

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: McGRAW-EDISON

Report Number: P954731

Luminaire Tested: **GALN-SB7D-927-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P954731
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: McGRAW-EDISON
Catalog Number: GALN-SB7D-927-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(7) 90 CRI, 2700K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 43893 lumens
Efficiency: N/A
Efficacy: 85.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

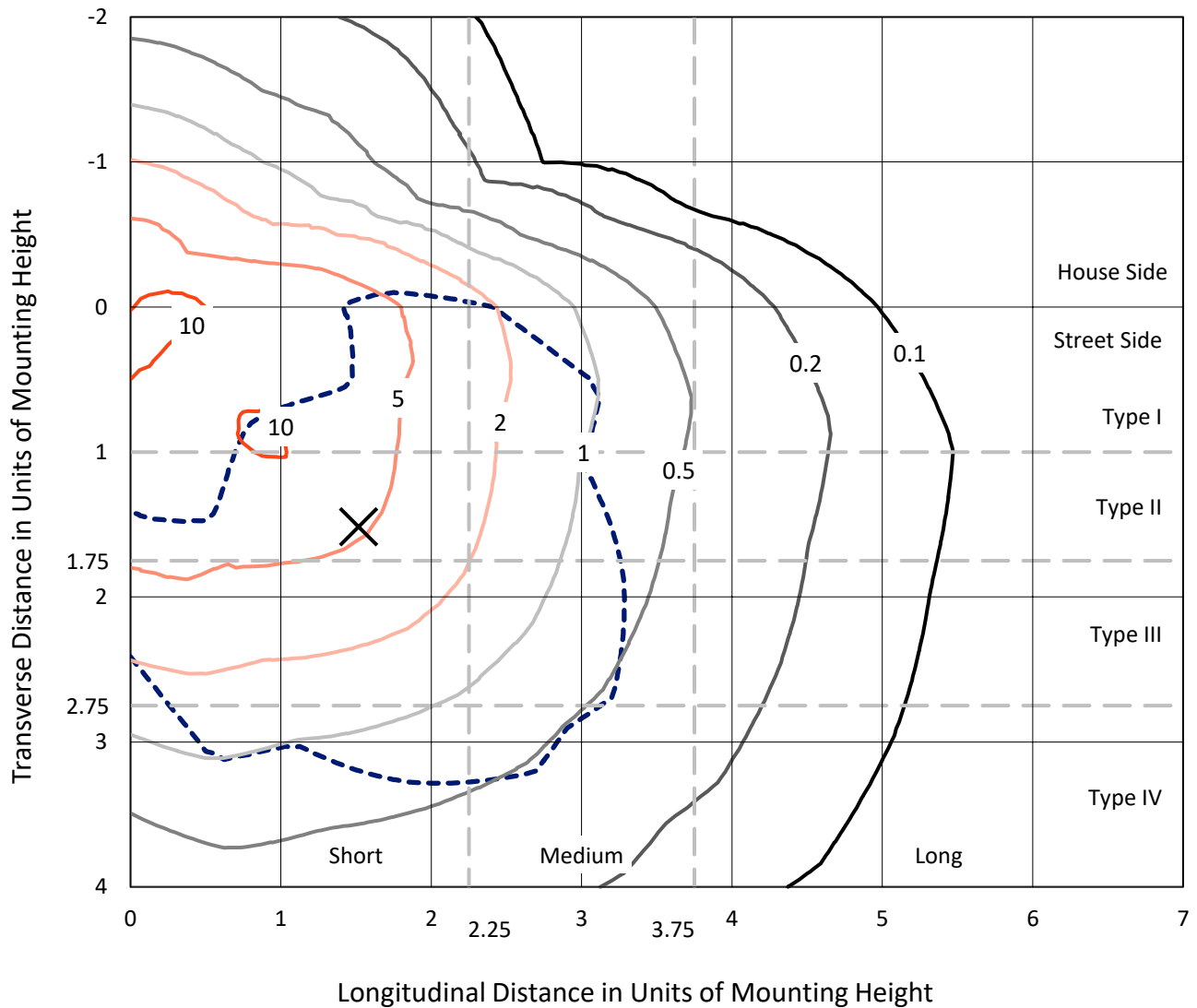
Input Watts (W): 512.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P954731
 CATALOG NUMBER: GALN-SB7D-927-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

