

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: P971383

Luminaire Tested: **NAV-SB6D-730-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P971383
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-730-U-SLL
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 3000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 63024.2 lumens
Efficiency: N/A
Efficacy: 143.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

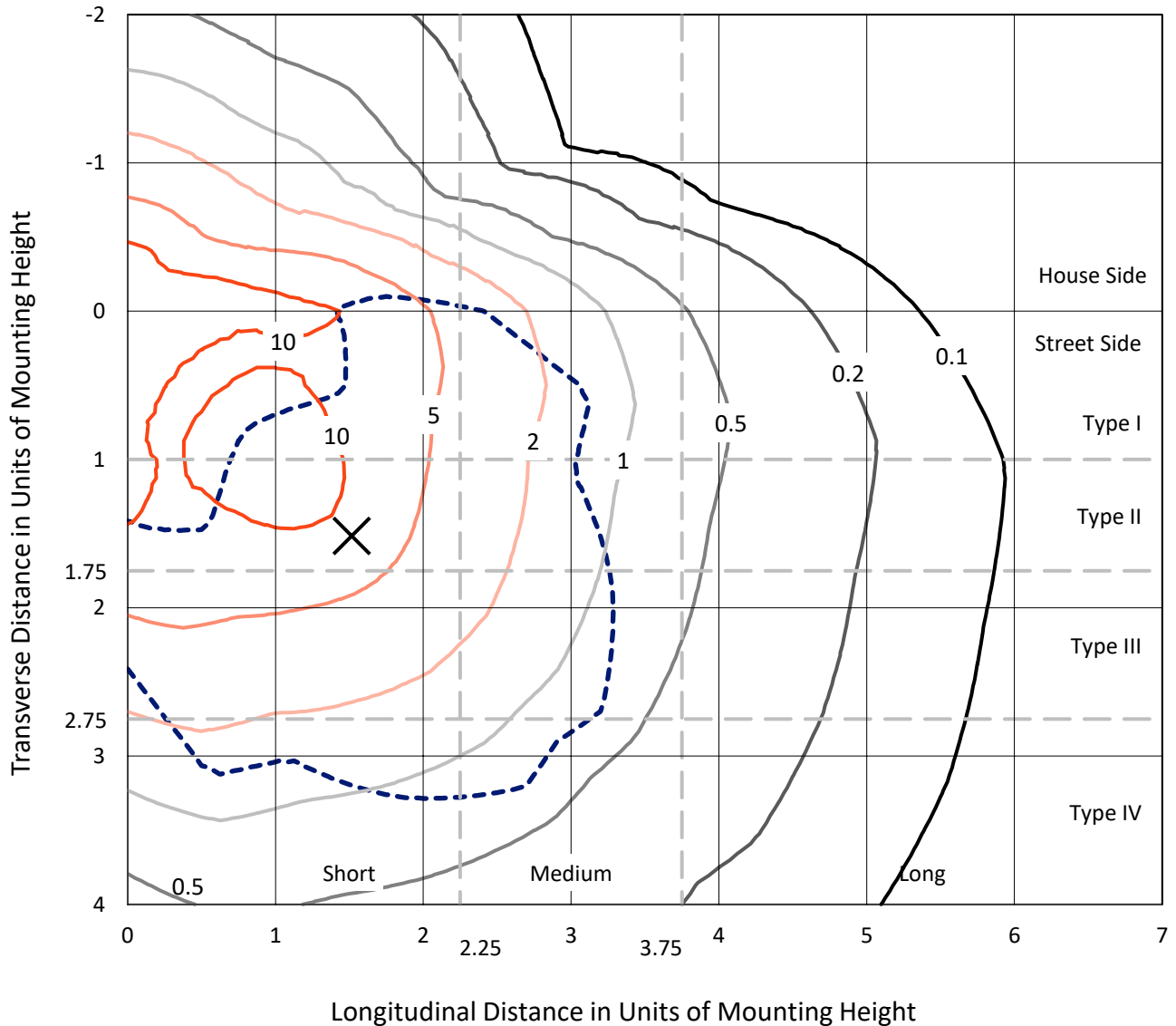
Input Watts (W): 440.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

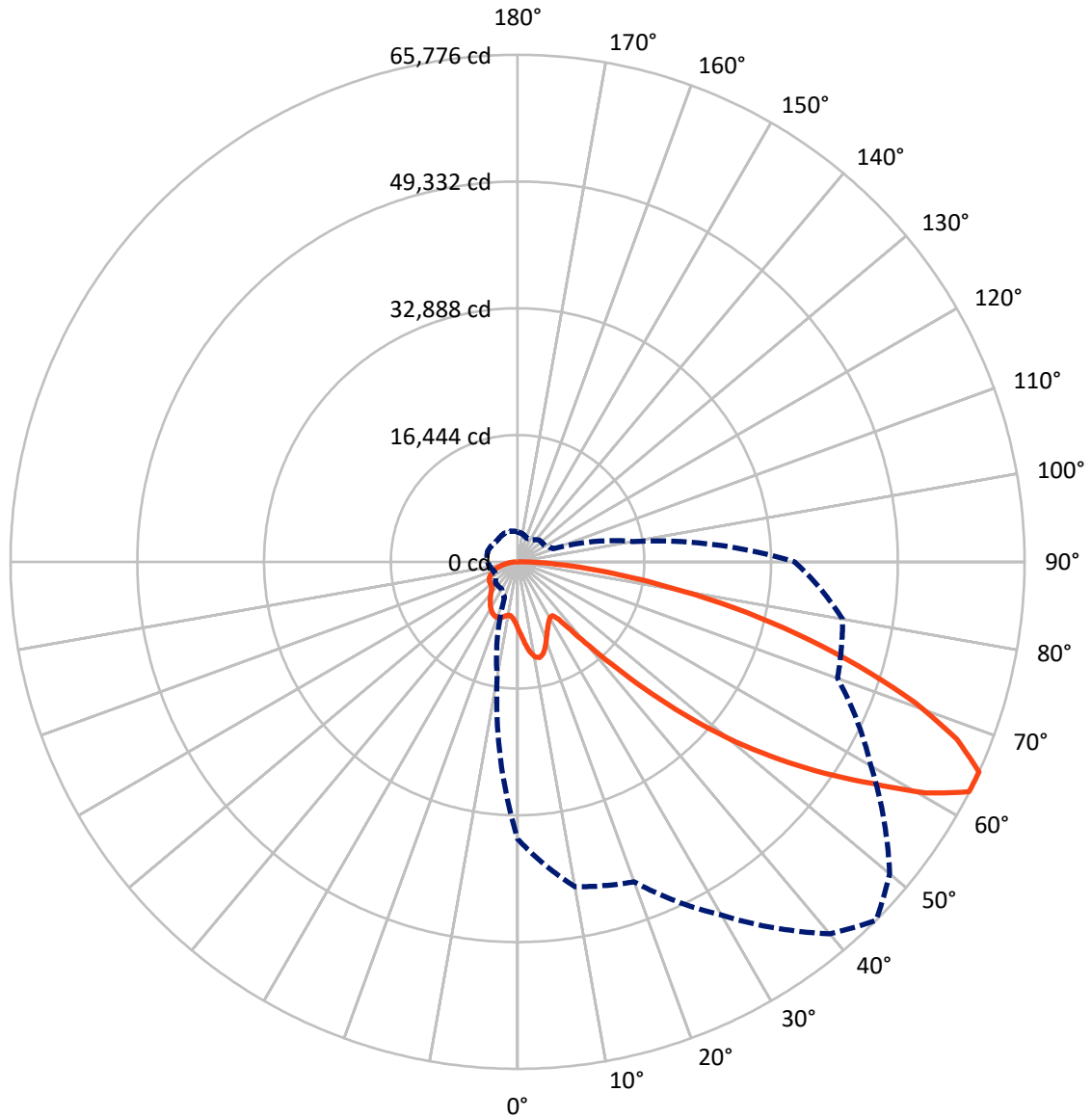
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 19.2 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	16017.6	0.0	16017.6
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	47006.6	0.0	47006.6
	% Fixture	74.6	0.0	74.6
Total	Lumens	63024.2	0.0	63024.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	859.7	1.4
10°-20°	2698.8	4.3
20°-30°	4168.7	6.6
30°-40°	5282.7	8.4
40°-50°	7967.7	12.6
50°-60°	12873.0	20.4
60°-70°	16048.2	25.5
70°-80°	10523.6	16.7
80°-90°	2601.7	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°	63024.2	100.0
0°-180°	63024.2	100.0

Coefficient of Utilization

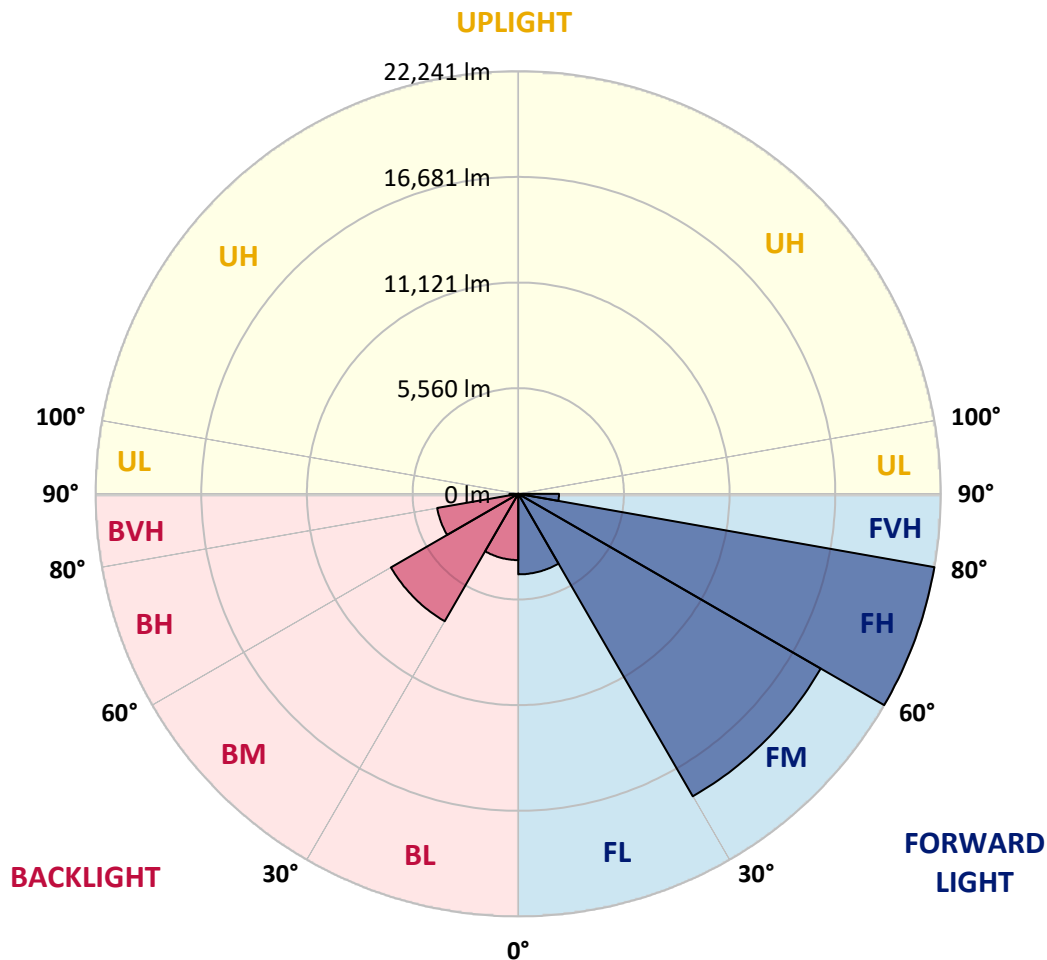


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4239.1	6.7			
FM (30°-60°)	18382.8	29.2			
FH (60°-80°)	22241.5	35.3			G5
FVH (80°-90°)	2143.2	3.4			G5
BL (0°-30°)	3488.0	5.5	B4/5000		
BM (30°-60°)	7740.7	12.3	B4/8500		
BH (60°-80°)	4330.4	6.9	B4/5000		G4/5000
BVH (80°-90°)	458.5	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°	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4
2.5°	9319.8	9355.1	9390.6	9440.9	9491.1	9521.0	9550.9	9565.9	9580.9	9574.2	9580.9
5°	10021.5	10144.9	10268.7	10391.0	10513.7	10580.3	10646.8	10687.0	10727.5	10758.1	10727.5
7.5°	10726.5	10927.4	11127.9	11308.5	11489.1	11597.9	11706.6	11765.5	11824.0	11852.3	11824.0
10°	11266.9	11504.4	11741.8	11953.7	12165.5	12293.8	12421.6	12478.8	12535.6	12557.3	12535.6
12.5°	11597.9	11855.3	12112.3	12303.9	12494.7	12587.8	12681.0	12712.3	12743.5	12746.8	12743.5
15°	11799.0	12021.2	12243.0	12363.0	12483.5	12486.8	12490.0	12456.8	12423.6	12384.4	12423.6
17.5°	11912.1	12062.1	12212.1	12214.4	12216.4	12081.7	11947.0	11823.7	11700.0	11612.8	11700.0
20°	12036.8	12089.1	12141.5	11983.6	11825.6	11528.4	11231.0	11014.5	10798.1	10665.0	10798.1
22.5°	12181.5	12112.9	12044.5	11717.2	11390.0	10952.6	10515.4	10244.7	9974.0	9827.0	9974.0
25°	12367.6	12151.6	11935.4	11438.6	10941.7	10410.6	9879.6	9594.8	9310.9	9171.8	9310.9
27.5°	12620.4	12234.0	11847.3	11189.1	10531.4	9942.7	9354.0	9074.1	8794.4	8663.0	8794.4
30°	12961.3	12385.0	11809.0	10998.9	10188.8	9575.6	8962.3	8702.7	8442.9	8320.5	8442.9
32.5°	13363.7	12574.5	11785.8	10869.2	9952.6	9376.4	8800.0	8596.2	8392.0	8303.8	8392.0
