

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: P957125

Luminaire Tested: **GALN-SB9C-827-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P957125
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-SB9C-827-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(9) 80 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 59104 lumens
Efficiency: N/A
Efficacy: 131.4 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

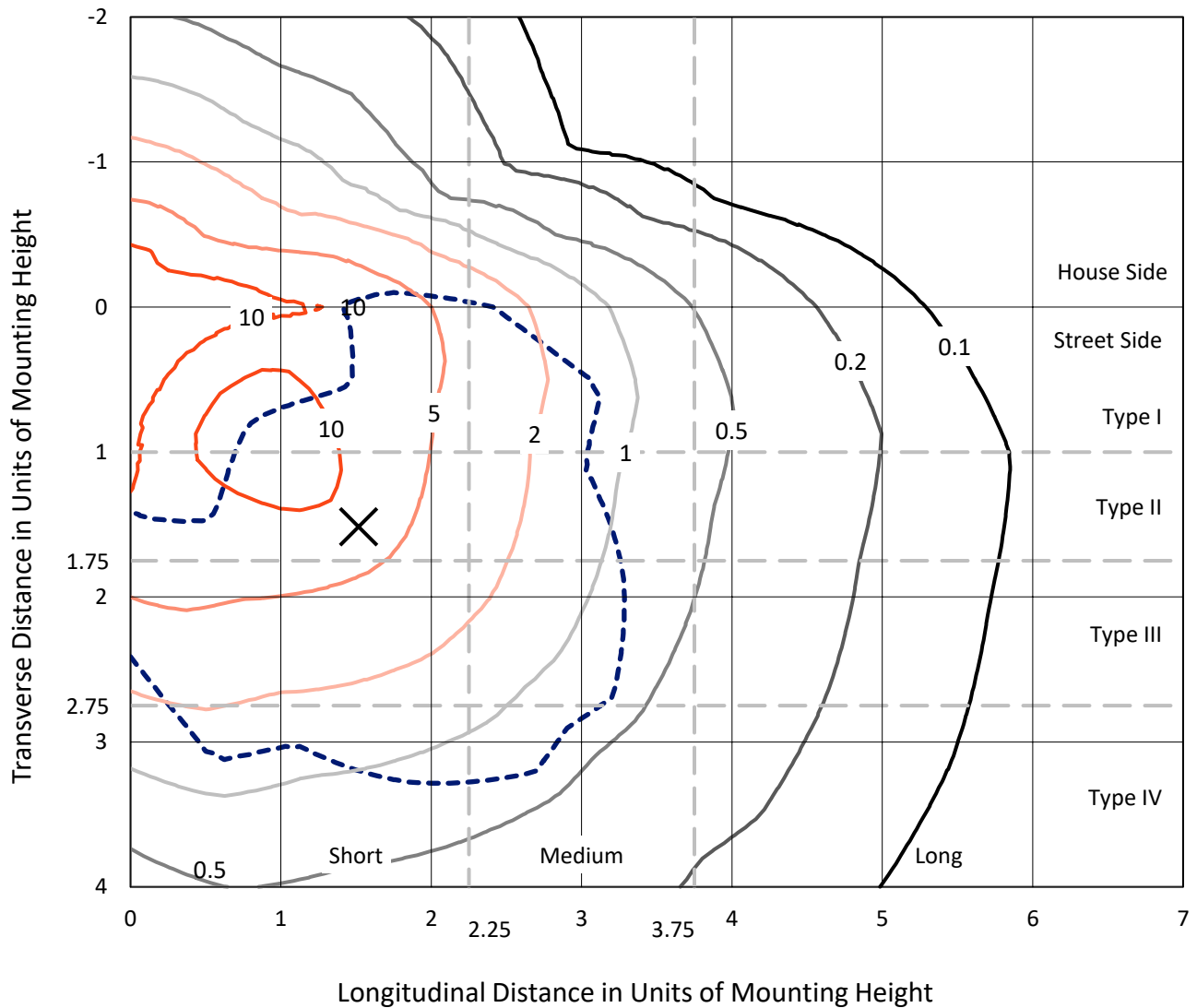
Input Watts (W): 449.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

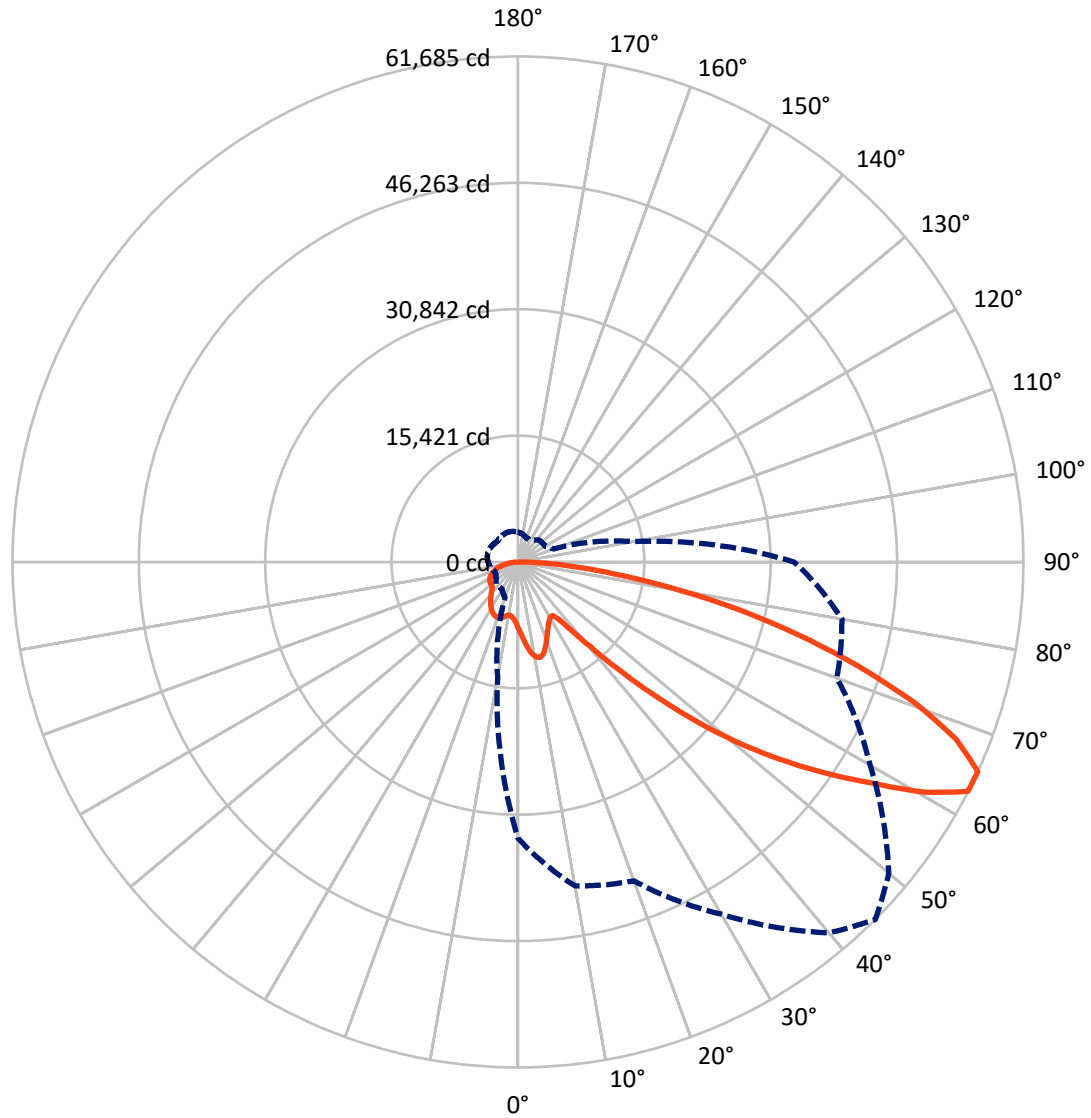
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 18 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	15021.3	0.0	15021.3
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	44082.7	0.0	44082.7
	% Fixture	74.6	0.0	74.6
Total	Lumens	59104.0	0.0	59104.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	806.2	1.4
10°-20°	2530.9	4.3
20°-30°	3909.4	6.6
30°-40°	4954.1	8.4
40°-50°	7472.1	12.6
50°-60°	12072.3	20.4
60°-70°	15050.0	25.5
70°-80°	9869.1	16.7
80°-90°	2439.9	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°	59104.0	100.0
0°-180°	59104.0	100.0



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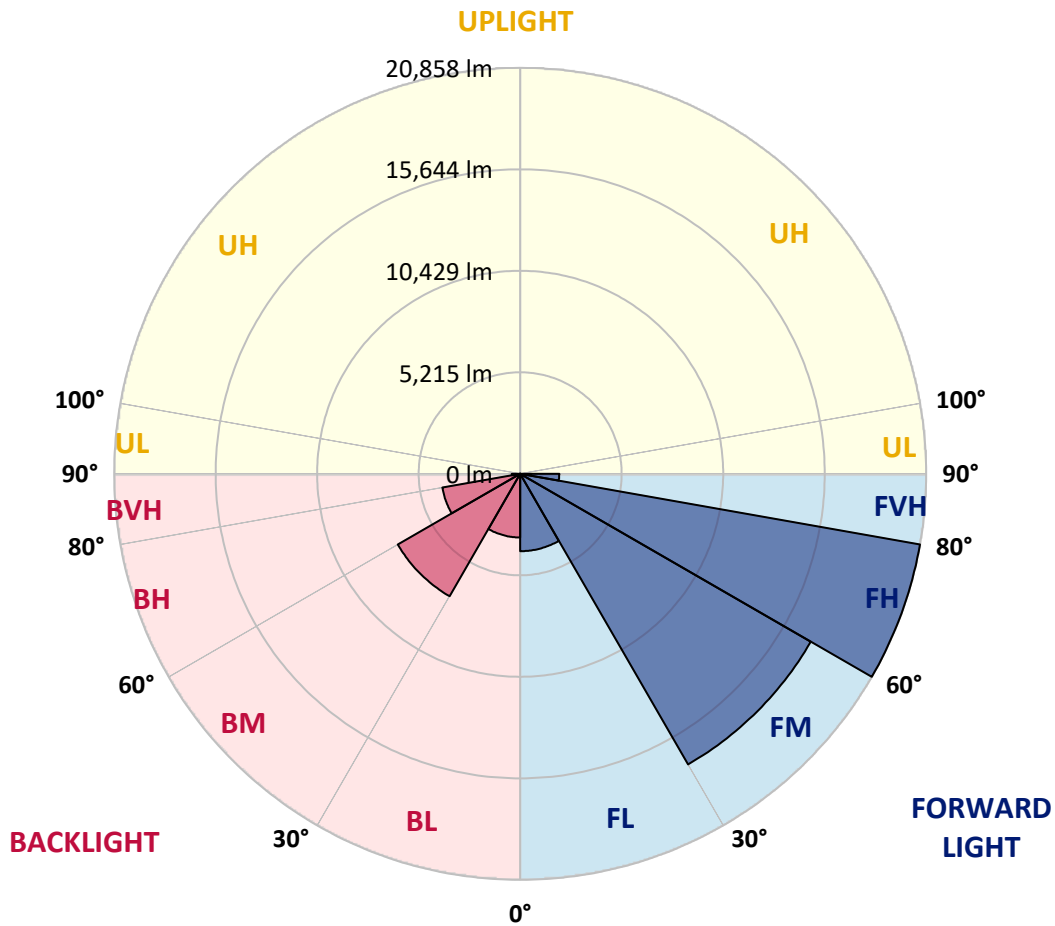
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3975.4	6.7			
FM (30°-60°)	17239.3	29.2			
FH (60°-80°)	20858.0	35.3			G5
FVH (80°-90°)	2009.9	3.4			G5
BL (0°-30°)	3271.1	5.5	B4/5000		
BM (30°-60°)	7259.2	12.3	B4/8500		
BH (60°-80°)	4061.1	6.9	B4/5000		G4/5000
BVH (80°-90°)	430.0	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°
0°	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3
2.5°	8740.1	8773.2	8806.6	8853.7	8900.7	8928.8	8956.9	8970.9	8984.9	8978.7
5°	9398.2	9513.9	9629.9	9744.7	9859.7	9922.1	9984.5	10022.2	10060.3	10089.0
7.5°	10059.3	10247.7	10435.8	10605.1	10774.5	10876.4	10978.4	11033.6	11088.5	11115.0
10°	10566.1	10788.8	11011.5	11210.1	11408.8	11529.2	11648.9	11702.6	11755.9	11776.2
12.5°	10876.4	11117.8	11358.9	11538.5	11717.5	11804.9	11892.2	11921.5	11950.8	11953.9
15°	11065.1	11273.4	11481.5	11594.0	11706.9	11710.1	11713.2	11682.0	11650.8	11614.0
17.5°	11171.2	11311.8	11452.5	11454.6	11456.5	11330.2	11203.9	11088.2	10972.2	10890.5
20°	11288.1	11337.1	11386.3	11238.2	11090.1	10811.3	10532.4	10329.4	10126.4	10001.6
22.5°	11423.8	11359.5	11295.3	10988.4	10681.5	10271.4	9861.3	9607.4	9353.6	9215.7
25°	11598.4	11395.7	11193.0	10727.0	10261.1	9763.1	9265.0	8998.0	8731.7	8601.4
27.5°	11835.4	11473.0	11110.3	10493.1	9876.3	9324.3	8772.3	8509.7	8247.4	8124.2
30°	12155.1	11614.6	11074.5	10314.8	9555.0	8980.0	8404.9	8161.3	7917.7	7803.0
32.5°	12532.5	11792.4	11052.6	10193.1	9333.6	8793.1	8252.7	8061.5	7870.0	7787.4
35°	12990.9	12085.2	11179.9	10284.2	9388.8	9013.3	8638.2	8593.6	8549.0	8542.1
37.5°	13762.8	12697.4	11632.1	10818.1	10004.1	9979.8	9955.5	10159.4	10363.4	10469.4