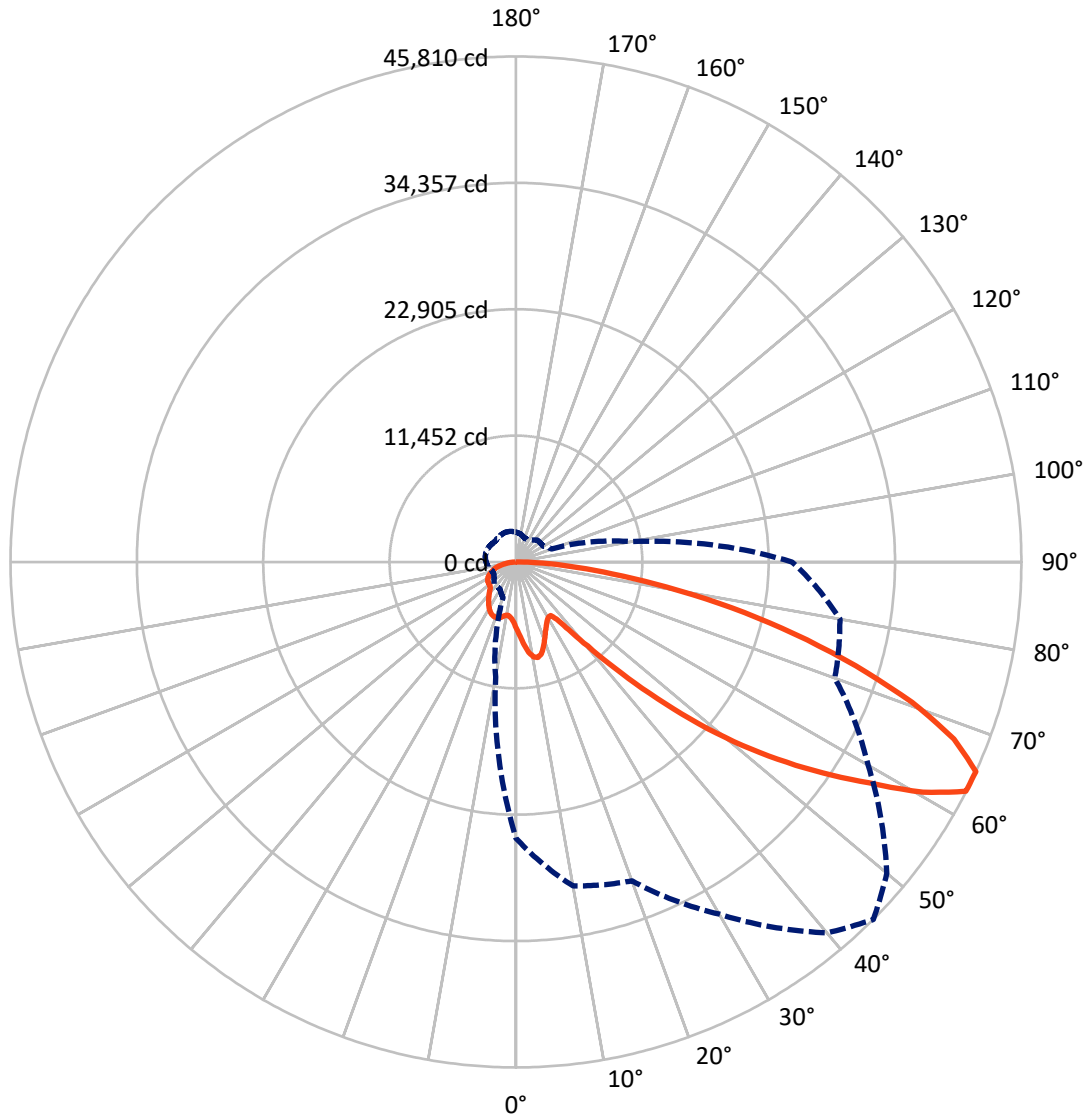
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 13.4 fc
 Type IV - Short - N/A

REPORT NUMBER: P954731
CATALOG NUMBER: GALN-SB7D-927-U-SLL

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P954731
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11155.4	0.0	11155.4
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	32737.6	0.0	32737.6
	% Fixture	74.6	0.0	74.6
Total	Lumens	43893.0	0.0	43893.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	598.7	1.4
10°-20°	1879.6	4.3
20°-30°	2903.3	6.6
30°-40°	3679.1	8.4
40°-50°	5549.1	12.6
50°-60°	8965.4	20.4
60°-70°	11176.8	25.5
70°-80°	7329.2	16.7
80°-90°	1812.0	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°	43893.0	100.0
0°-180°	43893.0	100.0

Coefficient of Utilization



REPORT NUMBER: P954731

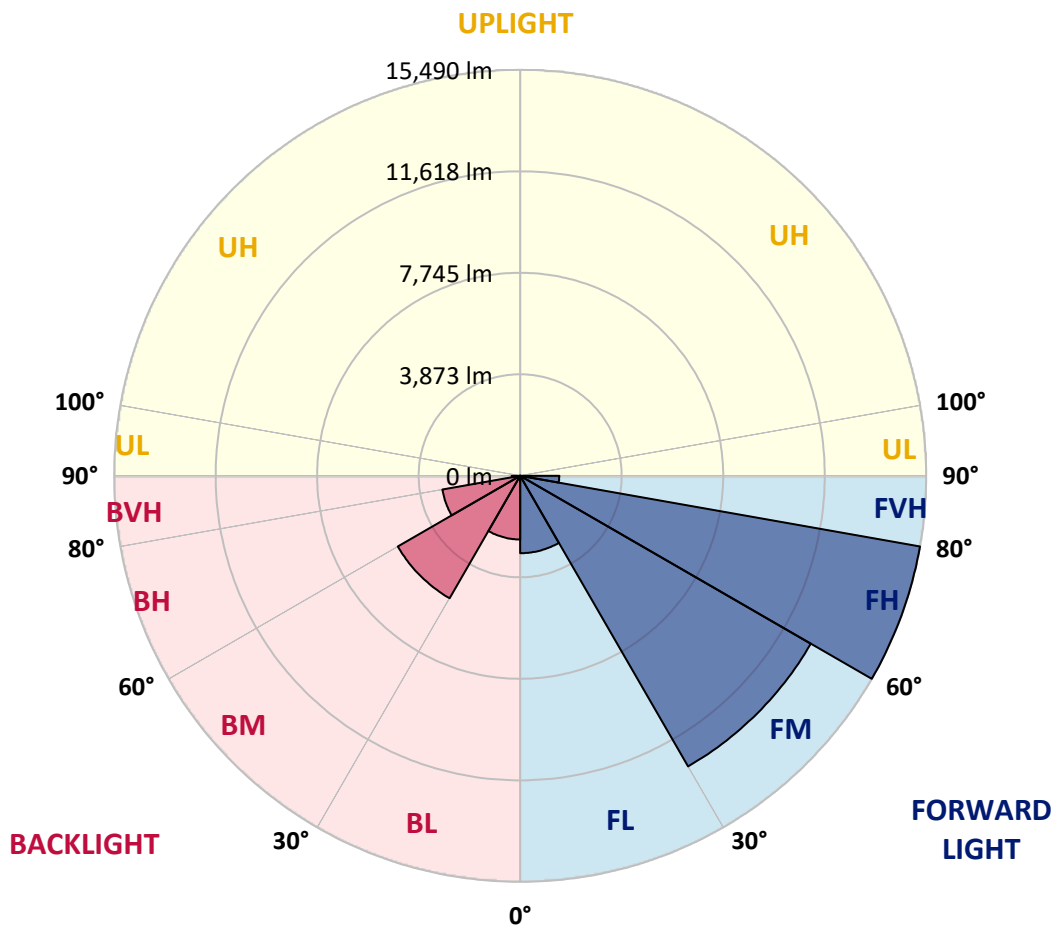
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2952.3	6.7			
FM (30°-60°)	12802.6	29.2			
FH (60°-80°)	15490.0	35.3			G5
FVH (80°-90°)	1492.7	3.4			G5
BL (0°-30°)	2429.2	5.5	B3/2500		
BM (30°-60°)	5391.0	12.3	B4/8500		
BH (60°-80°)	3015.9	6.9	B4/5000		G4/5000
BVH (80°-90°)	319.3	0.7			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5

