

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: P459108

Luminaire Tested: **GALN-SA6A-735-U-SLR**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P459108  
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-SA6A-735-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(6) 70 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: 21775 lumens  
Efficiency: N/A  
Efficacy: 119.6 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G3

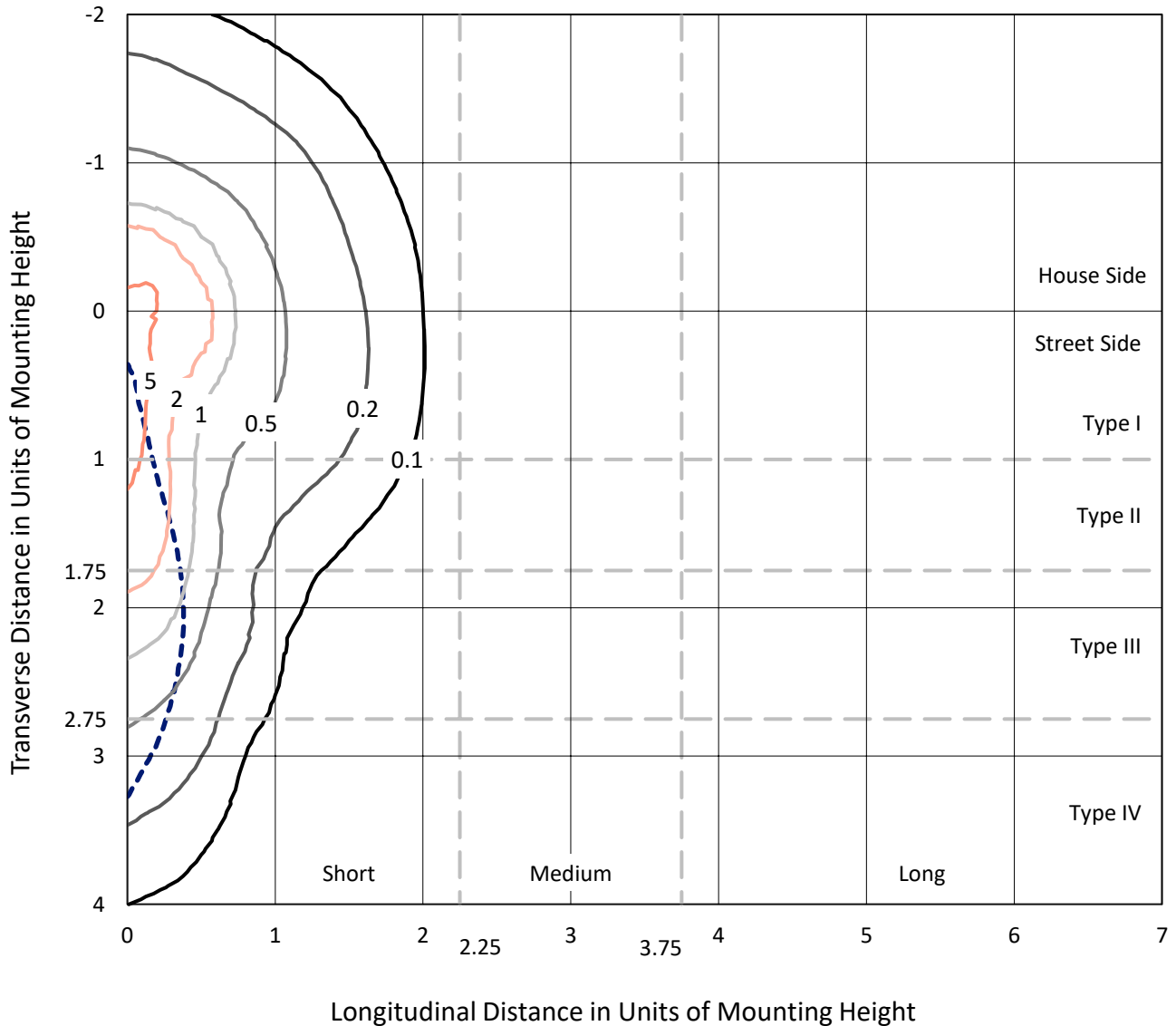
Input Watts (W): 182  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

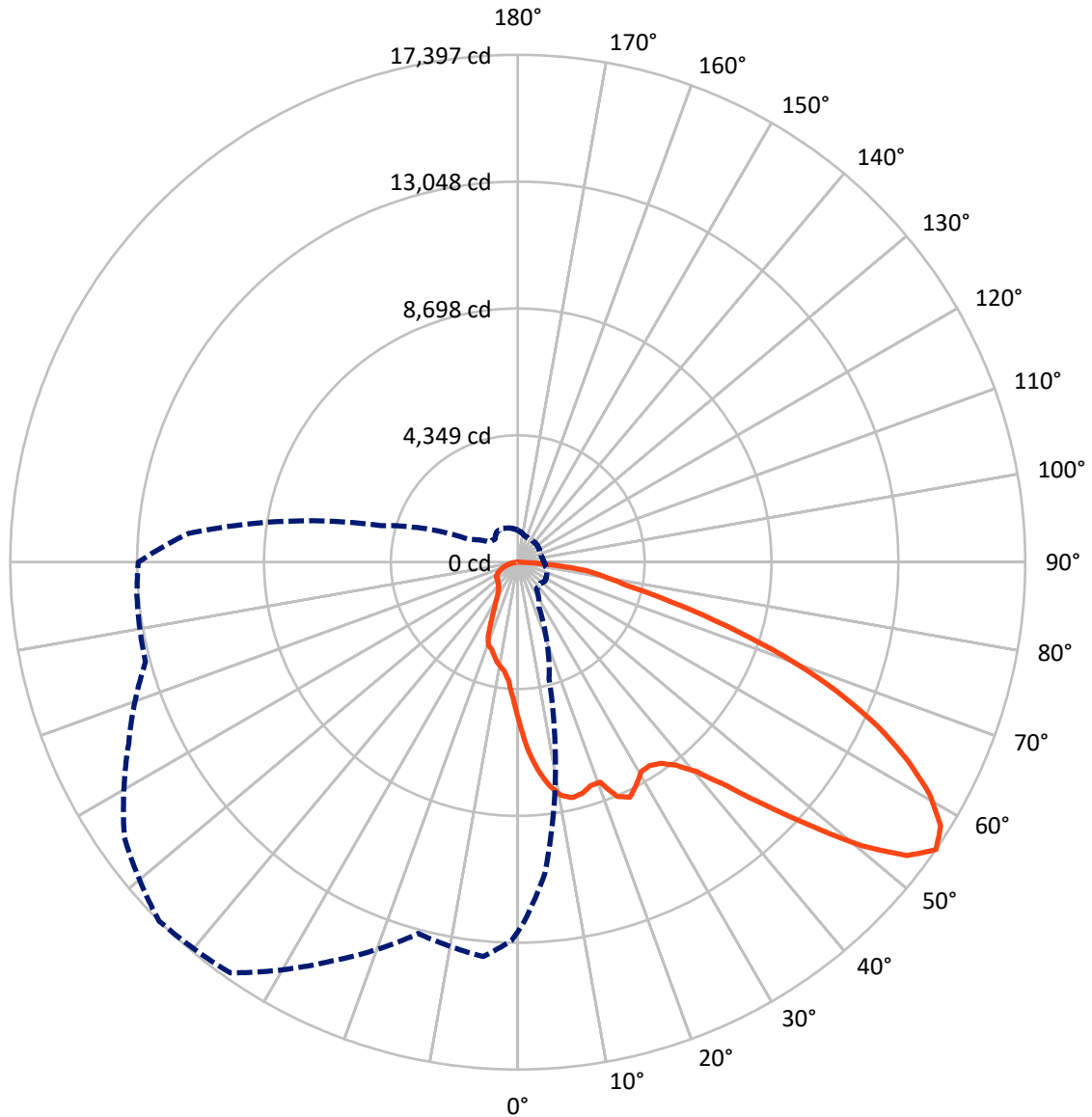
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.4 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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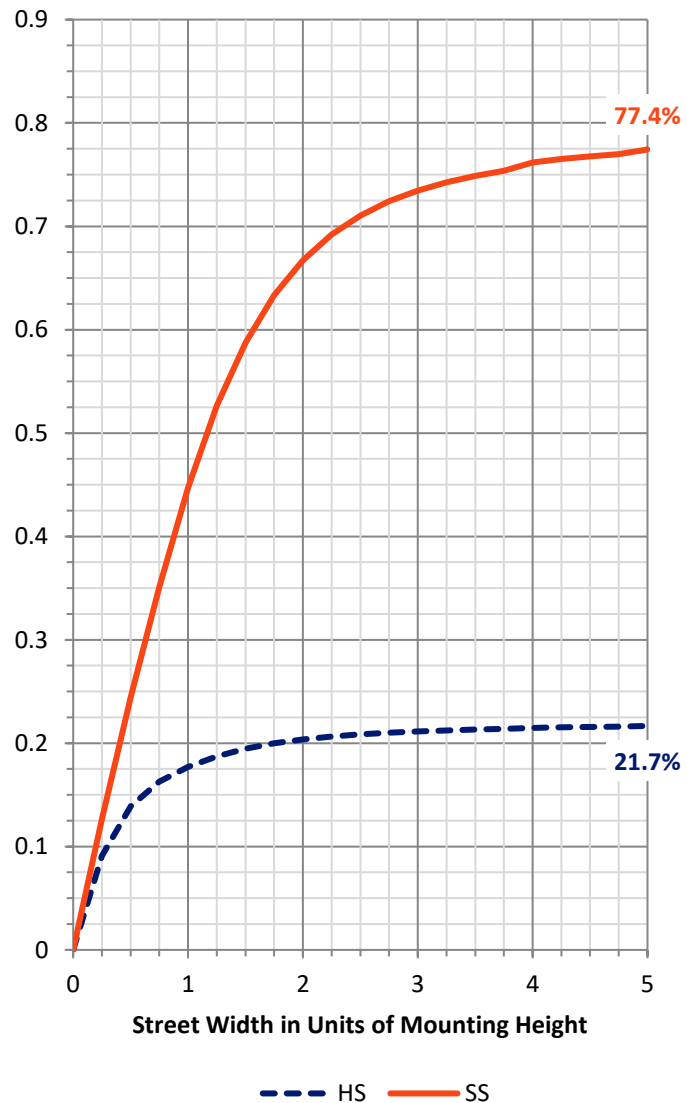
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4763.2	0.0	4763.2
	% Fixture	21.9	0.0	21.9
<b>Street Side</b>	Lumens	17011.8	0.0	17011.8
	% Fixture	78.1	0.0	78.1
<b>Total</b>	Lumens	21775.0	0.0	21775.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	463.2	2.1
10°-20°	1228.7	5.6
20°-30°	2122.7	9.7
30°-40°	2466.9	11.3
40°-50°	3441.8	15.8
50°-60°	4670.2	21.4
60°-70°	4443.2	20.4
70°-80°	2400.3	11.0
80°-90°	537.9	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°	21775.0	100.0
0°-180°	21775.0	100.0



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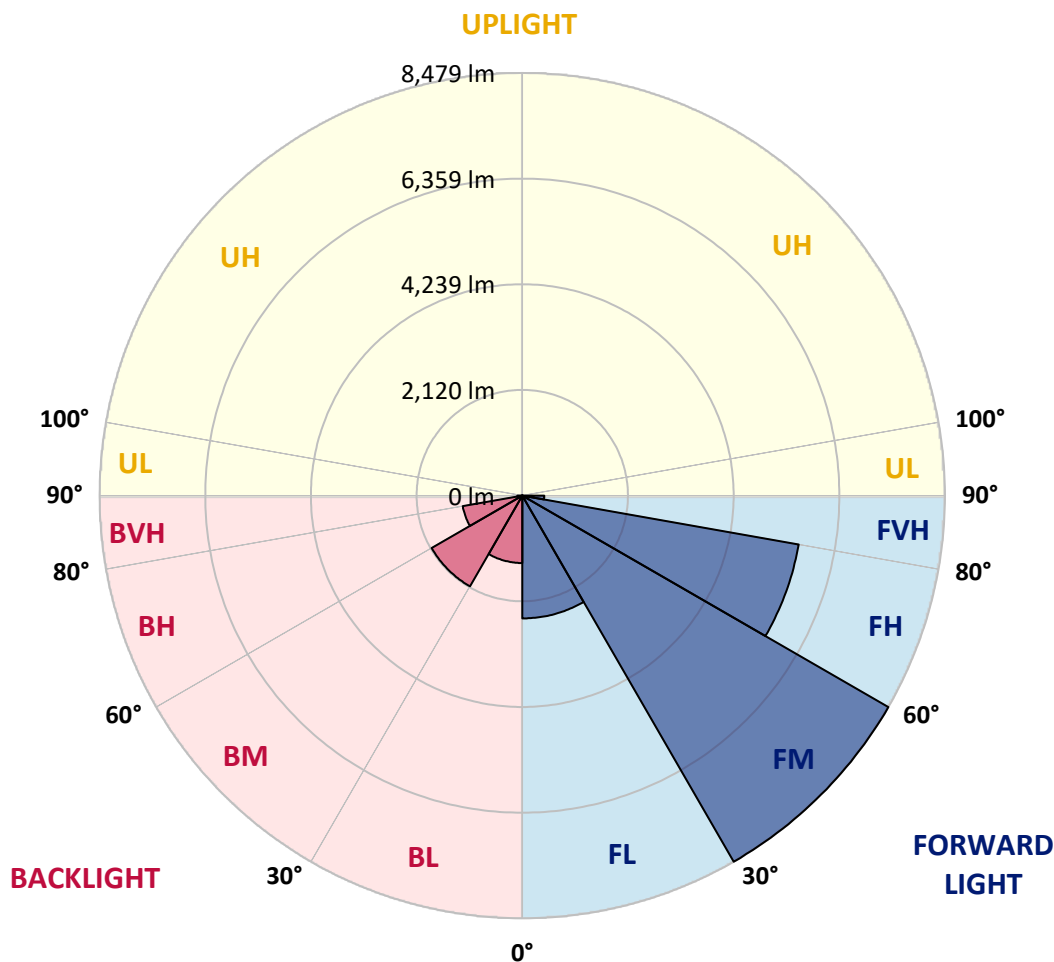
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2462.8	11.3			
FM	(30°-60°)	8478.7	38.9			
FH	(60°-80°)	5630.6	25.9			G3/7500
FVH	(80°-90°)	439.6	2.0			G3/500
BL	(0°-30°)	1351.8	6.2	B3/2500		
BM	(30°-60°)	2100.3	9.6	B2/2500		
BH	(60°-80°)	1212.8	5.6	B3/2500		G3/2500
