

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: P969802

Luminaire Tested: **NAV-SB6A-730-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P969802
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-SB6A-730-U-SLL
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 27781.6 lumens
Efficiency: N/A
Efficacy: 162.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

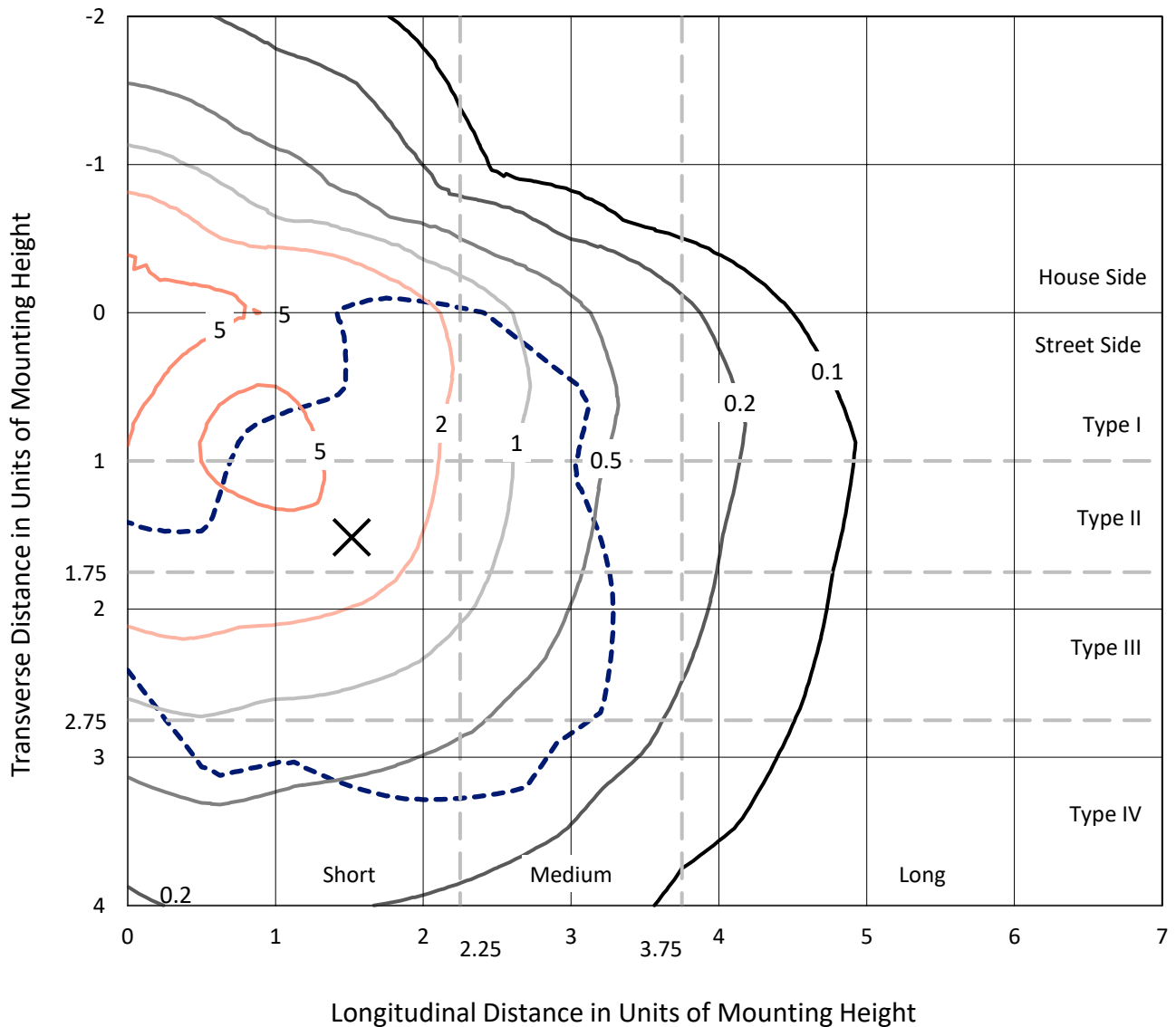
Input Watts (W): 170.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

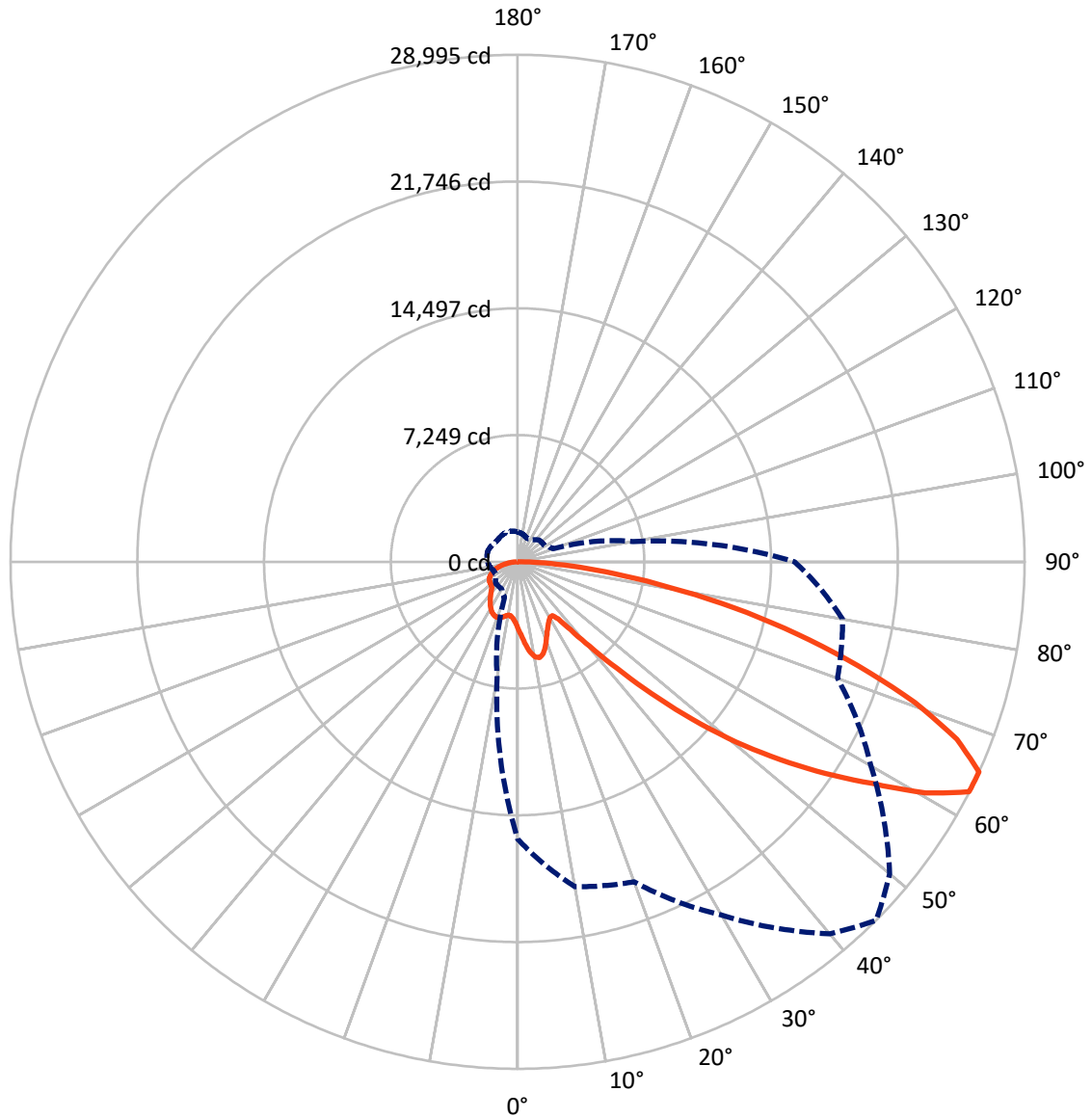
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.5 fc
 Type IV - Short - N/A

REPORT NUMBER: P969802
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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	7060.7	0.0	7060.7
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	20720.9	0.0	20720.9
	% Fixture	74.6	0.0	74.6
Total	Lumens	27781.6	0.0	27781.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	379.0	1.4
10°-20°	1189.6	4.3
20°-30°	1837.6	6.6
30°-40°	2328.7	8.4
40°-50°	3512.2	12.6
50°-60°	5674.5	20.4
60°-70°	7074.2	25.5
70°-80°	4638.9	16.7
80°-90°	1146.9	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°	27781.6	100.0
0°-180°	27781.6	100.0

Coefficient of Utilization

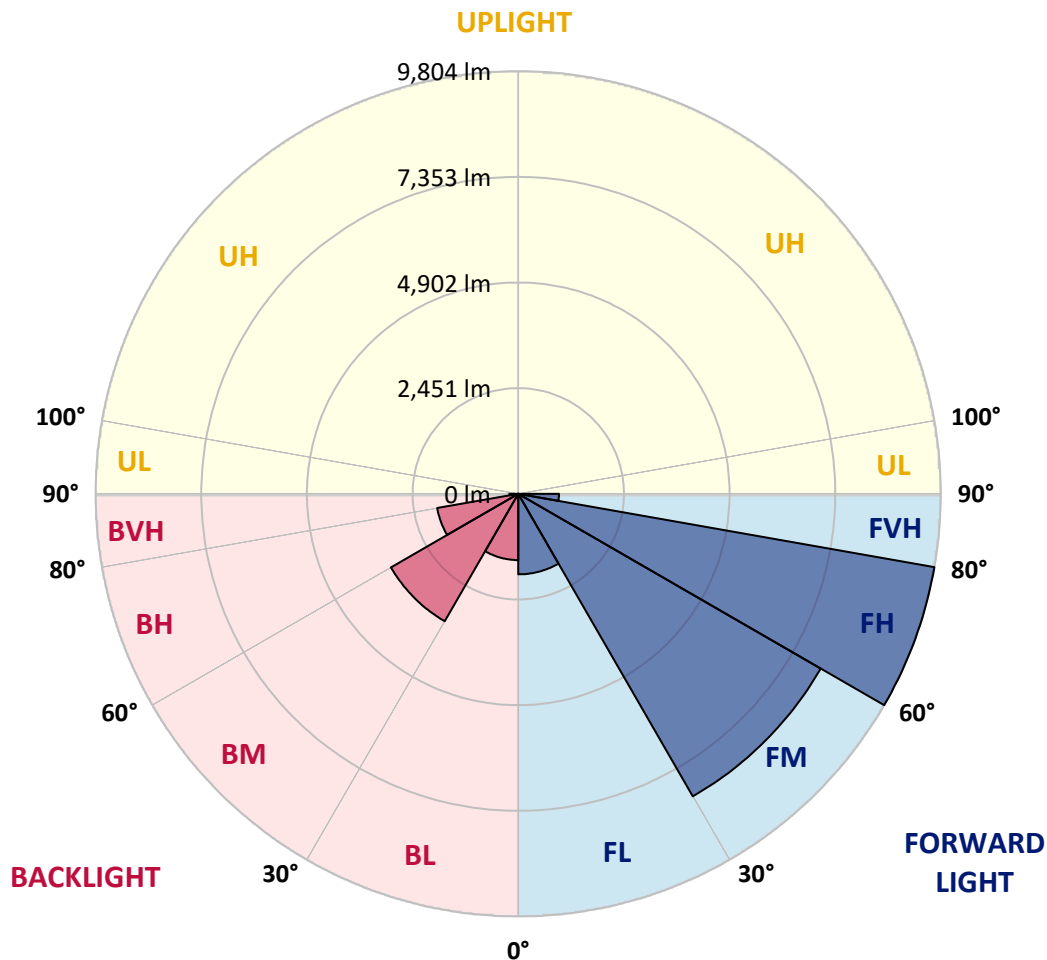


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1868.6	6.7			
FM (30°-60°)	8103.3	29.2			
FH (60°-80°)	9804.2	35.3			G4/12000
FVH (80°-90°)	944.8	3.4			G5
BL (0°-30°)	1537.5	5.5	B3/2500		
BM (30°-60°)	3412.2	12.3	B3/5000		
BH (60°-80°)	1908.9	6.9	B3/2500		G3/2500
BVH (80°-90°)	202.1	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: P969802
 CATALOG NUMBER: NAV-SB6A-730-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2
2.5°	4108.3	4123.8	4139.5	4161.6	4183.7	4197.0	4210.2	4216.7	4223.3	4220.4	4223.3
5°	4417.5	4472.0	4526.5	4580.4	4634.5	4663.9	4693.2	4710.9	4728.8	4742.3	4728.8
7.5°	4728.3	4816.9	4905.2	4984.9	5064.5	5112.4	5160.4	5186.3	5212.1	5224.5	5212.1
10°	4966.5	5071.2	5175.9	5269.3	5362.7	5419.3	5475.5	5500.8	5525.8	5535.3	5525.8
12.5°	5112.4	5225.9	5339.2	5423.7	5507.7	5548.8	5589.8	5603.7	5617.4	5618.9	5617.4
15°	5201.2	5299.0	5396.8	5449.7	5502.8	5504.2	5505.7	5491.0	5476.4	5459.2	5476.4
17.5°	5251.0	5317.1	5383.2	5384.2	5385.0	5325.7	5266.3	5211.9	5157.4	5119.1	5157.4
20°	5305.9	5329.0	5352.1	5282.4	5212.8	5081.7	4950.8	4855.3	4759.9	4701.3	4759.9
22.5°	5369.7	5339.5	5309.3	5165.1	5020.8	4828.1	4635.3	4515.9	4396.6	4331.9	4396.6
25°	5451.8	5356.5	5261.2	5042.2	4823.2	4589.1	4355.0	4229.5	4104.3	4043.0	4104.3
27.5°	5563.2	5392.8	5222.4	4932.3	4642.3	4382.8	4123.4	4000.0	3876.7	3818.7	3876.7
30°	5713.5	5459.5	5205.5	4848.5	4491.3	4221.0	3950.7	3836.2	3721.7	3667.8	3721.7
