

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: P454961

Luminaire Tested: **GALN-SA6A-760-U-SLR**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P454961  
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-760-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(6) 70 CRI, 5700K, 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: 23375 lumens  
Efficiency: N/A  
Efficacy: 128.4 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G3

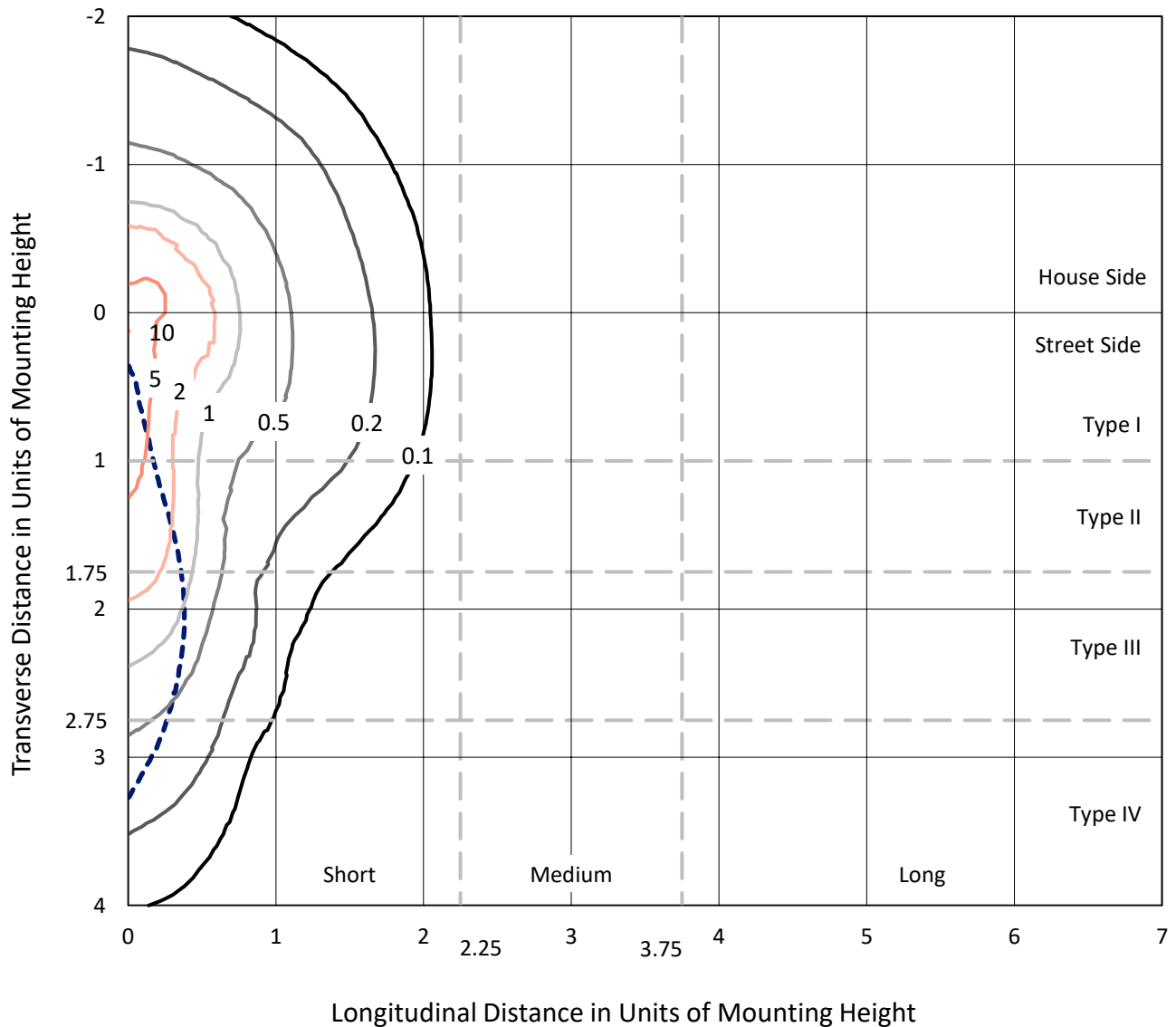
Input Watts (W): 182  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

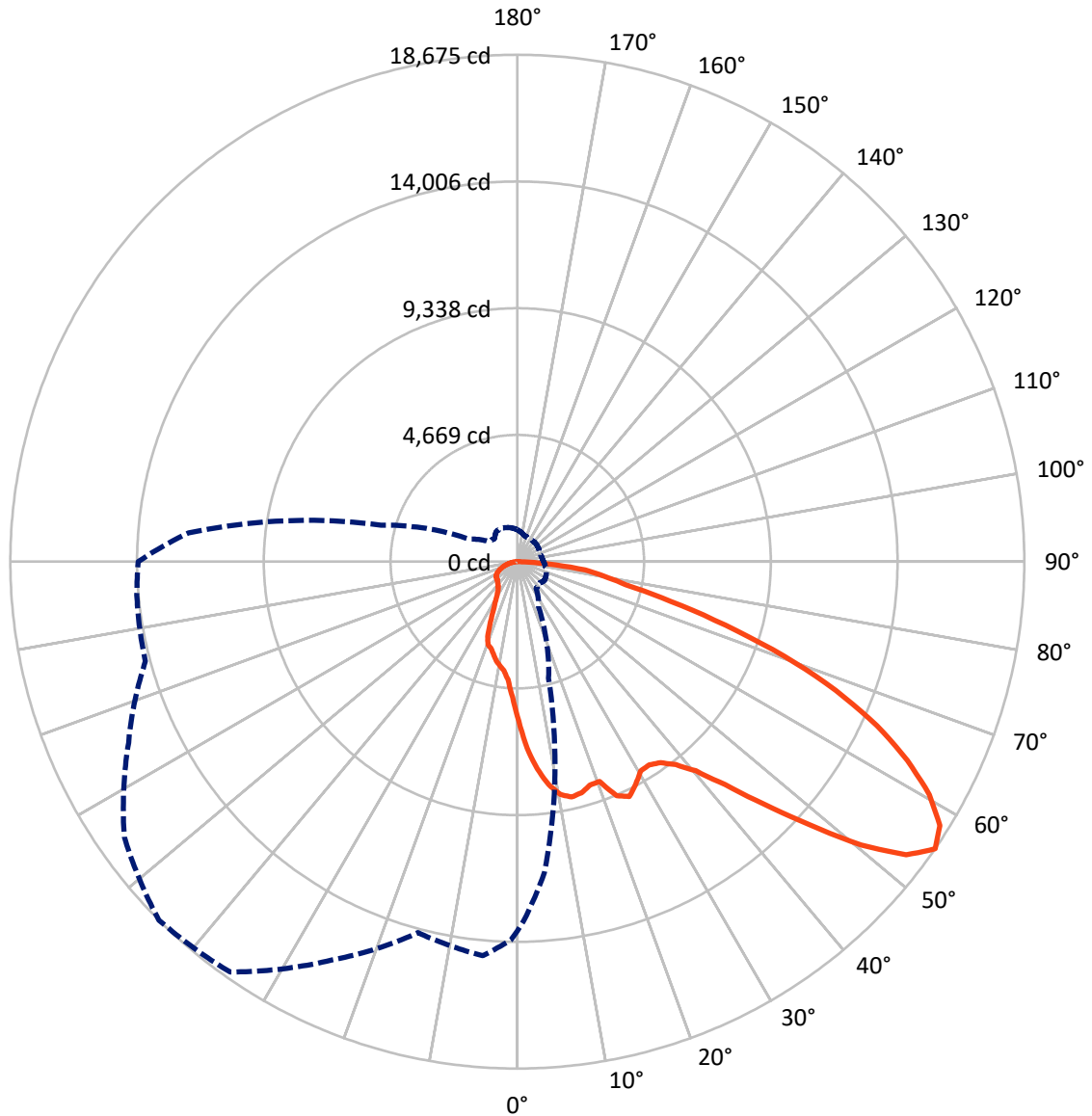
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10 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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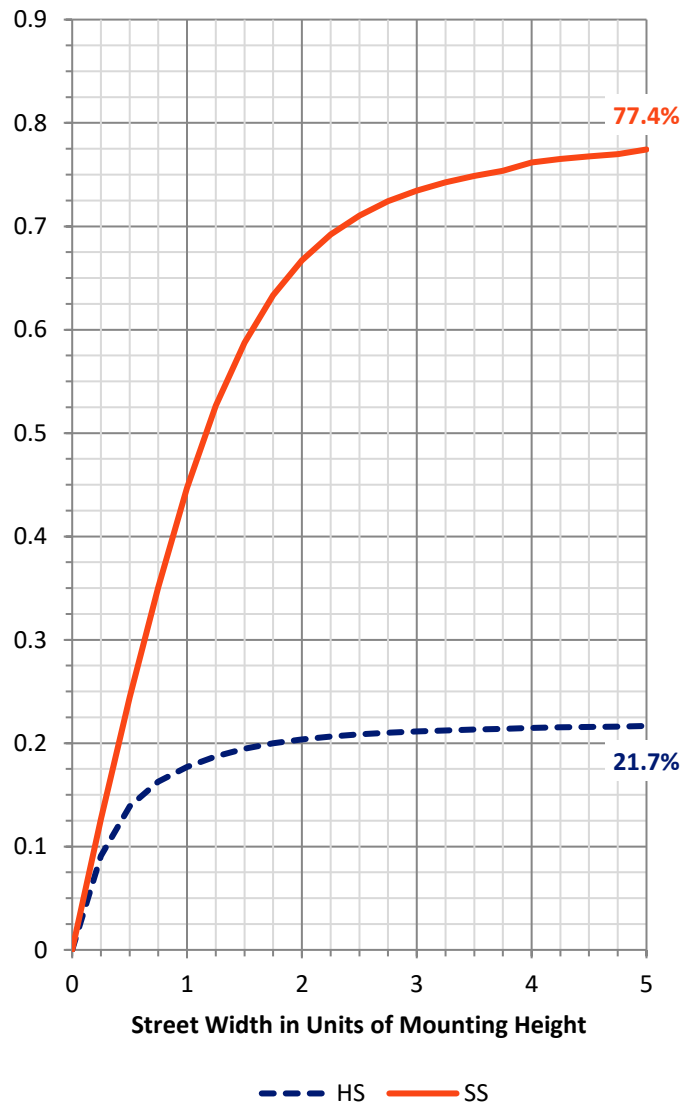
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5113.2	0.0	5113.2
	% Fixture	21.9	0.0	21.9
<b>Street Side</b>	Lumens	18261.8	0.0	18261.8
	% Fixture	78.1	0.0	78.1
<b>Total</b>	Lumens	23375.0	0.0	23375.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	497.2	2.1
10°-20°	1319.0	5.6
20°-30°	2278.7	9.7
30°-40°	2648.2	11.3
40°-50°	3694.8	15.8
50°-60°	5013.4	21.4
60°-70°	4769.6	20.4
70°-80°	2576.7	11.0
80°-90°	577.5	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°	23375.0	100.0
0°-180°	23375.0	100.0



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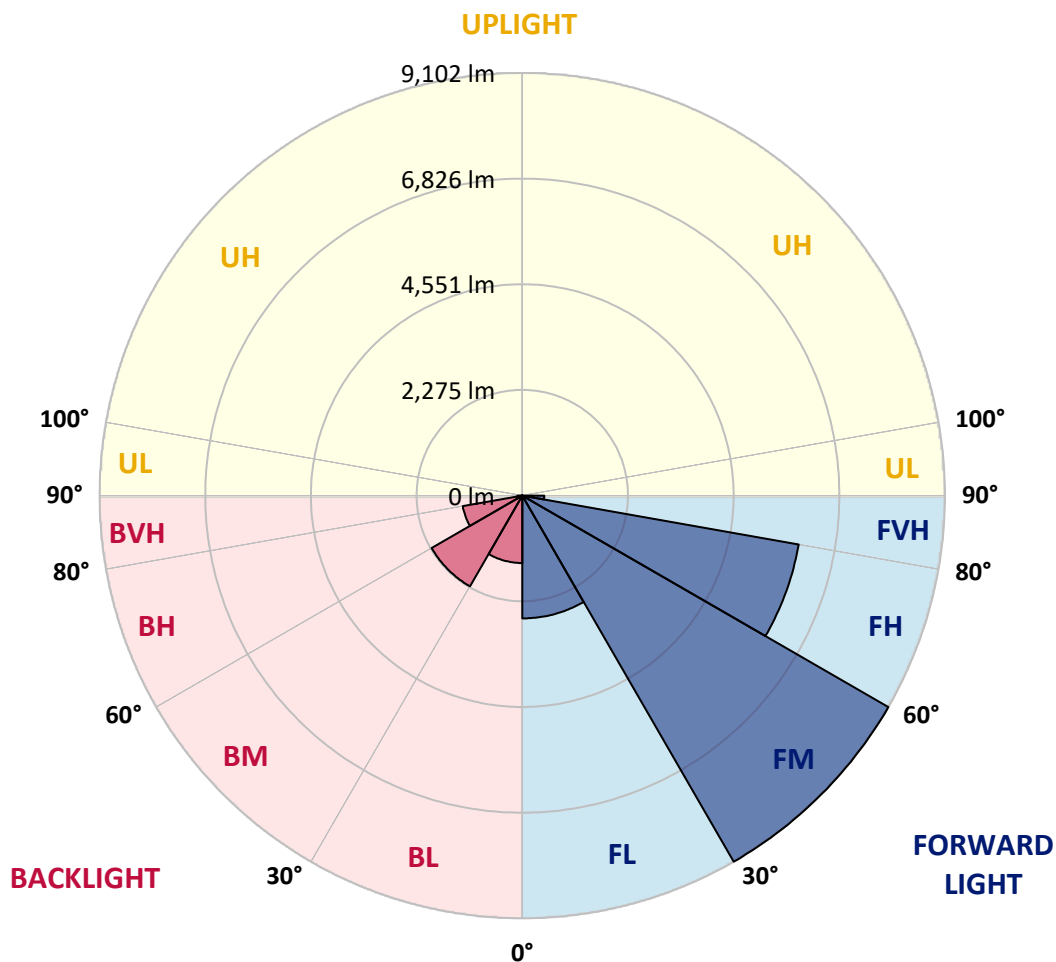
CATALOG NUMBER: GALN-SA6A-760-U-SLR

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2643.8	11.3			
FM	(30°-60°)	9101.7	38.9			
FH	(60°-80°)	6044.4	25.9			G3/7500
FVH	(80°-90°)	471.9	2.0			G3/500
BL	(0°-30°)	1451.1	6.2	B3/2500		
BM	(30°-60°)	2254.6	9.6	B2/2500		
