

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: P454381

Luminaire Tested: **GALN-SA5C-727-U-SLR**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P454381  
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-SA5C-727-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(5) 70 CRI, 2700K, 1050mA 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: 25381 lumens  
Efficiency: N/A  
Efficacy: 94.4 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G4

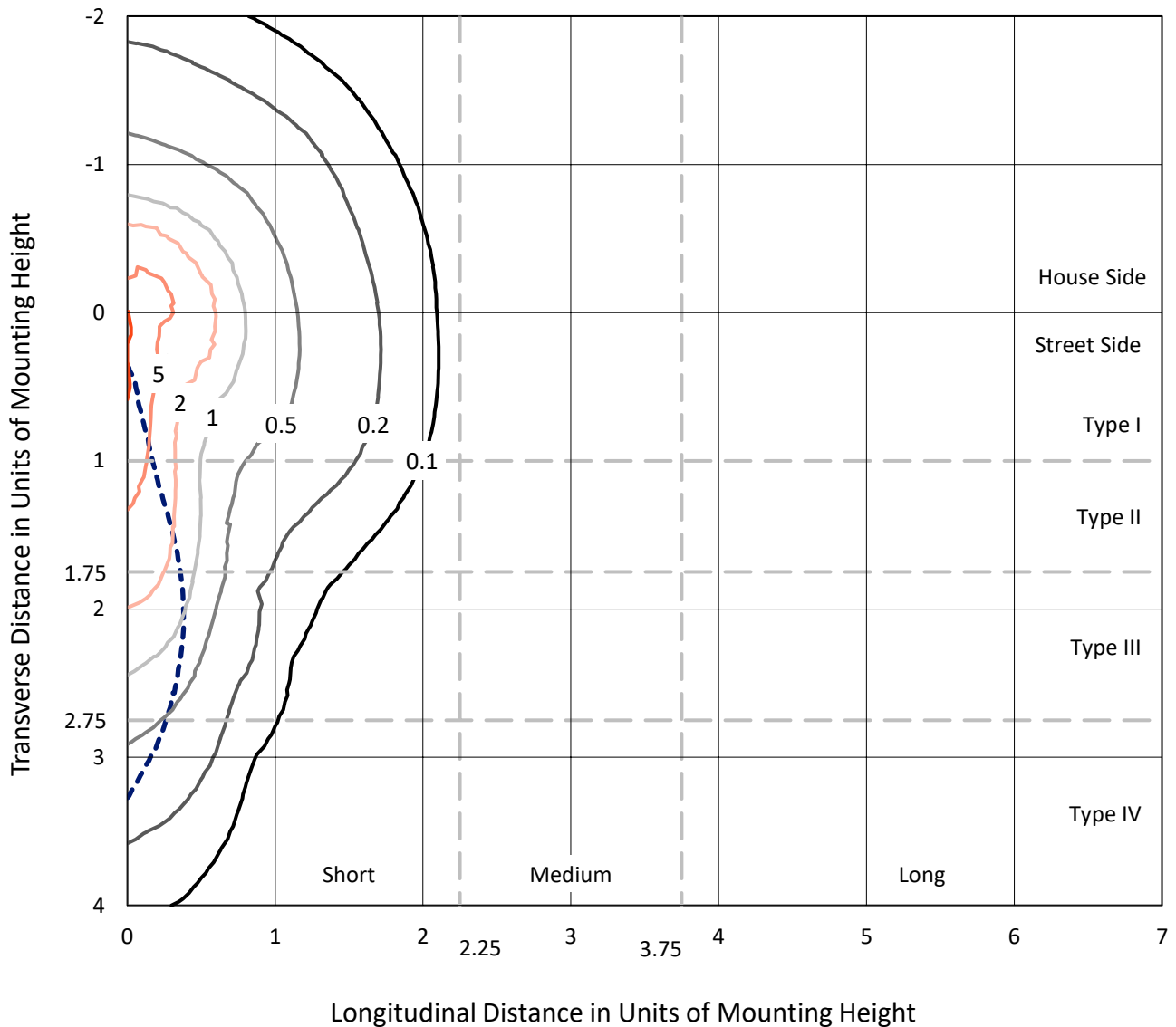
Input Watts (W): 269  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

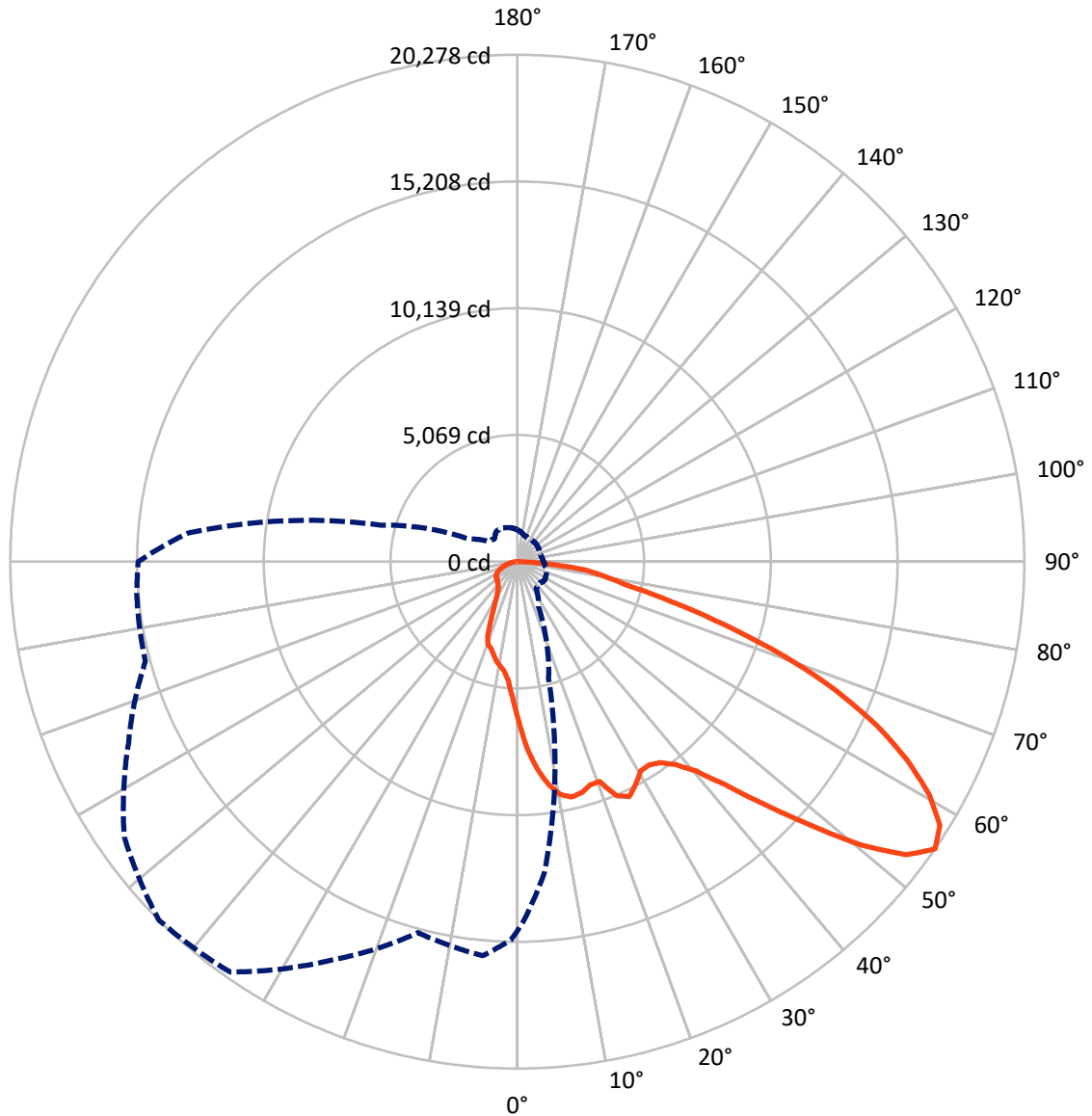
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.9 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	5552.0	0.0	5552.0
	% Fixture	21.9	0.0	21.9
<b>Street Side</b>	Lumens	19829.0	0.0	19829.0
	% Fixture	78.1	0.0	78.1
<b>Total</b>	Lumens	25381.0	0.0	25381.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	539.9	2.1
10°-20°	1432.2	5.6
20°-30°	2474.2	9.7
30°-40°	2875.5	11.3
40°-50°	4011.8	15.8
50°-60°	5443.6	21.4
60°-70°	5179.0	20.4
70°-80°	2797.8	11.0
80°-90°	627.0	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°	25381.0	100.0
0°-180°	25381.0	100.0

**Coefficient of Utilization**



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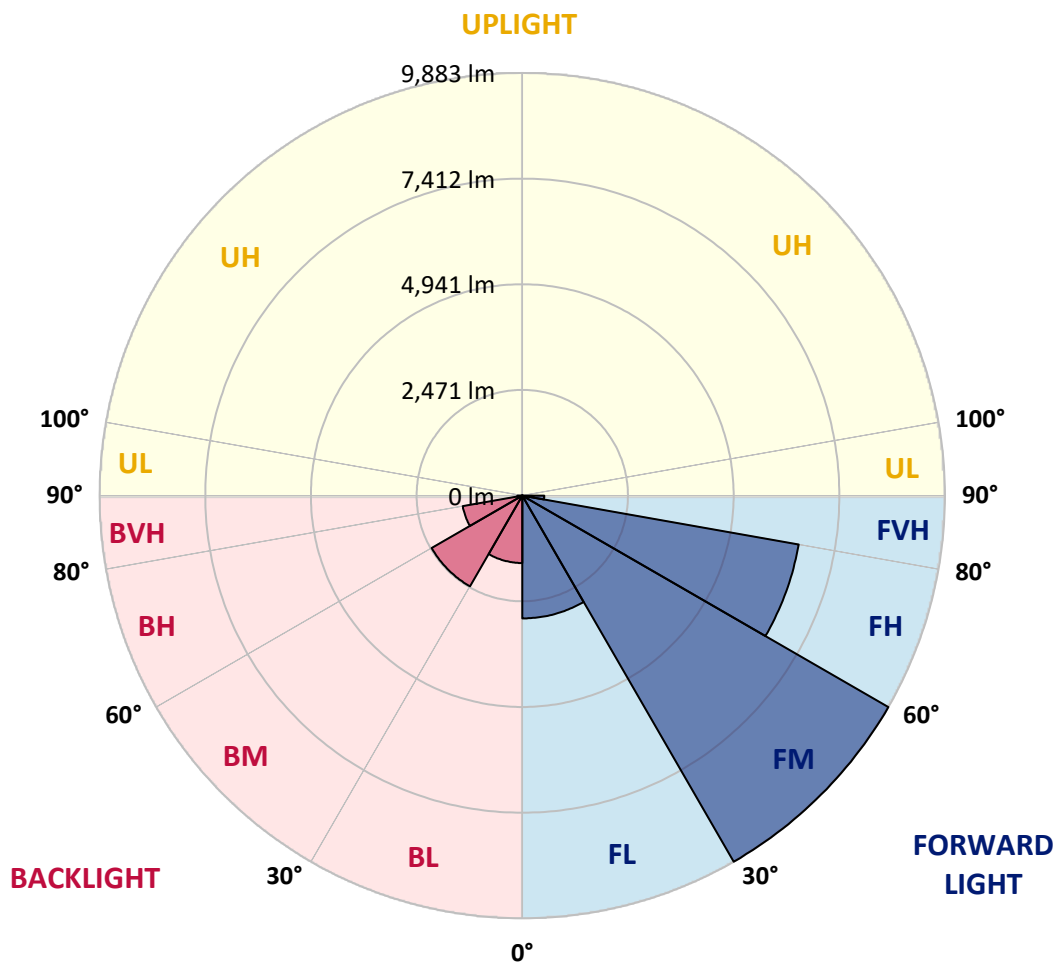
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2870.6	11.3			
FM	(30°-60°)	9882.8	38.9			
FH	(60°-80°)	6563.1	25.9			G3/7500
FVH	(80°-90°)	512.4	2.0			G4/750
BL	(0°-30°)	1575.7	6.2	B3/2500		
BM	(30°-60°)	2448.1	9.6	B2/2500		
BH	(60°-80°)	1413.7	5.6	B3/2500		G3/2500
BVH	(80°-90°)	114.6	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-G4**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6369.6	6369.6	6369.6	6369.6	6369.6	6369.6	6369.6	6369.6	6369.6	6369.6	6369.6
