

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: P971323

Luminaire Tested: **NAV-SB6D-722-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P971323  
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-SB6D-722-U-SLR  
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE  
(6) 70 CRI, 2200K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

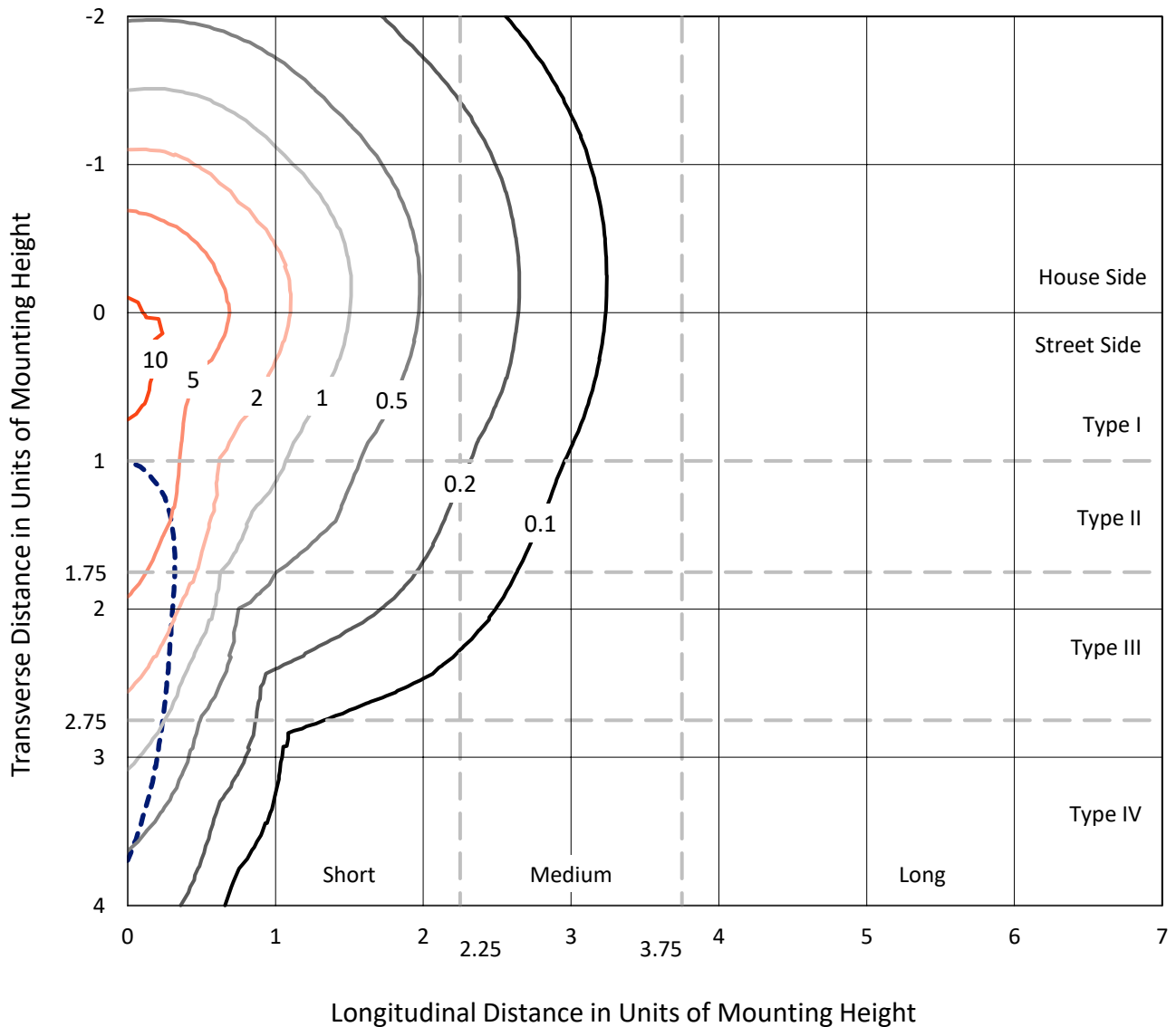
Lumens per Lamp: N/A  
Luminaire Lumens: 52063.9 lumens  
Efficiency: N/A  
Efficacy: 118.3 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B4 - U0 - G5  
  
Input Watts (W): 440.1  
Input Voltage (V): NR  
Input Current (Ain): 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

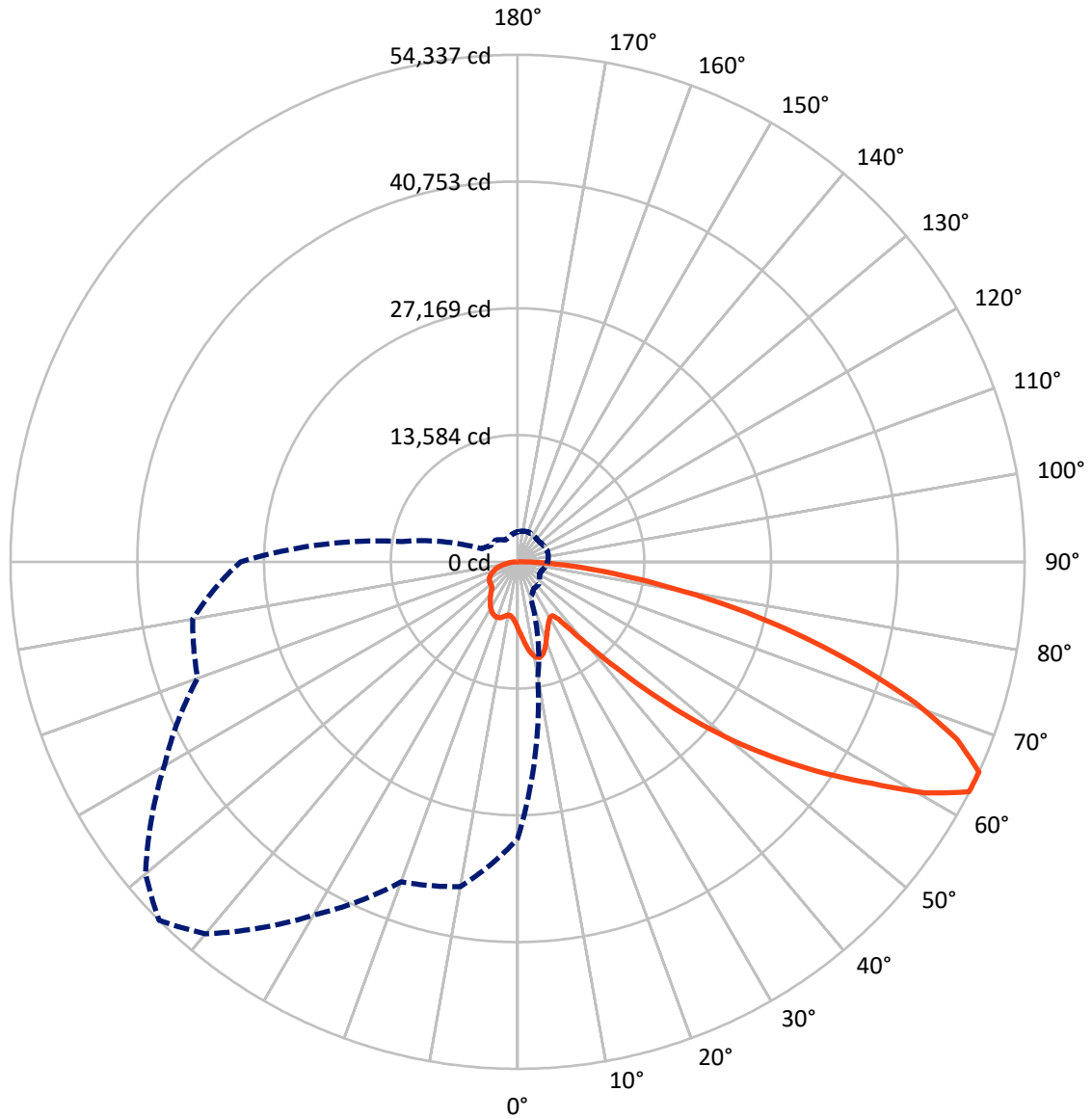
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14.1 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	13232.0	0.0	13232.0
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	38831.8	0.0	38831.8
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	52063.9	0.0	52063.9
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	710.2	1.4
10°-20°	2229.4	4.3
20°-30°	3443.7	6.6
30°-40°	4364.0	8.4
40°-50°	6582.1	12.6
50°-60°	10634.3	20.4
60°-70°	13257.4	25.5
70°-80°	8693.5	16.7
80°-90°	2149.3	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°	52063.9	100.0
0°-180°	52063.9	100.0

**Coefficient of Utilization**



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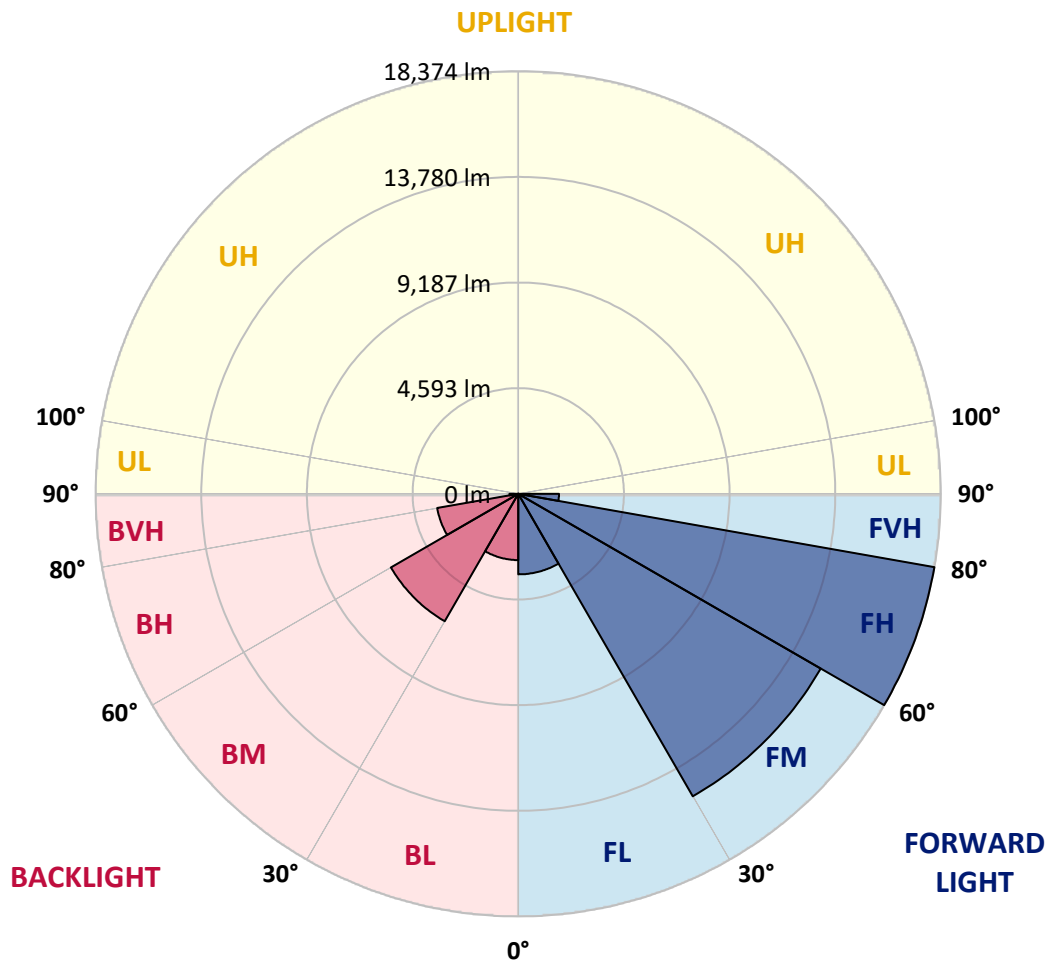
CATALOG NUMBER: NAV-SB6D-722-U-SLR

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3501.9	6.7			
FM (30°-60°)	15185.9	29.2			
FH (60°-80°)	18373.5	35.3			G5
FVH (80°-90°)	1770.5	3.4			G5
BL (0°-30°)	2881.4	5.5	B4/5000		
BM (30°-60°)	6394.5	12.3	B4/8500		
BH (60°-80°)	3577.3	6.9	B4/5000		G4/5000
BVH (80°-90°)	378.7	0.7			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G5**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2
2.5°	7699.1	7639.9	7580.9	7518.0	7455.3	7392.2	7329.0	7268.6	7208.1	7149.6	7084.5
5°	8278.7	8148.2	8017.8	7887.5	7757.6	7626.5	7495.7	7373.5	7251.3	7135.8	7021.9
7.5°	8861.1	8645.8	8430.6	8231.8	8032.8	7839.2	7645.5	7474.9	7304.3	7146.9	6999.3
10°	9307.5	9035.3	8763.0	8500.1	8237.5	8002.4	7766.9	7565.2	7363.1	7168.8	7010.3
12.5°	9580.9	9281.7	8982.8	8685.0	8387.3	8109.8	7832.3	7604.0	7375.7	7171.6	7024.0
15°	9747.1	9435.3	9123.5	8800.4	8477.4	8157.9	7838.4	7574.0	7309.8	7083.7	6965.6
17.5°	9840.5	9524.3	9208.1	8855.6	8503.2	8132.2	7761.4	7443.6	7125.7	6859.8	6786.9
20°	9943.5	9614.9	9286.1	8898.7	8511.4	8061.9	7612.5	7218.6	6824.7	6515.0	6495.7
22.5°	10063.0	9727.4	9391.4	8957.0	8522.4	7975.7	7429.0	6954.5	6480.2	6127.7	6165.3
25°	10216.9	9887.8	9558.9	9062.5	8565.8	7890.6	7215.6	6659.8	6104.3	5743.1	5844.7
27.5°	10425.7	10111.9	9797.9	9227.4	8656.4	7833.7	7010.9	6390.3	5769.7	5440.8	5564.5
