

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: P954290

Luminaire Tested: **GALN-SB7C-830-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P954290
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-SB7C-830-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(7) 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: 47685 lumens
Efficiency: N/A
Efficacy: 136.0 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

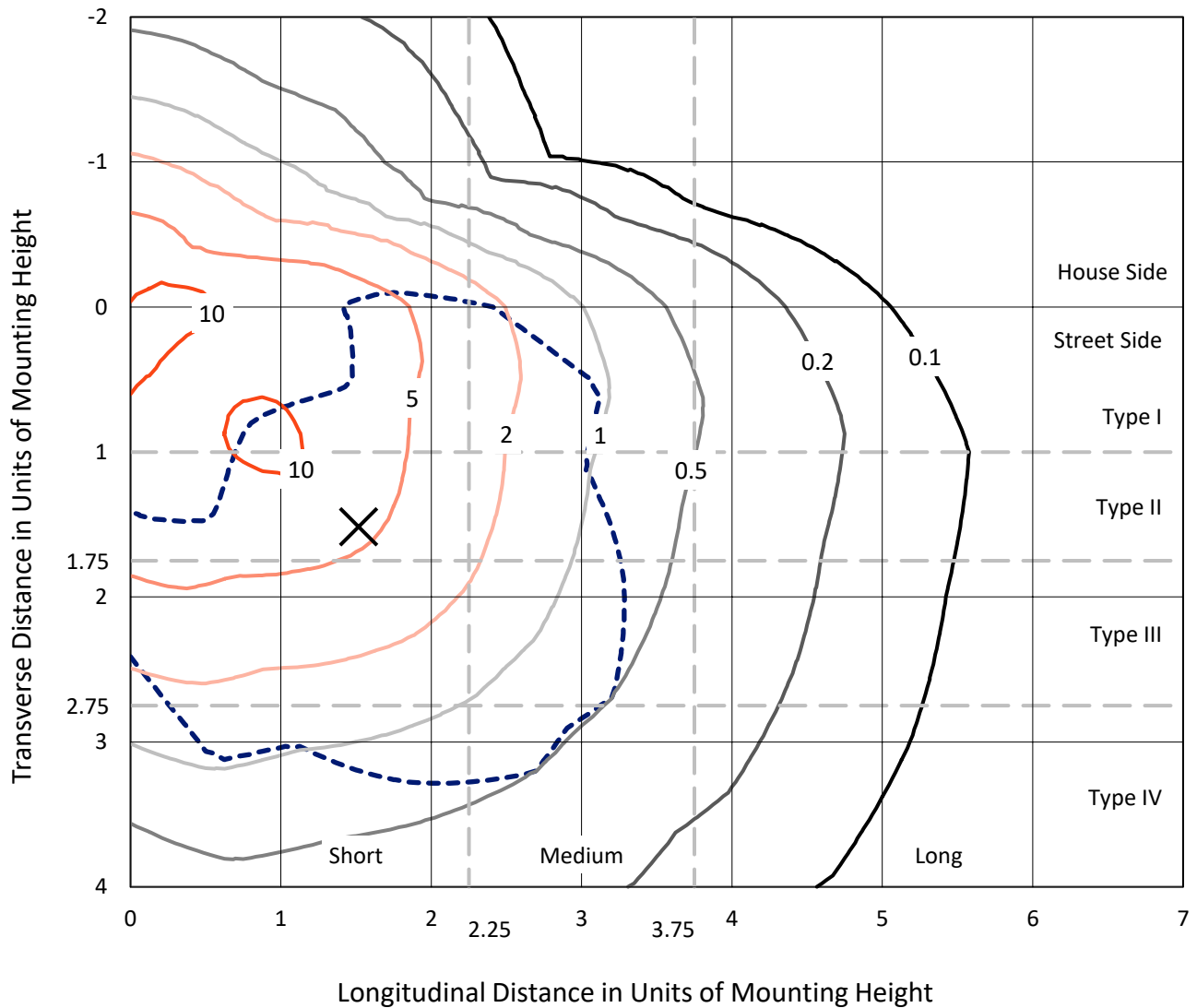
Input Watts (W): 350.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

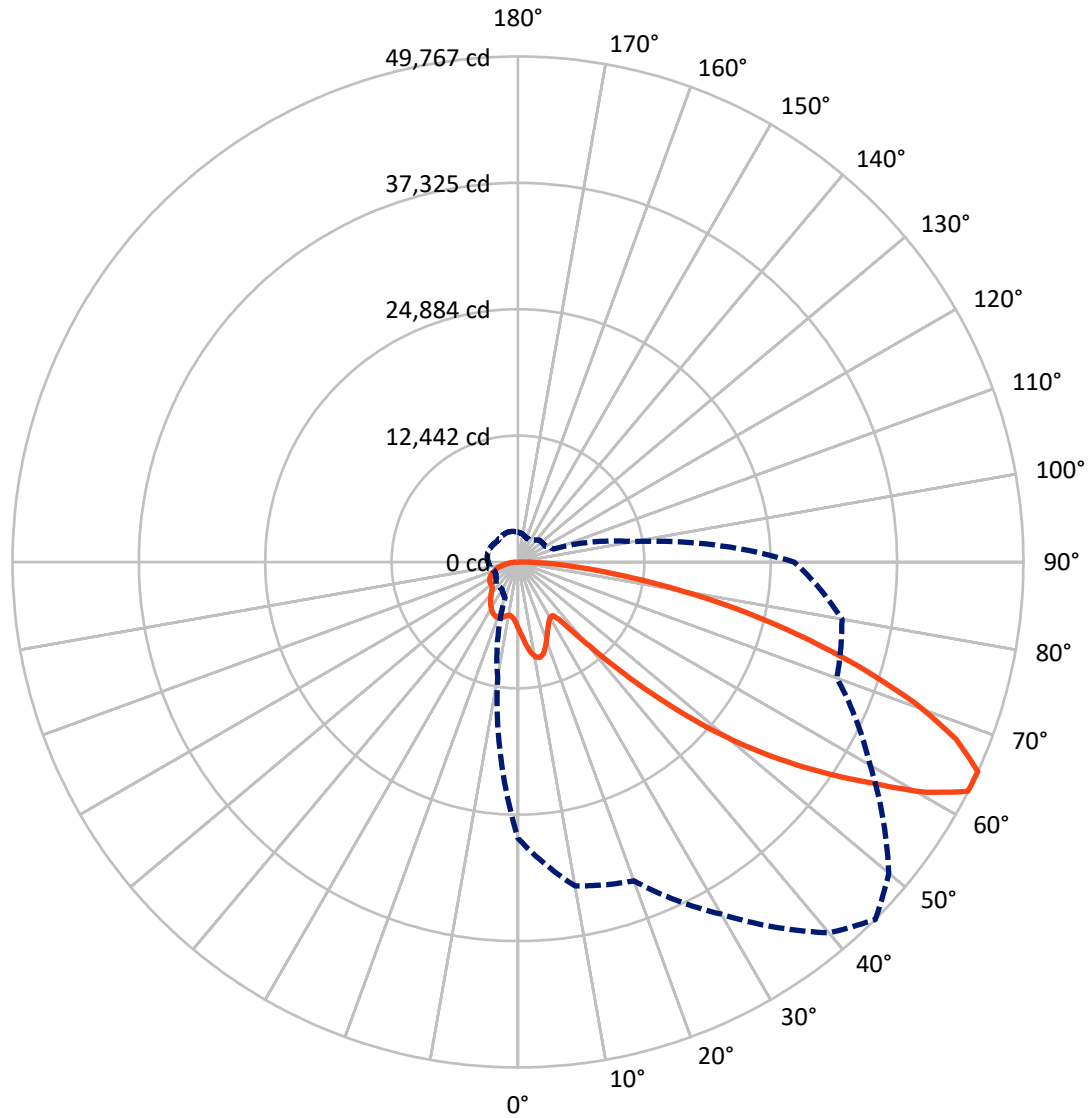
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14.5 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	12119.1	0.0	12119.1
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	35565.9	0.0	35565.9
	% Fixture	74.6	0.0	74.6
Total	Lumens	47685.0	0.0	47685.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	650.5	1.4
10°-20°	2041.9	4.3
20°-30°	3154.1	6.6
30°-40°	3997.0	8.4
40°-50°	6028.5	12.6
50°-60°	9739.9	20.4
60°-70°	12142.3	25.5
70°-80°	7962.3	16.7
80°-90°	1968.5	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°	47685.0	100.0
0°-180°	47685.0	100.0

Coefficient of Utilization



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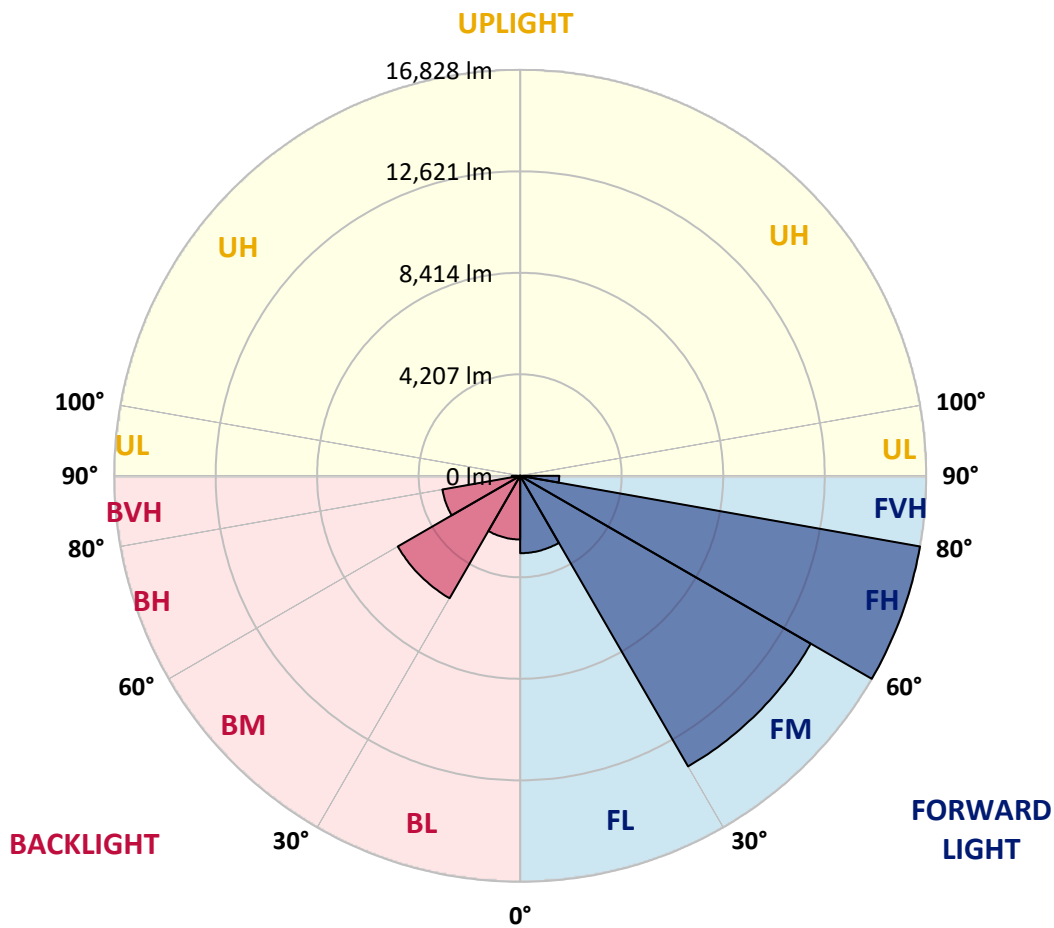
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3207.4	6.7			
FM (30°-60°)	13908.7	29.2			
FH (60°-80°)	16828.2	35.3			G5
FVH (80°-90°)	1621.6	3.4			G5
BL (0°-30°)	2639.1	5.5	B4/5000		
BM (30°-60°)	5856.7	12.3	B4/8500		
BH (60°-80°)	3276.4	6.9	B4/5000		G4/5000
BVH (80°-90°)	346.9	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°	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1
2.5°	7051.5	7078.2	7105.1	7143.1	7181.1	7203.7	7226.4	7237.7	7249.0	7244.0
5°	7582.4	7675.8	7769.4	7862.0	7954.8	8005.1	8055.5	8085.9	8116.6	8139.8
7.5°	8115.9	8267.8	8419.6	8556.2	8692.8	8775.1	8857.4	8901.9	8946.2	8967.6
10°	8524.7	8704.4	8884.0	9044.3	9204.6	9301.7	9398.3	9441.6	9484.6	9501.0
12.5°	8775.1	8969.8	9164.3	9309.3	9453.7	9524.1	9594.6	9618.3	9641.9	9644.4
15°	8927.3	9095.4	9263.2	9354.1	9445.1	9447.7	9450.2	9425.0	9399.8	9370.2
17.5°	9012.9	9126.3	9239.8	9241.6	9243.1	9141.2	9039.3	8945.9	8852.3	8786.4
20°	9107.2	9146.7	9186.5	9067.0	8947.4	8722.5	8497.6	8333.8	8170.0	8069.3
22.5°	9216.7	9164.8	9113.0	8865.4	8617.8	8287.0	7956.1	7751.3	7546.5	7435.2
25°	9357.6	9194.0	9030.5	8654.6	8278.7	7876.8	7475.0	7259.6	7044.7	6939.6
27.5°	9548.8	9256.4	8963.8	8465.9	7968.2	7522.8	7077.4	6865.6	6654.0	6554.6
30°	9806.7	9370.7	8934.9	8321.9	7709.0	7245.0	6781.0	6584.5	6388.0	6295.4
32.5°	10111.2	9514.1	8917.3	8223.8	7530.3	7094.3	6658.2	6504.0	6349.5	6282.8
35°	10481.0	9750.3	9019.9	8297.3	7574.9	7271.9	6969.2	6933.3	6897.3	6891.7