2.5°	7076.3	7049.5	6974.1	6776.5	6577.3	6374.7	6218.9	6024.7	5822.1	5713.3	5574.3
5°	7173.4	7143.2	6965.7	6520.3	6116.8	5693.2	5354.9	5058.5	4938.0	4760.5	4618.2
7.5°	6945.7	6932.3	6666.0	6026.4	5473.8	4919.6	4536.1	4298.3	4082.3	4002.0	4018.7
10°	6738.0	6684.4	6351.2	5515.7	4871.0	4420.6	4146.0	3913.2	3760.8	3720.6	3729.0
12.5°	6565.6	6493.5	6100.1	5172.4	4608.1	4248.1	3898.1	3655.3	3516.4	3554.9	3685.5
15°	6530.4	6433.3	5994.6	5055.2	4464.1	4000.3	3616.8	3337.2	3233.4	3317.1	3526.4
17.5°	6758.1	6635.9	6175.4	5093.7	4326.8	3747.4	3276.9	2957.1	2870.0	3004.0	3276.9
20°	7489.9	7309.0	6739.7	5316.4	4313.4	3621.9	3079.3	2757.8	2794.7	3049.2	3333.8
22.5°	8842.8	8571.6	7727.6	5641.3	4383.7	3590.0	3039.1	2871.7	3074.3	3290.3	3477.8
25°	9110.7	8898.1	7905.1	5714.9	4368.7	3568.3	3153.0	3236.7	3462.8	3569.9	3504.6
27.5°	9261.4	9018.6	7893.4	5349.9	3906.5	3236.7	3014.0	3153.0	3209.9	3106.1	2928.6
30°	9613.1	9360.2	8092.7	4966.4	3216.6	2401.2	2104.8	2047.9	2086.4	2106.5	2042.8
32.5°	10097.0	9847.5	8467.7	4715.3	2781.3	1985.9	1694.6	1614.2	1595.8	1574.0	1548.9
35°	10723.2	10339.8	8836.1	4554.5	2602.1	1836.9	1569.0	1507.0	1481.9	1451.8	1425.0
37.5°	11359.5	10957.7	9301.6	4385.4	2483.2	1733.1	1485.2	1456.8	1413.2	1381.4	1342.9
40°	12036.0	11585.6	9725.3	4238.1	2367.7	1666.1	1425.0	1421.6	1364.7	1327.8	1282.6
42.5°	12622.1	12158.2	10103.7	4147.6	2278.9	1595.8	1388.1	1398.2	1339.6	1284.3	1225.7
45°	13087.6	12632.1	10453.6	4147.6	2206.9	1525.4	1381.4	1374.7	1316.1	1247.5	1180.5
47.5°	13496.1	13025.6	10795.2	4253.1	2161.7	1466.8	1344.6	1356.3	1296.0	1209.0	1143.7
50°	13812.6	13397.3	11255.7	4417.2	2116.5	1419.9	1297.7	1361.3	1279.3	1188.9	1113.5
