

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: LUMARK

Report Number: P966113

Luminaire Tested: **NAV-SB4B-730-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P966113
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: LUMARK
Catalog Number: NAV-SB4B-730-U-SLL
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(4) 70 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: 23049.2 lumens
Efficiency: N/A
Efficacy: 156.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

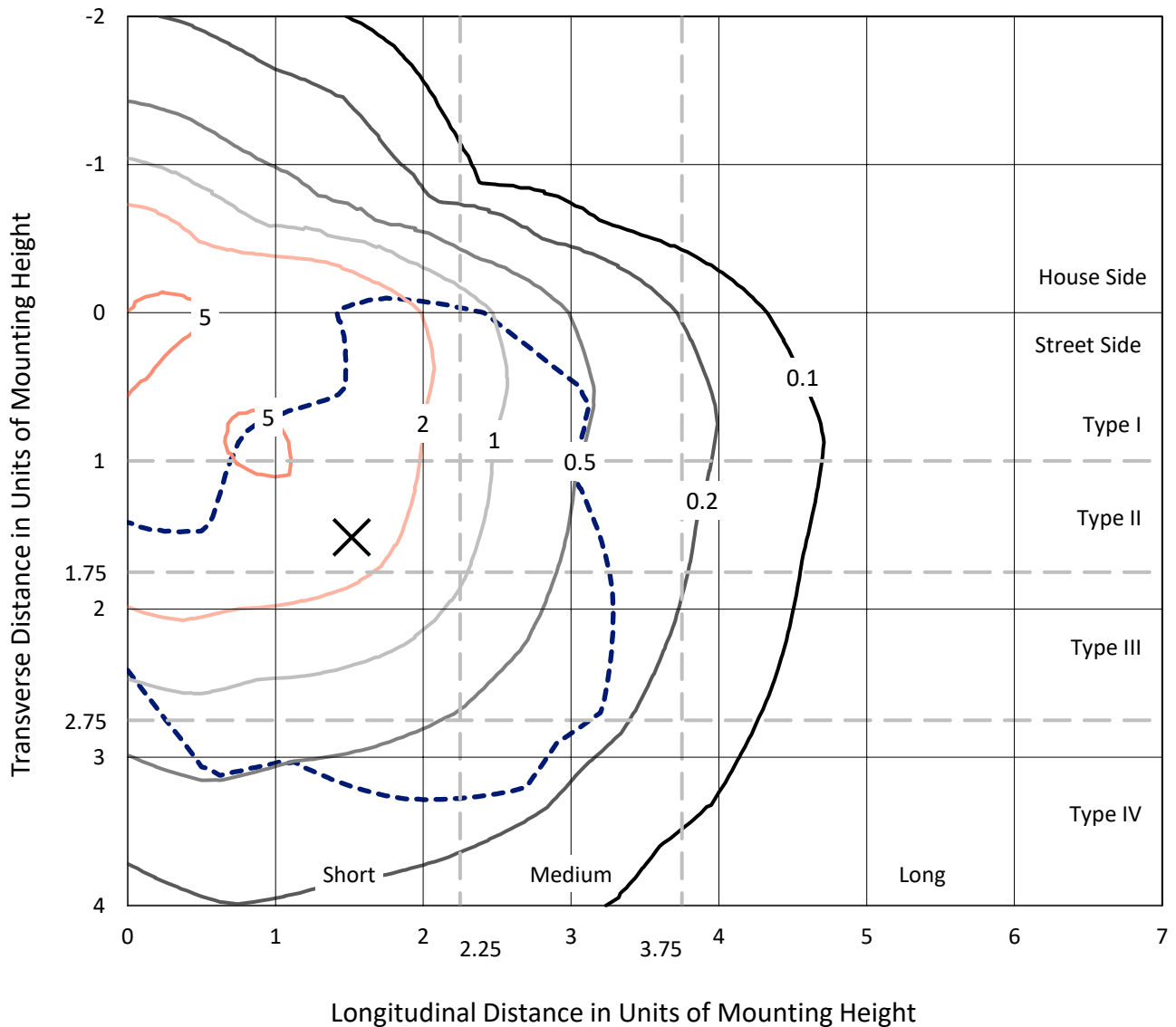
Input Watts (W): 147
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P966113
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Iso-Footcandle Lines of Horizontal Illumination

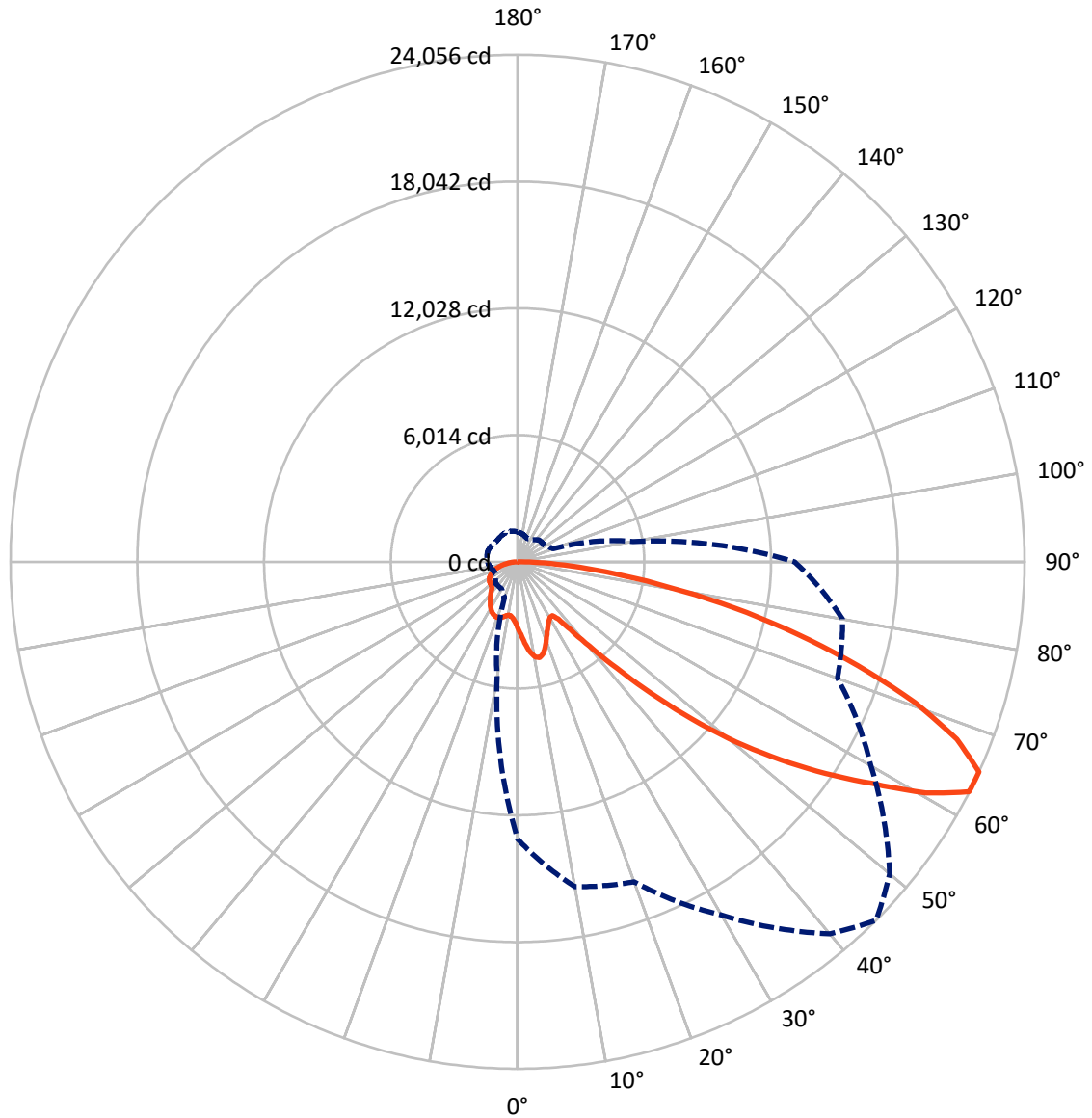
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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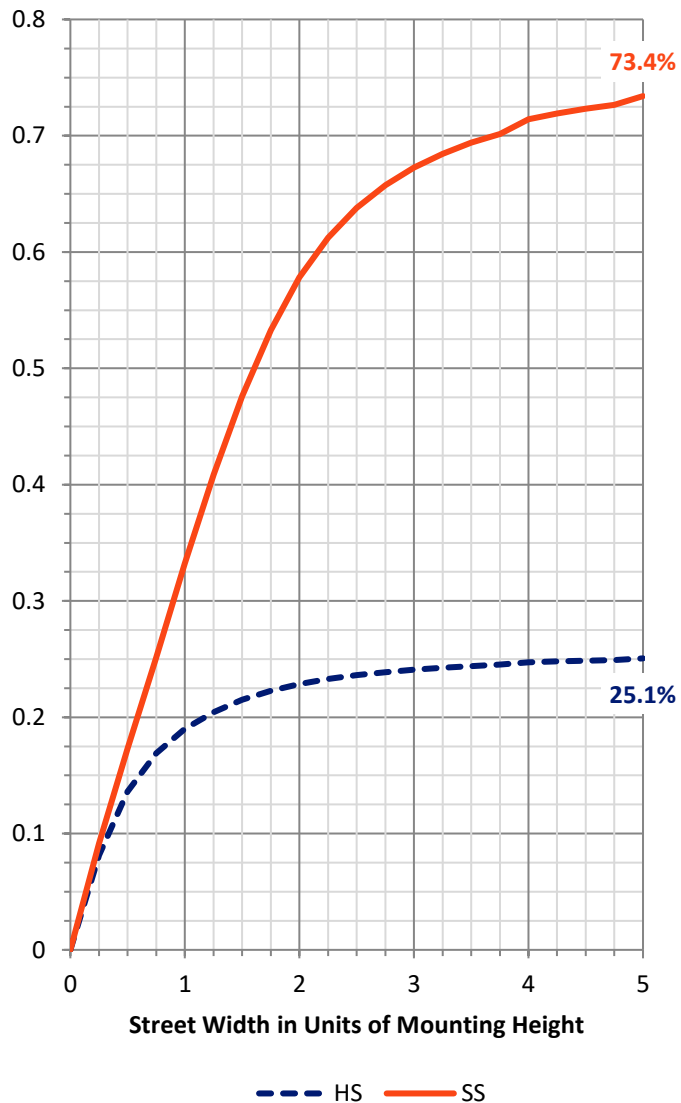
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 5857.9 | 0.0 | 5857.9 |
| | % Fixture | 25.4 | 0.0 | 25.4 |
| Street Side | Lumens | 17191.2 | 0.0 | 17191.2 |
| | % Fixture | 74.6 | 0.0 | 74.6 |
| Total | Lumens | 23049.2 | 0.0 | 23049.2 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 314.4 | 1.4 |
| 10°-20° | 987.0 | 4.3 |
| 20°-30° | 1524.6 | 6.6 |
| 30°-40° | 1932.0 | 8.4 |
| 40°-50° | 2913.9 | 12.6 |
| 50°-60° | 4707.9 | 20.4 |
| 60°-70° | 5869.2 | 25.5 |
| 70°-80° | 3848.7 | 16.7 |
| 80°-90° | 951.5 | 4.1 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 23049.2 | 100.0 |
| 0°-180° | 23049.2 | 100.0 |