37.5°	11103.8	10244.3	9384.8	8728.0	8071.3	8051.7	8032.1	8196.6	8361.2	8446.7
40°	12044.8	11110.1	10175.3	9686.9	9198.6	9543.3	9888.0	10288.1	10688.1	10887.4
42.5°	13292.8	12365.4	11437.9	11156.6	10875.3	11627.1	12379.0	13106.6	13834.3	14261.6
45°	14834.0	14000.9	13167.5	13043.5	12919.2	14123.7	15328.4	16524.1	17720.0	18445.9
47.5°	16761.4	15950.9	15140.2	15115.0	15089.9	16827.5	18564.7	20315.2	22065.4	23093.3
50°	19287.6	18286.4	17285.5	17289.8	17294.0	19533.4	21772.8	24083.4	26394.0	27790.9
52.5°	22187.4	20975.2	19763.1	19640.6	19517.8	22192.7	24867.7	27726.5	30585.1	32259.6
55°	25274.8	24077.1	22879.4	22401.6	21923.8	24900.9	27877.7	31285.9	34694.0	36685.5
57.5°	28082.8	27430.6	26778.2	25819.8	24861.6	27867.7	30873.7	34734.0	38594.0	41063.6
60°	29779.9	30792.9	31806.2	30616.1	29425.9	32270.7	35115.4	39248.5	43381.5	46050.7
62.5°	28918.2	31686.2	34454.2	34320.1	34185.7	36791.7	39397.9	43330.2	47262.2	49729.3
65°	27193.3	29791.3	32389.2	32903.2	33417.0	36728.8	40040.8	43853.8	47666.5	49767.0
67.5°	24882.3	27353.1	29824.0	30065.0	30305.8	33756.5	37206.9	41036.2	44865.5	46511.1
70°	22105.7	24793.2	27480.9	27588.6	27696.6	30782.4	33867.9	37163.3	40458.5	41373.1
72.5°	18796.9	21881.0	24965.3	25042.8	25120.0	27534.3	29948.5	32416.6	34884.5	34977.1
75°	14611.3	17803.3	20995.3	21281.9	21568.5	23446.8	25325.1	27062.5	28799.9	28334.4
77.5°	10439.5	13419.2	16399.0	16809.2	17219.3	18647.2	20075.1	21307.3	22539.7	21739.6
80°	6832.6	9339.5	11846.1	12355.8	12865.6	13944.0	15021.9	15669.1	16316.0	15029.0
82.5°	3971.7	5685.5	7399.5	7968.9	8538.6	9280.8	10023.1	10293.1	10562.8	9551.3
85°	1747.5	2657.1	3566.6	4051.0	4535.4	5145.3	5754.9	5908.2	6061.4	5251.2
87.5°	541.0	846.7	1152.4	1422.6	1692.9	1997.8	2302.8	2315.9	2328.7	1955.1
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°
6557.1	0°	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1
7249.0	2.5°	7237.7	7226.4	7203.7	7181.1	7143.1	7105.1	7078.2	7051.5	6997.4	6943.3
8116.6	5°	8085.9	8055.5	8005.1	7954.8	7862.0	7769.4	7675.8	7582.4	7462.9	7343.4
8946.2	7.5°	8901.9	8857.4	8775.1	8692.8	8556.2	8419.6	8267.8	8115.9	7918.6	7721.6
9484.6	10°	9441.6	9398.3	9301.7	9204.6	9044.3	8884.0	8704.4	8524.7	8275.4	8026.0
9641.9	12.5°	9618.3	9594.6	9524.1	9453.7	9309.3	9164.3	8969.8	8775.1	8501.1	8227.3
9399.8	15°	9425.0	9450.2	9447.7	9445.1	9354.1	9263.2	9095.4	8927.3	8641.7	8356.1
8852.3	17.5°	8945.9	9039.3	9141.2	9243.1	9241.6	9239.8	9126.3	9012.9	8723.3	8433.6
8170.0	20°	8333.8	8497.6	8722.5	8947.4	9067.0	9186.5	9146.7	9107.2	8806.3	8505.1
7546.5	22.5°	7751.3	7956.1	8287.0	8617.8	8865.4	9113.0	9164.8	9216.7	8909.2	8601.5
7044.7	25°	7259.6	7475.0	7876.8	8278.7	8654.6	9030.5	9194.0	9357.6	9056.1	8755.0
6654.0	27.5°	6865.6	7077.4	7522.8	7968.2	8465.9	8963.8	9256.4	9548.8	9261.5	8973.9
