

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: P970298

Luminaire Tested: **NAV-SB6B-727-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P970298
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-SB6B-727-U-SLL
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 2700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 32348 lumens
Efficiency: N/A
Efficacy: 146.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

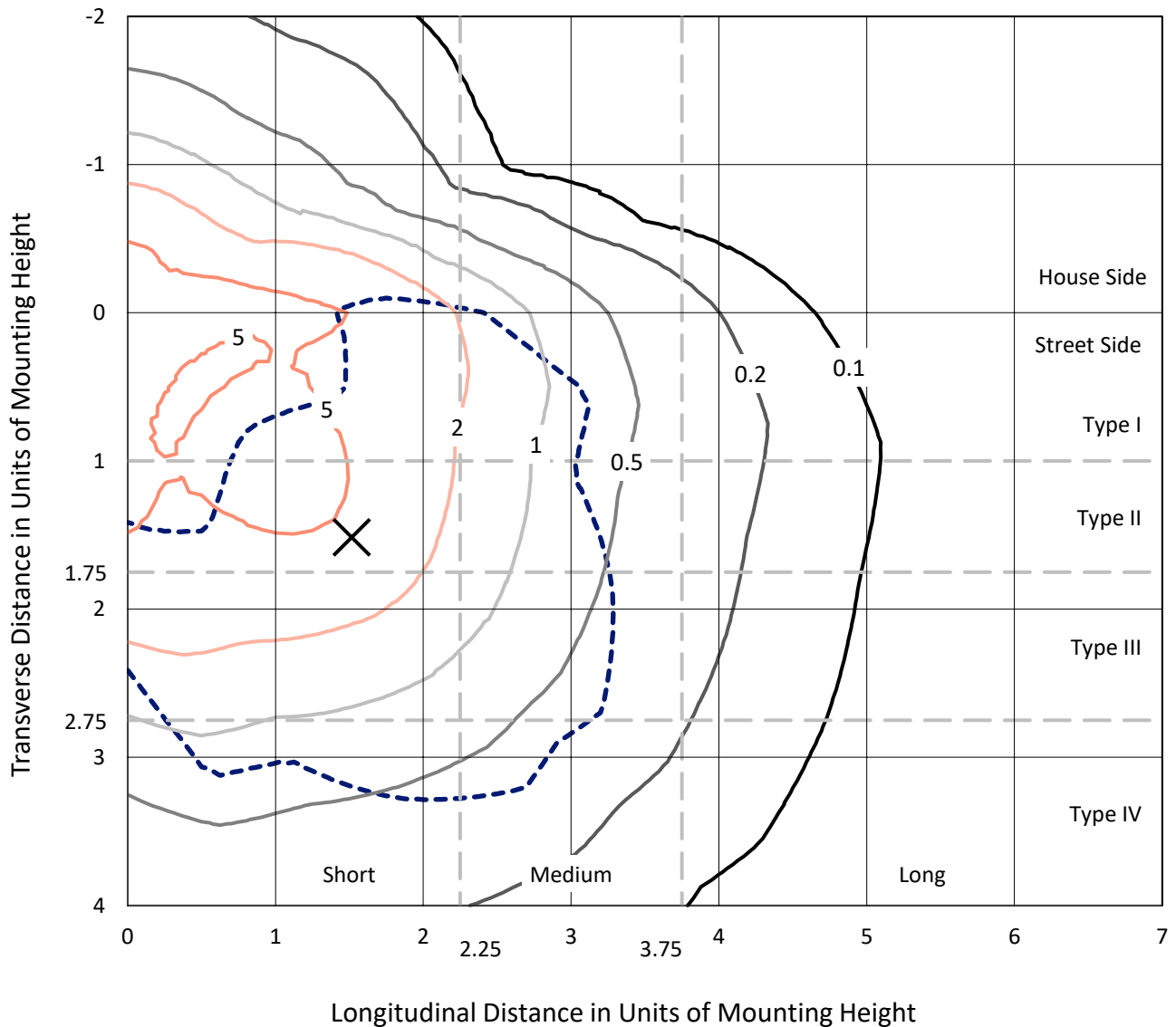
Input Watts (W): 220.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

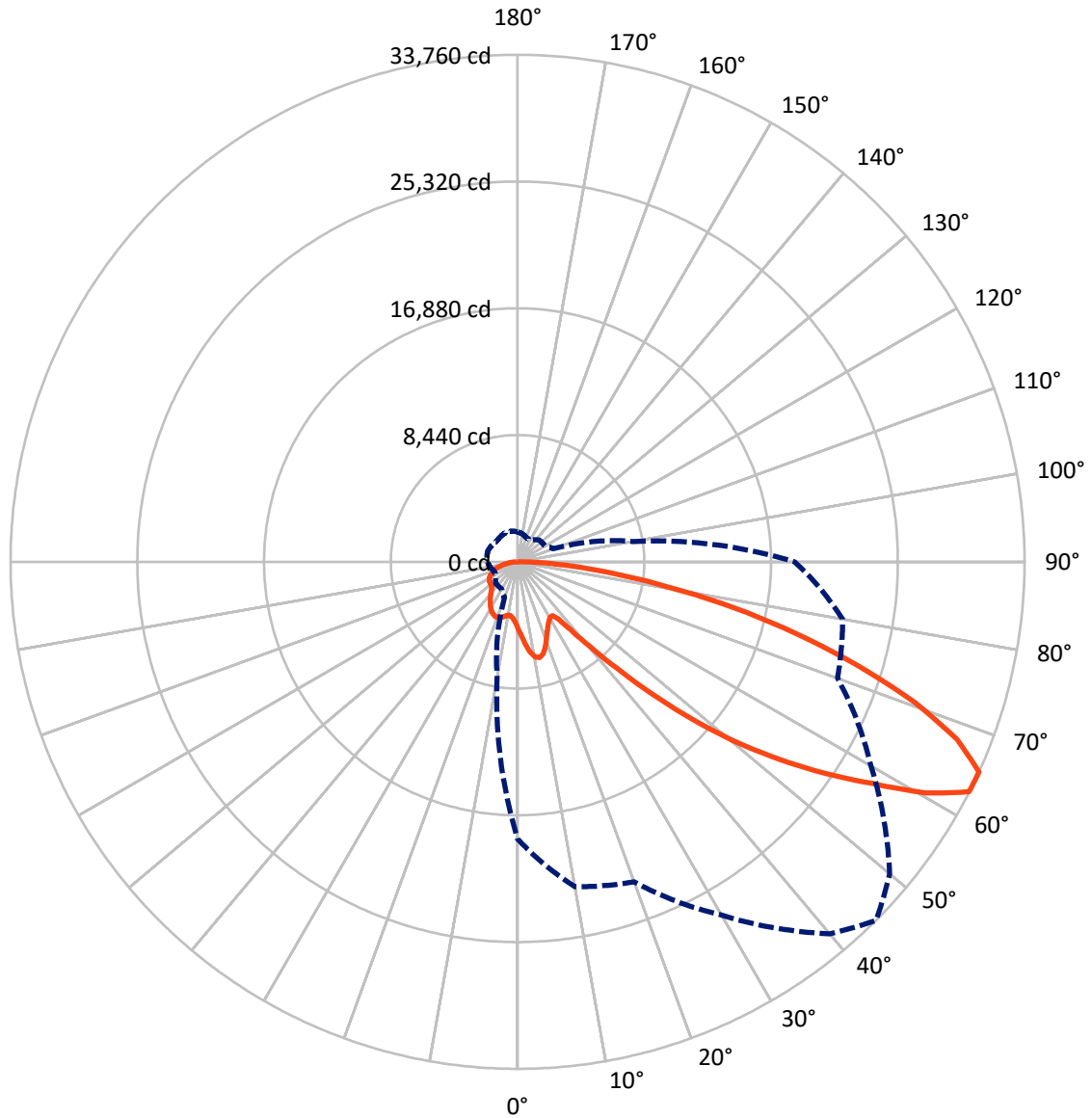
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.8 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	8221.2	0.0	8221.2
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	24126.7	0.0	24126.7
	% Fixture	74.6	0.0	74.6
Total	Lumens	32348.0	0.0	32348.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	441.2	1.4
10°-20°	1385.2	4.3
20°-30°	2139.6	6.6
30°-40°	2711.4	8.4
40°-50°	4089.5	12.6
50°-60°	6607.2	20.4
60°-70°	8237.0	25.5
70°-80°	5401.4	16.7
80°-90°	1335.4	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°	32348.0	100.0
0°-180°	32348.0	100.0

Coefficient of Utilization

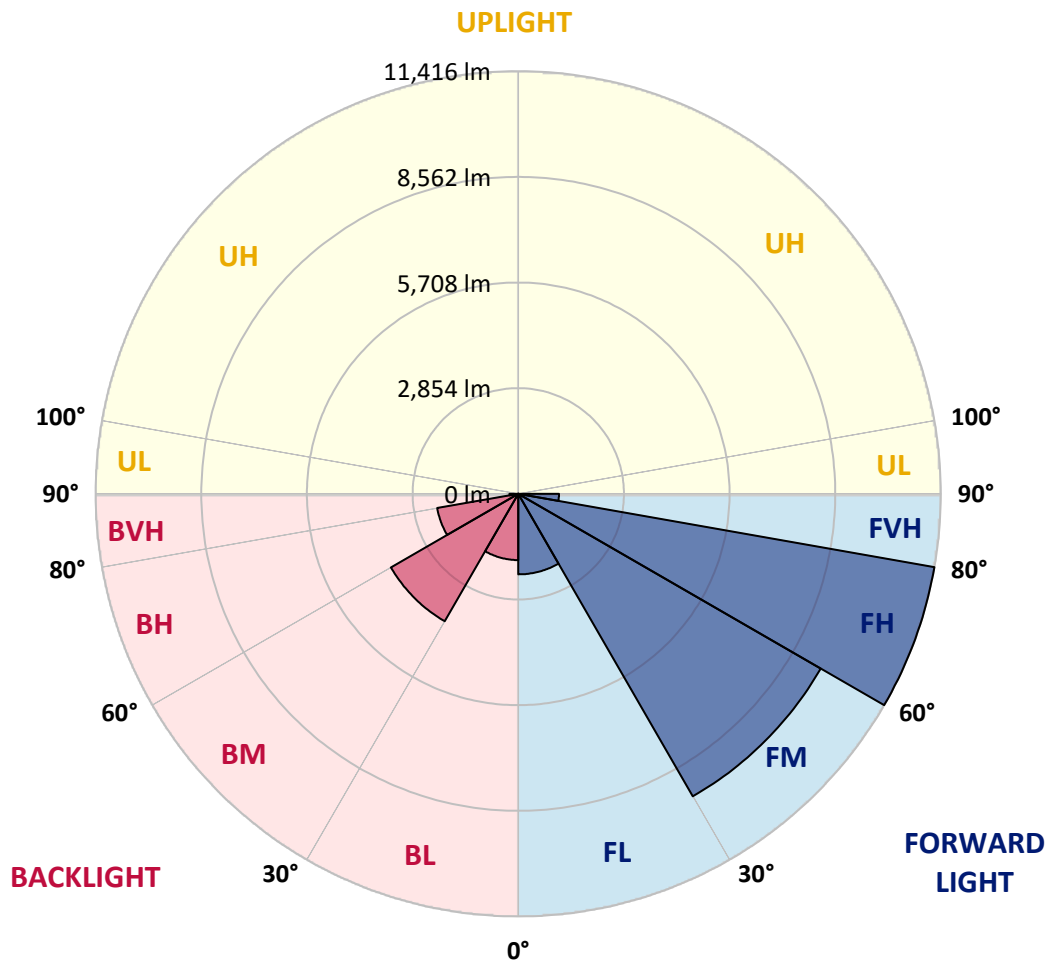


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2175.8	6.7			
FM (30°-60°)	9435.2	29.2			
FH (60°-80°)	11415.7	35.3			G4/12000
FVH (80°-90°)	1100.0	3.4			G5
BL (0°-30°)	1790.3	5.5	B3/2500		
BM (30°-60°)	3973.0	12.3	B3/5000		
BH (60°-80°)	2222.6	6.9	B3/2500		G3/2500
BVH (80°-90°)	235.3	0.7			G3/500
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°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1
2.5°	4783.6	4801.6	4819.9	4845.7	4871.4	4886.8	4902.2	4909.9	4917.5	4914.1	4917.5
5°	5143.7	5207.0	5270.5	5333.3	5396.3	5430.4	5464.6	5485.2	5506.1	5521.8	5506.1
7.5°	5505.6	5608.6	5711.6	5804.3	5896.9	5952.7	6008.5	6038.8	6068.8	6083.3	6068.8
10°	5782.9	5904.8	6026.7	6135.3	6244.1	6310.0	6375.5	6404.9	6434.0	6445.2	6434.0
12.5°	5952.7	6084.8	6216.8	6315.1	6413.1	6460.9	6508.6	6524.7	6540.7	6542.5	6540.7
15°	6056.0	6170.0	6283.9	6345.5	6407.3	6409.0	6410.7	6393.6	6376.5	6356.4	6376.5
17.5°	6114.0	6191.0	6268.0	6269.2	6270.2	6201.0	6132.0	6068.6	6005.2	5960.4	6005.2
20°	6178.1	6204.8	6231.8	6150.7	6069.6	5917.0	5764.5	5653.4	5542.3	5473.9	5542.3
22.5°	6252.3	6217.1	6182.0	6014.0	5846.1	5621.6	5397.1	5258.2	5119.3	5043.8	5119.3
25°	6347.9	6236.9	6126.0	5871.0	5616.0	5343.4	5070.8	4924.7	4779.0	4707.6	4779.0
27.5°	6477.6	6279.3	6080.7	5743.0	5405.3	5103.3	4801.1	4657.4	4513.8	4446.4	4513.8
30°	6652.6	6356.7	6061.1	5645.3	5229.5	4914.8	4600.0	4466.7	4333.4	4270.6	4333.4
32.5°	6859.1	6454.0	6049.1	5578.8	5108.4	4812.6	4516.8	4412.1	4307.4	4262.1	4307.4