40°	14929.2	13770.6	12612.0	12006.6	11401.3	11828.6	12255.8	12751.7	13247.6	13494.6
42.5°	16476.0	15326.5	14176.9	13828.3	13479.6	14411.5	15343.3	16245.3	17147.2	17676.7
45°	18386.2	17353.6	16320.7	16167.0	16012.9	17505.8	18999.1	20481.1	21963.4	22863.1
47.5°	20775.2	19770.6	18765.8	18734.6	18703.4	20857.2	23010.3	25180.0	27349.4	28623.3
50°	23906.3	22665.4	21424.8	21430.1	21435.4	24211.0	26986.7	29850.6	32714.4	34445.9
52.5°	27500.6	25998.0	24495.8	24343.9	24191.7	27507.2	30822.6	34366.1	37909.2	39984.7
55°	31327.3	29842.8	28358.3	27766.0	27173.8	30863.8	34553.5	38777.8	43002.1	45470.5
57.5°	34807.7	33999.3	33190.7	32002.8	30815.2	34541.1	38267.0	43051.7	47836.0	50897.0
60°	36911.3	38166.9	39422.8	37947.6	36472.5	39998.5	43524.5	48647.2	53770.0	57078.3
62.5°	35843.1	39274.0	42704.9	42538.6	42372.1	45602.1	48832.5	53706.4	58579.9	61637.8
65°	33705.3	36925.3	40145.4	40782.5	41419.3	45524.2	49629.3	54355.4	59081.1	61684.6
67.5°	30840.7	33903.3	36965.8	37264.6	37563.1	41840.0	46116.7	50863.0	55609.4	57649.0
70°	27399.3	30730.3	34061.7	34195.2	34329.0	38153.8	41978.2	46062.8	50147.0	51280.6
72.5°	23298.2	27120.8	30943.7	31039.7	31135.5	34127.8	37120.2	40179.3	43238.2	43352.9
75°	18110.2	22066.6	26023.0	26378.2	26733.4	29061.5	31389.6	33543.1	35696.5	35119.6
77.5°	12939.4	16632.6	20326.1	20834.4	21342.8	23112.6	24882.5	26409.7	27937.2	26945.5
80°	8468.8	11576.0	14682.8	15314.6	15946.5	17283.2	18619.2	19421.3	20223.2	18627.9
82.5°	4922.9	7047.0	9171.4	9877.2	10583.3	11503.3	12423.3	12757.9	13092.3	11838.6
85°	2165.9	3293.3	4420.7	5021.1	5621.4	6377.4	7133.1	7323.0	7512.9	6508.7
87.5°	670.5	1049.4	1428.4	1763.3	2098.3	2476.2	2854.2	2870.4	2886.3	2423.2
90°	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):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
8127.3	0°	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3
8984.9	2.5°	8970.9	8956.9	8928.8	8900.7	8853.7	8806.6	8773.2	8740.1	8673.1	8606.0
10060.3	5°	10022.2	9984.5	9922.1	9859.7	9744.7	9629.9	9513.9	9398.2	9250.0	9101.9
11088.5	7.5°	11033.6	10978.4	10876.4	10774.5	10605.1	10435.8	10247.7	10059.3	9814.8	9570.6
11755.9	10°	11702.6	11648.9	11529.2	11408.8	11210.1	11011.5	10788.8	10566.1	10257.1	9948.0
11950.8	12.5°	11921.5	11892.2	11804.9	11717.5	11538.5	11358.9	11117.8	10876.4	10536.8	10197.5
11650.8	15°	11682.0	11713.2	11710.1	11706.9	11594.0	11481.5	11273.4	11065.1	10711.1	10357.2
10972.2	17.5°	11088.2	11203.9	11330.2	11456.5	11454.6	11452.5	11311.8	11171.2	10812.2	10453.2
10126.4	20°	10329.4	10532.4	10811.3	11090.1	11238.2	11386.3	11337.1	11288.1	10915.1	10541.8
9353.6	22.5°	9607.4	9861.3	10271.4	10681.5	10988.4	11295.3	11359.5	11423.8	11042.7	10661.2
8731.7	25°	8998.0	9265.0	9763.1	10261.1	10727.0	11193.0	11395.7	11598.4	11224.8	10851.5
8247.4	27.5°	8509.7	8772.3	9324.3	9876.3	10493.1	11110.3	11473.0	11835.4	11479.3	11122.8