52.5°	14216.2	13844.4	11810.0	4641.6	2078.0	1368.0	1255.8	1361.3	1277.6	1190.5	1108.5
55°	14775.4	14383.6	12478.1	4827.5	2016.0	1319.5	1219.0	1322.8	1272.6	1182.2	1095.1
57.5°	15167.2	14874.2	12950.3	4951.4	1927.3	1257.5	1185.5	1286.0	1250.8	1150.4	1054.9
58°	15185.7	14899.3	13018.9	4979.8	1905.5	1245.8	1177.1	1269.2	1240.8	1137.0	1041.5
60°	14974.7	14728.5	13032.3	4939.7	1781.6	1187.2	1133.6	1200.6	1187.2	1058.3	969.5
62.5°	14207.8	13944.9	12491.5	4613.1	1617.5	1115.2	1066.6	1108.5	1078.4	947.7	865.7
65°	13117.7	12633.8	11379.6	4100.7	1500.3	1038.2	976.2	979.6	947.7	854.0	782.0
67.5°	11666.0	11125.1	9634.8	3456.1	1411.6	952.8	869.0	860.7	822.2	761.9	703.3
70°	9879.3	9509.2	7829.8	2811.4	1312.8	859.0	748.5	743.5	720.0	674.8	622.9
72.5°	8007.3	7536.7	6322.8	2250.5	1192.2	768.6	636.3	646.3	616.2	584.4	537.5
75°	5909.2	5601.1	4887.7	1805.1	1029.8	669.8	530.8	534.2	520.8	487.3	450.4
77.5°	3891.4	3799.3	3496.3	1185.5	792.0	532.5	433.7	437.0	427.0	396.8	358.3
80°	2618.9	2556.9	2369.4	763.6	529.1	385.1	334.9	338.2	336.6	304.8	252.8
82.5°	1614.2	1587.4	1527.1	515.7	366.7	276.3	221.0	231.1	249.5	214.3	172.5
85°	761.9	763.6	922.6	281.3	216.0	177.5	120.6	128.9	128.9	128.9	97.1
87.5°	98.8	103.8	127.3	118.9	78.7	67.0	43.5	36.8	31.8	41.9	30.1
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6369.6	6369.6	6369.6	6369.6	6369.6	6369.6	6369.6	6369.6	6369.6	6369.6	6369.6
2.5°	5525.7	5492.2	5420.2	5403.5	5393.4	5421.9	5346.5	5366.6	5333.1	5426.9	5411.8
5°	4626.5	4629.9	4688.5	4727.0	4740.4	4727.0	4676.8	4589.7	4522.7	4495.9	4502.6
7.5°	3986.9	4045.5	4146.0	4258.1	4360.3	4390.4	4362.0	4196.2	4015.4	3901.5	3864.6
10°	3774.2	3852.9	3968.5	4057.2	4147.6	4219.6	4234.7	4105.8	3891.4	3621.9	3516.4