Coefficient of Utilization

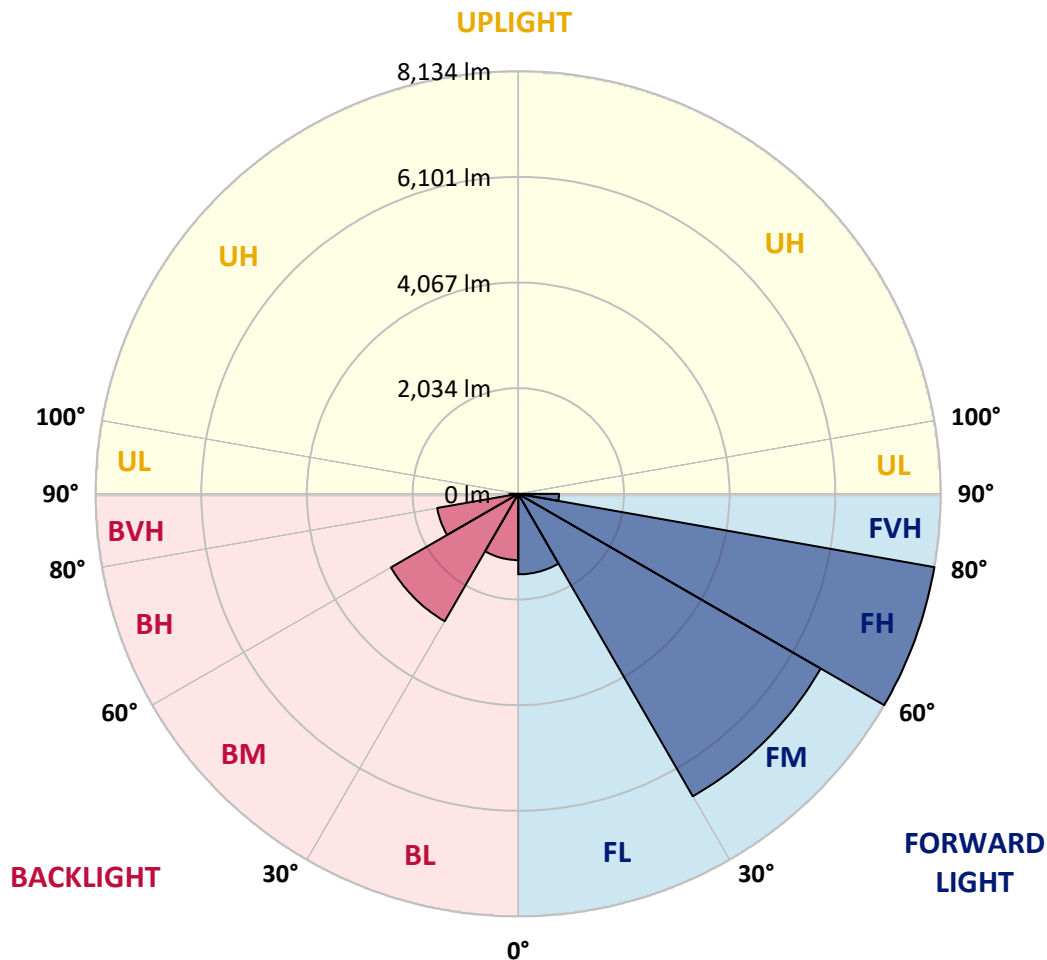


REPORT NUMBER: P966113
 CATALOG NUMBER: NAV-SB4B-730-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|----------|
| | | | B | U | G |
| FL (0°-30°) | 1550.3 | 6.7 | | | |
| FM (30°-60°) | 6722.9 | 29.2 | | | |
| FH (60°-80°) | 8134.1 | 35.3 | | | G4/12000 |
| FVH (80°-90°) | 783.8 | 3.4 | | | G5 |
| BL (0°-30°) | 1275.6 | 5.5 | B3/2500 | | |
| BM (30°-60°) | 2830.9 | 12.3 | B3/5000 | | |
| BH (60°-80°) | 1583.7 | 6.9 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 167.7 | 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-G5
 Type IV Short



