

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: P956938

Luminaire Tested: **GALN-SB9B-940-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P956938  
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-SB9B-940-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(9) 90 CRI, 4000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

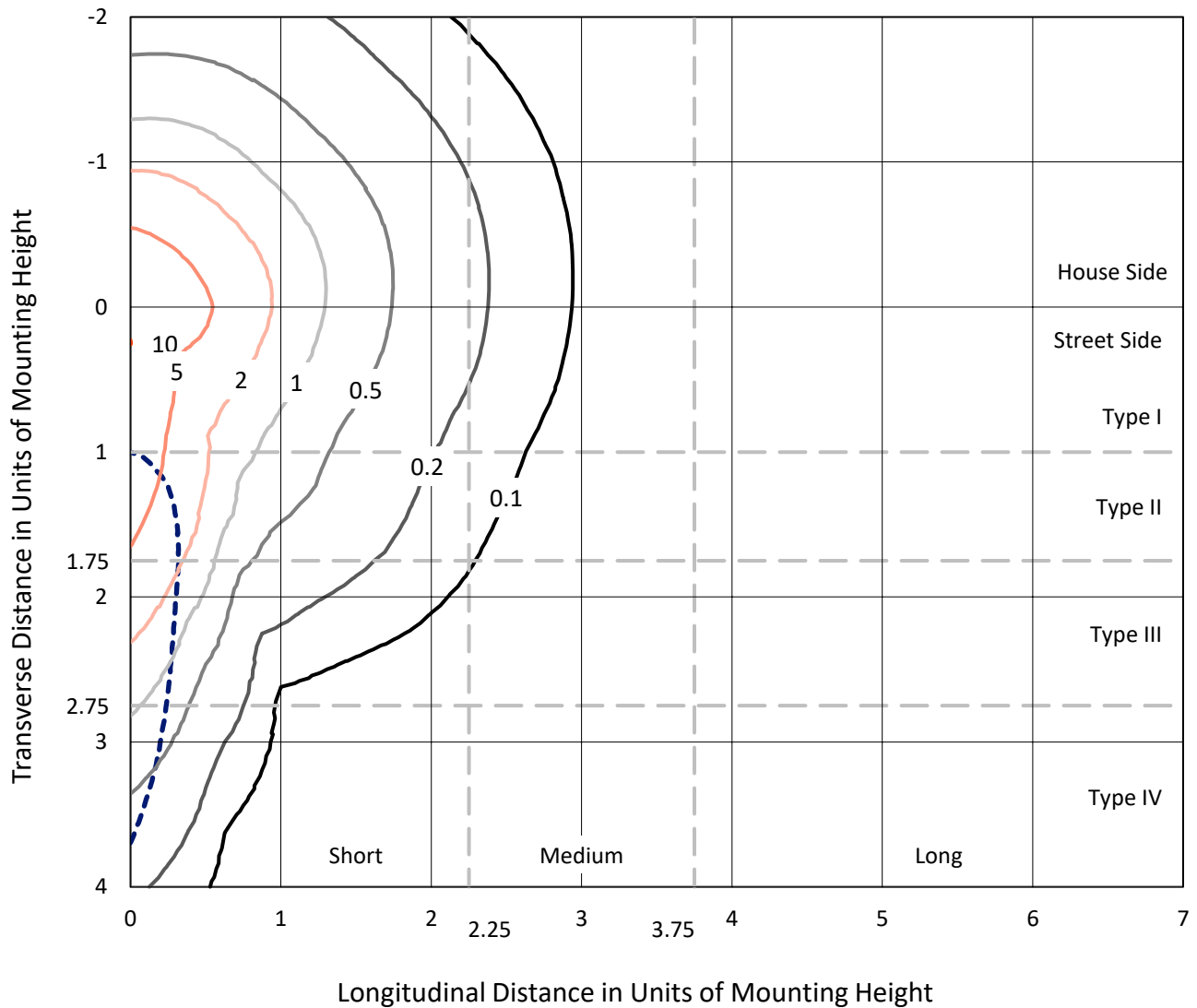
Lumens per Lamp: N/A  
Luminaire Lumens: 37033 lumens  
Efficiency: N/A  
Efficacy: 112.4 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B4 - U0 - G5  
  
Input Watts (W): 329.5  
Input Voltage (V): NR  
Input Current (Ain): 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 = 10.1 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	9411.9	0.0	9411.9
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	27621.1	0.0	27621.1
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	37033.0	0.0	37033.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	505.2	1.4
10°-20°	1585.8	4.3
20°-30°	2449.5	6.6
30°-40°	3104.1	8.4
40°-50°	4681.8	12.6
50°-60°	7564.2	20.4
60°-70°	9429.9	25.5
70°-80°	6183.7	16.7
80°-90°	1528.8	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°	37033.0	100.0
0°-180°	37033.0	100.0



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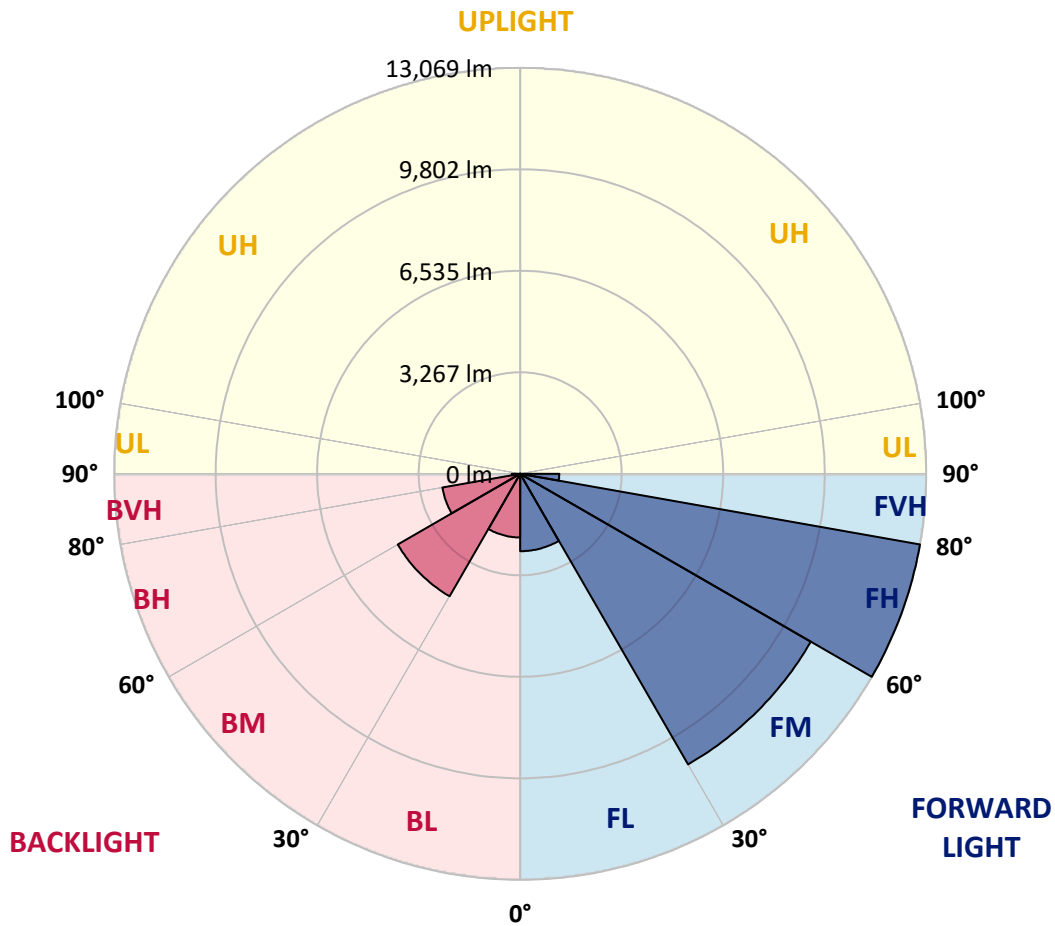
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2490.9	6.7			
FM (30°-60°)	10801.7	29.2			
FH (60°-80°)	13069.1	35.3			G5
FVH (80°-90°)	1259.4	3.4			G5
BL (0°-30°)	2049.6	5.5	B3/2500		
BM (30°-60°)	4548.4	12.3	B3/5000		
BH (60°-80°)	2544.6	6.9	B4/5000		G4/5000
BVH (80°-90°)	269.4	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°	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4
2.5°	5476.3	5434.3	5392.3	5347.6	5303.0	5258.1	5213.1	5170.1	5127.1	5085.5
5°	5888.6	5795.8	5703.0	5610.4	5518.0	5424.7	5331.7	5244.8	5157.8	5075.7
7.5°	6302.9	6149.7	5996.7	5855.2	5713.8	5576.0	5438.2	5316.9	5195.5	5083.6
10°	6620.5	6426.8	6233.2	6046.1	5859.3	5692.1	5524.6	5381.2	5237.3	5099.2
12.5°	6814.9	6602.1	6389.5	6177.7	5965.8	5768.5	5571.1	5408.7	5246.3	5101.1
15°	6933.1	6711.3	6489.5	6259.7	6029.9	5802.7	5575.4	5387.4	5199.4	5038.6
17.5°	6999.5	6774.6	6549.7	6299.0	6048.3	5784.5	5520.7	5294.6	5068.5	4879.4
20°	7072.8	6839.1	6605.2	6329.7	6054.2	5734.5	5414.8	5134.6	4854.3	4634.1
22.5°	7157.8	6919.0	6680.1	6371.1	6062.0	5673.1	5284.2	4946.8	4609.3	4358.6
25°	7267.3	7033.2	6799.3	6446.1	6092.9	5612.5	5132.4	4737.1	4342.0	4085.0
27.5°	7415.8	7192.6	6969.3	6563.4	6157.3	5572.1	4986.8	4545.4	4104.0	3870.1
30°	7616.1	7400.3	7184.8	6715.2	6245.7	5553.1	4860.2	4385.2	3910.1	3713.7
32.5°	7852.5	7638.9	7425.5	6873.7	6321.9	5529.7	4737.1	4247.0	3756.7	3598.5
35°	8139.8	7935.4	7730.8	7054.3	6377.8	5485.5	4593.7	4111.2	3628.7	3496.8
