

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: P956222

Luminaire Tested: **GALN-SB8D-940-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P956222  
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-SB8D-940-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(8) 90 CRI, 4000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

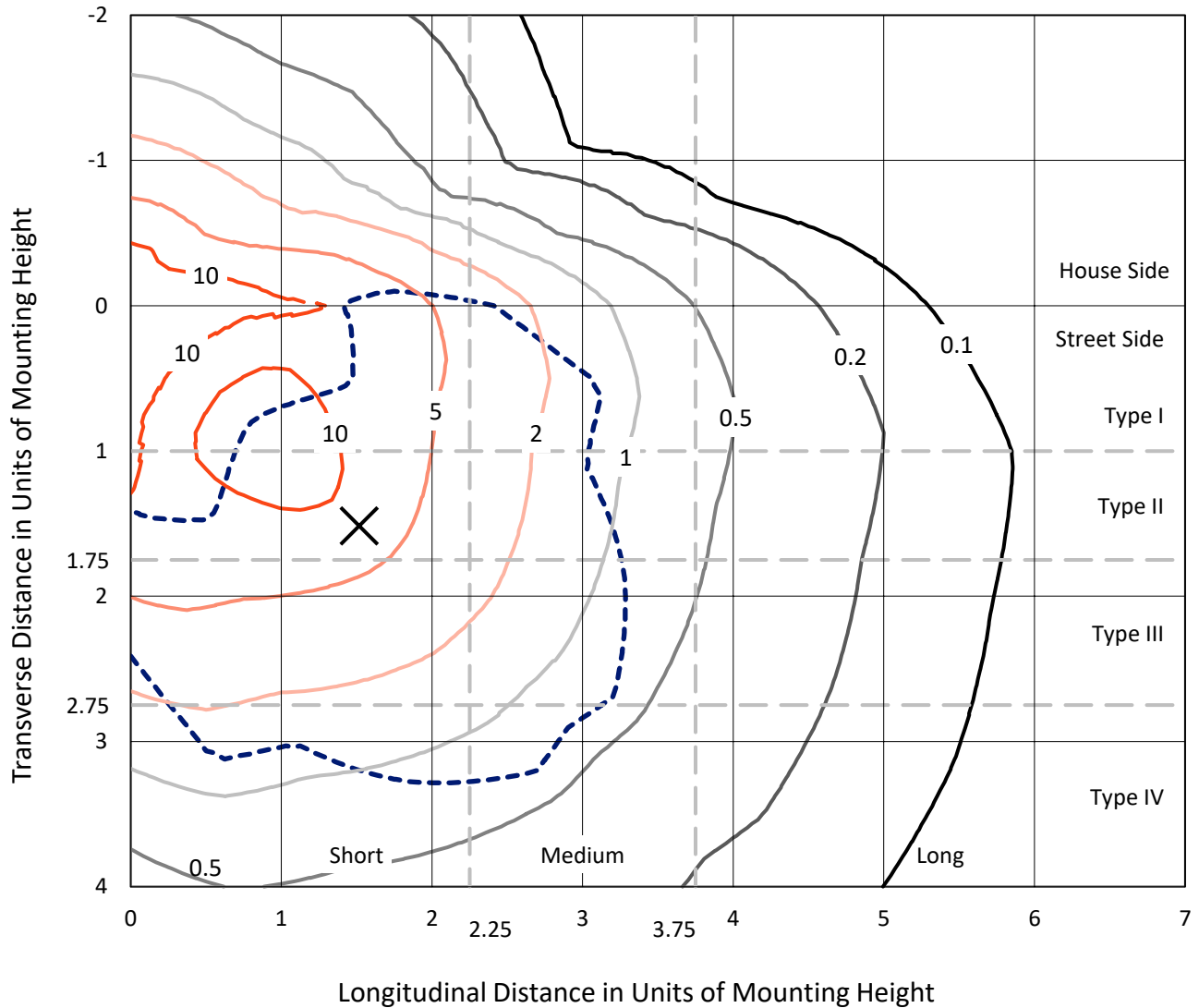
Lumens per Lamp: N/A  
Luminaire Lumens: 59413 lumens  
Efficiency: N/A  
Efficacy: 101.6 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B4 - U0 - G5  
  
Input Watts (W): 584.9  
Input Voltage (V): NR  
Input Current (Ain): 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

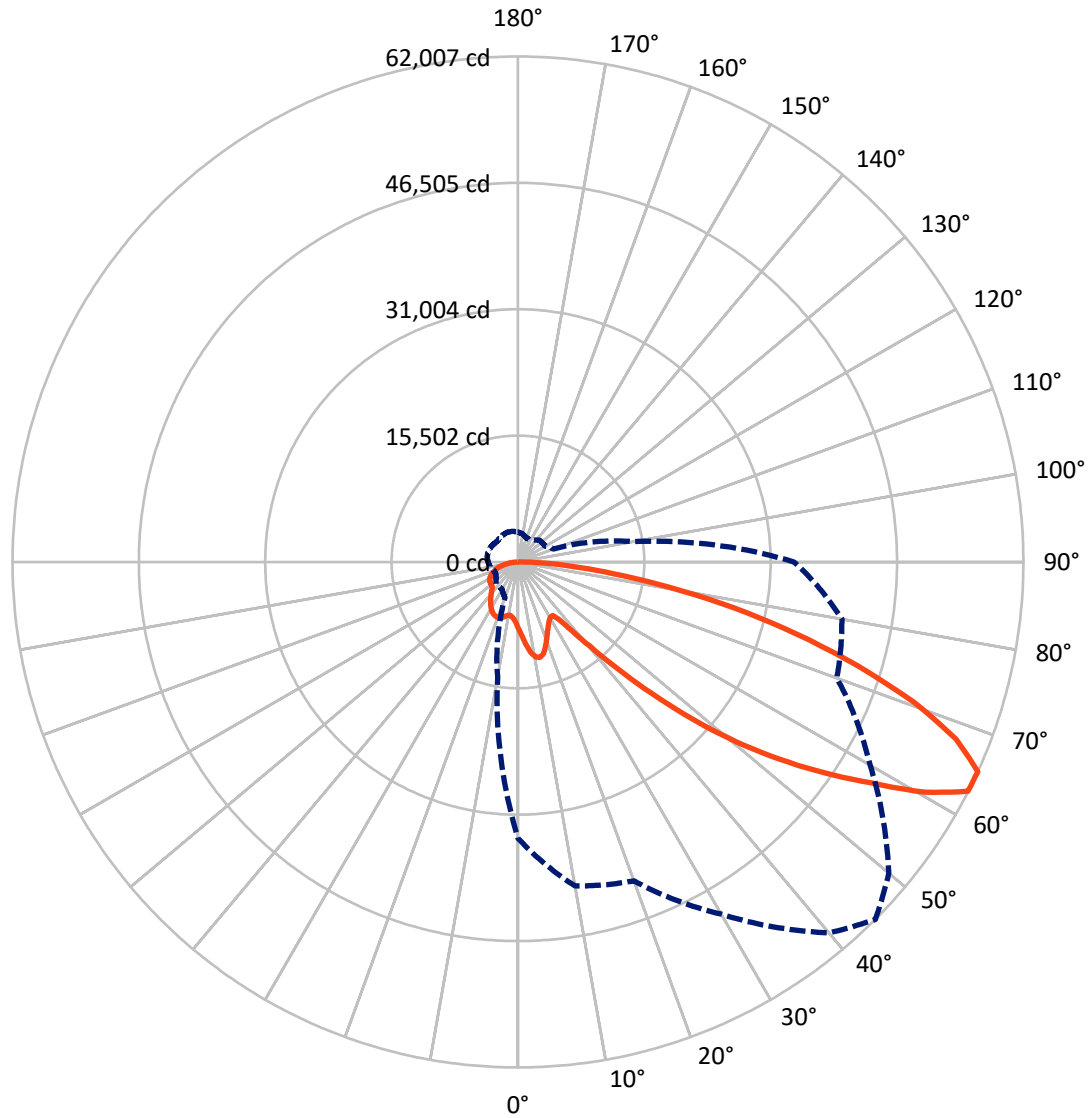
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 18.1 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	15099.8	0.0	15099.8
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	44313.2	0.0	44313.2
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	59413.0	0.0	59413.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	810.4	1.4
10°-20°	2544.1	4.3
20°-30°	3929.8	6.6
30°-40°	4980.0	8.4
40°-50°	7511.2	12.6
50°-60°	12135.4	20.4
60°-70°	15128.7	25.5
70°-80°	9920.7	16.7
80°-90°	2452.6	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°	59413.0	100.0
0°-180°	59413.0	100.0



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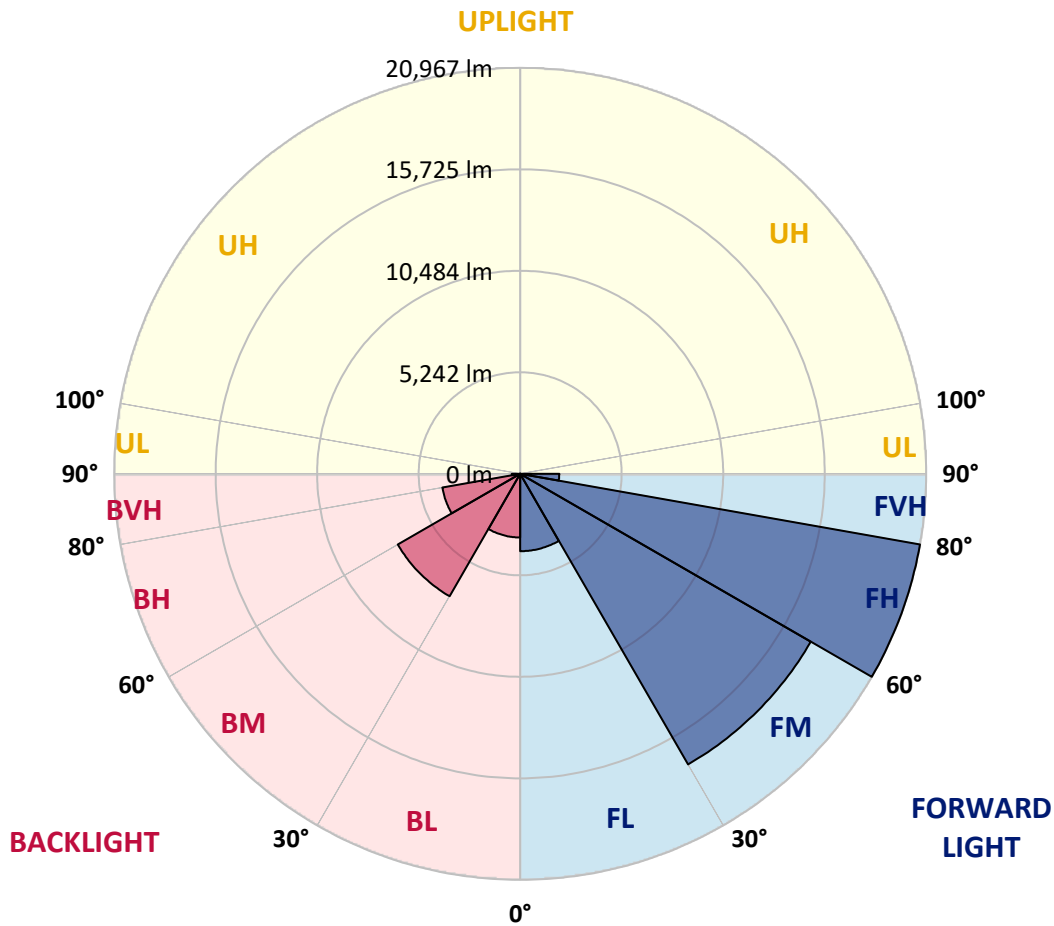
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3996.2	6.7			
FM (30°-60°)	17329.5	29.2			
FH (60°-80°)	20967.1	35.3			G5
FVH (80°-90°)	2020.4	3.4			G5
BL (0°-30°)	3288.2	5.5	B4/5000		
BM (30°-60°)	7297.1	12.3	B4/8500		
BH (60°-80°)	4082.3	6.9	B4/5000		G4/5000
BVH (80°-90°)	432.2	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°	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8
2.5°	8785.8	8819.1	8852.6	8899.9	8947.3	8975.5	9003.7	9017.8	9031.9	9025.7
5°	9447.3	9563.6	9680.2	9795.6	9911.3	9974.0	10036.7	10074.6	10112.9	10141.7
7.5°	10111.9	10301.3	10490.3	10660.6	10830.8	10933.3	11035.8	11091.3	11146.5	11173.1
10°	10621.4	10845.2	11069.0	11268.7	11468.4	11589.5	11709.8	11763.8	11817.4	11837.7
12.5°	10933.3	11175.9	11418.3	11598.9	11778.8	11866.6	11954.4	11983.8	12013.3	12016.4
15°	11123.0	11332.4	11541.5	11654.7	11768.1	11771.3	11774.4	11743.1	11711.7	11674.7
17.5°	11229.6	11370.9	11512.3	11514.5	11516.4	11389.4	11262.5	11146.2	11029.5	10947.4
20°	11347.1	11396.3	11445.9	11297.0	11148.0	10867.8	10587.5	10383.4	10179.3	10053.9
22.5°	11483.5	11418.9	11354.3	11045.8	10737.4	10325.1	9912.9	9657.7	9402.5	9263.9
25°	11659.0	11455.3	11251.5	10783.1	10314.8	9814.1	9313.4	9045.1	8777.4	8646.3
27.5°	11897.3	11533.0	11168.4	10548.0	9927.9	9373.0	8818.1	8554.1	8290.5	8166.7
30°	12218.6	11675.4	11132.4	10368.7	9605.0	9026.9	8448.8	8204.0	7959.1	7843.8
32.5°	12598.0	11854.0	11110.4	10246.4	9382.4	8839.1	8295.8	8103.7	7911.2	7828.1
