

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: P950281

Luminaire Tested: **GALN-SB4D-740-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P950281  
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-SB4D-740-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(4) 70 CRI, 4000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

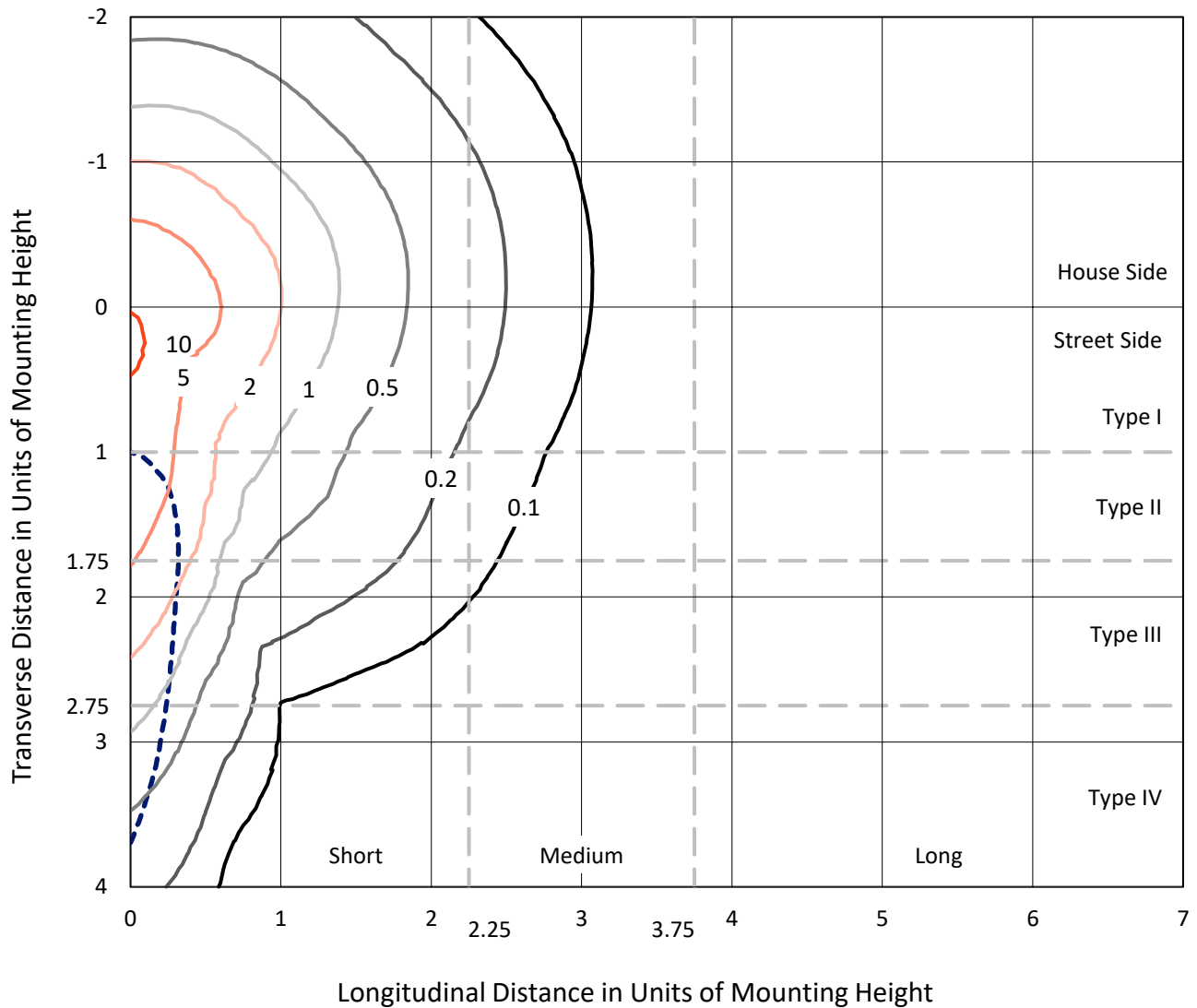
Lumens per Lamp: N/A  
Luminaire Lumens: 42993 lumens  
Efficiency: N/A  
Efficacy: 146.4 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B4 - U0 - G5  
  
Input Watts (W): 293.6  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

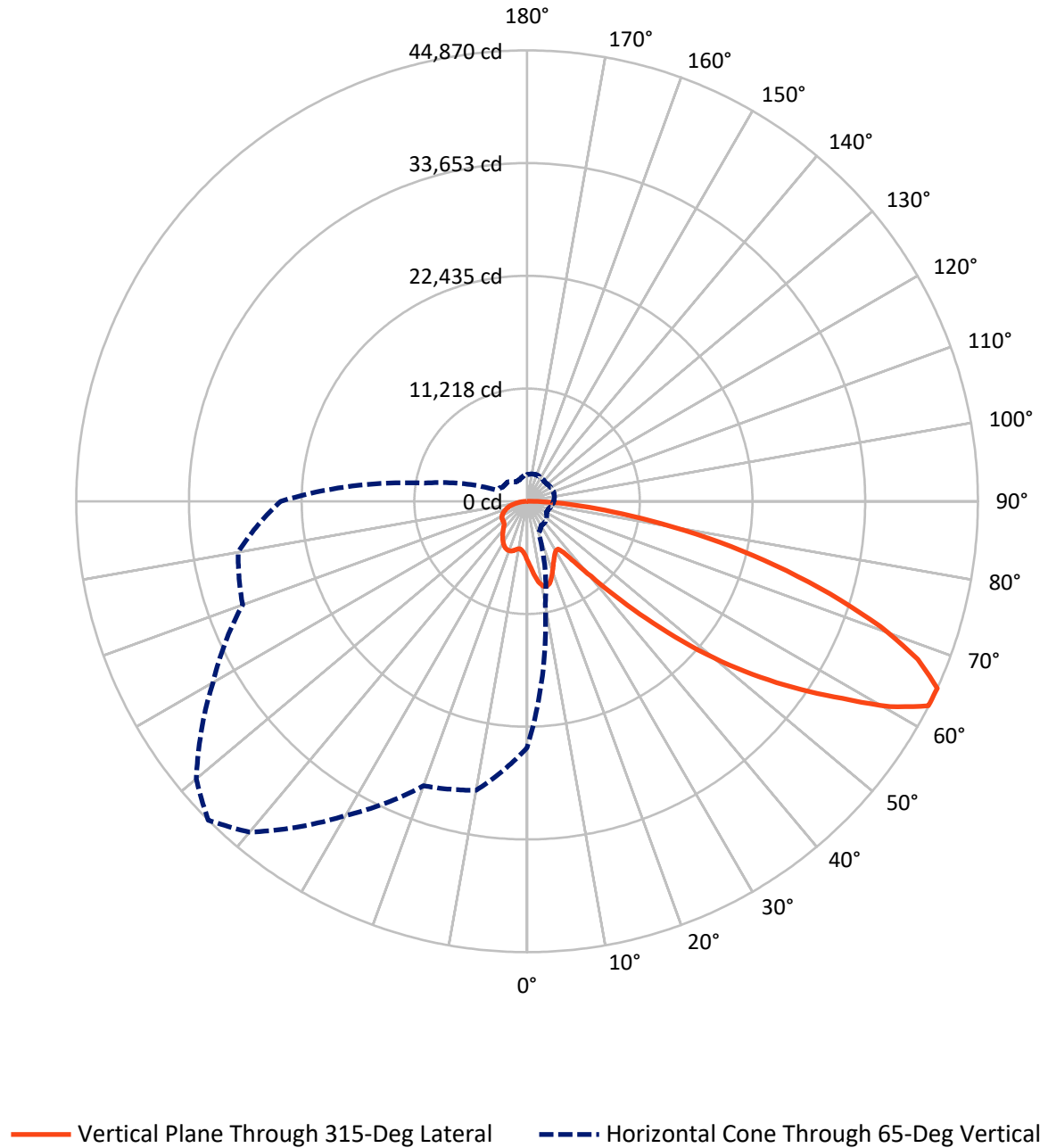
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.7 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	10926.7	0.0	10926.7
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	32066.3	0.0	32066.3
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	42993.0	0.0	42993.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	586.5	1.4
10°-20°	1841.0	4.3
20°-30°	2843.7	6.6
30°-40°	3603.7	8.4
40°-50°	5435.3	12.6
50°-60°	8781.5	20.4
60°-70°	10947.6	25.5
70°-80°	7178.9	16.7
80°-90°	1774.8	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°	42993.0	100.0
0°-180°	42993.0	100.0



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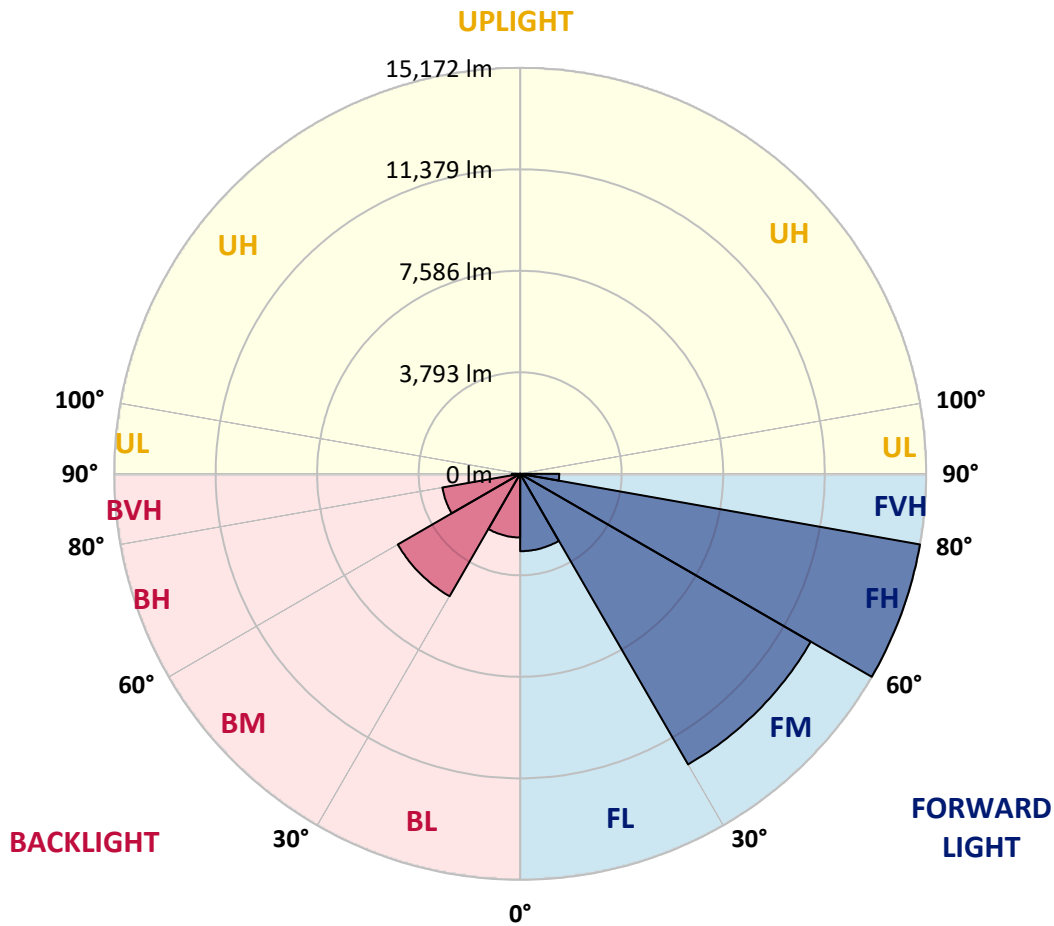
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2891.8	6.7			
FM (30°-60°)	12540.1	29.2			
FH (60°-80°)	15172.4	35.3			G5
FVH (80°-90°)	1462.0	3.4			G5
BL (0°-30°)	2379.4	5.5	B3/2500		
BM (30°-60°)	5280.4	12.3	B4/8500		
BH (60°-80°)	2954.1	6.9	B4/5000		G4/5000
BVH (80°-90°)	312.8	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°	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9
2.5°	6357.7	6308.9	6260.1	6208.2	6156.5	6104.3	6052.1	6002.2	5952.3	5904.0
5°	6836.4	6728.6	6620.8	6513.3	6406.0	6297.8	6189.8	6088.9	5987.9	5892.6
7.5°	7317.3	7139.4	6961.8	6797.6	6633.3	6473.4	6313.4	6172.6	6031.7	5901.7
10°	7685.9	7461.1	7236.3	7019.2	6802.3	6608.1	6413.7	6247.2	6080.2	5919.8
12.5°	7911.7	7664.6	7417.8	7171.9	6926.0	6696.8	6467.7	6279.2	6090.7	5922.1
15°	8048.9	7791.4	7533.9	7267.2	7000.4	6736.5	6472.7	6254.5	6036.2	5849.5
17.5°	8126.0	7864.9	7603.8	7312.8	7021.7	6715.4	6409.2	6146.7	5884.2	5664.6
20°	8211.1	7939.8	7668.2	7348.4	7028.5	6657.4	6286.2	5960.9	5635.6	5379.9
22.5°	8309.8	8032.6	7755.1	7396.5	7037.6	6586.1	6134.7	5742.9	5351.1	5060.1
25°	8436.8	8165.1	7893.5	7483.6	7073.4	6515.8	5958.4	5499.5	5040.8	4742.5
27.5°	8609.2	8350.2	8090.9	7619.7	7148.3	6468.8	5789.4	5276.9	4764.5	4492.9
30°	8841.8	8591.3	8341.1	7796.0	7250.8	6446.8	5642.4	5090.9	4539.4	4311.4
32.5°	9116.3	8868.3	8620.6	7979.9	7339.3	6419.6	5499.5	4930.5	4361.3	4177.6
35°	9449.8	9212.5	8974.9	8189.6	7404.2	6368.3	5333.0	4772.9	4212.7	4059.6
