

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: P954815

Luminaire Tested: **GALN-SB7D-950-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P954815  
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-950-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(7) 90 CRI, 5000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

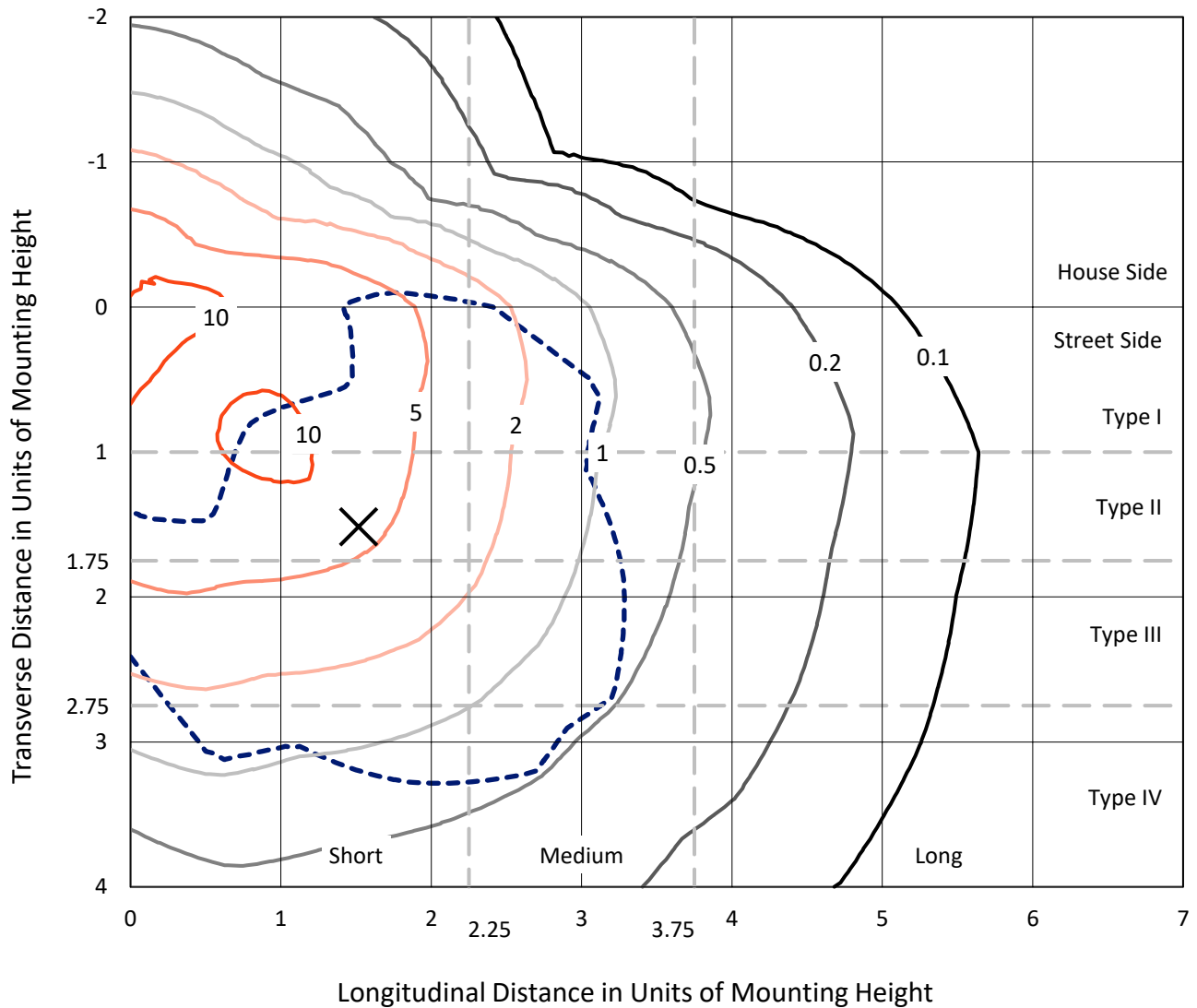
Lumens per Lamp: N/A  
Luminaire Lumens: 50163 lumens  
Efficiency: N/A  
Efficacy: 97.8 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B4 - U0 - G5  
  
Input Watts (W): 512.8  
Input Voltage (V): NR  
Input Current (Ain): NR  
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



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### Iso-Footcandle Lines of Horizontal Illumination

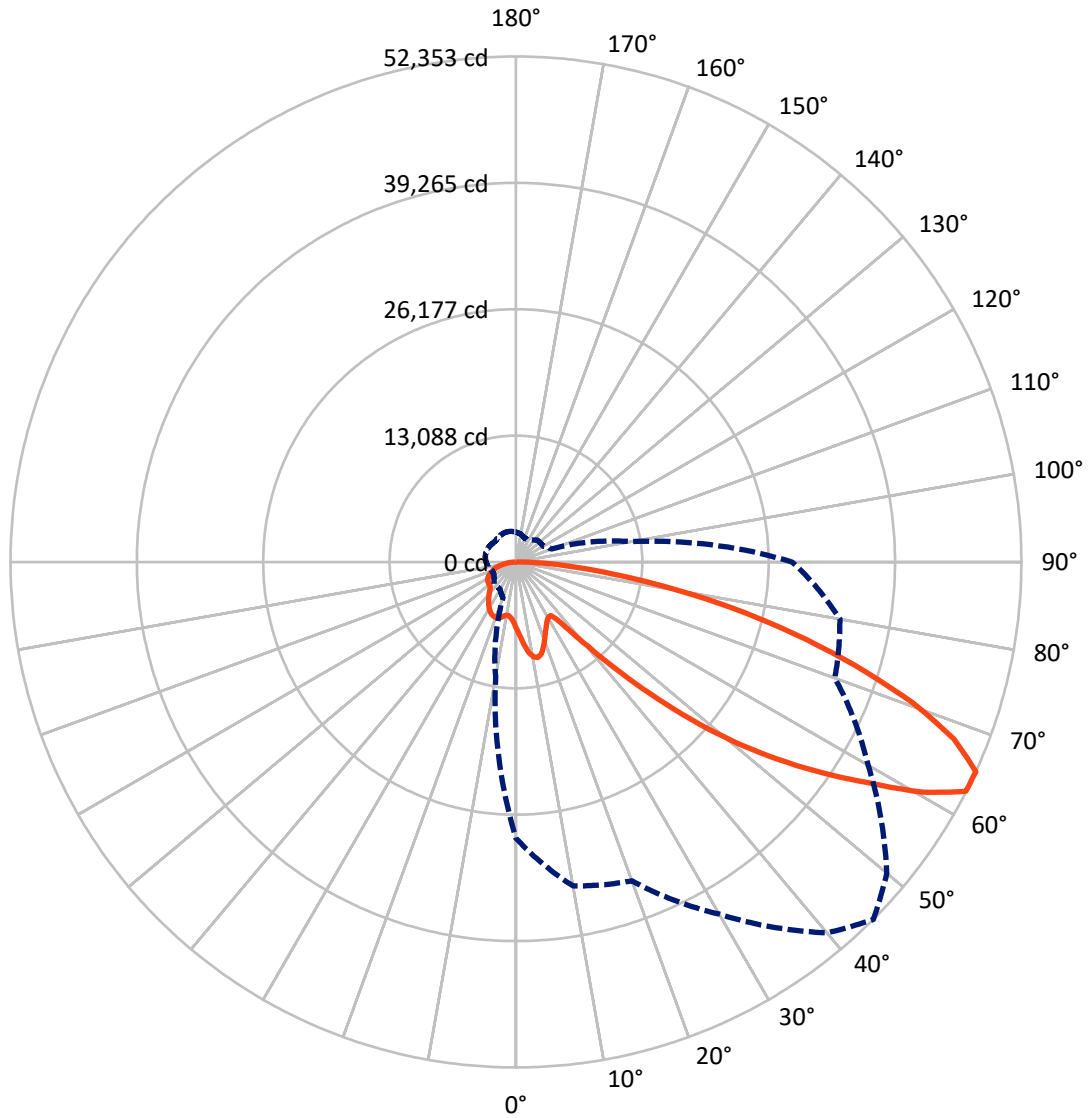
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 15.3 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
<b>House Side</b>	Lumens	12748.9	0.0	12748.9
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	37414.1	0.0	37414.1
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	50163.0	0.0	50163.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	684.3	1.4
10°-20°	2148.0	4.3
20°-30°	3318.0	6.6
30°-40°	4204.7	8.4
40°-50°	6341.8	12.6
50°-60°	10246.0	20.4
60°-70°	12773.3	25.5
70°-80°	8376.1	16.7
80°-90°	2070.8	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°	50163.0	100.0
0°-180°	50163.0	100.0



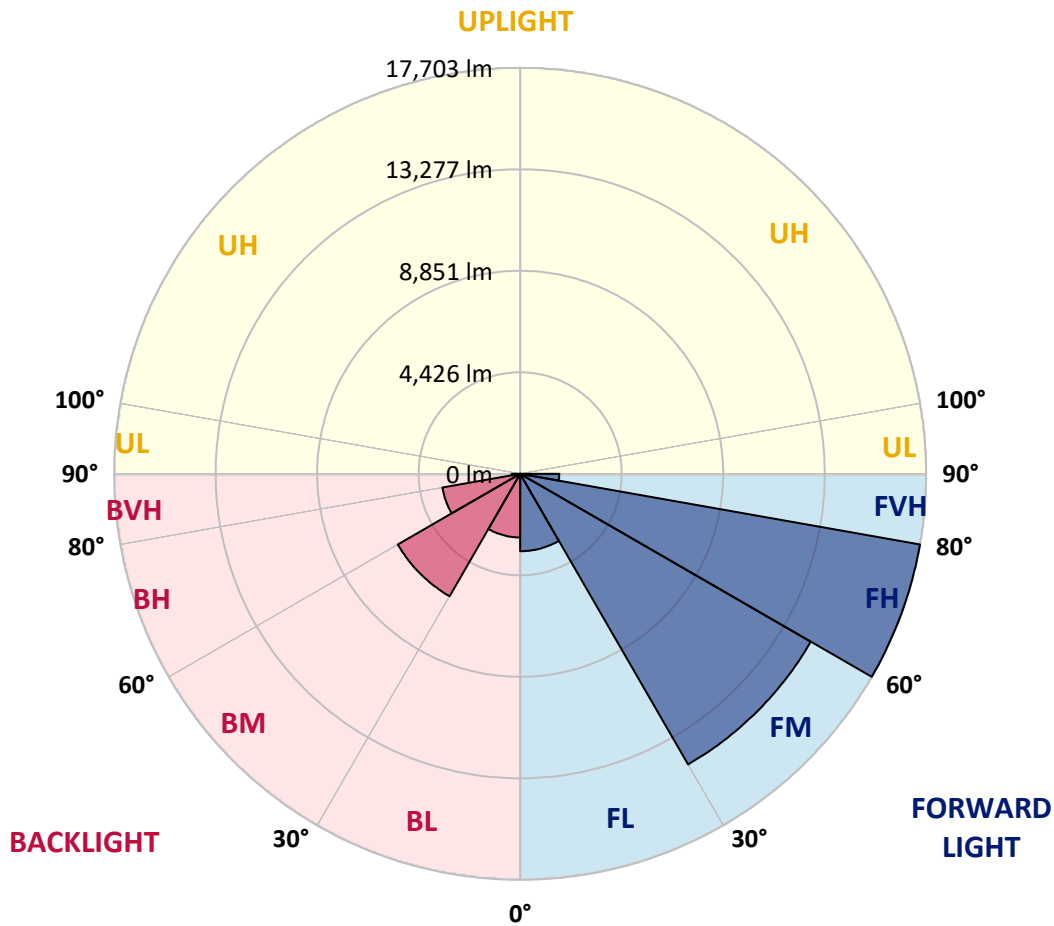
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3374.0	6.7			
FM (30°-60°)	14631.5	29.2			
FH (60°-80°)	17702.7	35.3			G5
FVH (80°-90°)	1705.9	3.4			G5
BL (0°-30°)	2776.2	5.5	B4/5000		
BM (30°-60°)	6161.1	12.3	B4/8500		
BH (60°-80°)	3446.7	6.9	B4/5000		G4/5000
BVH (80°-90°)	364.9	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°	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8
2.5°	7418.0	7446.0	7474.3	7514.3	7554.3	7578.1	7601.9	7613.8	7625.7	7620.5
5°	7976.5	8074.7	8173.1	8270.5	8368.2	8421.1	8474.1	8506.1	8538.4	8562.8
7.5°	8537.6	8697.5	8857.1	9000.8	9144.5	9231.1	9317.6	9364.5	9411.1	9433.6
10°	8967.7	9156.7	9345.7	9514.3	9682.9	9785.1	9886.7	9932.3	9977.5	9994.7
12.5°	9231.1	9436.0	9640.6	9793.0	9945.0	10019.1	10093.2	10118.1	10143.0	10145.6
15°	9391.2	9568.0	9744.6	9840.1	9936.0	9938.6	9941.3	9914.8	9888.3	9857.1
17.5°	9481.2	9600.6	9720.0	9721.8	9723.4	9616.2	9509.0	9410.8	9312.4	9243.0
20°	9580.5	9622.0	9663.9	9538.1	9412.4	9175.8	8939.1	8766.8	8594.5	8488.6
22.5°	9695.6	9641.1	9586.6	9326.1	9065.7	8717.6	8369.5	8154.1	7938.6	7821.6
25°	9843.9	9671.8	9499.8	9104.3	8708.9	8286.1	7863.4	7636.9	7410.8	7300.2
27.5°	10045.0	9737.4	9429.6	8905.8	8382.2	7913.7	7445.2	7222.4	6999.8	6895.2
30°	10316.3	9857.6	9399.2	8754.4	8109.6	7621.5	7133.4	6926.7	6720.0	6622.6
32.5°	10636.6	10008.5	9380.6	8651.2	7921.7	7463.0	7004.3	6842.0	6679.5	6609.3