35°	13058.8	12148.4	11238.3	10338.0	9437.9	9060.5	8683.3	8638.5	8593.7	8586.8
37.5°	13834.7	12763.8	11692.9	10874.7	10056.4	10032.0	10007.5	10212.6	10417.6	10524.2
40°	15007.2	13842.6	12677.9	12069.4	11460.9	11890.4	12319.9	12818.4	13316.8	13565.1
42.5°	16562.2	15406.6	14251.1	13900.6	13550.1	14486.8	15423.6	16330.2	17236.8	17769.2
45°	18482.4	17444.4	16406.1	16251.5	16096.6	17597.4	19098.4	20588.1	22078.2	22982.7
47.5°	20883.8	19874.0	18863.9	18832.5	18801.2	20966.2	23130.6	25311.6	27492.3	28773.0
50°	24031.3	22783.9	21536.8	21542.1	21547.5	24337.6	27127.7	30006.6	32885.5	34626.0
52.5°	27644.4	26134.0	24623.8	24471.2	24318.2	27651.0	30983.8	34545.8	38107.4	40193.8
55°	31491.0	29998.8	28506.5	27911.2	27315.8	31025.2	34734.2	38980.5	43226.9	45708.2
57.5°	34989.7	34177.1	33364.2	32170.1	30976.3	34721.6	38467.0	43276.7	48086.1	51163.1
60°	37104.2	38366.4	39628.9	38146.0	36663.1	40207.6	43752.0	48901.5	54051.1	57376.7
62.5°	36030.5	39479.3	42928.1	42761.0	42593.6	45840.5	49087.8	53987.1	58886.2	61960.1
65°	33881.5	37118.4	40355.2	40995.7	41635.9	45762.2	49888.8	54639.5	59390.0	62007.1
67.5°	31002.0	34080.5	37159.1	37459.4	37759.5	42058.8	46357.8	51129.0	55900.1	57950.4
70°	27542.5	30891.0	34239.8	34374.0	34508.5	38353.2	42197.7	46303.6	50409.2	51548.7
72.5°	23420.0	27262.6	31105.4	31202.0	31298.2	34306.3	37314.3	40389.4	43464.2	43579.6
75°	18204.9	22182.0	26159.0	26516.1	26873.2	29213.5	31553.7	33718.4	35883.2	35303.2
77.5°	13007.1	16719.6	20432.3	20943.3	21454.3	23233.5	25012.6	26547.8	28083.3	27086.4
80°	8513.1	11636.5	14759.6	15394.7	16029.9	17373.5	18716.6	19522.9	20328.9	18725.3
82.5°	4948.6	7083.8	9219.4	9928.8	10638.6	11563.4	12488.3	12824.6	13160.7	11900.4
85°	2177.3	3310.6	4443.9	5047.3	5650.8	6410.8	7170.4	7361.3	7552.2	6542.7
87.5°	674.0	1054.9	1435.8	1772.5	2109.2	2489.2	2869.1	2885.5	2901.4	2435.9
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°
8169.8	0°	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8
9031.9	2.5°	9017.8	9003.7	8975.5	8947.3	8899.9	8852.6	8819.1	8785.8	8718.4	8651.0
10112.9	5°	10074.6	10036.7	9974.0	9911.3	9795.6	9680.2	9563.6	9447.3	9298.4	9149.5
11146.5	7.5°	11091.3	11035.8	10933.3	10830.8	10660.6	10490.3	10301.3	10111.9	9866.1	9620.7
11817.4	10°	11763.8	11709.8	11589.5	11468.4	11268.7	11069.0	10845.2	10621.4	10310.7	10000.0
12013.3	12.5°	11983.8	11954.4	11866.6	11778.8	11598.9	11418.3	11175.9	10933.3	10591.9	10250.8
11711.7	15°	11743.1	11774.4	11771.3	11768.1	11654.7	11541.5	11332.4	11123.0	10767.1	10411.3
11029.5	17.5°	11146.2	11262.5	11389.4	11516.4	11514.5	11512.3	11370.9	11229.6	10868.7	10507.9
10179.3	20°	10383.4	10587.5	10867.8	11148.0	11297.0	11445.9	11396.3	11347.1	10972.2	10596.9
9402.5	22.5°	9657.7	9912.9	10325.1	10737.4	11045.8	11354.3	11418.9	11483.5	11100.4	10717.0
8777.4	25°	9045.1	9313.4	9814.1	10314.8	10783.1	11251.5	11455.3	11659.0	11283.5	10908.2