30°	10707.3	10404.0	10101.0	9440.8	8780.7	7807.0	6832.9	6165.0	5497.2	5221.0	5318.0
32.5°	11039.7	10739.4	10439.4	9663.6	8887.8	7774.0	6659.8	5970.8	5281.5	5059.0	5102.1
35°	11443.5	11156.1	10868.5	9917.4	8966.4	7712.0	6458.1	5779.9	5101.5	4916.1	4898.3
37.5°	12123.4	11757.0	11390.5	10201.7	9013.0	7605.6	6198.3	5555.1	4912.0	4750.0	4684.6
40°	13150.9	12616.8	12082.8	10562.7	9042.4	7459.2	5876.3	5287.1	4697.7	4550.8	4450.4
42.5°	14513.5	13742.7	12971.8	11034.9	9098.2	7308.1	5518.6	4991.1	4463.7	4328.3	4201.9
45°	16196.1	15156.4	14116.5	11656.4	9196.3	7167.7	5139.5	4676.9	4214.2	4076.8	3954.7
47.5°	18300.6	16837.1	15373.4	12318.4	9263.5	7051.8	4840.0	4428.2	4016.5	3839.2	3734.0
50°	21058.7	18852.4	16645.9	12932.7	9219.7	6925.4	4631.3	4263.1	3895.0	3662.0	3539.7
52.5°	24224.8	20969.4	17714.0	13331.7	8949.1	6712.0	4475.3	4154.3	3833.7	3565.9	3395.0
55°	27595.8	22846.3	18097.2	13243.7	8389.9	6358.2	4326.3	4075.5	3824.7	3575.5	3318.1
57.5°	30661.6	24176.6	17691.5	12625.0	7559.0	5859.2	4159.2	3982.1	3804.9	3585.1	3271.9
60°	32514.6	24509.0	16503.0	11473.7	6444.4	5211.4	3978.5	3839.2	3699.9	3554.9	3228.5
62.5°	31573.7	23109.2	14644.8	9916.9	5189.0	4436.2	3683.4	3590.9	3498.5	3480.7	3178.0
65°	29690.5	21128.8	12567.1	8328.4	4090.1	3738.7	3387.3	3343.7	3300.0	3302.1	3071.4
67.5°	27167.1	18772.0	10376.8	6772.4	3168.1	3068.3	2968.4	2992.8	3017.0	3010.9	2881.3
70°	24135.6	16200.3	8265.0	5332.4	2399.7	2428.2	2456.5	2569.8	2682.6	2682.6	2640.1
72.5°	20523.1	13412.4	6302.1	4076.6	1851.0	1937.0	2023.4	2183.8	2344.0	2370.8	2371.4
75°	15953.0	10216.6	4480.2	2958.8	1437.4	1515.4	1593.4	1773.0	1952.7	2076.9	2066.4
77.5°	11398.2	7150.7	2903.2	2004.9	1106.6	1159.6	1212.9	1387.3	1561.8	1766.5	1761.0
80°	7460.1	4607.1	1754.1	1291.7	829.6	851.7	873.6	1021.4	1168.9	1413.5	1412.7
82.5°	4336.5	2666.4	996.7	794.5	592.9	596.7	601.1	709.9	818.7	1027.5	1039.0
85°	1907.9	1199.5	491.2	424.8	358.5	356.6	354.3	434.1	513.7	668.9	684.1
87.5°	590.6	392.9	195.1	176.1	157.1	155.2	153.3	185.7	218.4	283.0	302.2
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°	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2
2.5°	7031.8	6979.3	6931.8	6884.5	6843.0	6801.5	6759.8	6718.3	6686.2	6653.8	6627.6
5°	6922.4	6822.7	6739.2	6655.9	6582.3	6508.6	6441.9	6374.9	6323.5	6271.9	6235.9
7.5°	6866.9	6734.8	6624.9	6515.0	6422.4	6329.6	6247.7	6166.1	6104.9	6043.8	6001.0
10°	6870.8	6731.2	6621.3	6511.4	6411.7	6311.7	6219.7	6127.7	6054.6	5981.2	5933.4
12.5°	6909.7	6796.1	6723.0	6650.4	6571.9	6493.9	6398.6	6303.4	6210.1	6116.7	6054.9
15°	6910.9	6856.5	6866.4	6876.3	6855.9	6835.6	6752.9	6670.2	6537.2	6404.3	6310.3
17.5°	6807.0	6826.8	6946.6	7066.4	7130.1	7193.6	7126.8	7060.3	6884.2	6708.1	6569.6
20°	6589.2	6682.6	6890.6	7098.7	7232.0	7365.2	7334.5	7303.4	7102.1	6901.0	6731.2