35°	11025.7	10257.0	9488.6	8728.4	7968.5	7649.8	7331.4	7293.6	7255.7	7249.9
37.5°	11680.8	10776.6	9872.4	9181.6	8490.8	8470.1	8449.5	8622.6	8795.7	8885.7
40°	12670.8	11687.4	10704.1	10190.3	9676.6	10039.2	10401.8	10822.7	11243.5	11453.2
42.5°	13983.6	13008.0	12032.3	11736.4	11440.5	12231.4	13022.3	13787.7	14553.2	15002.7
45°	15604.9	14728.5	13851.8	13721.3	13590.6	14857.6	16125.0	17382.8	18640.9	19404.5
47.5°	17632.4	16779.8	15927.0	15900.5	15874.0	17702.0	19529.4	21370.9	23212.1	24293.3
50°	20289.9	19236.7	18183.7	18188.2	18192.7	20548.5	22904.2	25334.9	27765.5	29235.1
52.5°	23340.4	22065.2	20790.1	20661.2	20532.1	23346.0	26159.9	29167.3	32174.5	33936.0
55°	26588.2	25328.3	24068.3	23565.7	23063.0	26194.9	29326.4	32911.7	36496.9	38591.9
57.5°	29542.1	28856.1	28169.7	27161.5	26153.6	29315.8	32478.1	36539.0	40599.6	43197.6
60°	31327.5	32393.1	33459.0	32207.1	30955.1	33947.7	36940.3	41288.1	45635.9	48443.7
62.5°	30420.9	33332.8	36244.7	36103.6	35962.2	38703.6	41445.3	45581.9	49718.2	52313.5
65°	28606.5	31339.4	34072.3	34613.1	35153.6	38637.5	42121.6	46132.7	50143.6	52353.2
67.5°	26175.3	28774.5	31373.8	31627.4	31880.7	35510.7	39140.4	43168.7	47197.0	48928.1
70°	23254.4	26081.6	28909.0	29022.3	29135.8	32382.0	35627.9	39094.6	42561.0	43523.1
72.5°	19773.7	23018.0	26262.6	26344.2	26425.4	28965.1	31504.8	34101.2	36697.3	36794.7
75°	15370.6	18728.5	22086.3	22387.8	22689.3	24665.2	26641.1	28468.8	30296.5	29806.8
77.5°	10982.0	14116.5	17251.2	17682.7	18114.1	19616.2	21118.4	22414.6	23711.0	22869.3
80°	7187.7	9824.8	12461.6	12997.9	13534.2	14668.6	15802.6	16483.4	17163.9	15810.0
82.5°	4178.1	5981.0	7784.0	8383.0	8982.3	9763.1	10544.0	10828.0	11111.7	10047.7
85°	1838.3	2795.1	3752.0	4261.5	4771.1	5412.7	6054.0	6215.2	6376.4	5524.1
87.5°	569.1	890.7	1212.3	1496.6	1780.8	2101.6	2422.5	2436.2	2449.7	2056.6
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°
6897.8	0°	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8
7625.7	2.5°	7613.8	7601.9	7578.1	7554.3	7514.3	7474.3	7446.0	7418.0	7361.1	7304.1
8538.4	5°	8506.1	8474.1	8421.1	8368.2	8270.5	8173.1	8074.7	7976.5	7850.7	7725.0
9411.1	7.5°	9364.5	9317.6	9231.1	9144.5	9000.8	8857.1	8697.5	8537.6	8330.1	8122.8
9977.5	10°	9932.3	9886.7	9785.1	9682.9	9514.3	9345.7	9156.7	8967.7	8705.4	8443.1
10143.0	12.5°	10118.1	10093.2	10019.1	9945.0	9793.0	9640.6	9436.0	9231.1	8942.8	8654.9
9888.3	15°	9914.8	9941.3	9938.6	9936.0	9840.1	9744.6	9568.0	9391.2	9090.8	8790.4
9312.4	17.5°	9410.8	9509.0	9616.2	9723.4	9721.8	9720.0	9600.6	9481.2	9176.6	8871.9
8594.5	20°	8766.8	8939.1	9175.8	9412.4	9538.1	9663.9	9622.0	9580.5	9263.9	8947.1
7938.6	22.5°	8154.1	8369.5	8717.6	9065.7	9326.1	9586.6	9641.1	9695.6	9372.2	9048.5
7410.8	25°	7636.9	7863.4	8286.1	8708.9	9104.3	9499.8	9671.8	9843.9	9526.8	9209.9
6999.8	27.5°	7222.4	7445.2	7913.7	8382.2	8905.8	9429.6	9737.4	10045.0	9742.7	9440.2