BVH	(80°-90°)	98.3	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°	5464.7	5464.7	5464.7	5464.7	5464.7	5464.7	5464.7	5464.7	5464.7	5464.7	5464.7
2.5°	6070.9	6047.9	5983.3	5813.8	5642.8	5469.0	5335.4	5168.7	4994.9	4901.5	4782.3
5°	6154.2	6128.4	5976.1	5594.0	5247.8	4884.3	4594.1	4339.8	4236.4	4084.1	3962.0
7.5°	5958.9	5947.4	5718.9	5170.2	4696.1	4220.6	3891.6	3687.6	3502.3	3433.4	3447.7
10°	5780.7	5734.7	5448.9	4732.0	4179.0	3792.5	3556.9	3357.2	3226.5	3192.0	3199.2
12.5°	5632.8	5571.0	5233.4	4437.5	3953.4	3644.6	3344.3	3136.0	3016.8	3049.8	3161.9
15°	5602.6	5519.3	5142.9	4337.0	3829.9	3431.9	3103.0	2863.1	2774.0	2845.8	3025.4
17.5°	5798.0	5693.1	5298.0	4370.0	3712.1	3215.0	2811.3	2537.0	2462.3	2577.2	2811.3
20°	6425.7	6270.6	5782.2	4561.1	3700.6	3107.3	2641.8	2366.0	2397.6	2616.0	2860.2
22.5°	7586.5	7353.8	6629.7	4839.8	3760.9	3080.0	2607.4	2463.7	2637.5	2822.8	2983.7
25°	7816.3	7633.9	6782.0	4903.0	3748.0	3061.3	2705.0	2776.9	2970.8	3062.7	3006.7
27.5°	7945.6	7737.3	6771.9	4589.8	3351.5	2776.9	2585.8	2705.0	2753.9	2664.8	2512.5
30°	8247.3	8030.4	6942.9	4260.8	2759.6	2060.0	1805.8	1756.9	1790.0	1807.2	1752.6
32.5°	8662.5	8448.4	7264.7	4045.4	2386.1	1703.8	1453.8	1384.8	1369.0	1350.4	1328.8
35°	9199.7	8870.8	7580.7	3907.4	2232.4	1575.9	1346.1	1292.9	1271.4	1245.5	1222.5
37.5°	9745.6	9400.8	7980.1	3762.4	2130.4	1486.8	1274.2	1249.8	1212.5	1185.2	1152.1
40°	10326.0	9939.6	8343.5	3635.9	2031.3	1429.4	1222.5	1219.6	1170.8	1139.2	1100.4
42.5°	10828.8	10430.9	8668.2	3558.4	1955.2	1369.0	1190.9	1199.5	1149.2	1101.8	1051.6
45°	11228.2	10837.4	8968.4	3558.4	1893.4	1308.7	1185.2	1179.4	1129.1	1070.2	1012.8
47.5°	11578.7	11175.0	9261.5	3648.9	1854.6	1258.4	1153.6	1163.6	1111.9	1037.2	981.2
