

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: P648056

Luminaire Tested: **GALN-SA7A-835-U-SLR**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P648056  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-22)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/4/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GALN-SA7A-835-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(7) 80 CRI, 3500K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 21498 lumens  
Efficiency: N/A  
Efficacy: 100.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G3

Input Watts (W): 215  
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

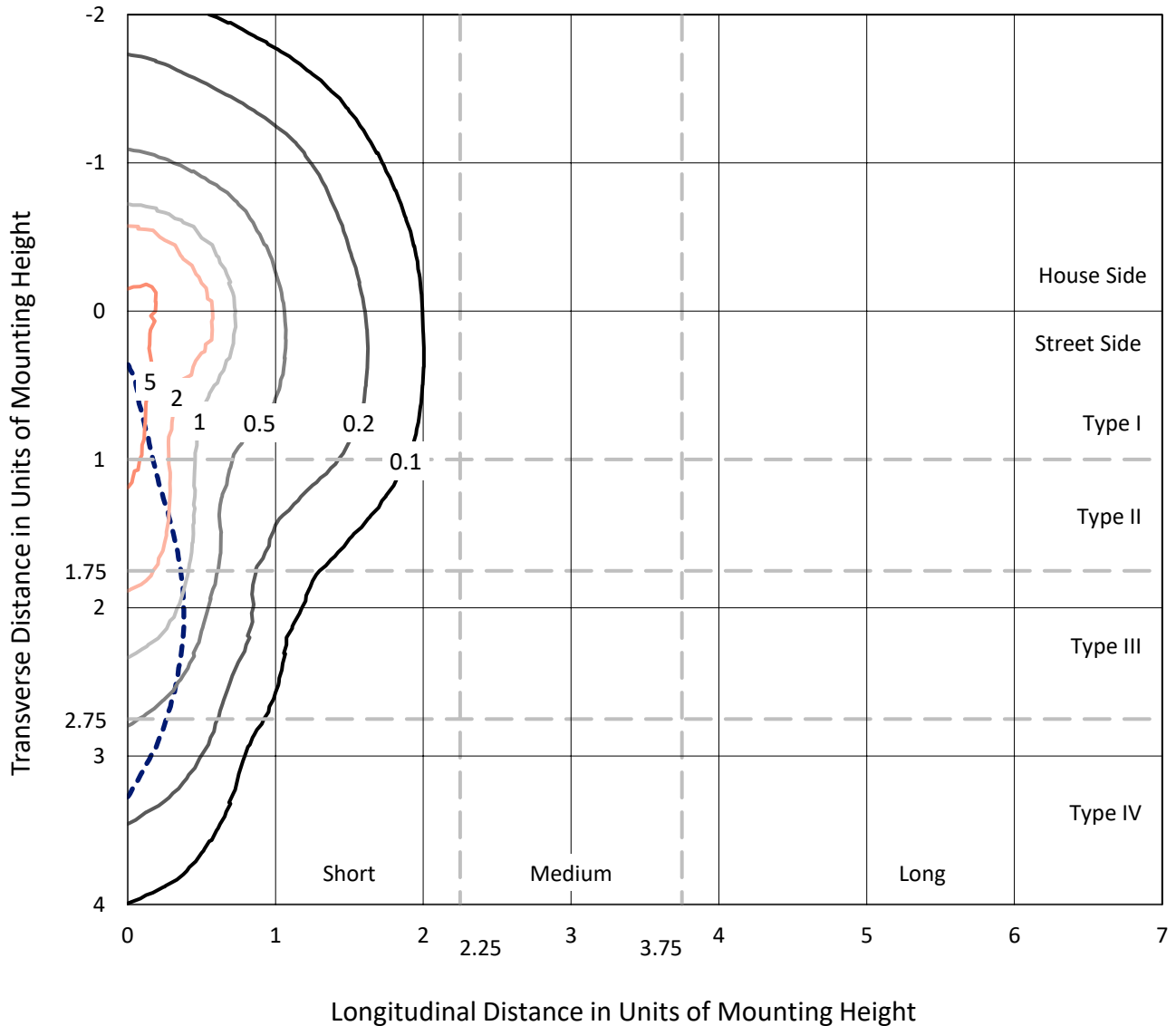




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### Iso-Footcandle Lines of Horizontal Illumination

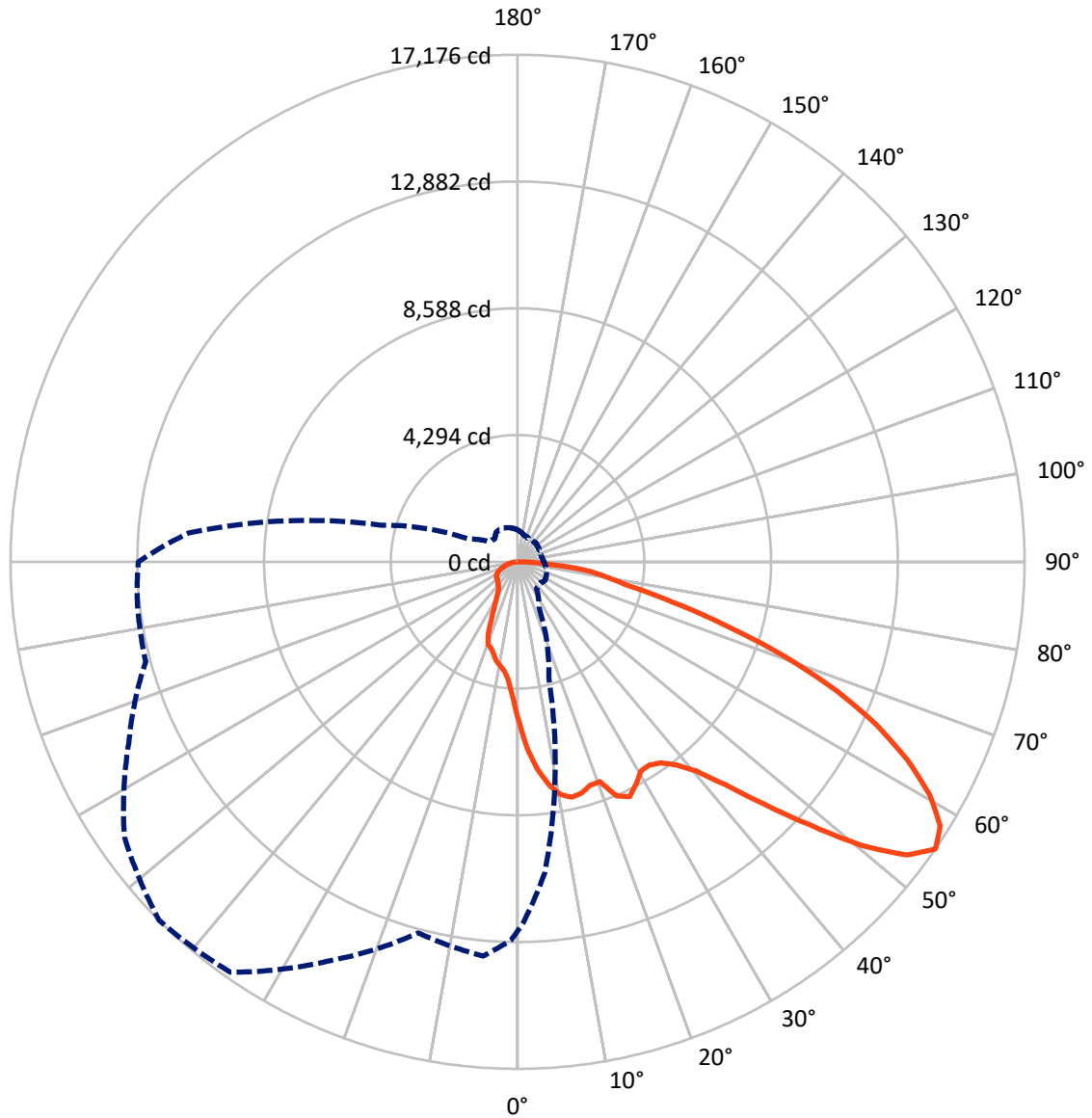
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.2 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral      - - - Horizontal Cone Through 55-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4702.6	0.0	4702.6
	% Fixture	21.9	0.0	21.9
<b>Street Side</b>	Lumens	16795.5	0.0	16795.5
	% Fixture	78.1	0.0	78.1
<b>Total</b>	Lumens	21498.0	0.0	21498.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	457.3	2.1
10°-20°	1213.1	5.6
20°-30°	2095.7	9.7
30°-40°	2435.5	11.3
40°-50°	3398.1	15.8
50°-60°	4610.8	21.4
60°-70°	4386.6	20.4
70°-80°	2369.8	11.0
80°-90°	531.1	2.5
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°	21498.0	100.0
0°-180°	21498.0	100.0

**Coefficient of Utilization**



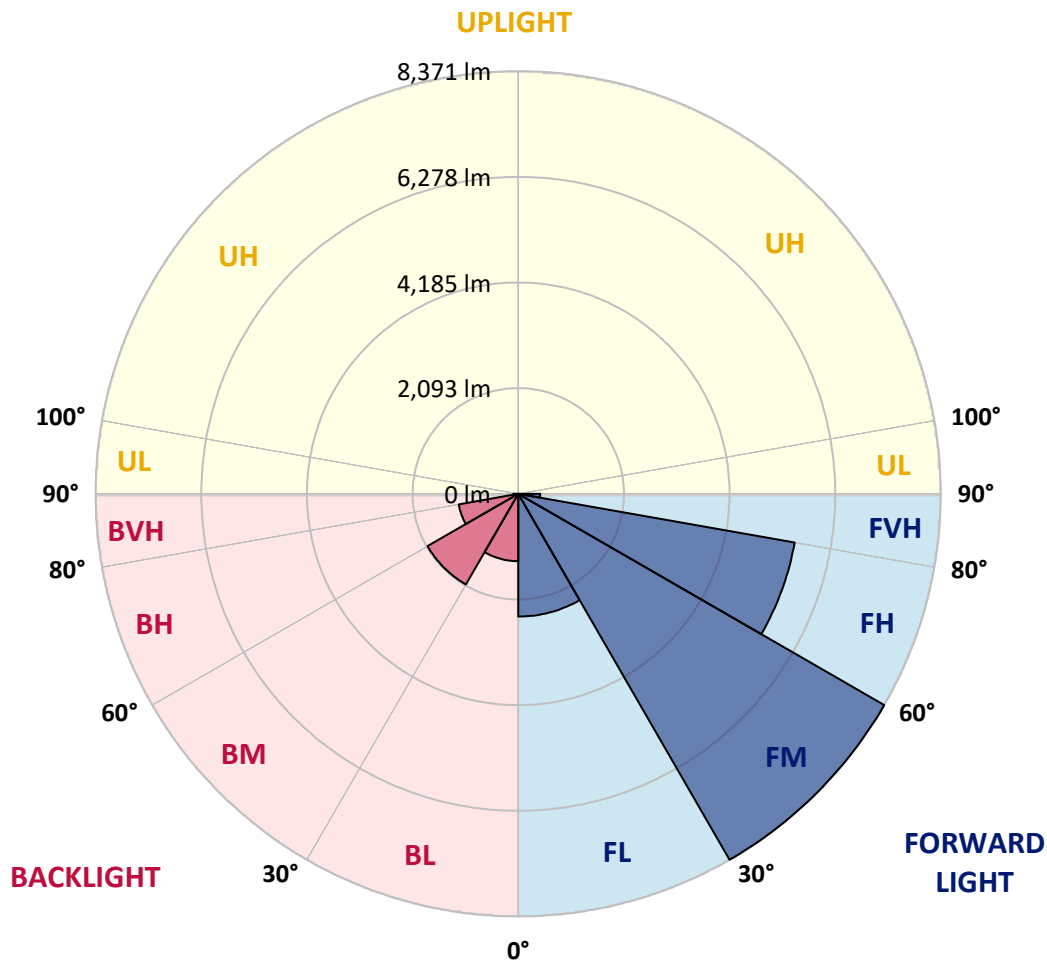
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2431.5	11.3			
FM (30°-60°)	8370.9	38.9			
FH (60°-80°)	5559.0	25.9			G3/7500
FVH (80°-90°)	434.1	2.0			G3/500
