

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: STREETWORKS

Report Number: P968934

Luminaire Tested: **NVN-SB5C-830-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P968934
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: STREETWORKS
Catalog Number: NVN-SB5C-830-U-SLL
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(5) 80 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 34717.8 lumens
Efficiency: N/A
Efficacy: 139.1 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): 249.5
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

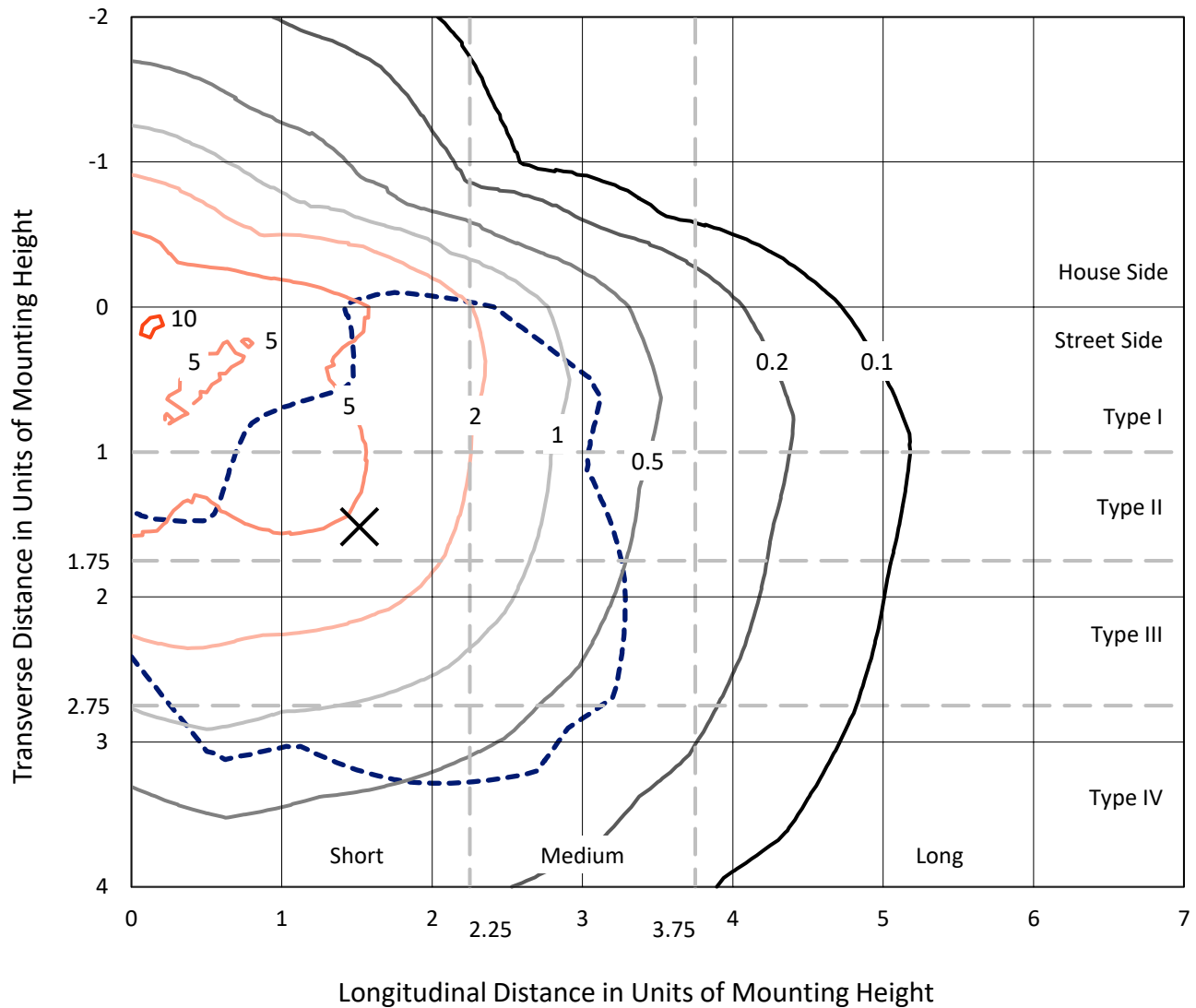


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
- - - 1/2 Max cd

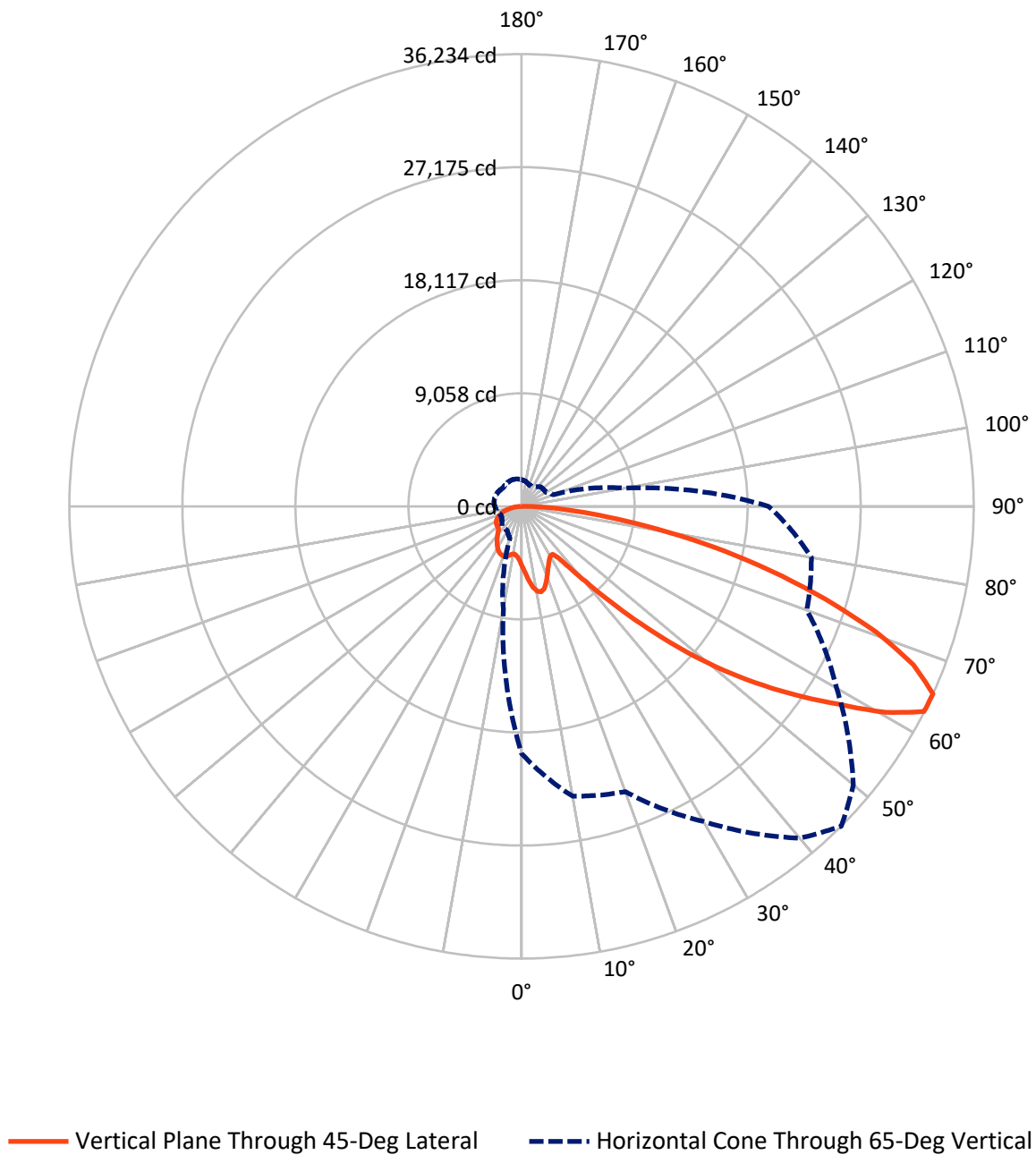


Based on 25 foot mounting height. Maximum calculated value = 10.6 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8823.5	0.0	8823.5
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	25894.3	0.0	25894.3
	% Fixture	74.6	0.0	74.6
Total	Lumens	34717.8	0.0	34717.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	473.6	1.4
10°-20°	1486.7	4.3
20°-30°	2296.4	6.6
30°-40°	2910.1	8.4
40°-50°	4389.1	12.6
50°-60°	7091.3	20.4
60°-70°	8840.4	25.5
70°-80°	5797.1	16.7
80°-90°	1433.2	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°	34717.8	100.0
0°-180°	34717.8	100.0

Coefficient of Utilization



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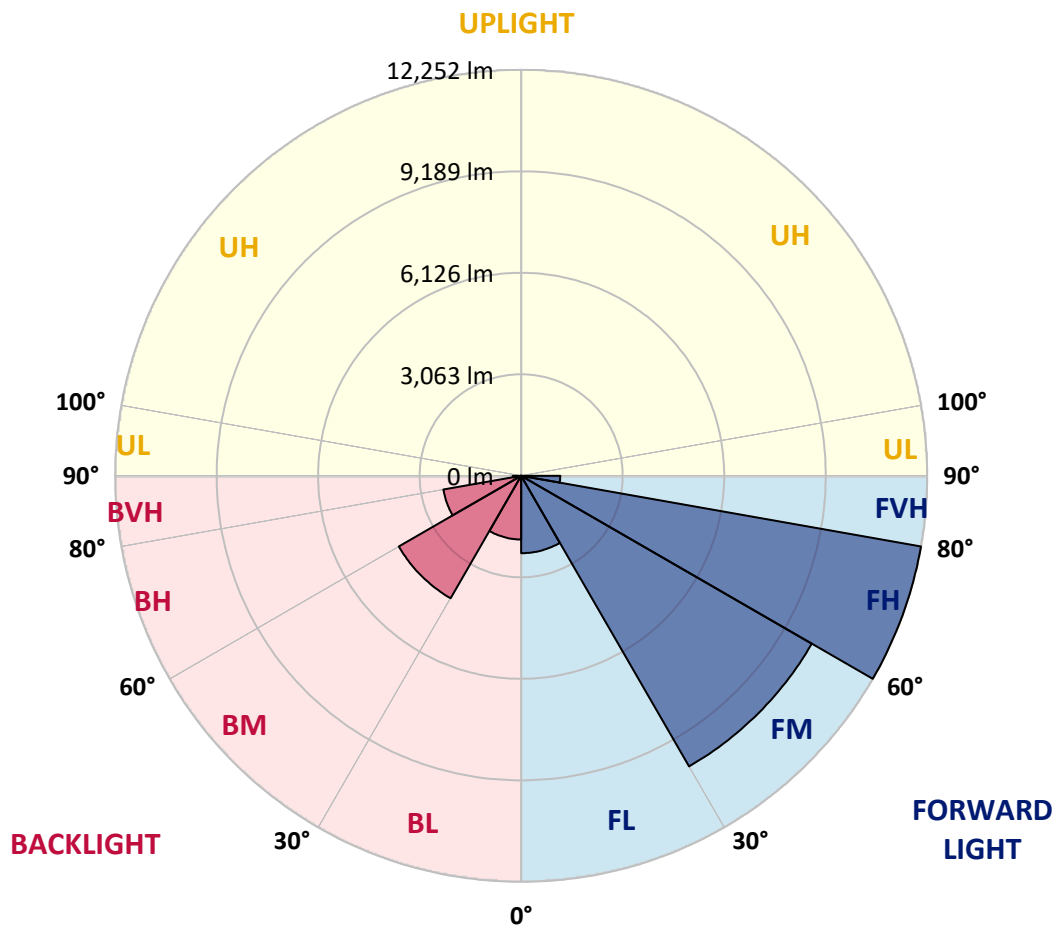
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2335.2	6.7			
FM	(30°-60°)	10126.4	29.2			
FH	(60°-80°)	12252.0	35.3			G5
FVH	(80°-90°)	1180.6	3.4			G5
BL	(0°-30°)	1921.4	5.5	B3/2500		
BM	(30°-60°)	4264.1	12.3	B3/5000		
BH	(60°-80°)	2385.5	6.9	B3/2500		G3/2500
BVH	(80°-90°)	252.6	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°	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0
2.5°	5133.9	5153.4	5173.0	5200.6	5228.3	5244.8	5261.3	5269.5	5277.7	5274.1	5277.7
5°	5520.5	5588.5	5656.6	5724.0	5791.7	5828.3	5864.9	5887.1	5909.4	5926.2	5909.4
7.5°	5908.9	6019.5	6130.0	6229.4	6329.0	6388.8	6448.8	6481.2	6513.4	6528.9	6513.4
10°	6206.6	6337.4	6468.2	6584.8	6701.6	6772.3	6842.6	6874.1	6905.4	6917.3	6905.4
12.5°	6388.8	6530.6	6672.2	6777.7	6882.9	6934.2	6985.5	7002.7	7019.9	7021.8	7019.9
15°	6499.6	6622.0	6744.2	6810.4	6876.7	6878.5	6880.3	6862.1	6843.7	6822.1	6843.7
17.5°	6561.9	6644.6	6727.2	6728.5	6729.5	6655.4	6581.2	6513.3	6445.1	6397.1	6445.1
20°	6630.6	6659.4	6688.3	6601.3	6514.3	6350.6	6186.8	6067.5	5948.3	5875.0	5948.3
22.5°	6710.4	6672.6	6634.8	6454.6	6274.3	6033.5	5792.6	5643.4	5494.3	5413.3	5494.3
25°	6813.0	6693.9	6574.8	6301.1	6027.4	5734.9	5442.2	5285.5	5129.0	5052.4	5129.0
27.5°	6952.2	6739.3	6526.3	6163.7	5801.3	5477.1	5152.9	4998.6	4844.6	4772.2	4844.6