12.5°	3786.0	3893.1	4003.6	4032.1	4023.7	4052.2	4038.8	4017.0	3876.4	3533.1	3357.3
15°	3675.4	3802.7	3879.7	3864.6	3837.9	3812.7	3777.6	3722.3	3672.1	3431.0	3236.7
17.5°	3420.9	3551.5	3615.2	3620.2	3620.2	3613.5	3528.1	3508.0	3501.3	3384.1	3265.2
20°	3467.8	3539.8	3511.3	3464.5	3477.8	3523.1	3472.8	3462.8	3501.3	3553.2	3531.4
22.5°	3494.6	3469.5	3255.1	3047.5	3000.6	3141.3	3169.7	3281.9	3437.7	3625.2	3747.4
25°	3328.8	3126.2	2742.8	2508.3	2376.1	2506.7	2677.5	2885.1	3117.8	3359.0	3501.3
27.5°	2782.9	2628.9	2354.3	2143.3	2027.8	2047.9	2193.5	2382.8	2598.8	2761.2	2865.0
30°	2096.4	2027.8	1885.4	1813.4	1743.1	1726.4	1788.3	1860.3	1955.8	1975.9	2002.7
32.5°	1543.9	1533.8	1542.2	1518.7	1505.3	1503.7	1485.2	1502.0	1512.0	1523.8	1500.3
35°	1396.5	1383.1	1359.7	1353.0	1344.6	1347.9	1339.6	1331.2	1337.9	1347.9	1354.6
37.5°	1321.1	1301.1	1267.6	1255.8	1255.8	1260.9	1247.5	1244.1	1255.8	1287.7	1304.4
40°	1262.5	1239.1	1200.6	1185.5	1195.6	1209.0	1190.5	1183.8	1212.3	1245.8	1272.6
42.5°	1207.3	1188.9	1152.0	1135.3	1143.7	1168.8	1142.0	1137.0	1173.8	1210.6	1242.4
45°	1160.4	1142.0	1108.5	1100.1	1103.5	1126.9	1108.5	1108.5	1143.7	1183.8	1212.3
47.5°	1123.6	1100.1	1078.4	1071.7	1075.0	1088.4	1085.0	1085.0	1118.5	1160.4	1188.9
50°	1086.7	1066.6	1038.2	1041.5	1049.9	1068.3	1066.6	1071.7	1105.1	1157.1	1187.2
52.5°	1070.0	1039.8	1008.0	1011.4	1036.5	1058.3	1051.6	1056.6	1095.1	1192.2	1235.8
55°	1051.6	1011.4	974.5	979.6	1008.0	1039.8	1031.5	1038.2	1083.4	1215.7	1275.9
57.5°	1016.4	969.5	929.3	932.7	974.5	1008.0	994.6	1003.0	1056.6	1190.5	1254.2
58°	1001.3	961.1	922.6	924.3	964.5	1001.3	986.3	993.0	1048.2	1183.8	1244.1
60°	937.7	914.3	880.8	882.4	921.0	952.8	944.4	951.1	1004.7	1135.3	1180.5