32.5°	5890.9	5543.0	5195.2	4791.3	4387.2	4133.2	3879.1	3789.3	3699.2	3660.4	3699.2
35°	6106.3	5680.7	5255.1	4834.0	4413.1	4236.6	4060.3	4039.3	4018.4	4015.1	4018.4
37.5°	6469.2	5968.4	5467.7	5085.0	4702.4	4691.0	4679.5	4775.4	4871.3	4921.1	4871.3
40°	7017.4	6472.8	5928.2	5643.6	5359.1	5560.0	5760.8	5993.9	6227.0	6343.1	6227.0
42.5°	7744.5	7204.1	6663.8	6499.9	6336.0	6774.0	7212.1	7636.0	8060.0	8308.9	8060.0
45°	8642.4	8157.1	7671.5	7599.2	7526.8	8228.6	8930.4	9627.0	10323.8	10746.7	10323.8
47.5°	9765.3	9293.1	8820.7	8806.1	8791.4	9803.8	10815.9	11835.8	12855.4	13454.3	12855.4
50°	11237.1	10653.7	10070.6	10073.1	10075.6	11380.3	12685.0	14031.1	15377.3	16191.2	15377.3
52.5°	12926.6	12220.3	11514.1	11442.8	11371.2	12929.7	14488.1	16153.7	17819.1	18794.7	17819.1
55°	14725.3	14027.4	13329.7	13051.3	12772.9	14507.4	16241.7	18227.4	20213.0	21373.2	20213.0
57.5°	16361.3	15981.3	15601.1	15042.8	14484.6	16235.9	17987.2	20236.3	22485.1	23923.9	22485.1
60°	17350.0	17940.2	18530.5	17837.2	17143.7	18801.2	20458.5	22866.4	25274.3	26829.4	25274.3
62.5°	16847.9	18460.6	20073.3	19995.1	19916.9	21435.1	22953.5	25244.4	27535.3	28972.6	27535.3
65°	15843.0	17356.6	18870.1	19169.7	19469.0	21398.4	23328.1	25549.6	27770.8	28994.6	27770.8
67.5°	14496.6	15936.1	17375.7	17516.1	17656.3	19666.8	21677.0	23908.0	26138.9	27097.7	26138.9
70°	12878.9	14444.7	16010.6	16073.3	16136.2	17934.0	19731.7	21651.6	23571.4	24104.3	23571.4
72.5°	10951.2	12748.0	14545.0	14590.1	14635.1	16041.7	17448.2	18886.1	20323.9	20377.8	20323.9
75°	8512.6	10372.3	12232.0	12399.0	12566.0	13660.3	14754.6	15766.8	16779.0	16507.8	16779.0
77.5°	6082.1	7818.1	9554.2	9793.2	10032.1	10864.0	11695.9	12413.8	13131.8	12665.6	13131.8
80°	3980.7	5441.2	6901.6	7198.6	7495.6	8123.8	8751.9	9129.0	9505.8	8756.0	9505.8
82.5°	2313.9	3312.4	4311.0	4642.7	4974.6	5407.1	5839.5	5996.9	6154.0	5564.6	6154.0
85°	1018.1	1548.1	2078.0	2360.2	2642.3	2997.7	3352.9	3442.2	3531.4	3059.4	3531.4
87.5°	315.2	493.3	671.4	828.8	986.3	1164.0	1341.6	1349.2	1356.7	1139.0	1356.7
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: P969802
 CATALOG NUMBER: NAV-SB6A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2
2.5°	4216.7	4210.2	4197.0	4183.7	4161.6	4139.5	4123.8	4108.3	4076.7	4045.3	4011.6
5°	4710.9	4693.2	4663.9	4634.5	4580.4	4526.5	4472.0	4417.5	4347.9	4278.3	4208.9
7.5°	5186.3	5160.4	5112.4	5064.5	4984.9	4905.2	4816.9	4728.3	4613.4	4498.6	4392.5
10°	5500.8	5475.5	5419.3	5362.7	5269.3	5175.9	5071.2	4966.5	4821.3	4676.0	4535.7
12.5°	5603.7	5589.8	5548.8	5507.7	5423.7	5339.2	5225.9	5112.4	4952.8	4793.3	4634.4
15°	5491.0	5505.7	5504.2	5502.8	5449.7	5396.8	5299.0	5201.2	5034.7	4868.3	4695.9
17.5°	5211.9	5266.3	5325.7	5385.0	5384.2	5383.2	5317.1	5251.0	5082.3	4913.5	4725.5