8290.5	27.5°	8554.1	8818.1	9373.0	9927.9	10548.0	11168.4	11533.0	11897.3	11539.3	11181.0
7959.1	30°	8204.0	8448.8	9026.9	9605.0	10368.7	11132.4	11675.4	12218.6	11872.5	11526.8
7911.2	32.5°	8103.7	8295.8	8839.1	9382.4	10246.4	11110.4	11854.0	12598.0	12255.3	11913.0
8593.7	35°	8638.5	8683.3	9060.5	9437.9	10338.0	11238.3	12148.4	13058.8	12730.9	12402.7
10417.6	37.5°	10212.6	10007.5	10032.0	10056.4	10874.7	11692.9	12763.8	13834.7	13416.5	12998.3
13316.8	40°	12818.4	12319.9	11890.4	11460.9	12069.4	12677.9	13842.6	15007.2	14397.8	13788.3
17236.8	42.5°	16330.2	15423.6	14486.8	13550.1	13900.6	14251.1	15406.6	16562.2	15682.5	14802.8
22078.2	45°	20588.1	19098.4	17597.4	16096.6	16251.5	16406.1	17444.4	18482.4	17295.8	16109.2
27492.3	47.5°	25311.6	23130.6	20966.2	18801.2	18832.5	18863.9	19874.0	20883.8	19213.8	17543.4
32885.5	50°	30006.6	27127.7	24337.6	21547.5	21542.1	21536.8	22783.9	24031.3	21513.6	18995.6
38107.4	52.5°	34545.8	30983.8	27651.0	24318.2	24471.2	24623.8	26134.0	27644.4	23929.4	20214.5
43226.9	55°	38980.5	34734.2	31025.2	27315.8	27911.2	28506.5	29998.8	31491.0	26071.3	20651.8
48086.1	57.5°	43276.7	38467.0	34721.6	30976.3	32170.1	33364.2	34177.1	34989.7	27589.2	20188.7
54051.1	60°	48901.5	43752.0	40207.6	36663.1	38146.0	39628.9	38366.4	37104.2	27968.6	18832.5
58886.2	62.5°	53987.1	49087.8	45840.5	42593.6	42761.0	42928.1	39479.3	36030.5	26371.3	16712.0
59390.0	65°	54639.5	49888.8	45762.2	41635.9	40995.7	40355.2	37118.4	33881.5	24111.3	14341.0
55900.1	67.5°	51129.0	46357.8	42058.8	37759.5	37459.4	37159.1	34080.5	31002.0	21421.7	11841.5
50409.2	70°	46303.6	42197.7	38353.2	34508.5	34374.0	34239.8	30891.0	27542.5	18487.1	9431.6
43464.2	72.5°	40389.4	37314.3	34306.3	31298.2	31202.0	31105.4	27262.6	23420.0	15305.7	7191.7
35883.2	75°	33718.4	31553.7	29213.5	26873.2	26516.1	26159.0	22182.0	18204.9	11658.7	5112.6
28083.3	77.5°	26547.8	25012.6	23233.5	21454.3	20943.3	20432.3	16719.6	13007.1	8160.1	3313.1
20328.9	80°	19522.9	18716.6	17373.5	16029.9	15394.7	14759.6	11636.5	8513.1	5257.4	2001.7
13160.7	82.5°	12824.6	12488.3	11563.4	10638.6	9928.8	9219.4	7083.8	4948.6	3042.8	1137.4
7552.2	85°	7361.3	7170.4	6410.8	5650.8	5047.3	4443.9	3310.6	2177.3	1368.7	560.5
2901.4	87.5°	2885.5	2869.1	2489.2	2109.2	1772.5	1435.8	1054.9	674.0	448.3	222.6
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°
8169.8	0°	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8
8579.2	2.5°	8507.8	8435.6	8363.5	8294.6	8225.6	8158.8	8084.5	8024.3	7964.5	7910.2
9000.9	5°	8852.6	8703.1	8553.8	8414.3	8274.8	8143.2	8013.0	7899.6	7785.8	7690.5
9393.7	7.5°	9166.7	8945.7	8724.7	8530.0	8335.3	8155.7	7987.3	7836.2	7685.4	7560.0
9700.0	10°	9400.3	9131.9	8863.3	8633.2	8402.4	8180.8	7999.9	7840.6	7681.4	7556.0
9911.0	12.5°	9571.1	9254.5	8937.9	8677.4	8416.8	8183.9	8015.6	7885.1	7755.4	7672.0
10042.6	15°	9674.0	9309.4	8944.8	8643.2	8341.6	8083.6	7948.8	7886.4	7824.3	7835.6