37.5°	10011.2	9708.6	9406.0	8424.4	7442.7	6280.6	5118.4	4587.3	4056.2	3922.4
40°	10859.7	10418.7	9977.6	8722.4	7467.0	6159.6	4852.5	4365.9	3879.3	3757.9
42.5°	11984.9	11348.3	10711.8	9112.4	7513.1	6034.9	4557.1	4121.5	3686.0	3574.1
45°	13374.4	12515.7	11657.1	9625.6	7594.1	5918.9	4244.1	3862.0	3480.0	3366.6
47.5°	15112.1	13903.6	12694.9	10172.3	7649.6	5823.2	3996.8	3656.7	3316.7	3170.3
50°	17389.8	15567.9	13745.8	10679.5	7613.3	5718.9	3824.4	3520.4	3216.4	3024.0
52.5°	20004.3	17316.0	14627.8	11008.9	7389.9	5542.6	3695.5	3430.5	3165.8	2944.6
55°	22787.8	18865.9	14944.2	10936.3	6928.2	5250.4	3572.6	3365.4	3158.3	2952.6
57.5°	25319.6	19964.4	14609.2	10425.5	6242.0	4838.4	3434.6	3288.3	3142.0	2960.5
60°	26849.7	20238.9	13627.8	9474.7	5321.6	4303.5	3285.4	3170.3	3055.3	2935.5
62.5°	26072.7	19083.0	12093.3	8189.1	4284.9	3663.3	3041.7	2965.3	2889.0	2874.3
65°	24517.6	17447.6	10377.6	6877.4	3377.5	3087.3	2797.2	2761.1	2725.0	2726.8
67.5°	22433.9	15501.4	8568.9	5592.5	2616.1	2533.8	2451.2	2471.4	2491.3	2486.4
70°	19930.6	13377.8	6825.0	4403.3	1981.6	2005.2	2028.6	2122.0	2215.3	2215.3
72.5°	16947.4	11075.6	5204.1	3366.3	1528.6	1599.6	1670.8	1803.3	1935.5	1957.8
75°	13173.6	8436.6	3699.6	2443.3	1186.9	1251.3	1315.8	1464.1	1612.5	1715.0
77.5°	9412.3	5904.9	2397.4	1655.6	913.8	957.6	1001.6	1145.6	1289.7	1458.7
80°	6160.3	3804.4	1448.5	1066.7	685.1	703.3	721.4	843.5	965.3	1167.2
82.5°	3580.9	2201.9	823.0	656.1	489.6	492.7	496.4	586.2	676.0	848.4
85°	1575.5	990.5	405.6	350.7	296.0	294.5	292.6	358.4	424.2	552.4
87.5°	487.7	324.4	161.1	145.4	129.8	128.2	126.6	153.4	180.4	233.7
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°
5911.9	0°	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9
5850.2	2.5°	5806.6	5763.3	5724.1	5685.1	5650.8	5616.5	5582.1	5547.8	5521.3	5494.5
5798.5	5°	5716.4	5634.0	5565.0	5496.3	5435.5	5374.7	5319.6	5264.2	5221.8	5179.2
5779.9	7.5°	5670.5	5561.4	5470.7	5379.9	5303.5	5226.8	5159.2	5091.8	5041.2	4990.9
5789.0	10°	5673.7	5558.5	5467.7	5377.0	5294.6	5212.1	5136.1	5060.1	4999.7	4939.1
5800.3	12.5°	5705.9	5612.0	5551.7	5491.8	5426.9	5362.5	5283.7	5205.2	5128.1	5051.0
5752.0	15°	5706.8	5661.9	5670.1	5678.2	5661.5	5644.7	5576.4	5508.1	5398.3	5288.5
5604.5	17.5°	5621.1	5637.4	5736.3	5835.2	5887.9	5940.3	5885.1	5830.2	5684.8	5539.4
5364.0	20°	5441.2	5518.3	5690.0	5862.0	5972.0	6082.1	6056.6	6031.0	5864.7	5698.7
5091.1	22.5°	5205.2	5319.4	5515.4	5711.8	5855.0	5998.1	6013.5	6028.7	5869.9	5711.1
4826.4	25°	4958.0	5089.5	5265.8	5442.3	5583.2	5724.1	5776.7	5829.1	5698.9	5568.9
4595.0	27.5°	4722.0	4849.1	4994.0	5138.8	5251.8	5364.7	5423.3	5482.0	5389.2	5296.7
4391.5	30°	4492.2	4593.4	4713.6	4833.9	4927.6	5021.5	5069.1	5116.8	5046.2	4975.4
4213.2	32.5°	4272.9	4332.5	4428.5	4524.7	4614.5	4704.6	4757.4	4810.5	4745.6	4680.5