20°	4855.3	4950.8	5081.7	5212.8	5282.4	5352.1	5329.0	5305.9	5130.6	4955.2	4748.4
22.5°	4515.9	4635.3	4828.1	5020.8	5165.1	5309.3	5339.5	5369.7	5190.6	5011.2	4779.5
25°	4229.5	4355.0	4589.1	4823.2	5042.2	5261.2	5356.5	5451.8	5276.2	5100.7	4835.8
27.5°	4000.0	4123.4	4382.8	4642.3	4932.3	5222.4	5392.8	5563.2	5395.8	5228.2	4923.8
30°	3836.2	3950.7	4221.0	4491.3	4848.5	5205.5	5459.5	5713.5	5551.6	5390.0	5037.7
32.5°	3789.3	3879.1	4133.2	4387.2	4791.3	5195.2	5543.0	5890.9	5730.6	5570.6	5156.6
35°	4039.3	4060.3	4236.6	4413.1	4834.0	5255.1	5680.7	6106.3	5953.0	5799.6	5292.0
37.5°	4775.4	4679.5	4691.0	4702.4	5085.0	5467.7	5968.4	6469.2	6273.6	6078.0	5443.8
40°	5993.9	5760.8	5560.0	5359.1	5643.6	5928.2	6472.8	7017.4	6732.4	6447.5	5636.4
42.5°	7636.0	7212.1	6774.0	6336.0	6499.9	6663.8	7204.1	7744.5	7333.2	6921.8	5888.3
45°	9627.0	8930.4	8228.6	7526.8	7599.2	7671.5	8157.1	8642.4	8087.6	7532.6	6219.9
47.5°	11835.8	10815.9	9803.8	8791.4	8806.1	8820.7	9293.1	9765.3	8984.4	8203.4	6573.2
50°	14031.1	12685.0	11380.3	10075.6	10073.1	10070.6	10653.7	11237.1	10059.8	8882.3	6901.0
52.5°	16153.7	14488.1	12929.7	11371.2	11442.8	11514.1	12220.3	12926.6	11189.4	9452.3	7113.8
55°	18227.4	16241.7	14507.4	12772.9	13051.3	13329.7	14027.4	14725.3	12190.9	9656.8	7067.0
57.5°	20236.3	17987.2	16235.9	14484.6	15042.8	15601.1	15981.3	16361.3	12900.8	9440.2	6736.8
60°	22866.4	20458.5	18801.2	17143.7	17837.2	18530.5	17940.2	17350.0	13078.2	8806.1	6122.4
62.5°	25244.4	22953.5	21435.1	19916.9	19995.1	20073.3	18460.6	16847.9	12331.3	7814.6	5291.7
65°	25549.6	23328.1	21398.4	19469.0	19169.7	18870.1	17356.6	15843.0	11274.5	6705.9	4444.1
67.5°	23908.0	21677.0	19666.8	17656.3	17516.1	17375.7	15936.1	14496.6	10016.8	5537.2	3613.8
70°	21651.6	19731.7	17934.0	16136.2	16073.3	16010.6	14444.7	12878.9	8644.5	4410.3	2845.4
72.5°	18886.1	17448.2	16041.7	14635.1	14590.1	14545.0	12748.0	10951.2	7157.0	3362.8	2175.3
75°	15766.8	14754.6	13660.3	12566.0	12399.0	12232.0	10372.3	8512.6	5451.7	2390.6	1578.8
77.5°	12413.8	11695.9	10864.0	10032.1	9793.2	9554.2	7818.1	6082.1	3815.7	1549.2	1069.8
80°	9129.0	8751.9	8123.8	7495.6	7198.6	6901.6	5441.2	3980.7	2458.4	936.0	689.3
82.5°	5996.9	5839.5	5407.1	4974.6	4642.7	4311.0	3312.4	2313.9	1422.8	531.9	423.9
85°	3442.2	3352.9	2997.7	2642.3	2360.2	2078.0	1548.1	1018.1	640.0	262.1	226.6
87.5°	1349.2	1341.6	1164.0	986.3	828.8	671.4	493.3	315.2	209.6	104.0	94.0
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: P969802
 CATALOG NUMBER: NAV-SB6A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2
2.5°	3978.2	3944.5	3910.8	3878.6	3846.3	3815.0	3780.3	3752.2	3724.2	3698.8	3673.6
5°	4139.5	4069.6	3999.8	3934.6	3869.3	3807.8	3746.9	3693.9	3640.6	3596.1	3551.6
7.5°	4286.3	4183.0	4079.7	3988.7	3897.6	3813.6	3734.9	3664.3	3593.8	3535.1	3476.5