BL (0°-30°)	1334.6	6.2	B3/2500		
BM (30°-60°)	2073.5	9.6	B2/2500		
BH (60°-80°)	1197.4	5.6	B3/2500		G3/2500
BVH (80°-90°)	97.1	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G3**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5395.2	5395.2	5395.2	5395.2	5395.2	5395.2	5395.2	5395.2	5395.2	5395.2	5395.2
2.5°	5993.7	5971.0	5907.2	5739.8	5571.0	5399.4	5267.6	5103.0	4931.4	4839.2	4721.5
5°	6075.9	6050.4	5900.1	5522.8	5181.0	4822.2	4535.7	4284.7	4182.6	4032.2	3911.6
7.5°	5883.1	5871.7	5646.2	5104.5	4636.4	4167.0	3842.2	3640.7	3457.8	3389.7	3403.9
10°	5707.2	5661.8	5379.6	4671.8	4125.8	3744.3	3511.7	3314.5	3185.5	3151.4	3158.5
12.5°	5561.1	5500.1	5166.9	4381.1	3903.1	3598.2	3301.8	3096.1	2978.4	3011.0	3121.7
15°	5531.3	5449.1	5077.4	4281.8	3781.2	3388.3	3063.5	2826.6	2738.7	2809.6	2986.9
17.5°	5724.2	5620.7	5230.7	4314.4	3664.8	3174.1	2775.6	2504.7	2431.0	2544.4	2775.6
20°	6344.0	6190.9	5708.6	4503.0	3653.5	3067.8	2608.3	2335.9	2367.1	2582.7	2823.8
22.5°	7490.0	7260.2	6545.4	4778.2	3713.1	3040.8	2574.2	2432.4	2603.9	2786.9	2945.8
25°	7716.9	7536.8	6695.7	4840.6	3700.3	3022.4	2670.7	2741.5	2933.0	3023.8	2968.5
27.5°	7844.6	7638.9	6685.8	4531.5	3308.9	2741.5	2552.9	2670.7	2718.9	2631.0	2480.6
30°	8142.4	7928.3	6854.6	4206.7	2724.5	2033.8	1782.8	1734.6	1767.2	1784.2	1730.3
32.5°	8552.3	8341.0	7172.3	3993.9	2355.8	1682.1	1435.3	1367.2	1351.6	1333.2	1311.9
35°	9082.7	8757.9	7484.3	3857.8	2204.0	1555.9	1328.9	1276.4	1255.1	1229.6	1207.0
37.5°	9621.7	9281.3	7878.6	3714.5	2103.3	1467.9	1258.0	1233.9	1197.1	1170.1	1137.5
40°	10194.7	9813.1	8237.4	3589.7	2005.5	1411.2	1207.0	1204.1	1155.9	1124.7	1086.4
42.5°	10691.1	10298.2	8558.0	3513.1	1930.3	1351.6	1175.8	1184.3	1134.6	1087.8	1038.2