Type IV Short



REPORT NUMBER: P954731

CATALOG NUMBER: GALN-SB7D-927-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7
2.5°	6490.8	6515.3	6540.1	6575.1	6610.0	6630.9	6651.7	6662.2	6672.6	6668.0
5°	6979.5	7065.4	7151.5	7236.8	7322.2	7368.6	7414.9	7442.9	7471.2	7492.5
7.5°	7470.5	7610.4	7750.0	7875.8	8001.5	8077.3	8153.0	8194.0	8234.8	8254.5
10°	7846.8	8012.2	8177.6	8325.1	8472.6	8562.0	8651.0	8690.8	8730.4	8745.5
12.5°	8077.3	8256.5	8435.6	8569.0	8701.9	8766.8	8831.6	8853.4	8875.2	8877.5
15°	8217.4	8372.1	8526.6	8610.2	8694.0	8696.4	8698.7	8675.5	8652.4	8625.0
17.5°	8296.1	8400.6	8505.1	8506.7	8508.1	8414.3	8320.5	8234.5	8148.4	8087.7
20°	8383.0	8419.4	8456.0	8345.9	8235.9	8028.9	7821.8	7671.0	7520.3	7427.6
22.5°	8483.7	8436.0	8388.3	8160.4	7932.5	7628.0	7323.4	7134.9	6946.3	6844.0
25°	8613.4	8462.9	8312.4	7966.3	7620.3	7250.4	6880.6	6682.3	6484.5	6387.7
27.5°	8789.5	8520.3	8251.0	7792.6	7334.5	6924.6	6514.6	6319.6	6124.8	6033.3
30°	9026.9	8625.5	8224.3	7660.2	7096.0	6668.9	6241.8	6060.9	5880.0	5794.8
32.5°	9307.1	8757.5	8208.1	7569.8	6931.5	6530.1	6128.8	5986.8	5844.6	5783.2
35°	9647.6	8975.0	8302.6	7637.5	6972.5	6693.7	6415.0	6381.9	6348.8	6343.7
37.5°	10220.8	9429.6	8638.5	8034.0	7429.5	7411.4	7393.3	7544.8	7696.3	7775.0
40°	11087.0	10226.6	9366.2	8916.6	8467.1	8784.4	9101.7	9469.9	9838.2	10021.6
42.5°	12235.8	11382.1	10528.4	10269.4	10010.5	10702.5	11394.6	12064.4	12734.2	13127.5
45°	13654.4	12887.5	12120.4	12006.2	11891.8	13000.5	14109.5	15210.1	16310.9	16979.1
47.5°	15428.5	14682.5	13936.2	13913.1	13889.9	15489.4	17088.4	18699.7	20310.7	21256.8
50°	17753.8	16832.2	15910.9	15914.8	15918.8	17980.1	20041.4	22168.2	24295.1	25580.9
52.5°	20423.1	19307.2	18191.5	18078.7	17965.7	20427.9	22890.1	25521.6	28152.9	29694.3
55°	23264.9	22162.4	21060.0	20620.2	20180.3	22920.7	25660.8	28798.0	31935.1	33768.2
57.5°	25849.6	25249.3	24648.7	23766.5	22884.6	25651.6	28418.6	31971.9	35525.0	37798.2
60°	27411.8	28344.2	29276.9	28181.4	27085.9	29704.5	32323.0	36127.4	39931.7	42388.6
62.5°	26618.5	29166.4	31714.3	31590.9	31467.2	33866.0	36264.9	39884.5	43503.8	45774.7
65°	25030.9	27422.2	29813.5	30286.7	30759.7	33808.1	36856.7	40366.5	43876.0	45809.5
67.5°	22903.6	25177.9	27452.3	27674.2	27895.8	31072.1	34248.1	37772.9	41297.8	42812.5
70°	20347.8	22821.6	25295.6	25394.7	25494.1	28334.5	31174.7	34208.0	37241.2	38083.1
72.5°	17302.2	20141.0	22980.0	23051.3	23122.4	25344.7	27567.0	29838.8	32110.4	32195.6
75°	13449.4	16387.5	19325.7	19589.5	19853.3	21582.3	23311.2	24910.4	26509.7	26081.2
77.5°	9609.4	12352.0	15095.0	15472.5	15850.0	17164.4	18478.7	19612.9	20747.3	20010.8
80°	6289.3	8596.8	10904.0	11373.3	11842.5	12835.2	13827.4	14423.1	15018.5	13833.9
82.5°	3655.9	5233.4	6811.1	7335.2	7859.6	8542.8	9226.0	9474.6	9722.8	8791.8
85°	1608.5	2445.8	3283.0	3728.9	4174.7	4736.1	5297.3	5438.4	5579.4	4833.6
87.5°	498.0	779.4	1060.8	1309.5	1558.2	1839.0	2119.7	2131.7	2143.5	1799.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P954731
 CATALOG NUMBER: GALN-SB7D-927-U-SLL