35°	7110.0	6614.3	6118.8	5628.6	5138.5	4933.0	4727.7	4703.3	4678.9	4675.1	4678.9
37.5°	7532.4	6949.4	6366.3	5920.8	5475.3	5462.0	5448.7	5560.3	5671.9	5730.0	5671.9
40°	8170.8	7536.7	6902.7	6571.3	6240.0	6473.8	6707.7	6979.1	7250.4	7385.6	7250.4
42.5°	9017.4	8388.3	7759.1	7568.3	7377.4	7887.5	8397.5	8891.2	9384.8	9674.6	9384.8
45°	10062.9	9497.8	8932.5	8848.3	8764.0	9581.1	10398.3	11209.4	12020.7	12513.1	12020.7
47.5°	11370.3	10820.6	10270.6	10253.6	10236.5	11415.2	12593.7	13781.1	14968.5	15665.7	14968.5
50°	13084.1	12405.0	11725.9	11728.8	11731.7	13250.8	14769.9	16337.4	17904.8	18852.5	17904.8
52.5°	15051.3	14228.8	13406.7	13323.6	13240.2	15054.8	16869.4	18808.8	20747.9	21883.9	20747.9
55°	17145.6	16333.2	15520.7	15196.5	14872.3	16892.0	18911.4	21223.3	23535.3	24886.3	23535.3
57.5°	19050.4	18608.1	18165.5	17515.3	16865.4	18904.5	20943.7	23562.4	26181.0	27856.2	26181.0
60°	20201.7	20889.0	21576.4	20769.0	19961.6	21891.4	23821.2	26624.9	29428.7	31239.3	29428.7
62.5°	19617.2	21494.9	23372.7	23281.6	23190.5	24958.3	26726.3	29393.8	32061.2	33734.7	32061.2
65°	18447.1	20209.4	21971.8	22320.5	22669.0	24915.6	27162.4	29749.0	32335.5	33760.3	32335.5
67.5°	16879.3	18555.5	20231.7	20395.1	20558.5	22899.3	25239.9	27837.7	30435.3	31551.7	30435.3
70°	14995.7	16818.9	18642.2	18715.3	18788.5	20881.8	22975.0	25210.4	27445.7	28066.2	27445.7
72.5°	12751.2	14843.3	16935.7	16988.2	17040.6	18678.4	20316.1	21990.4	23664.5	23727.3	23664.5
75°	9911.9	12077.2	14242.6	14436.9	14631.4	15905.5	17179.7	18358.4	19536.9	19221.1	19536.9
77.5°	7081.8	9103.1	11124.5	11402.8	11681.0	12649.6	13618.4	14454.1	15290.2	14747.4	15290.2
80°	4635.0	6335.6	8036.0	8381.8	8727.6	9459.2	10190.4	10629.5	11068.3	10195.2	11068.3
82.5°	2694.3	3856.9	5019.6	5405.8	5792.3	6295.9	6799.3	6982.5	7165.5	6479.3	7165.5
85°	1185.4	1802.5	2419.5	2748.0	3076.6	3490.4	3904.0	4008.0	4111.9	3562.3	4111.9
87.5°	367.0	574.4	781.8	965.0	1148.4	1355.3	1562.1	1571.0	1579.7	1326.2	1579.7
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1
2.5°	4909.9	4902.2	4886.8	4871.4	4845.7	4819.9	4801.6	4783.6	4746.9	4710.1	4671.0
5°	5485.2	5464.6	5430.4	5396.3	5333.3	5270.5	5207.0	5143.7	5062.6	4981.5	4900.6
7.5°	6038.8	6008.5	5952.7	5896.9	5804.3	5711.6	5608.6	5505.6	5371.7	5238.1	5114.4
10°	6404.9	6375.5	6310.0	6244.1	6135.3	6026.7	5904.8	5782.9	5613.7	5444.6	5281.2
12.5°	6524.7	6508.6	6460.9	6413.1	6315.1	6216.8	6084.8	5952.7	5766.9	5581.1	5396.1
15°	6393.6	6410.7	6409.0	6407.3	6345.5	6283.9	6170.0	6056.0	5862.3	5668.6	5467.9
17.5°	6068.6	6132.0	6201.0	6270.2	6269.2	6268.0	6191.0	6114.0	5917.5	5721.1	5502.1
20°	5653.4	5764.5	5917.0	6069.6	6150.7	6231.8	6204.8	6178.1	5973.9	5769.6	5529.0
22.5°	5258.2	5397.1	5621.6	5846.1	6014.0	6182.0	6217.1	6252.3	6043.7	5834.9	5565.1