6720.0	30°	6926.7	7133.4	7621.5	8109.6	8754.4	9399.2	9857.6	10316.3	10024.1	9732.2
6679.5	32.5°	6842.0	7004.3	7463.0	7921.7	8651.2	9380.6	10008.5	10636.6	10347.3	10058.3
7255.7	35°	7293.6	7331.4	7649.8	7968.5	8728.4	9488.6	10257.0	11025.7	10748.8	10471.7
8795.7	37.5°	8622.6	8449.5	8470.1	8490.8	9181.6	9872.4	10776.6	11680.8	11327.7	10974.6
11243.5	40°	10822.7	10401.8	10039.2	9676.6	10190.3	10704.1	11687.4	12670.8	12156.2	11641.6
14553.2	42.5°	13787.7	13022.3	12231.4	11440.5	11736.4	12032.3	13008.0	13983.6	13240.9	12498.2
18640.9	45°	17382.8	16125.0	14857.6	13590.6	13721.3	13851.8	14728.5	15604.9	14603.0	13601.1
23212.1	47.5°	21370.9	19529.4	17702.0	15874.0	15900.5	15927.0	16779.8	17632.4	16222.4	14812.1
27765.5	50°	25334.9	22904.2	20548.5	18192.7	18188.2	18183.7	19236.7	20289.9	18164.1	16038.2
32174.5	52.5°	29167.3	26159.9	23346.0	20532.1	20661.2	20790.1	22065.2	23340.4	20203.9	17067.3
36496.9	55°	32911.7	29326.4	26194.9	23063.0	23565.7	24068.3	25328.3	26588.2	22012.2	17436.5
40599.6	57.5°	36539.0	32478.1	29315.8	26153.6	27161.5	28169.7	28856.1	29542.1	23293.9	17045.6
45635.9	60°	41288.1	36940.3	33947.7	30955.1	32207.1	33459.0	32393.1	31327.5	23614.1	15900.5
49718.2	62.5°	45581.9	41445.3	38703.6	35962.2	36103.6	36244.7	33332.8	30420.9	22265.5	14110.1
50143.6	65°	46132.7	42121.6	38637.5	35153.6	34613.1	34072.3	31339.4	28606.5	20357.4	12108.3
47197.0	67.5°	43168.7	39140.4	35510.7	31880.7	31627.4	31373.8	28774.5	26175.3	18086.6	9997.9
42561.0	70°	39094.6	35627.9	32382.0	29135.8	29022.3	28909.0	26081.6	23254.4	15608.8	7963.2
36697.3	72.5°	34101.2	31504.8	28965.1	26425.4	26344.2	26262.6	23018.0	19773.7	12922.7	6072.0
30296.5	75°	28468.8	26641.1	24665.2	22689.3	22387.8	22086.3	18728.5	15370.6	9843.6	4316.6
23711.0	77.5°	22414.6	21118.4	19616.2	18114.1	17682.7	17251.2	14116.5	10982.0	6889.6	2797.3
17163.9	80°	16483.4	15802.6	14668.6	13534.2	12997.9	12461.6	9824.8	7187.7	4438.9	1690.1
11111.7	82.5°	10828.0	10544.0	9763.1	8982.3	8383.0	7784.0	5981.0	4178.1	2569.1	960.3
6376.4	85°	6215.2	6054.0	5412.7	4771.1	4261.5	3752.0	2795.1	1838.3	1155.6	473.3
2449.7	87.5°	2436.2	2422.5	2101.6	1780.8	1496.6	1212.3	890.7	569.1	378.5	187.9
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):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
6897.8	0°	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8
7243.5	2.5°	7183.2	7122.3	7061.4	7003.2	6945.0	6888.6	6825.8	6775.0	6724.5	6678.7
7599.5	5°	7474.3	7348.1	7222.1	7104.3	6986.5	6875.3	6765.5	6669.7	6573.6	6493.1
7931.2	7.5°	7739.6	7553.0	7366.3	7202.0	7037.6	6885.9	6743.8	6616.2	6488.9	6383.0
8189.8	10°	7936.8	7710.2	7483.3	7289.1	7094.2	6907.1	6754.4	6619.9	6485.5	6379.6
8367.9	12.5°	8081.0	7813.7	7546.3	7326.4	7106.4	6909.8	6767.6	6657.5	6547.9	6477.5
8479.1	15°	8167.8	7860.0	7552.2	7297.5	7042.9	6825.1	6711.2	6658.6	6606.2	6615.7