37.5°	8623.4	8362.7	8102.0	7256.5	6411.0	5409.9	4408.8	3951.4	3493.9	3378.6
40°	9354.2	8974.4	8594.5	7513.3	6431.9	5305.7	4179.8	3760.6	3341.5	3236.9
42.5°	10323.5	9775.1	9226.8	7849.2	6471.6	5198.3	3925.4	3550.2	3175.0	3078.7
45°	11520.3	10780.7	10041.1	8291.2	6541.3	5098.4	3655.7	3326.6	2997.6	2899.9
47.5°	13017.2	11976.2	10935.1	8762.1	6589.2	5016.0	3442.7	3149.8	2856.9	2730.8
50°	14979.1	13409.7	11840.2	9199.1	6557.9	4926.1	3294.2	3032.4	2770.5	2604.8
52.5°	17231.2	14915.6	12600.0	9482.8	6365.4	4774.2	3183.2	2955.0	2726.9	2536.4
55°	19628.8	16250.6	12872.6	9420.3	5967.8	4522.5	3077.3	2898.9	2720.5	2543.2
57.5°	21809.6	17196.8	12583.9	8980.2	5376.7	4167.7	2958.5	2832.5	2706.4	2550.1
60°	23127.6	17433.2	11738.6	8161.3	4583.9	3706.9	2829.9	2730.8	2631.8	2528.6
62.5°	22458.3	16437.6	10416.9	7053.9	3690.9	3155.5	2620.0	2554.2	2488.5	2475.8
65°	21118.8	15028.9	8939.0	5924.0	2909.2	2659.3	2409.4	2378.3	2347.3	2348.8
67.5°	19324.0	13352.5	7381.0	4817.2	2253.5	2182.5	2111.4	2128.8	2146.0	2141.7
70°	17167.7	11523.3	5878.9	3792.9	1706.9	1727.2	1747.3	1827.9	1908.2	1908.2
72.5°	14598.0	9540.3	4482.7	2899.7	1316.7	1377.8	1439.2	1553.3	1667.2	1686.4
75°	11347.4	7267.1	3186.7	2104.6	1022.4	1077.9	1133.4	1261.2	1389.0	1477.3
77.5°	8107.5	5086.3	2065.1	1426.1	787.1	824.8	862.7	986.8	1110.9	1256.5
80°	5306.3	3277.0	1247.7	918.8	590.1	605.8	621.4	726.5	831.5	1005.4
82.5°	3084.5	1896.6	708.9	565.1	421.7	424.4	427.6	504.9	582.3	730.8
85°	1357.1	853.2	349.4	302.1	255.0	253.6	252.1	308.7	365.4	475.8
87.5°	420.1	279.4	138.7	125.3	111.8	110.4	109.0	132.1	155.4	201.3
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°
5092.4	0°	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4
5039.2	2.5°	5001.7	4964.4	4930.6	4896.9	4867.4	4837.9	4808.2	4778.7	4755.9	4732.8
4994.7	5°	4923.9	4853.0	4793.6	4734.4	4682.0	4629.6	4582.1	4534.5	4497.9	4461.2
4978.6	7.5°	4884.4	4790.4	4712.3	4634.1	4568.3	4502.2	4444.0	4386.0	4342.4	4299.0
4986.4	10°	4887.2	4787.9	4709.7	4631.6	4560.6	4489.5	4424.1	4358.6	4306.6	4254.4
4996.2	12.5°	4914.9	4834.0	4782.0	4730.5	4674.6	4619.1	4551.3	4483.7	4417.2	4350.8
4954.6	15°	4915.7	4877.0	4884.1	4891.1	4876.6	4862.2	4803.3	4744.5	4650.0	4555.4
4827.6	17.5°	4841.8	4855.9	4941.1	5026.3	5071.6	5116.8	5069.3	5022.0	4896.8	4771.5
4620.4	20°	4686.9	4753.3	4901.2	5049.4	5144.1	5238.9	5217.0	5194.9	5051.7	4908.7
4385.4	22.5°	4483.7	4581.9	4750.8	4920.0	5043.3	5166.6	5179.9	5193.0	5056.2	4919.4
4157.3	25°	4270.7	4384.0	4535.8	4687.9	4809.2	4930.6	4975.9	5021.0	4908.9	4796.9
3958.0	27.5°	4067.4	4176.9	4301.7	4426.4	4523.7	4621.0	4671.4	4722.1	4642.1	4562.4
3782.7	30°	3869.5	3956.6	4060.2	4163.8	4244.5	4325.4	4366.4	4407.4	4346.7	4285.7
3629.1	32.5°	3680.5	3731.9	3814.6	3897.4	3974.8	4052.4	4097.9	4143.6	4087.8	4031.7