BH	(60°-80°)	1301.9	5.6	B3/2500		G3/2500
BVH	(80°-90°)	105.5	0.5			G2/225
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°	5866.2	5866.2	5866.2	5866.2	5866.2	5866.2	5866.2	5866.2	5866.2	5866.2	5866.2
2.5°	6517.0	6492.3	6422.9	6240.9	6057.4	5870.8	5727.4	5548.5	5361.9	5261.7	5133.7
5°	6606.4	6578.7	6415.2	6005.0	5633.4	5243.2	4931.7	4658.7	4547.7	4384.2	4253.2
7.5°	6396.7	6384.4	6139.2	5550.1	5041.2	4530.7	4177.6	3958.6	3759.7	3685.7	3701.1
10°	6205.5	6156.1	5849.2	5079.7	4486.0	4071.2	3818.3	3603.9	3463.6	3426.6	3434.3
12.5°	6046.6	5980.3	5617.9	4763.6	4243.9	3912.4	3590.0	3366.4	3238.4	3273.9	3394.2
15°	6014.3	5924.8	5520.8	4655.7	4111.3	3684.1	3331.0	3073.4	2977.8	3054.9	3247.7
17.5°	6224.0	6111.4	5687.3	4691.1	3984.8	3451.3	3017.9	2723.4	2643.2	2766.6	3017.9
20°	6897.9	6731.3	6207.0	4896.2	3972.5	3335.6	2836.0	2539.9	2573.8	2808.2	3070.4
22.5°	8143.9	7894.1	7116.9	5195.4	4037.3	3306.3	2798.9	2644.7	2831.3	3030.3	3203.0
25°	8390.7	8194.8	7280.3	5263.2	4023.4	3286.3	2903.8	2980.9	3189.1	3287.8	3227.7
27.5°	8529.4	8305.8	7269.5	4927.1	3597.8	2980.9	2775.8	2903.8	2956.2	2860.6	2697.2
30°	8853.3	8620.4	7453.0	4573.9	2962.4	2211.4	1938.4	1886.0	1921.5	1940.0	1881.4
32.5°	9299.0	9069.2	7798.5	4342.6	2561.5	1829.0	1560.6	1486.6	1469.6	1449.6	1426.5
35°	9875.7	9522.6	8137.7	4194.6	2396.4	1691.7	1445.0	1387.9	1364.8	1337.0	1312.3
37.5°	10461.7	10091.6	8566.5	4038.8	2287.0	1596.1	1367.9	1341.6	1301.5	1272.2	1236.8
40°	11084.7	10669.9	8956.6	3903.1	2180.6	1534.4	1312.3	1309.3	1256.8	1222.9	1181.3
42.5°	11624.5	11197.3	9305.1	3819.8	2098.8	1469.6	1278.4	1287.7	1233.7	1182.8	1128.8
45°	12053.2	11633.7	9627.4	3819.8	2032.5	1404.9	1272.2	1266.1	1212.1	1148.9	1087.2
47.5°	12429.5	11996.1	9942.0	3917.0	1990.9	1350.9	1238.3	1249.1	1193.6	1113.4	1053.3