35°	13852.6	12886.8	11921.4	10966.3	10011.6	9611.1	9211.1	9163.5	9115.9	9108.7	9115.9
37.5°	14675.6	13539.6	12403.6	11535.7	10667.7	10641.8	10615.8	10833.3	11050.8	11163.9	11050.8
40°	15919.4	14683.9	13448.5	12803.0	12157.5	12613.1	13068.7	13597.4	14126.2	14389.7	14126.2
42.5°	17568.8	16343.0	15117.2	14745.4	14373.7	15367.3	16361.0	17322.8	18284.5	18849.1	18284.5
45°	19605.8	18504.6	17403.3	17239.3	17075.0	18667.0	20259.2	21839.5	23420.1	24379.5	23420.1
47.5°	22153.1	21082.0	20010.5	19977.2	19943.9	22240.6	24536.6	26850.1	29163.4	30521.8	29163.4
50°	25492.0	24168.7	22845.8	22851.5	22857.1	25816.9	28776.6	31830.5	34884.3	36730.7	34884.3
52.5°	29324.6	27722.4	26120.5	25958.5	25796.3	29331.6	32867.0	36645.5	40423.6	42636.8	40423.6
55°	33405.1	31822.2	30239.1	29607.6	28976.1	32910.9	36845.4	41349.8	45854.3	48486.4	45854.3
57.5°	37116.4	36254.5	35392.1	34125.4	32859.0	36832.0	40805.0	45907.1	51008.8	54272.8	51008.8
60°	39359.5	40698.3	42037.5	40464.5	38891.6	42651.4	46411.3	51873.8	57336.3	60864.1	57336.3
62.5°	38220.5	41878.9	45537.4	45360.0	45182.5	48626.7	52071.3	57268.5	62465.3	65726.1	62465.3
65°	35940.8	39374.5	42808.1	43487.5	44166.5	48543.6	52921.1	57960.6	62999.8	65775.9	62999.8
67.5°	32886.3	36152.0	39417.7	39736.3	40054.5	44615.2	49175.5	54236.6	59297.8	61472.6	59297.8
70°	29216.6	32768.5	36320.9	36463.2	36605.9	40684.4	44762.5	49117.9	53473.1	54681.9	53473.1
72.5°	24843.4	28919.6	32996.1	33098.5	33200.6	36391.4	39582.3	42844.3	46106.0	46228.4	46106.0
75°	19311.4	23530.2	27749.0	28127.7	28506.6	30989.0	33471.6	35767.9	38064.2	37449.0	38064.2
77.5°	13797.7	17735.8	21674.2	22216.3	22758.4	24645.6	26532.8	28161.4	29790.2	28732.7	29790.2
80°	9030.6	12343.8	15656.7	16330.4	17004.1	18429.5	19854.1	20709.5	21564.5	19863.5	21564.5
82.5°	5249.3	7514.4	9779.7	10532.3	11285.2	12266.3	13247.3	13604.1	13960.6	12623.8	13960.6
85°	2309.6	3511.8	4714.0	5354.1	5994.3	6800.4	7606.2	7808.8	8011.2	6940.4	8011.2
87.5°	715.0	1119.1	1523.1	1880.3	2237.5	2640.5	3043.5	3060.9	3077.8	2583.9	3077.8
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4
2.5°	9565.9	9550.9	9521.0	9491.1	9440.9	9390.6	9355.1	9319.8	9248.4	9176.8	9100.7
5°	10687.0	10646.8	10580.3	10513.7	10391.0	10268.7	10144.9	10021.5	9863.6	9705.6	9548.0
7.5°	11765.5	11706.6	11597.9	11489.1	11308.5	11127.9	10927.4	10726.5	10465.9	10205.4	9964.6
10°	12478.8	12421.6	12293.8	12165.5	11953.7	11741.8	11504.4	11266.9	10937.4	10607.8	10289.6
12.5°	12712.3	12681.0	12587.8	12494.7	12303.9	12112.3	11855.3	11597.9	11235.6	10873.8	10513.4
15°	12456.8	12490.0	12486.8	12483.5	12363.0	12243.0	12021.2	11799.0	11421.6	11044.2	10653.0
17.5°	11823.7	11947.0	12081.7	12216.4	12214.4	12212.1	12062.1	11912.1	11529.3	11146.6	10719.9