10105.7	17.5°	9703.4	9280.2	8857.0	8494.3	8131.6	7828.1	7745.0	7767.9	7790.5	7927.2
10154.9	20°	9712.8	9200.0	8687.1	8237.5	7788.0	7434.6	7412.7	7519.3	7625.9	7863.2
10221.3	22.5°	9725.4	9101.5	8477.7	7936.2	7394.8	6992.6	7035.6	7193.2	7350.9	7621.8
10341.7	25°	9774.9	9004.3	8234.1	7599.9	6966.0	6553.7	6669.7	6851.5	7033.4	7277.0
10529.8	27.5°	9878.4	8939.4	8000.5	7292.3	6584.1	6208.9	6349.9	6525.5	6701.1	6901.4
10773.4	30°	10020.1	8909.0	7797.4	7035.2	6273.1	5958.1	6068.7	6207.9	6347.7	6513.9
11027.7	32.5°	10142.3	8871.4	7599.9	6813.6	6027.0	5773.1	5822.3	5904.8	5987.2	6119.8
11317.3	35°	10232.0	8800.6	7369.7	6595.7	5821.7	5610.1	5589.7	5612.3	5635.2	5736.4
11641.8	37.5°	10285.3	8679.2	7073.2	6339.3	5605.4	5420.4	5345.8	5320.7	5295.6	5368.4
12053.7	40°	10318.8	8512.1	6705.8	6033.3	5360.8	5193.1	5078.7	5021.9	4965.2	5017.6
12592.7	42.5°	10382.5	8339.7	6297.6	5695.7	5093.7	4939.2	4795.0	4719.7	4644.5	4687.1
13301.8	45°	10494.4	8179.5	5865.0	5337.0	4809.1	4652.3	4512.8	4439.5	4366.4	4402.2
14057.3	47.5°	10571.2	8047.2	5523.2	5053.3	4583.4	4381.2	4261.1	4199.6	4138.2	4172.1
14758.3	50°	10521.0	7903.0	5285.0	4864.9	4444.8	4178.9	4039.4	3984.9	3930.7	3983.3
15213.5	52.5°	10212.2	7659.4	5106.9	4740.7	4374.9	4069.2	3874.2	3820.3	3766.7	3846.0
15113.2	55°	9574.3	7255.6	4937.0	4650.8	4364.5	4080.2	3786.4	3701.2	3616.2	3728.8
14407.2	57.5°	8625.9	6686.3	4746.4	4544.2	4342.0	4091.2	3733.8	3609.6	3485.5	3606.5
13093.3	60°	7354.1	5947.1	4540.1	4381.2	4222.2	4056.7	3684.2	3523.4	3362.3	3468.6
11316.7	62.5°	5921.4	5062.4	4203.4	4097.8	3992.4	3972.0	3626.6	3425.3	3224.3	3291.7
9504.1	65°	4667.4	4266.4	3865.4	3815.6	3765.8	3768.3	3504.9	3291.1	3077.0	3103.0
7728.4	67.5°	3615.3	3501.5	3387.4	3415.3	3442.9	3436.0	3288.0	3109.9	2931.8	2923.7
6085.0	70°	2738.4	2771.0	2803.3	2932.5	3061.3	3061.3	3012.7	2886.1	2759.4	2731.2
4652.0	72.5°	2112.4	2210.5	2308.9	2492.0	2674.8	2705.5	2706.1	2619.3	2532.4	2491.1
3376.4	75°	1640.2	1729.3	1818.3	2023.3	2228.4	2370.1	2358.1	2291.4	2224.3	2184.8
2287.9	77.5°	1262.8	1323.3	1384.1	1583.2	1782.2	2015.8	2009.5	1955.9	1902.3	1862.2
1474.1	80°	946.8	971.8	996.9	1165.6	1333.9	1613.0	1612.0	1567.2	1522.0	1488.5
906.6	82.5°	676.5	680.9	685.9	810.1	934.2	1172.5	1185.7	1163.7	1141.8	1117.9
484.7	85°	409.1	406.9	404.4	495.3	586.2	763.4	780.6	757.1	733.6	706.9
201.0	87.5°	179.3	177.1	174.9	211.9	249.2	322.9	344.8	335.4	326.0	321.0
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: P956222  
 CATALOG NUMBER: GALN-SB8D-940-U-SLL

**CANDELA DISTRIBUTION (continued):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
8169.8	0°	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8
7856.3	2.5°	7809.0	7761.6	7714.0	7666.6	7630.0	7593.0	7563.2	7533.4	7510.2	7487.0
7595.5	5°	7511.5	7427.4	7351.3	7274.8	7216.1	7157.2	7116.1	7075.1	7045.9	7016.7
7434.6	7.5°	7329.0	7223.0	7129.6	7036.5	6966.6	6897.0	6848.1	6799.2	6765.6	6732.4