7917.7	30°	8161.3	8404.9	8980.0	9555.0	10314.8	11074.5	11614.6	12155.1	11810.8	11466.8
7870.0	32.5°	8061.5	8252.7	8793.1	9333.6	10193.1	11052.6	11792.4	12532.5	12191.6	11851.0
8549.0	35°	8593.6	8638.2	9013.3	9388.8	10284.2	11179.9	12085.2	12990.9	12664.7	12338.2
10363.4	37.5°	10159.4	9955.5	9979.8	10004.1	10818.1	11632.1	12697.4	13762.8	13346.8	12930.7
13247.6	40°	12751.7	12255.8	11828.6	11401.3	12006.6	12612.0	13770.6	14929.2	14322.9	13716.6
17147.2	42.5°	16245.3	15343.3	14411.5	13479.6	13828.3	14176.9	15326.5	16476.0	15600.9	14725.8
21963.4	45°	20481.1	18999.1	17505.8	16012.9	16167.0	16320.7	17353.6	18386.2	17205.8	16025.4
27349.4	47.5°	25180.0	23010.3	20857.2	18703.4	18734.6	18765.8	19770.6	20775.2	19113.8	17452.2
32714.4	50°	29850.6	26986.7	24211.0	21435.4	21430.1	21424.8	22665.4	23906.3	21401.7	18896.8
37909.2	52.5°	34366.1	30822.6	27507.2	24191.7	24343.9	24495.8	25998.0	27500.6	23805.0	20109.3
43002.1	55°	38777.8	34553.5	30863.8	27173.8	27766.0	28358.3	29842.8	31327.3	25935.7	20544.4
47836.0	57.5°	43051.7	38267.0	34541.1	30815.2	32002.8	33190.7	33999.3	34807.7	27445.7	20083.7
53770.0	60°	48647.2	43524.5	39998.5	36472.5	37947.6	39422.8	38166.9	36911.3	27823.1	18734.6
58579.9	62.5°	53706.4	48832.5	45602.1	42372.1	42538.6	42704.9	39274.0	35843.1	26234.1	16625.1
59081.1	65°	54355.4	49629.3	45524.2	41419.3	40782.5	40145.4	36925.3	33705.3	23985.9	14266.5
55609.4	67.5°	50863.0	46116.7	41840.0	37563.1	37264.6	36965.8	33903.3	30840.7	21310.3	11779.9
50147.0	70°	46062.8	41978.2	38153.8	34329.0	34195.2	34061.7	30730.3	27399.3	18390.9	9382.6
43238.2	72.5°	40179.3	37120.2	34127.8	31135.5	31039.7	30943.7	27120.8	23298.2	15226.1	7154.3
35696.5	75°	33543.1	31389.6	29061.5	26733.4	26378.2	26023.0	22066.6	18110.2	11598.1	5086.0
27937.2	77.5°	26409.7	24882.5	23112.6	21342.8	20834.4	20326.1	16632.6	12939.4	8117.6	3295.8
20223.2	80°	19421.3	18619.2	17283.2	15946.5	15314.6	14682.8	11576.0	8468.8	5230.0	1991.3
13092.3	82.5°	12757.9	12423.3	11503.3	10583.3	9877.2	9171.4	7047.0	4922.9	3027.0	1131.5
7512.9	85°	7323.0	7133.1	6377.4	5621.4	5021.1	4420.7	3293.3	2165.9	1361.6	557.6
2886.3	87.5°	2870.4	2854.2	2476.2	2098.3	1763.3	1428.4	1049.4	670.5	446.0	221.4
0.0	90°	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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
8127.3	0°	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3
8534.6	2.5°	8463.5	8391.8	8320.0	8251.4	8182.8	8116.4	8042.5	7982.6	7923.0	7869.1
8954.1	5°	8806.6	8657.8	8509.3	8370.6	8231.8	8100.8	7971.4	7858.5	7745.3	7650.5
9344.8	7.5°	9119.1	8899.2	8679.3	8485.6	8292.0	8113.3	7945.8	7795.5	7645.5	7520.7
9649.5	10°	9351.4	9084.4	8817.2	8588.3	8358.7	8138.2	7958.3	7799.8	7641.4	7516.7
9859.4	12.5°	9521.4	9206.4	8891.4	8632.2	8373.1	8141.3	7973.9	7844.1	7715.0	7632.1
9990.4	15°	9623.7	9261.0	8898.2	8598.2	8298.2	8041.5	7907.4	7845.4	7783.6	7794.9