30°	7139.9	6822.4	6505.2	6058.9	5612.7	5274.9	4937.0	4793.9	4650.9	4583.5	4650.9
32.5°	7361.6	6926.8	6492.3	5987.4	5482.6	5165.1	4847.6	4735.3	4622.9	4574.3	4622.9
35°	7630.9	7098.8	6567.1	6040.9	5515.0	5294.4	5074.1	5047.8	5021.7	5017.7	5021.7
37.5°	8084.3	7458.5	6832.8	6354.6	5876.4	5862.2	5847.8	5967.7	6087.5	6149.8	6087.5
40°	8769.4	8088.9	7408.3	7052.7	6697.1	6948.2	7199.1	7490.4	7781.6	7926.7	7781.6
42.5°	9678.0	9002.8	8327.5	8122.7	7917.9	8465.3	9012.7	9542.4	10072.3	10383.4	10072.3
45°	10800.1	10193.5	9586.8	9496.5	9406.0	10283.0	11160.1	12030.6	12901.4	13429.9	12901.4
47.5°	12203.3	11613.2	11023.1	11004.7	10986.5	12251.5	13516.3	14790.7	16065.0	16813.4	16065.0
50°	14042.6	13313.7	12584.9	12588.0	12591.2	14221.6	15852.0	17534.3	19216.5	20233.6	19216.5
52.5°	16153.9	15271.3	14388.8	14299.7	14210.2	16157.8	18105.3	20186.7	22267.9	23487.1	22267.9
55°	18401.7	17529.7	16657.7	16309.8	15961.9	18129.5	20296.8	22778.2	25259.5	26709.4	25259.5
57.5°	20446.1	19971.3	19496.2	18798.5	18100.9	20289.5	22478.0	25288.6	28098.9	29897.0	28098.9
60°	21681.7	22419.3	23157.0	22290.5	21423.9	23495.2	25566.4	28575.5	31584.6	33527.9	31584.6
62.5°	21054.3	23069.6	25084.9	24987.2	24889.5	26786.7	28684.2	31547.1	34410.0	36206.2	34410.0
65°	19798.5	21690.0	23581.5	23955.7	24329.8	26740.9	29152.3	31928.4	34704.3	36233.6	34704.3
67.5°	18115.8	19914.8	21713.8	21889.3	22064.6	24576.9	27089.0	29877.0	32665.0	33863.1	32665.0
70°	16094.3	18051.1	20007.9	20086.3	20164.9	22411.5	24658.0	27057.3	29456.4	30122.3	29456.4
72.5°	13685.4	15930.8	18176.3	18232.8	18289.0	20046.7	21804.5	23601.4	25398.2	25465.6	25398.2
75°	10638.0	12961.9	15285.9	15494.6	15703.2	17070.8	18438.3	19703.3	20968.2	20629.3	20968.2
77.5°	7600.7	9770.0	11939.6	12238.2	12536.8	13576.4	14616.0	15513.1	16410.4	15827.8	16410.4
80°	4974.6	6799.7	8624.7	8995.8	9367.0	10152.1	10937.0	11408.1	11879.1	10942.1	11879.1
82.5°	2891.7	4139.5	5387.3	5801.9	6216.6	6757.0	7297.5	7494.1	7690.4	6954.0	7690.4
85°	1272.2	1934.5	2596.7	2949.4	3302.0	3746.1	4190.0	4301.5	4413.1	3823.2	4413.1
87.5°	393.9	616.4	839.1	1035.8	1232.6	1454.6	1676.6	1686.1	1695.5	1423.4	1695.5
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0
2.5°	5269.5	5261.3	5244.8	5228.3	5200.6	5173.0	5153.4	5133.9	5094.6	5055.2	5013.3
5°	5887.1	5864.9	5828.3	5791.7	5724.0	5656.6	5588.5	5520.5	5433.5	5346.5	5259.7
7.5°	6481.2	6448.8	6388.8	6329.0	6229.4	6130.0	6019.5	5908.9	5765.2	5621.8	5489.2
10°	6874.1	6842.6	6772.3	6701.6	6584.8	6468.2	6337.4	6206.6	6025.1	5843.4	5668.1
12.5°	7002.7	6985.5	6934.2	6882.9	6777.7	6672.2	6530.6	6388.8	6189.4	5990.0	5791.5
15°	6862.1	6880.3	6878.5	6876.7	6810.4	6744.2	6622.0	6499.6	6291.8	6083.8	5868.4
17.5°	6513.3	6581.2	6655.4	6729.5	6728.5	6727.2	6644.6	6561.9	6351.1	6140.3	5905.2