7430.6	10°	7316.8	7202.7	7097.6	6992.6	6909.2	6825.5	6771.0	6715.8	6684.1	6652.5
7589.2	12.5°	7499.5	7410.5	7301.7	7193.2	7086.7	6980.1	6909.5	6839.0	6803.6	6768.5
7846.9	15°	7823.7	7800.5	7706.1	7611.8	7460.0	7308.3	7201.1	7093.9	7044.6	6995.7
8063.8	17.5°	8136.6	8209.0	8132.8	8056.9	7856.0	7655.0	7497.0	7339.0	7266.3	7193.2
8100.8	20°	8252.9	8404.9	8369.8	8334.4	8104.6	7875.1	7681.4	7487.9	7394.8	7301.4
7893.3	22.5°	8091.1	8288.9	8310.2	8331.3	8111.8	7892.4	7693.0	7493.3	7395.1	7296.7
7520.9	25°	7715.5	7910.2	7983.0	8055.4	7875.4	7695.8	7518.3	7341.5	7256.3	7171.3
7101.4	27.5°	7257.5	7413.6	7494.5	7575.7	7447.5	7319.6	7182.0	7044.3	6987.3	6929.9
6680.0	30°	6809.5	6939.3	7005.1	7071.0	6973.5	6875.7	6777.2	6678.2	6649.0	6619.5
6252.7	32.5°	6376.9	6501.4	6574.4	6647.8	6558.1	6468.1	6389.4	6310.7	6291.6	6272.5
5837.4	35°	5960.3	6083.5	6171.2	6259.0	6195.1	6131.4	6058.7	5986.3	5957.1	5928.3
5440.8	37.5°	5563.4	5686.3	5794.7	5903.2	5873.7	5844.3	5777.5	5710.4	5657.4	5604.7
5069.9	40°	5188.4	5306.9	5431.7	5556.8	5564.0	5570.9	5514.1	5457.4	5380.3	5303.8
4730.1	42.5°	4842.3	4954.9	5089.7	5224.5	5260.5	5296.6	5248.6	5201.0	5105.3	5009.7
4438.5	45°	4545.1	4651.7	4791.5	4931.3	4983.1	5034.8	4991.5	4948.6	4839.2	4730.1
4205.6	47.5°	4310.0	4414.1	4552.0	4690.0	4749.5	4809.1	4779.0	4748.9	4651.7	4554.5
4036.3	50°	4134.7	4232.9	4356.4	4479.9	4556.4	4632.9	4631.0	4629.8	4552.0	4474.3
3925.0	52.5°	4015.3	4105.3	4220.3	4335.7	4426.3	4516.9	4533.2	4549.5	4486.2	4422.9
3841.0	55°	3938.2	4035.4	4136.3	4236.9	4332.9	4429.1	4451.7	4474.3	4419.1	4363.9
3727.5	57.5°	3841.6	3955.7	4055.4	4155.4	4252.3	4348.9	4371.8	4394.6	4338.8	4283.0
3574.5	60°	3705.6	3836.6	3937.9	4039.4	4136.6	4233.8	4258.9	4284.0	4229.4	4175.2
3359.1	62.5°	3511.8	3664.8	3773.0	3881.1	3970.2	4059.2	4083.3	4107.5	4058.3	4009.0
3128.7	65°	3292.4	3456.3	3559.8	3663.2	3741.6	3820.0	3844.8	3869.2	3821.9	3774.5
2915.5	67.5°	3066.7	3218.1	3316.2	3414.0	3481.7	3549.4	3573.6	3597.4	3553.8	3510.6
2703.0	70°	2835.9	2968.8	3053.5	3138.1	3199.3	3260.4	3283.6	3306.8	3271.4	3235.9
2450.0	72.5°	2554.7	2659.1	2735.6	2812.1	2872.0	2931.8	2959.4	2987.0	2957.6	2928.1
2145.0	75°	2222.7	2300.5	2369.7	2439.0	2493.6	2548.1	2577.0	2605.8	2591.4	2577.0
1822.1	77.5°	1885.4	1948.4	2008.0	2067.5	2124.9	2182.0	2208.9	2235.9	2215.8	2195.1
1454.6	80°	1507.3	1559.7	1609.8	1660.0	1703.6	1746.8	1782.6	1818.3	1809.5	1801.1
1094.1	82.5°	1089.7	1085.3	1067.8	1050.2	1143.0	1235.8	1296.6	1357.5	1353.7	1349.6
680.3	85°	657.7	634.8	586.2	537.7	624.5	711.6	786.9	862.1	855.9	849.6
316.0	87.5°	315.1	314.1	277.1	239.8	276.2	312.9	343.3	373.7	366.2	358.0
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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 CATALOG NUMBER: GALN-SB8D-940-U-SLL