REPORT NUMBER: P966113
 CATALOG NUMBER: NAV-SB4B-730-U-SLL

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 |
| 2.5° | 3408.4 | 3421.3 | 3434.4 | 3452.7 | 3471.1 | 3482.0 | 3493.0 | 3498.4 | 3504.0 | 3501.5 | 3504.0 |
| 5° | 3665.1 | 3710.2 | 3755.4 | 3800.2 | 3845.1 | 3869.4 | 3893.7 | 3908.4 | 3923.3 | 3934.5 | 3923.3 |
| 7.5° | 3922.9 | 3996.4 | 4069.7 | 4135.8 | 4201.8 | 4241.6 | 4281.3 | 4302.8 | 4324.3 | 4334.6 | 4324.3 |
| 10° | 4120.5 | 4207.4 | 4294.2 | 4371.7 | 4449.1 | 4496.1 | 4542.8 | 4563.7 | 4584.5 | 4592.4 | 4584.5 |
| 12.5° | 4241.6 | 4335.6 | 4429.7 | 4499.8 | 4569.6 | 4603.6 | 4637.7 | 4649.1 | 4660.6 | 4661.8 | 4660.6 |
| 15° | 4315.1 | 4396.4 | 4477.5 | 4521.4 | 4565.5 | 4566.7 | 4567.9 | 4555.7 | 4543.5 | 4529.2 | 4543.5 |
| 17.5° | 4356.5 | 4411.3 | 4466.2 | 4467.1 | 4467.8 | 4418.5 | 4369.3 | 4324.2 | 4278.9 | 4247.0 | 4278.9 |
| 20° | 4402.1 | 4421.2 | 4440.4 | 4382.6 | 4324.9 | 4216.1 | 4107.4 | 4028.2 | 3949.0 | 3900.4 | 3949.0 |
| 22.5° | 4455.0 | 4429.9 | 4404.9 | 4285.2 | 4165.5 | 4005.6 | 3845.7 | 3746.7 | 3647.7 | 3594.0 | 3647.7 |
| 25° | 4523.1 | 4444.1 | 4365.0 | 4183.3 | 4001.6 | 3807.4 | 3613.1 | 3509.0 | 3405.2 | 3354.3 | 3405.2 |
| 27.5° | 4615.6 | 4474.2 | 4332.8 | 4092.1 | 3851.5 | 3636.3 | 3420.9 | 3318.5 | 3216.2 | 3168.3 | 3216.2 |
| 30° | 4740.2 | 4529.5 | 4318.7 | 4022.5 | 3726.3 | 3502.0 | 3277.7 | 3182.7 | 3087.7 | 3043.0 | 3087.7 |
| 32.5° | 4887.4 | 4598.8 | 4310.2 | 3975.1 | 3639.9 | 3429.1 | 3218.4 | 3143.8 | 3069.2 | 3036.9 | 3069.2 |
| 35° | 5066.2 | 4713.0 | 4359.9 | 4010.6 | 3661.4 | 3515.0 | 3368.7 | 3351.2 | 3333.9 | 3331.2 | 3333.9 |
| 37.5° | 5367.2 | 4951.7 | 4536.2 | 4218.8 | 3901.4 | 3891.9 | 3882.4 | 3961.9 | 4041.5 | 4082.9 | 4041.5 |
| 40° | 5822.0 | 5370.2 | 4918.4 | 4682.3 | 4446.2 | 4612.9 | 4779.5 | 4972.9 | 5166.2 | 5262.6 | 5166.2 |
| 42.5° | 6425.3 | 5977.0 | 5528.6 | 5392.7 | 5256.7 | 5620.2 | 5983.5 | 6335.3 | 6687.0 | 6893.5 | 6687.0 |
| 45° | 7170.2 | 6767.6 | 6364.7 | 6304.8 | 6244.7 | 6826.9 | 7409.2 | 7987.1 | 8565.2 | 8916.1 | 8565.2 |
| 47.5° | 8101.8 | 7710.0 | 7318.2 | 7306.1 | 7293.9 | 8133.8 | 8973.5 | 9819.6 | 10665.6 | 11162.5 | 10665.6 |
| 50° | 9322.9 | 8839.0 | 8355.2 | 8357.2 | 8359.3 | 9441.7 | 10524.2 | 11641.0 | 12757.9 | 13433.1 | 12757.9 |
| 52.5° | 10724.6 | 10138.6 | 9552.8 | 9493.6 | 9434.2 | 10727.1 | 12020.1 | 13402.0 | 14783.7 | 15593.1 | 14783.7 |
| 55° | 12216.9 | 11638.0 | 11059.0 | 10828.1 | 10597.2 | 12036.2 | 13475.1 | 15122.4 | 16769.8 | 17732.4 | 16769.8 |
| 57.5° | 13574.2 | 13259.0 | 12943.6 | 12480.3 | 12017.2 | 13470.2 | 14923.2 | 16789.1 | 18654.9 | 19848.6 | 18654.9 |
| 60° | 14394.5 | 14884.1 | 15374.0 | 14798.6 | 14223.4 | 15598.4 | 16973.5 | 18971.3 | 20969.0 | 22259.2 | 20969.0 |
| 62.5° | 13977.9 | 15316.0 | 16653.9 | 16589.1 | 16524.1 | 17783.8 | 19043.5 | 20944.2 | 22844.8 | 24037.3 | 22844.8 |
| 65° | 13144.3 | 14400.0 | 15655.7 | 15904.2 | 16152.6 | 17753.3 | 19354.3 | 21197.3 | 23040.3 | 24055.5 | 23040.3 |
| 67.5° | 12027.1 | 13221.5 | 14415.8 | 14532.3 | 14648.7 | 16316.7 | 17984.4 | 19835.4 | 21686.3 | 22481.7 | 21686.3 |
| 70° | 10685.1 | 11984.1 | 13283.3 | 13335.4 | 13387.5 | 14879.1 | 16370.5 | 17963.4 | 19556.2 | 19998.3 | 19556.2 |
| 72.5° | 9085.7 | 10576.5 | 12067.3 | 12104.7 | 12142.0 | 13309.0 | 14476.0 | 15669.0 | 16861.9 | 16906.7 | 16861.9 |
| 75° | 7062.6 | 8605.5 | 10148.3 | 10286.9 | 10425.4 | 11333.3 | 12241.3 | 13081.0 | 13920.8 | 13695.8 | 13920.8 |
| 77.5° | 5046.1 | 6486.3 | 7926.7 | 8125.0 | 8323.2 | 9013.3 | 9703.6 | 10299.2 | 10894.8 | 10508.1 | 10894.8 |
| 80° | 3302.7 | 4514.3 | 5726.0 | 5972.4 | 6218.8 | 6740.0 | 7261.1 | 7573.8 | 7886.6 | 7264.5 | 7886.6 |
| 82.5° | 1919.8 | 2748.1 | 3576.6 | 3851.8 | 4127.3 | 4486.0 | 4844.8 | 4975.2 | 5105.6 | 4616.8 | 5105.6 |
| 85° | 844.7 | 1284.3 | 1723.9 | 1958.1 | 2192.3 | 2487.1 | 2781.7 | 2855.8 | 2929.9 | 2538.2 | 2929.9 |
| 87.5° | 261.5 | 409.3 | 557.0 | 687.7 | 818.3 | 965.7 | 1113.0 | 1119.4 | 1125.7 | 945.0 | 1125.7 |
| 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: P966113
 CATALOG NUMBER: NAV-SB4B-730-U-SLL