CANDELA DISTRIBUTION (continued):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
6035.7	0°	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7
6672.6	2.5°	6662.2	6651.7	6630.9	6610.0	6575.1	6540.1	6515.3	6490.8	6441.0	6391.2
7471.2	5°	7442.9	7414.9	7368.6	7322.2	7236.8	7151.5	7065.4	6979.5	6869.4	6759.4
8234.8	7.5°	8194.0	8153.0	8077.3	8001.5	7875.8	7750.0	7610.4	7470.5	7288.9	7107.5
8730.4	10°	8690.8	8651.0	8562.0	8472.6	8325.1	8177.6	8012.2	7846.8	7617.3	7387.8
8875.2	12.5°	8853.4	8831.6	8766.8	8701.9	8569.0	8435.6	8256.5	8077.3	7825.1	7573.1
8652.4	15°	8675.5	8698.7	8696.4	8694.0	8610.2	8526.6	8372.1	8217.4	7954.5	7691.7
8148.4	17.5°	8234.5	8320.5	8414.3	8508.1	8506.7	8505.1	8400.6	8296.1	8029.6	7763.0
7520.3	20°	7671.0	7821.8	8028.9	8235.9	8345.9	8456.0	8419.4	8383.0	8106.0	7828.8
6946.3	22.5°	7134.9	7323.4	7628.0	7932.5	8160.4	8388.3	8436.0	8483.7	8200.7	7917.5
6484.5	25°	6682.3	6880.6	7250.4	7620.3	7966.3	8312.4	8462.9	8613.4	8336.0	8058.7
6124.8	27.5°	6319.6	6514.6	6924.6	7334.5	7792.6	8251.0	8520.3	8789.5	8525.0	8260.2
5880.0	30°	6060.9	6241.8	6668.9	7096.0	7660.2	8224.3	8625.5	9026.9	8771.2	8515.7
5844.6	32.5°	5986.8	6128.8	6530.1	6931.5	7569.8	8208.1	8757.5	9307.1	9054.0	8801.0
6348.8	35°	6381.9	6415.0	6693.7	6972.5	7637.5	8302.6	8975.0	9647.6	9405.3	9162.8
7696.3	37.5°	7544.8	7393.3	7411.4	7429.5	8034.0	8638.5	9429.6	10220.8	9911.8	9602.9
9838.2	40°	9469.9	9101.7	8784.4	8467.1	8916.6	9366.2	10226.6	11087.0	10636.8	10186.5
12734.2	42.5°	12064.4	11394.6	10702.5	10010.5	10269.4	10528.4	11382.1	12235.8	11585.9	10936.0
16310.9	45°	15210.1	14109.5	13000.5	11891.8	12006.2	12120.4	12887.5	13654.4	12777.7	11901.1
20310.7	47.5°	18699.7	17088.4	15489.4	13889.9	13913.1	13936.2	14682.5	15428.5	14194.7	12960.7
24295.1	50°	22168.2	20041.4	17980.1	15918.8	15914.8	15910.9	16832.2	17753.8	15893.8	14033.5
28152.9	52.5°	25521.6	22890.1	20427.9	17965.7	18078.7	18191.5	19307.2	20423.1	17678.5	14934.0
31935.1	55°	28798.0	25660.8	22920.7	20180.3	20620.2	21060.0	22162.4	23264.9	19260.9	15257.1
35525.0	57.5°	31971.9	28418.6	25651.6	22884.6	23766.5	24648.7	25249.3	25849.6	20382.3	14915.0
39931.7	60°	36127.4	32323.0	29704.5	27085.9	28181.4	29276.9	28344.2	27411.8	20662.5	13913.1
43503.8	62.5°	39884.5	36264.9	33866.0	31467.2	31590.9	31714.3	29166.4	26618.5	19482.5	12346.5
43876.0	65°	40366.5	36856.7	33808.1	30759.7	30286.7	29813.5	27422.2	25030.9	17812.9	10594.8
41297.8	67.5°	37772.9	34248.1	31072.1	27895.8	27674.2	27452.3	25177.9	22903.6	15825.9	8748.2
37241.2	70°	34208.0	31174.7	28334.5	25494.1	25394.7	25295.6	22821.6	20347.8	13657.8	6967.9
32110.4	72.5°	29838.8	27567.0	25344.7	23122.4	23051.3	22980.0	20141.0	17302.2	11307.5	5313.1
26509.7	75°	24910.4	23311.2	21582.3	19853.3	19589.5	19325.7	16387.5	13449.4	8613.2	3777.0
20747.3	77.5°	19612.9	18478.7	17164.4	15850.0	15472.5	15095.0	12352.0	9609.4	6028.5	2447.6
15018.5	80°	14423.1	13827.4	12835.2	11842.5	11373.3	10904.0	8596.8	6289.3	3884.0	1478.8
9722.8	82.5°	9474.6	9226.0	8542.8	7859.6	7335.2	6811.1	5233.4	3655.9	2248.0	840.3
5579.4	85°	5438.4	5297.3	4736.1	4174.7	3728.9	3283.0	2445.8	1608.5	1011.2	414.1
2143.5	87.5°	2131.7	2119.7	1839.0	1558.2	1309.5	1060.8	779.4	498.0	331.2	164.4
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P954731
 CATALOG NUMBER: GALN-SB7D-927-U-SLL