25°	4924.7	5070.8	5343.4	5616.0	5871.0	6126.0	6236.9	6347.9	6143.4	5939.1	5630.6
27.5°	4657.4	4801.1	5103.3	5405.3	5743.0	6080.7	6279.3	6477.6	6282.6	6087.6	5733.0
30°	4466.7	4600.0	4914.8	5229.5	5645.3	6061.1	6356.7	6652.6	6464.2	6275.9	5865.7
32.5°	4412.1	4516.8	4812.6	5108.4	5578.8	6049.1	6454.0	6859.1	6672.5	6486.1	6004.1
35°	4703.3	4727.7	4933.0	5138.5	5628.6	6118.8	6614.3	7110.0	6931.5	6752.8	6161.8
37.5°	5560.3	5448.7	5462.0	5475.3	5920.8	6366.3	6949.4	7532.4	7304.8	7077.0	6338.5
40°	6979.1	6707.7	6473.8	6240.0	6571.3	6902.7	7536.7	8170.8	7839.0	7507.2	6562.8
42.5°	8891.2	8397.5	7887.5	7377.4	7568.3	7759.1	8388.3	9017.4	8538.5	8059.6	6856.2
45°	11209.4	10398.3	9581.1	8764.0	8848.3	8932.5	9497.8	10062.9	9416.9	8770.8	7242.2
47.5°	13781.1	12593.7	11415.2	10236.5	10253.6	10270.6	10820.6	11370.3	10461.2	9551.7	7653.7
50°	16337.4	14769.9	13250.8	11731.7	11728.8	11725.9	12405.0	13084.1	11713.3	10342.4	8035.3
52.5°	18808.8	16869.4	15054.8	13240.2	13323.6	13406.7	14228.8	15051.3	13028.6	11005.9	8283.1
55°	21223.3	18911.4	16892.0	14872.3	15196.5	15520.7	16333.2	17145.6	14194.7	11244.0	8228.5
57.5°	23562.4	20943.7	18904.5	16865.4	17515.3	18165.5	18608.1	19050.4	15021.2	10992.0	7844.1
60°	26624.9	23821.2	21891.4	19961.6	20769.0	21576.4	20889.0	20201.7	15227.7	10253.6	7128.8
62.5°	29393.8	26726.3	24958.3	23190.5	23281.6	23372.7	21494.9	19617.2	14358.1	9099.0	6161.5
65°	29749.0	27162.4	24915.6	22669.0	22320.5	21971.8	20209.4	18447.1	13127.6	7808.1	5174.6
67.5°	27837.7	25239.9	22899.3	20558.5	20395.1	20231.7	18555.5	16879.3	11663.3	6447.2	4207.8
70°	25210.4	22975.0	20881.8	18788.5	18715.3	18642.2	16818.9	14995.7	10065.5	5135.1	3313.0
72.5°	21990.4	20316.1	18678.4	17040.6	16988.2	16935.7	14843.3	12751.2	8333.4	3915.6	2532.9
75°	18358.4	17179.7	15905.5	14631.4	14436.9	14242.6	12077.2	9911.9	6347.7	2783.6	1838.3
77.5°	14454.1	13618.4	12649.6	11681.0	11402.8	11124.5	9103.1	7081.8	4442.9	1803.8	1245.7
80°	10629.5	10190.4	9459.2	8727.6	8381.8	8036.0	6335.6	4635.0	2862.4	1089.9	802.6
82.5°	6982.5	6799.3	6295.9	5792.3	5405.8	5019.6	3856.9	2694.3	1656.7	619.3	493.6
85°	4008.0	3904.0	3490.4	3076.6	2748.0	2419.5	1802.5	1185.4	745.2	305.1	263.8
87.5°	1571.0	1562.1	1355.3	1148.4	965.0	781.8	574.4	367.0	244.1	121.2	109.4
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1
2.5°	4632.1	4592.8	4553.6	4516.0	4478.5	4442.1	4401.7	4369.0	4336.4	4306.8	4277.4
5°	4819.9	4738.5	4657.2	4581.2	4505.3	4433.6	4362.8	4301.0	4239.0	4187.1	4135.5
7.5°	4990.9	4870.6	4750.3	4644.3	4538.3	4440.4	4348.8	4266.6	4184.5	4116.1	4047.8
10°	5118.0	4972.0	4825.7	4700.4	4574.8	4454.1	4355.6	4268.9	4182.2	4113.9	4045.7
12.5°	5211.1	5038.7	4866.3	4724.4	4582.7	4455.8	4364.1	4293.1	4222.5	4177.1	4132.0