3484.1	35°	3498.2	3512.5	3575.6	3638.5	3715.1	3791.9	3846.6	3901.3	3861.5	3821.8
3332.1	37.5°	3316.5	3300.8	3346.2	3391.3	3467.7	3544.3	3611.9	3679.5	3661.2	3642.8
3165.6	40°	3130.3	3094.9	3127.5	3160.2	3234.0	3307.9	3385.7	3463.6	3468.1	3472.4
2988.8	42.5°	2941.9	2895.0	2921.6	2948.3	3018.3	3088.4	3172.5	3256.5	3279.0	3301.4
2812.9	45°	2767.2	2721.7	2743.9	2766.6	2833.0	2899.5	2986.6	3073.8	3106.0	3138.3
2656.0	47.5°	2617.7	2579.4	2600.5	2621.4	2686.5	2751.4	2837.3	2923.3	2960.4	2997.6
2517.8	50°	2483.8	2450.0	2482.9	2515.9	2577.2	2638.4	2715.4	2792.4	2840.1	2887.8
2414.9	52.5°	2381.3	2347.8	2397.3	2446.5	2502.8	2558.9	2630.6	2702.5	2759.0	2815.5
2360.1	55°	2307.0	2254.0	2324.2	2394.2	2454.7	2515.3	2578.2	2641.0	2700.7	2760.7
2327.3	57.5°	2249.9	2172.6	2248.0	2323.4	2394.5	2465.7	2527.8	2590.1	2650.5	2710.7
2296.4	60°	2196.2	2095.8	2162.0	2228.1	2309.7	2391.4	2454.5	2517.8	2578.4	2639.0
2260.5	62.5°	2135.0	2009.8	2051.8	2093.8	2189.0	2284.3	2351.7	2419.2	2474.7	2530.2
2184.7	65°	2051.4	1917.9	1934.2	1950.2	2052.2	2154.4	2218.9	2283.4	2332.2	2381.1
2049.4	67.5°	1938.5	1827.5	1822.4	1817.3	1911.5	2005.9	2067.0	2128.0	2170.2	2212.4
1877.9	70°	1798.9	1720.0	1702.4	1684.8	1767.7	1850.5	1903.3	1956.0	1994.1	2032.3
1686.8	72.5°	1632.6	1578.5	1552.7	1527.1	1592.4	1657.5	1705.1	1752.8	1790.1	1827.5
1469.9	75°	1428.2	1386.4	1361.8	1337.0	1385.4	1433.9	1477.1	1520.3	1554.3	1588.3
1252.6	77.5°	1219.2	1185.7	1160.7	1135.7	1175.2	1214.5	1251.6	1288.7	1324.5	1360.0
1004.8	80°	976.8	948.7	927.8	906.7	939.5	972.2	1003.4	1034.7	1061.9	1088.8
739.0	82.5°	725.4	711.7	696.8	682.0	679.2	676.5	665.6	654.6	712.5	770.3
486.6	85°	471.9	457.3	440.6	424.0	410.0	395.7	365.4	335.1	389.3	443.6
214.9	87.5°	209.1	203.2	200.1	197.0	196.4	195.8	172.7	149.5	172.2	195.0
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):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
5092.4	0°	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4
4714.2	2.5°	4695.7	4681.2	4666.8	4653.5	4640.0	4623.4	4640.0	4653.5	4666.8	4681.2
4435.6	5°	4410.0	4391.8	4373.6	4359.8	4345.9	4332.2	4345.9	4359.8	4373.6	4391.8
4268.5	7.5°	4238.0	4217.1	4196.4	4183.9	4171.6	4162.2	4171.6	4183.9	4196.4	4217.1
4220.4	10°	4186.0	4166.3	4146.6	4136.0	4125.5	4121.2	4125.5	4136.0	4146.6	4166.3
4306.8	12.5°	4262.8	4240.8	4218.9	4209.9	4200.9	4199.3	4200.9	4209.9	4218.9	4240.8
4488.5	15°	4421.7	4391.0	4360.6	4348.8	4337.1	4336.1	4337.1	4348.8	4360.6	4391.0
4673.0	17.5°	4574.5	4529.2	4483.7	4468.8	4453.8	4451.4	4453.8	4468.8	4483.7	4529.2
4787.9	20°	4667.3	4609.3	4551.1	4532.5	4513.9	4508.1	4513.9	4532.5	4551.1	4609.3
4795.1	22.5°	4670.7	4609.5	4548.1	4527.6	4507.1	4498.3	4507.1	4527.6	4548.1	4609.5
4686.3	25°	4576.1	4522.9	4470.0	4450.6	4431.5	4420.1	4431.5	4450.6	4470.0	4522.9
4476.6	27.5°	4390.8	4355.3	4319.5	4310.7	4301.9	4299.0	4301.9	4310.7	4319.5	4355.3