20°	6067.5	6186.8	6350.6	6514.3	6601.3	6688.3	6659.4	6630.6	6411.6	6192.2	5933.9
22.5°	5643.4	5792.6	6033.5	6274.3	6454.6	6634.8	6672.6	6710.4	6486.5	6262.4	5972.8
25°	5285.5	5442.2	5734.9	6027.4	6301.1	6574.8	6693.9	6813.0	6593.4	6374.2	6043.2
27.5°	4998.6	5152.9	5477.1	5801.3	6163.7	6526.3	6739.3	6952.2	6743.0	6533.6	6153.1
30°	4793.9	4937.0	5274.9	5612.7	6058.9	6505.2	6822.4	7139.9	6937.7	6735.6	6295.4
32.5°	4735.3	4847.6	5165.1	5482.6	5987.4	6492.3	6926.8	7361.6	7161.4	6961.3	6444.0
35°	5047.8	5074.1	5294.4	5515.0	6040.9	6567.1	7098.8	7630.9	7439.2	7247.5	6613.2
37.5°	5967.7	5847.8	5862.2	5876.4	6354.6	6832.8	7458.5	8084.3	7839.9	7595.6	6802.8
40°	7490.4	7199.1	6948.2	6697.1	7052.7	7408.3	8088.9	8769.4	8413.3	8057.2	7043.6
42.5°	9542.4	9012.7	8465.3	7917.9	8122.7	8327.5	9002.8	9678.0	9164.0	8650.0	7358.5
45°	12030.6	11160.1	10283.0	9406.0	9496.5	9586.8	10193.5	10800.1	10106.7	9413.3	7772.9
47.5°	14790.7	13516.3	12251.5	10986.5	11004.7	11023.1	11613.2	12203.3	11227.5	10251.4	8214.3
50°	17534.3	15852.0	14221.6	12591.2	12588.0	12584.9	13313.7	14042.6	12571.4	11100.0	8623.9
52.5°	20186.7	18105.3	16157.8	14210.2	14299.7	14388.8	15271.3	16153.9	13983.0	11812.2	8889.9
55°	22778.2	20296.8	18129.5	15961.9	16309.8	16657.7	17529.7	18401.7	15234.7	12067.8	8831.3
57.5°	25288.6	22478.0	20289.5	18100.9	18798.5	19496.2	19971.3	20446.1	16121.6	11797.2	8418.8
60°	28575.5	25566.4	23495.2	21423.9	22290.5	23157.0	22419.3	21681.7	16343.3	11004.7	7651.0
62.5°	31547.1	28684.2	26786.7	24889.5	24987.2	25084.9	23069.6	21054.3	15410.0	9765.6	6612.9
65°	31928.4	29152.3	26740.9	24329.8	23955.7	23581.5	21690.0	19798.5	14089.3	8380.1	5553.7
67.5°	29877.0	27089.0	24576.9	22064.6	21889.3	21713.8	19914.8	18115.8	12517.7	6919.6	4516.0
70°	27057.3	24658.0	22411.5	20164.9	20086.3	20007.9	18051.1	16094.3	10802.9	5511.3	3555.7
72.5°	23601.4	21804.5	20046.7	18289.0	18232.8	18176.3	15930.8	13685.4	8943.8	4202.4	2718.4
75°	19703.3	18438.3	17070.8	15703.2	15494.6	15285.9	12961.9	10638.0	6812.8	2987.5	1973.0
77.5°	15513.1	14616.0	13576.4	12536.8	12238.2	11939.6	9770.0	7600.7	4768.3	1936.0	1336.9
80°	11408.1	10937.0	10152.1	9367.0	8995.8	8624.7	6799.7	4974.6	3072.1	1169.7	861.4
82.5°	7494.1	7297.5	6757.0	6216.6	5801.9	5387.3	4139.5	2891.7	1778.1	664.6	529.8
85°	4301.5	4190.0	3746.1	3302.0	2949.4	2596.7	1934.5	1272.2	799.8	327.6	283.2
87.5°	1686.1	1676.6	1454.6	1232.6	1035.8	839.1	616.4	393.9	262.0	130.1	117.5
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°	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0
2.5°	4971.5	4929.3	4887.2	4846.9	4806.6	4767.6	4724.1	4689.0	4654.0	4622.3	4590.8
5°	5173.0	5085.6	4998.4	4916.9	4835.3	4758.5	4682.4	4616.1	4549.6	4493.9	4438.4
7.5°	5356.5	5227.4	5098.2	4984.5	4870.7	4765.7	4667.3	4579.1	4490.9	4417.6	4344.4