10053.1	17.5°	9653.0	9231.9	8810.9	8450.1	8089.3	7787.4	7704.7	7727.5	7749.9	7885.9
10102.1	20°	9662.3	9152.1	8641.9	8194.7	7747.5	7396.0	7374.1	7480.2	7586.2	7822.3
10168.2	22.5°	9674.8	9054.2	8433.6	7895.0	7356.4	6956.2	6999.0	7155.8	7312.7	7582.2
10287.9	25°	9724.1	8957.5	8191.2	7560.3	6929.7	6519.6	6635.0	6815.9	6996.8	7239.1
10475.1	27.5°	9827.0	8892.9	7958.9	7254.4	6549.9	6176.6	6316.9	6491.6	6666.2	6865.5
10717.4	30°	9968.0	8862.7	7756.8	6998.7	6240.5	5927.1	6037.2	6175.6	6314.7	6480.0
10970.3	32.5°	10089.6	8825.3	7560.3	6778.2	5995.7	5743.1	5792.0	5874.1	5956.1	6088.0
11258.5	35°	10178.8	8754.8	7331.4	6561.4	5791.4	5580.9	5560.6	5583.1	5605.8	5706.6
11581.3	37.5°	10231.8	8634.1	7036.4	6306.3	5576.2	5392.2	5318.0	5293.0	5268.1	5340.4
11991.1	40°	10265.2	8467.9	6670.9	6001.9	5333.0	5166.1	5052.3	4995.8	4939.4	4991.5
12527.2	42.5°	10328.5	8296.3	6264.8	5666.0	5067.2	4913.5	4770.0	4695.2	4620.3	4662.8
13232.6	45°	10439.8	8137.0	5834.4	5309.3	4784.1	4628.1	4489.4	4416.4	4343.7	4379.3
13984.2	47.5°	10516.2	8005.4	5494.5	5027.0	4559.5	4358.4	4238.9	4177.8	4116.7	4150.4
14681.6	50°	10466.3	7861.9	5257.5	4839.6	4421.7	4157.2	4018.4	3964.2	3910.2	3962.6
15134.4	52.5°	10159.1	7619.6	5080.3	4716.1	4352.1	4048.1	3854.1	3800.4	3747.1	3826.0
15034.6	55°	9524.5	7217.9	4911.3	4626.6	4341.8	4059.0	3766.8	3681.9	3597.4	3709.4
14332.3	57.5°	8581.1	6651.5	4721.7	4520.5	4319.4	4069.9	3714.4	3590.9	3467.4	3587.7
13025.2	60°	7315.8	5916.2	4516.5	4358.4	4200.3	4035.6	3665.1	3505.1	3344.8	3450.5
11257.9	62.5°	5890.6	5036.1	4181.5	4076.4	3971.7	3951.4	3607.7	3407.5	3207.6	3274.6
9454.6	65°	4643.1	4244.2	3845.3	3795.8	3746.2	3748.7	3486.7	3274.0	3061.0	3086.9
7688.2	67.5°	3596.5	3483.3	3369.7	3397.5	3424.9	3418.1	3270.9	3093.7	2916.6	2908.5
6053.4	70°	2724.2	2756.6	2788.7	2917.2	3045.4	3045.4	2997.1	2871.1	2745.1	2717.0
4627.8	72.5°	2101.4	2199.0	2296.9	2479.0	2660.9	2691.4	2692.1	2605.7	2519.3	2478.1
3358.8	75°	1631.7	1720.3	1808.8	2012.8	2216.8	2357.7	2345.9	2279.5	2212.7	2173.4
2276.0	77.5°	1256.2	1316.4	1376.9	1574.9	1773.0	2005.3	1999.1	1945.8	1892.4	1852.5
1466.4	80°	941.8	966.8	991.7	1159.5	1327.0	1604.6	1603.6	1559.0	1514.1	1480.8
901.9	82.5°	673.0	677.4	682.4	805.9	929.4	1166.4	1179.5	1157.7	1135.8	1112.1
482.1	85°	407.0	404.8	402.3	492.8	583.2	759.4	776.6	753.2	729.8	703.3
199.9	87.5°	178.4	176.2	174.0	210.8	247.9	321.2	343.1	333.7	324.3	319.4
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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 CATALOG NUMBER: GALN-SB9C-827-U-SLL

CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
8127.3	0°	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3
7815.4	2.5°	7768.3	7721.3	7673.9	7626.8	7590.3	7553.5	7523.8	7494.2	7471.1	7448.1
7556.0	5°	7472.4	7388.8	7313.0	7236.9	7178.6	7120.0	7079.1	7038.3	7009.3	6980.3
7396.0	7.5°	7290.9	7185.5	7092.5	6999.9	6930.4	6861.1	6812.5	6763.8	6730.4	6697.4