62.5°	850.6	837.2	828.9	828.9	852.3	882.4	890.8	899.2	947.7	1026.4	1066.6
65°	756.9	756.9	758.5	758.5	773.6	812.1	817.1	838.9	884.1	922.6	952.8
67.5°	693.2	689.9	693.2	684.9	691.6	715.0	740.1	760.2	807.1	833.9	843.9
70°	611.2	609.5	611.2	599.5	607.8	627.9	644.7	678.2	726.7	746.8	751.8
72.5°	530.8	530.8	534.2	525.8	525.8	547.5	559.3	596.1	641.3	653.0	654.7
75°	447.1	452.1	452.1	440.4	443.7	457.1	472.2	502.3	544.2	552.6	552.6
77.5°	355.0	373.4	373.4	361.7	366.7	368.4	388.5	403.5	435.4	438.7	425.3
80°	257.9	276.3	291.4	281.3	289.7	279.6	291.4	301.4	333.2	318.1	296.4
82.5°	184.2	197.6	209.3	211.0	202.6	184.2	199.3	200.9	216.0	195.9	184.2
85°	102.1	113.9	128.9	122.2	108.8	97.1	102.1	105.5	103.8	98.8	92.1
87.5°	26.8	28.5	31.8	23.4	21.8	18.4	25.1	25.1	28.5	30.1	28.5
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	6369.6	6369.6	6369.6	6369.6	6369.6	6369.6	6369.6	6369.6	6369.6	6369.6	6369.6
2.5°	5423.6	5497.2	5656.3	5776.9	5924.2	6103.4	6314.4	6527.0	6756.4	6828.4	6928.9
5°	4487.5	4671.7	4748.8	4968.1	5185.8	5512.3	5860.6	6264.1	6706.2	6918.9	7123.1
7.5°	3834.5	3933.3	4013.7	4174.4	4435.6	4832.5	5269.5	5773.5	6399.8	6709.6	7009.3
10°	3482.9	3492.9	3591.7	3791.0	4018.7	4368.7	4782.3	5346.5	6044.8	6421.5	6773.2
12.5°	3250.1	3206.6	3313.8	3521.4	3779.3	4102.4	4482.5	5020.0	5788.6	6175.4	6600.7
15°	3045.8	2977.2	3057.6	3270.2	3524.7	3904.8	4313.4	4882.7	5688.1	6138.6	6610.8
17.5°	3050.9	2861.6	2890.1	3069.3	3322.1	3708.9	4204.6	4877.7	5840.5	6359.6	6918.9
20°	3427.6	3124.5	2995.6	3029.1	3273.6	3695.5	4254.8	5112.1	6341.2	7098.0	7695.8
22.5°	3797.7	3615.2	3407.5	3338.9	3472.8	3914.9	4574.6	5666.4	7429.6	8569.9	9649.9
25°	3668.7	3824.5	3772.6	3675.4	3705.6	4072.3	4792.3	6121.8	8275.2	9559.5	10574.2
