

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: P970331

Luminaire Tested: **NAV-SB6B-730-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P970331
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-730-U-SLR
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 34875.6 lumens
Efficiency: N/A
Efficacy: 158.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

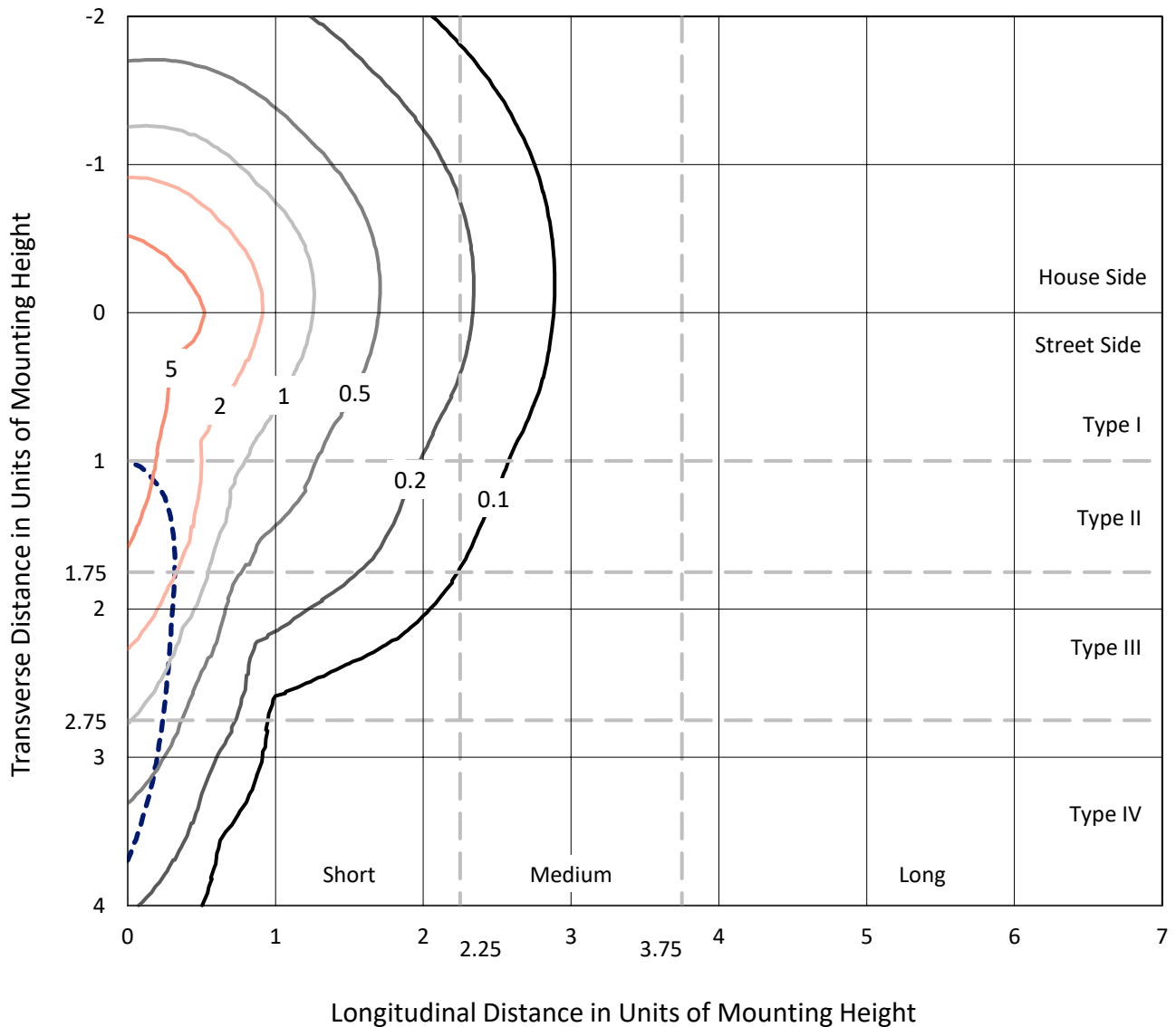
Input Watts (W): 220.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

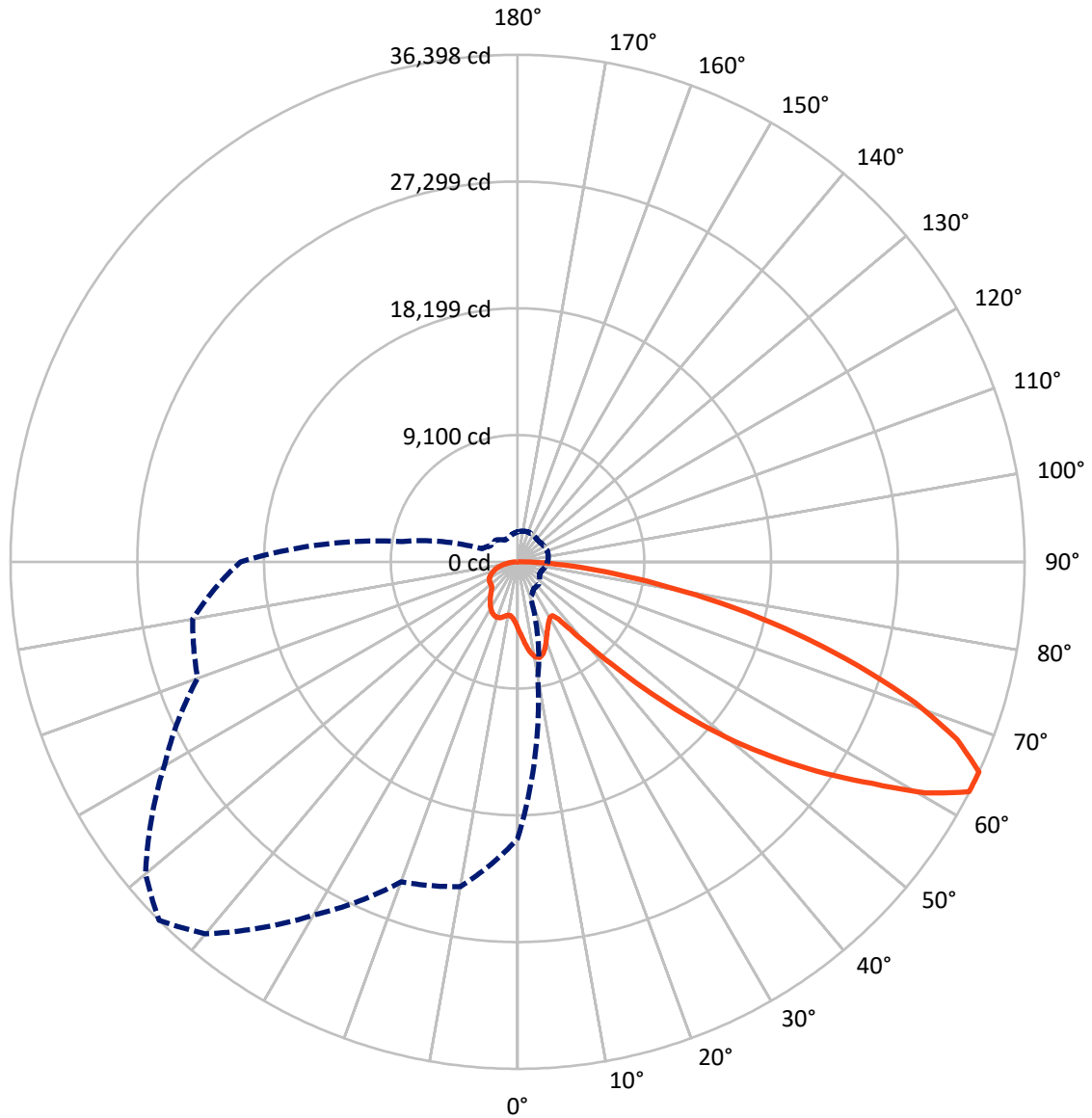
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.5 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
House Side	Lumens	8863.6	0.0	8863.6
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	26012.0	0.0	26012.0
	% Fixture	74.6	0.0	74.6
Total	Lumens	34875.6	0.0	34875.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	475.7	1.4
10°-20°	1493.4	4.3
20°-30°	2306.8	6.6
30°-40°	2923.3	8.4
40°-50°	4409.1	12.6
50°-60°	7123.5	20.4
60°-70°	8880.6	25.5
70°-80°	5823.5	16.7
80°-90°	1439.7	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°	34875.6	100.0
0°-180°	34875.6	100.0

Coefficient of Utilization

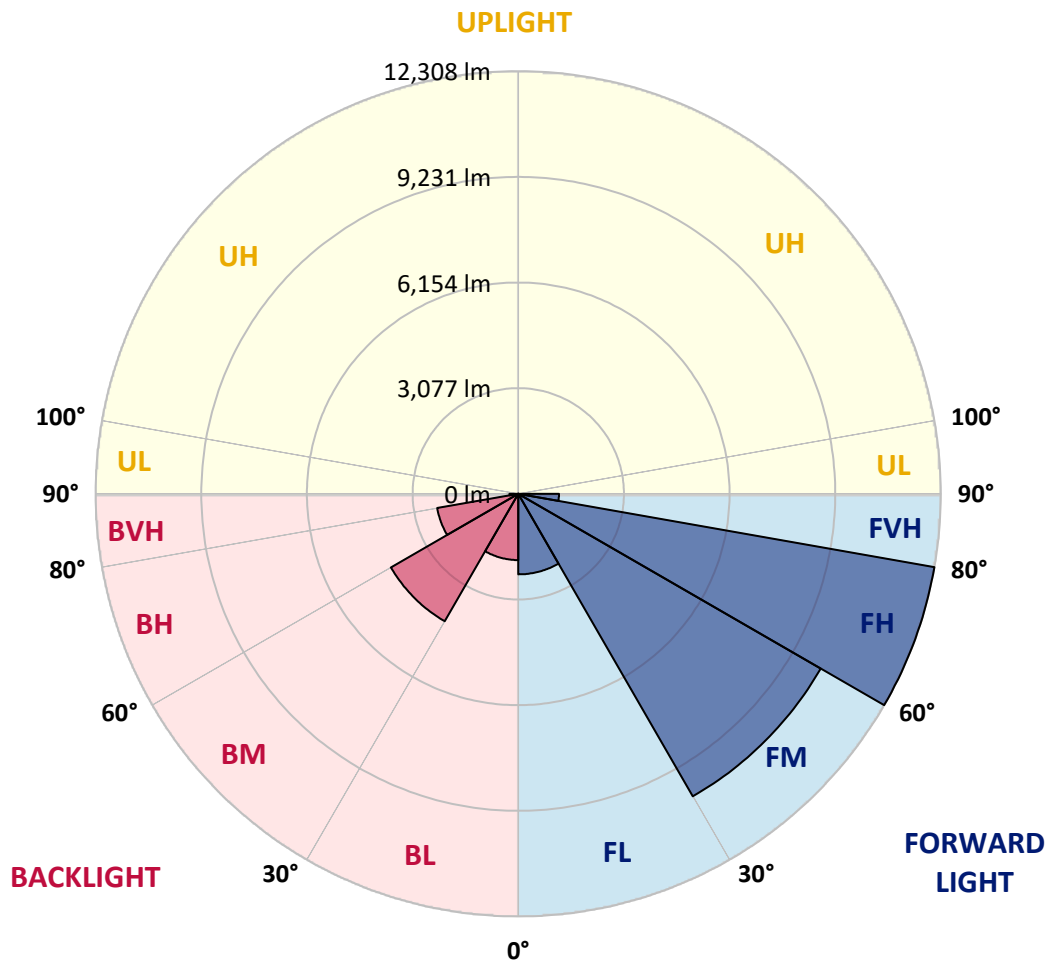


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2345.8	6.7			
FM (30°-60°)	10172.5	29.2			
FH (60°-80°)	12307.7	35.3			G5
FVH (80°-90°)	1186.0	3.4			G5
BL (0°-30°)	1930.2	5.5	B3/2500		
BM (30°-60°)	4283.5	12.3	B3/5000		
BH (60°-80°)	2396.3	6.9	B3/2500		G3/2500
BVH (80°-90°)	253.7	0.7			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: 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°	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7
2.5°	5157.3	5117.7	5078.2	5036.0	4994.1	4951.8	4909.4	4869.0	4828.5	4789.2	4745.6
5°	5545.6	5458.2	5370.8	5283.6	5196.5	5108.7	5021.2	4939.3	4857.4	4780.1	4703.7
7.5°	5935.8	5791.5	5647.3	5514.1	5380.9	5251.2	5121.4	5007.1	4892.8	4787.5	4688.6
10°	6234.8	6052.4	5870.1	5693.9	5518.0	5360.4	5202.8	5067.7	4932.2	4802.1	4695.9
12.5°	6417.8	6217.4	6017.3	5817.8	5618.3	5432.4	5246.6	5093.6	4940.7	4804.0	4705.2
15°	6529.2	6320.4	6111.5	5895.1	5678.6	5464.6	5250.6	5073.5	4896.5	4745.1	4666.0
17.5°	6591.8	6380.0	6168.1	5932.1	5695.9	5447.6	5199.1	4986.2	4773.2	4595.1	4546.4
20°	6660.8	6440.7	6220.4	5961.0	5701.5	5400.4	5099.4	4835.4	4571.6	4364.1	4351.2
22.5°	6740.8	6515.9	6290.9	5999.9	5708.8	5342.6	4976.4	4658.6	4340.8	4104.7	4129.9
25°	6843.9	6623.4	6403.2	6070.7	5738.0	5285.6	4833.4	4461.1	4089.0	3847.0	3915.1
27.5°	6983.7	6773.6	6563.3	6181.1	5798.6	5247.5	4696.3	4280.6	3864.9	3644.6	3727.4
30°	7172.3	6969.2	6766.2	6324.0	5881.9	5229.7	4577.0	4129.7	3682.3	3497.4	3562.4
32.5°	7395.1	7194.0	6993.0	6473.3	5953.6	5207.5	4461.1	3999.7	3537.9	3388.9	3417.8