15°	5267.1	5068.6	4870.1	4705.9	4541.7	4401.1	4327.8	4293.8	4260.0	4266.2	4272.3
17.5°	5283.2	5052.7	4822.3	4624.8	4427.3	4262.1	4216.8	4229.3	4241.6	4316.0	4390.4
20°	5288.3	5009.0	4729.8	4485.0	4240.2	4047.8	4035.9	4094.0	4152.0	4281.2	4410.6
22.5°	5295.0	4955.4	4615.8	4321.0	4026.2	3807.2	3830.5	3916.4	4002.3	4149.7	4297.6
25°	5322.0	4902.5	4483.1	4137.8	3792.7	3568.2	3631.4	3730.4	3829.4	3962.0	4094.8
27.5°	5378.4	4867.2	4355.9	3970.3	3584.8	3380.4	3457.3	3552.9	3648.5	3757.5	3866.4
30°	5455.6	4850.6	4245.3	3830.4	3415.5	3243.9	3304.2	3379.9	3456.1	3546.6	3637.0
32.5°	5522.1	4830.1	4137.8	3709.7	3281.4	3143.3	3170.0	3214.9	3259.8	3332.0	3404.3
35°	5570.9	4791.6	4012.6	3591.1	3169.7	3054.5	3043.3	3055.6	3068.1	3123.3	3178.2
37.5°	5599.9	4725.5	3851.0	3451.5	3051.9	2951.2	2910.6	2897.0	2883.2	2922.9	2962.2
40°	5618.2	4634.5	3651.0	3284.9	2918.8	2827.5	2765.1	2734.3	2703.3	2731.8	2760.3
42.5°	5652.9	4540.6	3428.7	3101.0	2773.3	2689.2	2610.7	2569.7	2528.8	2551.9	2575.3
45°	5713.8	4453.4	3193.2	2905.8	2618.4	2533.0	2457.0	2417.2	2377.4	2396.8	2416.6
47.5°	5755.6	4381.4	3007.1	2751.3	2495.5	2385.4	2320.0	2286.6	2253.1	2271.5	2289.7
50°	5728.3	4302.8	2877.5	2648.7	2420.0	2275.3	2199.3	2169.6	2140.1	2168.8	2197.6
52.5°	5560.1	4170.2	2780.5	2581.2	2382.0	2215.5	2109.3	2080.0	2050.8	2094.0	2137.0
55°	5212.8	3950.3	2688.0	2532.2	2376.4	2221.5	2061.6	2015.2	1968.9	2030.1	2091.3
57.5°	4696.4	3640.4	2584.2	2474.1	2364.1	2227.4	2032.9	1965.3	1897.7	1963.6	2029.5
60°	4004.0	3238.0	2471.9	2385.4	2298.9	2208.7	2005.9	1918.4	1830.6	1888.5	1946.2
62.5°	3223.9	2756.2	2288.6	2231.0	2173.7	2162.6	1974.6	1864.9	1755.5	1792.2	1828.9
65°	2541.2	2322.9	2104.5	2077.5	2050.3	2051.6	1908.2	1791.9	1675.3	1689.5	1703.4
67.5°	1968.4	1906.4	1844.3	1859.5	1874.5	1870.7	1790.2	1693.2	1596.2	1591.8	1587.4
70°	1491.0	1508.7	1526.3	1596.6	1666.8	1666.8	1640.3	1571.3	1502.4	1487.1	1471.7
72.5°	1150.0	1203.6	1257.2	1356.8	1456.3	1473.0	1473.3	1426.1	1378.8	1356.3	1333.9
75°	893.1	941.6	989.9	1101.7	1213.3	1290.4	1283.9	1247.5	1211.0	1189.5	1167.9
77.5°	687.6	720.5	753.6	861.9	970.4	1097.6	1094.1	1064.9	1035.8	1013.9	992.0
80°	515.5	529.1	542.7	634.6	726.3	878.2	877.7	853.3	828.7	810.5	792.0
82.5°	368.4	370.7	373.5	441.1	508.6	638.4	645.5	633.6	621.7	608.6	595.7
85°	222.7	221.5	220.2	269.7	319.2	415.6	425.0	412.3	399.4	384.9	370.4
87.5°	97.7	96.5	95.2	115.4	135.7	175.8	187.8	182.7	177.5	174.8	172.1
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: P970298
 CATALOG NUMBER: NAV-SB6B-727-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1
2.5°	4251.7	4225.9	4199.9	4174.2	4154.2	4134.0	4117.8	4101.6	4089.0	4076.3	4064.7