8532.3	17.5°	8192.7	7835.4	7478.0	7171.8	6865.6	6609.3	6539.2	6558.5	6577.6	6693.0
8573.9	20°	8200.7	7767.6	7334.6	6955.0	6575.5	6277.1	6258.6	6348.6	6438.6	6639.0
8630.0	22.5°	8211.2	7684.5	7157.8	6700.6	6243.5	5903.9	5940.2	6073.3	6206.5	6435.2
8731.6	25°	8253.1	7602.5	6952.1	6416.6	5881.4	5533.4	5631.3	5784.8	5938.3	6144.0
8890.4	27.5°	8340.4	7547.7	6754.9	6157.0	5559.0	5242.2	5361.3	5509.5	5657.8	5826.9
9096.1	30°	8460.1	7522.0	6583.4	5939.9	5296.5	5030.5	5123.9	5241.4	5359.5	5499.7
9310.8	32.5°	8563.3	7490.2	6416.6	5752.8	5088.7	4874.3	4915.8	4985.5	5055.1	5167.0
9555.3	35°	8639.0	7430.4	6222.4	5568.8	4915.3	4736.6	4719.4	4738.5	4757.8	4843.3
9829.3	37.5°	8684.0	7328.0	5972.0	5352.3	4732.7	4576.5	4513.5	4492.3	4471.2	4532.6
10177.1	40°	8712.3	7186.9	5661.7	5094.0	4526.2	4384.6	4288.0	4240.1	4192.2	4236.4
10632.1	42.5°	8766.0	7041.3	5317.1	4808.9	4300.7	4170.2	4048.4	3984.9	3921.4	3957.4
11230.8	45°	8860.5	6906.0	4951.8	4506.1	4060.4	3928.0	3810.2	3748.3	3686.6	3716.8
11868.7	47.5°	8925.4	6794.4	4663.3	4266.6	3869.8	3699.1	3597.7	3545.8	3493.9	3522.5
12460.6	50°	8883.0	6672.6	4462.2	4107.5	3752.8	3528.3	3410.5	3364.5	3318.7	3363.2
12844.9	52.5°	8622.3	6466.9	4311.8	4002.7	3693.8	3435.7	3271.0	3225.5	3180.3	3247.2
12760.2	55°	8083.7	6126.0	4168.4	3926.7	3685.0	3445.0	3196.9	3124.9	3053.2	3148.2
12164.1	57.5°	7283.0	5645.3	4007.4	3836.7	3666.0	3454.2	3152.5	3047.7	2942.8	3045.0
11054.8	60°	6209.1	5021.2	3833.3	3699.1	3564.9	3425.1	3110.6	2974.9	2838.8	2928.5
9554.8	62.5°	4999.5	4274.2	3549.0	3459.8	3370.8	3353.6	3061.9	2892.0	2722.3	2779.3
8024.4	65°	3940.7	3602.2	3263.6	3221.6	3179.5	3181.6	2959.2	2778.7	2597.9	2619.9
6525.2	67.5°	3052.4	2956.3	2860.0	2883.5	2906.8	2901.0	2776.1	2625.7	2475.4	2468.5
5137.7	70°	2312.1	2339.6	2366.9	2475.9	2584.7	2584.7	2543.7	2436.7	2329.8	2306.0
3927.7	72.5°	1783.5	1866.3	1949.4	2104.0	2258.3	2284.3	2284.8	2211.5	2138.2	2103.2
2850.7	75°	1384.9	1460.0	1535.2	1708.3	1881.4	2001.1	1991.0	1934.6	1878.0	1844.6
1931.7	77.5°	1066.2	1117.3	1168.6	1336.7	1504.8	1702.0	1696.7	1651.4	1606.1	1572.3
1244.6	80°	799.4	820.5	841.7	984.1	1126.3	1361.8	1361.0	1323.2	1285.1	1256.8
765.5	82.5°	571.2	574.9	579.1	684.0	788.8	989.9	1001.1	982.5	964.0	943.9
409.2	85°	345.4	343.6	341.5	418.2	495.0	644.5	659.1	639.2	619.4	596.9
169.7	87.5°	151.4	149.6	147.7	178.9	210.4	272.6	291.2	283.2	275.3	271.0
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: P954815  
 CATALOG NUMBER: GALN-SB7D-950-U-SLL

**CANDELA DISTRIBUTION (continued):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
6897.8	0°	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8
6633.2	2.5°	6593.2	6553.2	6513.0	6473.0	6442.0	6410.8	6385.7	6360.5	6340.9	6321.3
6412.9	5°	6342.0	6271.1	6206.7	6142.2	6092.7	6042.9	6008.2	5973.5	5948.9	5924.3
6277.1	7.5°	6187.9	6098.5	6019.6	5941.0	5882.0	5823.2	5781.9	5740.6	5712.3	5684.2