7391.9	10°	7278.7	7165.2	7060.7	6956.2	6873.3	6790.0	6735.7	6680.9	6649.4	6617.9
7549.7	12.5°	7460.5	7372.0	7263.7	7155.8	7049.8	6943.8	6873.6	6803.4	6768.2	6733.3
7806.1	15°	7783.0	7759.9	7666.1	7572.2	7421.2	7270.3	7163.6	7057.0	7008.0	6959.4
8021.9	17.5°	8094.3	8166.3	8090.5	8015.0	7815.1	7615.2	7458.0	7300.9	7228.5	7155.8
8058.7	20°	8210.0	8361.2	8326.3	8291.0	8062.4	7834.2	7641.4	7449.0	7356.4	7263.4
7852.2	22.5°	8049.0	8245.8	8267.0	8287.9	8069.6	7851.3	7653.0	7454.3	7356.7	7258.8
7481.7	25°	7675.4	7869.1	7941.4	8013.5	7834.5	7655.8	7479.2	7303.4	7218.5	7134.0
7064.5	27.5°	7219.8	7375.1	7455.5	7536.3	7408.8	7281.5	7144.6	7007.7	6950.9	6893.9
6645.3	30°	6774.1	6903.2	6968.7	7034.2	6937.2	6839.9	6742.0	6643.4	6614.4	6585.1
6220.2	32.5°	6343.7	6467.5	6540.2	6613.2	6524.0	6434.5	6356.2	6277.9	6258.9	6239.9
5807.0	35°	5929.3	6051.8	6139.1	6226.5	6162.8	6099.5	6027.2	5955.1	5926.1	5897.4
5412.5	37.5°	5534.4	5656.7	5764.6	5872.5	5843.2	5813.9	5747.4	5680.7	5628.0	5575.6
5043.5	40°	5161.4	5279.3	5403.4	5527.9	5535.1	5541.9	5485.5	5429.0	5352.3	5276.2
4705.5	42.5°	4817.1	4929.1	5063.2	5197.3	5233.2	5269.0	5221.3	5173.9	5078.8	4983.7
4415.4	45°	4521.5	4627.5	4766.6	4905.7	4957.2	5008.6	4965.6	4922.9	4814.0	4705.5
4183.7	47.5°	4287.6	4391.1	4528.3	4665.6	4724.8	4784.1	4754.1	4724.2	4627.5	4530.8
4015.3	50°	4113.2	4210.9	4333.7	4456.6	4532.7	4608.8	4606.9	4605.7	4528.3	4451.0
3904.6	52.5°	3994.4	4083.9	4198.4	4313.1	4403.3	4493.4	4509.6	4525.8	4462.8	4399.8
3821.0	55°	3917.7	4014.4	4114.8	4214.9	4310.3	4406.1	4428.5	4451.0	4396.1	4341.2
3708.1	57.5°	3821.6	3935.2	4034.3	4133.8	4230.2	4326.2	4349.0	4371.8	4316.3	4260.8
3555.9	60°	3686.3	3816.7	3917.4	4018.4	4115.1	4211.8	4236.7	4261.7	4207.4	4153.5
3341.7	62.5°	3493.6	3645.7	3753.3	3860.9	3949.5	4038.1	4062.1	4086.1	4037.1	3988.2
3112.5	65°	3275.2	3438.4	3541.3	3644.2	3722.2	3800.1	3824.8	3849.1	3802.0	3754.9
2900.4	67.5°	3050.7	3201.3	3299.0	3396.3	3463.6	3531.0	3555.0	3578.7	3535.3	3492.3
2688.9	70°	2821.2	2953.4	3037.6	3121.8	3182.6	3243.4	3266.5	3289.6	3254.4	3219.1
2437.3	72.5°	2541.4	2645.3	2721.4	2797.5	2857.0	2916.6	2944.0	2971.5	2942.2	2912.9
2133.8	75°	2211.2	2288.5	2357.4	2426.3	2480.6	2534.9	2563.6	2592.3	2577.9	2563.6
1812.6	77.5°	1875.6	1938.3	1997.5	2056.8	2113.8	2170.6	2197.4	2224.3	2204.3	2183.7
1447.1	80°	1499.5	1551.5	1601.4	1651.3	1694.7	1737.7	1773.3	1808.8	1800.1	1791.7
1088.4	82.5°	1084.1	1079.7	1062.2	1044.8	1137.1	1229.4	1289.9	1350.4	1346.7	1342.6
676.8	85°	654.3	631.5	583.2	534.9	621.2	707.9	782.8	857.6	851.4	845.2
314.4	87.5°	313.4	312.5	275.7	238.6	274.8	311.2	341.5	371.7	364.3	356.2
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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 CATALOG NUMBER: GALN-SB9C-827-U-SLL

CANDELA DISTRIBUTION (continued):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