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|
| 0° | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 |
| 2.5° | 3498.4 | 3493.0 | 3482.0 | 3471.1 | 3452.7 | 3434.4 | 3421.3 | 3408.4 | 3382.3 | 3356.2 | 3328.3 |
| 5° | 3908.4 | 3893.7 | 3869.4 | 3845.1 | 3800.2 | 3755.4 | 3710.2 | 3665.1 | 3607.3 | 3549.6 | 3491.9 |
| 7.5° | 4302.8 | 4281.3 | 4241.6 | 4201.8 | 4135.8 | 4069.7 | 3996.4 | 3922.9 | 3827.6 | 3732.3 | 3644.3 |
| 10° | 4563.7 | 4542.8 | 4496.1 | 4449.1 | 4371.7 | 4294.2 | 4207.4 | 4120.5 | 4000.1 | 3879.5 | 3763.1 |
| 12.5° | 4649.1 | 4637.7 | 4603.6 | 4569.6 | 4499.8 | 4429.7 | 4335.6 | 4241.6 | 4109.1 | 3976.8 | 3845.0 |
| 15° | 4555.7 | 4567.9 | 4566.7 | 4565.5 | 4521.4 | 4477.5 | 4396.4 | 4315.1 | 4177.1 | 4039.0 | 3896.0 |
| 17.5° | 4324.2 | 4369.3 | 4418.5 | 4467.8 | 4467.1 | 4466.2 | 4411.3 | 4356.5 | 4216.5 | 4076.5 | 3920.5 |
| 20° | 4028.2 | 4107.4 | 4216.1 | 4324.9 | 4382.6 | 4440.4 | 4421.2 | 4402.1 | 4256.6 | 4111.1 | 3939.6 |
| 22.5° | 3746.7 | 3845.7 | 4005.6 | 4165.5 | 4285.2 | 4404.9 | 4429.9 | 4455.0 | 4306.3 | 4157.6 | 3965.3 |
| 25° | 3509.0 | 3613.1 | 3807.4 | 4001.6 | 4183.3 | 4365.0 | 4444.1 | 4523.1 | 4377.4 | 4231.8 | 4012.1 |
| 27.5° | 3318.5 | 3420.9 | 3636.3 | 3851.5 | 4092.1 | 4332.8 | 4474.2 | 4615.6 | 4476.7 | 4337.6 | 4085.0 |
| 30° | 3182.7 | 3277.7 | 3502.0 | 3726.3 | 4022.5 | 4318.7 | 4529.5 | 4740.2 | 4605.9 | 4471.8 | 4179.5 |
| 32.5° | 3143.8 | 3218.4 | 3429.1 | 3639.9 | 3975.1 | 4310.2 | 4598.8 | 4887.4 | 4754.5 | 4621.6 | 4278.1 |
| 35° | 3351.2 | 3368.7 | 3515.0 | 3661.4 | 4010.6 | 4359.9 | 4713.0 | 5066.2 | 4939.0 | 4811.6 | 4390.6 |
| 37.5° | 3961.9 | 3882.4 | 3891.9 | 3901.4 | 4218.8 | 4536.2 | 4951.7 | 5367.2 | 5205.0 | 5042.7 | 4516.5 |
| 40° | 4972.9 | 4779.5 | 4612.9 | 4446.2 | 4682.3 | 4918.4 | 5370.2 | 5822.0 | 5585.6 | 5349.2 | 4676.3 |
| 42.5° | 6335.3 | 5983.5 | 5620.2 | 5256.7 | 5392.7 | 5528.6 | 5977.0 | 6425.3 | 6084.0 | 5742.8 | 4885.3 |
| 45° | 7987.1 | 7409.2 | 6826.9 | 6244.7 | 6304.8 | 6364.7 | 6767.6 | 7170.2 | 6709.9 | 6249.5 | 5160.4 |
| 47.5° | 9819.6 | 8973.5 | 8133.8 | 7293.9 | 7306.1 | 7318.2 | 7710.0 | 8101.8 | 7453.9 | 6805.9 | 5453.5 |
| 50° | 11641.0 | 10524.2 | 9441.7 | 8359.3 | 8357.2 | 8355.2 | 8839.0 | 9322.9 | 8346.2 | 7369.3 | 5725.4 |
| 52.5° | 13402.0 | 12020.1 | 10727.1 | 9434.2 | 9493.6 | 9552.8 | 10138.6 | 10724.6 | 9283.4 | 7842.2 | 5902.1 |
| 55° | 15122.4 | 13475.1 | 12036.2 | 10597.2 | 10828.1 | 11059.0 | 11638.0 | 12216.9 | 10114.3 | 8011.8 | 5863.1 |
| 57.5° | 16789.1 | 14923.2 | 13470.2 | 12017.2 | 12480.3 | 12943.6 | 13259.0 | 13574.2 | 10703.2 | 7832.2 | 5589.2 |
| 60° | 18971.3 | 16973.5 | 15598.4 | 14223.4 | 14798.6 | 15374.0 | 14884.1 | 14394.5 | 10850.3 | 7306.1 | 5079.5 |
| 62.5° | 20944.2 | 19043.5 | 17783.8 | 16524.1 | 16589.1 | 16653.9 | 15316.0 | 13977.9 | 10230.7 | 6483.4 | 4390.3 |
| 65° | 21197.3 | 19354.3 | 17753.3 | 16152.6 | 15904.2 | 15655.7 | 14400.0 | 13144.3 | 9353.9 | 5563.6 | 3687.1 |
| 67.5° | 19835.4 | 17984.4 | 16316.7 | 14648.7 | 14532.3 | 14415.8 | 13221.5 | 12027.1 | 8310.5 | 4593.8 | 2998.2 |
| 70° | 17963.4 | 16370.5 | 14879.1 | 13387.5 | 13335.4 | 13283.3 | 11984.1 | 10685.1 | 7172.0 | 3658.9 | 2360.7 |
| 72.5° | 15669.0 | 14476.0 | 13309.0 | 12142.0 | 12104.7 | 12067.3 | 10576.5 | 9085.7 | 5937.8 | 2790.0 | 1804.7 |
| 75° | 13081.0 | 12241.3 | 11333.3 | 10425.4 | 10286.9 | 10148.3 | 8605.5 | 7062.6 | 4523.0 | 1983.4 | 1309.8 |
| 77.5° | 10299.2 | 9703.6 | 9013.3 | 8323.2 | 8125.0 | 7926.7 | 6486.3 | 5046.1 | 3165.7 | 1285.2 | 887.5 |
| 80° | 7573.8 | 7261.1 | 6740.0 | 6218.8 | 5972.4 | 5726.0 | 4514.3 | 3302.7 | 2039.5 | 776.5 | 571.8 |
| 82.5° | 4975.2 | 4844.8 | 4486.0 | 4127.3 | 3851.8 | 3576.6 | 2748.1 | 1919.8 | 1180.5 | 441.3 | 351.8 |
| 85° | 2855.8 | 2781.7 | 2487.1 | 2192.3 | 1958.1 | 1723.9 | 1284.3 | 844.7 | 530.9 | 217.5 | 188.0 |
| 87.5° | 1119.4 | 1113.0 | 965.7 | 818.3 | 687.7 | 557.0 | 409.3 | 261.5 | 173.9 | 86.3 | 78.0 |
| 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: P966113
 CATALOG NUMBER: NAV-SB4B-730-U-SLL