4224.4	30°	4162.6	4144.4	4126.1	4126.1	4126.1	4129.0	4126.1	4126.1	4126.1	4144.4
3982.6	32.5°	3933.6	3921.7	3909.7	3911.3	3913.1	3916.0	3913.1	3911.3	3909.7	3921.7
3776.5	35°	3731.3	3713.2	3695.2	3691.3	3687.4	3685.4	3687.4	3691.3	3695.2	3713.2
3601.2	37.5°	3559.4	3526.3	3493.5	3476.1	3458.7	3449.0	3458.7	3476.1	3493.5	3526.3
3437.0	40°	3401.7	3353.6	3305.9	3273.5	3241.4	3222.3	3241.4	3273.5	3305.9	3353.6
3271.5	42.5°	3241.8	3182.2	3122.6	3075.5	3028.4	2997.6	3028.4	3075.5	3122.6	3182.2
3111.3	45°	3084.5	3016.3	2948.3	2893.0	2837.7	2802.2	2837.7	2893.0	2948.3	3016.3
2978.8	47.5°	2960.1	2899.5	2838.9	2787.7	2736.7	2702.5	2736.7	2787.7	2838.9	2899.5
2886.6	50°	2885.8	2837.3	2788.9	2741.6	2694.3	2661.5	2694.3	2741.6	2788.9	2837.3
2825.6	52.5°	2835.8	2796.3	2756.8	2714.4	2672.2	2641.9	2672.2	2714.4	2756.8	2796.3
2774.8	55°	2788.9	2754.5	2720.1	2683.0	2645.8	2618.5	2645.8	2683.0	2720.1	2754.5
2725.0	57.5°	2739.2	2704.5	2669.7	2632.9	2596.0	2567.7	2596.0	2632.9	2669.7	2704.5
2654.6	60°	2670.3	2636.3	2602.5	2564.5	2526.6	2497.3	2526.6	2564.5	2602.5	2636.3
2545.2	62.5°	2560.2	2529.6	2498.9	2459.0	2419.2	2384.0	2419.2	2459.0	2498.9	2529.6
2396.5	65°	2411.7	2382.2	2352.7	2314.0	2275.5	2245.2	2275.5	2314.0	2352.7	2382.2
2227.5	67.5°	2242.3	2215.2	2188.2	2152.2	2116.3	2088.9	2116.3	2152.2	2188.2	2215.2
2046.7	70°	2061.2	2039.1	2017.0	1982.6	1948.2	1917.0	1948.2	1982.6	2017.0	2039.1
1844.7	72.5°	1861.9	1843.5	1825.1	1792.3	1759.7	1729.4	1759.7	1792.3	1825.1	1843.5
1606.3	75°	1624.2	1615.3	1606.3	1578.7	1551.2	1522.2	1551.2	1578.7	1606.3	1615.3
1376.9	77.5°	1393.7	1381.2	1368.3	1340.5	1312.8	1289.7	1312.8	1340.5	1368.3	1381.2
1111.1	80°	1133.4	1127.9	1122.6	1085.3	1047.8	1004.4	1047.8	1085.3	1122.6	1127.9
808.2	82.5°	846.1	843.8	841.2	809.8	778.1	750.4	778.1	809.8	841.2	843.8
490.5	85°	537.4	533.5	529.6	504.9	480.3	455.3	480.3	504.9	529.6	533.5
214.0	87.5°	232.9	228.2	223.2	210.7	197.8	185.6	197.8	210.7	223.2	228.2
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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**CANDELA DISTRIBUTION (continued):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
5092.4	0°	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4
4695.7	2.5°	4714.2	4732.8	4755.9	4778.7	4808.2	4837.9	4867.4	4896.9	4930.6	4964.4
4410.0	5°	4435.6	4461.2	4497.9	4534.5	4582.1	4629.6	4682.0	4734.4	4793.6	4853.0
4238.0	7.5°	4268.5	4299.0	4342.4	4386.0	4444.0	4502.2	4568.3	4634.1	4712.3	4790.4
4186.0	10°	4220.4	4254.4	4306.6	4358.6	4424.1	4489.5	4560.6	4631.6	4709.7	4787.9
4262.8	12.5°	4306.8	4350.8	4417.2	4483.7	4551.3	4619.1	4674.6	4730.5	4782.0	4834.0
4421.7	15°	4488.5	4555.4	4650.0	4744.5	4803.3	4862.2	4876.6	4891.1	4884.1	4877.0
4574.5	17.5°	4673.0	4771.5	4896.8	5022.0	5069.3	5116.8	5071.6	5026.3	4941.1	4855.9