4044.9	35°	4061.2	4077.8	4151.0	4224.1	4313.0	4402.2	4465.7	4529.2	4482.9	4436.9
3868.4	37.5°	3850.2	3832.1	3884.7	3937.1	4025.8	4114.7	4193.2	4271.7	4250.4	4229.1
3675.1	40°	3634.0	3593.0	3630.9	3668.7	3754.5	3840.2	3930.5	4021.1	4026.3	4031.3
3469.8	42.5°	3415.3	3360.9	3391.7	3422.8	3504.0	3585.5	3683.0	3780.6	3806.7	3832.8
3265.6	45°	3212.5	3159.7	3185.5	3211.8	3289.0	3366.1	3467.3	3568.5	3605.9	3643.3
3083.4	47.5°	3039.0	2994.5	3019.0	3043.3	3118.8	3194.2	3294.0	3393.8	3436.9	3480.0
2923.1	50°	2883.6	2844.3	2882.5	2920.8	2992.0	3063.0	3152.4	3241.8	3297.1	3352.5
2803.5	52.5°	2764.5	2725.7	2783.1	2840.3	2905.6	2970.7	3054.0	3137.4	3203.0	3268.6
2740.0	55°	2678.3	2616.8	2698.2	2779.5	2849.8	2920.1	2993.2	3066.0	3135.4	3205.0
2701.9	57.5°	2612.0	2522.2	2609.8	2697.3	2779.9	2862.5	2934.6	3007.0	3077.1	3147.0
2666.0	60°	2549.7	2433.0	2510.0	2586.6	2681.5	2776.3	2849.6	2923.1	2993.4	3063.7
2624.3	62.5°	2478.6	2333.2	2382.0	2430.8	2541.3	2652.0	2730.2	2808.5	2872.9	2937.4
2536.3	65°	2381.6	2226.6	2245.4	2264.0	2382.5	2501.1	2576.0	2650.8	2707.5	2764.3
2379.3	67.5°	2250.4	2121.6	2115.7	2109.8	2219.1	2328.7	2399.7	2470.5	2519.5	2568.5
2180.1	70°	2088.5	1996.8	1976.4	1956.0	2052.2	2148.3	2209.6	2270.8	2315.1	2359.3
1958.2	72.5°	1895.4	1832.6	1802.6	1772.9	1848.7	1924.2	1979.6	2034.9	2078.2	2121.6
1706.4	75°	1658.1	1609.6	1581.0	1552.2	1608.4	1664.7	1714.8	1765.0	1804.4	1843.9
1454.2	77.5°	1415.4	1376.6	1347.5	1318.5	1364.3	1409.9	1453.0	1496.1	1537.6	1578.9
1166.5	80°	1134.1	1101.4	1077.1	1052.6	1090.7	1128.6	1164.9	1201.2	1232.7	1264.1
858.0	82.5°	842.1	826.2	809.0	791.7	788.6	785.4	772.7	760.0	827.1	894.3
564.9	85°	547.9	530.8	511.6	492.3	475.9	459.4	424.2	389.1	451.9	515.0
249.5	87.5°	242.7	235.9	232.3	228.7	228.0	227.3	200.5	173.5	199.9	226.4
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°
5911.9	0°	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9
5472.9	2.5°	5451.4	5434.6	5417.8	5402.4	5386.7	5367.4	5386.7	5402.4	5417.8	5434.6
5149.4	5°	5119.7	5098.6	5077.5	5061.4	5045.3	5029.4	5045.3	5061.4	5077.5	5098.6
4955.5	7.5°	4920.1	4895.8	4871.8	4857.2	4843.0	4832.1	4843.0	4857.2	4871.8	4895.8
4899.7	10°	4859.7	4836.8	4813.9	4801.7	4789.4	4784.4	4789.4	4801.7	4813.9	4836.8
4999.9	12.5°	4948.9	4923.3	4897.9	4887.4	4877.0	4875.2	4877.0	4887.4	4897.9	4923.3
5210.9	15°	5133.3	5097.7	5062.3	5048.7	5035.1	5034.0	5035.1	5048.7	5062.3	5097.7
5425.1	17.5°	5310.7	5258.1	5205.2	5188.0	5170.5	5167.8	5170.5	5188.0	5205.2	5258.1
5558.5	20°	5418.5	5351.1	5283.5	5262.0	5240.4	5233.6	5240.4	5262.0	5283.5	5351.1
5566.9	22.5°	5422.3	5351.3	5280.1	5256.3	5232.5	5222.3	5232.5	5256.3	5280.1	5351.3
5440.5	25°	5312.6	5250.8	5189.4	5166.9	5144.7	5131.5	5144.7	5166.9	5189.4	5250.8
5197.1	27.5°	5097.5	5056.2	5014.7	5004.5	4994.3	4990.9	4994.3	5004.5	5014.7	5056.2