**CANDELA DISTRIBUTION (continued):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
8169.8	0°	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8
7465.7	2.5°	7444.0	7417.4	7444.0	7465.7	7487.0	7510.2	7533.4	7563.2	7593.0	7630.0
6994.5	5°	6972.2	6950.3	6972.2	6994.5	7016.7	7045.9	7075.1	7116.1	7157.2	7216.1
6712.3	7.5°	6692.6	6677.5	6692.6	6712.3	6732.4	6765.6	6799.2	6848.1	6897.0	6966.6
6635.5	10°	6618.6	6611.7	6618.6	6635.5	6652.5	6684.1	6715.8	6771.0	6825.5	6909.2
6754.0	12.5°	6739.6	6737.1	6739.6	6754.0	6768.5	6803.6	6839.0	6909.5	6980.1	7086.7
6976.9	15°	6958.1	6956.6	6958.1	6976.9	6995.7	7044.6	7093.9	7201.1	7308.3	7460.0
7169.4	17.5°	7145.3	7141.5	7145.3	7169.4	7193.2	7266.3	7339.0	7497.0	7655.0	7856.0
7271.6	20°	7241.8	7232.4	7241.8	7271.6	7301.4	7394.8	7487.9	7681.4	7875.1	8104.6
7263.8	22.5°	7230.9	7216.8	7230.9	7263.8	7296.7	7395.1	7493.3	7693.0	7892.4	8111.8
7140.3	25°	7109.5	7091.4	7109.5	7140.3	7171.3	7256.3	7341.5	7518.3	7695.8	7875.4
6915.8	27.5°	6901.7	6897.0	6901.7	6915.8	6929.9	6987.3	7044.3	7182.0	7319.6	7447.5
6619.5	30°	6619.5	6624.2	6619.5	6619.5	6619.5	6649.0	6678.2	6777.2	6875.7	6973.5
6275.0	32.5°	6277.8	6282.5	6277.8	6275.0	6272.5	6291.6	6310.7	6389.4	6468.1	6558.1
5922.0	35°	5915.7	5912.6	5915.7	5922.0	5928.3	5957.1	5986.3	6058.7	6131.4	6195.1
5576.8	37.5°	5548.9	5533.3	5548.9	5576.8	5604.7	5657.4	5710.4	5777.5	5844.3	5873.7
5251.7	40°	5200.3	5169.6	5200.3	5251.7	5303.8	5380.3	5457.4	5514.1	5570.9	5564.0
4934.2	42.5°	4858.6	4809.1	4858.6	4934.2	5009.7	5105.3	5201.0	5248.6	5296.6	5260.5
4641.4	45°	4552.6	4495.6	4552.6	4641.4	4730.1	4839.2	4948.6	4991.5	5034.8	4983.1
4472.4	47.5°	4390.6	4335.7	4390.6	4472.4	4554.5	4651.7	4748.9	4779.0	4809.1	4749.5
4398.4	50°	4322.5	4269.9	4322.5	4398.4	4474.3	4552.0	4629.8	4631.0	4632.9	4556.4
4354.8	52.5°	4287.1	4238.5	4287.1	4354.8	4422.9	4486.2	4549.5	4533.2	4516.9	4426.3
4304.3	55°	4244.8	4200.9	4244.8	4304.3	4363.9	4419.1	4474.3	4451.7	4429.1	4332.9
4224.1	57.5°	4164.8	4119.4	4164.8	4224.1	4283.0	4338.8	4394.6	4371.8	4348.9	4252.3
4114.4	60°	4053.5	4006.5	4053.5	4114.4	4175.2	4229.4	4284.0	4258.9	4233.8	4136.6
3945.1	62.5°	3881.1	3824.7	3881.1	3945.1	4009.0	4058.3	4107.5	4083.3	4059.2	3970.2
3712.5	65°	3650.7	3602.1	3650.7	3712.5	3774.5	3821.9	3869.2	3844.8	3820.0	3741.6
3452.9	67.5°	3395.2	3351.3	3395.2	3452.9	3510.6	3553.8	3597.4	3573.6	3549.4	3481.7
3180.8	70°	3125.6	3075.4	3125.6	3180.8	3235.9	3271.4	3306.8	3283.6	3260.4	3199.3
2875.4	72.5°	2823.1	2774.5	2823.1	2875.4	2928.1	2957.6	2987.0	2959.4	2931.8	2872.0
2532.8	75°	2488.6	2442.2	2488.6	2532.8	2577.0	2591.4	2605.8	2577.0	2548.1	2493.6
2150.6	77.5°	2106.1	2069.1	2106.1	2150.6	2195.1	2215.8	2235.9	2208.9	2182.0	2124.9
1741.2	80°	1681.0	1611.4	1681.0	1741.2	1801.1	1809.5	1818.3	1782.6	1746.8	1703.6
1299.1	82.5°	1248.4	1203.8	1248.4	1299.1	1349.6	1353.7	1357.5	1296.6	1235.8	1143.0
810.1	85°	770.6	730.5	770.6	810.1	849.6	855.9	862.1	786.9	711.6	624.5