45°	11085.3	10699.5	8854.4	3513.1	1869.3	1292.0	1170.1	1164.4	1114.8	1056.7	999.9
47.5°	11431.4	11032.9	9143.7	3602.4	1831.0	1242.4	1138.9	1148.8	1097.8	1024.0	968.7
50°	11699.4	11347.7	9533.7	3741.4	1792.7	1202.7	1099.2	1153.0	1083.6	1007.0	943.1
52.5°	12041.3	11726.4	10003.2	3931.5	1760.1	1158.8	1063.7	1153.0	1082.2	1008.4	938.9
55°	12515.0	12183.1	10569.1	4088.9	1707.6	1117.6	1032.5	1120.5	1077.9	1001.3	927.5
57.5°	12846.8	12598.6	10969.0	4193.9	1632.5	1065.1	1004.1	1089.2	1059.5	974.4	893.6
58°	12862.5	12619.9	11027.2	4218.0	1614.0	1055.2	997.1	1075.1	1050.9	963.0	882.2
60°	12683.7	12475.3	11038.6	4184.0	1509.1	1005.5	960.2	1016.9	1005.5	896.4	821.2
62.5°	12034.2	11811.5	10580.4	3907.4	1370.1	944.6	903.4	938.9	913.4	802.7	733.3
65°	11110.8	10701.0	9638.7	3473.4	1270.8	879.3	826.8	829.7	802.7	723.3	662.3
67.5°	9881.2	9423.1	8160.8	2927.3	1195.6	807.0	736.1	729.0	696.4	645.3	595.7
70°	8367.9	8054.5	6631.9	2381.3	1111.9	727.6	634.0	629.7	609.9	571.6	527.6
72.5°	6782.3	6383.7	5355.5	1906.2	1009.8	651.0	538.9	547.5	521.9	495.0	455.2
75°	5005.2	4744.2	4140.0	1528.9	872.3	567.3	449.6	452.4	441.1	412.7	381.6
77.5°	3296.1	3218.1	2961.4	1004.1	670.9	451.0	367.3	370.2	361.7	336.1	303.5
80°	2218.2	2165.7	2006.9	646.8	448.2	326.2	283.7	286.5	285.1	258.2	214.2
82.5°	1367.2	1344.6	1293.5	436.8	310.6	234.0	187.2	195.8	211.3	181.6	146.1
85°	645.3	646.8	781.5	238.3	183.0	150.3	102.1	109.2	109.2	109.2	82.3
87.5°	83.7	87.9	107.8	100.7	66.6	56.8	36.9	31.2	26.9	35.5	25.5
90°	0.0	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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5395.2	5395.2	5395.2	5395.2	5395.2	5395.2	5395.2	5395.2	5395.2	5395.2	5395.2
2.5°	4680.4	4652.0	4591.0	4576.8	4568.3	4592.5	4528.6	4545.6	4517.3	4596.7	4583.9