10°	4395.6	4270.2	4144.5	4036.9	3929.0	3825.3	3740.7	3666.3	3591.8	3533.2	3474.5
12.5°	4475.5	4327.4	4179.3	4057.6	3935.7	3826.8	3748.1	3687.1	3626.4	3587.4	3548.8
15°	4523.5	4353.1	4182.6	4041.6	3900.5	3779.9	3716.9	3687.6	3658.6	3664.0	3669.2
17.5°	4537.4	4339.4	4141.5	3972.0	3802.3	3660.4	3621.5	3632.3	3642.8	3706.7	3770.7
20°	4541.8	4301.9	4062.1	3851.8	3641.6	3476.5	3466.1	3516.1	3565.9	3676.9	3788.0
22.5°	4547.6	4255.9	3964.2	3711.0	3457.8	3269.7	3289.8	3363.5	3437.3	3563.9	3690.9
25°	4570.8	4210.4	3850.3	3553.7	3257.2	3064.5	3118.8	3203.7	3288.8	3402.7	3516.8
27.5°	4619.2	4180.1	3741.0	3409.9	3078.8	2903.3	2969.2	3051.3	3133.4	3227.1	3320.6
30°	4685.4	4165.9	3646.0	3289.7	2933.3	2786.0	2837.7	2902.8	2968.2	3045.9	3123.6
32.5°	4742.6	4148.3	3553.7	3186.0	2818.2	2699.5	2722.5	2761.0	2799.6	2861.6	2923.8
35°	4784.5	4115.2	3446.2	3084.1	2722.2	2623.3	2613.8	2624.3	2635.0	2682.3	2729.6
37.5°	4809.4	4058.4	3307.5	2964.3	2621.1	2534.6	2499.7	2488.0	2476.2	2510.2	2544.2
40°	4825.1	3980.3	3135.6	2821.2	2506.7	2428.3	2374.8	2348.3	2321.7	2346.2	2370.7
42.5°	4854.9	3899.6	2944.7	2663.3	2381.8	2309.5	2242.2	2206.9	2171.8	2191.8	2211.7
45°	4907.2	3824.8	2742.5	2495.6	2248.7	2175.5	2110.2	2075.9	2041.7	2058.5	2075.4
47.5°	4943.1	3762.9	2582.7	2362.9	2143.2	2048.7	1992.5	1963.8	1935.0	1950.9	1966.6
50°	4919.7	3695.4	2471.3	2274.8	2078.4	1954.1	1888.9	1863.3	1838.0	1862.6	1887.3
52.5°	4775.3	3581.6	2388.0	2216.8	2045.7	1902.8	1811.6	1786.4	1761.4	1798.4	1835.4
55°	4477.0	3392.7	2308.5	2174.7	2040.9	1907.9	1770.6	1730.7	1690.9	1743.5	1796.0
57.5°	4033.5	3126.6	2219.4	2124.8	2030.3	1913.1	1745.9	1687.9	1629.9	1686.4	1743.0
60°	3438.8	2780.8	2123.0	2048.7	1974.4	1896.9	1722.7	1647.6	1572.2	1621.9	1671.5
62.5°	2768.8	2367.1	1965.5	1916.1	1866.8	1857.3	1695.8	1601.7	1507.7	1539.2	1570.7
65°	2182.4	1995.0	1807.5	1784.2	1760.8	1762.1	1638.9	1538.9	1438.8	1451.0	1463.0
67.5°	1690.5	1637.3	1583.9	1596.9	1609.9	1606.7	1537.5	1454.2	1370.9	1367.1	1363.4
70°	1280.5	1295.7	1310.9	1371.2	1431.5	1431.5	1408.8	1349.5	1290.3	1277.1	1263.9
72.5°	987.8	1033.6	1079.6	1165.2	1250.7	1265.1	1265.4	1224.8	1184.2	1164.8	1145.6
75°	767.0	808.6	850.2	946.1	1042.0	1108.2	1102.7	1071.4	1040.1	1021.6	1003.0
77.5°	590.5	618.8	647.2	740.3	833.4	942.6	939.6	914.6	889.5	870.7	852.0
80°	442.7	454.5	466.2	545.0	623.7	754.2	753.8	732.8	711.7	696.0	680.2
82.5°	316.3	318.4	320.7	378.8	436.9	548.3	554.4	544.2	533.9	522.8	511.6
85°	191.3	190.2	189.1	231.6	274.1	356.9	365.0	354.0	343.1	330.6	318.1
87.5°	83.8	82.8	81.8	99.1	116.5	151.0	161.2	156.8	152.4	150.1	147.8
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: P969802
 CATALOG NUMBER: NAV-SB6A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2