10°	5493.0	5336.3	5179.2	5044.7	4910.0	4780.4	4674.7	4581.6	4488.6	4415.3	4342.0
12.5°	5592.9	5407.8	5222.8	5070.6	4918.4	4782.2	4683.8	4607.7	4531.8	4483.0	4434.8
15°	5653.0	5439.9	5226.9	5050.6	4874.4	4723.6	4644.9	4608.4	4572.1	4578.7	4585.3
17.5°	5670.2	5422.9	5175.5	4963.6	4751.6	4574.3	4525.8	4539.1	4552.3	4632.2	4712.0
20°	5675.6	5375.9	5076.2	4813.6	4550.9	4344.4	4331.5	4393.9	4456.2	4594.9	4733.7
22.5°	5683.0	5318.4	4953.9	4637.5	4321.1	4086.1	4111.2	4203.3	4295.5	4453.7	4612.4
25°	5711.9	5261.6	4811.6	4440.9	4070.6	3829.6	3897.5	4003.6	4109.9	4252.2	4394.8
27.5°	5772.4	5223.7	4675.0	4261.2	3847.4	3628.1	3710.6	3813.1	3915.7	4032.8	4149.7
30°	5855.2	5206.0	4556.3	4111.1	3665.7	3481.6	3546.2	3627.6	3709.3	3806.3	3903.5
32.5°	5926.7	5183.9	4440.9	3981.5	3521.9	3373.5	3402.3	3450.5	3498.6	3576.1	3653.8
35°	5979.0	5142.5	4306.4	3854.2	3401.9	3278.3	3266.4	3279.5	3292.9	3352.1	3411.0
37.5°	6010.2	5071.7	4133.2	3704.3	3275.5	3167.4	3123.8	3109.1	3094.5	3137.0	3179.3
40°	6029.8	4974.0	3918.5	3525.5	3132.6	3034.6	2967.7	2934.6	2901.4	2932.0	2962.6
42.5°	6067.0	4873.3	3680.0	3328.3	2976.5	2886.2	2801.9	2758.0	2714.0	2738.9	2764.0
45°	6132.4	4779.7	3427.2	3118.7	2810.1	2718.6	2637.0	2594.2	2551.5	2572.3	2593.7
47.5°	6177.3	4702.4	3227.5	2952.9	2678.2	2560.1	2489.9	2454.1	2418.2	2438.0	2457.5
50°	6148.0	4618.1	3088.2	2842.7	2597.4	2442.0	2360.5	2328.6	2296.8	2327.7	2358.6
52.5°	5967.4	4475.8	2984.2	2770.3	2556.5	2377.8	2263.9	2232.3	2201.1	2247.4	2293.5
55°	5594.7	4239.8	2884.9	2717.7	2550.4	2384.3	2212.6	2162.8	2113.1	2178.8	2244.4
57.5°	5040.5	3907.1	2773.5	2655.4	2537.2	2390.7	2181.8	2109.2	2036.8	2107.4	2178.1
60°	4297.3	3475.2	2653.0	2560.1	2467.3	2370.5	2152.9	2058.9	1964.7	2026.8	2088.7
62.5°	3460.1	2958.1	2456.2	2394.5	2333.0	2321.0	2119.2	2001.5	1884.2	1923.5	1962.9
65°	2727.3	2493.1	2258.8	2229.7	2200.5	2202.0	2048.1	1923.1	1798.1	1813.2	1828.3
67.5°	2112.5	2046.1	1979.4	1995.7	2011.8	2007.8	1921.4	1817.2	1713.2	1708.5	1703.7
70°	1600.2	1619.2	1638.2	1713.6	1788.8	1788.8	1760.4	1686.4	1612.4	1595.9	1579.5
72.5°	1234.3	1291.7	1349.2	1456.2	1563.0	1581.0	1581.3	1530.5	1479.8	1455.6	1431.6
75°	958.5	1010.4	1062.5	1182.3	1302.2	1385.0	1378.0	1339.0	1299.7	1276.6	1253.4
77.5°	737.9	773.3	808.8	925.2	1041.4	1177.9	1174.2	1143.0	1111.6	1088.1	1064.7
80°	553.2	567.8	582.5	681.1	779.5	942.5	942.0	915.7	889.4	869.8	850.0
82.5°	395.3	397.9	400.8	473.3	545.9	685.1	692.8	680.0	667.2	653.2	639.3
85°	239.0	237.8	236.4	289.5	342.6	446.1	456.1	442.4	428.7	413.1	397.5
87.5°	104.8	103.5	102.2	123.8	145.7	188.7	201.5	196.0	190.5	187.6	184.7
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: P968934

CATALOG NUMBER: NVN-SB5C-830-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0