4667.3	20°	4787.9	4908.7	5051.7	5194.9	5217.0	5238.9	5144.1	5049.4	4901.2	4753.3
4670.7	22.5°	4795.1	4919.4	5056.2	5193.0	5179.9	5166.6	5043.3	4920.0	4750.8	4581.9
4576.1	25°	4686.3	4796.9	4908.9	5021.0	4975.9	4930.6	4809.2	4687.9	4535.8	4384.0
4390.8	27.5°	4476.6	4562.4	4642.1	4722.1	4671.4	4621.0	4523.7	4426.4	4301.7	4176.9
4162.6	30°	4224.4	4285.7	4346.7	4407.4	4366.4	4325.4	4244.5	4163.8	4060.2	3956.6
3933.6	32.5°	3982.6	4031.7	4087.8	4143.6	4097.9	4052.4	3974.8	3897.4	3814.6	3731.9
3731.3	35°	3776.5	3821.8	3861.5	3901.3	3846.6	3791.9	3715.1	3638.5	3575.6	3512.5
3559.4	37.5°	3601.2	3642.8	3661.2	3679.5	3611.9	3544.3	3467.7	3391.3	3346.2	3300.8
3401.7	40°	3437.0	3472.4	3468.1	3463.6	3385.7	3307.9	3234.0	3160.2	3127.5	3094.9
3241.8	42.5°	3271.5	3301.4	3279.0	3256.5	3172.5	3088.4	3018.3	2948.3	2921.6	2895.0
3084.5	45°	3111.3	3138.3	3106.0	3073.8	2986.6	2899.5	2833.0	2766.6	2743.9	2721.7
2960.1	47.5°	2978.8	2997.6	2960.4	2923.3	2837.3	2751.4	2686.5	2621.4	2600.5	2579.4
2885.8	50°	2886.6	2887.8	2840.1	2792.4	2715.4	2638.4	2577.2	2515.9	2482.9	2450.0
2835.8	52.5°	2825.6	2815.5	2759.0	2702.5	2630.6	2558.9	2502.8	2446.5	2397.3	2347.8
2788.9	55°	2774.8	2760.7	2700.7	2641.0	2578.2	2515.3	2454.7	2394.2	2324.2	2254.0
2739.2	57.5°	2725.0	2710.7	2650.5	2590.1	2527.8	2465.7	2394.5	2323.4	2248.0	2172.6
2670.3	60°	2654.6	2639.0	2578.4	2517.8	2454.5	2391.4	2309.7	2228.1	2162.0	2095.8
2560.2	62.5°	2545.2	2530.2	2474.7	2419.2	2351.7	2284.3	2189.0	2093.8	2051.8	2009.8
2411.7	65°	2396.5	2381.1	2332.2	2283.4	2218.9	2154.4	2052.2	1950.2	1934.2	1917.9
2242.3	67.5°	2227.5	2212.4	2170.2	2128.0	2067.0	2005.9	1911.5	1817.3	1822.4	1827.5
2061.2	70°	2046.7	2032.3	1994.1	1956.0	1903.3	1850.5	1767.7	1684.8	1702.4	1720.0
1861.9	72.5°	1844.7	1827.5	1790.1	1752.8	1705.1	1657.5	1592.4	1527.1	1552.7	1578.5
1624.2	75°	1606.3	1588.3	1554.3	1520.3	1477.1	1433.9	1385.4	1337.0	1361.8	1386.4
1393.7	77.5°	1376.9	1360.0	1324.5	1288.7	1251.6	1214.5	1175.2	1135.7	1160.7	1185.7
1133.4	80°	1111.1	1088.8	1061.9	1034.7	1003.4	972.2	939.5	906.7	927.8	948.7
846.1	82.5°	808.2	770.3	712.5	654.6	665.6	676.5	679.2	682.0	696.8	711.7
537.4	85°	490.5	443.6	389.3	335.1	365.4	395.7	410.0	424.0	440.6	457.3
232.9	87.5°	214.0	195.0	172.2	149.5	172.7	195.8	196.4	197.0	200.1	203.2
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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**CANDELA DISTRIBUTION (continued):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
5092.4	0°	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4
5001.7	2.5°	5039.2	5085.5	5127.1	5170.1	5213.1	5258.1	5303.0	5347.6	5392.3	5434.3
4923.9	5°	4994.7	5075.7	5157.8	5244.8	5331.7	5424.7	5518.0	5610.4	5703.0	5795.8
4884.4	7.5°	4978.6	5083.6	5195.5	5316.9	5438.2	5576.0	5713.8	5855.2	5996.7	6149.7