8127.3	0°	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3
7426.9	2.5°	7405.3	7378.8	7405.3	7426.9	7448.1	7471.1	7494.2	7523.8	7553.5	7590.3
6958.1	5°	6936.0	6914.1	6936.0	6958.1	6980.3	7009.3	7038.3	7079.1	7120.0	7178.6
6677.4	7.5°	6657.8	6642.8	6657.8	6677.4	6697.4	6730.4	6763.8	6812.5	6861.1	6930.4
6601.0	10°	6584.2	6577.3	6584.2	6601.0	6617.9	6649.4	6680.9	6735.7	6790.0	6873.3
6718.9	12.5°	6704.6	6702.1	6704.6	6718.9	6733.3	6768.2	6803.4	6873.6	6943.8	7049.8
6940.6	15°	6921.9	6920.4	6921.9	6940.6	6959.4	7008.0	7057.0	7163.6	7270.3	7421.2
7132.1	17.5°	7108.1	7104.4	7108.1	7132.1	7155.8	7228.5	7300.9	7458.0	7615.2	7815.1
7233.8	20°	7204.2	7194.8	7204.2	7233.8	7263.4	7356.4	7449.0	7641.4	7834.2	8062.4
7226.0	22.5°	7193.3	7179.2	7193.3	7226.0	7258.8	7356.7	7454.3	7653.0	7851.3	8069.6
7103.1	25°	7072.6	7054.5	7072.6	7103.1	7134.0	7218.5	7303.4	7479.2	7655.8	7834.5
6879.8	27.5°	6865.8	6861.1	6865.8	6879.8	6893.9	6950.9	7007.7	7144.6	7281.5	7408.8
6585.1	30°	6585.1	6589.8	6585.1	6585.1	6585.1	6614.4	6643.4	6742.0	6839.9	6937.2
6242.4	32.5°	6245.2	6249.9	6245.2	6242.4	6239.9	6258.9	6277.9	6356.2	6434.5	6524.0
5891.2	35°	5885.0	5881.9	5885.0	5891.2	5897.4	5926.1	5955.1	6027.2	6099.5	6162.8
5547.8	37.5°	5520.1	5504.5	5520.1	5547.8	5575.6	5628.0	5680.7	5747.4	5813.9	5843.2
5224.4	40°	5173.3	5142.7	5173.3	5224.4	5276.2	5352.3	5429.0	5485.5	5541.9	5535.1
4908.5	42.5°	4833.3	4784.1	4833.3	4908.5	4983.7	5078.8	5173.9	5221.3	5269.0	5233.2
4617.2	45°	4529.0	4472.2	4529.0	4617.2	4705.5	4814.0	4922.9	4965.6	5008.6	4957.2
4449.1	47.5°	4367.7	4313.1	4367.7	4449.1	4530.8	4627.5	4724.2	4754.1	4784.1	4724.8
4375.5	50°	4300.1	4247.7	4300.1	4375.5	4451.0	4528.3	4605.7	4606.9	4608.8	4532.7
4332.2	52.5°	4264.8	4216.5	4264.8	4332.2	4399.8	4462.8	4525.8	4509.6	4493.4	4403.3
4282.0	55°	4222.7	4179.0	4222.7	4282.0	4341.2	4396.1	4451.0	4428.5	4406.1	4310.3
4202.1	57.5°	4143.2	4098.0	4143.2	4202.1	4260.8	4316.3	4371.8	4349.0	4326.2	4230.2
4093.0	60°	4032.5	3985.7	4032.5	4093.0	4153.5	4207.4	4261.7	4236.7	4211.8	4115.1
3924.6	62.5°	3860.9	3804.8	3860.9	3924.6	3988.2	4037.1	4086.1	4062.1	4038.1	3949.5
3693.2	65°	3631.7	3583.4	3631.7	3693.2	3754.9	3802.0	3849.1	3824.8	3800.1	3722.2
3434.9	67.5°	3377.5	3333.9	3377.5	3434.9	3492.3	3535.3	3578.7	3555.0	3531.0	3463.6
3164.2	70°	3109.3	3059.4	3109.3	3164.2	3219.1	3254.4	3289.6	3266.5	3243.4	3182.6
2860.5	72.5°	2808.4	2760.0	2808.4	2860.5	2912.9	2942.2	2971.5	2944.0	2916.6	2857.0
2519.6	75°	2475.6	2429.5	2475.6	2519.6	2563.6	2577.9	2592.3	2563.6	2534.9	2480.6
2139.4	77.5°	2095.1	2058.3	2095.1	2139.4	2183.7	2204.3	2224.3	2197.4	2170.6	2113.8
1732.1	80°	1672.2	1603.0	1672.2	1732.1	1791.7	1800.1	1808.8	1773.3	1737.7	1694.7
1292.4	82.5°	1241.9	1197.6	1241.9	1292.4	1342.6	1346.7	1350.4	1289.9	1229.4	1137.1
805.9	85°	766.6	726.7	766.6	805.9	845.2	851.4	857.6	782.8	707.9	621.2