20°	11014.5	11231.0	11528.4	11825.6	11983.6	12141.5	12089.1	12036.8	11639.1	11241.0	10772.1
22.5°	10244.7	10515.4	10952.6	11390.0	11717.2	12044.5	12112.9	12181.5	11775.1	11368.4	10842.6
25°	9594.8	9879.6	10410.6	10941.7	11438.6	11935.4	12151.6	12367.6	11969.3	11571.2	10970.3
27.5°	9074.1	9354.0	9942.7	10531.4	11189.1	11847.3	12234.0	12620.4	12240.7	11860.6	11169.8
30°	8702.7	8962.3	9575.6	10188.8	10998.9	11809.0	12385.0	12961.3	12594.2	12227.3	11428.2
32.5°	8596.2	8800.0	9376.4	9952.6	10869.2	11785.8	12574.5	13363.7	13000.2	12637.0	11697.9
35°	9163.5	9211.1	9611.1	10011.6	10966.3	11921.4	12886.8	13852.6	13504.7	13156.5	12005.2
37.5°	10833.3	10615.8	10641.8	10667.7	11535.7	12403.6	13539.6	14675.6	14232.0	13788.4	12349.4
40°	13597.4	13068.7	12613.1	12157.5	12803.0	13448.5	14683.9	15919.4	15272.9	14626.4	12786.4
42.5°	17322.8	16361.0	15367.3	14373.7	14745.4	15117.2	16343.0	17568.8	16635.8	15702.6	13358.0
45°	21839.5	20259.2	18667.0	17075.0	17239.3	17403.3	18504.6	19605.8	18347.0	17088.3	14110.3
47.5°	26850.1	24536.6	22240.6	19943.9	19977.2	20010.5	21082.0	22153.1	20381.6	18609.7	14911.7
50°	31830.5	28776.6	25816.9	22857.1	22851.5	22845.8	24168.7	25492.0	22821.2	20150.2	15655.3
52.5°	36645.5	32867.0	29331.6	25796.3	25958.5	26120.5	27722.4	29324.6	25383.9	21443.1	16138.2
55°	41349.8	36845.4	32910.9	28976.1	29607.6	30239.1	31822.2	33405.1	27655.9	21907.0	16031.8
57.5°	45907.1	40805.0	36832.0	32859.0	34125.4	35392.1	36254.5	37116.4	29266.1	21415.8	15282.9
60°	51873.8	46411.3	42651.4	38891.6	40464.5	42037.5	40698.3	39359.5	29668.5	19977.2	13889.2
62.5°	57268.5	52071.3	48626.7	45182.5	45360.0	45537.4	41878.9	38220.5	27974.1	17727.8	12004.6
65°	57960.6	52921.1	48543.6	44166.5	43487.5	42808.1	39374.5	35940.8	25576.7	15212.7	10081.7
67.5°	54236.6	49175.5	44615.2	40054.5	39736.3	39417.7	36152.0	32886.3	22723.7	12561.3	8198.2
70°	49117.9	44762.5	40684.4	36605.9	36463.2	36320.9	32768.5	29216.6	19610.7	10004.9	6454.8
72.5°	42844.3	39582.3	36391.4	33200.6	33098.5	32996.1	28919.6	24843.4	16236.0	7628.8	4934.8
75°	35767.9	33471.6	30989.0	28506.6	28127.7	27749.0	23530.2	19311.4	12367.3	5423.3	3581.7
77.5°	28161.4	26532.8	24645.6	22758.4	22216.3	21674.2	17735.8	13797.7	8656.0	3514.4	2427.0
80°	20709.5	19854.1	18429.5	17004.1	16330.4	15656.7	12343.8	9030.6	5576.9	2123.4	1563.6
82.5°	13604.1	13247.3	12266.3	11285.2	10532.3	9779.7	7514.4	5249.3	3227.7	1206.5	961.8
85°	7808.8	7606.2	6800.4	5994.3	5354.1	4714.0	3511.8	2309.6	1451.9	594.6	514.1
87.5°	3060.9	3043.5	2640.5	2237.5	1880.3	1523.1	1119.1	715.0	475.6	236.2	213.2
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4
2.5°	9024.8	8948.4	8871.9	8798.7	8725.5	8654.7	8575.9	8512.1	8448.6	8391.1	8333.8
5°	9390.6	9232.1	9073.7	8925.8	8777.8	8638.1	8500.1	8379.7	8258.9	8157.9	8057.1
7.5°	9723.9	9489.4	9255.0	9048.5	8842.0	8651.4	8472.9	8312.5	8152.5	8019.5	7886.6