4904.2	30°	4832.5	4811.4	4790.1	4790.1	4790.1	4793.5	4790.1	4790.1	4790.1	4811.4
4623.6	32.5°	4566.6	4552.8	4539.0	4540.8	4542.8	4546.2	4542.8	4540.8	4539.0	4552.8
4384.2	35°	4331.8	4310.7	4289.9	4285.3	4280.8	4278.5	4280.8	4285.3	4289.9	4310.7
4180.8	37.5°	4132.2	4093.9	4055.8	4035.6	4015.4	4004.0	4015.4	4035.6	4055.8	4093.9
3990.2	40°	3949.1	3893.3	3838.0	3800.3	3763.1	3740.9	3763.1	3800.3	3838.0	3893.3
3798.0	42.5°	3763.6	3694.4	3625.2	3570.5	3515.8	3480.0	3515.8	3570.5	3625.2	3694.4
3612.0	45°	3580.9	3501.8	3422.8	3358.6	3294.4	3253.1	3294.4	3358.6	3422.8	3501.8
3458.2	47.5°	3436.4	3366.1	3295.8	3236.3	3177.1	3137.4	3177.1	3236.3	3295.8	3366.1
3351.1	50°	3350.2	3294.0	3237.7	3182.8	3127.9	3089.8	3127.9	3182.8	3237.7	3294.0
3280.4	52.5°	3292.2	3246.3	3200.5	3151.3	3102.3	3067.1	3102.3	3151.3	3200.5	3246.3
3221.4	55°	3237.7	3197.8	3157.9	3114.8	3071.7	3039.9	3071.7	3114.8	3157.9	3197.8
3163.5	57.5°	3180.1	3139.7	3099.3	3056.7	3013.8	2980.9	3013.8	3056.7	3099.3	3139.7
3081.9	60°	3100.0	3060.5	3021.3	2977.3	2933.3	2899.2	2933.3	2977.3	3021.3	3060.5
2954.8	62.5°	2972.3	2936.7	2901.1	2854.8	2808.5	2767.7	2808.5	2854.8	2901.1	2936.7
2782.2	65°	2799.9	2765.6	2731.4	2686.4	2641.8	2606.6	2641.8	2686.4	2731.4	2765.6
2585.9	67.5°	2603.2	2571.7	2540.4	2498.6	2456.9	2425.1	2456.9	2498.6	2540.4	2571.7
2376.1	70°	2392.9	2367.3	2341.6	2301.7	2261.8	2225.5	2261.8	2301.7	2341.6	2367.3
2141.5	72.5°	2161.5	2140.2	2118.8	2080.7	2042.9	2007.7	2042.9	2080.7	2118.8	2140.2
1864.8	75°	1885.6	1875.2	1864.8	1832.8	1800.8	1767.2	1800.8	1832.8	1864.8	1875.2
1598.4	77.5°	1617.9	1603.4	1588.5	1556.2	1524.0	1497.3	1524.0	1556.2	1588.5	1603.4
1289.9	80°	1315.8	1309.4	1303.3	1260.0	1216.4	1166.0	1216.4	1260.0	1303.3	1309.4
938.3	82.5°	982.3	979.6	976.6	940.1	903.3	871.1	903.3	940.1	976.6	979.6
569.4	85°	623.9	619.3	614.8	586.2	557.6	528.6	557.6	586.2	614.8	619.3
248.4	87.5°	270.4	265.0	259.1	244.6	229.6	215.5	229.6	244.6	259.1	265.0
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: P950281  
 CATALOG NUMBER: GALN-SB4D-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
5911.9	0°	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9
5451.4	2.5°	5472.9	5494.5	5521.3	5547.8	5582.1	5616.5	5650.8	5685.1	5724.1	5763.3
5119.7	5°	5149.4	5179.2	5221.8	5264.2	5319.6	5374.7	5435.5	5496.3	5565.0	5634.0
4920.1	7.5°	4955.5	4990.9	5041.2	5091.8	5159.2	5226.8	5303.5	5379.9	5470.7	5561.4
4859.7	10°	4899.7	4939.1	4999.7	5060.1	5136.1	5212.1	5294.6	5377.0	5467.7	5558.5
4948.9	12.5°	4999.9	5051.0	5128.1	5205.2	5283.7	5362.5	5426.9	5491.8	5551.7	5612.0
5133.3	15°	5210.9	5288.5	5398.3	5508.1	5576.4	5644.7	5661.5	5678.2	5670.1	5661.9
5310.7	17.5°	5425.1	5539.4	5684.8	5830.2	5885.1	5940.3	5887.9	5835.2	5736.3	5637.4
5418.5	20°	5558.5	5698.7	5864.7	6031.0	6056.6	6082.1	5972.0	5862.0	5690.0	5518.3
