5 | 4302.5 | 4322.1 |
| 5° | 3991.8 | 3776.3 | 3612.4 | 3502.2 | 3436.1 | 3458.1 | 3482.6 | 3509.6 | 3614.9 | 3685.8 | 3732.3 |
| 7.5° | 3705.4 | 3375.0 | 3125.3 | 2971.2 | 2890.4 | 2902.6 | 2919.7 | 2941.7 | 3044.6 | 3115.6 | 3176.8 |
| 10° | 3651.6 | 3176.8 | 2824.3 | 2621.1 | 2523.2 | 2506.1 | 2496.4 | 2489.0 | 2550.2 | 2604.0 | 2653.0 |
| 12.5° | 3871.8 | 3186.5 | 2694.6 | 2447.4 | 2327.5 | 2276.1 | 2217.4 | 2170.8 | 2180.7 | 2214.9 | 2276.1 |
| 15° | 4265.8 | 3311.4 | 2653.0 | 2356.9 | 2207.5 | 2121.9 | 2053.4 | 1997.1 | 1984.8 | 1997.1 | 2006.8 |
| 17.5° | 4716.1 | 3480.2 | 2648.1 | 2278.6 | 2092.5 | 2004.4 | 1948.1 | 1896.8 | 1879.6 | 1882.1 | 1894.3 |
| 20° | 5014.7 | 3614.9 | 2633.4 | 2190.4 | 1982.4 | 1904.0 | 1855.1 | 1803.7 | 1786.6 | 1791.5 | 1794.0 |
| 22.5° | 5044.1 | 3685.8 | 2611.4 | 2092.5 | 1872.3 | 1806.2 | 1757.3 | 1710.7 | 1708.3 | 1708.3 | 1722.9 |
| 25° | 4885.0 | 3685.8 | 2564.9 | 2004.4 | 1767.0 | 1708.3 | 1664.2 | 1607.9 | 1617.8 | 1622.7 | 1642.3 |
| 27.5° | 4637.8 | 3597.6 | 2476.8 | 1933.5 | 1676.5 | 1615.3 | 1571.2 | 1519.9 | 1532.1 | 1539.4 | 1561.5 |
| 30° | 4393.0 | 3485.1 | 2371.5 | 1852.7 | 1590.8 | 1519.9 | 1488.0 | 1444.0 | 1448.8 | 1458.7 | 1483.2 |
| 32.5° | 4165.5 | 3365.2 | 2246.7 | 1786.6 | 1505.1 | 1434.2 | 1409.7 | 1360.8 | 1368.1 | 1377.9 | 1404.8 |
| 35° | 3940.3 | 3233.1 | 2099.9 | 1708.3 | 1426.8 | 1355.9 | 1336.3 | 1280.0 | 1284.8 | 1299.6 | 1328.9 |
| 37.5° | 3698.0 | 3093.6 | 1980.0 | 1630.0 | 1350.9 | 1277.6 | 1258.0 | 1199.2 | 1204.2 | 1221.3 | 1255.5 |
| 40° | 3443.5 | 2956.5 | 1862.4 | 1546.7 | 1270.2 | 1196.8 | 1179.7 | 1116.0 | 1120.9 | 1140.5 | 1177.2 |
| 42.5° | 3186.5 | 2807.2 | 1771.9 | 1439.1 | 1186.9 | 1108.6 | 1091.5 | 1032.8 | 1040.2 | 1062.2 | 1098.9 |
| 45° | 2949.1 | 2628.5 | 1713.2 | 1319.2 | 1108.6 | 1020.6 | 1003.5 | 949.6 | 964.3 | 988.7 | 1025.5 |
| 47.5° | 2746.0 | 2444.9 | 1688.7 | 1218.8 | 1025.5 | 930.0 | 915.3 | 871.2 | 895.7 | 922.7 | 952.0 |
| 50° | 2572.2 | 2268.7 | 1656.9 | 1116.0 | 947.1 | 851.7 | 837.0 | 807.6 | 839.5 | 866.4 | 893.3 |
| 52.5° | 2447.4 | 2068.0 | 1588.3 | 1023.1 | 878.6 | 785.7 | 780.7 | 766.1 | 795.4 | 819.9 | 844.4 |