50°	11850.2	11493.9	9656.6	3789.6	1815.8	1218.2	1113.3	1167.9	1097.5	1020.0	955.3
52.5°	12196.4	11877.5	10132.1	3982.1	1782.8	1173.7	1077.4	1167.9	1096.1	1021.4	951.0
55°	12676.2	12340.1	10705.2	4141.6	1729.6	1132.0	1045.8	1134.9	1091.8	1014.2	939.5
57.5°	13012.4	12761.0	11110.4	4247.9	1653.5	1078.9	1017.1	1103.3	1073.1	986.9	905.0
58°	13028.2	12782.5	11169.3	4272.3	1634.8	1068.8	1009.9	1088.9	1064.5	975.4	893.5
60°	12847.2	12636.0	11180.7	4237.9	1528.5	1018.5	972.6	1030.0	1018.5	907.9	831.8
62.5°	12189.2	11963.7	10716.7	3957.7	1387.7	956.7	915.1	951.0	925.1	813.1	742.7
65°	11254.0	10838.8	9762.9	3518.1	1287.2	890.7	837.5	840.4	813.1	732.6	670.9
67.5°	10008.5	9544.5	8266.0	2965.1	1211.0	817.4	745.6	738.4	705.4	653.6	603.4
70°	8475.7	8158.2	6717.4	2412.0	1126.3	737.0	642.1	637.8	617.7	578.9	534.4
72.5°	6869.6	6466.0	5424.5	1930.7	1022.8	659.4	545.9	554.5	528.7	501.4	461.1
75°	5069.6	4805.3	4193.3	1548.6	883.5	574.6	455.4	458.3	446.8	418.0	386.4
77.5°	3338.6	3259.6	2999.5	1017.1	679.5	456.8	372.1	374.9	366.3	340.5	307.4
80°	2246.8	2193.6	2032.7	655.1	454.0	330.4	287.3	290.2	288.7	261.5	216.9
82.5°	1384.8	1361.9	1310.1	442.5	314.6	237.0	189.6	198.2	214.0	183.9	148.0
85°	653.6	655.1	791.5	241.3	185.3	152.3	103.4	110.6	110.6	110.6	83.3
87.5°	84.8	89.1	109.2	102.0	67.5	57.5	37.4	31.6	27.3	35.9	25.9
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°	5464.7	5464.7	5464.7	5464.7	5464.7	5464.7	5464.7	5464.7	5464.7	5464.7	5464.7
2.5°	4740.6	4711.9	4650.1	4635.8	4627.2	4651.6	4586.9	4604.2	4575.4	4655.9	4643.0
5°	3969.2	3972.1	4022.4	4055.4	4066.9	4055.4	4012.3	3937.6	3880.1	3857.2	3862.9
7.5°	3420.4	3470.7	3556.9	3653.2	3740.8	3766.7	3742.2	3600.0	3444.9	3347.2	3315.6