4887.2	10°	4986.4	5099.2	5237.3	5381.2	5524.6	5692.1	5859.3	6046.1	6233.2	6426.8
4914.9	12.5°	4996.2	5101.1	5246.3	5408.7	5571.1	5768.5	5965.8	6177.7	6389.5	6602.1
4915.7	15°	4954.6	5038.6	5199.4	5387.4	5575.4	5802.7	6029.9	6259.7	6489.5	6711.3
4841.8	17.5°	4827.6	4879.4	5068.5	5294.6	5520.7	5784.5	6048.3	6299.0	6549.7	6774.6
4686.9	20°	4620.4	4634.1	4854.3	5134.6	5414.8	5734.5	6054.2	6329.7	6605.2	6839.1
4483.7	22.5°	4385.4	4358.6	4609.3	4946.8	5284.2	5673.1	6062.0	6371.1	6680.1	6919.0
4270.7	25°	4157.3	4085.0	4342.0	4737.1	5132.4	5612.5	6092.9	6446.1	6799.3	7033.2
4067.4	27.5°	3958.0	3870.1	4104.0	4545.4	4986.8	5572.1	6157.3	6563.4	6969.3	7192.6
3869.5	30°	3782.7	3713.7	3910.1	4385.2	4860.2	5553.1	6245.7	6715.2	7184.8	7400.3
3680.5	32.5°	3629.1	3598.5	3756.7	4247.0	4737.1	5529.7	6321.9	6873.7	7425.5	7638.9
3498.2	35°	3484.1	3496.8	3628.7	4111.2	4593.7	5485.5	6377.8	7054.3	7730.8	7935.4
3316.5	37.5°	3332.1	3378.6	3493.9	3951.4	4408.8	5409.9	6411.0	7256.5	8102.0	8362.7
3130.3	40°	3165.6	3236.9	3341.5	3760.6	4179.8	5305.7	6431.9	7513.3	8594.5	8974.4
2941.9	42.5°	2988.8	3078.7	3175.0	3550.2	3925.4	5198.3	6471.6	7849.2	9226.8	9775.1
2767.2	45°	2812.9	2899.9	2997.6	3326.6	3655.7	5098.4	6541.3	8291.2	10041.1	10780.7
2617.7	47.5°	2656.0	2730.8	2856.9	3149.8	3442.7	5016.0	6589.2	8762.1	10935.1	11976.2
2483.8	50°	2517.8	2604.8	2770.5	3032.4	3294.2	4926.1	6557.9	9199.1	11840.2	13409.7
2381.3	52.5°	2414.9	2536.4	2726.9	2955.0	3183.2	4774.2	6365.4	9482.8	12600.0	14915.6
2307.0	55°	2360.1	2543.2	2720.5	2898.9	3077.3	4522.5	5967.8	9420.3	12872.6	16250.6
2249.9	57.5°	2327.3	2550.1	2706.4	2832.5	2958.5	4167.7	5376.7	8980.2	12583.9	17196.8
2196.2	60°	2296.4	2528.6	2631.8	2730.8	2829.9	3706.9	4583.9	8161.3	11738.6	17433.2
2135.0	62.5°	2260.5	2475.8	2488.5	2554.2	2620.0	3155.5	3690.9	7053.9	10416.9	16437.6
2051.4	65°	2184.7	2348.8	2347.3	2378.3	2409.4	2659.3	2909.2	5924.0	8939.0	15028.9
1938.5	67.5°	2049.4	2141.7	2146.0	2128.8	2111.4	2182.5	2253.5	4817.2	7381.0	13352.5
1798.9	70°	1877.9	1908.2	1908.2	1827.9	1747.3	1727.2	1706.9	3792.9	5878.9	11523.3
1632.6	72.5°	1686.8	1686.4	1667.2	1553.3	1439.2	1377.8	1316.7	2899.7	4482.7	9540.3
1428.2	75°	1469.9	1477.3	1389.0	1261.2	1133.4	1077.9	1022.4	2104.6	3186.7	7267.1
1219.2	77.5°	1252.6	1256.5	1110.9	986.8	862.7	824.8	787.1	1426.1	2065.1	5086.3
976.8	80°	1004.8	1005.4	831.5	726.5	621.4	605.8	590.1	918.8	1247.7	3277.0
725.4	82.5°	739.0	730.8	582.3	504.9	427.6	424.4	421.7	565.1	708.9	1896.6
471.9	85°	486.6	475.8	365.4	308.7	252.1	253.6	255.0	302.1	349.4	853.2
209.1	87.5°	214.9	201.3	155.4	132.1	109.0	110.4	111.8	125.3	138.7	279.4
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):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
5092.4	0°	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4