10°	9971.6	9687.0	9402.0	9157.9	8913.1	8678.0	8486.1	8317.2	8148.2	8015.2	7882.2
12.5°	10152.9	9817.0	9481.1	9204.8	8928.5	8681.3	8502.8	8364.4	8226.8	8138.3	8050.5
15°	10262.0	9875.2	9488.4	9168.5	8848.6	8574.9	8432.0	8365.7	8299.9	8311.8	8323.8
17.5°	10293.3	9844.3	9395.4	9010.6	8625.8	8303.8	8215.8	8240.1	8264.0	8409.0	8553.9
20°	10303.2	9759.1	9215.1	8738.2	8261.3	7886.6	7863.3	7976.3	8089.4	8341.1	8593.2
22.5°	10316.5	9654.7	8992.9	8418.6	7844.3	7417.6	7463.2	7630.5	7797.7	8085.1	8373.0
25°	10369.0	9551.7	8734.5	8061.8	7389.3	6952.1	7075.1	7268.0	7460.9	7719.3	7978.0
27.5°	10478.8	9482.8	8486.8	7735.6	6984.4	6586.2	6735.9	6922.1	7108.4	7320.9	7533.0
30°	10629.1	9450.5	8271.3	7462.8	6654.4	6320.2	6437.6	6585.2	6733.5	6909.8	7086.0
32.5°	10758.8	9410.6	8061.8	7227.8	6393.3	6124.0	6176.2	6263.7	6351.1	6491.8	6632.8
35°	10853.9	9335.5	7817.7	6996.6	6175.5	5951.0	5929.4	5953.4	5977.7	6085.1	6192.1
37.5°	10910.4	9206.8	7503.1	6724.6	5946.0	5749.8	5670.7	5644.2	5617.5	5694.7	5771.5
40°	10946.1	9029.5	7113.3	6400.0	5686.7	5508.8	5387.4	5327.2	5267.0	5322.5	5378.1
42.5°	11013.5	8846.6	6680.3	6041.9	5403.4	5239.4	5086.5	5006.6	4926.8	4972.1	5017.6
45°	11132.2	8676.6	6221.4	5661.4	5101.4	4935.1	4787.2	4709.3	4631.8	4669.7	4708.3
47.5°	11213.7	8536.3	5858.9	5360.4	4862.0	4647.5	4520.0	4454.9	4389.8	4425.6	4461.2
50°	11160.5	8383.4	5606.2	5160.6	4715.0	4432.9	4285.0	4227.1	4169.6	4225.5	4281.6
52.5°	10832.9	8125.0	5417.3	5028.9	4640.8	4316.6	4109.7	4052.5	3995.7	4079.8	4163.5
55°	10156.2	7696.6	5237.0	4933.4	4629.8	4328.2	4016.6	3926.2	3836.1	3955.4	4074.5
57.5°	9150.3	7092.7	5034.9	4820.4	4605.8	4339.8	3960.7	3829.0	3697.4	3825.7	3954.0
60°	7801.1	6308.6	4816.1	4647.5	4478.8	4303.3	3908.2	3737.6	3566.7	3679.3	3791.8
62.5°	6281.3	5370.1	4458.9	4346.8	4235.1	4213.5	3847.0	3633.5	3420.3	3491.9	3563.3
65°	4951.1	4525.7	4100.4	4047.5	3994.6	3997.3	3718.0	3491.2	3264.0	3291.6	3318.8
67.5°	3835.0	3714.3	3593.2	3622.9	3652.1	3644.8	3487.9	3299.0	3110.1	3101.4	3092.7
70°	2904.8	2939.5	2973.7	3110.7	3247.4	3247.4	3195.8	3061.5	2927.1	2897.2	2867.3
72.5°	2240.8	2344.8	2449.2	2643.5	2837.4	2869.9	2870.6	2778.5	2686.4	2642.4	2598.9
75°	1739.9	1834.3	1928.8	2146.4	2363.8	2514.1	2501.5	2430.7	2359.4	2317.5	2275.3
77.5°	1339.6	1403.7	1468.2	1679.4	1890.6	2138.4	2131.7	2074.8	2017.9	1975.4	1932.8
80°	1004.3	1030.9	1057.5	1236.5	1415.0	1711.0	1710.0	1662.4	1614.6	1579.0	1543.0
82.5°	717.6	722.3	727.6	859.4	991.0	1243.7	1257.7	1234.4	1211.1	1185.9	1160.6
85°	434.0	431.6	429.0	525.4	621.9	809.7	828.1	803.1	778.2	749.9	721.6
87.5°	190.2	187.9	185.5	224.8	264.3	342.6	365.8	355.9	345.8	340.5	335.2
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: P971383
 CATALOG NUMBER: NAV-SB6D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4