6388.0	30°	6584.5	6781.0	7245.0	7709.0	8321.9	8934.9	9370.7	9806.7	9528.9	9251.4
6349.5	32.5°	6504.0	6658.2	7094.3	7530.3	8223.8	8917.3	9514.1	10111.2	9836.2	9561.4
6897.3	35°	6933.3	6969.2	7271.9	7574.9	8297.3	9019.9	9750.3	10481.0	10217.9	9954.4
8361.2	37.5°	8196.6	8032.1	8051.7	8071.3	8728.0	9384.8	10244.3	11103.8	10768.1	10432.5
10688.1	40°	10288.1	9888.0	9543.3	9198.6	9686.9	10175.3	11110.1	12044.8	11555.7	11066.5
13834.3	42.5°	13106.6	12379.0	11627.1	10875.3	11156.6	11437.9	12365.4	13292.8	12586.8	11880.8
17720.0	45°	16524.1	15328.4	14123.7	12919.2	13043.5	13167.5	14000.9	14834.0	13881.6	12929.3
22065.4	47.5°	20315.2	18564.7	16827.5	15089.9	15115.0	15140.2	15950.9	16761.4	15421.0	14080.4
26394.0	50°	24083.4	21772.8	19533.4	17294.0	17289.8	17285.5	18286.4	19287.6	17266.9	15245.9
30585.1	52.5°	27726.5	24867.7	22192.7	19517.8	19640.6	19763.1	20975.2	22187.4	19205.8	16224.2
34694.0	55°	31285.9	27877.7	24900.9	21923.8	22401.6	22879.4	24077.1	25274.8	20924.8	16575.2
38594.0	57.5°	34734.0	30873.7	27867.7	24861.6	25819.8	26778.2	27430.6	28082.8	22143.2	16203.5
43381.5	60°	39248.5	35115.4	32270.7	29425.9	30616.1	31806.2	30792.9	29779.9	22447.6	15115.0
47262.2	62.5°	43330.2	39397.9	36791.7	34185.7	34320.1	34454.2	31686.2	28918.2	21165.6	13413.1
47666.5	65°	43853.8	40040.8	36728.8	33417.0	32903.2	32389.2	29791.3	27193.3	19351.7	11510.1
44865.5	67.5°	41036.2	37206.9	33756.5	30305.8	30065.0	29824.0	27353.1	24882.3	17193.1	9504.0
40458.5	70°	37163.3	33867.9	30782.4	27696.6	27588.6	27480.9	24793.2	22105.7	14837.8	7569.9
34884.5	72.5°	32416.6	29948.5	27534.3	25120.0	25042.8	24965.3	21881.0	18796.9	12284.4	5772.1
28799.9	75°	27062.5	25325.1	23446.8	21568.5	21281.9	20995.3	17803.3	14611.3	9357.3	4103.3
22539.7	77.5°	21307.3	20075.1	18647.2	17219.3	16809.2	16399.0	13419.2	10439.5	6549.3	2659.1
16316.0	80°	15669.1	15021.9	13944.0	12865.6	12355.8	11846.1	9339.5	6832.6	4219.6	1606.6
10562.8	82.5°	10293.1	10023.1	9280.8	8538.6	7968.9	7399.5	5685.5	3971.7	2442.2	912.9
6061.4	85°	5908.2	5754.9	5145.3	4535.4	4051.0	3566.6	2657.1	1747.5	1098.6	449.9
2328.7	87.5°	2315.9	2302.8	1997.8	1692.9	1422.6	1152.4	846.7	541.0	359.8	178.6
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°
6557.1	0°	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1
6885.7	2.5°	6828.3	6770.5	6712.6	6657.2	6601.9	6548.3	6488.7	6440.3	6392.3	6348.8
7224.1	5°	7105.1	6985.1	6865.3	6753.4	6641.4	6535.7	6431.3	6340.2	6248.9	6172.4
7539.4	7.5°	7357.2	7179.8	7002.5	6846.2	6690.0	6545.8	6410.7	6289.4	6168.4	6067.7
7785.2	10°	7544.7	7329.3	7113.7	6929.0	6743.8	6565.9	6420.7	6292.9	6165.1	6064.4
7954.6	12.5°	7681.8	7427.7	7173.6	6964.5	6755.4	6568.4	6433.3	6328.6	6224.5	6157.5
8060.2	15°	7764.3	7471.7	7179.1	6937.0	6695.0	6487.9	6379.7	6329.6	6279.8	6288.9