27.5°	2935.3	3218.3	3275.2	3273.6	3285.3	3586.7	4310.1	5815.4	8380.7	9748.7	10718.2
30°	2062.9	2088.0	2118.2	2176.8	2230.4	2500.0	3372.4	5105.4	8333.8	9834.1	10805.3
32.5°	1488.6	1522.1	1563.9	1644.3	1771.6	2114.8	2950.4	4879.4	8581.6	10187.4	11059.8
35°	1361.3	1399.8	1440.0	1532.1	1652.7	1970.8	2782.9	4785.6	8988.5	10760.1	11516.9
37.5°	1321.1	1364.7	1399.8	1466.8	1563.9	1867.0	2630.6	4722.0	9405.4	11366.2	12129.8
40°	1292.7	1342.9	1371.4	1425.0	1491.9	1771.6	2494.9	4671.7	9809.0	11920.5	12622.1
42.5°	1267.6	1319.5	1356.3	1394.8	1450.1	1686.2	2374.4	4621.5	10158.9	12458.0	13112.7
45°	1237.4	1302.7	1349.6	1379.8	1428.3	1614.2	2282.3	4581.3	10557.5	12935.2	13608.3
47.5°	1212.3	1284.3	1342.9	1378.1	1396.5	1563.9	2208.6	4636.6	11036.4	13434.2	14068.8
50°	1214.0	1282.6	1356.3	1411.6	1363.0	1522.1	2163.4	4855.9	11659.3	14026.9	14432.2
52.5°	1267.6	1351.3	1409.9	1423.3	1316.1	1471.8	2140.0	5239.4	12396.0	14551.0	14798.9
55°	1327.8	1414.9	1478.5	1470.2	1291.0	1408.2	2134.9	5647.9	13203.1	15162.2	15276.1
57.5°	1306.1	1433.3	1530.5	1486.9	1292.7	1346.3	2113.2	5977.8	13877.9	15619.3	15748.3
58°	1299.4	1426.6	1537.2	1483.6	1287.7	1327.8	2108.1	6006.3	13971.7	15651.2	15815.3
60°	1234.1	1368.0	1532.1	1458.5	1259.2	1277.6	2052.9	6098.4	13946.6	15487.1	15855.4
62.5°	1115.2	1225.7	1416.6	1336.2	1172.1	1210.6	1929.0	5984.5	13266.7	14696.7	15267.7
65°	981.2	1063.3	1190.5	1175.5	1048.2	1142.0	1759.9	5534.1	11905.4	13414.1	14015.2
67.5°	880.8	947.7	1028.1	1006.3	942.7	1049.9	1577.3	4772.2	10378.3	11873.6	12630.4
70°	778.6	830.5	870.7	855.6	835.6	959.5	1414.9	3873.0	8914.8	10410.1	11143.5
72.5°	674.8	723.4	756.9	735.1	723.4	864.0	1282.6	3005.7	7041.1	8588.3	9531.0
75°	564.3	612.9	636.3	611.2	604.5	761.9	1086.7	2245.4	5282.9	6620.8	7434.6