2.5°	4563.1	4535.5	4507.6	4480.0	4458.5	4436.9	4419.5	4402.1	4388.5	4375.0	4362.5
5°	4389.3	4340.2	4295.7	4251.0	4216.7	4182.3	4158.3	4134.2	4117.2	4100.2	4087.2
7.5°	4282.7	4220.7	4166.1	4111.8	4070.9	4030.2	4001.7	3973.1	3953.4	3934.1	3922.4
10°	4275.5	4208.9	4147.5	4086.1	4037.4	3988.5	3956.6	3924.3	3905.9	3887.3	3877.5
12.5°	4382.3	4330.3	4266.8	4203.3	4141.1	4078.8	4037.6	3996.4	3975.7	3955.2	3946.7
15°	4571.7	4558.2	4503.0	4447.9	4359.2	4270.6	4207.9	4145.3	4116.5	4087.9	4076.9
17.5°	4754.6	4796.9	4752.4	4708.0	4590.7	4473.2	4380.8	4288.5	4246.1	4203.3	4189.4
20°	4822.5	4911.4	4890.9	4870.2	4735.9	4601.8	4488.6	4375.5	4321.1	4266.6	4249.1
22.5°	4728.0	4843.6	4856.0	4868.3	4740.1	4611.9	4495.3	4378.7	4321.3	4263.8	4244.5
25°	4508.6	4622.3	4664.8	4707.1	4601.9	4497.0	4393.4	4290.0	4240.2	4190.5	4172.4
27.5°	4240.9	4332.2	4379.4	4426.9	4351.9	4277.2	4196.8	4116.3	4083.0	4049.5	4041.3
30°	3979.2	4055.0	4093.4	4131.9	4074.9	4017.8	3960.3	3902.4	3885.4	3868.1	3868.1
32.5°	3726.3	3799.1	3841.7	3884.5	3832.2	3779.6	3733.7	3687.6	3676.5	3665.3	3666.7
35°	3482.8	3554.8	3606.2	3657.4	3620.1	3582.9	3540.4	3498.0	3481.0	3464.2	3460.5
37.5°	3250.9	3322.7	3386.1	3449.5	3432.3	3415.1	3376.0	3336.9	3305.9	3275.1	3258.8
40°	3031.8	3101.0	3174.0	3247.1	3251.3	3255.3	3222.2	3189.0	3144.0	3099.3	3068.8
42.5°	2829.6	2895.3	2974.1	3052.9	3074.0	3095.0	3067.0	3039.1	2983.3	2927.4	2883.2
45°	2655.9	2718.2	2799.9	2881.6	2911.8	2942.1	2916.7	2891.7	2827.8	2764.0	2712.1
47.5°	2518.5	2579.3	2660.0	2740.5	2775.4	2810.1	2792.6	2775.0	2718.2	2661.4	2613.4
50°	2416.1	2473.4	2545.7	2617.8	2662.5	2707.2	2706.1	2705.4	2660.0	2614.6	2570.2
52.5°	2346.3	2398.9	2466.1	2533.6	2586.5	2639.5	2649.0	2658.4	2621.4	2584.4	2544.8
55°	2301.2	2358.0	2417.1	2475.9	2531.9	2588.1	2601.3	2614.6	2582.3	2550.0	2515.2
57.5°	2244.9	2311.5	2369.8	2428.2	2484.8	2541.3	2554.6	2568.0	2535.3	2502.7	2468.3
60°	2165.3	2241.9	2301.1	2360.5	2417.3	2474.0	2488.7	2503.4	2471.5	2439.7	2404.2
62.5°	2052.2	2141.5	2204.7	2267.9	2320.0	2372.0	2386.1	2400.1	2371.4	2342.6	2305.3
65°	1923.9	2019.7	2080.1	2140.6	2186.4	2232.2	2246.7	2260.9	2233.3	2205.6	2169.4
67.5°	1792.0	1880.5	1937.8	1995.0	2034.5	2074.1	2088.2	2102.2	2076.6	2051.4	2017.7
70°	1657.1	1734.8	1784.3	1833.7	1869.5	1905.2	1918.8	1932.3	1911.6	1890.9	1858.6
72.5°	1492.8	1553.8	1598.5	1643.3	1678.2	1713.2	1729.4	1745.5	1728.3	1711.0	1680.3
75°	1298.9	1344.3	1384.8	1425.3	1457.1	1489.0	1505.8	1522.7	1514.2	1505.8	1480.0
77.5°	1101.7	1138.6	1173.3	1208.2	1241.7	1275.0	1290.8	1306.6	1294.8	1282.7	1256.6
80°	880.8	911.4	940.6	970.0	995.5	1020.8	1041.6	1062.5	1057.4	1052.5	1017.4
82.5°	636.7	634.2	623.9	613.7	667.9	722.1	757.7	793.2	791.0	788.6	759.1