8110.8	17.5°	7788.0	7448.3	7108.6	6817.5	6526.4	6282.8	6216.2	6234.5	6252.6	6362.3
8150.3	20°	7795.5	7383.9	6972.3	6611.4	6250.6	5967.1	5949.4	6035.0	6120.5	6311.0
8203.7	22.5°	7805.6	7304.9	6804.2	6369.6	5935.1	5612.3	5646.8	5773.3	5899.9	6117.3
8300.3	25°	7845.4	7226.9	6608.7	6099.7	5590.9	5260.0	5353.1	5499.1	5645.0	5840.5
8451.3	27.5°	7928.4	7174.8	6421.2	5852.8	5284.4	4983.2	5096.5	5237.4	5378.3	5539.1
8646.8	30°	8042.1	7150.4	6258.2	5646.5	5034.8	4782.0	4870.8	4982.5	5094.7	5228.1
8850.8	32.5°	8140.3	7120.2	6099.7	5468.6	4837.3	4633.5	4673.0	4739.2	4805.4	4911.8
9083.3	35°	8212.2	7063.3	5915.0	5293.7	4672.5	4502.7	4486.3	4504.4	4522.8	4604.1
9343.7	37.5°	8255.0	6966.0	5676.9	5087.9	4498.9	4350.4	4290.5	4270.4	4250.3	4308.7
9674.4	40°	8281.9	6831.9	5382.1	4842.3	4302.6	4168.0	4076.2	4030.6	3985.1	4027.1
10106.9	42.5°	8333.0	6693.5	5054.5	4571.3	4088.2	3964.2	3848.5	3788.1	3727.7	3761.9
10676.0	45°	8422.8	6564.9	4707.2	4283.5	3859.8	3734.0	3622.0	3563.1	3504.5	3533.2
11282.4	47.5°	8484.5	6458.7	4433.0	4055.8	3678.6	3516.3	3420.0	3370.6	3321.3	3348.5
11845.0	50°	8444.2	6343.0	4241.7	3904.6	3567.4	3354.0	3242.1	3198.3	3154.8	3197.0
12210.4	52.5°	8196.4	6147.5	4098.8	3804.9	3511.3	3266.0	3109.5	3066.2	3023.2	3086.8
12129.9	55°	7684.3	5823.4	3962.4	3732.7	3503.0	3274.8	3039.0	2970.6	2902.4	2992.7
11563.2	57.5°	6923.2	5366.5	3809.5	3647.2	3484.9	3283.6	2996.7	2897.1	2797.5	2894.6
10508.7	60°	5902.4	4773.1	3643.9	3516.3	3388.8	3255.9	2957.0	2827.9	2698.6	2783.9
9082.8	62.5°	4752.5	4063.1	3373.7	3288.9	3204.3	3188.0	2910.7	2749.2	2587.9	2642.0
7628.0	65°	3746.1	3424.2	3102.4	3062.4	3022.4	3024.4	2813.1	2641.5	2469.6	2490.5
6202.8	67.5°	2901.6	2810.3	2718.7	2741.1	2763.2	2757.7	2638.9	2496.0	2353.1	2346.6
4883.9	70°	2197.9	2224.0	2249.9	2353.6	2457.0	2457.0	2418.0	2316.4	2214.7	2192.1
3733.7	72.5°	1695.4	1774.1	1853.1	2000.1	2146.8	2171.4	2171.9	2102.2	2032.5	1999.3
2709.9	75°	1316.5	1387.9	1459.4	1623.9	1788.5	1902.2	1892.7	1839.1	1785.2	1753.5
1836.3	77.5°	1013.5	1062.1	1110.9	1270.7	1430.4	1617.9	1612.9	1569.8	1526.8	1494.6
1183.1	80°	759.9	780.0	800.1	935.5	1070.6	1294.6	1293.8	1257.8	1221.6	1194.7
727.7	82.5°	543.0	546.5	550.5	650.2	749.8	941.0	951.6	934.0	916.4	897.3
389.0	85°	328.4	326.6	324.6	397.6	470.5	612.7	626.5	607.7	588.8	567.4
161.3	87.5°	143.9	142.2	140.4	170.1	200.0	259.2	276.8	269.2	261.7	257.7
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: P954290
 CATALOG NUMBER: GALN-SB7C-830-U-SLL

CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
6557.1	0°	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1
6305.5	2.5°	6267.5	6229.5	6191.2	6153.3	6123.8	6094.1	6070.2	6046.3	6027.7	6009.1
6096.1	5°	6028.7	5961.3	5900.1	5838.7	5791.7	5744.4	5711.4	5678.5	5655.1	5631.7
5967.1	7.5°	5882.3	5797.2	5722.2	5647.5	5591.4	5535.5	5496.3	5457.0	5430.1	5403.4