35°	7665.6	7473.1	7280.4	6643.3	6006.2	5166.0	4326.1	3871.7	3417.4	3293.1	3281.1
37.5°	8121.1	7875.6	7630.1	6833.8	6037.5	5094.8	4152.0	3721.2	3290.4	3181.8	3138.0
40°	8809.3	8451.5	8093.8	7075.6	6057.2	4996.7	3936.3	3541.6	3146.9	3048.4	2981.2
42.5°	9722.0	9205.7	8689.3	7391.9	6094.5	4895.4	3696.7	3343.3	2990.0	2899.3	2814.6
45°	10849.2	10152.6	9456.1	7808.1	6160.2	4801.4	3442.8	3132.8	2823.0	2730.9	2649.0
47.5°	12258.8	11278.6	10298.1	8251.7	6205.3	4723.7	3242.2	2966.4	2690.4	2571.7	2501.3
50°	14106.5	12628.5	11150.5	8663.2	6175.9	4639.0	3102.3	2855.8	2609.1	2453.0	2371.1
52.5°	16227.4	14046.6	11865.9	8930.4	5994.6	4496.1	2997.8	2782.9	2568.0	2388.7	2274.2
55°	18485.4	15303.9	12122.7	8871.5	5620.2	4259.1	2898.0	2730.0	2562.0	2395.1	2222.6
57.5°	20539.1	16195.0	11850.8	8457.1	5063.5	3924.9	2786.2	2667.5	2548.8	2401.6	2191.8
60°	21780.3	16417.6	11054.7	7685.9	4316.9	3490.9	2665.1	2571.7	2478.4	2381.3	2162.6
62.5°	21150.1	15480.1	9810.1	6642.9	3475.9	2971.7	2467.4	2405.4	2343.6	2331.6	2128.8
65°	19888.5	14153.4	8418.2	5578.9	2739.7	2504.4	2269.0	2239.7	2210.5	2212.0	2057.4
67.5°	18198.3	12574.6	6951.0	4536.5	2122.2	2055.3	1988.4	2004.8	2021.0	2016.9	1930.1
70°	16167.5	10852.0	5536.4	3571.9	1607.5	1626.6	1645.5	1721.4	1797.0	1797.0	1768.4
72.5°	13747.6	8984.4	4221.6	2730.7	1239.9	1297.5	1355.4	1462.8	1570.1	1588.1	1588.5
75°	10686.3	6843.7	3001.1	1981.9	962.8	1015.1	1067.3	1187.7	1308.0	1391.2	1384.3
77.5°	7635.2	4790.0	1944.7	1343.1	741.3	776.7	812.5	929.4	1046.2	1183.3	1179.6
80°	4997.2	3086.1	1175.0	865.3	555.8	570.5	585.2	684.2	783.0	946.8	946.3
82.5°	2904.8	1786.2	667.7	532.2	397.1	399.7	402.6	475.5	548.4	688.3	696.0
85°	1278.1	803.5	329.0	284.5	240.2	238.8	237.4	290.8	344.1	448.1	458.2
87.5°	395.6	263.1	130.7	118.0	105.3	103.9	102.7	124.4	146.3	189.5	202.4
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7
2.5°	4710.3	4675.1	4643.4	4611.7	4583.9	4556.1	4528.1	4500.4	4478.8	4457.1	4439.6
5°	4637.1	4570.3	4514.3	4458.5	4409.2	4359.9	4315.2	4270.4	4235.9	4201.3	4177.2
7.5°	4599.9	4511.3	4437.7	4364.1	4302.1	4239.9	4185.1	4130.4	4089.4	4048.5	4019.8
10°	4602.5	4509.0	4435.4	4361.8	4295.0	4228.0	4166.3	4104.7	4055.7	4006.6	3974.5
12.5°	4628.6	4552.4	4503.4	4454.9	4402.3	4350.0	4286.1	4222.5	4159.9	4097.3	4055.9
15°	4629.3	4592.9	4599.5	4606.1	4592.5	4578.9	4523.5	4468.2	4379.1	4290.0	4227.1
17.5°	4559.8	4573.0	4653.3	4733.4	4776.2	4818.7	4773.9	4729.5	4611.5	4493.5	4400.7
20°	4413.9	4476.4	4615.7	4755.2	4844.5	4933.7	4913.1	4892.3	4757.4	4622.8	4509.0
22.5°	4222.5	4315.0	4474.0	4633.4	4749.5	4865.7	4878.2	4890.5	4761.6	4632.8	4515.8
25°	4021.9	4128.6	4271.6	4414.8	4529.1	4643.4	4686.0	4728.5	4622.9	4517.5	4413.3
27.5°	3830.5	3933.5	4051.1	4168.6	4260.2	4351.8	4399.3	4447.0	4371.7	4296.6	4215.8