336.2	87.5°	315.6	296.3	315.6	336.2	356.2	364.3	371.7	341.5	311.2	274.8
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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 CATALOG NUMBER: GALN-SB9C-827-U-SLL

CANDELA DISTRIBUTION (continued):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
8127.3	0°	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3
7626.8	2.5°	7673.9	7721.3	7768.3	7815.4	7869.1	7923.0	7982.6	8042.5	8116.4	8182.8
7236.9	5°	7313.0	7388.8	7472.4	7556.0	7650.5	7745.3	7858.5	7971.4	8100.8	8231.8
6999.9	7.5°	7092.5	7185.5	7290.9	7396.0	7520.7	7645.5	7795.5	7945.8	8113.3	8292.0
6956.2	10°	7060.7	7165.2	7278.7	7391.9	7516.7	7641.4	7799.8	7958.3	8138.2	8358.7
7155.8	12.5°	7263.7	7372.0	7460.5	7549.7	7632.1	7715.0	7844.1	7973.9	8141.3	8373.1
7572.2	15°	7666.1	7759.9	7783.0	7806.1	7794.9	7783.6	7845.4	7907.4	8041.5	8298.2
8015.0	17.5°	8090.5	8166.3	8094.3	8021.9	7885.9	7749.9	7727.5	7704.7	7787.4	8089.3
8291.0	20°	8326.3	8361.2	8210.0	8058.7	7822.3	7586.2	7480.2	7374.1	7396.0	7747.5
8287.9	22.5°	8267.0	8245.8	8049.0	7852.2	7582.2	7312.7	7155.8	6999.0	6956.2	7356.4
8013.5	25°	7941.4	7869.1	7675.4	7481.7	7239.1	6996.8	6815.9	6635.0	6519.6	6929.7
7536.3	27.5°	7455.5	7375.1	7219.8	7064.5	6865.5	6666.2	6491.6	6316.9	6176.6	6549.9
7034.2	30°	6968.7	6903.2	6774.1	6645.3	6480.0	6314.7	6175.6	6037.2	5927.1	6240.5
6613.2	32.5°	6540.2	6467.5	6343.7	6220.2	6088.0	5956.1	5874.1	5792.0	5743.1	5995.7
6226.5	35°	6139.1	6051.8	5929.3	5807.0	5706.6	5605.8	5583.1	5560.6	5580.9	5791.4
5872.5	37.5°	5764.6	5656.7	5534.4	5412.5	5340.4	5268.1	5293.0	5318.0	5392.2	5576.2
5527.9	40°	5403.4	5279.3	5161.4	5043.5	4991.5	4939.4	4995.8	5052.3	5166.1	5333.0
5197.3	42.5°	5063.2	4929.1	4817.1	4705.5	4662.8	4620.3	4695.2	4770.0	4913.5	5067.2
4905.7	45°	4766.6	4627.5	4521.5	4415.4	4379.3	4343.7	4416.4	4489.4	4628.1	4784.1
4665.6	47.5°	4528.3	4391.1	4287.6	4183.7	4150.4	4116.7	4177.8	4238.9	4358.4	4559.5
4456.6	50°	4333.7	4210.9	4113.2	4015.3	3962.6	3910.2	3964.2	4018.4	4157.2	4421.7
4313.1	52.5°	4198.4	4083.9	3994.4	3904.6	3826.0	3747.1	3800.4	3854.1	4048.1	4352.1
4214.9	55°	4114.8	4014.4	3917.7	3821.0	3709.4	3597.4	3681.9	3766.8	4059.0	4341.8
4133.8	57.5°	4034.3	3935.2	3821.6	3708.1	3587.7	3467.4	3590.9	3714.4	4069.9	4319.4
4018.4	60°	3917.4	3816.7	3686.3	3555.9	3450.5	3344.8	3505.1	3665.1	4035.6	4200.3
3860.9	62.5°	3753.3	3645.7	3493.6	3341.7	3274.6	3207.6	3407.5	3607.7	3951.4	3971.7
3644.2	65°	3541.3	3438.4	3275.2	3112.5	3086.9	3061.0	3274.0	3486.7	3748.7	3746.2
3396.3	67.5°	3299.0	3201.3	3050.7	2900.4	2908.5	2916.6	3093.7	3270.9	3418.1	3424.9
3121.8	70°	3037.6	2953.4	2821.2	2688.9	2717.0	2745.1	2871.1	2997.1	3045.4	3045.4
2797.5	72.5°	2721.4	2645.3	2541.4	2437.3	2478.1	2519.3	2605.7	2692.1	2691.4	2660.9
2426.3	75°	2357.4	2288.5	2211.2	2133.8	2173.4	2212.7	2279.5	2345.9	2357.7	2216.8