85°	384.4	370.9	342.6	314.2	364.9	415.8	459.8	503.8	500.1	496.4	473.3
87.5°	184.1	183.6	162.0	140.1	161.4	182.9	200.6	218.3	213.9	209.2	197.5
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: P968934

CATALOG NUMBER: NVN-SB5C-830-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0
2.5°	4349.9	4334.3	4349.9	4362.5	4375.0	4388.5	4402.1	4419.5	4436.9	4458.5	4480.0
5°	4074.2	4061.4	4074.2	4087.2	4100.2	4117.2	4134.2	4158.3	4182.3	4216.7	4251.0
7.5°	3910.8	3902.0	3910.8	3922.4	3934.1	3953.4	3973.1	4001.7	4030.2	4070.9	4111.8
10°	3867.5	3863.5	3867.5	3877.5	3887.3	3905.9	3924.3	3956.6	3988.5	4037.4	4086.1
12.5°	3938.3	3936.8	3938.3	3946.7	3955.2	3975.7	3996.4	4037.6	4078.8	4141.1	4203.3
15°	4066.0	4065.0	4066.0	4076.9	4087.9	4116.5	4145.3	4207.9	4270.6	4359.2	4447.9
17.5°	4175.3	4173.1	4175.3	4189.4	4203.3	4246.1	4288.5	4380.8	4473.2	4590.7	4708.0
20°	4231.7	4226.3	4231.7	4249.1	4266.6	4321.1	4375.5	4488.6	4601.8	4735.9	4870.2
22.5°	4225.4	4217.1	4225.4	4244.5	4263.8	4321.3	4378.7	4495.3	4611.9	4740.1	4868.3
25°	4154.4	4143.8	4154.4	4172.4	4190.5	4240.2	4290.0	4393.4	4497.0	4601.9	4707.1
27.5°	4033.0	4030.2	4033.0	4041.3	4049.5	4083.0	4116.3	4196.8	4277.2	4351.9	4426.9
30°	3868.1	3870.8	3868.1	3868.1	3868.1	3885.4	3902.4	3960.3	4017.8	4074.9	4131.9
32.5°	3668.5	3671.1	3668.5	3666.7	3665.3	3676.5	3687.6	3733.7	3779.6	3832.2	3884.5
35°	3456.8	3455.0	3456.8	3460.5	3464.2	3481.0	3498.0	3540.4	3582.9	3620.1	3657.4
37.5°	3242.5	3233.4	3242.5	3258.8	3275.1	3305.9	3336.9	3376.0	3415.1	3432.3	3449.5
40°	3038.8	3020.9	3038.8	3068.8	3099.3	3144.0	3189.0	3222.2	3255.3	3251.3	3247.1
42.5°	2839.1	2810.1	2839.1	2883.2	2927.4	2983.3	3039.1	3067.0	3095.0	3074.0	3052.9
45°	2660.3	2627.0	2660.3	2712.1	2764.0	2827.8	2891.7	2916.7	2942.1	2911.8	2881.6
47.5°	2565.6	2533.6	2565.6	2613.4	2661.4	2718.2	2775.0	2792.6	2810.1	2775.4	2740.5
50°	2525.9	2495.1	2525.9	2570.2	2614.6	2660.0	2705.4	2706.1	2707.2	2662.5	2617.8
52.5°	2505.2	2476.8	2505.2	2544.8	2584.4	2621.4	2658.4	2649.0	2639.5	2586.5	2533.6
55°	2480.4	2454.8	2480.4	2515.2	2550.0	2582.3	2614.6	2601.3	2588.1	2531.9	2475.9
57.5°	2433.8	2407.1	2433.8	2468.3	2502.7	2535.3	2568.0	2554.6	2541.3	2484.8	2428.2
60°	2368.7	2341.2	2368.7	2404.2	2439.7	2471.5	2503.4	2488.7	2474.0	2417.3	2360.5
62.5°	2267.9	2234.9	2267.9	2305.3	2342.6	2371.4	2400.1	2386.1	2372.0	2320.0	2267.9
65°	2133.2	2104.8	2133.2	2169.4	2205.6	2233.3	2260.9	2246.7	2232.2	2186.4	2140.6
67.5°	1984.0	1958.4	1984.0	2017.7	2051.4	2076.6	2102.2	2088.2	2074.1	2034.5	1995.0
70°	1826.4	1797.1	1826.4	1858.6	1890.9	1911.6	1932.3	1918.8	1905.2	1869.5	1833.7
72.5°	1649.6	1621.2	1649.6	1680.3	1711.0	1728.3	1745.5	1729.4	1713.2	1678.2	1643.3
75°	1454.2	1427.1	1454.2	1480.0	1505.8	1514.2	1522.7	1505.8	1489.0	1457.1	1425.3