5°	3918.8	3921.6	3971.2	4003.8	4015.1	4003.8	3961.3	3887.5	3830.8	3808.1	3813.8
7.5°	3376.9	3426.6	3511.7	3606.7	3693.3	3718.8	3694.7	3554.2	3401.0	3304.7	3273.4
10°	3196.8	3263.5	3361.3	3436.5	3513.1	3574.1	3586.8	3477.6	3296.1	3067.8	2978.4
12.5°	3206.8	3297.5	3391.1	3415.2	3408.2	3432.3	3420.9	3402.4	3283.4	2992.6	2843.7
15°	3113.1	3220.9	3286.2	3273.4	3250.7	3229.4	3199.7	3152.8	3110.3	2906.1	2741.5
17.5°	2897.6	3008.2	3062.1	3066.3	3066.3	3060.7	2988.3	2971.3	2965.6	2866.3	2765.6
20°	2937.3	2998.3	2974.1	2934.4	2945.8	2984.1	2941.5	2933.0	2965.6	3009.6	2991.1
22.5°	2960.0	2938.7	2757.2	2581.3	2541.5	2660.7	2684.8	2779.9	2911.7	3070.6	3174.1
25°	2819.6	2647.9	2323.2	2124.6	2012.5	2123.2	2267.9	2443.7	2640.8	2845.1	2965.6
27.5°	2357.2	2226.7	1994.1	1815.4	1717.5	1734.6	1858.0	2018.3	2201.2	2338.7	2426.7
30°	1775.7	1717.5	1597.0	1536.0	1476.4	1462.3	1514.7	1575.7	1656.6	1673.6	1696.3
32.5°	1307.7	1299.2	1306.3	1286.4	1275.0	1273.6	1258.0	1272.2	1280.8	1290.6	1270.8
35°	1182.9	1171.5	1151.6	1146.0	1138.9	1141.7	1134.6	1127.5	1133.2	1141.7	1147.4
37.5°	1119.1	1102.0	1073.6	1063.7	1063.7	1067.9	1056.7	1053.8	1063.7	1090.6	1104.8
40°	1069.4	1049.5	1016.9	1004.1	1012.7	1024.0	1008.4	1002.7	1026.8	1055.2	1077.9
42.5°	1022.6	1007.0	975.8	961.6	968.7	989.9	967.2	963.0	994.3	1025.4	1052.4
45°	982.9	967.2	938.9	931.8	934.7	954.5	938.9	938.9	968.7	1002.7	1026.8
47.5°	951.7	931.8	913.4	907.7	910.6	921.9	919.1	919.1	947.4	982.9	1007.0
50°	920.5	903.4	879.3	882.2	889.3	904.8	903.4	907.7	936.1	980.0	1005.5
52.5°	906.3	880.7	853.8	856.7	877.9	896.4	890.7	895.0	927.5	1009.8	1046.7
55°	890.7	856.7	825.4	829.7	853.8	880.7	873.7	879.3	917.6	1029.6	1080.8
57.5°	860.9	821.2	787.1	790.0	825.4	853.8	842.4	849.6	895.0	1008.4	1062.3
58°	848.1	814.1	781.5	782.9	816.9	848.1	835.4	841.0	887.8	1002.7	1053.8