10°	3238.0	3305.5	3404.6	3480.8	3558.4	3620.1	3633.1	3522.4	3338.6	3107.3	3016.8
12.5°	3248.1	3340.0	3434.8	3459.2	3452.1	3476.5	3465.0	3446.3	3325.6	3031.1	2880.3
15°	3153.2	3262.4	3328.5	3315.6	3292.6	3271.0	3240.9	3193.5	3150.4	2943.5	2776.9
17.5°	2934.9	3046.9	3101.5	3105.8	3105.8	3100.1	3026.8	3009.6	3003.8	2903.3	2801.3
20°	2975.1	3036.9	3012.5	2972.2	2983.7	3022.5	2979.4	2970.8	3003.8	3048.4	3029.7
22.5°	2998.1	2976.6	2792.7	2614.5	2574.3	2695.0	2719.4	2815.7	2949.3	3110.2	3215.0
25°	2855.9	2682.1	2353.1	2152.0	2038.5	2150.5	2297.1	2475.2	2674.9	2881.7	3003.8
27.5°	2387.6	2255.4	2019.8	1838.8	1739.7	1756.9	1881.9	2044.2	2229.5	2368.9	2458.0
30°	1798.6	1739.7	1617.6	1555.8	1495.5	1481.1	1534.2	1596.0	1677.9	1695.1	1718.1
32.5°	1324.5	1315.9	1323.1	1303.0	1291.5	1290.0	1274.2	1288.6	1297.2	1307.3	1287.2
35°	1198.1	1186.6	1166.5	1160.7	1153.6	1156.4	1149.2	1142.1	1147.8	1156.4	1162.2
37.5°	1133.4	1116.2	1087.5	1077.4	1077.4	1081.7	1070.2	1067.4	1077.4	1104.7	1119.1
40°	1083.2	1063.1	1030.0	1017.1	1025.7	1037.2	1021.4	1015.6	1040.1	1068.8	1091.8
42.5°	1035.8	1020.0	988.4	974.0	981.2	1002.7	979.7	975.4	1007.0	1038.6	1065.9
45°	995.5	979.7	951.0	943.8	946.7	966.8	951.0	951.0	981.2	1015.6	1040.1
47.5°	963.9	943.8	925.1	919.4	922.3	933.8	930.9	930.9	959.6	995.5	1020.0
50°	932.3	915.1	890.7	893.5	900.7	916.5	915.1	919.4	948.1	992.7	1018.5
52.5°	918.0	892.1	864.8	867.7	889.2	907.9	902.2	906.5	939.5	1022.8	1060.2
55°	902.2	867.7	836.1	840.4	864.8	892.1	884.9	890.7	929.5	1042.9	1094.7
57.5°	872.0	831.8	797.3	800.2	836.1	864.8	853.3	860.5	906.5	1021.4	1076.0
58°	859.1	824.6	791.5	793.0	827.5	859.1	846.1	851.9	899.3	1015.6	1067.4
60°	804.5	784.4	755.6	757.1	790.1	817.4	810.2	816.0	861.9	974.0	1012.8