5°	4089.6	4043.9	4002.4	3960.8	3928.9	3896.8	3874.4	3852.1	3836.2	3820.4	3808.2
7.5°	3990.3	3932.6	3881.8	3831.0	3793.0	3755.1	3728.5	3701.9	3683.6	3665.5	3654.6
10°	3983.7	3921.5	3864.4	3807.2	3761.7	3716.2	3686.5	3656.5	3639.3	3622.0	3612.8
12.5°	4083.2	4034.7	3975.5	3916.4	3858.4	3800.4	3762.0	3723.5	3704.2	3685.2	3677.3
15°	4259.7	4247.1	4195.6	4144.3	4061.7	3979.0	3920.7	3862.3	3835.6	3808.9	3798.6
17.5°	4430.0	4469.4	4428.0	4386.7	4277.2	4167.9	4081.9	3995.8	3956.2	3916.4	3903.5
20°	4493.4	4576.1	4557.0	4537.8	4412.6	4287.7	4182.2	4076.8	4026.2	3975.4	3959.1
22.5°	4405.2	4513.0	4524.6	4536.0	4416.5	4297.1	4188.6	4079.8	4026.4	3972.8	3954.9
25°	4200.8	4306.8	4346.4	4385.9	4287.9	4190.0	4093.4	3997.2	3950.8	3904.5	3887.6
27.5°	3951.4	4036.4	4080.4	4124.7	4054.9	3985.2	3910.3	3835.3	3804.3	3773.0	3765.3
30°	3707.5	3778.2	3814.0	3849.9	3796.8	3743.5	3689.9	3636.0	3620.1	3604.1	3604.1
32.5°	3472.0	3539.7	3579.5	3619.5	3570.6	3521.6	3478.7	3435.9	3425.6	3415.1	3416.5
35°	3245.1	3312.2	3360.0	3407.8	3373.0	3338.3	3298.8	3259.3	3243.4	3227.7	3224.3
37.5°	3029.0	3095.9	3155.0	3214.1	3198.0	3182.0	3145.6	3109.0	3080.2	3051.5	3036.4
40°	2824.9	2889.4	2957.3	3025.5	3029.4	3033.1	3002.2	2971.4	2929.3	2887.7	2859.3
42.5°	2636.4	2697.7	2771.1	2844.5	2864.2	2883.7	2857.7	2831.7	2779.7	2727.6	2686.4
45°	2474.7	2532.7	2608.8	2684.9	2713.1	2741.3	2717.7	2694.3	2634.8	2575.3	2527.0
47.5°	2346.6	2403.3	2478.3	2553.5	2585.9	2618.4	2602.0	2585.6	2532.7	2479.8	2435.0
50°	2251.2	2304.6	2371.8	2439.1	2480.8	2522.4	2521.4	2520.7	2478.3	2436.0	2394.7
52.5°	2186.1	2235.1	2297.8	2360.6	2410.0	2459.3	2468.1	2477.0	2442.6	2408.0	2371.0
55°	2144.2	2197.1	2252.0	2306.9	2359.0	2411.5	2423.8	2436.0	2406.0	2376.0	2343.6
57.5°	2091.6	2153.7	2208.1	2262.5	2315.2	2367.8	2380.3	2392.7	2362.3	2332.0	2299.9
60°	2017.5	2088.8	2144.0	2199.3	2252.2	2305.1	2318.8	2332.5	2302.8	2273.2	2240.1
62.5°	1912.0	1995.4	2054.2	2113.1	2161.6	2210.1	2223.2	2236.3	2209.6	2182.7	2147.9
65°	1792.5	1881.8	1938.2	1994.4	2037.2	2079.8	2093.4	2106.6	2080.9	2055.1	2021.3
67.5°	1669.6	1752.1	1805.5	1858.8	1895.6	1932.5	1945.7	1958.7	1934.9	1911.3	1880.0
70°	1544.1	1616.4	1662.6	1708.6	1741.9	1775.2	1787.8	1800.4	1781.1	1761.9	1731.8
72.5°	1390.9	1447.8	1489.4	1531.0	1563.6	1596.2	1611.3	1626.3	1610.3	1594.2	1565.6
75°	1210.2	1252.6	1290.3	1328.0	1357.6	1387.3	1403.0	1418.8	1410.9	1403.0	1379.0
77.5°	1026.5	1060.9	1093.3	1125.7	1156.9	1188.0	1202.6	1217.4	1206.4	1195.1	1171.0
80°	820.7	849.2	876.5	903.7	927.5	951.1	970.6	989.9	985.2	980.6	948.0
82.5°	593.3	590.9	581.4	571.8	622.3	672.8	705.9	739.1	737.1	734.8	707.4
85°	358.1	345.6	319.2	292.7	340.0	387.4	428.4	469.3	466.0	462.6	441.1
87.5°	171.6	171.1	150.9	130.6	150.4	170.4	186.9	203.5	199.4	195.0	184.0