2.5°	8283.6	8233.4	8182.9	8132.7	8093.7	8054.4	8022.9	7991.3	7966.7	7942.1	7919.5
5°	7968.0	7878.9	7798.1	7716.9	7654.7	7592.2	7548.6	7505.0	7474.2	7443.2	7419.7
7.5°	7774.4	7662.1	7563.0	7464.2	7390.0	7316.2	7264.3	7212.4	7176.8	7141.6	7120.4
10°	7761.5	7640.5	7529.0	7417.6	7329.2	7240.4	7182.5	7124.0	7090.4	7056.8	7038.9
12.5°	7955.3	7860.9	7745.5	7630.5	7517.4	7404.3	7329.5	7254.6	7217.1	7179.8	7164.5
15°	8299.2	8274.6	8174.5	8074.4	7913.5	7752.5	7638.8	7525.0	7472.9	7421.0	7401.0
17.5°	8631.1	8707.9	8627.1	8546.7	8333.5	8120.4	7952.7	7785.1	7707.9	7630.5	7605.2
20°	8754.5	8915.8	8878.6	8840.9	8597.2	8353.8	8148.2	7943.0	7844.3	7745.2	7713.6
22.5°	8582.9	8792.8	8815.3	8837.7	8604.9	8372.1	8160.5	7948.7	7844.6	7740.2	7705.3
25°	8184.5	8391.1	8468.1	8545.0	8354.1	8163.5	7975.3	7787.7	7697.3	7607.1	7574.2
27.5°	7698.7	7864.2	7950.0	8036.2	7900.2	7764.5	7618.5	7472.5	7412.0	7351.1	7336.1
30°	7223.4	7361.1	7430.9	7500.7	7397.3	7293.6	7189.1	7084.1	7053.1	7021.9	7021.9
32.5°	6764.5	6896.5	6974.0	7051.8	6956.7	6861.2	6777.8	6694.3	6674.1	6653.8	6656.5
35°	6322.5	6453.2	6546.4	6639.4	6571.6	6504.1	6427.0	6350.1	6319.2	6288.6	6281.9
37.5°	5901.5	6031.9	6146.9	6262.0	6230.8	6199.5	6128.7	6057.4	6001.3	5945.4	5915.8
40°	5503.7	5629.5	5761.8	5894.6	5902.2	5909.5	5849.3	5789.1	5707.3	5626.1	5571.0
42.5°	5136.7	5256.0	5399.0	5542.0	5580.3	5618.5	5567.6	5517.1	5415.7	5314.2	5234.1
45°	4821.4	4934.5	5082.8	5231.1	5285.9	5340.9	5294.9	5249.3	5133.3	5017.6	4923.5
47.5°	4571.9	4682.4	4828.7	4975.0	5038.2	5101.4	5069.4	5037.6	4934.5	4831.3	4744.2
50°	4386.1	4490.1	4621.2	4752.2	4833.4	4914.5	4912.5	4911.2	4828.7	4746.3	4665.7
52.5°	4259.4	4354.8	4476.9	4599.3	4695.3	4791.5	4808.7	4826.0	4758.9	4691.6	4619.5
55°	4177.6	4280.6	4387.7	4494.5	4596.2	4698.3	4722.3	4746.3	4687.7	4629.2	4566.0
57.5°	4075.1	4196.1	4301.9	4408.0	4510.7	4613.2	4637.5	4661.7	4602.6	4543.3	4480.8
60°	3930.8	4069.8	4177.2	4285.0	4388.0	4491.1	4517.8	4544.3	4486.5	4428.9	4364.4
62.5°	3725.3	3887.5	4002.3	4117.0	4211.4	4305.9	4331.5	4357.2	4304.9	4252.7	4184.9
65°	3492.5	3666.4	3776.2	3885.9	3969.0	4052.1	4078.5	4104.4	4054.2	4004.0	3938.2
67.5°	3253.0	3413.7	3517.8	3621.5	3693.4	3765.1	3790.8	3816.1	3769.8	3723.9	3662.7
70°	3008.3	3149.3	3239.1	3328.9	3393.7	3458.6	3483.2	3507.8	3470.2	3432.6	3374.1
72.5°	2710.0	2820.7	2901.9	2983.1	3046.5	3110.1	3139.3	3168.6	3137.3	3106.1	3050.2
75°	2357.8	2440.3	2513.8	2587.3	2645.1	2703.0	2733.6	2764.2	2748.8	2733.6	2686.7
77.5°	2000.0	2066.8	2130.1	2193.2	2254.1	2314.6	2343.1	2371.7	2350.5	2328.6	2281.3
80°	1598.9	1654.5	1707.6	1760.8	1807.1	1853.0	1890.9	1928.8	1919.5	1910.5	1847.0
82.5°	1156.0	1151.3	1132.7	1114.1	1212.5	1311.0	1375.4	1439.9	1435.9	1431.6	1378.1
85°	697.7	673.4	621.9	570.3	662.5	754.9	834.8	914.5	907.8	901.2	859.4