5963.8	10°	5872.5	5780.9	5696.6	5612.3	5545.4	5478.2	5434.4	5390.1	5364.7	5339.3
6091.1	12.5°	6019.1	5947.7	5860.4	5773.3	5687.8	5602.2	5545.6	5489.0	5460.6	5432.4
6297.9	15°	6279.3	6260.7	6185.0	6109.2	5987.4	5865.7	5779.6	5693.6	5654.1	5614.8
6472.1	17.5°	6530.4	6588.6	6527.4	6466.5	6305.2	6143.9	6017.1	5890.3	5831.9	5773.3
6501.7	20°	6623.8	6745.8	6717.6	6689.2	6504.8	6320.6	6165.1	6009.8	5935.1	5860.1
6335.2	22.5°	6493.9	6652.7	6669.8	6686.7	6510.5	6334.4	6174.4	6014.1	5935.4	5856.3
6036.3	25°	6192.5	6348.8	6407.1	6465.3	6320.8	6176.7	6034.2	5892.3	5823.9	5755.7
5699.6	27.5°	5824.9	5950.2	6015.1	6080.3	5977.4	5874.7	5764.3	5653.8	5608.0	5562.0
5361.4	30°	5465.3	5569.5	5622.3	5675.2	5596.9	5518.4	5439.4	5359.9	5336.5	5312.9
5018.5	32.5°	5118.1	5218.0	5276.6	5335.5	5263.5	5191.3	5128.2	5065.0	5049.7	5034.3
4685.1	35°	4783.7	4882.6	4953.0	5023.5	4972.2	4921.1	4862.7	4804.6	4781.2	4758.0
4366.8	37.5°	4465.2	4563.8	4650.9	4737.9	4714.3	4690.6	4637.0	4583.2	4540.7	4498.4
4069.1	40°	4164.2	4259.3	4359.5	4459.9	4465.7	4471.2	4425.7	4380.1	4318.2	4256.8
3796.4	42.5°	3886.5	3976.8	4085.0	4193.2	4222.1	4251.0	4212.5	4174.3	4097.6	4020.8
3562.4	45°	3647.9	3733.5	3845.7	3957.9	3999.4	4040.9	4006.2	3971.7	3883.9	3796.4
3375.4	47.5°	3459.2	3542.7	3653.5	3764.2	3812.0	3859.8	3835.6	3811.5	3733.5	3655.5
3239.5	50°	3318.6	3397.3	3496.4	3595.6	3657.0	3718.4	3716.9	3715.9	3653.5	3591.1
3150.2	52.5°	3222.7	3294.9	3387.2	3479.8	3552.6	3625.3	3638.4	3651.4	3600.6	3549.8
3082.8	55°	3160.8	3238.8	3319.8	3400.6	3477.6	3554.8	3572.9	3591.1	3546.8	3502.5
2991.7	57.5°	3083.3	3174.9	3254.9	3335.2	3412.9	3490.4	3508.8	3527.1	3482.4	3437.6
2868.9	60°	2974.1	3079.3	3160.5	3242.1	3320.1	3398.1	3418.2	3438.3	3394.5	3351.0
2696.1	62.5°	2818.6	2941.4	3028.2	3115.0	3186.5	3257.9	3277.3	3296.7	3257.2	3217.7
2511.1	65°	2642.5	2774.1	2857.1	2940.1	3003.0	3065.9	3085.8	3105.4	3067.4	3029.4
2340.0	67.5°	2461.3	2582.8	2661.6	2740.1	2794.4	2848.8	2868.2	2887.3	2852.3	2817.6
2169.4	70°	2276.1	2382.8	2450.7	2518.7	2567.7	2616.8	2635.4	2654.0	2625.6	2597.2
1966.4	72.5°	2050.4	2134.2	2195.6	2257.0	2305.0	2353.1	2375.2	2397.4	2373.7	2350.1
1721.6	75°	1784.0	1846.4	1902.0	1957.6	2001.3	2045.1	2068.3	2091.4	2079.9	2068.3
1462.4	77.5°	1513.2	1563.8	1611.6	1659.4	1705.4	1751.2	1772.9	1794.5	1778.4	1761.8
1167.5	80°	1209.8	1251.8	1292.0	1332.3	1367.3	1402.0	1430.7	1459.4	1452.3	1445.5
878.1	82.5°	874.6	871.1	857.0	842.9	817.4	799.9	784.7	770.5	757.3	745.0
546.0	85°	527.9	509.5	470.5	431.5	401.2	371.2	341.6	311.9	282.9	254.9
253.6	87.5°	252.9	252.1	222.4	192.5	221.7	251.1	275.5	299.9	293.9	287.3
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
6557.1	0°	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1