77.5°	437.0	488.9	519.1	510.7	514.1	626.2	877.4	1537.2	3777.6	4512.7	5370.0
80°	306.4	363.4	383.5	375.1	398.5	477.2	619.5	976.2	2605.5	2928.6	3533.1
82.5°	189.2	242.8	246.1	254.5	271.3	353.3	467.2	594.4	1635.9	1691.2	2129.9
85°	95.4	115.5	123.9	137.3	152.4	216.0	266.2	368.4	1053.2	797.0	1190.5
87.5°	31.8	33.5	40.2	50.2	62.0	88.7	113.9	150.7	261.2	144.0	368.4
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):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6369.6	6369.6	6369.6	6369.6	6369.6	6369.6	6369.6	6369.6	6369.6	6369.6
2.5°	7131.5	7273.8	7377.7	7473.1	7381.0	7372.6	7282.2	7136.5	7076.3	7076.3
5°	7551.8	7885.0	8154.6	8327.1	8253.4	8075.9	7782.9	7409.5	7208.5	7173.4
7.5°	7667.3	8325.4	8826.1	9003.6	8879.7	8487.8	7926.9	7297.3	7009.3	6945.7
10°	7597.0	8452.7	9187.8	9469.1	9296.6	8703.8	7938.6	7166.7	6811.7	6738.0
12.5°	7523.3	8469.4	9254.7	9661.6	9549.4	8878.0	8024.0	7081.3	6671.0	6565.6
15°	7576.9	8476.1	9172.7	9593.0	9665.0	9087.3	8164.7	7143.2	6642.6	6530.4
17.5°	7915.2	8603.4	9055.5	9395.4	9648.2	9371.9	8564.9	7439.6	6897.1	6758.1
20°	8621.8	8908.1	9122.4	9385.3	9792.2	9953.0	9383.7	8253.4	7612.1	7489.9
22.5°	10668.0	10616.1	10177.4	10172.3	10761.7	11406.4	11367.9	9907.8	8943.3	8842.8
25°	11434.9	11193.8	10559.1	10405.1	10664.6	11659.3	11515.3	10246.0	9355.2	9110.7
27.5°	11135.1	10537.4	10120.4	10085.3	9999.9	10939.2	11285.8	10383.3	9499.2	9261.4
30°	11116.7	10237.6	9641.5	9711.9	9793.9	10691.4	11413.1	10813.7	9867.6	9613.1
32.5°	11161.9	10279.5	9676.7	9690.1	9934.6	10728.3	11553.8	11282.5	10351.5	10097.0
35°	11344.5	10517.3	9901.1	9869.3	10251.0	10969.4	11793.2	12019.3	11012.9	10723.2
37.5°	11639.2	10991.1	10311.3	10302.9	10857.2	11404.7	12091.3	12762.7	11671.0	11359.5