62.5°	729.8	718.3	711.1	711.1	731.2	757.1	764.2	771.4	813.1	880.6	915.1
65°	649.3	649.3	650.8	650.8	663.7	696.7	701.0	719.7	758.5	791.5	817.4
67.5°	594.7	591.9	594.7	587.6	593.3	613.4	635.0	652.2	692.4	715.4	724.0
70°	524.3	522.9	524.3	514.3	521.5	538.7	553.1	581.8	623.5	640.7	645.0
72.5°	455.4	455.4	458.3	451.1	451.1	469.8	479.8	511.4	550.2	560.3	561.7
75°	383.6	387.9	387.9	377.8	380.7	392.2	405.1	431.0	466.9	474.1	474.1
77.5°	304.6	320.4	320.4	310.3	314.6	316.0	333.3	346.2	373.5	376.4	364.9
80°	221.2	237.0	250.0	241.3	248.5	239.9	250.0	258.6	285.9	272.9	254.3
82.5°	158.0	169.5	179.6	181.0	173.8	158.0	171.0	172.4	185.3	168.1	158.0
85°	87.6	97.7	110.6	104.9	93.4	83.3	87.6	90.5	89.1	84.8	79.0
87.5°	23.0	24.4	27.3	20.1	18.7	15.8	21.5	21.5	24.4	25.9	24.4
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°	5464.7	5464.7	5464.7	5464.7	5464.7	5464.7	5464.7	5464.7	5464.7	5464.7	5464.7
2.5°	4653.0	4716.2	4852.7	4956.1	5082.5	5236.3	5417.3	5599.7	5796.5	5858.3	5944.5
5°	3850.0	4008.0	4074.1	4262.3	4449.0	4729.2	5028.0	5374.2	5753.4	5935.9	6111.1
7.5°	3289.7	3374.5	3443.4	3581.3	3805.4	4145.9	4520.9	4953.3	5490.5	5756.3	6013.4
10°	2988.0	2996.7	3081.4	3252.4	3447.7	3748.0	4102.8	4586.9	5186.0	5509.2	5810.9
12.5°	2788.4	2751.0	2843.0	3021.1	3242.3	3519.6	3845.7	4306.8	4966.2	5298.0	5662.9
15°	2613.1	2554.2	2623.2	2805.6	3024.0	3350.1	3700.6	4189.0	4880.0	5266.4	5671.5
17.5°	2617.4	2455.1	2479.5	2633.2	2850.1	3182.0	3607.2	4184.7	5010.7	5456.1	5935.9
20°	2940.6	2680.6	2570.0	2598.7	2808.5	3170.5	3650.3	4385.8	5440.3	6089.6	6602.4
22.5°	3258.1	3101.5	2923.4	2864.5	2979.4	3358.7	3924.7	4861.3	6374.0	7352.3	8278.9
25°	3147.5	3281.1	3236.6	3153.2	3179.1	3493.7	4111.4	5252.1	7099.5	8201.3	9071.9