22.5°	6303.4	6441.6	6679.0	6916.9	7090.2	7263.7	7282.3	7300.7	7108.4	6916.1	6741.4
25°	6004.0	6163.3	6376.8	6590.5	6761.2	6931.8	6995.5	7059.0	6901.2	6743.9	6588.4
27.5°	5718.3	5872.1	6047.7	6223.0	6359.8	6496.6	6567.5	6638.6	6526.3	6414.1	6293.6
30°	5440.0	5562.6	5708.1	5853.8	5967.2	6080.9	6138.6	6196.3	6110.8	6025.2	5939.0
32.5°	5174.4	5246.7	5362.8	5479.3	5588.1	5697.2	5761.2	5825.5	5746.9	5668.0	5599.1
35°	4918.1	4938.1	5026.8	5115.3	5223.0	5330.9	5407.9	5484.8	5428.8	5372.9	5309.3
37.5°	4662.5	4640.6	4704.3	4767.8	4875.2	4982.9	5078.0	5173.0	5147.1	5121.3	5062.8
40°	4400.7	4351.0	4396.9	4442.8	4546.6	4650.4	4759.8	4869.5	4875.7	4881.8	4832.1
42.5°	4135.9	4070.0	4107.4	4145.0	4243.3	4342.0	4460.1	4578.3	4609.8	4641.4	4599.4
45°	3890.3	3826.3	3857.6	3889.5	3982.9	4076.3	4198.8	4321.4	4366.7	4412.0	4374.1
47.5°	3680.2	3626.3	3656.0	3685.4	3776.8	3868.0	3989.0	4109.8	4162.0	4214.2	4187.8
50°	3492.0	3444.4	3490.6	3537.1	3623.3	3709.3	3817.5	3925.7	3992.8	4059.8	4058.2
52.5°	3347.8	3300.8	3370.3	3439.5	3518.6	3597.4	3698.3	3799.4	3878.8	3958.1	3972.5
55°	3243.3	3168.9	3267.5	3365.9	3451.1	3536.2	3624.7	3712.9	3796.9	3881.3	3901.0
57.5°	3163.1	3054.4	3160.4	3266.5	3366.4	3466.4	3553.8	3641.4	3726.3	3811.0	3830.9
60°	3087.6	2946.4	3039.5	3132.4	3247.2	3362.0	3450.8	3539.7	3624.9	3710.1	3732.1
62.5°	3001.6	2825.5	2884.6	2943.6	3077.5	3211.5	3306.2	3401.1	3479.1	3557.1	3578.3
65°	2884.0	2696.4	2719.2	2741.7	2885.2	3028.8	3119.5	3210.1	3278.8	3347.4	3369.2
67.5°	2725.3	2569.2	2562.1	2554.9	2687.3	2820.0	2906.0	2991.7	3051.0	3110.4	3131.6
70°	2529.1	2418.1	2393.4	2368.7	2485.1	2601.7	2675.8	2750.0	2803.5	2857.1	2877.4
72.5°	2295.3	2219.2	2182.9	2147.0	2238.7	2330.1	2397.2	2464.2	2516.7	2569.2	2593.4
75°	2008.0	1949.1	1914.5	1879.6	1947.8	2015.9	2076.6	2137.3	2185.1	2233.0	2258.2
77.5°	1714.0	1667.0	1631.8	1596.6	1652.2	1707.3	1759.6	1811.8	1862.0	1912.0	1935.7
80°	1373.3	1333.7	1304.4	1274.7	1320.8	1366.7	1410.7	1454.7	1492.8	1530.7	1562.1
82.5°	1019.8	1000.5	979.7	958.8	954.9	951.1	935.7	920.3	1001.6	1082.9	1136.2
85°	663.5	642.9	619.5	596.1	576.4	556.3	513.7	471.2	547.2	623.6	689.5
87.5°	294.0	285.7	281.4	277.0	276.1	275.3	242.8	210.1	242.0	274.2	300.8
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°	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2
2.5°	6601.5	6581.2	6560.9	6542.2	6523.2	6499.9	6523.2	6542.2	6560.9	6581.2	6601.5
5°	6199.9	6174.4	6148.8	6129.3	6109.8	6090.5	6109.8	6129.3	6148.8	6174.4	6199.9
7.5°	5958.1	5928.7	5899.6	5882.1	5864.7	5851.5	5864.7	5882.1	5899.6	5928.7	5958.1
10°	5885.0	5857.4	5829.6	5814.7	5799.9	5793.9	5799.9	5814.7	5829.6	5857.4	5885.0
12.5°	5993.1	5962.0	5931.3	5918.6	5905.9	5903.8	5905.9	5918.6	5931.3	5962.0	5993.1
15°	6216.4	6173.3	6130.4	6113.9	6097.4	6096.1	6097.4	6113.9	6130.4	6173.3	6216.4