50°	12720.9	12338.5	10366.1	4068.1	1949.2	1307.7	1195.1	1253.7	1178.2	1094.9	1025.5
52.5°	13092.6	12750.2	10876.5	4274.7	1913.8	1259.9	1156.6	1253.7	1176.6	1096.4	1020.9
55°	13607.6	13246.8	11491.9	4445.9	1856.7	1215.2	1122.7	1218.3	1172.0	1088.7	1008.5
57.5°	13968.5	13698.6	11926.7	4560.0	1775.0	1158.1	1091.8	1184.3	1152.0	1059.4	971.5
58°	13985.5	13721.8	11990.0	4586.3	1754.9	1147.3	1084.1	1168.9	1142.7	1047.1	959.2
60°	13791.1	13564.5	12002.3	4549.2	1640.8	1093.4	1044.0	1105.7	1093.4	974.6	892.9
62.5°	13084.9	12842.7	11504.2	4248.5	1489.7	1027.0	982.3	1020.9	993.1	872.8	797.3
65°	12080.9	11635.3	10480.2	3776.6	1381.7	956.1	899.1	902.1	872.8	786.5	720.2
67.5°	10743.9	10245.8	8873.3	3182.9	1300.0	877.5	800.4	792.6	757.2	701.7	647.7
70°	9098.5	8757.7	7210.9	2589.2	1209.0	791.1	689.3	684.7	663.1	621.5	573.7
72.5°	7374.4	6941.1	5823.0	2072.6	1098.0	707.8	586.0	595.3	567.5	538.2	495.0
75°	5442.1	5158.4	4501.4	1662.4	948.4	616.8	488.9	491.9	479.6	448.8	414.8
77.5°	3583.9	3499.1	3219.9	1091.8	729.4	490.4	399.4	402.5	393.2	365.5	330.0
80°	2411.9	2354.8	2182.1	703.2	487.3	354.7	308.4	311.5	310.0	280.7	232.9
82.5°	1486.6	1461.9	1406.4	475.0	337.7	254.4	203.6	212.8	229.8	197.4	158.8
85°	701.7	703.2	849.7	259.1	198.9	163.5	111.0	118.7	118.7	118.7	89.4
87.5°	91.0	95.6	117.2	109.5	72.5	61.7	40.1	33.9	29.3	38.6	27.8
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°	5866.2	5866.2	5866.2	5866.2	5866.2	5866.2	5866.2	5866.2	5866.2	5866.2	5866.2
2.5°	5089.0	5058.1	4991.8	4976.4	4967.2	4993.4	4924.0	4942.5	4911.6	4998.0	4984.1
5°	4260.9	4264.0	4317.9	4353.4	4365.7	4353.4	4307.1	4226.9	4165.3	4140.6	4146.8
7.5°	3671.8	3725.8	3818.3	3921.6	4015.7	4043.4	4017.2	3864.5	3698.0	3593.1	3559.2