30°	3644.1	3726.2	3823.7	3921.2	3997.2	4073.3	4112.1	4150.7	4093.4	4036.0	3978.2
32.5°	3466.1	3514.5	3592.3	3670.4	3743.3	3816.3	3859.2	3902.3	3849.6	3796.8	3750.6
35°	3294.5	3307.9	3367.3	3426.6	3498.7	3571.0	3622.6	3674.1	3636.5	3599.2	3556.4
37.5°	3123.3	3108.5	3151.3	3193.8	3265.8	3337.8	3401.6	3465.2	3447.9	3430.6	3391.4
40°	2947.9	2914.6	2945.3	2976.1	3045.6	3115.2	3188.5	3261.9	3266.1	3270.2	3236.8
42.5°	2770.5	2726.3	2751.4	2776.6	2842.4	2908.5	2987.7	3066.8	3087.9	3109.1	3080.9
45°	2606.0	2563.1	2584.1	2605.4	2668.0	2730.6	2812.6	2894.7	2925.0	2955.5	2930.1
47.5°	2465.2	2429.1	2449.0	2468.7	2530.0	2591.1	2672.1	2753.0	2788.0	2823.0	2805.3
50°	2339.2	2307.3	2338.2	2369.3	2427.1	2484.7	2557.2	2629.7	2674.6	2719.5	2718.4
52.5°	2242.5	2211.0	2257.7	2304.0	2357.0	2409.8	2477.3	2545.1	2598.3	2651.5	2661.0
55°	2172.6	2122.8	2188.8	2254.7	2311.7	2368.8	2428.0	2487.1	2543.4	2599.9	2613.1
57.5°	2118.9	2046.0	2117.0	2188.1	2255.0	2322.0	2380.6	2439.3	2496.1	2552.8	2566.2
60°	2068.2	1973.6	2036.1	2098.3	2175.2	2252.1	2311.6	2371.1	2428.2	2485.2	2500.0
62.5°	2010.6	1892.7	1932.2	1971.8	2061.5	2151.3	2214.7	2278.3	2330.5	2382.7	2397.0
65°	1931.9	1806.3	1821.5	1836.6	1932.6	2028.9	2089.6	2150.3	2196.4	2242.4	2256.8
67.5°	1825.5	1721.0	1716.3	1711.4	1800.1	1889.0	1946.6	2004.1	2043.7	2083.5	2097.7
70°	1694.1	1619.8	1603.2	1586.7	1664.7	1742.7	1792.4	1842.1	1878.0	1913.9	1927.5
72.5°	1537.5	1486.6	1462.3	1438.2	1499.6	1560.9	1605.8	1650.7	1685.8	1721.0	1737.2
75°	1345.0	1305.6	1282.5	1259.1	1304.7	1350.3	1391.0	1431.7	1463.7	1495.8	1512.7
77.5°	1148.1	1116.6	1093.1	1069.6	1106.7	1143.7	1178.6	1213.6	1247.3	1280.8	1296.6
80°	919.9	893.5	873.7	853.9	884.8	915.5	944.9	974.4	1000.0	1025.4	1046.3
82.5°	683.1	670.2	656.2	642.3	639.7	637.1	626.8	616.4	671.0	725.4	761.2
85°	444.4	430.6	415.0	399.3	386.1	372.7	344.1	315.6	366.5	417.7	461.9
87.5°	196.9	191.4	188.4	185.5	184.9	184.4	162.7	140.7	162.2	183.7	201.5
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°	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7
2.5°	4422.2	4408.5	4394.9	4382.4	4369.7	4354.0	4369.7	4382.4	4394.9	4408.5	4422.2
5°	4153.1	4136.0	4118.9	4105.7	4092.7	4079.8	4092.7	4105.7	4118.9	4136.0	4153.1
7.5°	3991.1	3971.5	3952.0	3940.2	3928.6	3919.7	3928.6	3940.2	3952.0	3971.5	3991.1
10°	3942.2	3923.6	3905.0	3895.1	3885.2	3881.1	3885.2	3895.1	3905.0	3923.6	3942.2
12.5°	4014.5	3993.7	3973.1	3964.6	3956.2	3954.7	3956.2	3964.6	3973.1	3993.7	4014.5
15°	4164.2	4135.3	4106.6	4095.5	4084.4	4083.5	4084.4	4095.5	4106.6	4135.3	4164.2
17.5°	4308.1	4265.3	4222.5	4208.4	4194.3	4192.0	4194.3	4208.4	4222.5	4265.3	4308.1
20°	4395.4	4340.8	4285.9	4268.5	4251.0	4245.4	4251.0	4268.5	4285.9	4340.8	4395.4