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 |
| 2.5° | 3300.6 | 3272.6 | 3244.6 | 3217.9 | 3191.1 | 3165.2 | 3136.4 | 3113.0 | 3089.8 | 3068.7 | 3047.8 |
| 5° | 3434.4 | 3376.4 | 3318.4 | 3264.3 | 3210.2 | 3159.2 | 3108.6 | 3064.6 | 3020.5 | 2983.5 | 2946.7 |
| 7.5° | 3556.2 | 3470.4 | 3384.8 | 3309.2 | 3233.7 | 3164.0 | 3098.7 | 3040.0 | 2981.5 | 2932.9 | 2884.2 |
| 10° | 3646.8 | 3542.7 | 3438.5 | 3349.2 | 3259.7 | 3173.7 | 3103.5 | 3041.8 | 2980.0 | 2931.3 | 2882.7 |
| 12.5° | 3713.1 | 3590.3 | 3467.5 | 3366.4 | 3265.3 | 3174.9 | 3109.6 | 3059.0 | 3008.7 | 2976.3 | 2944.2 |
| 15° | 3753.0 | 3611.6 | 3470.1 | 3353.1 | 3236.1 | 3136.0 | 3083.7 | 3059.5 | 3035.4 | 3039.8 | 3044.1 |
| 17.5° | 3764.4 | 3600.2 | 3436.0 | 3295.4 | 3154.6 | 3036.9 | 3004.7 | 3013.5 | 3022.3 | 3075.3 | 3128.4 |
| 20° | 3768.1 | 3569.2 | 3370.1 | 3195.7 | 3021.3 | 2884.2 | 2875.7 | 2917.0 | 2958.5 | 3050.5 | 3142.8 |
| 22.5° | 3772.9 | 3530.9 | 3288.9 | 3078.9 | 2868.8 | 2712.8 | 2729.5 | 2790.6 | 2851.8 | 2956.8 | 3062.2 |
| 25° | 3792.2 | 3493.2 | 3194.4 | 2948.3 | 2702.4 | 2542.5 | 2587.5 | 2658.0 | 2728.5 | 2823.1 | 2917.7 |
| 27.5° | 3832.3 | 3468.1 | 3103.8 | 2829.0 | 2554.3 | 2408.8 | 2463.5 | 2531.5 | 2599.7 | 2677.4 | 2755.0 |
| 30° | 3887.3 | 3456.2 | 3025.0 | 2729.3 | 2433.7 | 2311.4 | 2354.3 | 2408.3 | 2462.6 | 2527.0 | 2591.5 |
| 32.5° | 3934.7 | 3441.6 | 2948.3 | 2643.4 | 2338.1 | 2239.6 | 2258.8 | 2290.8 | 2322.8 | 2374.2 | 2425.8 |
| 35° | 3969.5 | 3414.2 | 2859.0 | 2558.8 | 2258.5 | 2176.4 | 2168.5 | 2177.3 | 2186.1 | 2225.5 | 2264.6 |
| 37.5° | 3990.1 | 3367.1 | 2744.0 | 2459.3 | 2174.6 | 2102.8 | 2073.9 | 2064.1 | 2054.4 | 2082.7 | 2110.8 |
| 40° | 4003.1 | 3302.2 | 2601.4 | 2340.6 | 2079.7 | 2014.6 | 1970.3 | 1948.2 | 1926.3 | 1946.6 | 1966.9 |
| 42.5° | 4027.8 | 3235.4 | 2443.1 | 2209.6 | 1976.1 | 1916.1 | 1860.2 | 1831.1 | 1801.8 | 1818.4 | 1835.1 |
| 45° | 4071.3 | 3173.2 | 2275.3 | 2070.5 | 1865.7 | 1804.8 | 1750.7 | 1722.3 | 1693.9 | 1707.9 | 1721.9 |
| 47.5° | 4101.1 | 3121.9 | 2142.8 | 1960.4 | 1778.1 | 1699.7 | 1653.1 | 1629.2 | 1605.4 | 1618.6 | 1631.6 |
| 50° | 4081.7 | 3066.0 | 2050.3 | 1887.3 | 1724.4 | 1621.2 | 1567.1 | 1545.9 | 1524.9 | 1545.3 | 1565.9 |
| 52.5° | 3961.8 | 2971.5 | 1981.2 | 1839.2 | 1697.2 | 1578.6 | 1503.0 | 1482.0 | 1461.2 | 1492.1 | 1522.7 |
| 55° | 3714.3 | 2814.9 | 1915.3 | 1804.3 | 1693.2 | 1582.9 | 1468.9 | 1435.8 | 1402.9 | 1446.6 | 1490.1 |
| 57.5° | 3346.4 | 2594.0 | 1841.3 | 1762.9 | 1684.5 | 1587.2 | 1448.5 | 1400.4 | 1352.2 | 1399.1 | 1446.1 |
| 60° | 2853.0 | 2307.2 | 1761.4 | 1699.7 | 1637.9 | 1573.8 | 1429.3 | 1366.9 | 1304.4 | 1345.6 | 1386.7 |
| 62.5° | 2297.2 | 1963.9 | 1630.7 | 1589.7 | 1548.9 | 1541.0 | 1406.9 | 1328.8 | 1250.9 | 1277.0 | 1303.2 |
| 65° | 1810.7 | 1655.2 | 1499.6 | 1480.3 | 1460.9 | 1461.9 | 1359.8 | 1276.7 | 1193.7 | 1203.8 | 1213.8 |
| 67.5° | 1402.5 | 1358.4 | 1314.2 | 1324.9 | 1335.7 | 1333.0 | 1275.6 | 1206.5 | 1137.4 | 1134.3 | 1131.1 |
| 70° | 1062.4 | 1075.0 | 1087.5 | 1137.6 | 1187.7 | 1187.7 | 1168.8 | 1119.6 | 1070.5 | 1059.5 | 1048.6 |
| 72.5° | 819.5 | 857.5 | 895.7 | 966.8 | 1037.7 | 1049.6 | 1049.8 | 1016.2 | 982.5 | 966.4 | 950.5 |
| 75° | 636.3 | 670.9 | 705.4 | 784.9 | 864.5 | 919.4 | 914.8 | 889.0 | 862.9 | 847.6 | 832.1 |
| 77.5° | 489.8 | 513.3 | 537.0 | 614.2 | 691.5 | 782.1 | 779.6 | 758.8 | 738.0 | 722.4 | 706.8 |
| 80° | 367.3 | 377.0 | 386.7 | 452.2 | 517.5 | 625.8 | 625.4 | 608.0 | 590.5 | 577.5 | 564.4 |
| 82.5° | 262.5 | 264.1 | 266.1 | 314.3 | 362.4 | 454.9 | 460.0 | 451.4 | 442.9 | 433.7 | 424.5 |
| 85° | 158.7 | 157.8 | 156.9 | 192.2 | 227.4 | 296.1 | 302.9 | 293.8 | 284.6 | 274.3 | 263.9 |
| 87.5° | 69.6 | 68.7 | 67.9 | 82.2 | 96.7 | 125.3 | 133.8 | 130.2 | 126.5 | 124.5 | 122.6 |
| 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: P966113
 CATALOG NUMBER: NAV-SB4B-730-U-SLL