60°	794.3	774.4	746.0	747.5	780.0	807.0	799.9	805.6	851.0	961.6	999.9
62.5°	720.5	709.2	702.0	702.0	721.9	747.5	754.5	761.6	802.7	869.4	903.4
65°	641.0	641.0	642.5	642.5	655.2	687.9	692.1	710.6	748.9	781.5	807.0
67.5°	587.2	584.4	587.2	580.0	585.8	605.6	626.9	643.9	683.6	706.3	714.8
70°	517.6	516.2	517.6	507.8	514.8	531.9	546.1	574.4	615.5	632.6	636.8
72.5°	449.6	449.6	452.4	445.4	445.4	463.8	473.7	504.9	543.2	553.1	554.5
75°	378.7	383.0	383.0	373.0	375.8	387.2	400.0	425.5	461.0	468.0	468.0
77.5°	300.7	316.3	316.3	306.4	310.6	312.0	329.0	341.8	368.8	371.6	360.3
80°	218.4	234.0	246.8	238.3	245.4	236.9	246.8	255.3	282.3	269.5	251.0
82.5°	156.0	167.3	177.3	178.7	171.6	156.0	168.8	170.2	183.0	165.9	156.0
85°	86.5	96.5	109.2	103.5	92.2	82.3	86.5	89.3	87.9	83.7	78.0
87.5°	22.7	24.1	26.9	19.9	18.4	15.6	21.3	21.3	24.1	25.5	24.1
90°	0.0	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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5395.2	5395.2	5395.2	5395.2	5395.2	5395.2	5395.2	5395.2	5395.2	5395.2	5395.2
2.5°	4593.9	4656.3	4790.9	4893.1	5017.9	5169.7	5348.4	5528.5	5722.8	5783.8	5868.9
5°	3801.0	3957.0	4022.3	4208.1	4392.5	4669.0	4964.0	5305.8	5680.3	5860.4	6033.4
7.5°	3247.9	3331.6	3399.6	3535.8	3757.1	4093.2	4463.3	4890.2	5420.7	5683.1	5936.9
10°	2950.0	2958.6	3042.3	3211.0	3403.9	3700.3	4050.6	4528.6	5120.0	5439.1	5737.0
12.5°	2752.9	2716.0	2806.8	2982.7	3201.1	3474.8	3796.8	4252.0	4903.0	5230.7	5590.9
15°	2579.8	2521.7	2589.8	2769.9	2985.5	3307.5	3653.5	4135.7	4818.0	5199.4	5599.4
17.5°	2584.1	2423.9	2448.0	2599.7	2813.9	3141.5	3561.3	4131.5	4947.0	5386.6	5860.4
20°	2903.2	2646.5	2537.3	2565.7	2772.8	3130.2	3603.8	4330.1	5371.1	6012.1	6518.5
22.5°	3216.6	3062.1	2886.2	2828.0	2941.5	3315.9	3874.8	4799.5	6293.0	7258.8	8173.6