27.5°	2518.3	2761.1	2809.9	2808.5	2818.5	3077.1	3697.7	4989.2	7190.0	8363.7	9195.4
30°	1769.8	1791.4	1817.2	1867.5	1913.5	2144.8	2893.2	4380.1	7149.8	8436.9	9270.1
32.5°	1277.1	1305.8	1341.7	1410.7	1519.9	1814.4	2531.2	4186.1	7362.4	8740.0	9488.5
35°	1167.9	1201.0	1235.4	1314.5	1417.9	1690.8	2387.6	4105.7	7711.5	9231.3	9880.7
37.5°	1133.4	1170.8	1201.0	1258.4	1341.7	1601.8	2256.8	4051.1	8069.2	9751.4	10406.4
40°	1109.0	1152.1	1176.5	1222.5	1280.0	1519.9	2140.5	4008.0	8415.4	10226.9	10828.8
42.5°	1087.5	1132.0	1163.6	1196.7	1244.1	1446.6	2037.0	3964.9	8715.6	10688.0	11249.7
45°	1061.6	1117.6	1157.9	1183.7	1225.4	1384.8	1958.0	3930.4	9057.5	11097.4	11674.9
47.5°	1040.1	1101.8	1152.1	1182.3	1198.1	1341.7	1894.8	3977.8	9468.4	11525.5	12070.0
50°	1041.5	1100.4	1163.6	1211.0	1169.4	1305.8	1856.0	4166.0	10002.8	12034.1	12381.7
52.5°	1087.5	1159.3	1209.6	1221.1	1129.1	1262.7	1835.9	4495.0	10634.9	12483.7	12696.3
55°	1139.2	1213.9	1268.5	1261.3	1107.6	1208.1	1831.6	4845.5	11327.3	13008.1	13105.7
57.5°	1120.5	1229.7	1313.0	1275.7	1109.0	1155.0	1812.9	5128.5	11906.2	13400.2	13510.8
58°	1114.8	1223.9	1318.8	1272.8	1104.7	1139.2	1808.6	5152.9	11986.7	13427.5	13568.3
60°	1058.7	1173.7	1314.5	1251.2	1080.3	1096.1	1761.2	5232.0	11965.1	13286.7	13602.8
62.5°	956.7	1051.6	1215.3	1146.4	1005.6	1038.6	1654.9	5134.3	11381.9	12608.7	13098.6
65°	841.8	912.2	1021.4	1008.5	899.3	979.7	1509.8	4747.8	10213.9	11508.3	12024.0
67.5°	755.6	813.1	882.0	863.4	808.8	900.7	1353.2	4094.2	8903.8	10186.6	10836.0
70°	668.0	712.5	747.0	734.1	716.8	823.1	1213.9	3322.8	7648.2	8931.1	9560.3
72.5°	578.9	620.6	649.3	630.6	620.6	741.3	1100.4	2578.6	6040.7	7368.1	8176.9