| 55° | 2339.8 | 1860.1 | 1478.3 | 942.3 | 817.4 | 729.3 | 734.2 | 726.9 | 751.3 | 770.9 | 792.9 |
| 57.5° | 2241.8 | 1679.0 | 1338.8 | 878.6 | 751.3 | 680.4 | 695.1 | 685.3 | 697.5 | 709.7 | 736.7 |
| 60° | 2124.3 | 1495.4 | 1172.3 | 807.6 | 673.0 | 631.4 | 648.5 | 621.7 | 619.2 | 624.1 | 631.4 |
| 62.5° | 1950.6 | 1248.1 | 998.6 | 719.6 | 604.5 | 577.6 | 585.0 | 533.5 | 494.4 | 494.4 | 501.7 |
| 65° | 1708.3 | 1003.5 | 837.0 | 621.7 | 526.2 | 504.2 | 499.3 | 425.9 | 372.0 | 367.2 | 389.1 |
| 67.5° | 1426.8 | 824.8 | 695.1 | 523.8 | 438.1 | 423.4 | 428.2 | 374.4 | 320.6 | 315.7 | 340.2 |
| 70° | 1162.6 | 682.9 | 560.5 | 418.5 | 337.7 | 352.4 | 374.4 | 320.6 | 269.2 | 261.9 | 283.9 |
| 72.5° | 944.7 | 543.4 | 438.1 | 320.6 | 249.6 | 291.2 | 318.2 | 261.9 | 212.9 | 208.1 | 227.7 |
| 75° | 729.3 | 398.9 | 313.2 | 217.8 | 181.1 | 225.2 | 249.6 | 190.9 | 151.7 | 144.4 | 161.5 |
| 77.5° | 487.1 | 247.2 | 176.2 | 137.0 | 107.7 | 154.2 | 166.5 | 100.3 | 88.1 | 85.7 | 97.9 |
| 80° | 296.1 | 115.0 | 75.8 | 66.1 | 36.7 | 56.3 | 66.1 | 41.6 | 46.5 | 49.0 | 58.7 |
| 82.5° | 149.3 | 31.8 | 12.2 | 2.5 | 0.0 | 0.0 | 19.6 | 9.8 | 19.6 | 24.5 | 36.7 |
| 85° | 12.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.9 | 12.2 | 22.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.8 |
| 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: P970888
 CATALOG NUMBER: NVN-SB6C-735-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° | 285° |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| 0° | 4919.3 | 4919.3 | 4919.3 | 4919.3 | 4919.3 | 4919.3 | 4919.3 | 4919.3 | 4919.3 | 4919.3 | 4919.3 |
| 2.5° | 4459.2 | 4562.0 | 4659.9 | 4816.5 | 4978.0 | 5137.1 | 5298.6 | 5455.3 | 5511.5 | 5553.1 | 5646.2 |
| 5° | 3945.2 | 4138.5 | 4363.7 | 4674.5 | 5007.4 | 5350.0 | 5697.6 | 6015.7 | 6160.1 | 6258.0 | 6478.3 |
| 7.5° | 3414.2 | 3666.2 | 3989.3 | 4456.7 | 4978.0 | 5523.8 | 6069.5 | 6571.3 | 6803.7 | 6992.2 | 7327.5 |
| 10° | 2887.9 | 3162.0 | 3570.8 | 4104.3 | 4809.2 | 5592.3 | 6346.1 | 7036.3 | 7337.4 | 7574.7 | 8030.0 |
| 12.5° | 2425.4 | 2682.3 | 3110.7 | 3700.5 | 4544.8 | 5538.5 | 6505.2 | 7334.9 | 7689.8 | 7956.6 | 8455.7 |