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 |
| 2.5° | 3029.5 | 3011.1 | 2992.6 | 2974.2 | 2960.0 | 2945.6 | 2934.2 | 2922.6 | 2913.6 | 2904.5 | 2896.3 |
| 5° | 2914.1 | 2881.5 | 2851.9 | 2822.2 | 2799.5 | 2776.6 | 2760.7 | 2744.7 | 2733.5 | 2722.1 | 2713.5 |
| 7.5° | 2843.2 | 2802.1 | 2766.0 | 2729.8 | 2702.7 | 2675.7 | 2656.7 | 2637.7 | 2624.7 | 2611.8 | 2604.0 |
| 10° | 2838.5 | 2794.3 | 2753.6 | 2712.8 | 2680.4 | 2648.0 | 2626.8 | 2605.3 | 2593.0 | 2580.8 | 2574.3 |
| 12.5° | 2909.5 | 2874.9 | 2832.7 | 2790.6 | 2749.3 | 2707.9 | 2680.6 | 2653.2 | 2639.5 | 2625.8 | 2620.2 |
| 15° | 3035.2 | 3026.2 | 2989.6 | 2952.9 | 2894.1 | 2835.3 | 2793.6 | 2752.0 | 2733.0 | 2714.0 | 2706.7 |
| 17.5° | 3156.6 | 3184.7 | 3155.2 | 3125.6 | 3047.7 | 2969.7 | 2908.4 | 2847.1 | 2819.0 | 2790.6 | 2781.3 |
| 20° | 3201.7 | 3260.6 | 3247.1 | 3233.4 | 3144.2 | 3055.1 | 2980.0 | 2905.0 | 2868.8 | 2832.6 | 2821.0 |
| 22.5° | 3139.0 | 3215.6 | 3223.9 | 3232.1 | 3147.0 | 3061.8 | 2984.5 | 2907.0 | 2869.0 | 2830.7 | 2817.9 |
| 25° | 2993.2 | 3068.7 | 3096.9 | 3125.0 | 3055.2 | 2985.5 | 2916.7 | 2848.2 | 2815.1 | 2782.1 | 2770.1 |
| 27.5° | 2815.6 | 2876.1 | 2907.5 | 2939.0 | 2889.3 | 2839.7 | 2786.3 | 2732.9 | 2710.7 | 2688.5 | 2682.9 |
| 30° | 2641.7 | 2692.1 | 2717.7 | 2743.2 | 2705.4 | 2667.4 | 2629.2 | 2590.8 | 2579.5 | 2568.0 | 2568.0 |
| 32.5° | 2473.9 | 2522.2 | 2550.5 | 2579.0 | 2544.2 | 2509.3 | 2478.8 | 2448.2 | 2440.8 | 2433.5 | 2434.4 |
| 35° | 2312.3 | 2360.1 | 2394.1 | 2428.2 | 2403.3 | 2378.7 | 2350.4 | 2322.3 | 2311.1 | 2299.9 | 2297.4 |
| 37.5° | 2158.3 | 2206.0 | 2248.0 | 2290.2 | 2278.7 | 2267.3 | 2241.4 | 2215.3 | 2194.8 | 2174.3 | 2163.6 |
| 40° | 2012.8 | 2058.8 | 2107.2 | 2155.8 | 2158.5 | 2161.2 | 2139.2 | 2117.2 | 2087.3 | 2057.6 | 2037.4 |
| 42.5° | 1878.5 | 1922.2 | 1974.6 | 2026.8 | 2040.8 | 2054.8 | 2036.2 | 2017.7 | 1980.6 | 1943.5 | 1914.2 |
| 45° | 1763.3 | 1804.6 | 1858.8 | 1913.1 | 1933.2 | 1953.2 | 1936.4 | 1919.8 | 1877.4 | 1835.1 | 1800.6 |
| 47.5° | 1672.1 | 1712.5 | 1766.0 | 1819.5 | 1842.5 | 1865.7 | 1854.0 | 1842.3 | 1804.6 | 1766.9 | 1735.0 |
| 50° | 1604.0 | 1642.2 | 1690.0 | 1738.0 | 1767.6 | 1797.3 | 1796.6 | 1796.1 | 1766.0 | 1735.7 | 1706.3 |
| 52.5° | 1557.7 | 1592.6 | 1637.2 | 1682.0 | 1717.2 | 1752.3 | 1758.7 | 1764.9 | 1740.4 | 1715.8 | 1689.4 |
| 55° | 1527.8 | 1565.5 | 1604.6 | 1643.7 | 1680.9 | 1718.3 | 1727.0 | 1735.7 | 1714.4 | 1693.0 | 1669.8 |
| 57.5° | 1490.4 | 1534.6 | 1573.3 | 1612.1 | 1649.6 | 1687.2 | 1696.0 | 1704.9 | 1683.3 | 1661.6 | 1638.8 |
| 60° | 1437.6 | 1488.4 | 1527.7 | 1567.1 | 1604.8 | 1642.5 | 1652.2 | 1661.9 | 1640.8 | 1619.8 | 1596.1 |
| 62.5° | 1362.4 | 1421.8 | 1463.7 | 1505.7 | 1540.3 | 1574.7 | 1584.1 | 1593.5 | 1574.4 | 1555.3 | 1530.5 |
| 65° | 1277.3 | 1340.9 | 1381.0 | 1421.2 | 1451.6 | 1481.9 | 1491.6 | 1501.0 | 1482.7 | 1464.3 | 1440.2 |
| 67.5° | 1189.7 | 1248.4 | 1286.5 | 1324.5 | 1350.7 | 1377.0 | 1386.4 | 1395.6 | 1378.7 | 1361.9 | 1339.6 |
| 70° | 1100.2 | 1151.8 | 1184.6 | 1217.4 | 1241.2 | 1264.8 | 1273.9 | 1282.9 | 1269.2 | 1255.4 | 1234.0 |
| 72.5° | 991.1 | 1031.6 | 1061.3 | 1090.9 | 1114.2 | 1137.4 | 1148.1 | 1158.8 | 1147.4 | 1135.9 | 1115.5 |
| 75° | 862.3 | 892.5 | 919.3 | 946.2 | 967.4 | 988.5 | 999.7 | 1011.0 | 1005.3 | 999.7 | 982.6 |
| 77.5° | 731.4 | 755.8 | 779.0 | 802.1 | 824.3 | 846.4 | 856.9 | 867.4 | 859.7 | 851.6 | 834.4 |
| 80° | 584.8 | 605.1 | 624.5 | 644.0 | 660.9 | 677.6 | 691.6 | 705.4 | 702.0 | 698.7 | 675.5 |
| 82.5° | 422.7 | 421.1 | 414.2 | 407.4 | 443.4 | 479.4 | 503.1 | 526.6 | 525.2 | 523.6 | 504.0 |
| 85° | 255.1 | 246.3 | 227.4 | 208.6 | 242.3 | 276.0 | 305.2 | 334.5 | 332.0 | 329.6 | 314.3 |
| 87.5° | 122.2 | 121.9 | 107.5 | 93.1 | 107.1 | 121.4 | 133.1 | 144.9 | 142.1 | 138.9 | 131.1 |
| 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: P966113
 CATALOG NUMBER: NAV-SB4B-730-U-SLL