17.5°	6431.3	6367.5	6303.4	6282.6	6261.4	6258.1	6261.4	6282.6	6303.4	6367.5	6431.3
20°	6561.7	6480.2	6398.3	6372.1	6346.1	6337.8	6346.1	6372.1	6398.3	6480.2	6561.7
22.5°	6566.4	6480.4	6394.2	6365.2	6336.4	6324.0	6336.4	6365.2	6394.2	6480.4	6566.4
25°	6433.4	6358.7	6284.3	6257.0	6230.2	6214.2	6230.2	6257.0	6284.3	6358.7	6433.4
27.5°	6173.0	6122.9	6072.7	6060.3	6048.0	6043.8	6048.0	6060.3	6072.7	6122.9	6173.0
30°	5852.1	5826.5	5800.8	5800.8	5800.8	5804.9	5800.8	5800.8	5800.8	5826.5	5852.1
32.5°	5530.2	5513.4	5496.7	5498.8	5501.3	5505.4	5501.3	5498.8	5496.7	5513.4	5530.2
35°	5245.8	5220.2	5195.0	5189.5	5183.9	5181.3	5183.9	5189.5	5195.0	5220.2	5245.8
37.5°	5004.0	4957.6	4911.5	4887.0	4862.6	4848.9	4862.6	4887.0	4911.5	4957.6	5004.0
40°	4782.3	4714.8	4647.8	4602.1	4557.0	4530.2	4557.0	4602.1	4647.8	4714.8	4782.3
42.5°	4557.7	4473.8	4390.1	4323.9	4257.6	4214.2	4257.6	4323.9	4390.1	4473.8	4557.7
45°	4336.5	4240.6	4145.0	4067.2	3989.5	3939.5	3989.5	4067.2	4145.0	4240.6	4336.5
47.5°	4161.5	4076.3	3991.1	3919.2	3847.4	3799.4	3847.4	3919.2	3991.1	4076.3	4161.5
50°	4057.1	3989.0	3920.8	3854.3	3787.9	3741.7	3787.9	3854.3	3920.8	3989.0	4057.1
52.5°	3986.7	3931.3	3875.7	3816.2	3756.8	3714.2	3756.8	3816.2	3875.7	3931.3	3986.7
55°	3920.8	3872.4	3824.1	3771.9	3719.7	3681.3	3719.7	3771.9	3824.1	3872.4	3920.8
57.5°	3851.0	3802.1	3753.2	3701.6	3649.7	3609.8	3649.7	3701.6	3753.2	3802.1	3851.0
60°	3754.1	3706.3	3658.7	3605.4	3552.1	3510.9	3552.1	3605.4	3658.7	3706.3	3754.1
62.5°	3599.4	3556.2	3513.1	3457.1	3401.1	3351.5	3401.1	3457.1	3513.1	3556.2	3599.4
65°	3390.6	3349.1	3307.7	3253.2	3199.1	3156.6	3199.1	3253.2	3307.7	3349.1	3390.6
67.5°	3152.4	3114.3	3076.3	3025.8	2975.3	2936.7	2975.3	3025.8	3076.3	3114.3	3152.4
70°	2897.8	2866.7	2835.7	2787.3	2739.0	2695.0	2739.0	2787.3	2835.7	2866.7	2897.8
72.5°	2617.5	2591.7	2565.9	2519.8	2473.8	2431.3	2473.8	2519.8	2565.9	2591.7	2617.5
75°	2283.5	2270.9	2258.2	2219.4	2180.7	2140.1	2180.7	2219.4	2258.2	2270.9	2283.5
77.5°	1959.3	1941.8	1923.6	1884.6	1845.6	1813.1	1845.6	1884.6	1923.6	1941.8	1959.3
80°	1593.4	1585.7	1578.3	1525.8	1473.0	1412.0	1473.0	1525.8	1578.3	1585.7	1593.4
82.5°	1189.5	1186.2	1182.6	1138.5	1094.0	1054.9	1094.0	1138.5	1182.6	1186.2	1189.5
85°	755.5	750.0	744.5	709.9	675.3	640.1	675.3	709.9	744.5	750.0	755.5
87.5°	327.5	320.8	313.8	296.1	278.0	261.0	278.0	296.1	313.8	320.8	327.5
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: P971323  
 CATALOG NUMBER: NAV-SB6D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2
2.5°	6627.6	6653.8	6686.2	6718.3	6759.8	6801.5	6843.0	6884.5	6931.8	6979.3	7031.8
5°	6235.9	6271.9	6323.5	6374.9	6441.9	6508.6	6582.3	6655.9	6739.2	6822.7	6922.4
7.5°	6001.0	6043.8	6104.9	6166.1	6247.7	6329.6	6422.4	6515.0	6624.9	6734.8	6866.9
10°	5933.4	5981.2	6054.6	6127.7	6219.7	6311.7	6411.7	6511.4	6621.3	6731.2	6870.8