| 15° | 2099.9 | 2280.9 | 2660.3 | 3296.6 | 4231.6 | 5364.7 | 6515.0 | 7476.9 | 7866.0 | 8145.0 | 8578.1 |
| 17.5° | 1918.8 | 1980.0 | 2227.1 | 2885.5 | 3884.0 | 5137.1 | 6424.4 | 7525.8 | 7941.8 | 8201.2 | 8502.3 |
| 20° | 1820.9 | 1830.6 | 1899.2 | 2352.0 | 3438.6 | 4924.2 | 6338.8 | 7574.7 | 8012.8 | 8230.6 | 8321.2 |
| 22.5° | 1742.6 | 1742.6 | 1759.7 | 1923.6 | 2863.4 | 4669.7 | 6311.8 | 7660.3 | 8110.7 | 8245.3 | 8059.3 |
| 25° | 1671.6 | 1671.6 | 1676.5 | 1720.6 | 2268.7 | 4280.5 | 6294.7 | 7792.6 | 8245.3 | 8282.0 | 7770.5 |
| 27.5° | 1598.2 | 1600.6 | 1600.6 | 1625.0 | 1828.2 | 3751.9 | 6221.3 | 7963.8 | 8406.8 | 8331.0 | 7494.0 |
| 30° | 1524.7 | 1529.6 | 1529.6 | 1546.7 | 1617.8 | 3132.7 | 6076.9 | 8169.5 | 8617.3 | 8394.6 | 7219.9 |
| 32.5° | 1451.3 | 1456.2 | 1456.2 | 1470.9 | 1522.3 | 2501.2 | 5895.8 | 8357.8 | 8830.3 | 8421.5 | 6965.3 |
| 35° | 1375.4 | 1382.8 | 1377.9 | 1397.5 | 1451.3 | 1989.7 | 5665.8 | 8546.3 | 9060.3 | 8507.2 | 6840.5 |
| 37.5° | 1299.6 | 1304.5 | 1302.1 | 1321.6 | 1382.8 | 1718.1 | 5399.0 | 8688.3 | 9373.5 | 8698.0 | 6989.8 |
| 40° | 1223.7 | 1221.3 | 1221.3 | 1243.3 | 1309.3 | 1639.8 | 5063.7 | 8913.4 | 9823.9 | 9033.3 | 7640.8 |
| 42.5° | 1145.3 | 1145.3 | 1140.5 | 1165.0 | 1245.7 | 1581.1 | 4743.1 | 9317.2 | 10479.8 | 9566.9 | 8795.9 |
| 45° | 1074.4 | 1071.9 | 1062.2 | 1084.2 | 1184.6 | 1478.3 | 4630.5 | 10071.0 | 11448.9 | 10430.8 | 10193.4 |
| 47.5° | 1005.8 | 1003.5 | 979.0 | 998.6 | 1111.1 | 1385.2 | 5051.4 | 11304.5 | 12792.6 | 11701.1 | 11502.8 |
| 50° | 944.7 | 947.1 | 900.7 | 917.8 | 1037.7 | 1314.3 | 5964.4 | 12905.2 | 14576.7 | 13411.8 | 12743.6 |
| 52.5° | 888.4 | 888.4 | 827.2 | 837.0 | 947.1 | 1250.6 | 6833.2 | 14640.4 | 16931.2 | 15798.0 | 14190.1 |
| 55° | 832.1 | 827.2 | 758.7 | 763.6 | 856.6 | 1160.1 | 6962.8 | 16334.0 | 20142.2 | 19388.4 | 16167.5 |
| 57.5° | 768.4 | 758.7 | 695.1 | 695.1 | 773.4 | 1094.0 | 6035.3 | 17636.0 | 24126.6 | 24665.0 | 19018.8 |
| 60° | 690.1 | 682.9 | 641.2 | 628.9 | 707.2 | 1152.7 | 4258.5 | 17787.7 | 26696.3 | 31681.6 | 24478.9 |