25°	3107.5	3239.3	3195.4	3113.1	3138.7	3449.3	4059.2	5185.3	7009.2	8097.0	8956.5
27.5°	2486.3	2725.9	2774.2	2772.8	2782.7	3038.0	3650.7	4925.7	7098.5	8257.3	9078.5
30°	1747.3	1768.6	1794.2	1843.8	1889.1	2117.5	2856.5	4324.4	7058.8	8329.6	9152.3
32.5°	1260.9	1289.2	1324.7	1392.7	1500.5	1791.3	2499.0	4132.9	7268.7	8628.9	9367.8
35°	1153.0	1185.7	1219.8	1297.7	1399.8	1669.4	2357.2	4053.4	7613.3	9113.9	9755.0
37.5°	1119.1	1155.9	1185.7	1242.4	1324.7	1581.4	2228.1	3999.6	7966.6	9627.4	10274.1
40°	1094.9	1137.5	1161.6	1207.0	1263.7	1500.5	2113.2	3957.0	8308.3	10096.8	10691.1
42.5°	1073.6	1117.6	1148.8	1181.5	1228.2	1428.2	2011.1	3914.5	8604.8	10552.1	11106.6
45°	1048.1	1103.4	1143.1	1168.7	1209.8	1367.2	1933.1	3880.5	8942.3	10956.3	11526.5
47.5°	1026.8	1087.8	1137.5	1167.2	1182.9	1324.7	1870.7	3927.2	9347.9	11378.9	11916.5
50°	1028.2	1086.4	1148.8	1195.6	1154.5	1289.2	1832.5	4113.0	9875.5	11881.0	12224.2
52.5°	1073.6	1144.6	1194.2	1205.5	1114.8	1246.7	1812.6	4437.8	10499.6	12324.9	12534.8
55°	1124.7	1198.5	1252.3	1245.3	1093.5	1192.7	1808.3	4783.9	11183.2	12842.6	12939.1
57.5°	1106.3	1214.0	1296.3	1259.5	1094.9	1140.3	1789.9	5063.3	11754.8	13229.8	13339.0
58°	1100.6	1208.4	1302.0	1256.6	1090.6	1124.7	1785.6	5087.4	11834.2	13256.7	13395.7
60°	1045.3	1158.8	1297.7	1235.3	1066.5	1082.2	1738.8	5165.4	11813.0	13117.8	13429.8
62.5°	944.6	1038.2	1199.9	1131.8	992.8	1025.4	1633.9	5069.0	11237.1	12448.3	12931.9
65°	831.2	900.6	1008.4	995.7	887.8	967.2	1490.6	4687.4	10084.0	11361.9	11871.1
67.5°	746.0	802.7	870.9	852.4	798.5	889.3	1336.0	4042.2	8790.6	10057.1	10698.1
70°	659.5	703.4	737.5	724.7	707.8	812.7	1198.5	3280.5	7550.9	8817.5	9438.7
72.5°	571.6	612.7	641.0	622.6	612.7	731.9	1086.4	2545.8	5963.9	7274.4	8072.9