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: P970298
 CATALOG NUMBER: NAV-SB6B-727-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1
2.5°	4053.0	4038.5	4053.0	4064.7	4076.3	4089.0	4101.6	4117.8	4134.0	4154.2	4174.2
5°	3796.1	3784.2	3796.1	3808.2	3820.4	3836.2	3852.1	3874.4	3896.8	3928.9	3960.8
7.5°	3643.9	3635.7	3643.9	3654.6	3665.5	3683.6	3701.9	3728.5	3755.1	3793.0	3831.0
10°	3603.6	3599.8	3603.6	3612.8	3622.0	3639.3	3656.5	3686.5	3716.2	3761.7	3807.2
12.5°	3669.4	3668.1	3669.4	3677.3	3685.2	3704.2	3723.5	3762.0	3800.4	3858.4	3916.4
15°	3788.4	3787.6	3788.4	3798.6	3808.9	3835.6	3862.3	3920.7	3979.0	4061.7	4144.3
17.5°	3890.3	3888.2	3890.3	3903.5	3916.4	3956.2	3995.8	4081.9	4167.9	4277.2	4386.7
20°	3942.9	3937.7	3942.9	3959.1	3975.4	4026.2	4076.8	4182.2	4287.7	4412.6	4537.8
22.5°	3936.9	3929.2	3936.9	3954.9	3972.8	4026.4	4079.8	4188.6	4297.1	4416.5	4536.0
25°	3870.8	3861.0	3870.8	3887.6	3904.5	3950.8	3997.2	4093.4	4190.0	4287.9	4385.9
27.5°	3757.6	3755.1	3757.6	3765.3	3773.0	3804.3	3835.3	3910.3	3985.2	4054.9	4124.7
30°	3604.1	3606.7	3604.1	3604.1	3604.1	3620.1	3636.0	3689.9	3743.5	3796.8	3849.9
32.5°	3418.1	3420.6	3418.1	3416.5	3415.1	3425.6	3435.9	3478.7	3521.6	3570.6	3619.5
35°	3220.9	3219.2	3220.9	3224.3	3227.7	3243.4	3259.3	3298.8	3338.3	3373.0	3407.8
37.5°	3021.2	3012.7	3021.2	3036.4	3051.5	3080.2	3109.0	3145.6	3182.0	3198.0	3214.1
40°	2831.4	2814.6	2831.4	2859.3	2887.7	2929.3	2971.4	3002.2	3033.1	3029.4	3025.5
42.5°	2645.3	2618.4	2645.3	2686.4	2727.6	2779.7	2831.7	2857.7	2883.7	2864.2	2844.5
45°	2478.8	2447.7	2478.8	2527.0	2575.3	2634.8	2694.3	2717.7	2741.3	2713.1	2684.9
47.5°	2390.5	2360.6	2390.5	2435.0	2479.8	2532.7	2585.6	2602.0	2618.4	2585.9	2553.5
50°	2353.4	2324.8	2353.4	2394.7	2436.0	2478.3	2520.7	2521.4	2522.4	2480.8	2439.1
52.5°	2334.1	2307.7	2334.1	2371.0	2408.0	2442.6	2477.0	2468.1	2459.3	2410.0	2360.6
55°	2311.1	2287.2	2311.1	2343.6	2376.0	2406.0	2436.0	2423.8	2411.5	2359.0	2306.9
57.5°	2267.6	2242.8	2267.6	2299.9	2332.0	2362.3	2392.7	2380.3	2367.8	2315.2	2262.5
60°	2207.0	2181.4	2207.0	2240.1	2273.2	2302.8	2332.5	2318.8	2305.1	2252.2	2199.3
62.5°	2113.1	2082.4	2113.1	2147.9	2182.7	2209.6	2236.3	2223.2	2210.1	2161.6	2113.1
65°	1987.7	1961.2	1987.7	2021.3	2055.1	2080.9	2106.6	2093.4	2079.8	2037.2	1994.4
67.5°	1848.6	1824.6	1848.6	1880.0	1911.3	1934.9	1958.7	1945.7	1932.5	1895.6	1858.8
70°	1701.8	1674.4	1701.8	1731.8	1761.9	1781.1	1800.4	1787.8	1775.2	1741.9	1708.6
72.5°	1537.1	1510.5	1537.1	1565.6	1594.2	1610.3	1626.3	1611.3	1596.2	1563.6	1531.0
75°	1354.9	1329.6	1354.9	1379.0	1403.0	1410.9	1418.8	1403.0	1387.3	1357.6	1328.0
77.5°	1146.7	1126.6	1146.7	1171.0	1195.1	1206.4	1217.4	1202.6	1188.0	1156.9	1125.7