77.5°	1230.7	1209.1	1230.7	1256.6	1282.7	1294.8	1306.6	1290.8	1275.0	1241.7	1208.2
80°	982.3	941.6	982.3	1017.4	1052.5	1057.4	1062.5	1041.6	1020.8	995.5	970.0
82.5°	729.5	703.5	729.5	759.1	788.6	791.0	793.2	757.7	722.1	667.9	613.7
85°	450.3	426.8	450.3	473.3	496.4	500.1	503.8	459.8	415.8	364.9	314.2
87.5°	185.4	174.0	185.4	197.5	209.2	213.9	218.3	200.6	182.9	161.4	140.1
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: P968934

CATALOG NUMBER: NVN-SB5C-830-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0
2.5°	4507.6	4535.5	4563.1	4590.8	4622.3	4654.0	4689.0	4724.1	4767.6	4806.6	4846.9
5°	4295.7	4340.2	4389.3	4438.4	4493.9	4549.6	4616.1	4682.4	4758.5	4835.3	4916.9
7.5°	4166.1	4220.7	4282.7	4344.4	4417.6	4490.9	4579.1	4667.3	4765.7	4870.7	4984.5
10°	4147.5	4208.9	4275.5	4342.0	4415.3	4488.6	4581.6	4674.7	4780.4	4910.0	5044.7
12.5°	4266.8	4330.3	4382.3	4434.8	4483.0	4531.8	4607.7	4683.8	4782.2	4918.4	5070.6
15°	4503.0	4558.2	4571.7	4585.3	4578.7	4572.1	4608.4	4644.9	4723.6	4874.4	5050.6
17.5°	4752.4	4796.9	4754.6	4712.0	4632.2	4552.3	4539.1	4525.8	4574.3	4751.6	4963.6
20°	4890.9	4911.4	4822.5	4733.7	4594.9	4456.2	4393.9	4331.5	4344.4	4550.9	4813.6
22.5°	4856.0	4843.6	4728.0	4612.4	4453.7	4295.5	4203.3	4111.2	4086.1	4321.1	4637.5
25°	4664.8	4622.3	4508.6	4394.8	4252.2	4109.9	4003.6	3897.5	3829.6	4070.6	4440.9
27.5°	4379.4	4332.2	4240.9	4149.7	4032.8	3915.7	3813.1	3710.6	3628.1	3847.4	4261.2
30°	4093.4	4055.0	3979.2	3903.5	3806.3	3709.3	3627.6	3546.2	3481.6	3665.7	4111.1
32.5°	3841.7	3799.1	3726.3	3653.8	3576.1	3498.6	3450.5	3402.3	3373.5	3521.9	3981.5
35°	3606.2	3554.8	3482.8	3411.0	3352.1	3292.9	3279.5	3266.4	3278.3	3401.9	3854.2
37.5°	3386.1	3322.7	3250.9	3179.3	3137.0	3094.5	3109.1	3123.8	3167.4	3275.5	3704.3
40°	3174.0	3101.0	3031.8	2962.6	2932.0	2901.4	2934.6	2967.7	3034.6	3132.6	3525.5
42.5°	2974.1	2895.3	2829.6	2764.0	2738.9	2714.0	2758.0	2801.9	2886.2	2976.5	3328.3
45°	2799.9	2718.2	2655.9	2593.7	2572.3	2551.5	2594.2	2637.0	2718.6	2810.1	3118.7
47.5°	2660.0	2579.3	2518.5	2457.5	2438.0	2418.2	2454.1	2489.9	2560.1	2678.2	2952.9
50°	2545.7	2473.4	2416.1	2358.6	2327.7	2296.8	2328.6	2360.5	2442.0	2597.4	2842.7
52.5°	2466.1	2398.9	2346.3	2293.5	2247.4	2201.1	2232.3	2263.9	2377.8	2556.5	2770.3
55°	2417.1	2358.0	2301.2	2244.4	2178.8	2113.1	2162.8	2212.6	2384.3	2550.4	2717.7
57.5°	2369.8	2311.5	2244.9	2178.1	2107.4	2036.8	2109.2	2181.8	2390.7	2537.2	2655.4
60°	2301.1	2241.9	2165.3	2088.7	2026.8	1964.7	2058.9	2152.9	2370.5	2467.3	2560.1
62.5°	2204.7	2141.5	2052.2	1962.9	1923.5	1884.2	2001.5	2119.2	2321.0	2333.0	2394.5
65°	2080.1	2019.7	1923.9	1828.3	1813.2	1798.1	1923.1	2048.1	2202.0	2200.5	2229.7
67.5°	1937.8	1880.5	1792.0	1703.7	1708.5	1713.2	1817.2	1921.4	2007.8	2011.8	1995.7