| 62.5° | 589.8 | 599.6 | 577.6 | 560.5 | 643.7 | 1196.8 | 2523.2 | 16566.5 | 26074.7 | 33913.7 | 31018.4 |
| 65° | 465.0 | 504.2 | 499.3 | 487.1 | 707.2 | 1008.3 | 1490.5 | 14221.9 | 24168.2 | 32112.4 | 29684.6 |
| 67.5° | 396.5 | 423.4 | 416.0 | 416.0 | 741.6 | 766.1 | 937.4 | 11111.2 | 21544.5 | 29975.8 | 26515.2 |
| 70° | 337.7 | 364.7 | 337.7 | 337.7 | 560.5 | 465.0 | 648.5 | 7758.2 | 18712.8 | 27611.7 | 24434.9 |
| 72.5° | 279.0 | 306.0 | 276.5 | 257.0 | 447.9 | 347.6 | 474.8 | 4848.4 | 16025.6 | 25149.5 | 23010.5 |
| 75° | 212.9 | 244.8 | 222.7 | 198.2 | 296.1 | 259.4 | 359.8 | 2817.0 | 13277.1 | 21517.6 | 20981.6 |
| 77.5° | 134.6 | 176.2 | 166.5 | 139.5 | 217.8 | 188.5 | 259.4 | 1676.5 | 10244.9 | 16813.7 | 18047.2 |
| 80° | 83.2 | 90.5 | 93.0 | 88.1 | 124.8 | 127.3 | 176.2 | 954.5 | 7011.8 | 11718.2 | 14099.5 |
| 82.5° | 53.8 | 53.8 | 41.6 | 46.5 | 61.2 | 73.4 | 100.3 | 359.8 | 4121.4 | 7134.2 | 9814.1 |
| 85° | 39.2 | 34.2 | 22.0 | 22.0 | 29.4 | 36.7 | 39.2 | 110.1 | 1671.6 | 2817.0 | 3837.5 |
| 87.5° | 19.6 | 17.1 | 7.4 | 9.8 | 14.7 | 12.2 | 9.8 | 4.9 | 421.0 | 900.7 | 631.4 |
| 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: P970888

CATALOG NUMBER: NVN-SB6C-735-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 4919.3 | 4919.3 | 4919.3 | 4919.3 | 4919.3 | 4919.3 | 4919.3 | 4919.3 |
| 2.5° | 5695.1 | 5771.0 | 5775.9 | 5775.9 | 5709.8 | 5707.3 | 5572.7 | 5558.1 |
| 5° | 6705.9 | 6754.9 | 6767.0 | 6742.6 | 6610.4 | 6512.5 | 6250.7 | 6194.4 |
| 7.5° | 7631.0 | 7728.9 | 7728.9 | 7670.2 | 7454.8 | 7254.1 | 6874.8 | 6732.8 |
| 10° | 8370.2 | 8482.7 | 8458.2 | 8338.3 | 8066.6 | 7790.1 | 7330.0 | 7143.9 |
| 12.5° | 8729.9 | 8844.9 | 8781.3 | 8644.2 | 8379.9 | 8088.7 | 7604.1 | 7393.6 |
| 15° | 8722.5 | 8690.8 | 8624.7 | 8607.5 | 8480.2 | 8260.0 | 7807.2 | 7577.2 |
| 17.5° | 8411.8 | 8142.5 | 8091.1 | 8262.4 | 8424.0 | 8370.2 | 7983.4 | 7768.1 |
| 20° | 7919.8 | 7449.9 | 7403.4 | 7731.4 | 8191.5 | 8426.4 | 8147.4 | 7949.2 |
| 22.5° | 7400.9 | 6894.4 | 6786.6 | 7148.9 | 7841.5 | 8443.5 | 8355.4 | 8157.2 |
| 25° | 6909.0 | 6400.0 | 6292.3 | 6630.0 | 7452.4 | 8414.2 | 8580.6 | 8411.8 |