75°	484.1	525.8	545.9	524.3	518.6	653.6	932.3	1926.4	4532.3	5680.2	6378.3
77.5°	374.9	419.5	445.3	438.2	441.0	537.3	752.8	1318.8	3240.9	3871.5	4607.0
80°	262.9	311.7	329.0	321.8	341.9	409.4	531.5	837.5	2235.3	2512.5	3031.1
82.5°	162.3	208.3	211.2	218.4	232.7	303.1	400.8	510.0	1403.5	1450.9	1827.3
85°	81.9	99.1	106.3	117.8	130.7	185.3	228.4	316.0	903.6	683.8	1021.4
87.5°	27.3	28.7	34.5	43.1	53.2	76.1	97.7	129.3	224.1	123.5	316.0
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°	5464.7	5464.7	5464.7	5464.7	5464.7	5464.7	5464.7	5464.7	5464.7	5464.7
2.5°	6118.3	6240.4	6329.5	6411.4	6332.4	6325.2	6247.6	6122.6	6070.9	6070.9
5°	6478.9	6764.8	6996.0	7144.0	7080.8	6928.5	6677.1	6356.8	6184.4	6154.2
7.5°	6578.0	7142.6	7572.1	7724.4	7618.1	7281.9	6800.7	6260.5	6013.4	5958.9
10°	6517.7	7251.8	7882.4	8123.7	7975.8	7467.2	6810.7	6148.5	5843.9	5780.7
12.5°	6454.5	7266.1	7939.9	8289.0	8192.7	7616.6	6884.0	6075.2	5723.3	5632.8
15°	6500.4	7271.9	7869.5	8230.1	8291.8	7796.2	7004.7	6128.4	5698.8	5602.6
17.5°	6790.6	7381.0	7768.9	8060.5	8277.5	8040.4	7348.0	6382.6	5917.2	5798.0
20°	7396.8	7642.5	7826.4	8051.9	8401.0	8538.9	8050.5	7080.8	6530.6	6425.7
22.5°	9152.3	9107.8	8731.4	8727.1	9232.8	9785.8	9752.8	8500.1	7672.7	7586.5
25°	9810.3	9603.4	9058.9	8926.8	9149.5	10002.8	9879.2	8790.3	8026.1	7816.3
27.5°	9553.1	9040.3	8682.6	8652.4	8579.1	9385.0	9682.4	8908.1	8149.6	7945.6
30°	9537.3	8783.1	8271.7	8332.0	8402.4	9172.4	9791.6	9277.3	8465.6	8247.3
32.5°	9576.1	8819.0	8301.9	8313.4	8523.1	9204.0	9912.3	9679.5	8880.8	8662.5
35°	9732.7	9023.0	8494.4	8467.1	8794.6	9410.9	10117.7	10311.6	9448.3	9199.7
37.5°	9985.5	9429.6	8846.3	8839.2	9314.7	9784.4	10373.4	10949.5	10012.8	9745.6
40°	10357.6	9905.1	9472.7	9433.9	10021.4	10392.1	10705.2	11629.0	10669.3	10326.0