2.5°	3651.5	3629.3	3607.1	3584.9	3567.8	3550.5	3536.6	3522.6	3511.8	3500.9	3490.9
5°	3512.4	3473.1	3437.4	3401.7	3374.3	3346.7	3327.6	3308.3	3294.7	3281.0	3270.7
7.5°	3427.1	3377.5	3333.8	3290.2	3257.6	3225.1	3202.2	3179.3	3163.7	3148.1	3138.7
10°	3421.3	3367.9	3318.8	3269.7	3230.8	3191.6	3166.1	3140.3	3125.5	3110.7	3102.8
12.5°	3506.8	3465.1	3414.3	3363.5	3313.7	3263.9	3230.9	3197.9	3181.4	3164.9	3158.2
15°	3658.3	3647.6	3603.4	3559.3	3488.3	3417.4	3367.2	3317.1	3294.0	3271.2	3262.5
17.5°	3804.7	3838.5	3803.0	3767.4	3673.5	3579.5	3505.6	3431.7	3397.8	3363.5	3352.5
20°	3859.0	3930.2	3913.8	3897.2	3789.7	3682.4	3591.8	3501.4	3457.8	3414.2	3400.2
22.5°	3783.4	3875.9	3885.9	3895.7	3793.1	3690.5	3597.2	3503.9	3457.9	3411.9	3396.5
25°	3607.8	3698.8	3732.8	3766.7	3682.5	3598.6	3515.5	3432.9	3393.1	3353.3	3338.8
27.5°	3393.7	3466.7	3504.5	3542.4	3482.4	3422.7	3358.3	3293.9	3267.3	3240.4	3233.9
30°	3184.2	3244.8	3275.6	3306.4	3260.8	3215.1	3169.1	3122.8	3109.1	3095.3	3095.3
32.5°	2981.8	3040.0	3074.2	3108.5	3066.6	3024.5	2987.7	2950.9	2942.0	2933.0	2934.2
35°	2787.0	2844.7	2885.7	2926.7	2896.9	2867.0	2833.1	2799.2	2785.5	2772.1	2769.1
37.5°	2601.4	2658.8	2709.6	2760.3	2746.6	2732.8	2701.6	2670.2	2645.4	2620.8	2607.7
40°	2426.1	2481.5	2539.8	2598.4	2601.8	2604.9	2578.4	2551.8	2515.9	2480.1	2455.7
42.5°	2264.2	2316.9	2379.9	2443.0	2459.8	2476.7	2454.3	2432.0	2387.2	2342.5	2307.3
45°	2125.3	2175.2	2240.5	2305.9	2330.1	2354.3	2334.0	2313.9	2262.8	2211.7	2170.3
47.5°	2015.4	2064.0	2128.5	2193.0	2220.9	2248.7	2234.7	2220.6	2175.2	2129.7	2091.3
50°	1933.5	1979.3	2037.1	2094.8	2130.6	2166.3	2165.5	2164.9	2128.5	2092.1	2056.7
52.5°	1877.6	1919.6	1973.4	2027.3	2069.8	2112.1	2119.7	2127.4	2097.8	2068.1	2036.4
55°	1841.5	1886.9	1934.2	1981.2	2026.0	2071.0	2081.6	2092.1	2066.4	2040.6	2012.7
57.5°	1796.3	1849.7	1896.4	1943.1	1988.4	2033.5	2044.3	2054.9	2028.9	2002.7	1975.2
60°	1732.8	1794.0	1841.3	1888.9	1934.3	1979.7	1991.5	2003.2	1977.6	1952.3	1923.9
62.5°	1642.2	1713.7	1764.2	1814.9	1856.5	1898.1	1909.4	1920.6	1897.7	1874.6	1844.7
65°	1539.6	1616.2	1664.6	1713.0	1749.6	1786.3	1797.8	1809.2	1787.1	1764.9	1735.9
67.5°	1434.0	1504.8	1550.6	1596.4	1628.1	1659.7	1671.1	1682.1	1661.7	1641.5	1614.6
70°	1326.0	1388.3	1427.8	1467.4	1496.0	1524.6	1535.4	1546.2	1529.7	1513.1	1487.4
72.5°	1194.5	1243.4	1279.2	1315.0	1343.0	1370.9	1383.9	1396.8	1382.9	1369.2	1344.6
75°	1039.4	1075.7	1108.1	1140.5	1166.0	1191.5	1205.0	1218.5	1211.8	1205.0	1184.3
77.5°	881.6	911.1	938.9	966.8	993.6	1020.3	1032.9	1045.5	1036.1	1026.4	1005.6
80°	704.8	729.3	752.8	776.2	796.6	816.8	833.5	850.2	846.1	842.1	814.2
82.5°	509.5	507.5	499.3	491.1	534.4	577.9	606.3	634.8	632.9	631.1	607.5