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 |
| 2.5° | 2887.9 | 2877.6 | 2887.9 | 2896.3 | 2904.5 | 2913.6 | 2922.6 | 2934.2 | 2945.6 | 2960.0 | 2974.2 |
| 5° | 2704.9 | 2696.4 | 2704.9 | 2713.5 | 2722.1 | 2733.5 | 2744.7 | 2760.7 | 2776.6 | 2799.5 | 2822.2 |
| 7.5° | 2596.4 | 2590.6 | 2596.4 | 2604.0 | 2611.8 | 2624.7 | 2637.7 | 2656.7 | 2675.7 | 2702.7 | 2729.8 |
| 10° | 2567.6 | 2565.0 | 2567.6 | 2574.3 | 2580.8 | 2593.0 | 2605.3 | 2626.8 | 2648.0 | 2680.4 | 2712.8 |
| 12.5° | 2614.7 | 2613.6 | 2614.7 | 2620.2 | 2625.8 | 2639.5 | 2653.2 | 2680.6 | 2707.9 | 2749.3 | 2790.6 |
| 15° | 2699.4 | 2698.8 | 2699.4 | 2706.7 | 2714.0 | 2733.0 | 2752.0 | 2793.6 | 2835.3 | 2894.1 | 2952.9 |
| 17.5° | 2772.0 | 2770.6 | 2772.0 | 2781.3 | 2790.6 | 2819.0 | 2847.1 | 2908.4 | 2969.7 | 3047.7 | 3125.6 |
| 20° | 2809.4 | 2805.8 | 2809.4 | 2821.0 | 2832.6 | 2868.8 | 2905.0 | 2980.0 | 3055.1 | 3144.2 | 3233.4 |
| 22.5° | 2805.2 | 2799.7 | 2805.2 | 2817.9 | 2830.7 | 2869.0 | 2907.0 | 2984.5 | 3061.8 | 3147.0 | 3232.1 |
| 25° | 2758.2 | 2751.1 | 2758.2 | 2770.1 | 2782.1 | 2815.1 | 2848.2 | 2916.7 | 2985.5 | 3055.2 | 3125.0 |
| 27.5° | 2677.5 | 2675.7 | 2677.5 | 2682.9 | 2688.5 | 2710.7 | 2732.9 | 2786.3 | 2839.7 | 2889.3 | 2939.0 |
| 30° | 2568.0 | 2569.9 | 2568.0 | 2568.0 | 2568.0 | 2579.5 | 2590.8 | 2629.2 | 2667.4 | 2705.4 | 2743.2 |
| 32.5° | 2435.5 | 2437.3 | 2435.5 | 2434.4 | 2433.5 | 2440.8 | 2448.2 | 2478.8 | 2509.3 | 2544.2 | 2579.0 |
| 35° | 2295.0 | 2293.7 | 2295.0 | 2297.4 | 2299.9 | 2311.1 | 2322.3 | 2350.4 | 2378.7 | 2403.3 | 2428.2 |
| 37.5° | 2152.7 | 2146.7 | 2152.7 | 2163.6 | 2174.3 | 2194.8 | 2215.3 | 2241.4 | 2267.3 | 2278.7 | 2290.2 |
| 40° | 2017.5 | 2005.5 | 2017.5 | 2037.4 | 2057.6 | 2087.3 | 2117.2 | 2139.2 | 2161.2 | 2158.5 | 2155.8 |
| 42.5° | 1884.9 | 1865.7 | 1884.9 | 1914.2 | 1943.5 | 1980.6 | 2017.7 | 2036.2 | 2054.8 | 2040.8 | 2026.8 |
| 45° | 1766.2 | 1744.0 | 1766.2 | 1800.6 | 1835.1 | 1877.4 | 1919.8 | 1936.4 | 1953.2 | 1933.2 | 1913.1 |
| 47.5° | 1703.3 | 1682.0 | 1703.3 | 1735.0 | 1766.9 | 1804.6 | 1842.3 | 1854.0 | 1865.7 | 1842.5 | 1819.5 |
| 50° | 1676.9 | 1656.5 | 1676.9 | 1706.3 | 1735.7 | 1766.0 | 1796.1 | 1796.6 | 1797.3 | 1767.6 | 1738.0 |
| 52.5° | 1663.2 | 1644.3 | 1663.2 | 1689.4 | 1715.8 | 1740.4 | 1764.9 | 1758.7 | 1752.3 | 1717.2 | 1682.0 |
| 55° | 1646.8 | 1629.7 | 1646.8 | 1669.8 | 1693.0 | 1714.4 | 1735.7 | 1727.0 | 1718.3 | 1680.9 | 1643.7 |
| 57.5° | 1615.7 | 1598.1 | 1615.7 | 1638.8 | 1661.6 | 1683.3 | 1704.9 | 1696.0 | 1687.2 | 1649.6 | 1612.1 |
| 60° | 1572.6 | 1554.3 | 1572.6 | 1596.1 | 1619.8 | 1640.8 | 1661.9 | 1652.2 | 1642.5 | 1604.8 | 1567.1 |
| 62.5° | 1505.7 | 1483.8 | 1505.7 | 1530.5 | 1555.3 | 1574.4 | 1593.5 | 1584.1 | 1574.7 | 1540.3 | 1505.7 |
| 65° | 1416.2 | 1397.4 | 1416.2 | 1440.2 | 1464.3 | 1482.7 | 1501.0 | 1491.6 | 1481.9 | 1451.6 | 1421.2 |
| 67.5° | 1317.1 | 1300.1 | 1317.1 | 1339.6 | 1361.9 | 1378.7 | 1395.6 | 1386.4 | 1377.0 | 1350.7 | 1324.5 |
| 70° | 1212.6 | 1193.1 | 1212.6 | 1234.0 | 1255.4 | 1269.2 | 1282.9 | 1273.9 | 1264.8 | 1241.2 | 1217.4 |
| 72.5° | 1095.2 | 1076.4 | 1095.2 | 1115.5 | 1135.9 | 1147.4 | 1158.8 | 1148.1 | 1137.4 | 1114.2 | 1090.9 |
| 75° | 965.4 | 947.4 | 965.4 | 982.6 | 999.7 | 1005.3 | 1011.0 | 999.7 | 988.5 | 967.4 | 946.2 |
| 77.5° | 817.0 | 802.7 | 817.0 | 834.4 | 851.6 | 859.7 | 867.4 | 856.9 | 846.4 | 824.3 | 802.1 |
| 80° | 652.1 | 625.1 | 652.1 | 675.5 | 698.7 | 702.0 | 705.4 | 691.6 | 677.6 | 660.9 | 644.0 |
| 82.5° | 484.3 | 467.0 | 484.3 | 504.0 | 523.6 | 525.2 | 526.6 | 503.1 | 479.4 | 443.4 | 407.4 |
| 85° | 299.0 | 283.4 | 299.0 | 314.3 | 329.6 | 332.0 | 334.5 | 305.2 | 276.0 | 242.3 | 208.6 |
| 87.5° | 123.1 | 115.5 | 123.1 | 131.1 | 138.9 | 142.1 | 144.9 | 133.1 | 121.4 | 107.1 | 93.1 |
| 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: P966113
 CATALOG NUMBER: NAV-SB4B-730-U-SLL

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 |
| 2.5° | 2992.6 | 3011.1 | 3029.5 | 3047.8 | 3068.7 | 3089.8 | 3113.0 | 3136.4 | 3165.2 | 3191.1 | 3217.9 |
| 5° | 2851.9 | 2881.5 | 2914.1 | 2946.7 | 2983.5 | 3020.5 | 3064.6 | 3108.6 | 3159.2 | 3210.2 | 3264.3 |
| 7.5° | 2766.0 | 2802.1 | 2843.2 | 2884.2 | 2932.9 | 2981.5 | 3040.0 | 3098.7 | 3164.0 | 3233.7 | 3309.2 |
| 10° | 2753.6 | 2794.3 | 2838.5 | 2882.7 | 2931.3 | 2980.0 | 3041.8 | 3103.5 | 3173.7 | 3259.7 | 3349.2 |
| 12.5° | 2832.7 | 2874.9 | 2909.5 | 2944.2 | 2976.3 | 3008.7 | 3059.0 | 3109.6 | 3174.9 | 3265.3 | 3366.4 |
| 15° | 2989.6 | 3026.2 | 3035.2 | 3044.1 | 3039.8 | 3035.4 | 3059.5 | 3083.7 | 3136.0 | 3236.1 | 3353.1 |
| 17.5° | 3155.2 | 3184.7 | 3156.6 | 3128.4 | 3075.3 | 3022.3 | 3013.5 | 3004.7 | 3036.9 | 3154.6 | 3295.4 |
| 20° | 3247.1 | 3260.6 | 3201.7 | 3142.8 | 3050.5 | 2958.5 | 2917.0 | 2875.7 | 2884.2 | 3021.3 | 3195.7 |
| 22.5° | 3223.9 | 3215.6 | 3139.0 | 3062.2 | 2956.8 | 2851.8 | 2790.6 | 2729.5 | 2712.8 | 2868.8 | 3078.9 |
| 25° | 3096.9 | 3068.7 | 2993.2 | 2917.7 | 2823.1 | 2728.5 | 2658.0 | 2587.5 | 2542.5 | 2702.4 | 2948.3 |
| 27.5° | 2907.5 | 2876.1 | 2815.6 | 2755.0 | 2677.4 | 2599.7 | 2531.5 | 2463.5 | 2408.8 | 2554.3 | 2829.0 |
| 30° | 2717.7 | 2692.1 | 2641.7 | 2591.5 | 2527.0 | 2462.6 | 2408.3 | 2354.3 | 2311.4 | 2433.7 | 2729.3 |
| 32.5° | 2550.5 | 2522.2 | 2473.9 | 2425.8 | 2374.2 | 2322.8 | 2290.8 | 2258.8 | 2239.6 | 2338.1 | 2643.4 |
| 35° | 2394.1 | 2360.1 | 2312.3 | 2264.6 | 2225.5 | 2186.1 | 2177.3 | 2168.5 | 2176.4 | 2258.5 | 2558.8 |
| 37.5° | 2248.0 | 2206.0 | 2158.3 | 2110.8 | 2082.7 | 2054.4 | 2064.1 | 2073.9 | 2102.8 | 2174.6 | 2459.3 |
| 40° | 2107.2 | 2058.8 | 2012.8 | 1966.9 | 1946.6 | 1926.3 | 1948.2 | 1970.3 | 2014.6 | 2079.7 | 2340.6 |
| 42.5° | 1974.6 | 1922.2 | 1878.5 | 1835.1 | 1818.4 | 1801.8 | 1831.1 | 1860.2 | 1916.1 | 1976.1 | 2209.6 |
| 45° | 1858.8 | 1804.6 | 1763.3 | 1721.9 | 1707.9 | 1693.9 | 1722.3 | 1750.7 | 1804.8 | 1865.7 | 2070.5 |
| 47.5° | 1766.0 | 1712.5 | 1672.1 | 1631.6 | 1618.6 | 1605.4 | 1629.2 | 1653.1 | 1699.7 | 1778.1 | 1960.4 |
| 50° | 1690.0 | 1642.2 | 1604.0 | 1565.9 | 1545.3 | 1524.9 | 1545.9 | 1567.1 | 1621.2 | 1724.4 | 1887.3 |
| 52.5° | 1637.2 | 1592.6 | 1557.7 | 1522.7 | 1492.1 | 1461.2 | 1482.0 | 1503.0 | 1578.6 | 1697.2 | 1839.2 |
| 55° | 1604.6 | 1565.5 | 1527.8 | 1490.1 | 1446.6 | 1402.9 | 1435.8 | 1468.9 | 1582.9 | 1693.2 | 1804.3 |
| 57.5° | 1573.3 | 1534.6 | 1490.4 | 1446.1 | 1399.1 | 1352.2 | 1400.4 | 1448.5 | 1587.2 | 1684.5 | 1762.9 |
| 60° | 1527.7 | 1488.4 | 1437.6 | 1386.7 | 1345.6 | 1304.4 | 1366.9 | 1429.3 | 1573.8 | 1637.9 | 1699.7 |
| 62.5° | 1463.7 | 1421.8 | 1362.4 | 1303.2 | 1277.0 | 1250.9 | 1328.8 | 1406.9 | 1541.0 | 1548.9 | 1589.7 |
| 65° | 1381.0 | 1340.9 | 1277.3 | 1213.8 | 1203.8 | 1193.7 | 1276.7 | 1359.8 | 1461.9 | 1460.9 | 1480.3 |
| 67.5° | 1286.5 | 1248.4 | 1189.7 | 1131.1 | 1134.3 | 1137.4 | 1206.5 | 1275.6 | 1333.0 | 1335.7 | 1324.9 |
| 70° | 1184.6 | 1151.8 | 1100.2 | 1048.6 | 1059.5 | 1070.5 | 1119.6 | 1168.8 | 1187.7 | 1187.7 | 1137.6 |
| 72.5° | 1061.3 | 1031.6 | 991.1 | 950.5 | 966.4 | 982.5 | 1016.2 | 1049.8 | 1049.6 | 1037.7 | 966.8 |
| 75° | 919.3 | 892.5 | 862.3 | 832.1 | 847.6 | 862.9 | 889.0 | 914.8 | 919.4 | 864.5 | 784.9 |
| 77.5° | 779.0 | 755.8 | 731.4 | 706.8 | 722.4 | 738.0 | 758.8 | 779.6 | 782.1 | 691.5 | 614.2 |
| 80° | 624.5 | 605.1 | 584.8 | 564.4 | 577.5 | 590.5 | 608.0 | 625.4 | 625.8 | 517.5 | 452.2 |
| 82.5° | 414.2 | 421.1 | 422.7 | 424.5 | 433.7 | 442.9 | 451.4 | 460.0 | 454.9 | 362.4 | 314.3 |
| 85° | 227.4 | 246.3 | 255.1 | 263.9 | 274.3 | 284.6 | 293.8 | 302.9 | 296.1 | 227.4 | 192.2 |
| 87.5° | 107.5 | 121.9 | 122.2 | 122.6 | 124.5 | 126.5 | 130.2 | 133.8 | 125.3 | 96.7 | 82.2 |
| 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: P966113
 CATALOG NUMBER: NAV-SB4B-730-U-SLL