10°	3475.9	3548.4	3654.8	3736.5	3819.8	3886.1	3900.0	3781.3	3583.9	3335.6	3238.4
12.5°	3486.7	3585.4	3687.2	3713.4	3705.7	3731.9	3719.6	3699.5	3570.0	3253.9	3091.9
15°	3384.9	3502.1	3573.1	3559.2	3534.5	3511.4	3479.0	3428.1	3381.9	3159.8	2980.9
17.5°	3150.5	3270.8	3329.4	3334.1	3334.1	3327.9	3249.2	3230.7	3224.6	3116.6	3007.1
20°	3193.7	3260.0	3233.8	3190.6	3203.0	3244.6	3198.4	3189.1	3224.6	3272.4	3252.3
22.5°	3218.4	3195.3	2997.9	2806.7	2763.5	2893.0	2919.2	3022.5	3166.0	3338.7	3451.3
25°	3065.7	2879.1	2526.0	2310.1	2188.3	2308.5	2465.8	2657.1	2871.4	3093.5	3224.6
27.5°	2563.0	2421.1	2168.2	1973.9	1867.5	1886.0	2020.2	2194.4	2393.4	2543.0	2638.6
30°	1930.7	1867.5	1736.4	1670.1	1605.3	1589.9	1647.0	1713.3	1801.2	1819.7	1844.4
32.5°	1421.8	1412.6	1420.3	1398.7	1386.4	1384.8	1367.9	1383.3	1392.5	1403.3	1381.7
35°	1286.1	1273.8	1252.2	1246.0	1238.3	1241.4	1233.7	1226.0	1232.2	1241.4	1247.6
37.5°	1216.7	1198.2	1167.4	1156.6	1156.6	1161.2	1148.9	1145.8	1156.6	1185.9	1201.3
40°	1162.8	1141.2	1105.7	1091.8	1101.1	1113.4	1096.4	1090.3	1116.5	1147.3	1172.0
42.5°	1111.9	1094.9	1061.0	1045.6	1053.3	1076.4	1051.7	1047.1	1081.0	1115.0	1144.3
45°	1068.7	1051.7	1020.9	1013.2	1016.3	1037.8	1020.9	1020.9	1053.3	1090.3	1116.5
47.5°	1034.8	1013.2	993.1	987.0	990.0	1002.4	999.3	999.3	1030.1	1068.7	1094.9
50°	1000.8	982.3	956.1	959.2	966.9	983.9	982.3	987.0	1017.8	1065.6	1093.4
52.5°	985.4	957.7	928.4	931.4	954.6	974.6	968.4	973.1	1008.5	1098.0	1138.1
55°	968.4	931.4	897.5	902.1	928.4	957.7	949.9	956.1	997.7	1119.6	1175.1
57.5°	936.1	892.9	855.9	859.0	897.5	928.4	916.0	923.7	973.1	1096.4	1155.0
58°	922.2	885.2	849.7	851.2	888.3	922.2	908.3	914.5	965.4	1090.3	1145.8