12.5°	6054.9	6116.7	6210.1	6303.4	6398.6	6493.9	6571.9	6650.4	6723.0	6796.1	6909.7
15°	6310.3	6404.3	6537.2	6670.2	6752.9	6835.6	6855.9	6876.3	6866.4	6856.5	6910.9
17.5°	6569.6	6708.1	6884.2	7060.3	7126.8	7193.6	7130.1	7066.4	6946.6	6826.8	6807.0
20°	6731.2	6901.0	7102.1	7303.4	7334.5	7365.2	7232.0	7098.7	6890.6	6682.6	6589.2
22.5°	6741.4	6916.1	7108.4	7300.7	7282.3	7263.7	7090.2	6916.9	6679.0	6441.6	6303.4
25°	6588.4	6743.9	6901.2	7059.0	6995.5	6931.8	6761.2	6590.5	6376.8	6163.3	6004.0
27.5°	6293.6	6414.1	6526.3	6638.6	6567.5	6496.6	6359.8	6223.0	6047.7	5872.1	5718.3
30°	5939.0	6025.2	6110.8	6196.3	6138.6	6080.9	5967.2	5853.8	5708.1	5562.6	5440.0
32.5°	5599.1	5668.0	5746.9	5825.5	5761.2	5697.2	5588.1	5479.3	5362.8	5246.7	5174.4
35°	5309.3	5372.9	5428.8	5484.8	5407.9	5330.9	5223.0	5115.3	5026.8	4938.1	4918.1
37.5°	5062.8	5121.3	5147.1	5173.0	5078.0	4982.9	4875.2	4767.8	4704.3	4640.6	4662.5
40°	4832.1	4881.8	4875.7	4869.5	4759.8	4650.4	4546.6	4442.8	4396.9	4351.0	4400.7
42.5°	4599.4	4641.4	4609.8	4578.3	4460.1	4342.0	4243.3	4145.0	4107.4	4070.0	4135.9
45°	4374.1	4412.0	4366.7	4321.4	4198.8	4076.3	3982.9	3889.5	3857.6	3826.3	3890.3
47.5°	4187.8	4214.2	4162.0	4109.8	3989.0	3868.0	3776.8	3685.4	3656.0	3626.3	3680.2
50°	4058.2	4059.8	3992.8	3925.7	3817.5	3709.3	3623.3	3537.1	3490.6	3444.4	3492.0
52.5°	3972.5	3958.1	3878.8	3799.4	3698.3	3597.4	3518.6	3439.5	3370.3	3300.8	3347.8
55°	3901.0	3881.3	3796.9	3712.9	3624.7	3536.2	3451.1	3365.9	3267.5	3168.9	3243.3
57.5°	3830.9	3811.0	3726.3	3641.4	3553.8	3466.4	3366.4	3266.5	3160.4	3054.4	3163.1
60°	3732.1	3710.1	3624.9	3539.7	3450.8	3362.0	3247.2	3132.4	3039.5	2946.4	3087.6
62.5°	3578.3	3557.1	3479.1	3401.1	3306.2	3211.5	3077.5	2943.6	2884.6	2825.5	3001.6
65°	3369.2	3347.4	3278.8	3210.1	3119.5	3028.8	2885.2	2741.7	2719.2	2696.4	2884.0
67.5°	3131.6	3110.4	3051.0	2991.7	2906.0	2820.0	2687.3	2554.9	2562.1	2569.2	2725.3
70°	2877.4	2857.1	2803.5	2750.0	2675.8	2601.7	2485.1	2368.7	2393.4	2418.1	2529.1
72.5°	2593.4	2569.2	2516.7	2464.2	2397.2	2330.1	2238.7	2147.0	2182.9	2219.2	2295.3
75°	2258.2	2233.0	2185.1	2137.3	2076.6	2015.9	1947.8	1879.6	1914.5	1949.1	2008.0
77.5°	1935.7	1912.0	1862.0	1811.8	1759.6	1707.3	1652.2	1596.6	1631.8	1667.0	1714.0
80°	1562.1	1530.7	1492.8	1454.7	1410.7	1366.7	1320.8	1274.7	1304.4	1333.7	1373.3
82.5°	1136.2	1082.9	1001.6	920.3	935.7	951.1	954.9	958.8	979.7	1000.5	1019.8
85°	689.5	623.6	547.2	471.2	513.7	556.3	576.4	596.1	619.5	642.9	663.5
87.5°	300.8	274.2	242.0	210.1	242.8	275.3	276.1	277.0	281.4	285.7	294.0
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: P971323  
 CATALOG NUMBER: NAV-SB6D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2
2.5°	7084.5	7149.6	7208.1	7268.6	7329.0	7392.2	7455.3	7518.0	7580.9	7639.9	7699.1