CANDELA DISTRIBUTION (continued):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
6035.7	0°	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7
6338.1	2.5°	6285.3	6232.1	6178.8	6127.8	6076.9	6027.6	5972.7	5928.2	5884.0	5843.9
6649.7	5°	6540.1	6429.6	6319.4	6216.3	6113.3	6016.0	5919.9	5836.0	5751.9	5681.5
6939.9	7.5°	6772.2	6608.9	6445.6	6301.8	6158.0	6025.2	5900.9	5789.2	5677.8	5585.2
7166.1	10°	6944.7	6746.5	6548.0	6378.0	6207.5	6043.8	5910.1	5792.5	5674.8	5582.2
7322.0	12.5°	7070.9	6837.0	6603.1	6410.6	6218.2	6046.1	5921.7	5825.4	5729.5	5667.9
7419.3	15°	7146.9	6877.6	6608.2	6385.4	6162.6	5972.0	5872.4	5826.3	5780.4	5788.8
7465.8	17.5°	7168.7	6856.0	6543.3	6275.4	6007.4	5783.2	5721.8	5738.7	5755.4	5856.4
7502.2	20°	7175.6	6796.7	6417.8	6085.7	5753.6	5492.5	5476.3	5555.1	5633.8	5809.2
7551.3	22.5°	7184.9	6724.0	6263.1	5863.1	5463.1	5166.0	5197.7	5314.2	5430.7	5630.8
7640.2	25°	7221.5	6652.2	6083.1	5614.6	5146.3	4841.7	4927.4	5061.8	5196.1	5376.1
7779.2	27.5°	7297.9	6604.3	5910.6	5387.4	4864.2	4587.0	4691.2	4820.9	4950.6	5098.6
7959.2	30°	7402.6	6581.8	5760.5	5197.5	4634.4	4401.7	4483.4	4586.3	4689.6	4812.3
8147.0	32.5°	7492.9	6554.0	5614.6	5033.7	4452.6	4265.0	4301.4	4362.3	4423.2	4521.2
8361.0	35°	7559.2	6501.7	5444.6	4872.8	4300.9	4144.6	4129.5	4146.2	4163.1	4237.9
8600.7	37.5°	7598.5	6412.0	5225.5	4683.3	4141.1	4004.5	3949.4	3930.8	3912.3	3966.0
8905.0	40°	7623.3	6288.6	4954.1	4457.3	3960.5	3836.6	3752.0	3710.1	3668.2	3706.9
9303.2	42.5°	7670.3	6161.2	4652.5	4207.8	3763.1	3649.0	3542.4	3486.8	3431.3	3462.7
9827.1	45°	7753.0	6042.8	4332.9	3942.9	3552.8	3437.0	3334.0	3279.8	3225.8	3252.2
10385.2	47.5°	7809.8	5945.1	4080.4	3733.3	3386.1	3236.7	3148.0	3102.6	3057.2	3082.2
10903.1	50°	7772.7	5838.6	3904.4	3594.1	3283.7	3087.3	2984.2	2944.0	2903.9	2942.8
11239.4	52.5°	7544.6	5658.6	3772.9	3502.4	3232.1	3006.3	2862.2	2822.4	2782.8	2841.3
11165.3	55°	7073.3	5360.3	3647.3	3435.9	3224.4	3014.4	2797.3	2734.3	2671.6	2754.7
10643.7	57.5°	6372.7	4939.7	3506.5	3357.1	3207.8	3022.5	2758.4	2666.7	2575.0	2664.4
9673.0	60°	5433.0	4393.6	3354.1	3236.7	3119.3	2997.0	2721.8	2603.0	2484.0	2562.5
8360.5	62.5°	4374.6	3740.0	3105.4	3027.3	2949.5	2934.5	2679.2	2530.5	2382.1	2431.9
7021.4	65°	3448.2	3151.9	2855.7	2818.9	2782.1	2783.9	2589.4	2431.4	2273.2	2292.4
5709.6	67.5°	2670.9	2586.8	2502.5	2523.1	2543.5	2538.4	2429.1	2297.5	2166.0	2160.0
4495.5	70°	2023.1	2047.2	2071.0	2166.4	2261.6	2261.6	2225.7	2132.2	2038.6	2017.8
3436.8	72.5°	1560.6	1633.1	1705.8	1841.0	1976.1	1998.8	1999.2	1935.1	1870.9	1840.3
2494.4	75°	1211.8	1277.5	1343.3	1494.8	1646.3	1750.9	1742.1	1692.8	1643.2	1614.1
1690.3	77.5°	932.9	977.6	1022.5	1169.6	1316.7	1489.2	1484.6	1445.0	1405.4	1375.7
1089.0	80°	699.5	718.0	736.5	861.1	985.5	1191.6	1190.9	1157.8	1124.4	1099.7
669.8	82.5°	499.8	503.0	506.8	598.5	690.2	866.2	875.9	859.7	843.5	825.9
358.1	85°	302.2	300.6	298.8	365.9	433.1	564.0	576.7	559.3	542.0	522.3
148.5	87.5°	132.5	130.9	129.2	156.6	184.1	238.6	254.8	247.8	240.9	237.2
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P954731
 CATALOG NUMBER: GALN-SB7D-927-U-SLL

CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
6035.7	0°	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7
5804.1	2.5°	5769.1	5734.1	5698.9	5663.9	5636.8	5609.5	5587.5	5565.5	5548.4	5531.2
5611.4	5°	5549.3	5487.2	5430.9	5374.4	5331.1	5287.6	5257.2	5226.9	5205.4	5183.8
5492.5	7.5°	5414.5	5336.2	5267.2	5198.4	5146.8	5095.3	5059.2	5023.1	4998.3	4973.7
5489.5	10°	5405.5	5321.2	5243.6	5166.0	5104.4	5042.5	5002.2	4961.5	4938.1	4914.7
5606.7	12.5°	5540.5	5474.7	5394.3	5314.2	5235.5	5156.7	5104.6	5052.5	5026.3	5000.4
5797.1	15°	5780.0	5762.8	5693.1	5623.4	5511.3	5399.2	5320.0	5240.8	5204.4	5168.3
5957.4	17.5°	6011.1	6064.6	6008.3	5952.3	5803.8	5655.4	5538.6	5421.9	5368.2	5314.2
5984.7	20°	6097.0	6209.4	6183.4	6157.3	5987.5	5818.0	5674.8	5531.9	5463.1	5394.1
5831.4	22.5°	5977.5	6123.7	6139.4	6154.9	5992.8	5830.7	5683.4	5535.9	5463.4	5390.6
5556.2	25°	5700.1	5843.9	5897.6	5951.1	5818.2	5685.5	5554.4	5423.8	5360.8	5298.0
5246.4	27.5°	5361.7	5477.0	5536.8	5596.8	5502.0	5407.5	5305.9	5204.2	5162.0	5119.7
4935.1	30°	5030.7	5126.6	5175.2	5223.9	5151.9	5079.6	5006.9	4933.7	4912.1	4890.4
4619.4	32.5°	4711.1	4803.1	4857.0	4911.2	4845.0	4778.5	4720.4	4662.2	4648.1	4634.0
4312.5	35°	4403.3	4494.3	4559.2	4624.0	4576.8	4529.8	4476.0	4422.5	4401.0	4379.7
4019.5	37.5°	4110.1	4200.9	4281.0	4361.2	4339.4	4317.6	4268.3	4218.7	4179.6	4140.7
3745.5	40°	3833.1	3920.6	4012.8	4105.2	4110.6	4115.6	4073.7	4031.8	3974.8	3918.3
3494.5	42.5°	3577.4	3660.5	3760.1	3859.7	3886.4	3913.0	3877.6	3842.4	3771.7	3701.1
3279.1	45°	3357.8	3436.6	3539.9	3643.2	3681.4	3719.6	3687.6	3655.9	3575.1	3494.5
3107.0	47.5°	3184.1	3261.0	3362.9	3464.8	3508.8	3552.8	3530.6	3508.4	3436.6	3364.8
2981.9	50°	3054.7	3127.2	3218.4	3309.7	3366.2	3422.7	3421.3	3420.4	3362.9	3305.5
2899.7	52.5°	2966.4	3032.9	3117.9	3203.1	3270.1	3337.0	3349.0	3361.1	3314.3	3267.5
2837.6	55°	2909.4	2981.2	3055.8	3130.2	3201.0	3272.1	3288.8	3305.5	3264.7	3224.0
2753.8	57.5°	2838.1	2922.4	2996.1	3069.9	3141.5	3212.8	3229.8	3246.7	3205.4	3164.2
2640.8	60°	2737.6	2834.4	2909.2	2984.2	3056.0	3127.8	3146.4	3164.9	3124.6	3084.5
2481.7	62.5°	2594.5	2707.5	2787.4	2867.3	2933.1	2998.8	3016.7	3034.5	2998.1	2961.8
2311.4	65°	2432.3	2553.5	2629.9	2706.3	2764.2	2822.1	2840.4	2858.5	2823.5	2788.5
2153.9	67.5°	2265.6	2377.4	2449.9	2522.2	2572.2	2622.2	2640.1	2657.7	2625.5	2593.5
1996.9	70°	2095.1	2193.3	2255.8	2318.4	2363.5	2408.7	2425.8	2443.0	2416.8	2390.6
1810.0	72.5°	1887.4	1964.5	2021.0	2077.5	2121.7	2166.0	2186.4	2206.7	2185.0	2163.2
1584.7	75°	1642.1	1699.5	1750.7	1801.9	1842.2	1882.5	1903.8	1925.1	1914.5	1903.8
1346.1	77.5°	1392.9	1439.4	1483.4	1527.4	1569.8	1612.0	1631.9	1651.8	1637.0	1621.7
1074.7	80°	1113.6	1152.2	1189.3	1226.4	1258.5	1290.5	1316.9	1343.3	1336.8	1330.6
808.3	82.5°	805.1	801.8	788.9	775.9	844.4	913.0	957.9	1002.9	1000.1	997.1
502.6	85°	485.9	469.0	433.1	397.2	461.4	525.7	581.3	636.9	632.3	627.7
233.5	87.5°	232.8	232.1	204.7	177.2	204.0	231.1	253.6	276.1	270.5	264.5
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P954731
 CATALOG NUMBER: GALN-SB7D-927-U-SLL