22.5°	4398.6	4341.0	4283.2	4263.9	4244.5	4236.2	4244.5	4263.9	4283.2	4341.0	4398.6
25°	4309.5	4259.5	4209.6	4191.3	4173.3	4162.6	4173.3	4191.3	4209.6	4259.5	4309.5
27.5°	4135.1	4101.5	4067.9	4059.6	4051.3	4048.5	4051.3	4059.6	4067.9	4101.5	4135.1
30°	3920.1	3903.0	3885.7	3885.7	3885.7	3888.4	3885.7	3885.7	3885.7	3903.0	3920.1
32.5°	3704.5	3693.2	3682.0	3683.4	3685.1	3687.8	3685.1	3683.4	3682.0	3693.2	3704.5
35°	3514.0	3496.9	3479.9	3476.3	3472.6	3470.8	3472.6	3476.3	3479.9	3496.9	3514.0
37.5°	3352.1	3320.9	3290.0	3273.6	3257.2	3248.0	3257.2	3273.6	3290.0	3320.9	3352.1
40°	3203.5	3158.2	3113.3	3082.8	3052.7	3034.6	3052.7	3082.8	3113.3	3158.2	3203.5
42.5°	3053.0	2996.9	2940.7	2896.3	2852.1	2823.0	2852.1	2896.3	2940.7	2996.9	3053.0
45°	2904.8	2840.6	2776.6	2724.4	2672.4	2639.0	2672.4	2724.4	2776.6	2840.6	2904.8
47.5°	2787.6	2730.6	2673.5	2625.3	2577.3	2545.1	2577.3	2625.3	2673.5	2730.6	2787.6
50°	2717.7	2672.1	2626.5	2581.9	2537.4	2506.4	2537.4	2581.9	2626.5	2672.1	2717.7
52.5°	2670.5	2633.4	2596.2	2556.2	2516.6	2488.0	2516.6	2556.2	2596.2	2633.4	2670.5
55°	2626.5	2594.1	2561.7	2526.6	2491.7	2465.9	2491.7	2526.6	2561.7	2594.1	2626.5
57.5°	2579.6	2546.9	2514.1	2479.6	2444.7	2418.1	2444.7	2479.6	2514.1	2546.9	2579.6
60°	2514.7	2482.7	2450.9	2415.1	2379.4	2351.9	2379.4	2415.1	2450.9	2482.7	2514.7
62.5°	2411.1	2382.2	2353.3	2315.8	2278.3	2245.1	2278.3	2315.8	2353.3	2382.2	2411.1
65°	2271.2	2243.4	2215.6	2179.3	2143.0	2114.5	2143.0	2179.3	2215.6	2243.4	2271.2
67.5°	2111.7	2086.1	2060.8	2026.8	1993.0	1967.2	1993.0	2026.8	2060.8	2086.1	2111.7
70°	1941.1	1920.3	1899.5	1867.1	1834.7	1805.3	1834.7	1867.1	1899.5	1920.3	1941.1
72.5°	1753.4	1736.1	1718.8	1687.9	1657.1	1628.6	1657.1	1687.9	1718.8	1736.1	1753.4
75°	1529.6	1521.2	1512.7	1486.8	1460.8	1433.6	1460.8	1486.8	1512.7	1521.2	1529.6
77.5°	1312.5	1300.7	1288.5	1262.4	1236.3	1214.5	1236.3	1262.4	1288.5	1300.7	1312.5
80°	1067.3	1062.2	1057.2	1022.0	986.8	945.9	986.8	1022.0	1057.2	1062.2	1067.3
82.5°	796.8	794.6	792.2	762.6	732.8	706.6	732.8	762.6	792.2	794.6	796.8
85°	506.0	502.4	498.7	475.5	452.3	428.8	452.3	475.5	498.7	502.4	506.0
87.5°	219.4	214.9	210.1	198.3	186.2	174.9	186.2	198.3	210.1	214.9	219.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P970331

CATALOG NUMBER: NAV-SB6B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7
2.5°	4439.6	4457.1	4478.8	4500.4	4528.1	4556.1	4583.9	4611.7	4643.4	4675.1	4710.3
5°	4177.2	4201.3	4235.9	4270.4	4315.2	4359.9	4409.2	4458.5	4514.3	4570.3	4637.1
7.5°	4019.8	4048.5	4089.4	4130.4	4185.1	4239.9	4302.1	4364.1	4437.7	4511.3	4599.9
10°	3974.5	4006.6	4055.7	4104.7	4166.3	4228.0	4295.0	4361.8	4435.4	4509.0	4602.5
12.5°	4055.9	4097.3	4159.9	4222.5	4286.1	4350.0	4402.3	4454.9	4503.4	4552.4	4628.6