5422.3	22.5°	5566.9	5711.1	5869.9	6028.7	6013.5	5998.1	5855.0	5711.8	5515.4	5319.4
5312.6	25°	5440.5	5568.9	5698.9	5829.1	5776.7	5724.1	5583.2	5442.3	5265.8	5089.5
5097.5	27.5°	5197.1	5296.7	5389.2	5482.0	5423.3	5364.7	5251.8	5138.8	4994.0	4849.1
4832.5	30°	4904.2	4975.4	5046.2	5116.8	5069.1	5021.5	4927.6	4833.9	4713.6	4593.4
4566.6	32.5°	4623.6	4680.5	4745.6	4810.5	4757.4	4704.6	4614.5	4524.7	4428.5	4332.5
4331.8	35°	4384.2	4436.9	4482.9	4529.2	4465.7	4402.2	4313.0	4224.1	4151.0	4077.8
4132.2	37.5°	4180.8	4229.1	4250.4	4271.7	4193.2	4114.7	4025.8	3937.1	3884.7	3832.1
3949.1	40°	3990.2	4031.3	4026.3	4021.1	3930.5	3840.2	3754.5	3668.7	3630.9	3593.0
3763.6	42.5°	3798.0	3832.8	3806.7	3780.6	3683.0	3585.5	3504.0	3422.8	3391.7	3360.9
3580.9	45°	3612.0	3643.3	3605.9	3568.5	3467.3	3366.1	3289.0	3211.8	3185.5	3159.7
3436.4	47.5°	3458.2	3480.0	3436.9	3393.8	3294.0	3194.2	3118.8	3043.3	3019.0	2994.5
3350.2	50°	3351.1	3352.5	3297.1	3241.8	3152.4	3063.0	2992.0	2920.8	2882.5	2844.3
3292.2	52.5°	3280.4	3268.6	3203.0	3137.4	3054.0	2970.7	2905.6	2840.3	2783.1	2725.7
3237.7	55°	3221.4	3205.0	3135.4	3066.0	2993.2	2920.1	2849.8	2779.5	2698.2	2616.8
3180.1	57.5°	3163.5	3147.0	3077.1	3007.0	2934.6	2862.5	2779.9	2697.3	2609.8	2522.2
3100.0	60°	3081.9	3063.7	2993.4	2923.1	2849.6	2776.3	2681.5	2586.6	2510.0	2433.0
2972.3	62.5°	2954.8	2937.4	2872.9	2808.5	2730.2	2652.0	2541.3	2430.8	2382.0	2333.2
2799.9	65°	2782.2	2764.3	2707.5	2650.8	2576.0	2501.1	2382.5	2264.0	2245.4	2226.6
2603.2	67.5°	2585.9	2568.5	2519.5	2470.5	2399.7	2328.7	2219.1	2109.8	2115.7	2121.6
2392.9	70°	2376.1	2359.3	2315.1	2270.8	2209.6	2148.3	2052.2	1956.0	1976.4	1996.8
2161.5	72.5°	2141.5	2121.6	2078.2	2034.9	1979.6	1924.2	1848.7	1772.9	1802.6	1832.6
1885.6	75°	1864.8	1843.9	1804.4	1765.0	1714.8	1664.7	1608.4	1552.2	1581.0	1609.6
1617.9	77.5°	1598.4	1578.9	1537.6	1496.1	1453.0	1409.9	1364.3	1318.5	1347.5	1376.6
1315.8	80°	1289.9	1264.1	1232.7	1201.2	1164.9	1128.6	1090.7	1052.6	1077.1	1101.4
982.3	82.5°	938.3	894.3	827.1	760.0	772.7	785.4	788.6	791.7	809.0	826.2
623.9	85°	569.4	515.0	451.9	389.1	424.2	459.4	475.9	492.3	511.6	530.8
270.4	87.5°	248.4	226.4	199.9	173.5	200.5	227.3	228.0	228.7	232.3	235.9
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):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
5911.9	0°	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9
5806.6	2.5°	5850.2	5904.0	5952.3	6002.2	6052.1	6104.3	6156.5	6208.2	6260.1	6308.9
5716.4	5°	5798.5	5892.6	5987.9	6088.9	6189.8	6297.8	6406.0	6513.3	6620.8	6728.6
5670.5	7.5°	5779.9	5901.7	6031.7	6172.6	6313.4	6473.4	6633.3	6797.6	6961.8	7139.4
5673.7	10°	5789.0	5919.8	6080.2	6247.2	6413.7	6608.1	6802.3	7019.2	7236.3	7461.1
5705.9	12.5°	5800.3	5922.1	6090.7	6279.2	6467.7	6696.8	6926.0	7171.9	7417.8	7664.6