338.0	87.5°	317.3	297.8	317.3	338.0	358.0	366.2	373.7	343.3	312.9	276.2
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-SB8D-940-U-SLL

**CANDELA DISTRIBUTION (continued):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
8169.8	0°	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8
7666.6	2.5°	7714.0	7761.6	7809.0	7856.3	7910.2	7964.5	8024.3	8084.5	8158.8	8225.6
7274.8	5°	7351.3	7427.4	7511.5	7595.5	7690.5	7785.8	7899.6	8013.0	8143.2	8274.8
7036.5	7.5°	7129.6	7223.0	7329.0	7434.6	7560.0	7685.4	7836.2	7987.3	8155.7	8335.3
6992.6	10°	7097.6	7202.7	7316.8	7430.6	7556.0	7681.4	7840.6	7999.9	8180.8	8402.4
7193.2	12.5°	7301.7	7410.5	7499.5	7589.2	7672.0	7755.4	7885.1	8015.6	8183.9	8416.8
7611.8	15°	7706.1	7800.5	7823.7	7846.9	7835.6	7824.3	7886.4	7948.8	8083.6	8341.6
8056.9	17.5°	8132.8	8209.0	8136.6	8063.8	7927.2	7790.5	7767.9	7745.0	7828.1	8131.6
8334.4	20°	8369.8	8404.9	8252.9	8100.8	7863.2	7625.9	7519.3	7412.7	7434.6	7788.0
8331.3	22.5°	8310.2	8288.9	8091.1	7893.3	7621.8	7350.9	7193.2	7035.6	6992.6	7394.8
8055.4	25°	7983.0	7910.2	7715.5	7520.9	7277.0	7033.4	6851.5	6669.7	6553.7	6966.0
7575.7	27.5°	7494.5	7413.6	7257.5	7101.4	6901.4	6701.1	6525.5	6349.9	6208.9	6584.1
7071.0	30°	7005.1	6939.3	6809.5	6680.0	6513.9	6347.7	6207.9	6068.7	5958.1	6273.1
6647.8	32.5°	6574.4	6501.4	6376.9	6252.7	6119.8	5987.2	5904.8	5822.3	5773.1	6027.0
6259.0	35°	6171.2	6083.5	5960.3	5837.4	5736.4	5635.2	5612.3	5589.7	5610.1	5821.7
5903.2	37.5°	5794.7	5686.3	5563.4	5440.8	5368.4	5295.6	5320.7	5345.8	5420.4	5605.4
5556.8	40°	5431.7	5306.9	5188.4	5069.9	5017.6	4965.2	5021.9	5078.7	5193.1	5360.8
5224.5	42.5°	5089.7	4954.9	4842.3	4730.1	4687.1	4644.5	4719.7	4795.0	4939.2	5093.7
4931.3	45°	4791.5	4651.7	4545.1	4438.5	4402.2	4366.4	4439.5	4512.8	4652.3	4809.1
4690.0	47.5°	4552.0	4414.1	4310.0	4205.6	4172.1	4138.2	4199.6	4261.1	4381.2	4583.4
4479.9	50°	4356.4	4232.9	4134.7	4036.3	3983.3	3930.7	3984.9	4039.4	4178.9	4444.8
4335.7	52.5°	4220.3	4105.3	4015.3	3925.0	3846.0	3766.7	3820.3	3874.2	4069.2	4374.9
4236.9	55°	4136.3	4035.4	3938.2	3841.0	3728.8	3616.2	3701.2	3786.4	4080.2	4364.5
4155.4	57.5°	4055.4	3955.7	3841.6	3727.5	3606.5	3485.5	3609.6	3733.8	4091.2	4342.0
4039.4	60°	3937.9	3836.6	3705.6	3574.5	3468.6	3362.3	3523.4	3684.2	4056.7	4222.2
3881.1	62.5°	3773.0	3664.8	3511.8	3359.1	3291.7	3224.3	3425.3	3626.6	3972.0	3992.4
3663.2	65°	3559.8	3456.3	3292.4	3128.7	3103.0	3077.0	3291.1	3504.9	3768.3	3765.8
3414.0	67.5°	3316.2	3218.1	3066.7	2915.5	2923.7	2931.8	3109.9	3288.0	3436.0	3442.9
3138.1	70°	3053.5	2968.8	2835.9	2703.0	2731.2	2759.4	2886.1	3012.7	3061.3	3061.3
2812.1	72.5°	2735.6	2659.1	2554.7	2450.0	2491.1	2532.4	2619.3	2706.1	2705.5	2674.8
2439.0	75°	2369.7	2300.5	2222.7	2145.0	2184.8	2224.3	2291.4	2358.1	2370.1	2228.4
2067.5	77.5°	2008.0	1948.4	1885.4	1822.1	1862.2	1902.3	1955.9	2009.5	2015.8	1782.2