40°	12072.8	11545.4	11041.4	10996.2	11681.0	12113.0	12478.1	13554.7	12436.2	12036.0
42.5°	12597.0	12210.2	12004.2	12183.4	12841.4	12908.4	13080.9	14286.5	13087.6	12622.1
45°	13082.5	13064.1	13350.5	13826.0	14209.5	13807.6	13710.5	14777.1	13593.3	13087.6
47.5°	13660.2	14159.2	15023.2	15719.8	16121.7	14854.1	14248.0	15096.9	13961.6	13496.1
50°	14246.3	15470.3	16850.1	17821.3	17906.7	15991.1	14618.0	15398.3	14296.5	13812.6
52.5°	14862.5	16516.9	18353.7	19482.3	19316.6	16980.7	14976.4	15602.6	14641.5	14216.2
55°	15398.3	17158.2	19194.3	20277.7	20034.9	17583.5	15363.2	15823.6	15133.8	14775.4
57.5°	15698.0	17211.8	18985.0	19931.1	19668.2	17466.3	15540.6	15987.7	15448.6	15167.2
58°	15741.6	17139.8	18799.1	19730.1	19462.2	17367.5	15539.0	15981.0	15468.6	15185.7
60°	15703.1	16672.6	18107.6	18936.4	18655.1	16747.9	15475.3	15855.4	15214.1	14974.7
62.5°	15346.4	15862.1	16913.7	17516.5	17436.1	15780.1	15214.1	15381.6	14438.9	14207.8
65°	14877.6	14757.0	15384.9	15811.9	15872.2	15055.1	14954.6	14356.8	13444.2	13117.7
67.5°	14308.2	13504.5	13502.8	13745.6	13846.1	13939.9	14413.7	13243.3	12010.9	11666.0
70°	13342.1	11573.9	11041.4	11327.7	11244.0	12036.0	13447.6	11679.3	10282.8	9879.3
72.5°	11570.5	9184.4	8332.1	8700.5	8489.5	9438.9	11766.4	9611.4	8502.9	8007.3
75°	9378.6	6870.3	5991.2	6329.5	6198.8	7160.0	9790.6	6980.8	6098.4	5909.2
77.5°	7282.2	4978.2	4467.5	4420.6	4517.7	5328.1	7181.8	4713.6	4020.4	3891.4
80°	4678.4	3563.2	3593.4	3533.1	3583.3	3359.0	4360.3	3007.3	2722.7	2618.9
82.5°	3079.3	2483.2	2960.4	2732.7	2595.4	2258.8	2860.0	1969.2	1671.1	1614.2
85°	2098.1	1828.5	1664.4	1272.6	1498.6	1739.8	2145.0	1059.9	840.6	761.9
87.5°	947.7	636.3	467.2	288.0	455.5	525.8	1041.5	123.9	95.4	98.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)