80°	915.2	877.3	915.2	948.0	980.6	985.2	989.9	970.6	951.1	927.5	903.7
82.5°	679.7	655.5	679.7	707.4	734.8	737.1	739.1	705.9	672.8	622.3	571.8
85°	419.5	397.7	419.5	441.1	462.6	466.0	469.3	428.4	387.4	340.0	292.7
87.5°	172.7	162.2	172.7	184.0	195.0	199.4	203.5	186.9	170.4	150.4	130.6
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: P970298
 CATALOG NUMBER: NAV-SB6B-727-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1
2.5°	4199.9	4225.9	4251.7	4277.4	4306.8	4336.4	4369.0	4401.7	4442.1	4478.5	4516.0
5°	4002.4	4043.9	4089.6	4135.5	4187.1	4239.0	4301.0	4362.8	4433.6	4505.3	4581.2
7.5°	3881.8	3932.6	3990.3	4047.8	4116.1	4184.5	4266.6	4348.8	4440.4	4538.3	4644.3
10°	3864.4	3921.5	3983.7	4045.7	4113.9	4182.2	4268.9	4355.6	4454.1	4574.8	4700.4
12.5°	3975.5	4034.7	4083.2	4132.0	4177.1	4222.5	4293.1	4364.1	4455.8	4582.7	4724.4
15°	4195.6	4247.1	4259.7	4272.3	4266.2	4260.0	4293.8	4327.8	4401.1	4541.7	4705.9
17.5°	4428.0	4469.4	4430.0	4390.4	4316.0	4241.6	4229.3	4216.8	4262.1	4427.3	4624.8
20°	4557.0	4576.1	4493.4	4410.6	4281.2	4152.0	4094.0	4035.9	4047.8	4240.2	4485.0
22.5°	4524.6	4513.0	4405.2	4297.6	4149.7	4002.3	3916.4	3830.5	3807.2	4026.2	4321.0
25°	4346.4	4306.8	4200.8	4094.8	3962.0	3829.4	3730.4	3631.4	3568.2	3792.7	4137.8
27.5°	4080.4	4036.4	3951.4	3866.4	3757.5	3648.5	3552.9	3457.3	3380.4	3584.8	3970.3
30°	3814.0	3778.2	3707.5	3637.0	3546.6	3456.1	3379.9	3304.2	3243.9	3415.5	3830.4
32.5°	3579.5	3539.7	3472.0	3404.3	3332.0	3259.8	3214.9	3170.0	3143.3	3281.4	3709.7
35°	3360.0	3312.2	3245.1	3178.2	3123.3	3068.1	3055.6	3043.3	3054.5	3169.7	3591.1
37.5°	3155.0	3095.9	3029.0	2962.2	2922.9	2883.2	2897.0	2910.6	2951.2	3051.9	3451.5
40°	2957.3	2889.4	2824.9	2760.3	2731.8	2703.3	2734.3	2765.1	2827.5	2918.8	3284.9
42.5°	2771.1	2697.7	2636.4	2575.3	2551.9	2528.8	2569.7	2610.7	2689.2	2773.3	3101.0
45°	2608.8	2532.7	2474.7	2416.6	2396.8	2377.4	2417.2	2457.0	2533.0	2618.4	2905.8
47.5°	2478.3	2403.3	2346.6	2289.7	2271.5	2253.1	2286.6	2320.0	2385.4	2495.5	2751.3
50°	2371.8	2304.6	2251.2	2197.6	2168.8	2140.1	2169.6	2199.3	2275.3	2420.0	2648.7
52.5°	2297.8	2235.1	2186.1	2137.0	2094.0	2050.8	2080.0	2109.3	2215.5	2382.0	2581.2
55°	2252.0	2197.1	2144.2	2091.3	2030.1	1968.9	2015.2	2061.6	2221.5	2376.4	2532.2
57.5°	2208.1	2153.7	2091.6	2029.5	1963.6	1897.7	1965.3	2032.9	2227.4	2364.1	2474.1
60°	2144.0	2088.8	2017.5	1946.2	1888.5	1830.6	1918.4	2005.9	2208.7	2298.9	2385.4
62.5°	2054.2	1995.4	1912.0	1828.9	1792.2	1755.5	1864.9	1974.6	2162.6	2173.7	2231.0
65°	1938.2	1881.8	1792.5	1703.4	1689.5	1675.3	1791.9	1908.2	2051.6	2050.3	2077.5
67.5°	1805.5	1752.1	1669.6	1587.4	1591.8	1596.2	1693.2	1790.2	1870.7	1874.5	1859.5
70°	1662.6	1616.4	1544.1	1471.7	1487.1	1502.4	1571.3	1640.3	1666.8	1666.8	1596.6