6273.7	10°	6177.6	6081.3	5992.6	5903.9	5833.5	5762.8	5716.8	5670.2	5643.5	5616.7
6407.6	12.5°	6331.9	6256.8	6164.9	6073.3	5983.3	5893.3	5833.8	5774.2	5744.3	5714.7
6625.2	15°	6605.6	6586.0	6506.4	6426.7	6298.6	6170.5	6079.9	5989.4	5947.9	5906.6
6808.4	17.5°	6869.8	6930.9	6866.6	6802.6	6632.9	6463.2	6329.8	6196.4	6135.0	6073.3
6839.6	20°	6968.0	7096.4	7066.7	7036.8	6842.8	6649.0	6485.5	6322.1	6243.5	6164.7
6664.4	22.5°	6831.4	6998.4	7016.4	7034.2	6848.9	6663.6	6495.2	6326.6	6243.8	6160.7
6349.9	25°	6514.3	6678.7	6740.1	6801.2	6649.3	6497.6	6347.8	6198.5	6126.5	6054.8
5995.8	27.5°	6127.6	6259.4	6327.7	6396.3	6288.0	6180.0	6063.8	5947.6	5899.4	5851.0
5640.0	30°	5749.4	5858.9	5914.5	5970.1	5887.8	5805.2	5722.1	5638.4	5613.8	5588.9
5279.3	32.5°	5384.1	5489.2	5550.8	5612.8	5537.1	5461.1	5394.7	5328.2	5312.1	5295.9
4928.5	35°	5032.3	5136.3	5210.4	5284.6	5230.6	5176.8	5115.4	5054.3	5029.7	5005.3
4593.7	37.5°	4697.2	4801.0	4892.5	4984.1	4959.2	4934.4	4878.0	4821.3	4776.6	4732.1
4280.6	40°	4380.6	4480.7	4586.0	4691.6	4697.7	4703.6	4655.6	4607.7	4542.6	4478.0
3993.7	42.5°	4088.4	4183.4	4297.3	4411.1	4441.5	4472.0	4431.5	4391.2	4310.5	4229.8
3747.5	45°	3837.5	3927.5	4045.5	4163.6	4207.3	4250.9	4214.4	4178.1	4085.8	3993.7
3550.8	47.5°	3639.0	3726.8	3843.3	3959.8	4010.1	4060.4	4034.9	4009.5	3927.5	3845.4
3407.9	50°	3491.0	3573.9	3678.1	3782.4	3847.0	3911.6	3910.0	3909.0	3843.3	3777.7
3313.9	52.5°	3390.2	3466.1	3563.3	3660.7	3737.2	3813.7	3827.4	3841.2	3787.7	3734.3
3243.0	55°	3325.0	3407.1	3492.3	3577.3	3658.3	3739.6	3758.6	3777.7	3731.1	3684.5
3147.2	57.5°	3243.5	3339.9	3424.0	3508.5	3590.3	3671.8	3691.1	3710.4	3663.3	3616.2
3018.0	60°	3128.6	3239.3	3324.8	3410.5	3492.6	3574.7	3595.8	3617.0	3570.9	3525.2
2836.2	62.5°	2965.1	3094.2	3185.6	3276.9	3352.0	3427.2	3447.6	3468.0	3426.4	3384.9
2641.6	65°	2779.8	2918.2	3005.6	3092.9	3159.1	3225.3	3246.2	3266.8	3226.8	3186.9
2461.6	67.5°	2589.2	2717.1	2799.9	2882.5	2939.7	2996.8	3017.2	3037.3	3000.5	2964.0
2282.2	70°	2394.4	2506.6	2578.1	2649.6	2701.2	2752.8	2772.4	2792.0	2762.0	2732.1
2068.6	72.5°	2157.0	2245.1	2309.7	2374.3	2424.8	2475.4	2498.7	2522.0	2497.1	2472.2
1811.0	75°	1876.7	1942.3	2000.8	2059.3	2105.4	2151.4	2175.8	2200.1	2187.9	2175.8
1538.4	77.5°	1591.9	1645.1	1695.3	1745.6	1794.1	1842.2	1865.0	1887.8	1870.8	1853.4
1228.2	80°	1272.6	1316.8	1359.2	1401.5	1438.3	1474.9	1505.0	1535.2	1527.8	1520.6
923.8	82.5°	920.1	916.4	901.5	886.7	965.1	1043.4	1094.8	1146.1	1142.9	1139.5
574.4	85°	555.3	536.0	495.0	453.9	527.3	600.8	664.4	727.9	722.6	717.3
266.8	87.5°	266.0	265.2	234.0	202.5	233.2	264.2	289.8	315.5	309.2	302.3
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: P954815  
 CATALOG NUMBER: GALN-SB7D-950-U-SLL

**CANDELA DISTRIBUTION (continued):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
6897.8	0°	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8