85°	307.6	296.8	274.1	251.4	292.0	332.7	368.0	403.1	400.2	397.3	378.8
87.5°	147.3	146.9	129.6	112.1	129.1	146.3	160.5	174.8	171.2	167.4	158.1
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: P969802
 CATALOG NUMBER: NAV-SB6A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2
2.5°	3480.8	3468.4	3480.8	3490.9	3500.9	3511.8	3522.6	3536.6	3550.5	3567.8	3584.9
5°	3260.2	3250.0	3260.2	3270.7	3281.0	3294.7	3308.3	3327.6	3346.7	3374.3	3401.7
7.5°	3129.4	3122.5	3129.4	3138.7	3148.1	3163.7	3179.3	3202.2	3225.1	3257.6	3290.2
10°	3094.9	3091.6	3094.9	3102.8	3110.7	3125.5	3140.3	3166.1	3191.6	3230.8	3269.7
12.5°	3151.5	3150.2	3151.5	3158.2	3164.9	3181.4	3197.9	3230.9	3263.9	3313.7	3363.5
15°	3253.7	3252.9	3253.7	3262.5	3271.2	3294.0	3317.1	3367.2	3417.4	3488.3	3559.3
17.5°	3341.2	3339.3	3341.2	3352.5	3363.5	3397.8	3431.7	3505.6	3579.5	3673.5	3767.4
20°	3386.3	3381.9	3386.3	3400.2	3414.2	3457.8	3501.4	3591.8	3682.4	3789.7	3897.2
22.5°	3381.2	3374.6	3381.2	3396.5	3411.9	3457.9	3503.9	3597.2	3690.5	3793.1	3895.7
25°	3324.4	3316.0	3324.4	3338.8	3353.3	3393.1	3432.9	3515.5	3598.6	3682.5	3766.7
27.5°	3227.2	3225.1	3227.2	3233.9	3240.4	3267.3	3293.9	3358.3	3422.7	3482.4	3542.4
30°	3095.3	3097.5	3095.3	3095.3	3095.3	3109.1	3122.8	3169.1	3215.1	3260.8	3306.4
32.5°	2935.5	2937.8	2935.5	2934.2	2933.0	2942.0	2950.9	2987.7	3024.5	3066.6	3108.5
35°	2766.2	2764.7	2766.2	2769.1	2772.1	2785.5	2799.2	2833.1	2867.0	2896.9	2926.7
37.5°	2594.7	2587.4	2594.7	2607.7	2620.8	2645.4	2670.2	2701.6	2732.8	2746.6	2760.3
40°	2431.7	2417.4	2431.7	2455.7	2480.1	2515.9	2551.8	2578.4	2604.9	2601.8	2598.4
42.5°	2271.9	2248.7	2271.9	2307.3	2342.5	2387.2	2432.0	2454.3	2476.7	2459.8	2443.0
45°	2128.8	2102.2	2128.8	2170.3	2211.7	2262.8	2313.9	2334.0	2354.3	2330.1	2305.9
47.5°	2053.1	2027.3	2053.1	2091.3	2129.7	2175.2	2220.6	2234.7	2248.7	2220.9	2193.0
50°	2021.2	1996.6	2021.2	2056.7	2092.1	2128.5	2164.9	2165.5	2166.3	2130.6	2094.8
52.5°	2004.7	1981.9	2004.7	2036.4	2068.1	2097.8	2127.4	2119.7	2112.1	2069.8	2027.3
55°	1984.9	1964.3	1984.9	2012.7	2040.6	2066.4	2092.1	2081.6	2071.0	2026.0	1981.2
57.5°	1947.5	1926.2	1947.5	1975.2	2002.7	2028.9	2054.9	2044.3	2033.5	1988.4	1943.1
60°	1895.4	1873.5	1895.4	1923.9	1952.3	1977.6	2003.2	1991.5	1979.7	1934.3	1888.9
62.5°	1814.9	1788.4	1814.9	1844.7	1874.6	1897.7	1920.6	1909.4	1898.1	1856.5	1814.9
65°	1707.0	1684.4	1707.0	1735.9	1764.9	1787.1	1809.2	1797.8	1786.3	1749.6	1713.0
67.5°	1587.6	1567.1	1587.6	1614.6	1641.5	1661.7	1682.1	1671.1	1659.7	1628.1	1596.4
70°	1461.5	1438.1	1461.5	1487.4	1513.1	1529.7	1546.2	1535.4	1524.6	1496.0	1467.4
72.5°	1320.1	1297.3	1320.1	1344.6	1369.2	1382.9	1396.8	1383.9	1370.9	1343.0	1315.0
75°	1163.7	1142.0	1163.7	1184.3	1205.0	1211.8	1218.5	1205.0	1191.5	1166.0	1140.5