5476.3	2.5°	5497.0	5518.0	5547.5	5577.0	5594.6	5612.1	5620.9	5629.7	5625.8	5629.7
5888.6	5°	5961.1	6033.8	6105.7	6177.9	6216.9	6256.0	6279.7	6303.5	6321.5	6303.5
6302.9	7.5°	6420.9	6538.8	6644.9	6751.0	6814.9	6878.8	6913.4	6947.8	6964.4	6947.8
6620.5	10°	6760.0	6899.5	7024.0	7148.4	7223.9	7298.9	7332.5	7365.9	7378.6	7365.9
6814.9	12.5°	6966.1	7117.2	7229.7	7341.9	7396.6	7451.3	7469.7	7488.1	7490.0	7488.1
6933.1	15°	7063.6	7194.0	7264.5	7335.3	7337.2	7339.2	7319.6	7300.1	7277.0	7300.1
6999.5	17.5°	7087.7	7175.8	7177.2	7178.3	7099.2	7020.1	6947.6	6874.9	6823.7	6874.9
7072.8	20°	7103.5	7134.4	7041.6	6948.7	6774.0	6599.4	6472.1	6344.9	6266.8	6344.9
7157.8	22.5°	7117.6	7077.3	6885.0	6692.8	6435.8	6178.8	6019.8	5860.7	5774.3	5860.7
7267.3	25°	7140.2	7013.2	6721.3	6429.3	6117.3	5805.2	5637.9	5471.1	5389.4	5471.1
7415.8	27.5°	7188.7	6961.4	6574.7	6188.2	5842.3	5496.5	5331.9	5167.6	5090.4	5167.6
7616.1	30°	7277.4	6939.0	6463.0	5986.9	5626.6	5266.3	5113.7	4961.0	4889.1	4961.0
7852.5	32.5°	7388.8	6925.3	6386.7	5848.2	5509.6	5170.9	5051.1	4931.1	4879.4	4931.1
8139.8	35°	7572.3	7005.0	6443.8	5882.8	5647.5	5412.4	5384.5	5356.5	5352.3	5356.5
8623.4	37.5°	7955.9	7288.4	6778.3	6268.3	6253.1	6237.8	6365.6	6493.4	6559.9	6493.4
9354.2	40°	8628.3	7902.3	7523.0	7143.8	7411.5	7679.2	7989.9	8300.6	8455.3	8300.6
10323.5	42.5°	9603.2	8882.9	8664.4	8446.0	9029.8	9613.7	10178.9	10744.0	11075.8	10744.0
11520.3	45°	10873.3	10226.1	10129.8	10033.3	10968.7	11904.3	12832.9	13761.7	14325.4	13761.7
13017.2	47.5°	12387.8	11758.1	11738.6	11719.1	13068.6	14417.7	15777.1	17136.4	17934.6	17136.4
14979.1	50°	14201.5	13424.2	13427.5	13430.8	15170.0	16909.1	18703.6	20498.0	21582.9	20498.0
17231.2	52.5°	16289.7	15348.4	15253.2	15157.9	17235.3	19312.7	21532.9	23752.9	25053.4	23752.9
19628.8	55°	18698.7	17768.5	17397.5	17026.4	19338.4	21650.3	24297.1	26944.0	28490.6	26944.0
21809.6	57.5°	21303.1	20796.4	20052.1	19308.0	21642.5	23977.1	26975.0	29972.8	31890.7	29972.8
23127.6	60°	23914.3	24701.3	23777.0	22852.7	25062.0	27271.3	30481.1	33690.8	35763.7	33690.8
22458.3	62.5°	24608.0	26757.7	26653.6	26549.2	28573.1	30597.1	33651.0	36704.6	38620.6	36704.6
21118.8	65°	23136.4	25154.0	25553.2	25952.3	28524.2	31096.4	34057.6	37018.7	38649.9	37018.7
19324.0	67.5°	21242.9	23161.8	23349.0	23536.0	26215.9	28895.5	31869.4	34843.4	36121.3	34843.4
17167.7	70°	19254.8	21342.2	21425.8	21509.6	23906.1	26302.4	28861.7	31420.8	32131.1	31420.8
14598.0	72.5°	16993.2	19388.5	19448.7	19508.6	21383.6	23258.5	25175.3	27091.9	27163.8	27091.9
11347.4	75°	13826.4	16305.3	16527.9	16750.5	18209.2	19667.9	21017.2	22366.5	22005.0	22366.5
8107.5	77.5°	10421.5	12735.8	13054.3	13372.8	14481.8	15590.7	16547.6	17504.7	16883.3	17504.7