6303.3	2.5°	6285.1	6262.6	6285.1	6303.3	6321.3	6340.9	6360.5	6385.7	6410.8	6442.0
5905.5	5°	5886.7	5868.2	5886.7	5905.5	5924.3	5948.9	5973.5	6008.2	6042.9	6092.7
5667.3	7.5°	5650.6	5637.9	5650.6	5667.3	5684.2	5712.3	5740.6	5781.9	5823.2	5882.0
5602.4	10°	5588.2	5582.3	5588.2	5602.4	5616.7	5643.5	5670.2	5716.8	5762.8	5833.5
5702.5	12.5°	5690.3	5688.2	5690.3	5702.5	5714.7	5744.3	5774.2	5833.8	5893.3	5983.3
5890.7	15°	5874.8	5873.5	5874.8	5890.7	5906.6	5947.9	5989.4	6079.9	6170.5	6298.6
6053.2	17.5°	6032.8	6029.7	6032.8	6053.2	6073.3	6135.0	6196.4	6329.8	6463.2	6632.9
6139.5	20°	6114.4	6106.4	6114.4	6139.5	6164.7	6243.5	6322.1	6485.5	6649.0	6842.8
6132.9	22.5°	6105.1	6093.2	6105.1	6132.9	6160.7	6243.8	6326.6	6495.2	6663.6	6848.9
6028.6	25°	6002.7	5987.3	6002.7	6028.6	6054.8	6126.5	6198.5	6347.8	6497.6	6649.3
5839.1	27.5°	5827.2	5823.2	5827.2	5839.1	5851.0	5899.4	5947.6	6063.8	6180.0	6288.0
5588.9	30°	5588.9	5592.9	5588.9	5588.9	5588.9	5613.8	5638.4	5722.1	5805.2	5887.8
5298.1	32.5°	5300.4	5304.4	5300.4	5298.1	5295.9	5312.1	5328.2	5394.7	5461.1	5537.1
5000.0	35°	4994.7	4992.1	4994.7	5000.0	5005.3	5029.7	5054.3	5115.4	5176.8	5230.6
4708.6	37.5°	4685.0	4671.8	4685.0	4708.6	4732.1	4776.6	4821.3	4878.0	4934.4	4959.2
4434.1	40°	4390.7	4364.8	4390.7	4434.1	4478.0	4542.6	4607.7	4655.6	4703.6	4697.7
4166.0	42.5°	4102.2	4060.4	4102.2	4166.0	4229.8	4310.5	4391.2	4431.5	4472.0	4441.5
3918.7	45°	3843.8	3795.7	3843.8	3918.7	3993.7	4085.8	4178.1	4214.4	4250.9	4207.3
3776.1	47.5°	3707.0	3660.7	3707.0	3776.1	3845.4	3927.5	4009.5	4034.9	4060.4	4010.1
3713.6	50°	3649.6	3605.1	3649.6	3713.6	3777.7	3843.3	3909.0	3910.0	3911.6	3847.0
3676.8	52.5°	3619.6	3578.6	3619.6	3676.8	3734.3	3787.7	3841.2	3827.4	3813.7	3737.2
3634.2	55°	3583.9	3546.9	3583.9	3634.2	3684.5	3731.1	3777.7	3758.6	3739.6	3658.3
3566.4	57.5°	3516.4	3478.0	3516.4	3566.4	3616.2	3663.3	3710.4	3691.1	3671.8	3590.3
3473.8	60°	3422.5	3382.7	3422.5	3473.8	3525.2	3570.9	3617.0	3595.8	3574.7	3492.6
3330.9	62.5°	3276.9	3229.2	3276.9	3330.9	3384.9	3426.4	3468.0	3447.6	3427.2	3352.0
3134.5	65°	3082.3	3041.3	3082.3	3134.5	3186.9	3226.8	3266.8	3246.2	3225.3	3159.1
2915.3	67.5°	2866.6	2829.5	2866.6	2915.3	2964.0	3000.5	3037.3	3017.2	2996.8	2939.7
2685.6	70°	2639.0	2596.6	2639.0	2685.6	2732.1	2762.0	2792.0	2772.4	2752.8	2701.2
2427.7	72.5°	2383.5	2342.5	2383.5	2427.7	2472.2	2497.1	2522.0	2498.7	2475.4	2424.8
2138.4	75°	2101.1	2061.9	2101.1	2138.4	2175.8	2187.9	2200.1	2175.8	2151.4	2105.4
1815.8	77.5°	1778.2	1747.0	1778.2	1815.8	1853.4	1870.8	1887.8	1865.0	1842.2	1794.1
1470.1	80°	1419.3	1360.5	1419.3	1470.1	1520.6	1527.8	1535.2	1505.0	1474.9	1438.3
1096.9	82.5°	1054.0	1016.4	1054.0	1096.9	1139.5	1142.9	1146.1	1094.8	1043.4	965.1
684.0	85°	650.6	616.7	650.6	684.0	717.3	722.6	727.9	664.4	600.8	527.3