5°	7021.9	7135.8	7251.3	7373.5	7495.7	7626.5	7757.6	7887.5	8017.8	8148.2	8278.7
7.5°	6999.3	7146.9	7304.3	7474.9	7645.5	7839.2	8032.8	8231.8	8430.6	8645.8	8861.1
10°	7010.3	7168.8	7363.1	7565.2	7766.9	8002.4	8237.5	8500.1	8763.0	9035.3	9307.5
12.5°	7024.0	7171.6	7375.7	7604.0	7832.3	8109.8	8387.3	8685.0	8982.8	9281.7	9580.9
15°	6965.6	7083.7	7309.8	7574.0	7838.4	8157.9	8477.4	8800.4	9123.5	9435.3	9747.1
17.5°	6786.9	6859.8	7125.7	7443.6	7761.4	8132.2	8503.2	8855.6	9208.1	9524.3	9840.5
20°	6495.7	6515.0	6824.7	7218.6	7612.5	8061.9	8511.4	8898.7	9286.1	9614.9	9943.5
22.5°	6165.3	6127.7	6480.2	6954.5	7429.0	7975.7	8522.4	8957.0	9391.4	9727.4	10063.0
25°	5844.7	5743.1	6104.3	6659.8	7215.6	7890.6	8565.8	9062.5	9558.9	9887.8	10216.9
27.5°	5564.5	5440.8	5769.7	6390.3	7010.9	7833.7	8656.4	9227.4	9797.9	10111.9	10425.7
30°	5318.0	5221.0	5497.2	6165.0	6832.9	7807.0	8780.7	9440.8	10101.0	10404.0	10707.3
32.5°	5102.1	5059.0	5281.5	5970.8	6659.8	7774.0	8887.8	9663.6	10439.4	10739.4	11039.7
35°	4898.3	4916.1	5101.5	5779.9	6458.1	7712.0	8966.4	9917.4	10868.5	11156.1	11443.5
37.5°	4684.6	4750.0	4912.0	5555.1	6198.3	7605.6	9013.0	10201.7	11390.5	11757.0	12123.4
40°	4450.4	4550.8	4697.7	5287.1	5876.3	7459.2	9042.4	10562.7	12082.8	12616.8	13150.9
42.5°	4201.9	4328.3	4463.7	4991.1	5518.6	7308.1	9098.2	11034.9	12971.8	13742.7	14513.5
45°	3954.7	4076.8	4214.2	4676.9	5139.5	7167.7	9196.3	11656.4	14116.5	15156.4	16196.1
47.5°	3734.0	3839.2	4016.5	4428.2	4840.0	7051.8	9263.5	12318.4	15373.4	16837.1	18300.6
50°	3539.7	3662.0	3895.0	4263.1	4631.3	6925.4	9219.7	12932.7	16645.9	18852.4	21058.7
52.5°	3395.0	3565.9	3833.7	4154.3	4475.3	6712.0	8949.1	13331.7	17714.0	20969.4	24224.8
55°	3318.1	3575.5	3824.7	4075.5	4326.3	6358.2	8389.9	13243.7	18097.2	22846.3	27595.8
57.5°	3271.9	3585.1	3804.9	3982.1	4159.2	5859.2	7559.0	12625.0	17691.5	24176.6	30661.6
60°	3228.5	3554.9	3699.9	3839.2	3978.5	5211.4	6444.4	11473.7	16503.0	24509.0	32514.6
62.5°	3178.0	3480.7	3498.5	3590.9	3683.4	4436.2	5189.0	9916.9	14644.8	23109.2	31573.7
65°	3071.4	3302.1	3300.0	3343.7	3387.3	3738.7	4090.1	8328.4	12567.1	21128.8	29690.5
67.5°	2881.3	3010.9	3017.0	2992.8	2968.4	3068.3	3168.1	6772.4	10376.8	18772.0	27167.1
70°	2640.1	2682.6	2682.6	2569.8	2456.5	2428.2	2399.7	5332.4	8265.0	16200.3	24135.6
72.5°	2371.4	2370.8	2344.0	2183.8	2023.4	1937.0	1851.0	4076.6	6302.1	13412.4	20523.1
75°	2066.4	2076.9	1952.7	1773.0	1593.4	1515.4	1437.4	2958.8	4480.2	10216.6	15953.0
77.5°	1761.0	1766.5	1561.8	1387.3	1212.9	1159.6	1106.6	2004.9	2903.2	7150.7	11398.2
80°	1412.7	1413.5	1168.9	1021.4	873.6	851.7	829.6	1291.7	1754.1	4607.1	7460.1
82.5°	1039.0	1027.5	818.7	709.9	601.1	596.7	592.9	794.5	996.7	2666.4	4336.5
85°	684.1	668.9	513.7	434.1	354.3	356.6	358.5	424.8	491.2	1199.5	1907.9
87.5°	302.2	283.0	218.4	185.7	153.3	155.2	157.1	176.1	195.1	392.9	590.6