15°	4227.1	4290.0	4379.1	4468.2	4523.5	4578.9	4592.5	4606.1	4599.5	4592.9	4629.3
17.5°	4400.7	4493.5	4611.5	4729.5	4773.9	4818.7	4776.2	4733.4	4653.3	4573.0	4559.8
20°	4509.0	4622.8	4757.4	4892.3	4913.1	4933.7	4844.5	4755.2	4615.7	4476.4	4413.9
22.5°	4515.8	4632.8	4761.6	4890.5	4878.2	4865.7	4749.5	4633.4	4474.0	4315.0	4222.5
25°	4413.3	4517.5	4622.9	4728.5	4686.0	4643.4	4529.1	4414.8	4271.6	4128.6	4021.9
27.5°	4215.8	4296.6	4371.7	4447.0	4399.3	4351.8	4260.2	4168.6	4051.1	3933.5	3830.5
30°	3978.2	4036.0	4093.4	4150.7	4112.1	4073.3	3997.2	3921.2	3823.7	3726.2	3644.1
32.5°	3750.6	3796.8	3849.6	3902.3	3859.2	3816.3	3743.3	3670.4	3592.3	3514.5	3466.1
35°	3556.4	3599.2	3636.5	3674.1	3622.6	3571.0	3498.7	3426.6	3367.3	3307.9	3294.5
37.5°	3391.4	3430.6	3447.9	3465.2	3401.6	3337.8	3265.8	3193.8	3151.3	3108.5	3123.3
40°	3236.8	3270.2	3266.1	3261.9	3188.5	3115.2	3045.6	2976.1	2945.3	2914.6	2947.9
42.5°	3080.9	3109.1	3087.9	3066.8	2987.7	2908.5	2842.4	2776.6	2751.4	2726.3	2770.5
45°	2930.1	2955.5	2925.0	2894.7	2812.6	2730.6	2668.0	2605.4	2584.1	2563.1	2606.0
47.5°	2805.3	2823.0	2788.0	2753.0	2672.1	2591.1	2530.0	2468.7	2449.0	2429.1	2465.2
50°	2718.4	2719.5	2674.6	2629.7	2557.2	2484.7	2427.1	2369.3	2338.2	2307.3	2339.2
52.5°	2661.0	2651.5	2598.3	2545.1	2477.3	2409.8	2357.0	2304.0	2257.7	2211.0	2242.5
55°	2613.1	2599.9	2543.4	2487.1	2428.0	2368.8	2311.7	2254.7	2188.8	2122.8	2172.6
57.5°	2566.2	2552.8	2496.1	2439.3	2380.6	2322.0	2255.0	2188.1	2117.0	2046.0	2118.9
60°	2500.0	2485.2	2428.2	2371.1	2311.6	2252.1	2175.2	2098.3	2036.1	1973.6	2068.2
62.5°	2397.0	2382.7	2330.5	2278.3	2214.7	2151.3	2061.5	1971.8	1932.2	1892.7	2010.6
65°	2256.8	2242.4	2196.4	2150.3	2089.6	2028.9	1932.6	1836.6	1821.5	1806.3	1931.9
67.5°	2097.7	2083.5	2043.7	2004.1	1946.6	1889.0	1800.1	1711.4	1716.3	1721.0	1825.5
70°	1927.5	1913.9	1878.0	1842.1	1792.4	1742.7	1664.7	1586.7	1603.2	1619.8	1694.1
72.5°	1737.2	1721.0	1685.8	1650.7	1605.8	1560.9	1499.6	1438.2	1462.3	1486.6	1537.5
75°	1512.7	1495.8	1463.7	1431.7	1391.0	1350.3	1304.7	1259.1	1282.5	1305.6	1345.0
77.5°	1296.6	1280.8	1247.3	1213.6	1178.6	1143.7	1106.7	1069.6	1093.1	1116.6	1148.1
80°	1046.3	1025.4	1000.0	974.4	944.9	915.5	884.8	853.9	873.7	893.5	919.9
82.5°	761.2	725.4	671.0	616.4	626.8	637.1	639.7	642.3	656.2	670.2	683.1
85°	461.9	417.7	366.5	315.6	344.1	372.7	386.1	399.3	415.0	430.6	444.4
87.5°	201.5	183.7	162.2	140.7	162.7	184.4	184.9	185.5	188.4	191.4	196.9
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: P970331
 CATALOG NUMBER: NAV-SB6B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7
2.5°	4745.6	4789.2	4828.5	4869.0	4909.4	4951.8	4994.1	5036.0	5078.2	5117.7	5157.3
5°	4703.7	4780.1	4857.4	4939.3	5021.2	5108.7	5196.5	5283.6	5370.8	5458.2	5545.6