285.3	87.5°	267.9	251.5	267.9	285.3	302.3	309.2	315.5	289.8	264.2	233.2
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: P954815  
 CATALOG NUMBER: GALN-SB7D-950-U-SLL

**CANDELA DISTRIBUTION (continued):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
6897.8	0°	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8
6473.0	2.5°	6513.0	6553.2	6593.2	6633.2	6678.7	6724.5	6775.0	6825.8	6888.6	6945.0
6142.2	5°	6206.7	6271.1	6342.0	6412.9	6493.1	6573.6	6669.7	6765.5	6875.3	6986.5
5941.0	7.5°	6019.6	6098.5	6187.9	6277.1	6383.0	6488.9	6616.2	6743.8	6885.9	7037.6
5903.9	10°	5992.6	6081.3	6177.6	6273.7	6379.6	6485.5	6619.9	6754.4	6907.1	7094.2
6073.3	12.5°	6164.9	6256.8	6331.9	6407.6	6477.5	6547.9	6657.5	6767.6	6909.8	7106.4
6426.7	15°	6506.4	6586.0	6605.6	6625.2	6615.7	6606.2	6658.6	6711.2	6825.1	7042.9
6802.6	17.5°	6866.6	6930.9	6869.8	6808.4	6693.0	6577.6	6558.5	6539.2	6609.3	6865.6
7036.8	20°	7066.7	7096.4	6968.0	6839.6	6639.0	6438.6	6348.6	6258.6	6277.1	6575.5
7034.2	22.5°	7016.4	6998.4	6831.4	6664.4	6435.2	6206.5	6073.3	5940.2	5903.9	6243.5
6801.2	25°	6740.1	6678.7	6514.3	6349.9	6144.0	5938.3	5784.8	5631.3	5533.4	5881.4
6396.3	27.5°	6327.7	6259.4	6127.6	5995.8	5826.9	5657.8	5509.5	5361.3	5242.2	5559.0
5970.1	30°	5914.5	5858.9	5749.4	5640.0	5499.7	5359.5	5241.4	5123.9	5030.5	5296.5
5612.8	32.5°	5550.8	5489.2	5384.1	5279.3	5167.0	5055.1	4985.5	4915.8	4874.3	5088.7
5284.6	35°	5210.4	5136.3	5032.3	4928.5	4843.3	4757.8	4738.5	4719.4	4736.6	4915.3
4984.1	37.5°	4892.5	4801.0	4697.2	4593.7	4532.6	4471.2	4492.3	4513.5	4576.5	4732.7
4691.6	40°	4586.0	4480.7	4380.6	4280.6	4236.4	4192.2	4240.1	4288.0	4384.6	4526.2
4411.1	42.5°	4297.3	4183.4	4088.4	3993.7	3957.4	3921.4	3984.9	4048.4	4170.2	4300.7
4163.6	45°	4045.5	3927.5	3837.5	3747.5	3716.8	3686.6	3748.3	3810.2	3928.0	4060.4
3959.8	47.5°	3843.3	3726.8	3639.0	3550.8	3522.5	3493.9	3545.8	3597.7	3699.1	3869.8
3782.4	50°	3678.1	3573.9	3491.0	3407.9	3363.2	3318.7	3364.5	3410.5	3528.3	3752.8
3660.7	52.5°	3563.3	3466.1	3390.2	3313.9	3247.2	3180.3	3225.5	3271.0	3435.7	3693.8
3577.3	55°	3492.3	3407.1	3325.0	3243.0	3148.2	3053.2	3124.9	3196.9	3445.0	3685.0
3508.5	57.5°	3424.0	3339.9	3243.5	3147.2	3045.0	2942.8	3047.7	3152.5	3454.2	3666.0
3410.5	60°	3324.8	3239.3	3128.6	3018.0	2928.5	2838.8	2974.9	3110.6	3425.1	3564.9
3276.9	62.5°	3185.6	3094.2	2965.1	2836.2	2779.3	2722.3	2892.0	3061.9	3353.6	3370.8
3092.9	65°	3005.6	2918.2	2779.8	2641.6	2619.9	2597.9	2778.7	2959.2	3181.6	3179.5
2882.5	67.5°	2799.9	2717.1	2589.2	2461.6	2468.5	2475.4	2625.7	2776.1	2901.0	2906.8
2649.6	70°	2578.1	2506.6	2394.4	2282.2	2306.0	2329.8	2436.7	2543.7	2584.7	2584.7
2374.3	72.5°	2309.7	2245.1	2157.0	2068.6	2103.2	2138.2	2211.5	2284.8	2284.3	2258.3
2059.3	75°	2000.8	1942.3	1876.7	1811.0	1844.6	1878.0	1934.6	1991.0	2001.1	1881.4
1745.6	77.5°	1695.3	1645.1	1591.9	1538.4	1572.3	1606.1	1651.4	1696.7	1702.0	1504.8