75°	477.9	519.1	538.9	517.6	512.0	645.3	920.5	1901.9	4474.7	5607.9	6297.2
77.5°	370.2	414.1	439.7	432.6	435.4	530.4	743.1	1302.0	3199.7	3822.3	4548.4
80°	259.6	307.8	324.8	317.7	337.6	404.2	524.8	826.8	2206.9	2480.6	2992.6
82.5°	160.3	205.6	208.5	215.6	229.7	299.3	395.7	503.5	1385.7	1432.5	1804.0
85°	80.8	97.9	104.9	116.3	129.0	183.0	225.5	312.0	892.1	675.1	1008.4
87.5°	26.9	28.3	34.1	42.5	52.5	75.2	96.5	127.6	221.3	122.0	312.0
90°	0.0	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):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5395.2	5395.2	5395.2	5395.2	5395.2	5395.2	5395.2	5395.2	5395.2	5395.2
2.5°	6040.5	6161.0	6249.0	6329.9	6251.8	6244.7	6168.2	6044.8	5993.7	5993.7
5°	6396.5	6678.8	6907.1	7053.2	6990.8	6840.4	6592.2	6275.9	6105.8	6075.9
7.5°	6494.4	7051.7	7475.8	7626.1	7521.2	7189.3	6714.1	6180.9	5936.9	5883.1
10°	6434.8	7159.5	7782.2	8020.4	7874.3	7372.3	6724.1	6070.3	5769.6	5707.2
12.5°	6372.4	7173.7	7838.8	8183.5	8088.5	7519.8	6796.4	5997.9	5650.4	5561.1
15°	6417.8	7179.4	7769.4	8125.3	8186.3	7697.0	6915.6	6050.4	5626.3	5531.3
17.5°	6704.3	7287.1	7670.1	7958.0	8172.2	7938.1	7254.6	6301.4	5842.0	5724.2
20°	7302.8	7545.3	7726.8	7949.5	8294.2	8430.3	7948.1	6990.8	6447.5	6344.0
22.5°	9035.9	8992.0	8620.4	8616.1	9115.4	9661.4	9628.8	8392.0	7575.1	7490.0
25°	9685.5	9481.3	8943.7	8813.2	9033.1	9875.5	9753.6	8678.5	7924.0	7716.9
27.5°	9431.6	8925.3	8572.1	8542.4	8470.0	9265.7	9559.3	8794.8	8046.0	7844.6
30°	9416.0	8671.4	8166.5	8226.0	8295.6	9055.8	9667.1	9159.3	8358.0	8142.4
32.5°	9454.3	8706.9	8196.3	8207.6	8414.7	9086.9	9786.2	9556.4	8767.9	8552.3
35°	9608.9	8908.3	8386.3	8359.4	8682.8	9291.2	9989.0	10180.5	9328.1	9082.7
37.5°	9858.5	9309.6	8733.8	8726.7	9196.2	9659.9	10241.5	10810.2	9885.5	9621.7