5706.8	15°	5752.0	5849.5	6036.2	6254.5	6472.7	6736.5	7000.4	7267.2	7533.9	7791.4
5621.1	17.5°	5604.5	5664.6	5884.2	6146.7	6409.2	6715.4	7021.7	7312.8	7603.8	7864.9
5441.2	20°	5364.0	5379.9	5635.6	5960.9	6286.2	6657.4	7028.5	7348.4	7668.2	7939.8
5205.2	22.5°	5091.1	5060.1	5351.1	5742.9	6134.7	6586.1	7037.6	7396.5	7755.1	8032.6
4958.0	25°	4826.4	4742.5	5040.8	5499.5	5958.4	6515.8	7073.4	7483.6	7893.5	8165.1
4722.0	27.5°	4595.0	4492.9	4764.5	5276.9	5789.4	6468.8	7148.3	7619.7	8090.9	8350.2
4492.2	30°	4391.5	4311.4	4539.4	5090.9	5642.4	6446.8	7250.8	7796.0	8341.1	8591.3
4272.9	32.5°	4213.2	4177.6	4361.3	4930.5	5499.5	6419.6	7339.3	7979.9	8620.6	8868.3
4061.2	35°	4044.9	4059.6	4212.7	4772.9	5333.0	6368.3	7404.2	8189.6	8974.9	9212.5
3850.2	37.5°	3868.4	3922.4	4056.2	4587.3	5118.4	6280.6	7442.7	8424.4	9406.0	9708.6
3634.0	40°	3675.1	3757.9	3879.3	4365.9	4852.5	6159.6	7467.0	8722.4	9977.6	10418.7
3415.3	42.5°	3469.8	3574.1	3686.0	4121.5	4557.1	6034.9	7513.1	9112.4	10711.8	11348.3
3212.5	45°	3265.6	3366.6	3480.0	3862.0	4244.1	5918.9	7594.1	9625.6	11657.1	12515.7
3039.0	47.5°	3083.4	3170.3	3316.7	3656.7	3996.8	5823.2	7649.6	10172.3	12694.9	13903.6
2883.6	50°	2923.1	3024.0	3216.4	3520.4	3824.4	5718.9	7613.3	10679.5	13745.8	15567.9
2764.5	52.5°	2803.5	2944.6	3165.8	3430.5	3695.5	5542.6	7389.9	11008.9	14627.8	17316.0
2678.3	55°	2740.0	2952.6	3158.3	3365.4	3572.6	5250.4	6928.2	10936.3	14944.2	18865.9
2612.0	57.5°	2701.9	2960.5	3142.0	3288.3	3434.6	4838.4	6242.0	10425.5	14609.2	19964.4
2549.7	60°	2666.0	2935.5	3055.3	3170.3	3285.4	4303.5	5321.6	9474.7	13627.8	20238.9
2478.6	62.5°	2624.3	2874.3	2889.0	2965.3	3041.7	3663.3	4284.9	8189.1	12093.3	19083.0
2381.6	65°	2536.3	2726.8	2725.0	2761.1	2797.2	3087.3	3377.5	6877.4	10377.6	17447.6
2250.4	67.5°	2379.3	2486.4	2491.3	2471.4	2451.2	2533.8	2616.1	5592.5	8568.9	15501.4
2088.5	70°	2180.1	2215.3	2215.3	2122.0	2028.6	2005.2	1981.6	4403.3	6825.0	13377.8
1895.4	72.5°	1958.2	1957.8	1935.5	1803.3	1670.8	1599.6	1528.6	3366.3	5204.1	11075.6
1658.1	75°	1706.4	1715.0	1612.5	1464.1	1315.8	1251.3	1186.9	2443.3	3699.6	8436.6
1415.4	77.5°	1454.2	1458.7	1289.7	1145.6	1001.6	957.6	913.8	1655.6	2397.4	5904.9
1134.1	80°	1166.5	1167.2	965.3	843.5	721.4	703.3	685.1	1066.7	1448.5	3804.4
842.1	82.5°	858.0	848.4	676.0	586.2	496.4	492.7	489.6	656.1	823.0	2201.9
547.9	85°	564.9	552.4	424.2	358.4	292.6	294.5	296.0	350.7	405.6	990.5
242.7	87.5°	249.5	233.7	180.4	153.4	126.6	128.2	129.8	145.4	161.1	324.4
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-SB4D-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
5911.9	0°	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9
6357.7	2.5°	6381.7	6406.0	6440.3	6474.5	6494.9	6515.3	6525.6	6535.8	6531.2	6535.8
6836.4	5°	6920.5	7004.9	7088.4	7172.1	7217.5	7262.8	7290.3	7318.0	7338.8	7318.0