1401.5	80°	1359.2	1316.8	1272.6	1228.2	1256.8	1285.1	1323.2	1361.0	1361.8	1126.3
886.7	82.5°	901.5	916.4	920.1	923.8	943.9	964.0	982.5	1001.1	989.9	788.8
453.9	85°	495.0	536.0	555.3	574.4	596.9	619.4	639.2	659.1	644.5	495.0
202.5	87.5°	234.0	265.2	266.0	266.8	271.0	275.3	283.2	291.2	272.6	210.4
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: P954815  
 CATALOG NUMBER: GALN-SB7D-950-U-SLL

**CANDELA DISTRIBUTION (continued):**

325°		330°	335°	340°	345°	350°	355°	360°
6897.8	0°	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8	6897.8
7003.2	2.5°	7061.4	7122.3	7183.2	7243.5	7304.1	7361.1	7418.0
7104.3	5°	7222.1	7348.1	7474.3	7599.5	7725.0	7850.7	7976.5
7202.0	7.5°	7366.3	7553.0	7739.6	7931.2	8122.8	8330.1	8537.6
7289.1	10°	7483.3	7710.2	7936.8	8189.8	8443.1	8705.4	8967.7
7326.4	12.5°	7546.3	7813.7	8081.0	8367.9	8654.9	8942.8	9231.1
7297.5	15°	7552.2	7860.0	8167.8	8479.1	8790.4	9090.8	9391.2
7171.8	17.5°	7478.0	7835.4	8192.7	8532.3	8871.9	9176.6	9481.2
6955.0	20°	7334.6	7767.6	8200.7	8573.9	8947.1	9263.9	9580.5
6700.6	22.5°	7157.8	7684.5	8211.2	8630.0	9048.5	9372.2	9695.6
6416.6	25°	6952.1	7602.5	8253.1	8731.6	9209.9	9526.8	9843.9
6157.0	27.5°	6754.9	7547.7	8340.4	8890.4	9440.2	9742.7	10045.0
5939.9	30°	6583.4	7522.0	8460.1	9096.1	9732.2	10024.1	10316.3
5752.8	32.5°	6416.6	7490.2	8563.3	9310.8	10058.3	10347.3	10636.6
5568.8	35°	6222.4	7430.4	8639.0	9555.3	10471.7	10748.8	11025.7
5352.3	37.5°	5972.0	7328.0	8684.0	9829.3	10974.6	11327.7	11680.8
5094.0	40°	5661.7	7186.9	8712.3	10177.1	11641.6	12156.2	12670.8
4808.9	42.5°	5317.1	7041.3	8766.0	10632.1	12498.2	13240.9	13983.6
4506.1	45°	4951.8	6906.0	8860.5	11230.8	13601.1	14603.0	15604.9
4266.6	47.5°	4663.3	6794.4	8925.4	11868.7	14812.1	16222.4	17632.4
4107.5	50°	4462.2	6672.6	8883.0	12460.6	16038.2	18164.1	20289.9
4002.7	52.5°	4311.8	6466.9	8622.3	12844.9	17067.3	20203.9	23340.4
3926.7	55°	4168.4	6126.0	8083.7	12760.2	17436.5	22012.2	26588.2
3836.7	57.5°	4007.4	5645.3	7283.0	12164.1	17045.6	23293.9	29542.1
3699.1	60°	3833.3	5021.2	6209.1	11054.8	15900.5	23614.1	31327.5
3459.8	62.5°	3549.0	4274.2	4999.5	9554.8	14110.1	22265.5	30420.9
3221.6	65°	3263.6	3602.2	3940.7	8024.4	12108.3	20357.4	28606.5
2883.5	67.5°	2860.0	2956.3	3052.4	6525.2	9997.9	18086.6	26175.3
2475.9	70°	2366.9	2339.6	2312.1	5137.7	7963.2	15608.8	23254.4
2104.0	72.5°	1949.4	1866.3	1783.5	3927.7	6072.0	12922.7	19773.7
1708.3	75°	1535.2	1460.0	1384.9	2850.7	4316.6	9843.6	15370.6
1336.7	77.5°	1168.6	1117.3	1066.2	1931.7	2797.3	6889.6	10982.0
984.1	80°	841.7	820.5	799.4	1244.6	1690.1	4438.9	7187.7
684.0	82.5°	579.1	574.9	571.2	765.5	960.3	2569.1	4178.1
418.2	85°	341.5	343.6	345.4	409.2	473.3	1155.6	1838.3
178.9	87.5°	147.7	149.6	151.4	169.7	187.9	378.5	569.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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