5992.0	2.5°	5974.6	5953.2	5974.6	5992.0	6009.1	6027.7	6046.3	6070.2	6094.1	6123.8
5613.8	5°	5595.9	5578.3	5595.9	5613.8	5631.7	5655.1	5678.5	5711.4	5744.4	5791.7
5387.3	7.5°	5371.5	5359.4	5371.5	5387.3	5403.4	5430.1	5457.0	5496.3	5535.5	5591.4
5325.7	10°	5312.1	5306.6	5312.1	5325.7	5339.3	5364.7	5390.1	5434.4	5478.2	5545.4
5420.8	12.5°	5409.2	5407.2	5409.2	5420.8	5432.4	5460.6	5489.0	5545.6	5602.2	5687.8
5599.7	15°	5584.6	5583.3	5584.6	5599.7	5614.8	5654.1	5693.6	5779.6	5865.7	5987.4
5754.2	17.5°	5734.8	5731.8	5734.8	5754.2	5773.3	5831.9	5890.3	6017.1	6143.9	6305.2
5836.2	20°	5812.3	5804.8	5812.3	5836.2	5860.1	5935.1	6009.8	6165.1	6320.6	6504.8
5829.9	22.5°	5803.5	5792.2	5803.5	5829.9	5856.3	5935.4	6014.1	6174.4	6334.4	6510.5
5730.8	25°	5706.1	5691.5	5706.1	5730.8	5755.7	5823.9	5892.3	6034.2	6176.7	6320.8
5550.6	27.5°	5539.3	5535.5	5539.3	5550.6	5562.0	5608.0	5653.8	5764.3	5874.7	5977.4
5312.9	30°	5312.9	5316.6	5312.9	5312.9	5312.9	5336.5	5359.9	5439.4	5518.4	5596.9
5036.3	32.5°	5038.6	5042.4	5038.6	5036.3	5034.3	5049.7	5065.0	5128.2	5191.3	5263.5
4753.0	35°	4748.0	4745.5	4748.0	4753.0	4758.0	4781.2	4804.6	4862.7	4921.1	4972.2
4476.0	37.5°	4453.6	4441.0	4453.6	4476.0	4498.4	4540.7	4583.2	4637.0	4690.6	4714.3
4215.1	40°	4173.8	4149.1	4173.8	4215.1	4256.8	4318.2	4380.1	4425.7	4471.2	4465.7
3960.2	42.5°	3899.5	3859.8	3899.5	3960.2	4020.8	4097.6	4174.3	4212.5	4251.0	4222.1
3725.2	45°	3654.0	3608.2	3654.0	3725.2	3796.4	3883.9	3971.7	4006.2	4040.9	3999.4
3589.5	47.5°	3523.9	3479.8	3523.9	3589.5	3655.5	3733.5	3811.5	3835.6	3859.8	3812.0
3530.2	50°	3469.3	3427.0	3469.3	3530.2	3591.1	3653.5	3715.9	3716.9	3718.4	3657.0
3495.2	52.5°	3440.8	3401.8	3440.8	3495.2	3549.8	3600.6	3651.4	3638.4	3625.3	3552.6
3454.7	55°	3406.9	3371.6	3406.9	3454.7	3502.5	3546.8	3591.1	3572.9	3554.8	3477.6
3390.3	57.5°	3342.7	3306.2	3342.7	3390.3	3437.6	3482.4	3527.1	3508.8	3490.4	3412.9
3302.2	60°	3253.4	3215.6	3253.4	3302.2	3351.0	3394.5	3438.3	3418.2	3398.1	3320.1
3166.3	62.5°	3115.0	3069.7	3115.0	3166.3	3217.7	3257.2	3296.7	3277.3	3257.9	3186.5
2979.6	65°	2930.1	2891.1	2930.1	2979.6	3029.4	3067.4	3105.4	3085.8	3065.9	3003.0
2771.3	67.5°	2725.0	2689.8	2725.0	2771.3	2817.6	2852.3	2887.3	2868.2	2848.8	2794.4
2552.9	70°	2508.6	2468.3	2508.6	2552.9	2597.2	2625.6	2654.0	2635.4	2616.8	2567.7
2307.8	72.5°	2265.8	2226.8	2265.8	2307.8	2350.1	2373.7	2397.4	2375.2	2353.1	2305.0
2032.8	75°	1997.3	1960.1	1997.3	2032.8	2068.3	2079.9	2091.4	2068.3	2045.1	2001.3
1726.1	77.5°	1690.4	1660.7	1690.4	1726.1	1761.8	1778.4	1794.5	1772.9	1751.2	1705.4
1397.5	80°	1349.2	1293.3	1349.2	1397.5	1445.5	1452.3	1459.4	1430.7	1402.0	1367.3
1042.7	82.5°	1001.9	966.2	1001.9	1042.7	1083.2	1086.5	1089.5	1040.7	991.9	917.4
650.2	85°	618.5	586.3	618.5	650.2	681.9	686.9	691.9	631.6	571.2	501.2