77.5°	984.8	967.5	984.8	1005.6	1026.4	1036.1	1045.5	1032.9	1020.3	993.6	966.8
80°	786.1	753.5	786.1	814.2	842.1	846.1	850.2	833.5	816.8	796.6	776.2
82.5°	583.7	562.9	583.7	607.5	631.1	632.9	634.8	606.3	577.9	534.4	491.1
85°	360.3	341.5	360.3	378.8	397.3	400.2	403.1	368.0	332.7	292.0	251.4
87.5°	148.3	139.3	148.3	158.1	167.4	171.2	174.8	160.5	146.3	129.1	112.1
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: P969802
 CATALOG NUMBER: NAV-SB6A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2
2.5°	3607.1	3629.3	3651.5	3673.6	3698.8	3724.2	3752.2	3780.3	3815.0	3846.3	3878.6
5°	3437.4	3473.1	3512.4	3551.6	3596.1	3640.6	3693.9	3746.9	3807.8	3869.3	3934.6
7.5°	3333.8	3377.5	3427.1	3476.5	3535.1	3593.8	3664.3	3734.9	3813.6	3897.6	3988.7
10°	3318.8	3367.9	3421.3	3474.5	3533.2	3591.8	3666.3	3740.7	3825.3	3929.0	4036.9
12.5°	3414.3	3465.1	3506.8	3548.8	3587.4	3626.4	3687.1	3748.1	3826.8	3935.7	4057.6
15°	3603.4	3647.6	3658.3	3669.2	3664.0	3658.6	3687.6	3716.9	3779.9	3900.5	4041.6
17.5°	3803.0	3838.5	3804.7	3770.7	3706.7	3642.8	3632.3	3621.5	3660.4	3802.3	3972.0
20°	3913.8	3930.2	3859.0	3788.0	3676.9	3565.9	3516.1	3466.1	3476.5	3641.6	3851.8
22.5°	3885.9	3875.9	3783.4	3690.9	3563.9	3437.3	3363.5	3289.8	3269.7	3457.8	3711.0
25°	3732.8	3698.8	3607.8	3516.8	3402.7	3288.8	3203.7	3118.8	3064.5	3257.2	3553.7
27.5°	3504.5	3466.7	3393.7	3320.6	3227.1	3133.4	3051.3	2969.2	2903.3	3078.8	3409.9
30°	3275.6	3244.8	3184.2	3123.6	3045.9	2968.2	2902.8	2837.7	2786.0	2933.3	3289.7
32.5°	3074.2	3040.0	2981.8	2923.8	2861.6	2799.6	2761.0	2722.5	2699.5	2818.2	3186.0
35°	2885.7	2844.7	2787.0	2729.6	2682.3	2635.0	2624.3	2613.8	2623.3	2722.2	3084.1
37.5°	2709.6	2658.8	2601.4	2544.2	2510.2	2476.2	2488.0	2499.7	2534.6	2621.1	2964.3
40°	2539.8	2481.5	2426.1	2370.7	2346.2	2321.7	2348.3	2374.8	2428.3	2506.7	2821.2
42.5°	2379.9	2316.9	2264.2	2211.7	2191.8	2171.8	2206.9	2242.2	2309.5	2381.8	2663.3
45°	2240.5	2175.2	2125.3	2075.4	2058.5	2041.7	2075.9	2110.2	2175.5	2248.7	2495.6
47.5°	2128.5	2064.0	2015.4	1966.6	1950.9	1935.0	1963.8	1992.5	2048.7	2143.2	2362.9
50°	2037.1	1979.3	1933.5	1887.3	1862.6	1838.0	1863.3	1888.9	1954.1	2078.4	2274.8
52.5°	1973.4	1919.6	1877.6	1835.4	1798.4	1761.4	1786.4	1811.6	1902.8	2045.7	2216.8
55°	1934.2	1886.9	1841.5	1796.0	1743.5	1690.9	1730.7	1770.6	1907.9	2040.9	2174.7
57.5°	1896.4	1849.7	1796.3	1743.0	1686.4	1629.9	1687.9	1745.9	1913.1	2030.3	2124.8
60°	1841.3	1794.0	1732.8	1671.5	1621.9	1572.2	1647.6	1722.7	1896.9	1974.4	2048.7
62.5°	1764.2	1713.7	1642.2	1570.7	1539.2	1507.7	1601.7	1695.8	1857.3	1866.8	1916.1
65°	1664.6	1616.2	1539.6	1463.0	1451.0	1438.8	1538.9	1638.9	1762.1	1760.8	1784.2
67.5°	1550.6	1504.8	1434.0	1363.4	1367.1	1370.9	1454.2	1537.5	1606.7	1609.9	1596.9