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: P971323  
 CATALOG NUMBER: NAV-SB6D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2
2.5°	7728.2	7757.6	7799.0	7840.5	7865.2	7889.9	7902.3	7914.7	7909.2	7914.7	7902.3
5°	8380.6	8482.8	8584.0	8685.3	8740.3	8795.2	8828.4	8861.9	8887.3	8861.9	8828.4
7.5°	9027.1	9192.7	9341.8	9491.1	9580.9	9670.8	9719.4	9767.7	9791.0	9767.7	9719.4
10°	9503.7	9699.9	9874.8	10049.8	10155.9	10261.4	10308.6	10355.6	10373.5	10355.6	10308.6
12.5°	9793.6	10005.8	10164.1	10321.9	10398.7	10475.7	10501.4	10527.3	10530.0	10527.3	10501.4
15°	9930.6	10113.9	10213.0	10312.5	10315.2	10318.0	10290.5	10263.0	10230.6	10263.0	10290.5
17.5°	9964.4	10088.3	10090.2	10091.8	9980.6	9869.3	9767.4	9665.2	9593.3	9665.2	9767.4
20°	9986.7	10030.0	9899.6	9769.1	9523.5	9277.9	9099.0	8920.2	8810.3	8920.2	9099.0
22.5°	10006.5	9949.9	9679.5	9409.2	9048.0	8686.7	8463.0	8239.5	8118.0	8239.5	8463.0
25°	10038.3	9859.8	9449.3	9038.9	8600.2	8161.5	7926.2	7691.6	7576.8	7691.6	7926.2
27.5°	10106.4	9786.9	9243.2	8699.9	8213.6	7727.4	7496.0	7265.0	7156.4	7265.0	7496.0
30°	10231.1	9755.3	9086.1	8416.9	7910.3	7403.8	7189.1	6974.6	6873.5	6974.6	7189.1
32.5°	10387.8	9736.1	8979.0	8221.8	7745.7	7269.7	7101.3	6932.6	6859.8	6932.6	7101.3
35°	10645.8	9848.2	9059.2	8270.5	7939.8	7609.2	7569.9	7530.7	7524.6	7530.7	7569.9
37.5°	11185.0	10246.5	9529.5	8812.5	8791.1	8769.6	8949.3	9129.0	9222.3	9129.0	8949.3
40°	12130.3	11109.7	10576.5	10043.3	10419.6	10796.0	11232.8	11669.6	11887.1	11669.6	11232.8
42.5°	13500.9	12488.3	12181.1	11874.0	12694.8	13515.8	14310.2	15104.7	15571.2	15104.7	14310.2
45°	15286.5	14376.6	14241.2	14105.5	15420.6	16736.0	18041.4	19347.2	20139.8	19347.2	18041.4
47.5°	17415.7	16530.5	16503.0	16475.5	18372.8	20269.5	22180.7	24091.7	25213.9	24091.7	22180.7
50°	19965.7	18872.8	18877.4	18882.1	21327.2	23772.1	26294.9	28817.7	30343.0	28817.7	26294.9
52.5°	22901.3	21578.0	21444.1	21310.1	24230.7	27151.2	30272.6	33393.7	35222.0	33393.7	30272.6
55°	26288.1	24980.4	24458.7	23937.0	27187.5	30437.7	34158.8	37879.9	40054.3	37879.9	34158.8
57.5°	29949.6	29237.2	28190.8	27144.7	30426.7	33708.8	37923.6	42138.1	44834.4	42138.1	37923.6
60°	33620.6	34726.9	33427.5	32128.1	35234.1	38340.0	42852.6	47365.1	50279.4	47365.1	42852.6
62.5°	34595.9	37618.1	37471.6	37325.0	40170.3	43015.8	47309.2	51602.2	54295.9	51602.2	47309.2
65°	32526.9	35363.4	35924.7	36485.7	40101.6	43717.7	47880.8	52043.7	54337.1	52043.7	47880.8
67.5°	29864.9	32562.7	32825.8	33088.7	36856.3	40623.5	44804.5	48985.5	50782.2	48985.5	44804.5
70°	27069.9	30004.5	30122.1	30239.9	33609.1	36978.0	40576.0	44173.7	45172.4	44173.7	40576.0
72.5°	23890.3	27257.8	27342.4	27426.7	30062.7	32698.6	35393.4	38087.9	38188.9	38087.9	35393.4