5306.3	80°	7253.2	9199.9	9595.8	9991.6	10829.2	11666.3	12168.9	12671.3	11671.8	12671.3
3084.5	82.5°	4415.5	5746.6	6188.8	6631.2	7207.7	7784.1	7993.8	8203.3	7417.7	8203.3
1357.1	85°	2063.5	2769.9	3146.1	3522.2	3995.9	4469.4	4588.4	4707.4	4078.2	4707.4
420.1	87.5°	657.6	895.0	1104.8	1314.7	1551.5	1788.4	1798.5	1808.5	1518.3	1808.5
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°
5092.4	0°	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4	5092.4
5620.9	2.5°	5612.1	5594.6	5577.0	5547.5	5518.0	5497.0	5476.3
6279.7	5°	6256.0	6216.9	6177.9	6105.7	6033.8	5961.1	5888.6
6913.4	7.5°	6878.8	6814.9	6751.0	6644.9	6538.8	6420.9	6302.9
7332.5	10°	7298.9	7223.9	7148.4	7024.0	6899.5	6760.0	6620.5
7469.7	12.5°	7451.3	7396.6	7341.9	7229.7	7117.2	6966.1	6814.9
7319.6	15°	7339.2	7337.2	7335.3	7264.5	7194.0	7063.6	6933.1
6947.6	17.5°	7020.1	7099.2	7178.3	7177.2	7175.8	7087.7	6999.5
6472.1	20°	6599.4	6774.0	6948.7	7041.6	7134.4	7103.5	7072.8
6019.8	22.5°	6178.8	6435.8	6692.8	6885.0	7077.3	7117.6	7157.8
5637.9	25°	5805.2	6117.3	6429.3	6721.3	7013.2	7140.2	7267.3
5331.9	27.5°	5496.5	5842.3	6188.2	6574.7	6961.4	7188.7	7415.8
5113.7	30°	5266.3	5626.6	5986.9	6463.0	6939.0	7277.4	7616.1
5051.1	32.5°	5170.9	5509.6	5848.2	6386.7	6925.3	7388.8	7852.5
5384.5	35°	5412.4	5647.5	5882.8	6443.8	7005.0	7572.3	8139.8
6365.6	37.5°	6237.8	6253.1	6268.3	6778.3	7288.4	7955.9	8623.4
7989.9	40°	7679.2	7411.5	7143.8	7523.0	7902.3	8628.3	9354.2
10178.9	42.5°	9613.7	9029.8	8446.0	8664.4	8882.9	9603.2	10323.5
12832.9	45°	11904.3	10968.7	10033.3	10129.8	10226.1	10873.3	11520.3
15777.1	47.5°	14417.7	13068.6	11719.1	11738.6	11758.1	12387.8	13017.2
18703.6	50°	16909.1	15170.0	13430.8	13427.5	13424.2	14201.5	14979.1
21532.9	52.5°	19312.7	17235.3	15157.9	15253.2	15348.4	16289.7	17231.2
24297.1	55°	21650.3	19338.4	17026.4	17397.5	17768.5	18698.7	19628.8
26975.0	57.5°	23977.1	21642.5	19308.0	20052.1	20796.4	21303.1	21809.6
30481.1	60°	27271.3	25062.0	22852.7	23777.0	24701.3	23914.3	23127.6
33651.0	62.5°	30597.1	28573.1	26549.2	26653.6	26757.7	24608.0	22458.3
34057.6	65°	31096.4	28524.2	25952.3	25553.2	25154.0	23136.4	21118.8
31869.4	67.5°	28895.5	26215.9	23536.0	23349.0	23161.8	21242.9	19324.0
28861.7	70°	26302.4	23906.1	21509.6	21425.8	21342.2	19254.8	17167.7
25175.3	72.5°	23258.5	21383.6	19508.6	19448.7	19388.5	16993.2	14598.0
21017.2	75°	19667.9	18209.2	16750.5	16527.9	16305.3	13826.4	11347.4
16547.6	77.5°	15590.7	14481.8	13372.8	13054.3	12735.8	10421.5	8107.5
12168.9	80°	11666.3	10829.2	9991.6	9595.8	9199.9	7253.2	5306.3
7993.8	82.5°	7784.1	7207.7	6631.2	6188.8	5746.6	4415.5	3084.5
4588.4	85°	4469.4	3995.9	3522.2	3146.1	2769.9	2063.5	1357.1
1798.5	87.5°	1788.4	1551.5	1314.7	1104.8	895.0	657.6	420.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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