70°	1427.8	1388.3	1326.0	1263.9	1277.1	1290.3	1349.5	1408.8	1431.5	1431.5	1371.2
72.5°	1279.2	1243.4	1194.5	1145.6	1164.8	1184.2	1224.8	1265.4	1265.1	1250.7	1165.2
75°	1108.1	1075.7	1039.4	1003.0	1021.6	1040.1	1071.4	1102.7	1108.2	1042.0	946.1
77.5°	938.9	911.1	881.6	852.0	870.7	889.5	914.6	939.6	942.6	833.4	740.3
80°	752.8	729.3	704.8	680.2	696.0	711.7	732.8	753.8	754.2	623.7	545.0
82.5°	499.3	507.5	509.5	511.6	522.8	533.9	544.2	554.4	548.3	436.9	378.8
85°	274.1	296.8	307.6	318.1	330.6	343.1	354.0	365.0	356.9	274.1	231.6
87.5°	129.6	146.9	147.3	147.8	150.1	152.4	156.8	161.2	151.0	116.5	99.1
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: P969802
 CATALOG NUMBER: NAV-SB6A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2	3820.2
2.5°	3910.8	3944.5	3978.2	4011.6	4045.3	4076.7	4108.3
5°	3999.8	4069.6	4139.5	4208.9	4278.3	4347.9	4417.5
7.5°	4079.7	4183.0	4286.3	4392.5	4498.6	4613.4	4728.3
10°	4144.5	4270.2	4395.6	4535.7	4676.0	4821.3	4966.5
12.5°	4179.3	4327.4	4475.5	4634.4	4793.3	4952.8	5112.4
15°	4182.6	4353.1	4523.5	4695.9	4868.3	5034.7	5201.2
17.5°	4141.5	4339.4	4537.4	4725.5	4913.5	5082.3	5251.0
20°	4062.1	4301.9	4541.8	4748.4	4955.2	5130.6	5305.9
22.5°	3964.2	4255.9	4547.6	4779.5	5011.2	5190.6	5369.7
25°	3850.3	4210.4	4570.8	4835.8	5100.7	5276.2	5451.8
27.5°	3741.0	4180.1	4619.2	4923.8	5228.2	5395.8	5563.2
30°	3646.0	4165.9	4685.4	5037.7	5390.0	5551.6	5713.5
32.5°	3553.7	4148.3	4742.6	5156.6	5570.6	5730.6	5890.9
35°	3446.2	4115.2	4784.5	5292.0	5799.6	5953.0	6106.3
37.5°	3307.5	4058.4	4809.4	5443.8	6078.0	6273.6	6469.2
40°	3135.6	3980.3	4825.1	5636.4	6447.5	6732.4	7017.4
42.5°	2944.7	3899.6	4854.9	5888.3	6921.8	7333.2	7744.5
45°	2742.5	3824.8	4907.2	6219.9	7532.6	8087.6	8642.4
47.5°	2582.7	3762.9	4943.1	6573.2	8203.4	8984.4	9765.3
50°	2471.3	3695.4	4919.7	6901.0	8882.3	10059.8	11237.1
52.5°	2388.0	3581.6	4775.3	7113.8	9452.3	11189.4	12926.6
55°	2308.5	3392.7	4477.0	7067.0	9656.8	12190.9	14725.3
57.5°	2219.4	3126.6	4033.5	6736.8	9440.2	12900.8	16361.3
60°	2123.0	2780.8	3438.8	6122.4	8806.1	13078.2	17350.0
62.5°	1965.5	2367.1	2768.8	5291.7	7814.6	12331.3	16847.9
65°	1807.5	1995.0	2182.4	4444.1	6705.9	11274.5	15843.0
67.5°	1583.9	1637.3	1690.5	3613.8	5537.2	10016.8	14496.6
70°	1310.9	1295.7	1280.5	2845.4	4410.3	8644.5	12878.9
72.5°	1079.6	1033.6	987.8	2175.3	3362.8	7157.0	10951.2
75°	850.2	808.6	767.0	1578.8	2390.6	5451.7	8512.6
77.5°	647.2	618.8	590.5	1069.8	1549.2	3815.7	6082.1
80°	466.2	454.5	442.7	689.3	936.0	2458.4	3980.7
82.5°	320.7	318.4	316.3	423.9	531.9	1422.8	2313.9
85°	189.1	190.2	191.3	226.6	262.1	640.0	1018.1
87.5°	81.8	82.8	83.8	94.0	104.0	209.6	315.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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