87.5°	334.3	333.2	294.0	254.4	292.9	331.9	364.2	396.4	388.4	379.8	358.4
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: P971383
 CATALOG NUMBER: NAV-SB6D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4
2.5°	7896.5	7868.2	7896.5	7919.5	7942.1	7966.7	7991.3	8022.9	8054.4	8093.7	8132.7
5°	7396.0	7372.7	7396.0	7419.7	7443.2	7474.2	7505.0	7548.6	7592.2	7654.7	7716.9
7.5°	7099.4	7083.4	7099.4	7120.4	7141.6	7176.8	7212.4	7264.3	7316.2	7390.0	7464.2
10°	7020.8	7013.6	7020.8	7038.9	7056.8	7090.4	7124.0	7182.5	7240.4	7329.2	7417.6
12.5°	7149.3	7146.6	7149.3	7164.5	7179.8	7217.1	7254.6	7329.5	7404.3	7517.4	7630.5
15°	7381.0	7379.4	7381.0	7401.0	7421.0	7472.9	7525.0	7638.8	7752.5	7913.5	8074.4
17.5°	7579.6	7575.6	7579.6	7605.2	7630.5	7707.9	7785.1	7952.7	8120.4	8333.5	8546.7
20°	7682.0	7672.0	7682.0	7713.6	7745.2	7844.3	7943.0	8148.2	8353.8	8597.2	8840.9
22.5°	7670.4	7655.4	7670.4	7705.3	7740.2	7844.6	7948.7	8160.5	8372.1	8604.9	8837.7
25°	7541.6	7522.4	7541.6	7574.2	7607.1	7697.3	7787.7	7975.3	8163.5	8354.1	8545.0
27.5°	7321.2	7316.2	7321.2	7336.1	7351.1	7412.0	7472.5	7618.5	7764.5	7900.2	8036.2
30°	7021.9	7026.9	7021.9	7021.9	7021.9	7053.1	7084.1	7189.1	7293.6	7397.3	7500.7
32.5°	6659.4	6664.3	6659.4	6656.5	6653.8	6674.1	6694.3	6777.8	6861.2	6956.7	7051.8
35°	6275.3	6272.0	6275.3	6281.9	6288.6	6319.2	6350.1	6427.0	6504.1	6571.6	6639.4
37.5°	5886.2	5869.6	5886.2	5915.8	5945.4	6001.3	6057.4	6128.7	6199.5	6230.8	6262.0
40°	5516.4	5483.9	5516.4	5571.0	5626.1	5707.3	5789.1	5849.3	5909.5	5902.2	5894.6
42.5°	5153.9	5101.4	5153.9	5234.1	5314.2	5415.7	5517.1	5567.6	5618.5	5580.3	5542.0
45°	4829.4	4768.8	4829.4	4923.5	5017.6	5133.3	5249.3	5294.9	5340.9	5285.9	5231.1
47.5°	4657.4	4599.3	4657.4	4744.2	4831.3	4934.5	5037.6	5069.4	5101.4	5038.2	4975.0
50°	4585.2	4529.4	4585.2	4665.7	4746.3	4828.7	4911.2	4912.5	4914.5	4833.4	4752.2
52.5°	4547.7	4496.2	4547.7	4619.5	4691.6	4758.9	4826.0	4808.7	4791.5	4695.3	4599.3
55°	4502.8	4456.2	4502.8	4566.0	4629.2	4687.7	4746.3	4722.3	4698.3	4596.2	4494.5
57.5°	4418.0	4369.8	4418.0	4480.8	4543.3	4602.6	4661.7	4637.5	4613.2	4510.7	4408.0
60°	4300.0	4250.1	4300.0	4364.4	4428.9	4486.5	4544.3	4517.8	4491.1	4388.0	4285.0
62.5°	4117.0	4057.2	4117.0	4184.9	4252.7	4304.9	4357.2	4331.5	4305.9	4211.4	4117.0
65°	3872.6	3821.1	3872.6	3938.2	4004.0	4054.2	4104.4	4078.5	4052.1	3969.0	3885.9
67.5°	3601.5	3555.0	3601.5	3662.7	3723.9	3769.8	3816.1	3790.8	3765.1	3693.4	3621.5
70°	3315.6	3262.4	3315.6	3374.1	3432.6	3470.2	3507.8	3483.2	3458.6	3393.7	3328.9
72.5°	2994.6	2943.1	2994.6	3050.2	3106.1	3137.3	3168.6	3139.3	3110.1	3046.5	2983.1
75°	2639.8	2590.6	2639.8	2686.7	2733.6	2748.8	2764.2	2733.6	2703.0	2645.1	2587.3
77.5°	2234.1	2194.8	2234.1	2281.3	2328.6	2350.5	2371.7	2343.1	2314.6	2254.1	2193.2