70°	1784.3	1734.8	1657.1	1579.5	1595.9	1612.4	1686.4	1760.4	1788.8	1788.8	1713.6
72.5°	1598.5	1553.8	1492.8	1431.6	1455.6	1479.8	1530.5	1581.3	1581.0	1563.0	1456.2
75°	1384.8	1344.3	1298.9	1253.4	1276.6	1299.7	1339.0	1378.0	1385.0	1302.2	1182.3
77.5°	1173.3	1138.6	1101.7	1064.7	1088.1	1111.6	1143.0	1174.2	1177.9	1041.4	925.2
80°	940.6	911.4	880.8	850.0	869.8	889.4	915.7	942.0	942.5	779.5	681.1
82.5°	623.9	634.2	636.7	639.3	653.2	667.2	680.0	692.8	685.1	545.9	473.3
85°	342.6	370.9	384.4	397.5	413.1	428.7	442.4	456.1	446.1	342.6	289.5
87.5°	162.0	183.6	184.1	184.7	187.6	190.5	196.0	201.5	188.7	145.7	123.8
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: P968934

CATALOG NUMBER: NVN-SB5C-830-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0	4774.0
2.5°	4887.2	4929.3	4971.5	5013.3	5055.2	5094.6	5133.9
5°	4998.4	5085.6	5173.0	5259.7	5346.5	5433.5	5520.5
7.5°	5098.2	5227.4	5356.5	5489.2	5621.8	5765.2	5908.9
10°	5179.2	5336.3	5493.0	5668.1	5843.4	6025.1	6206.6
12.5°	5222.8	5407.8	5592.9	5791.5	5990.0	6189.4	6388.8
15°	5226.9	5439.9	5653.0	5868.4	6083.8	6291.8	6499.6
17.5°	5175.5	5422.9	5670.2	5905.2	6140.3	6351.1	6561.9
20°	5076.2	5375.9	5675.6	5933.9	6192.2	6411.6	6630.6
22.5°	4953.9	5318.4	5683.0	5972.8	6262.4	6486.5	6710.4
25°	4811.6	5261.6	5711.9	6043.2	6374.2	6593.4	6813.0
27.5°	4675.0	5223.7	5772.4	6153.1	6533.6	6743.0	6952.2
30°	4556.3	5206.0	5855.2	6295.4	6735.6	6937.7	7139.9
32.5°	4440.9	5183.9	5926.7	6444.0	6961.3	7161.4	7361.6
35°	4306.4	5142.5	5979.0	6613.2	7247.5	7439.2	7630.9
37.5°	4133.2	5071.7	6010.2	6802.8	7595.6	7839.9	8084.3
40°	3918.5	4974.0	6029.8	7043.6	8057.2	8413.3	8769.4
42.5°	3680.0	4873.3	6067.0	7358.5	8650.0	9164.0	9678.0
45°	3427.2	4779.7	6132.4	7772.9	9413.3	10106.7	10800.1
47.5°	3227.5	4702.4	6177.3	8214.3	10251.4	11227.5	12203.3
50°	3088.2	4618.1	6148.0	8623.9	11100.0	12571.4	14042.6
52.5°	2984.2	4475.8	5967.4	8889.9	11812.2	13983.0	16153.9
55°	2884.9	4239.8	5594.7	8831.3	12067.8	15234.7	18401.7
57.5°	2773.5	3907.1	5040.5	8418.8	11797.2	16121.6	20446.1
60°	2653.0	3475.2	4297.3	7651.0	11004.7	16343.3	21681.7
62.5°	2456.2	2958.1	3460.1	6612.9	9765.6	15410.0	21054.3
65°	2258.8	2493.1	2727.3	5553.7	8380.1	14089.3	19798.5
67.5°	1979.4	2046.1	2112.5	4516.0	6919.6	12517.7	18115.8
70°	1638.2	1619.2	1600.2	3555.7	5511.3	10802.9	16094.3
72.5°	1349.2	1291.7	1234.3	2718.4	4202.4	8943.8	13685.4
75°	1062.5	1010.4	958.5	1973.0	2987.5	6812.8	10638.0
77.5°	808.8	773.3	737.9	1336.9	1936.0	4768.3	7600.7
80°	582.5	567.8	553.2	861.4	1169.7	3072.1	4974.6
82.5°	400.8	397.9	395.3	529.8	664.6	1778.1	2891.7
85°	236.4	237.8	239.0	283.2	327.6	799.8	1272.2
87.5°	102.2	103.5	104.8	117.5	130.1	262.0	393.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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