| 27.5° | 6497.9 | 6005.9 | 5905.5 | 6243.4 | 7077.9 | 8331.0 | 8805.8 | 8685.8 |
| 30° | 6179.7 | 5724.5 | 5651.0 | 5976.6 | 6754.9 | 8228.2 | 9092.1 | 9026.0 |
| 32.5° | 5993.7 | 5660.9 | 5687.7 | 5954.5 | 6581.1 | 8115.6 | 9366.2 | 9398.0 |
| 35° | 6177.3 | 6191.9 | 6426.9 | 6537.0 | 6742.6 | 8098.4 | 9738.2 | 9863.1 |
| 37.5° | 7090.1 | 7599.1 | 8086.2 | 7995.7 | 7533.1 | 8296.7 | 10293.8 | 10526.2 |
| 40° | 8644.2 | 9689.3 | 10479.8 | 10134.7 | 8969.8 | 8903.7 | 11094.1 | 11441.7 |
| 42.5° | 10543.5 | 12315.4 | 13617.3 | 12692.3 | 10822.5 | 9965.9 | 12237.1 | 12680.0 |
| 45° | 12547.8 | 15553.2 | 17604.2 | 15680.6 | 12797.4 | 11453.9 | 13967.4 | 14314.8 |
| 47.5° | 14660.0 | 19488.7 | 22141.6 | 18994.3 | 14628.2 | 13147.5 | 16326.6 | 16407.4 |
| 50° | 16970.3 | 23803.5 | 26767.3 | 22305.6 | 16395.2 | 15088.2 | 19209.7 | 19116.7 |
| 52.5° | 19170.5 | 28240.6 | 31295.0 | 25631.7 | 17946.8 | 17496.5 | 22555.3 | 22364.4 |
| 55° | 21270.4 | 32675.3 | 35849.6 | 28828.0 | 19410.3 | 20678.1 | 26529.9 | 25374.7 |
| 57.5° | 23705.6 | 36662.1 | 40543.7 | 32038.9 | 21456.4 | 24809.3 | 30974.4 | 27122.1 |
| 60° | 27305.7 | 41192.3 | 45852.1 | 36439.4 | 25347.7 | 29151.0 | 32567.6 | 26789.3 |
| 62.5° | 31901.9 | 45357.8 | 49711.7 | 40751.7 | 29256.3 | 29968.4 | 30220.6 | 24224.4 |
| 65° | 32795.2 | 46412.6 | 49929.5 | 41904.5 | 28752.1 | 25421.2 | 24672.3 | 19471.5 |
| 67.5° | 30426.1 | 44506.0 | 46884.9 | 39758.1 | 25433.4 | 19645.4 | 18514.6 | 14126.4 |
| 70° | 27768.3 | 40871.7 | 41578.9 | 36109.0 | 22369.3 | 14449.5 | 12503.8 | 9065.2 |
| 72.5° | 25044.3 | 36023.3 | 34559.8 | 31358.6 | 19660.0 | 10521.4 | 9018.7 | 6444.0 |
| 75° | 21808.8 | 29647.8 | 27222.5 | 26055.1 | 16277.7 | 8257.5 | 6524.7 | 4447.0 |
| 77.5° | 17464.7 | 20869.0 | 20220.5 | 20196.0 | 12232.1 | 6032.8 | 4353.9 | 2787.6 |
| 80° | 12320.2 | 13543.9 | 13213.6 | 15210.6 | 8206.2 | 4375.9 | 2621.1 | 1551.6 |
| 82.5° | 5964.4 | 7489.1 | 7687.3 | 9057.8 | 3991.8 | 2574.7 | 604.5 | 337.7 |
| 85° | 2334.8 | 3612.4 | 3047.0 | 3438.6 | 1120.9 | 717.1 | 14.7 | 0.0 |
| 87.5° | 261.9 | 418.5 | 384.3 | 303.5 | 137.0 | 29.4 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)