7.5°	4688.6	4787.5	4892.8	5007.1	5121.4	5251.2	5380.9	5514.1	5647.3	5791.5	5935.8
10°	4695.9	4802.1	4932.2	5067.7	5202.8	5360.4	5518.0	5693.9	5870.1	6052.4	6234.8
12.5°	4705.2	4804.0	4940.7	5093.6	5246.6	5432.4	5618.3	5817.8	6017.3	6217.4	6417.8
15°	4666.0	4745.1	4896.5	5073.5	5250.6	5464.6	5678.6	5895.1	6111.5	6320.4	6529.2
17.5°	4546.4	4595.1	4773.2	4986.2	5199.1	5447.6	5695.9	5932.1	6168.1	6380.0	6591.8
20°	4351.2	4364.1	4571.6	4835.4	5099.4	5400.4	5701.5	5961.0	6220.4	6440.7	6660.8
22.5°	4129.9	4104.7	4340.8	4658.6	4976.4	5342.6	5708.8	5999.9	6290.9	6515.9	6740.8
25°	3915.1	3847.0	4089.0	4461.1	4833.4	5285.6	5738.0	6070.7	6403.2	6623.4	6843.9
27.5°	3727.4	3644.6	3864.9	4280.6	4696.3	5247.5	5798.6	6181.1	6563.3	6773.6	6983.7
30°	3562.4	3497.4	3682.3	4129.7	4577.0	5229.7	5881.9	6324.0	6766.2	6969.2	7172.3
32.5°	3417.8	3388.9	3537.9	3999.7	4461.1	5207.5	5953.6	6473.3	6993.0	7194.0	7395.1
35°	3281.1	3293.1	3417.4	3871.7	4326.1	5166.0	6006.2	6643.3	7280.4	7473.1	7665.6
37.5°	3138.0	3181.8	3290.4	3721.2	4152.0	5094.8	6037.5	6833.8	7630.1	7875.6	8121.1
40°	2981.2	3048.4	3146.9	3541.6	3936.3	4996.7	6057.2	7075.6	8093.8	8451.5	8809.3
42.5°	2814.6	2899.3	2990.0	3343.3	3696.7	4895.4	6094.5	7391.9	8689.3	9205.7	9722.0
45°	2649.0	2730.9	2823.0	3132.8	3442.8	4801.4	6160.2	7808.1	9456.1	10152.6	10849.2
47.5°	2501.3	2571.7	2690.4	2966.4	3242.2	4723.7	6205.3	8251.7	10298.1	11278.6	12258.8
50°	2371.1	2453.0	2609.1	2855.8	3102.3	4639.0	6175.9	8663.2	11150.5	12628.5	14106.5
52.5°	2274.2	2388.7	2568.0	2782.9	2997.8	4496.1	5994.6	8930.4	11865.9	14046.6	16227.4
55°	2222.6	2395.1	2562.0	2730.0	2898.0	4259.1	5620.2	8871.5	12122.7	15303.9	18485.4
57.5°	2191.8	2401.6	2548.8	2667.5	2786.2	3924.9	5063.5	8457.1	11850.8	16195.0	20539.1
60°	2162.6	2381.3	2478.4	2571.7	2665.1	3490.9	4316.9	7685.9	11054.7	16417.6	21780.3
62.5°	2128.8	2331.6	2343.6	2405.4	2467.4	2971.7	3475.9	6642.9	9810.1	15480.1	21150.1
65°	2057.4	2212.0	2210.5	2239.7	2269.0	2504.4	2739.7	5578.9	8418.2	14153.4	19888.5
67.5°	1930.1	2016.9	2021.0	2004.8	1988.4	2055.3	2122.2	4536.5	6951.0	12574.6	18198.3
70°	1768.4	1797.0	1797.0	1721.4	1645.5	1626.6	1607.5	3571.9	5536.4	10852.0	16167.5
72.5°	1588.5	1588.1	1570.1	1462.8	1355.4	1297.5	1239.9	2730.7	4221.6	8984.4	13747.6
75°	1384.3	1391.2	1308.0	1187.7	1067.3	1015.1	962.8	1981.9	3001.1	6843.7	10686.3
77.5°	1179.6	1183.3	1046.2	929.4	812.5	776.7	741.3	1343.1	1944.7	4790.0	7635.2
80°	946.3	946.8	783.0	684.2	585.2	570.5	555.8	865.3	1175.0	3086.1	4997.2
82.5°	696.0	688.3	548.4	475.5	402.6	399.7	397.1	532.2	667.7	1786.2	2904.8
85°	458.2	448.1	344.1	290.8	237.4	238.8	240.2	284.5	329.0	803.5	1278.1
87.5°	202.4	189.5	146.3	124.4	102.7	103.9	105.3	118.0	130.7	263.1	395.6