75°	19438.2	22923.3	23236.1	23549.1	25599.9	27650.7	29547.6	31444.5	30936.3	31444.5	29547.6
77.5°	14651.5	17904.9	18352.7	18800.6	20359.6	21918.6	23263.9	24609.5	23735.9	24609.5	23263.9
80°	10197.1	12933.9	13490.4	14047.0	15224.5	16401.4	17108.0	17814.3	16409.1	17814.3	17108.0
82.5°	6207.6	8078.9	8700.7	9322.7	10133.0	10943.5	11238.3	11532.8	10428.5	11532.8	11238.3
85°	2901.1	3894.2	4423.0	4951.9	5617.7	6283.5	6450.7	6618.0	5733.4	6618.0	6450.7
87.5°	924.4	1258.2	1553.3	1848.3	2181.3	2514.2	2528.6	2542.5	2134.6	2542.5	2528.6
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: P971323  
 CATALOG NUMBER: NAV-SB6D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2	7159.2
2.5°	7889.9	7865.2	7840.5	7799.0	7757.6	7728.2	7699.1
5°	8795.2	8740.3	8685.3	8584.0	8482.8	8380.6	8278.7
7.5°	9670.8	9580.9	9491.1	9341.8	9192.7	9027.1	8861.1
10°	10261.4	10155.9	10049.8	9874.8	9699.9	9503.7	9307.5
12.5°	10475.7	10398.7	10321.9	10164.1	10005.8	9793.6	9580.9
15°	10318.0	10315.2	10312.5	10213.0	10113.9	9930.6	9747.1
17.5°	9869.3	9980.6	10091.8	10090.2	10088.3	9964.4	9840.5
20°	9277.9	9523.5	9769.1	9899.6	10030.0	9986.7	9943.5
22.5°	8686.7	9048.0	9409.2	9679.5	9949.9	10006.5	10063.0
25°	8161.5	8600.2	9038.9	9449.3	9859.8	10038.3	10216.9
27.5°	7727.4	8213.6	8699.9	9243.2	9786.9	10106.4	10425.7
30°	7403.8	7910.3	8416.9	9086.1	9755.3	10231.1	10707.3
32.5°	7269.7	7745.7	8221.8	8979.0	9736.1	10387.8	11039.7
35°	7609.2	7939.8	8270.5	9059.2	9848.2	10645.8	11443.5
37.5°	8769.6	8791.1	8812.5	9529.5	10246.5	11185.0	12123.4
40°	10796.0	10419.6	10043.3	10576.5	11109.7	12130.3	13150.9
42.5°	13515.8	12694.8	11874.0	12181.1	12488.3	13500.9	14513.5
45°	16736.0	15420.6	14105.5	14241.2	14376.6	15286.5	16196.1
47.5°	20269.5	18372.8	16475.5	16503.0	16530.5	17415.7	18300.6
50°	23772.1	21327.2	18882.1	18877.4	18872.8	19965.7	21058.7
52.5°	27151.2	24230.7	21310.1	21444.1	21578.0	22901.3	24224.8
55°	30437.7	27187.5	23937.0	24458.7	24980.4	26288.1	27595.8
57.5°	33708.8	30426.7	27144.7	28190.8	29237.2	29949.6	30661.6
60°	38340.0	35234.1	32128.1	33427.5	34726.9	33620.6	32514.6
62.5°	43015.8	40170.3	37325.0	37471.6	37618.1	34595.9	31573.7
65°	43717.7	40101.6	36485.7	35924.7	35363.4	32526.9	29690.5
67.5°	40623.5	36856.3	33088.7	32825.8	32562.7	29864.9	27167.1
70°	36978.0	33609.1	30239.9	30122.1	30004.5	27069.9	24135.6
72.5°	32698.6	30062.7	27426.7	27342.4	27257.8	23890.3	20523.1
75°	27650.7	25599.9	23549.1	23236.1	22923.3	19438.2	15953.0
77.5°	21918.6	20359.6	18800.6	18352.7	17904.9	14651.5	11398.2
80°	16401.4	15224.5	14047.0	13490.4	12933.9	10197.1	7460.1
82.5°	10943.5	10133.0	9322.7	8700.7	8078.9	6207.6	4336.5
85°	6283.5	5617.7	4951.9	4423.0	3894.2	2901.1	1907.9
87.5°	2514.2	2181.3	1848.3	1553.3	1258.2	924.4	590.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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