271.2	87.5°	254.6	239.0	254.6	271.2	287.3	293.9	299.9	275.5	251.1	221.7
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-SB7C-830-U-SLL

CANDELA DISTRIBUTION (continued):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
6557.1	0°	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1
6153.3	2.5°	6191.2	6229.5	6267.5	6305.5	6348.8	6392.3	6440.3	6488.7	6548.3	6601.9
5838.7	5°	5900.1	5961.3	6028.7	6096.1	6172.4	6248.9	6340.2	6431.3	6535.7	6641.4
5647.5	7.5°	5722.2	5797.2	5882.3	5967.1	6067.7	6168.4	6289.4	6410.7	6545.8	6690.0
5612.3	10°	5696.6	5780.9	5872.5	5963.8	6064.4	6165.1	6292.9	6420.7	6565.9	6743.8
5773.3	12.5°	5860.4	5947.7	6019.1	6091.1	6157.5	6224.5	6328.6	6433.3	6568.4	6755.4
6109.2	15°	6185.0	6260.7	6279.3	6297.9	6288.9	6279.8	6329.6	6379.7	6487.9	6695.0
6466.5	17.5°	6527.4	6588.6	6530.4	6472.1	6362.3	6252.6	6234.5	6216.2	6282.8	6526.4
6689.2	20°	6717.6	6745.8	6623.8	6501.7	6311.0	6120.5	6035.0	5949.4	5967.1	6250.6
6686.7	22.5°	6669.8	6652.7	6493.9	6335.2	6117.3	5899.9	5773.3	5646.8	5612.3	5935.1
6465.3	25°	6407.1	6348.8	6192.5	6036.3	5840.5	5645.0	5499.1	5353.1	5260.0	5590.9
6080.3	27.5°	6015.1	5950.2	5824.9	5699.6	5539.1	5378.3	5237.4	5096.5	4983.2	5284.4
5675.2	30°	5622.3	5569.5	5465.3	5361.4	5228.1	5094.7	4982.5	4870.8	4782.0	5034.8
5335.5	32.5°	5276.6	5218.0	5118.1	5018.5	4911.8	4805.4	4739.2	4673.0	4633.5	4837.3
5023.5	35°	4953.0	4882.6	4783.7	4685.1	4604.1	4522.8	4504.4	4486.3	4502.7	4672.5
4737.9	37.5°	4650.9	4563.8	4465.2	4366.8	4308.7	4250.3	4270.4	4290.5	4350.4	4498.9
4459.9	40°	4359.5	4259.3	4164.2	4069.1	4027.1	3985.1	4030.6	4076.2	4168.0	4302.6
4193.2	42.5°	4085.0	3976.8	3886.5	3796.4	3761.9	3727.7	3788.1	3848.5	3964.2	4088.2
3957.9	45°	3845.7	3733.5	3647.9	3562.4	3533.2	3504.5	3563.1	3622.0	3734.0	3859.8
3764.2	47.5°	3653.5	3542.7	3459.2	3375.4	3348.5	3321.3	3370.6	3420.0	3516.3	3678.6
3595.6	50°	3496.4	3397.3	3318.6	3239.5	3197.0	3154.8	3198.3	3242.1	3354.0	3567.4
3479.8	52.5°	3387.2	3294.9	3222.7	3150.2	3086.8	3023.2	3066.2	3109.5	3266.0	3511.3
3400.6	55°	3319.8	3238.8	3160.8	3082.8	2992.7	2902.4	2970.6	3039.0	3274.8	3503.0
3335.2	57.5°	3254.9	3174.9	3083.3	2991.7	2894.6	2797.5	2897.1	2996.7	3283.6	3484.9
3242.1	60°	3160.5	3079.3	2974.1	2868.9	2783.9	2698.6	2827.9	2957.0	3255.9	3388.8
3115.0	62.5°	3028.2	2941.4	2818.6	2696.1	2642.0	2587.9	2749.2	2910.7	3188.0	3204.3
2940.1	65°	2857.1	2774.1	2642.5	2511.1	2490.5	2469.6	2641.5	2813.1	3024.4	3022.4
2740.1	67.5°	2661.6	2582.8	2461.3	2340.0	2346.6	2353.1	2496.0	2638.9	2757.7	2763.2
2518.7	70°	2450.7	2382.8	2276.1	2169.4	2192.1	2214.7	2316.4	2418.0	2457.0	2457.0
2257.0	72.5°	2195.6	2134.2	2050.4	1966.4	1999.3	2032.5	2102.2	2171.9	2171.4	2146.8
1957.6	75°	1902.0	1846.4	1784.0	1721.6	1753.5	1785.2	1839.1	1892.7	1902.2	1788.5