7317.3	7.5°	7454.3	7591.1	7714.3	7837.5	7911.7	7985.8	8026.0	8065.9	8085.2	8065.9
7685.9	10°	7847.9	8009.9	8154.4	8298.9	8386.5	8473.6	8512.6	8551.4	8566.1	8551.4
7911.7	12.5°	8087.2	8262.6	8393.3	8523.5	8587.0	8650.5	8671.9	8693.2	8695.4	8693.2
8048.9	15°	8200.4	8351.8	8433.7	8515.8	8518.0	8520.3	8497.6	8474.9	8448.2	8474.9
8126.0	17.5°	8228.4	8330.7	8332.3	8333.6	8241.7	8149.9	8065.7	7981.3	7921.9	7981.3
8211.1	20°	8246.7	8282.6	8174.8	8067.1	7864.2	7661.4	7513.7	7366.1	7275.3	7366.1
8309.8	22.5°	8263.1	8216.3	7993.1	7769.9	7471.6	7173.2	6988.6	6803.9	6703.6	6803.9
8436.8	25°	8289.4	8141.9	7803.0	7464.1	7101.8	6739.5	6545.3	6351.6	6256.7	6351.6
8609.2	27.5°	8345.6	8081.8	7632.8	7184.1	6782.6	6381.0	6190.0	5999.2	5909.6	5999.2
8841.8	30°	8448.6	8055.7	7503.1	6950.5	6532.1	6113.8	5936.6	5759.5	5676.0	5759.5
9116.3	32.5°	8577.9	8039.8	7414.6	6789.4	6396.2	6003.1	5864.0	5724.8	5664.6	5724.8
9449.8	35°	8791.0	8132.4	7480.9	6829.5	6556.4	6283.5	6251.1	6218.6	6213.6	6218.6
10011.2	37.5°	9236.3	8461.3	7869.2	7277.1	7259.4	7241.7	7390.1	7538.5	7615.6	7538.5
10859.7	40°	10016.9	9174.1	8733.8	8293.5	8604.3	8915.0	9275.8	9636.5	9816.1	9636.5
11984.9	42.5°	11148.7	10312.5	10058.9	9805.2	10483.1	11160.9	11817.0	12473.1	12858.3	12473.1
13374.4	45°	12623.3	11871.9	11760.1	11648.0	12734.0	13820.2	14898.2	15976.4	16630.9	15976.4
15112.1	47.5°	14381.4	13650.5	13627.8	13605.1	15171.8	16738.0	18316.3	19894.3	20821.0	19894.3
17389.8	50°	16487.1	15584.7	15588.5	15592.4	17611.4	19630.4	21713.7	23796.9	25056.4	23796.9
20004.3	52.5°	18911.3	17818.5	17708.0	17597.3	20009.1	22420.8	24998.3	27575.7	29085.4	27575.7
22787.8	55°	21708.0	20628.2	20197.4	19766.6	22450.7	25134.7	28207.5	31280.3	33075.8	31280.3
25319.6	57.5°	24731.6	24143.3	23279.2	22415.3	25125.6	27835.9	31316.3	34796.5	37023.2	34796.5
26849.7	60°	27763.1	28676.6	27603.6	26530.5	29095.4	31660.2	35386.6	39113.0	41519.5	39113.0
26072.7	62.5°	28568.4	31064.1	30943.1	30822.0	33171.6	35521.4	39066.7	42611.8	44836.1	42611.8
24517.6	65°	26859.9	29202.2	29665.7	30129.0	33114.9	36101.0	39538.8	42976.3	44870.2	42976.3
22433.9	67.5°	24661.7	26889.4	27106.8	27323.9	30435.0	33545.9	36998.4	40451.0	41934.6	40451.0
19930.6	70°	22353.6	24776.9	24874.0	24971.3	27753.5	30535.5	33506.6	36477.6	37302.2	36477.6
16947.4	72.5°	19728.0	22508.8	22578.7	22648.3	24825.0	27001.7	29227.0	31452.0	31535.5	31452.0
13173.6	75°	16051.5	18929.4	19187.8	19446.2	21139.7	22833.2	24399.7	25966.1	25546.4	25966.1
9412.3	77.5°	12098.8	14785.4	15155.2	15525.0	16812.4	18099.8	19210.8	20321.9	19600.5	20321.9
6160.3	80°	8420.5	10680.5	11140.1	11599.7	12572.0	13543.8	14127.3	14710.6	13550.2	14710.6
3580.9	82.5°	5126.1	6671.4	7184.8	7698.4	8367.6	9036.9	9280.3	9523.5	8611.5	9523.5
1575.5	85°	2395.6	3215.7	3652.4	4089.1	4639.0	5188.7	5326.8	5465.0	4734.5	5465.0