2056.8	77.5°	1997.5	1938.3	1875.6	1812.6	1852.5	1892.4	1945.8	1999.1	2005.3	1773.0
1651.3	80°	1601.4	1551.5	1499.5	1447.1	1480.8	1514.1	1559.0	1603.6	1604.6	1327.0
1044.8	82.5°	1062.2	1079.7	1084.1	1088.4	1112.1	1135.8	1157.7	1179.5	1166.4	929.4
534.9	85°	583.2	631.5	654.3	676.8	703.3	729.8	753.2	776.6	759.4	583.2
238.6	87.5°	275.7	312.5	313.4	314.4	319.4	324.3	333.7	343.1	321.2	247.9
0.0	90°	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):

325°		330°	335°	340°	345°	350°	355°	360°
8127.3	0°	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3	8127.3
8251.4	2.5°	8320.0	8391.8	8463.5	8534.6	8606.0	8673.1	8740.1
8370.6	5°	8509.3	8657.8	8806.6	8954.1	9101.9	9250.0	9398.2
8485.6	7.5°	8679.3	8899.2	9119.1	9344.8	9570.6	9814.8	10059.3
8588.3	10°	8817.2	9084.4	9351.4	9649.5	9948.0	10257.1	10566.1
8632.2	12.5°	8891.4	9206.4	9521.4	9859.4	10197.5	10536.8	10876.4
8598.2	15°	8898.2	9261.0	9623.7	9990.4	10357.2	10711.1	11065.1
8450.1	17.5°	8810.9	9231.9	9653.0	10053.1	10453.2	10812.2	11171.2
8194.7	20°	8641.9	9152.1	9662.3	10102.1	10541.8	10915.1	11288.1
7895.0	22.5°	8433.6	9054.2	9674.8	10168.2	10661.2	11042.7	11423.8
7560.3	25°	8191.2	8957.5	9724.1	10287.9	10851.5	11224.8	11598.4
7254.4	27.5°	7958.9	8892.9	9827.0	10475.1	11122.8	11479.3	11835.4
6998.7	30°	7756.8	8862.7	9968.0	10717.4	11466.8	11810.8	12155.1
6778.2	32.5°	7560.3	8825.3	10089.6	10970.3	11851.0	12191.6	12532.5
6561.4	35°	7331.4	8754.8	10178.8	11258.5	12338.2	12664.7	12990.9
6306.3	37.5°	7036.4	8634.1	10231.8	11581.3	12930.7	13346.8	13762.8
6001.9	40°	6670.9	8467.9	10265.2	11991.1	13716.6	14322.9	14929.2
5666.0	42.5°	6264.8	8296.3	10328.5	12527.2	14725.8	15600.9	16476.0
5309.3	45°	5834.4	8137.0	10439.8	13232.6	16025.4	17205.8	18386.2
5027.0	47.5°	5494.5	8005.4	10516.2	13984.2	17452.2	19113.8	20775.2
4839.6	50°	5257.5	7861.9	10466.3	14681.6	18896.8	21401.7	23906.3
4716.1	52.5°	5080.3	7619.6	10159.1	15134.4	20109.3	23805.0	27500.6
4626.6	55°	4911.3	7217.9	9524.5	15034.6	20544.4	25935.7	31327.3
4520.5	57.5°	4721.7	6651.5	8581.1	14332.3	20083.7	27445.7	34807.7
4358.4	60°	4516.5	5916.2	7315.8	13025.2	18734.6	27823.1	36911.3
4076.4	62.5°	4181.5	5036.1	5890.6	11257.9	16625.1	26234.1	35843.1
3795.8	65°	3845.3	4244.2	4643.1	9454.6	14266.5	23985.9	33705.3
3397.5	67.5°	3369.7	3483.3	3596.5	7688.2	11779.9	21310.3	30840.7
2917.2	70°	2788.7	2756.6	2724.2	6053.4	9382.6	18390.9	27399.3
2479.0	72.5°	2296.9	2199.0	2101.4	4627.8	7154.3	15226.1	23298.2
2012.8	75°	1808.8	1720.3	1631.7	3358.8	5086.0	11598.1	18110.2
1574.9	77.5°	1376.9	1316.4	1256.2	2276.0	3295.8	8117.6	12939.4
1159.5	80°	991.7	966.8	941.8	1466.4	1991.3	5230.0	8468.8
805.9	82.5°	682.4	677.4	673.0	901.9	1131.5	3027.0	4922.9
492.8	85°	402.3	404.8	407.0	482.1	557.6	1361.6	2165.9
210.8	87.5°	174.0	176.2	178.4	199.9	221.4	446.0	670.5
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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