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|---------|---------|
| 0° | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 | 3169.5 |
| 2.5° | 3244.6 | 3272.6 | 3300.6 | 3328.3 | 3356.2 | 3382.3 | 3408.4 |
| 5° | 3318.4 | 3376.4 | 3434.4 | 3491.9 | 3549.6 | 3607.3 | 3665.1 |
| 7.5° | 3384.8 | 3470.4 | 3556.2 | 3644.3 | 3732.3 | 3827.6 | 3922.9 |
| 10° | 3438.5 | 3542.7 | 3646.8 | 3763.1 | 3879.5 | 4000.1 | 4120.5 |
| 12.5° | 3467.5 | 3590.3 | 3713.1 | 3845.0 | 3976.8 | 4109.1 | 4241.6 |
| 15° | 3470.1 | 3611.6 | 3753.0 | 3896.0 | 4039.0 | 4177.1 | 4315.1 |
| 17.5° | 3436.0 | 3600.2 | 3764.4 | 3920.5 | 4076.5 | 4216.5 | 4356.5 |
| 20° | 3370.1 | 3569.2 | 3768.1 | 3939.6 | 4111.1 | 4256.6 | 4402.1 |
| 22.5° | 3288.9 | 3530.9 | 3772.9 | 3965.3 | 4157.6 | 4306.3 | 4455.0 |
| 25° | 3194.4 | 3493.2 | 3792.2 | 4012.1 | 4231.8 | 4377.4 | 4523.1 |
| 27.5° | 3103.8 | 3468.1 | 3832.3 | 4085.0 | 4337.6 | 4476.7 | 4615.6 |
| 30° | 3025.0 | 3456.2 | 3887.3 | 4179.5 | 4471.8 | 4605.9 | 4740.2 |
| 32.5° | 2948.3 | 3441.6 | 3934.7 | 4278.1 | 4621.6 | 4754.5 | 4887.4 |
| 35° | 2859.0 | 3414.2 | 3969.5 | 4390.6 | 4811.6 | 4939.0 | 5066.2 |
| 37.5° | 2744.0 | 3367.1 | 3990.1 | 4516.5 | 5042.7 | 5205.0 | 5367.2 |
| 40° | 2601.4 | 3302.2 | 4003.1 | 4676.3 | 5349.2 | 5585.6 | 5822.0 |
| 42.5° | 2443.1 | 3235.4 | 4027.8 | 4885.3 | 5742.8 | 6084.0 | 6425.3 |
| 45° | 2275.3 | 3173.2 | 4071.3 | 5160.4 | 6249.5 | 6709.9 | 7170.2 |
| 47.5° | 2142.8 | 3121.9 | 4101.1 | 5453.5 | 6805.9 | 7453.9 | 8101.8 |
| 50° | 2050.3 | 3066.0 | 4081.7 | 5725.4 | 7369.3 | 8346.2 | 9322.9 |
| 52.5° | 1981.2 | 2971.5 | 3961.8 | 5902.1 | 7842.2 | 9283.4 | 10724.6 |
| 55° | 1915.3 | 2814.9 | 3714.3 | 5863.1 | 8011.8 | 10114.3 | 12216.9 |
| 57.5° | 1841.3 | 2594.0 | 3346.4 | 5589.2 | 7832.2 | 10703.2 | 13574.2 |
| 60° | 1761.4 | 2307.2 | 2853.0 | 5079.5 | 7306.1 | 10850.3 | 14394.5 |
| 62.5° | 1630.7 | 1963.9 | 2297.2 | 4390.3 | 6483.4 | 10230.7 | 13977.9 |
| 65° | 1499.6 | 1655.2 | 1810.7 | 3687.1 | 5563.6 | 9353.9 | 13144.3 |
| 67.5° | 1314.2 | 1358.4 | 1402.5 | 2998.2 | 4593.8 | 8310.5 | 12027.1 |
| 70° | 1087.5 | 1075.0 | 1062.4 | 2360.7 | 3658.9 | 7172.0 | 10685.1 |
| 72.5° | 895.7 | 857.5 | 819.5 | 1804.7 | 2790.0 | 5937.8 | 9085.7 |
| 75° | 705.4 | 670.9 | 636.3 | 1309.8 | 1983.4 | 4523.0 | 7062.6 |
| 77.5° | 537.0 | 513.3 | 489.8 | 887.5 | 1285.2 | 3165.7 | 5046.1 |
| 80° | 386.7 | 377.0 | 367.3 | 571.8 | 776.5 | 2039.5 | 3302.7 |
| 82.5° | 266.1 | 264.1 | 262.5 | 351.8 | 441.3 | 1180.5 | 1919.8 |
| 85° | 156.9 | 157.8 | 158.7 | 188.0 | 217.5 | 530.9 | 844.7 |
| 87.5° | 67.9 | 68.7 | 69.6 | 78.0 | 86.3 | 173.9 | 261.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)