487.7	87.5°	763.4	1039.0	1282.7	1526.3	1801.2	2076.2	2088.0	2099.6	1762.7	2099.6
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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 CATALOG NUMBER: GALN-SB4D-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

325°		330°	335°	340°	345°	350°	355°	360°
5911.9	0°	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9	5911.9
6525.6	2.5°	6515.3	6494.9	6474.5	6440.3	6406.0	6381.7	6357.7
7290.3	5°	7262.8	7217.5	7172.1	7088.4	7004.9	6920.5	6836.4
8026.0	7.5°	7985.8	7911.7	7837.5	7714.3	7591.1	7454.3	7317.3
8512.6	10°	8473.6	8386.5	8298.9	8154.4	8009.9	7847.9	7685.9
8671.9	12.5°	8650.5	8587.0	8523.5	8393.3	8262.6	8087.2	7911.7
8497.6	15°	8520.3	8518.0	8515.8	8433.7	8351.8	8200.4	8048.9
8065.7	17.5°	8149.9	8241.7	8333.6	8332.3	8330.7	8228.4	8126.0
7513.7	20°	7661.4	7864.2	8067.1	8174.8	8282.6	8246.7	8211.1
6988.6	22.5°	7173.2	7471.6	7769.9	7993.1	8216.3	8263.1	8309.8
6545.3	25°	6739.5	7101.8	7464.1	7803.0	8141.9	8289.4	8436.8
6190.0	27.5°	6381.0	6782.6	7184.1	7632.8	8081.8	8345.6	8609.2
5936.6	30°	6113.8	6532.1	6950.5	7503.1	8055.7	8448.6	8841.8
5864.0	32.5°	6003.1	6396.2	6789.4	7414.6	8039.8	8577.9	9116.3
6251.1	35°	6283.5	6556.4	6829.5	7480.9	8132.4	8791.0	9449.8
7390.1	37.5°	7241.7	7259.4	7277.1	7869.2	8461.3	9236.3	10011.2
9275.8	40°	8915.0	8604.3	8293.5	8733.8	9174.1	10016.9	10859.7
11817.0	42.5°	11160.9	10483.1	9805.2	10058.9	10312.5	11148.7	11984.9
14898.2	45°	13820.2	12734.0	11648.0	11760.1	11871.9	12623.3	13374.4
18316.3	47.5°	16738.0	15171.8	13605.1	13627.8	13650.5	14381.4	15112.1
21713.7	50°	19630.4	17611.4	15592.4	15588.5	15584.7	16487.1	17389.8
24998.3	52.5°	22420.8	20009.1	17597.3	17708.0	17818.5	18911.3	20004.3
28207.5	55°	25134.7	22450.7	19766.6	20197.4	20628.2	21708.0	22787.8
31316.3	57.5°	27835.9	25125.6	22415.3	23279.2	24143.3	24731.6	25319.6
35386.6	60°	31660.2	29095.4	26530.5	27603.6	28676.6	27763.1	26849.7
39066.7	62.5°	35521.4	33171.6	30822.0	30943.1	31064.1	28568.4	26072.7
39538.8	65°	36101.0	33114.9	30129.0	29665.7	29202.2	26859.9	24517.6
36998.4	67.5°	33545.9	30435.0	27323.9	27106.8	26889.4	24661.7	22433.9
33506.6	70°	30535.5	27753.5	24971.3	24874.0	24776.9	22353.6	19930.6
29227.0	72.5°	27001.7	24825.0	22648.3	22578.7	22508.8	19728.0	16947.4
24399.7	75°	22833.2	21139.7	19446.2	19187.8	18929.4	16051.5	13173.6
19210.8	77.5°	18099.8	16812.4	15525.0	15155.2	14785.4	12098.8	9412.3
14127.3	80°	13543.8	12572.0	11599.7	11140.1	10680.5	8420.5	6160.3
9280.3	82.5°	9036.9	8367.6	7698.4	7184.8	6671.4	5126.1	3580.9
5326.8	85°	5188.7	4639.0	4089.1	3652.4	3215.7	2395.6	1575.5
2088.0	87.5°	2076.2	1801.2	1526.3	1282.7	1039.0	763.4	487.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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