72.5°	1489.4	1447.8	1390.9	1333.9	1356.3	1378.8	1426.1	1473.3	1473.0	1456.3	1356.8
75°	1290.3	1252.6	1210.2	1167.9	1189.5	1211.0	1247.5	1283.9	1290.4	1213.3	1101.7
77.5°	1093.3	1060.9	1026.5	992.0	1013.9	1035.8	1064.9	1094.1	1097.6	970.4	861.9
80°	876.5	849.2	820.7	792.0	810.5	828.7	853.3	877.7	878.2	726.3	634.6
82.5°	581.4	590.9	593.3	595.7	608.6	621.7	633.6	645.5	638.4	508.6	441.1
85°	319.2	345.6	358.1	370.4	384.9	399.4	412.3	425.0	415.6	319.2	269.7
87.5°	150.9	171.1	171.6	172.1	174.8	177.5	182.7	187.8	175.8	135.7	115.4
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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 CATALOG NUMBER: NAV-SB6B-727-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1	4448.1
2.5°	4553.6	4592.8	4632.1	4671.0	4710.1	4746.9	4783.6
5°	4657.2	4738.5	4819.9	4900.6	4981.5	5062.6	5143.7
7.5°	4750.3	4870.6	4990.9	5114.4	5238.1	5371.7	5505.6
10°	4825.7	4972.0	5118.0	5281.2	5444.6	5613.7	5782.9
12.5°	4866.3	5038.7	5211.1	5396.1	5581.1	5766.9	5952.7
15°	4870.1	5068.6	5267.1	5467.9	5668.6	5862.3	6056.0
17.5°	4822.3	5052.7	5283.2	5502.1	5721.1	5917.5	6114.0
20°	4729.8	5009.0	5288.3	5529.0	5769.6	5973.9	6178.1
22.5°	4615.8	4955.4	5295.0	5565.1	5834.9	6043.7	6252.3
25°	4483.1	4902.5	5322.0	5630.6	5939.1	6143.4	6347.9
27.5°	4355.9	4867.2	5378.4	5733.0	6087.6	6282.6	6477.6
30°	4245.3	4850.6	5455.6	5865.7	6275.9	6464.2	6652.6
32.5°	4137.8	4830.1	5522.1	6004.1	6486.1	6672.5	6859.1
35°	4012.6	4791.6	5570.9	6161.8	6752.8	6931.5	7110.0
37.5°	3851.0	4725.5	5599.9	6338.5	7077.0	7304.8	7532.4
40°	3651.0	4634.5	5618.2	6562.8	7507.2	7839.0	8170.8
42.5°	3428.7	4540.6	5652.9	6856.2	8059.6	8538.5	9017.4
45°	3193.2	4453.4	5713.8	7242.2	8770.8	9416.9	10062.9
47.5°	3007.1	4381.4	5755.6	7653.7	9551.7	10461.2	11370.3
50°	2877.5	4302.8	5728.3	8035.3	10342.4	11713.3	13084.1
52.5°	2780.5	4170.2	5560.1	8283.1	11005.9	13028.6	15051.3
55°	2688.0	3950.3	5212.8	8228.5	11244.0	14194.7	17145.6
57.5°	2584.2	3640.4	4696.4	7844.1	10992.0	15021.2	19050.4
60°	2471.9	3238.0	4004.0	7128.8	10253.6	15227.7	20201.7
62.5°	2288.6	2756.2	3223.9	6161.5	9099.0	14358.1	19617.2
65°	2104.5	2322.9	2541.2	5174.6	7808.1	13127.6	18447.1
67.5°	1844.3	1906.4	1968.4	4207.8	6447.2	11663.3	16879.3
70°	1526.3	1508.7	1491.0	3313.0	5135.1	10065.5	14995.7
72.5°	1257.2	1203.6	1150.0	2532.9	3915.6	8333.4	12751.2
75°	989.9	941.6	893.1	1838.3	2783.6	6347.7	9911.9
77.5°	753.6	720.5	687.6	1245.7	1803.8	4442.9	7081.8
80°	542.7	529.1	515.5	802.6	1089.9	2862.4	4635.0
82.5°	373.5	370.7	368.4	493.6	619.3	1656.7	2694.3
85°	220.2	221.5	222.7	263.8	305.1	745.2	1185.4
87.5°	95.2	96.5	97.7	109.4	121.2	244.1	367.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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