60°	863.6	842.0	811.2	812.7	848.2	877.5	869.8	875.9	925.3	1045.6	1087.2
62.5°	783.4	771.1	763.3	763.3	784.9	812.7	820.4	828.1	872.8	945.3	982.3
65°	697.0	697.0	698.6	698.6	712.5	747.9	752.6	772.6	814.2	849.7	877.5
67.5°	638.4	635.4	638.4	630.7	636.9	658.5	681.6	700.1	743.3	768.0	777.2
70°	562.9	561.3	562.9	552.1	559.8	578.3	593.7	624.6	669.3	687.8	692.4
72.5°	488.9	488.9	491.9	484.2	484.2	504.3	515.1	549.0	590.6	601.4	603.0
75°	411.7	416.4	416.4	405.6	408.7	421.0	434.9	462.6	501.2	508.9	508.9
77.5°	326.9	343.9	343.9	333.1	337.7	339.3	357.8	371.7	401.0	404.0	391.7
80°	237.5	254.4	268.3	259.1	266.8	257.5	268.3	277.6	306.9	293.0	273.0
82.5°	169.6	182.0	192.8	194.3	186.6	169.6	183.5	185.1	198.9	180.4	169.6
85°	94.1	104.9	118.7	112.6	100.2	89.4	94.1	97.2	95.6	91.0	84.8
87.5°	24.7	26.2	29.3	21.6	20.0	17.0	23.1	23.1	26.2	27.8	26.2
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°	5866.2	5866.2	5866.2	5866.2	5866.2	5866.2	5866.2	5866.2	5866.2	5866.2	5866.2
2.5°	4994.9	5062.8	5209.3	5320.3	5456.0	5621.0	5815.3	6011.2	6222.4	6288.8	6381.3
5°	4132.9	4302.5	4373.4	4575.5	4775.9	5076.6	5397.4	5769.1	6176.2	6372.0	6560.2
7.5°	3531.4	3622.4	3696.5	3844.5	4085.1	4450.5	4853.0	5317.2	5894.0	6179.3	6455.3
10°	3207.6	3216.9	3307.8	3491.4	3701.1	4023.4	4404.3	4924.0	5567.0	5914.0	6237.9
12.5°	2993.2	2953.2	3051.8	3243.1	3480.6	3778.2	4128.2	4623.3	5331.1	5687.3	6079.0
15°	2805.1	2741.9	2815.9	3011.8	3246.2	3596.2	3972.5	4496.8	5238.6	5653.4	6088.3
17.5°	2809.7	2635.5	2661.7	2826.7	3059.6	3415.8	3872.3	4492.2	5378.9	5857.0	6372.0
20°	3156.7	2877.6	2758.8	2789.7	3014.8	3403.5	3918.5	4708.1	5840.0	6537.0	7087.6
22.5°	3497.5	3329.4	3138.2	3075.0	3198.4	3605.5	4213.1	5218.5	6842.4	7892.6	8887.2
25°	3378.8	3522.2	3474.4	3384.9	3412.7	3750.4	4413.5	5638.0	7621.1	8803.9	9738.5