1660.0	80°	1609.8	1559.7	1507.3	1454.6	1488.5	1522.0	1567.2	1612.0	1613.0	1333.9
1050.2	82.5°	1067.8	1085.3	1089.7	1094.1	1117.9	1141.8	1163.7	1185.7	1172.5	934.2
537.7	85°	586.2	634.8	657.7	680.3	706.9	733.6	757.1	780.6	763.4	586.2
239.8	87.5°	277.1	314.1	315.1	316.0	321.0	326.0	335.4	344.8	322.9	249.2
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: P956222  
 CATALOG NUMBER: GALN-SB8D-940-U-SLL

**CANDELA DISTRIBUTION (continued):**

325°		330°	335°	340°	345°	350°	355°	360°
8169.8	0°	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8	8169.8
8294.6	2.5°	8363.5	8435.6	8507.8	8579.2	8651.0	8718.4	8785.8
8414.3	5°	8553.8	8703.1	8852.6	9000.9	9149.5	9298.4	9447.3
8530.0	7.5°	8724.7	8945.7	9166.7	9393.7	9620.7	9866.1	10111.9
8633.2	10°	8863.3	9131.9	9400.3	9700.0	10000.0	10310.7	10621.4
8677.4	12.5°	8937.9	9254.5	9571.1	9911.0	10250.8	10591.9	10933.3
8643.2	15°	8944.8	9309.4	9674.0	10042.6	10411.3	10767.1	11123.0
8494.3	17.5°	8857.0	9280.2	9703.4	10105.7	10507.9	10868.7	11229.6
8237.5	20°	8687.1	9200.0	9712.8	10154.9	10596.9	10972.2	11347.1
7936.2	22.5°	8477.7	9101.5	9725.4	10221.3	10717.0	11100.4	11483.5
7599.9	25°	8234.1	9004.3	9774.9	10341.7	10908.2	11283.5	11659.0
7292.3	27.5°	8000.5	8939.4	9878.4	10529.8	11181.0	11539.3	11897.3
7035.2	30°	7797.4	8909.0	10020.1	10773.4	11526.8	11872.5	12218.6
6813.6	32.5°	7599.9	8871.4	10142.3	11027.7	11913.0	12255.3	12598.0
6595.7	35°	7369.7	8800.6	10232.0	11317.3	12402.7	12730.9	13058.8
6339.3	37.5°	7073.2	8679.2	10285.3	11641.8	12998.3	13416.5	13834.7
6033.3	40°	6705.8	8512.1	10318.8	12053.7	13788.3	14397.8	15007.2
5695.7	42.5°	6297.6	8339.7	10382.5	12592.7	14802.8	15682.5	16562.2
5337.0	45°	5865.0	8179.5	10494.4	13301.8	16109.2	17295.8	18482.4
5053.3	47.5°	5523.2	8047.2	10571.2	14057.3	17543.4	19213.8	20883.8
4864.9	50°	5285.0	7903.0	10521.0	14758.3	18995.6	21513.6	24031.3
4740.7	52.5°	5106.9	7659.4	10212.2	15213.5	20214.5	23929.4	27644.4
4650.8	55°	4937.0	7255.6	9574.3	15113.2	20651.8	26071.3	31491.0
4544.2	57.5°	4746.4	6686.3	8625.9	14407.2	20188.7	27589.2	34989.7
4381.2	60°	4540.1	5947.1	7354.1	13093.3	18832.5	27968.6	37104.2
4097.8	62.5°	4203.4	5062.4	5921.4	11316.7	16712.0	26371.3	36030.5
3815.6	65°	3865.4	4266.4	4667.4	9504.1	14341.0	24111.3	33881.5
3415.3	67.5°	3387.4	3501.5	3615.3	7728.4	11841.5	21421.7	31002.0
2932.5	70°	2803.3	2771.0	2738.4	6085.0	9431.6	18487.1	27542.5
2492.0	72.5°	2308.9	2210.5	2112.4	4652.0	7191.7	15305.7	23420.0
2023.3	75°	1818.3	1729.3	1640.2	3376.4	5112.6	11658.7	18204.9
1583.2	77.5°	1384.1	1323.3	1262.8	2287.9	3313.1	8160.1	13007.1
1165.6	80°	996.9	971.8	946.8	1474.1	2001.7	5257.4	8513.1
810.1	82.5°	685.9	680.9	676.5	906.6	1137.4	3042.8	4948.6
495.3	85°	404.4	406.9	409.1	484.7	560.5	1368.7	2177.3
211.9	87.5°	174.9	177.1	179.3	201.0	222.6	448.3	674.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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