80°	1783.2	1709.3	1783.2	1847.0	1910.5	1919.5	1928.8	1890.9	1853.0	1807.1	1760.8
82.5°	1324.2	1277.0	1324.2	1378.1	1431.6	1435.9	1439.9	1375.4	1311.0	1212.5	1114.1
85°	817.4	774.9	817.4	859.4	901.2	907.8	914.5	834.8	754.9	662.5	570.3
87.5°	336.5	315.9	336.5	358.4	379.8	388.4	396.4	364.2	331.9	292.9	254.4
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: P971383
 CATALOG NUMBER: NAV-SB6D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4
2.5°	8182.9	8233.4	8283.6	8333.8	8391.1	8448.6	8512.1	8575.9	8654.7	8725.5	8798.7
5°	7798.1	7878.9	7968.0	8057.1	8157.9	8258.9	8379.7	8500.1	8638.1	8777.8	8925.8
7.5°	7563.0	7662.1	7774.4	7886.6	8019.5	8152.5	8312.5	8472.9	8651.4	8842.0	9048.5
10°	7529.0	7640.5	7761.5	7882.2	8015.2	8148.2	8317.2	8486.1	8678.0	8913.1	9157.9
12.5°	7745.5	7860.9	7955.3	8050.5	8138.3	8226.8	8364.4	8502.8	8681.3	8928.5	9204.8
15°	8174.5	8274.6	8299.2	8323.8	8311.8	8299.9	8365.7	8432.0	8574.9	8848.6	9168.5
17.5°	8627.1	8707.9	8631.1	8553.9	8409.0	8264.0	8240.1	8215.8	8303.8	8625.8	9010.6
20°	8878.6	8915.8	8754.5	8593.2	8341.1	8089.4	7976.3	7863.3	7886.6	8261.3	8738.2
22.5°	8815.3	8792.8	8582.9	8373.0	8085.1	7797.7	7630.5	7463.2	7417.6	7844.3	8418.6
25°	8468.1	8391.1	8184.5	7978.0	7719.3	7460.9	7268.0	7075.1	6952.1	7389.3	8061.8
27.5°	7950.0	7864.2	7698.7	7533.0	7320.9	7108.4	6922.1	6735.9	6586.2	6984.4	7735.6
30°	7430.9	7361.1	7223.4	7086.0	6909.8	6733.5	6585.2	6437.6	6320.2	6654.4	7462.8
32.5°	6974.0	6896.5	6764.5	6632.8	6491.8	6351.1	6263.7	6176.2	6124.0	6393.3	7227.8
35°	6546.4	6453.2	6322.5	6192.1	6085.1	5977.7	5953.4	5929.4	5951.0	6175.5	6996.6
37.5°	6146.9	6031.9	5901.5	5771.5	5694.7	5617.5	5644.2	5670.7	5749.8	5946.0	6724.6
40°	5761.8	5629.5	5503.7	5378.1	5322.5	5267.0	5327.2	5387.4	5508.8	5686.7	6400.0
42.5°	5399.0	5256.0	5136.7	5017.6	4972.1	4926.8	5006.6	5086.5	5239.4	5403.4	6041.9
45°	5082.8	4934.5	4821.4	4708.3	4669.7	4631.8	4709.3	4787.2	4935.1	5101.4	5661.4
47.5°	4828.7	4682.4	4571.9	4461.2	4425.6	4389.8	4454.9	4520.0	4647.5	4862.0	5360.4
50°	4621.2	4490.1	4386.1	4281.6	4225.5	4169.6	4227.1	4285.0	4432.9	4715.0	5160.6
52.5°	4476.9	4354.8	4259.4	4163.5	4079.8	3995.7	4052.5	4109.7	4316.6	4640.8	5028.9
55°	4387.7	4280.6	4177.6	4074.5	3955.4	3836.1	3926.2	4016.6	4328.2	4629.8	4933.4
57.5°	4301.9	4196.1	4075.1	3954.0	3825.7	3697.4	3829.0	3960.7	4339.8	4605.8	4820.4
60°	4177.2	4069.8	3930.8	3791.8	3679.3	3566.7	3737.6	3908.2	4303.3	4478.8	4647.5
62.5°	4002.3	3887.5	3725.3	3563.3	3491.9	3420.3	3633.5	3847.0	4213.5	4235.1	4346.8
65°	3776.2	3666.4	3492.5	3318.8	3291.6	3264.0	3491.2	3718.0	3997.3	3994.6	4047.5
67.5°	3517.8	3413.7	3253.0	3092.7	3101.4	3110.1	3299.0	3487.9	3644.8	3652.1	3622.9
70°	3239.1	3149.3	3008.3	2867.3	2897.2	2927.1	3061.5	3195.8	3247.4	3247.4	3110.7