27.5°	2703.3	2963.9	3016.4	3014.8	3025.6	3303.2	3969.4	5355.8	7718.3	8978.2	9871.1
30°	1899.9	1923.0	1950.8	2004.8	2054.1	2302.4	3105.8	4701.9	7675.1	9056.9	9951.3
32.5°	1370.9	1401.8	1440.3	1514.4	1631.6	1947.7	2717.2	4493.7	7903.3	9382.2	10185.7
35°	1253.7	1289.2	1326.2	1411.0	1522.1	1815.1	2563.0	4407.4	8278.1	9909.6	10606.7
37.5°	1216.7	1256.8	1289.2	1350.9	1440.3	1719.5	2422.7	4348.8	8662.1	10467.9	11171.1
40°	1190.5	1236.8	1263.0	1312.3	1374.0	1631.6	2297.8	4302.5	9033.7	10978.3	11624.5
42.5°	1167.4	1215.2	1249.1	1284.6	1335.5	1552.9	2186.7	4256.2	9356.0	11473.3	12076.3
45°	1139.6	1199.8	1242.9	1270.7	1315.4	1486.6	2101.9	4219.2	9723.0	11912.9	12532.8
47.5°	1116.5	1182.8	1236.8	1269.2	1286.1	1440.3	2034.1	4270.1	10164.1	12372.4	12956.9
50°	1118.0	1181.3	1249.1	1300.0	1255.3	1401.8	1992.4	4472.1	10737.8	12918.3	13291.5
52.5°	1167.4	1244.5	1298.5	1310.8	1212.1	1355.5	1970.8	4825.3	11416.3	13401.0	13629.2
55°	1222.9	1303.1	1361.7	1354.0	1189.0	1296.9	1966.2	5201.6	12159.6	13963.9	14068.7
57.5°	1202.9	1320.1	1409.5	1369.4	1190.5	1239.9	1946.2	5505.4	12781.1	14384.9	14503.6
58°	1196.7	1313.9	1415.7	1366.3	1185.9	1222.9	1941.5	5531.6	12867.4	14414.2	14565.3
60°	1136.5	1259.9	1411.0	1343.2	1159.7	1176.6	1890.6	5616.4	12844.3	14263.0	14602.3
62.5°	1027.0	1128.8	1304.6	1230.6	1079.5	1115.0	1776.5	5511.5	12218.2	13535.2	14061.0
65°	903.7	979.2	1096.4	1082.6	965.4	1051.7	1620.8	5096.7	10964.4	12353.9	12907.5
67.5°	811.2	872.8	946.9	926.8	868.2	966.9	1452.7	4395.0	9558.0	10935.1	11632.2
70°	717.1	764.9	801.9	788.0	769.5	883.6	1303.1	3566.9	8210.2	9587.3	10262.8
72.5°	621.5	666.2	697.0	677.0	666.2	795.7	1181.3	2768.1	6484.6	7909.5	8777.7