40°	10225.8	9779.1	9352.2	9313.9	9894.0	10259.9	10569.1	11481.1	10533.6	10194.7
42.5°	10669.8	10342.2	10167.7	10319.5	10876.9	10933.6	11079.7	12100.9	11085.3	10691.1
45°	11081.1	11065.5	11308.0	11710.8	12035.6	11695.2	11613.0	12516.4	11513.7	11085.3
47.5°	11570.4	11993.1	12724.9	13314.9	13655.3	12581.6	12068.2	12787.3	11825.7	11431.4
50°	12066.8	13103.6	14272.2	15094.8	15167.2	13544.6	12381.7	13042.6	12109.3	11699.4
52.5°	12588.8	13990.0	15545.8	16501.8	16361.4	14382.8	12685.1	13215.6	12401.5	12041.3
55°	13042.6	14533.2	16257.8	17175.5	16969.8	14893.4	13012.8	13402.8	12818.5	12515.0
57.5°	13296.4	14578.6	16080.5	16881.9	16659.2	14794.2	13163.2	13541.8	13085.1	12846.8
58°	13333.3	14517.6	15923.2	16711.7	16484.7	14710.5	13161.7	13536.1	13102.2	12862.5
60°	13300.7	14121.9	15337.4	16039.4	15801.2	14185.7	13107.8	13429.8	12886.5	12683.7
62.5°	12998.6	13435.4	14326.2	14836.8	14768.6	13366.0	12886.5	13028.4	12229.9	12034.2
65°	12601.5	12499.3	13031.2	13392.9	13444.0	12751.9	12666.7	12160.4	11387.4	11110.8
67.5°	12119.3	11438.5	11437.0	11642.7	11727.9	11807.2	12208.6	11217.3	10173.4	9881.2
70°	11301.0	9803.2	9352.2	9594.7	9523.8	10194.7	11390.3	9892.6	8709.7	8367.9
72.5°	9800.3	7779.3	7057.4	7369.4	7190.8	7994.9	9966.3	8141.0	7202.0	6782.3
75°	7943.8	5819.3	5074.6	5361.1	5250.5	6064.6	8292.8	5912.8	5165.4	5005.2
77.5°	6168.2	4216.5	3784.0	3744.3	3826.5	4513.0	6083.0	3992.5	3405.3	3296.1
80°	3962.7	3018.2	3043.7	2992.6	3035.1	2845.1	3693.3	2547.3	2306.2	2218.2
82.5°	2608.3	2103.3	2507.6	2314.6	2198.4	1913.3	2422.4	1667.9	1415.4	1367.2
85°	1777.1	1548.8	1409.8	1077.9	1269.4	1473.6	1816.8	897.8	712.0	645.3
87.5°	802.7	538.9	395.7	244.0	385.8	445.4	882.2	104.9	80.8	83.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)