CANDELA DISTRIBUTION (continued):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
6035.7	0°	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7
5515.5	2.5°	5499.5	5479.8	5499.5	5515.5	5531.2	5548.4	5565.5	5587.5	5609.5	5636.8
5167.4	5°	5150.9	5134.7	5150.9	5167.4	5183.8	5205.4	5226.9	5257.2	5287.6	5331.1
4958.9	7.5°	4944.3	4933.2	4944.3	4958.9	4973.7	4998.3	5023.1	5059.2	5095.3	5146.8
4902.2	10°	4889.7	4884.6	4889.7	4902.2	4914.7	4938.1	4961.5	5002.2	5042.5	5104.4
4989.7	12.5°	4979.1	4977.2	4979.1	4989.7	5000.4	5026.3	5052.5	5104.6	5156.7	5235.5
5154.4	15°	5140.5	5139.3	5140.5	5154.4	5168.3	5204.4	5240.8	5320.0	5399.2	5511.3
5296.6	17.5°	5278.8	5276.0	5278.8	5296.6	5314.2	5368.2	5421.9	5538.6	5655.4	5803.8
5372.1	20°	5350.1	5343.2	5350.1	5372.1	5394.1	5463.1	5531.9	5674.8	5818.0	5987.5
5366.3	22.5°	5342.0	5331.6	5342.0	5366.3	5390.6	5463.4	5535.9	5683.4	5830.7	5992.8
5275.1	25°	5252.4	5238.9	5252.4	5275.1	5298.0	5360.8	5423.8	5554.4	5685.5	5818.2
5109.2	27.5°	5098.8	5095.3	5098.8	5109.2	5119.7	5162.0	5204.2	5305.9	5407.5	5502.0
4890.4	30°	4890.4	4893.8	4890.4	4890.4	4890.4	4912.1	4933.7	5006.9	5079.6	5151.9
4635.8	32.5°	4637.9	4641.4	4637.9	4635.8	4634.0	4648.1	4662.2	4720.4	4778.5	4845.0
4375.0	35°	4370.4	4368.1	4370.4	4375.0	4379.7	4401.0	4422.5	4476.0	4529.8	4576.8
4120.0	37.5°	4099.4	4087.9	4099.4	4120.0	4140.7	4179.6	4218.7	4268.3	4317.6	4339.4
3879.9	40°	3841.9	3819.2	3841.9	3879.9	3918.3	3974.8	4031.8	4073.7	4115.6	4110.6
3645.3	42.5°	3589.4	3552.8	3589.4	3645.3	3701.1	3771.7	3842.4	3877.6	3913.0	3886.4
3428.9	45°	3363.4	3321.2	3363.4	3428.9	3494.5	3575.1	3655.9	3687.6	3719.6	3681.4
3304.1	47.5°	3243.6	3203.1	3243.6	3304.1	3364.8	3436.6	3508.4	3530.6	3552.8	3508.8
3249.4	50°	3193.4	3154.5	3193.4	3249.4	3305.5	3362.9	3420.4	3421.3	3422.7	3366.2
3217.2	52.5°	3167.2	3131.3	3167.2	3217.2	3267.5	3314.3	3361.1	3349.0	3337.0	3270.1
3180.0	55°	3136.0	3103.5	3136.0	3180.0	3224.0	3264.7	3305.5	3288.8	3272.1	3201.0
3120.7	57.5°	3076.9	3043.3	3076.9	3120.7	3164.2	3205.4	3246.7	3229.8	3212.8	3141.5
3039.6	60°	2994.7	2959.9	2994.7	3039.6	3084.5	3124.6	3164.9	3146.4	3127.8	3056.0
2914.5	62.5°	2867.3	2825.6	2867.3	2914.5	2961.8	2998.1	3034.5	3016.7	2998.8	2933.1
2742.7	65°	2697.1	2661.2	2697.1	2742.7	2788.5	2823.5	2858.5	2840.4	2822.1	2764.2
2550.9	67.5°	2508.3	2475.9	2508.3	2550.9	2593.5	2625.5	2657.7	2640.1	2622.2	2572.2
2349.9	70°	2309.1	2272.1	2309.1	2349.9	2390.6	2416.8	2443.0	2425.8	2408.7	2363.5
2124.3	72.5°	2085.6	2049.7	2085.6	2124.3	2163.2	2185.0	2206.7	2186.4	2166.0	2121.7
1871.1	75°	1838.5	1804.2	1838.5	1871.1	1903.8	1914.5	1925.1	1903.8	1882.5	1842.2
1588.8	77.5°	1555.9	1528.6	1555.9	1588.8	1621.7	1637.0	1651.8	1631.9	1612.0	1569.8
1286.3	80°	1241.9	1190.5	1241.9	1286.3	1330.6	1336.8	1343.3	1316.9	1290.5	1258.5
959.8	82.5°	922.3	889.4	922.3	959.8	997.1	1000.1	1002.9	957.9	913.0	844.4
598.5	85°	569.3	539.6	569.3	598.5	627.7	632.3	636.9	581.3	525.7	461.4
249.7	87.5°	234.4	220.0	234.4	249.7	264.5	270.5	276.1	253.6	231.1	204.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P954731
 CATALOG NUMBER: GALN-SB7D-927-U-SLL

CANDELA DISTRIBUTION (continued):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
6035.7	0°	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7
5663.9	2.5°	5698.9	5734.1	5769.1	5804.1	5843.9	5884.0	5928.2	5972.7	6027.6	6076.9
5374.4	5°	5430.9	5487.2	5549.3	5611.4	5681.5	5751.9	5836.0	5919.9	6016.0	6113.3
5198.4	7.5°	5267.2	5336.2	5414.5	5492.5	5585.2	5677.8	5789.2	5900.9	6025.2	6158.0
5166.0	10°	5243.6	5321.2	5405.5	5489.5	5582.2	5674.8	5792.5	5910.1	6043.8	6207.5
5314.2	12.5°	5394.3	5474.7	5540.5	5606.7	5667.9	5729.5	5825.4	5921.7	6046.1	6218.2
5623.4	15°	5693.1	5762.8	5780.0	5797.1	5788.8	5780.4	5826.3	5872.4	5972.0	6162.6
5952.3	17.5°	6008.3	6064.6	6011.1	5957.4	5856.4	5755.4	5738.7	5721.8	5783.2	6007.4
6157.3	20°	6183.4	6209.4	6097.0	5984.7	5809.2	5633.8	5555.1	5476.3	5492.5	5753.6
6154.9	22.5°	6139.4	6123.7	5977.5	5831.4	5630.8	5430.7	5314.2	5197.7	5166.0	5463.1
5951.1	25°	5897.6	5843.9	5700.1	5556.2	5376.1	5196.1	5061.8	4927.4	4841.7	5146.3
5596.8	27.5°	5536.8	5477.0	5361.7	5246.4	5098.6	4950.6	4820.9	4691.2	4587.0	4864.2
5223.9	30°	5175.2	5126.6	5030.7	4935.1	4812.3	4689.6	4586.3	4483.4	4401.7	4634.4
4911.2	32.5°	4857.0	4803.1	4711.1	4619.4	4521.2	4423.2	4362.3	4301.4	4265.0	4452.6
4624.0	35°	4559.2	4494.3	4403.3	4312.5	4237.9	4163.1	4146.2	4129.5	4144.6	4300.9
4361.2	37.5°	4281.0	4200.9	4110.1	4019.5	3966.0	3912.3	3930.8	3949.4	4004.5	4141.1
4105.2	40°	4012.8	3920.6	3833.1	3745.5	3706.9	3668.2	3710.1	3752.0	3836.6	3960.5
3859.7	42.5°	3760.1	3660.5	3577.4	3494.5	3462.7	3431.3	3486.8	3542.4	3649.0	3763.1
3643.2	45°	3539.9	3436.6	3357.8	3279.1	3252.2	3225.8	3279.8	3334.0	3437.0	3552.8
3464.8	47.5°	3362.9	3261.0	3184.1	3107.0	3082.2	3057.2	3102.6	3148.0	3236.7	3386.1
3309.7	50°	3218.4	3127.2	3054.7	2981.9	2942.8	2903.9	2944.0	2984.2	3087.3	3283.7
3203.1	52.5°	3117.9	3032.9	2966.4	2899.7	2841.3	2782.8	2822.4	2862.2	3006.3	3232.1
3130.2	55°	3055.8	2981.2	2909.4	2837.6	2754.7	2671.6	2734.3	2797.3	3014.4	3224.4
3069.9	57.5°	2996.1	2922.4	2838.1	2753.8	2664.4	2575.0	2666.7	2758.4	3022.5	3207.8
2984.2	60°	2909.2	2834.4	2737.6	2640.8	2562.5	2484.0	2603.0	2721.8	2997.0	3119.3
2867.3	62.5°	2787.4	2707.5	2594.5	2481.7	2431.9	2382.1	2530.5	2679.2	2934.5	2949.5
2706.3	65°	2629.9	2553.5	2432.3	2311.4	2292.4	2273.2	2431.4	2589.4	2783.9	2782.1
2522.2	67.5°	2449.9	2377.4	2265.6	2153.9	2160.0	2166.0	2297.5	2429.1	2538.4	2543.5
2318.4	70°	2255.8	2193.3	2095.1	1996.9	2017.8	2038.6	2132.2	2225.7	2261.6	2261.6
2077.5	72.5°	2021.0	1964.5	1887.4	1810.0	1840.3	1870.9	1935.1	1999.2	1998.8	1976.1
1801.9	75°	1750.7	1699.5	1642.1	1584.7	1614.1	1643.2	1692.8	1742.1	1750.9	1646.3
1527.4	77.5°	1483.4	1439.4	1392.9	1346.1	1375.7	1405.4	1445.0	1484.6	1489.2	1316.7
1226.4	80°	1189.3	1152.2	1113.6	1074.7	1099.7	1124.4	1157.8	1190.9	1191.6	985.5
775.9	82.5°	788.9	801.8	805.1	808.3	825.9	843.5	859.7	875.9	866.2	690.2
397.2	85°	433.1	469.0	485.9	502.6	522.3	542.0	559.3	576.7	564.0	433.1
177.2	87.5°	204.7	232.1	232.8	233.5	237.2	240.9	247.8	254.8	238.6	184.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P954731
 CATALOG NUMBER: GALN-SB7D-927-U-SLL