42.5°	10807.2	10475.4	10298.7	10452.4	11017.0	11074.4	11222.4	12256.7	11228.2	10828.8
45°	11223.8	11208.0	11453.7	11861.7	12190.6	11845.9	11762.6	12677.6	11662.0	11228.2
47.5°	11719.5	12147.6	12888.8	13486.4	13831.2	12743.7	12223.7	12952.0	11978.0	11578.7
50°	12222.3	13272.4	14456.1	15289.3	15362.6	13719.1	12541.2	13210.6	12265.3	11850.2
52.5°	12750.9	14170.2	15746.1	16714.4	16572.2	14568.2	12848.6	13385.9	12561.3	12196.4
55°	13210.6	14720.4	16467.3	17396.7	17188.4	15085.3	13180.4	13575.5	12983.6	12676.2
57.5°	13467.8	14766.4	16287.7	17099.4	16873.8	14984.8	13332.7	13716.3	13253.7	13012.4
58°	13505.1	14704.6	16128.3	16927.0	16697.1	14900.0	13331.3	13710.5	13270.9	13028.2
60°	13472.1	14303.8	15535.0	16246.1	16004.7	14368.5	13276.7	13602.8	13052.6	12847.2
62.5°	13166.1	13608.5	14510.7	15027.9	14958.9	13538.1	13052.6	13196.2	12387.5	12189.2
65°	12763.8	12660.4	13199.1	13565.4	13617.2	12916.1	12829.9	12317.1	11534.1	11254.0
67.5°	12275.4	11585.9	11584.4	11792.7	11878.9	11959.4	12365.9	11361.8	10304.4	10008.5
70°	11446.5	9929.5	9472.7	9718.3	9646.5	10326.0	11537.0	10020.0	8821.9	8475.7
72.5°	9926.6	7879.5	7148.3	7464.4	7283.4	8097.9	10094.7	8245.9	7294.9	6869.6
75°	8046.2	5894.2	5140.0	5430.2	5318.1	6142.7	8399.6	5989.0	5232.0	5069.6
77.5°	6247.6	4270.9	3832.7	3792.5	3875.8	4571.1	6161.4	4043.9	3449.2	3338.6
80°	4013.7	3057.0	3082.9	3031.1	3074.2	2881.7	3740.8	2580.1	2335.8	2246.8
82.5°	2641.8	2130.4	2539.8	2344.5	2226.7	1937.9	2453.6	1689.4	1433.7	1384.8
85°	1800.0	1568.7	1427.9	1091.8	1285.7	1492.6	1840.2	909.3	721.2	653.6
87.5°	813.1	545.9	400.8	247.1	390.7	451.1	893.5	106.3	81.9	84.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)