75°	519.7	564.4	586.0	562.9	556.7	701.7	1000.8	2068.0	4865.4	6097.5	6847.0
77.5°	402.5	450.3	478.1	470.3	473.4	576.8	808.1	1415.7	3479.0	4156.0	4945.6
80°	282.2	334.6	353.1	345.4	367.0	439.5	570.6	899.1	2399.5	2697.2	3253.9
82.5°	174.3	223.6	226.7	234.4	249.8	325.4	430.3	547.5	1506.6	1557.5	1961.6
85°	87.9	106.4	114.1	126.5	140.3	198.9	245.2	339.3	970.0	734.0	1096.4
87.5°	29.3	30.8	37.0	46.3	57.1	81.7	104.9	138.8	240.6	132.6	339.3
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°	5866.2	5866.2	5866.2	5866.2	5866.2	5866.2	5866.2	5866.2	5866.2	5866.2
2.5°	6567.9	6699.0	6794.6	6882.5	6797.7	6789.9	6706.7	6572.5	6517.0	6517.0
5°	6954.9	7261.8	7510.1	7668.9	7601.1	7437.6	7167.8	6823.9	6638.8	6606.4
7.5°	7061.4	7667.4	8128.5	8292.0	8177.8	7817.0	7300.4	6720.5	6455.3	6396.7
10°	6996.6	7784.6	8461.6	8720.7	8561.8	8015.9	7311.2	6600.3	6273.3	6205.5
12.5°	6928.7	7800.0	8523.3	8898.0	8794.7	8176.3	7389.8	6521.6	6143.8	6046.6
15°	6978.1	7806.2	8447.7	8834.8	8901.1	8369.1	7519.4	6578.7	6117.6	6014.3
17.5°	7289.6	7923.4	8339.8	8652.8	8885.7	8631.2	7887.9	6851.6	6352.0	6224.0
20°	7940.4	8204.1	8401.5	8643.6	9018.3	9166.3	8642.0	7601.1	7010.5	6897.9
22.5°	9824.8	9777.0	9373.0	9368.4	9911.2	10504.9	10469.4	9124.7	8236.4	8143.9
25°	10531.1	10309.1	9724.6	9582.7	9821.7	10737.8	10605.1	9436.2	8615.8	8390.7
27.5°	10255.1	9704.5	9320.6	9288.2	9209.5	10074.6	10393.9	9562.7	8748.4	8529.4
30°	10238.1	9428.5	8879.5	8944.3	9019.8	9846.4	10511.1	9959.0	9087.7	8853.3
32.5°	10279.7	9467.1	8911.9	8924.2	9149.4	9880.3	10640.6	10390.8	9533.4	9299.0
35°	10447.8	9686.0	9118.5	9089.2	9440.8	10102.4	10861.1	11069.3	10142.5	9875.7
37.5°	10719.3	10122.5	9496.4	9488.6	9999.1	10503.4	11135.6	11754.0	10748.6	10461.7