72.5°	2901.9	2820.7	2710.0	2598.9	2642.4	2686.4	2778.5	2870.6	2869.9	2837.4	2643.5
75°	2513.8	2440.3	2357.8	2275.3	2317.5	2359.4	2430.7	2501.5	2514.1	2363.8	2146.4
77.5°	2130.1	2066.8	2000.0	1932.8	1975.4	2017.9	2074.8	2131.7	2138.4	1890.6	1679.4
80°	1707.6	1654.5	1598.9	1543.0	1579.0	1614.6	1662.4	1710.0	1711.0	1415.0	1236.5
82.5°	1132.7	1151.3	1156.0	1160.6	1185.9	1211.1	1234.4	1257.7	1243.7	991.0	859.4
85°	621.9	673.4	697.7	721.6	749.9	778.2	803.1	828.1	809.7	621.9	525.4
87.5°	294.0	333.2	334.3	335.2	340.5	345.8	355.9	365.8	342.6	264.3	224.8
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: P971383
 CATALOG NUMBER: NAV-SB6D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4	8666.4
2.5°	8871.9	8948.4	9024.8	9100.7	9176.8	9248.4	9319.8
5°	9073.7	9232.1	9390.6	9548.0	9705.6	9863.6	10021.5
7.5°	9255.0	9489.4	9723.9	9964.6	10205.4	10465.9	10726.5
10°	9402.0	9687.0	9971.6	10289.6	10607.8	10937.4	11266.9
12.5°	9481.1	9817.0	10152.9	10513.4	10873.8	11235.6	11597.9
15°	9488.4	9875.2	10262.0	10653.0	11044.2	11421.6	11799.0
17.5°	9395.4	9844.3	10293.3	10719.9	11146.6	11529.3	11912.1
20°	9215.1	9759.1	10303.2	10772.1	11241.0	11639.1	12036.8
22.5°	8992.9	9654.7	10316.5	10842.6	11368.4	11775.1	12181.5
25°	8734.5	9551.7	10369.0	10970.3	11571.2	11969.3	12367.6
27.5°	8486.8	9482.8	10478.8	11169.8	11860.6	12240.7	12620.4
30°	8271.3	9450.5	10629.1	11428.2	12227.3	12594.2	12961.3
32.5°	8061.8	9410.6	10758.8	11697.9	12637.0	13000.2	13363.7
35°	7817.7	9335.5	10853.9	12005.2	13156.5	13504.7	13852.6
37.5°	7503.1	9206.8	10910.4	12349.4	13788.4	14232.0	14675.6
40°	7113.3	9029.5	10946.1	12786.4	14626.4	15272.9	15919.4
42.5°	6680.3	8846.6	11013.5	13358.0	15702.6	16635.8	17568.8
45°	6221.4	8676.6	11132.2	14110.3	17088.3	18347.0	19605.8
47.5°	5858.9	8536.3	11213.7	14911.7	18609.7	20381.6	22153.1
50°	5606.2	8383.4	11160.5	15655.3	20150.2	22821.2	25492.0
52.5°	5417.3	8125.0	10832.9	16138.2	21443.1	25383.9	29324.6
55°	5237.0	7696.6	10156.2	16031.8	21907.0	27655.9	33405.1
57.5°	5034.9	7092.7	9150.3	15282.9	21415.8	29266.1	37116.4
60°	4816.1	6308.6	7801.1	13889.2	19977.2	29668.5	39359.5
62.5°	4458.9	5370.1	6281.3	12004.6	17727.8	27974.1	38220.5
65°	4100.4	4525.7	4951.1	10081.7	15212.7	25576.7	35940.8
67.5°	3593.2	3714.3	3835.0	8198.2	12561.3	22723.7	32886.3
70°	2973.7	2939.5	2904.8	6454.8	10004.9	19610.7	29216.6
72.5°	2449.2	2344.8	2240.8	4934.8	7628.8	16236.0	24843.4
75°	1928.8	1834.3	1739.9	3581.7	5423.3	12367.3	19311.4
77.5°	1468.2	1403.7	1339.6	2427.0	3514.4	8656.0	13797.7
80°	1057.5	1030.9	1004.3	1563.6	2123.4	5576.9	9030.6
82.5°	727.6	722.3	717.6	961.8	1206.5	3227.7	5249.3
85°	429.0	431.6	434.0	514.1	594.6	1451.9	2309.6
87.5°	185.5	187.9	190.2	213.2	236.2	475.6	715.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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