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: P970331
 CATALOG NUMBER: NAV-SB6B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7
2.5°	5176.9	5196.5	5224.3	5252.1	5268.6	5285.2	5293.5	5301.8	5298.1	5301.8	5293.5
5°	5613.9	5682.3	5750.0	5818.0	5854.8	5891.6	5913.8	5936.3	5953.2	5936.3	5913.8
7.5°	6046.9	6157.9	6257.8	6357.7	6417.8	6478.1	6510.6	6543.0	6558.7	6543.0	6510.6
10°	6366.2	6497.6	6614.8	6732.0	6803.0	6873.8	6905.3	6936.8	6948.8	6936.8	6905.3
12.5°	6560.3	6702.6	6808.6	6914.2	6965.7	7017.3	7034.6	7051.9	7053.6	7051.9	7034.6
15°	6652.1	6774.8	6841.4	6908.0	6909.7	6911.6	6893.2	6874.8	6853.2	6874.8	6893.2
17.5°	6674.8	6757.8	6759.1	6760.2	6685.7	6611.1	6542.9	6474.4	6426.1	6474.4	6542.9
20°	6689.7	6718.8	6631.3	6543.9	6379.4	6214.9	6095.1	5975.3	5901.6	5975.3	6095.1
22.5°	6703.0	6665.1	6483.9	6302.8	6060.8	5818.9	5669.1	5519.3	5437.9	5519.3	5669.1
25°	6724.3	6604.7	6329.7	6054.8	5760.9	5467.0	5309.5	5152.4	5075.4	5152.4	5309.5
27.5°	6769.9	6555.9	6191.7	5827.7	5502.0	5176.2	5021.3	4866.6	4793.8	4866.6	5021.3
30°	6853.5	6534.8	6086.4	5638.2	5298.8	4959.5	4815.8	4672.1	4604.3	4672.1	4815.8
32.5°	6958.3	6521.9	6014.7	5507.5	5188.5	4869.7	4756.8	4643.9	4595.1	4643.9	4756.8
35°	7131.1	6596.9	6068.4	5540.1	5318.5	5097.1	5070.8	5044.5	5040.4	5044.5	5070.8
37.5°	7492.4	6863.8	6383.5	5903.2	5888.8	5874.5	5994.8	6115.2	6177.8	6115.2	5994.8
40°	8125.6	7442.0	7084.8	6727.6	6979.7	7231.8	7524.4	7817.1	7962.8	7817.1	7524.4
42.5°	9043.8	8365.4	8159.7	7953.9	8503.8	9053.7	9585.9	10118.1	10430.5	10118.1	9585.9
45°	10239.9	9630.4	9539.7	9448.8	10329.7	11210.8	12085.3	12960.0	13490.8	12960.0	12085.3
47.5°	11666.1	11073.2	11054.7	11036.4	12307.3	13577.8	14858.0	16138.1	16889.8	16138.1	14858.0
50°	13374.2	12642.1	12645.3	12648.4	14286.2	15924.1	17614.0	19303.9	20325.5	19303.9	17614.0
52.5°	15340.8	14454.2	14364.7	14274.9	16231.2	18187.6	20278.5	22369.2	23593.9	22369.2	20278.5
55°	17609.4	16733.4	16383.9	16034.5	18211.9	20389.1	22881.7	25374.3	26830.9	25374.3	22881.7
57.5°	20062.0	19584.9	18884.0	18183.2	20381.7	22580.2	25403.6	28226.8	30032.9	28226.8	25403.6
60°	22521.2	23262.3	22391.8	21521.4	23602.0	25682.6	28705.3	31728.2	33680.3	31728.2	28705.3
62.5°	23174.5	25198.9	25100.8	25002.6	26908.5	28814.7	31690.6	34566.4	36370.8	34566.4	31690.6
65°	21788.6	23688.7	24064.6	24440.4	26862.6	29284.9	32073.6	34862.1	36398.4	34862.1	32073.6
67.5°	20005.4	21812.5	21988.8	22164.9	24688.7	27212.2	30012.8	32813.5	34017.1	32813.5	30012.8
70°	18133.1	20098.9	20177.6	20256.6	22513.5	24770.1	27180.3	29590.3	30259.2	29590.3	27180.3
72.5°	16003.2	18258.9	18315.6	18372.2	20137.9	21903.6	23708.8	25513.6	25581.3	25513.6	23708.8