40°	11118.7	10632.9	10168.7	10127.1	10757.8	11155.7	11491.9	12483.4	11453.3	11084.7
42.5°	11601.3	11245.1	11055.4	11220.4	11826.5	11888.2	12047.0	13157.3	12053.2	11624.5
45°	12048.6	12031.6	12295.3	12733.3	13086.4	12716.3	12626.9	13609.2	12518.9	12053.2
47.5°	12580.6	13040.1	13835.9	14477.4	14847.5	13680.1	13121.9	13903.7	12858.2	12429.5
50°	13120.3	14247.6	15518.3	16412.7	16491.4	14727.2	13462.7	14181.3	13166.6	12720.9
52.5°	13687.8	15211.4	16903.1	17942.5	17789.9	15638.6	13792.7	14369.4	13484.3	13092.6
55°	14181.3	15802.1	17677.3	18675.0	18451.4	16193.8	14148.9	14573.0	13937.7	13607.6
57.5°	14457.3	15851.4	17484.5	18355.8	18113.7	16085.8	14312.4	14724.1	14227.6	13968.5
58°	14497.4	15785.1	17313.3	18170.8	17924.0	15994.8	14310.8	14718.0	14246.1	13985.5
60°	14462.0	15354.9	16676.4	17439.8	17180.7	15424.3	14252.2	14602.3	14011.7	13791.1
62.5°	14133.5	14608.5	15576.9	16132.1	16058.1	14532.9	14011.7	14165.9	13297.7	13084.9
65°	13701.7	13590.7	14169.0	14562.2	14617.7	13865.2	13772.6	13222.1	12381.7	12080.9
67.5°	13177.4	12437.2	12435.6	12659.2	12751.8	12838.1	13274.5	12196.6	11061.6	10743.9
70°	12287.6	10659.1	10168.7	10432.4	10355.3	11084.7	12384.7	10756.3	9470.1	9098.5
72.5°	10656.0	8458.5	7673.6	8012.8	7818.5	8692.9	10836.5	8851.7	7830.9	7374.4
75°	8637.4	6327.3	5517.7	5829.2	5708.9	6594.1	9016.8	6429.1	5616.4	5442.1
77.5°	6706.7	4584.7	4114.4	4071.2	4160.6	4907.0	6614.1	4341.1	3702.6	3583.9
80°	4308.7	3281.6	3309.4	3253.9	3300.1	3093.5	4015.7	2769.6	2507.5	2411.9
82.5°	2836.0	2287.0	2726.5	2516.7	2390.3	2080.3	2633.9	1813.5	1539.0	1486.6
85°	1932.3	1684.0	1532.9	1172.0	1380.2	1602.3	1975.5	976.2	774.1	701.7
87.5°	872.8	586.0	430.3	265.2	419.5	484.2	959.2	114.1	87.9	91.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)