1659.4	77.5°	1611.6	1563.8	1513.2	1462.4	1494.6	1526.8	1569.8	1612.9	1617.9	1430.4
1332.3	80°	1292.0	1251.8	1209.8	1167.5	1194.7	1221.6	1257.8	1293.8	1294.6	1070.6
842.9	82.5°	857.0	871.1	874.6	878.1	897.3	916.4	934.0	951.6	941.0	749.8
431.5	85°	470.5	509.5	527.9	546.0	567.4	588.8	607.7	626.5	612.7	470.5
192.5	87.5°	222.4	252.1	252.9	253.6	257.7	261.7	269.2	276.8	259.2	200.0
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°
6557.1	0°	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1	6557.1
6657.2	2.5°	6712.6	6770.5	6828.3	6885.7	6943.3	6997.4	7051.5
6753.4	5°	6865.3	6985.1	7105.1	7224.1	7343.4	7462.9	7582.4
6846.2	7.5°	7002.5	7179.8	7357.2	7539.4	7721.6	7918.6	8115.9
6929.0	10°	7113.7	7329.3	7544.7	7785.2	8026.0	8275.4	8524.7
6964.5	12.5°	7173.6	7427.7	7681.8	7954.6	8227.3	8501.1	8775.1
6937.0	15°	7179.1	7471.7	7764.3	8060.2	8356.1	8641.7	8927.3
6817.5	17.5°	7108.6	7448.3	7788.0	8110.8	8433.6	8723.3	9012.9
6611.4	20°	6972.3	7383.9	7795.5	8150.3	8505.1	8806.3	9107.2
6369.6	22.5°	6804.2	7304.9	7805.6	8203.7	8601.5	8909.2	9216.7
6099.7	25°	6608.7	7226.9	7845.4	8300.3	8755.0	9056.1	9357.6
5852.8	27.5°	6421.2	7174.8	7928.4	8451.3	8973.9	9261.5	9548.8
5646.5	30°	6258.2	7150.4	8042.1	8646.8	9251.4	9528.9	9806.7
5468.6	32.5°	6099.7	7120.2	8140.3	8850.8	9561.4	9836.2	10111.2
5293.7	35°	5915.0	7063.3	8212.2	9083.3	9954.4	10217.9	10481.0
5087.9	37.5°	5676.9	6966.0	8255.0	9343.7	10432.5	10768.1	11103.8
4842.3	40°	5382.1	6831.9	8281.9	9674.4	11066.5	11555.7	12044.8
4571.3	42.5°	5054.5	6693.5	8333.0	10106.9	11880.8	12586.8	13292.8
4283.5	45°	4707.2	6564.9	8422.8	10676.0	12929.3	13881.6	14834.0
4055.8	47.5°	4433.0	6458.7	8484.5	11282.4	14080.4	15421.0	16761.4
3904.6	50°	4241.7	6343.0	8444.2	11845.0	15245.9	17266.9	19287.6
3804.9	52.5°	4098.8	6147.5	8196.4	12210.4	16224.2	19205.8	22187.4
3732.7	55°	3962.4	5823.4	7684.3	12129.9	16575.2	20924.8	25274.8
3647.2	57.5°	3809.5	5366.5	6923.2	11563.2	16203.5	22143.2	28082.8
3516.3	60°	3643.9	4773.1	5902.4	10508.7	15115.0	22447.6	29779.9
3288.9	62.5°	3373.7	4063.1	4752.5	9082.8	13413.1	21165.6	28918.2
3062.4	65°	3102.4	3424.2	3746.1	7628.0	11510.1	19351.7	27193.3
2741.1	67.5°	2718.7	2810.3	2901.6	6202.8	9504.0	17193.1	24882.3
2353.6	70°	2249.9	2224.0	2197.9	4883.9	7569.9	14837.8	22105.7
2000.1	72.5°	1853.1	1774.1	1695.4	3733.7	5772.1	12284.4	18796.9
1623.9	75°	1459.4	1387.9	1316.5	2709.9	4103.3	9357.3	14611.3
1270.7	77.5°	1110.9	1062.1	1013.5	1836.3	2659.1	6549.3	10439.5
935.5	80°	800.1	780.0	759.9	1183.1	1606.6	4219.6	6832.6
650.2	82.5°	550.5	546.5	543.0	727.7	912.9	2442.2	3971.7
397.6	85°	324.6	326.6	328.4	389.0	449.9	1098.6	1747.5
170.1	87.5°	140.4	142.2	143.9	161.3	178.6	359.8	541.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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