75°	13020.9	15355.4	15565.0	15774.6	17148.4	18522.2	19792.9	21063.5	20723.0	21063.5	19792.9
77.5°	9814.5	11993.8	12293.8	12593.8	13638.1	14682.4	15583.6	16485.0	15899.8	16485.0	15583.6
80°	6830.6	8663.9	9036.7	9409.6	10198.3	10986.7	11460.0	11933.2	10991.8	11933.2	11460.0
82.5°	4158.2	5411.8	5828.3	6244.9	6787.8	7330.7	7528.1	7725.4	6985.6	7725.4	7528.1
85°	1943.3	2608.5	2962.8	3317.1	3763.1	4209.1	4321.1	4433.1	3840.6	4433.1	4321.1
87.5°	619.2	842.9	1040.5	1238.1	1461.1	1684.2	1693.8	1703.1	1429.9	1703.1	1693.8
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: P970331
 CATALOG NUMBER: NAV-SB6B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7	4795.7
2.5°	5285.2	5268.6	5252.1	5224.3	5196.5	5176.9	5157.3
5°	5891.6	5854.8	5818.0	5750.0	5682.3	5613.9	5545.6
7.5°	6478.1	6417.8	6357.7	6257.8	6157.9	6046.9	5935.8
10°	6873.8	6803.0	6732.0	6614.8	6497.6	6366.2	6234.8
12.5°	7017.3	6965.7	6914.2	6808.6	6702.6	6560.3	6417.8
15°	6911.6	6909.7	6908.0	6841.4	6774.8	6652.1	6529.2
17.5°	6611.1	6685.7	6760.2	6759.1	6757.8	6674.8	6591.8
20°	6214.9	6379.4	6543.9	6631.3	6718.8	6689.7	6660.8
22.5°	5818.9	6060.8	6302.8	6483.9	6665.1	6703.0	6740.8
25°	5467.0	5760.9	6054.8	6329.7	6604.7	6724.3	6843.9
27.5°	5176.2	5502.0	5827.7	6191.7	6555.9	6769.9	6983.7
30°	4959.5	5298.8	5638.2	6086.4	6534.8	6853.5	7172.3
32.5°	4869.7	5188.5	5507.5	6014.7	6521.9	6958.3	7395.1
35°	5097.1	5318.5	5540.1	6068.4	6596.9	7131.1	7665.6
37.5°	5874.5	5888.8	5903.2	6383.5	6863.8	7492.4	8121.1
40°	7231.8	6979.7	6727.6	7084.8	7442.0	8125.6	8809.3
42.5°	9053.7	8503.8	7953.9	8159.7	8365.4	9043.8	9722.0
45°	11210.8	10329.7	9448.8	9539.7	9630.4	10239.9	10849.2
47.5°	13577.8	12307.3	11036.4	11054.7	11073.2	11666.1	12258.8
50°	15924.1	14286.2	12648.4	12645.3	12642.1	13374.2	14106.5
52.5°	18187.6	16231.2	14274.9	14364.7	14454.2	15340.8	16227.4
55°	20389.1	18211.9	16034.5	16383.9	16733.4	17609.4	18485.4
57.5°	22580.2	20381.7	18183.2	18884.0	19584.9	20062.0	20539.1
60°	25682.6	23602.0	21521.4	22391.8	23262.3	22521.2	21780.3
62.5°	28814.7	26908.5	25002.6	25100.8	25198.9	23174.5	21150.1
65°	29284.9	26862.6	24440.4	24064.6	23688.7	21788.6	19888.5
67.5°	27212.2	24688.7	22164.9	21988.8	21812.5	20005.4	18198.3
70°	24770.1	22513.5	20256.6	20177.6	20098.9	18133.1	16167.5
72.5°	21903.6	20137.9	18372.2	18315.6	18258.9	16003.2	13747.6
75°	18522.2	17148.4	15774.6	15565.0	15355.4	13020.9	10686.3
77.5°	14682.4	13638.1	12593.8	12293.8	11993.8	9814.5	7635.2
80°	10986.7	10198.3	9409.6	9036.7	8663.9	6830.6	4997.2
82.5°	7330.7	6787.8	6244.9	5828.3	5411.8	4158.2	2904.8
85°	4209.1	3763.1	3317.1	2962.8	2608.5	1943.3	1278.1
87.5°	1684.2	1461.1	1238.1	1040.5	842.9	619.2	395.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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