CANDELA DISTRIBUTION (continued):

325°		330°	335°	340°	345°	350°	355°	360°
6035.7	0°	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7	6035.7
6127.8	2.5°	6178.8	6232.1	6285.3	6338.1	6391.2	6441.0	6490.8
6216.3	5°	6319.4	6429.6	6540.1	6649.7	6759.4	6869.4	6979.5
6301.8	7.5°	6445.6	6608.9	6772.2	6939.9	7107.5	7288.9	7470.5
6378.0	10°	6548.0	6746.5	6944.7	7166.1	7387.8	7617.3	7846.8
6410.6	12.5°	6603.1	6837.0	7070.9	7322.0	7573.1	7825.1	8077.3
6385.4	15°	6608.2	6877.6	7146.9	7419.3	7691.7	7954.5	8217.4
6275.4	17.5°	6543.3	6856.0	7168.7	7465.8	7763.0	8029.6	8296.1
6085.7	20°	6417.8	6796.7	7175.6	7502.2	7828.8	8106.0	8383.0
5863.1	22.5°	6263.1	6724.0	7184.9	7551.3	7917.5	8200.7	8483.7
5614.6	25°	6083.1	6652.2	7221.5	7640.2	8058.7	8336.0	8613.4
5387.4	27.5°	5910.6	6604.3	7297.9	7779.2	8260.2	8525.0	8789.5
5197.5	30°	5760.5	6581.8	7402.6	7959.2	8515.7	8771.2	9026.9
5033.7	32.5°	5614.6	6554.0	7492.9	8147.0	8801.0	9054.0	9307.1
4872.8	35°	5444.6	6501.7	7559.2	8361.0	9162.8	9405.3	9647.6
4683.3	37.5°	5225.5	6412.0	7598.5	8600.7	9602.9	9911.8	10220.8
4457.3	40°	4954.1	6288.6	7623.3	8905.0	10186.5	10636.8	11087.0
4207.8	42.5°	4652.5	6161.2	7670.3	9303.2	10936.0	11585.9	12235.8
3942.9	45°	4332.9	6042.8	7753.0	9827.1	11901.1	12777.7	13654.4
3733.3	47.5°	4080.4	5945.1	7809.8	10385.2	12960.7	14194.7	15428.5
3594.1	50°	3904.4	5838.6	7772.7	10903.1	14033.5	15893.8	17753.8
3502.4	52.5°	3772.9	5658.6	7544.6	11239.4	14934.0	17678.5	20423.1
3435.9	55°	3647.3	5360.3	7073.3	11165.3	15257.1	19260.9	23264.9
3357.1	57.5°	3506.5	4939.7	6372.7	10643.7	14915.0	20382.3	25849.6
3236.7	60°	3354.1	4393.6	5433.0	9673.0	13913.1	20662.5	27411.8
3027.3	62.5°	3105.4	3740.0	4374.6	8360.5	12346.5	19482.5	26618.5
2818.9	65°	2855.7	3151.9	3448.2	7021.4	10594.8	17812.9	25030.9
2523.1	67.5°	2502.5	2586.8	2670.9	5709.6	8748.2	15825.9	22903.6
2166.4	70°	2071.0	2047.2	2023.1	4495.5	6967.9	13657.8	20347.8
1841.0	72.5°	1705.8	1633.1	1560.6	3436.8	5313.1	11307.5	17302.2
1494.8	75°	1343.3	1277.5	1211.8	2494.4	3777.0	8613.2	13449.4
1169.6	77.5°	1022.5	977.6	932.9	1690.3	2447.6	6028.5	9609.4
861.1	80°	736.5	718.0	699.5	1089.0	1478.8	3884.0	6289.3
598.5	82.5°	506.8	503.0	499.8	669.8	840.3	2248.0	3655.9
365.9	85°	298.8	300.6	302.2	358.1	414.1	1011.2	1608.5
156.6	87.5°	129.2	130.9	132.5	148.5	164.4	331.2	498.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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