

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: P646956

Luminaire Tested: **GALN-SA5C-835-U-SLR**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P646956  
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-835-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(5) 80 CRI, 3500K, 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: 23762.5 lumens  
Efficiency: N/A  
Efficacy: 88.3 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): 269  
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

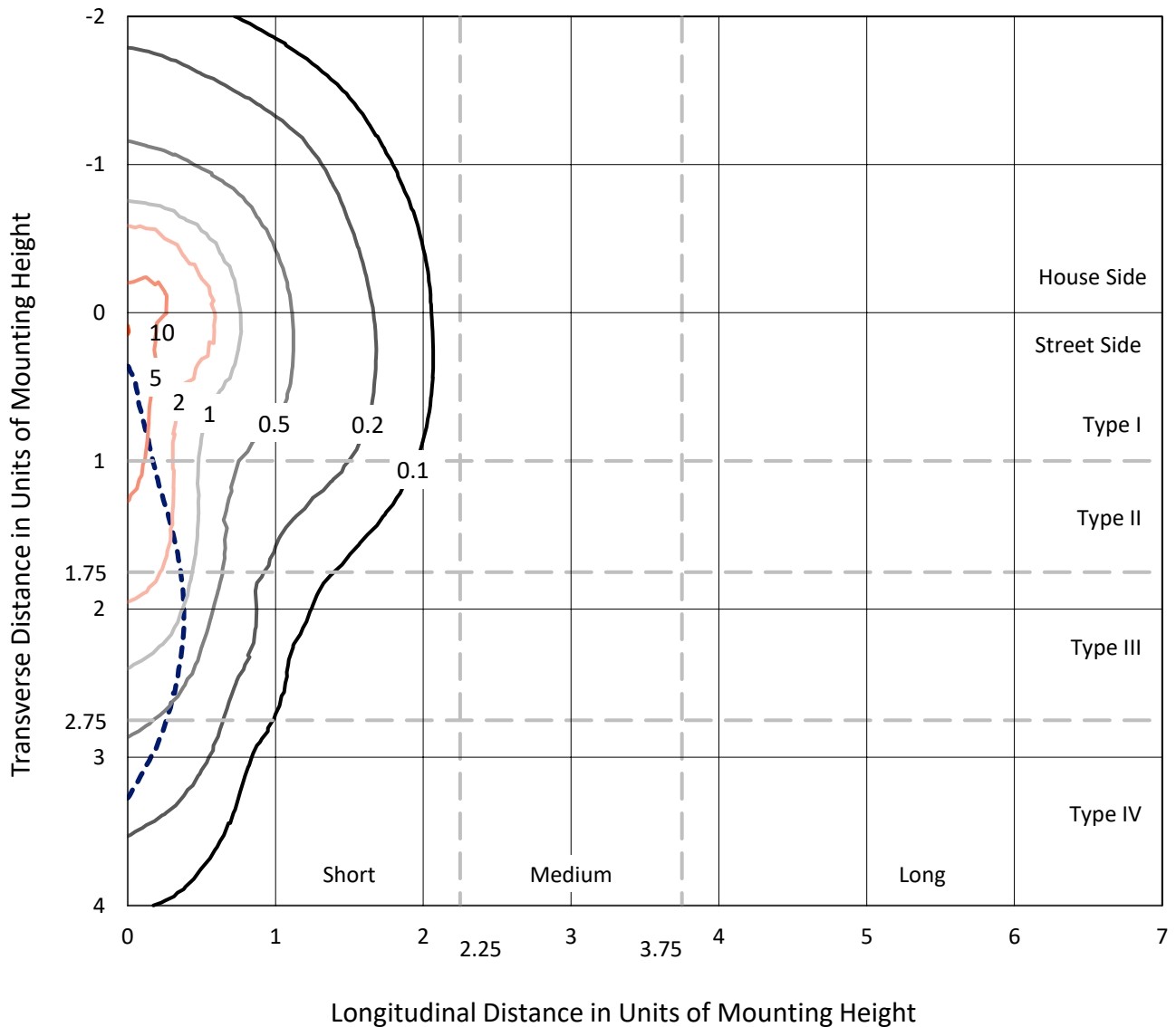




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### Iso-Footcandle Lines of Horizontal Illumination

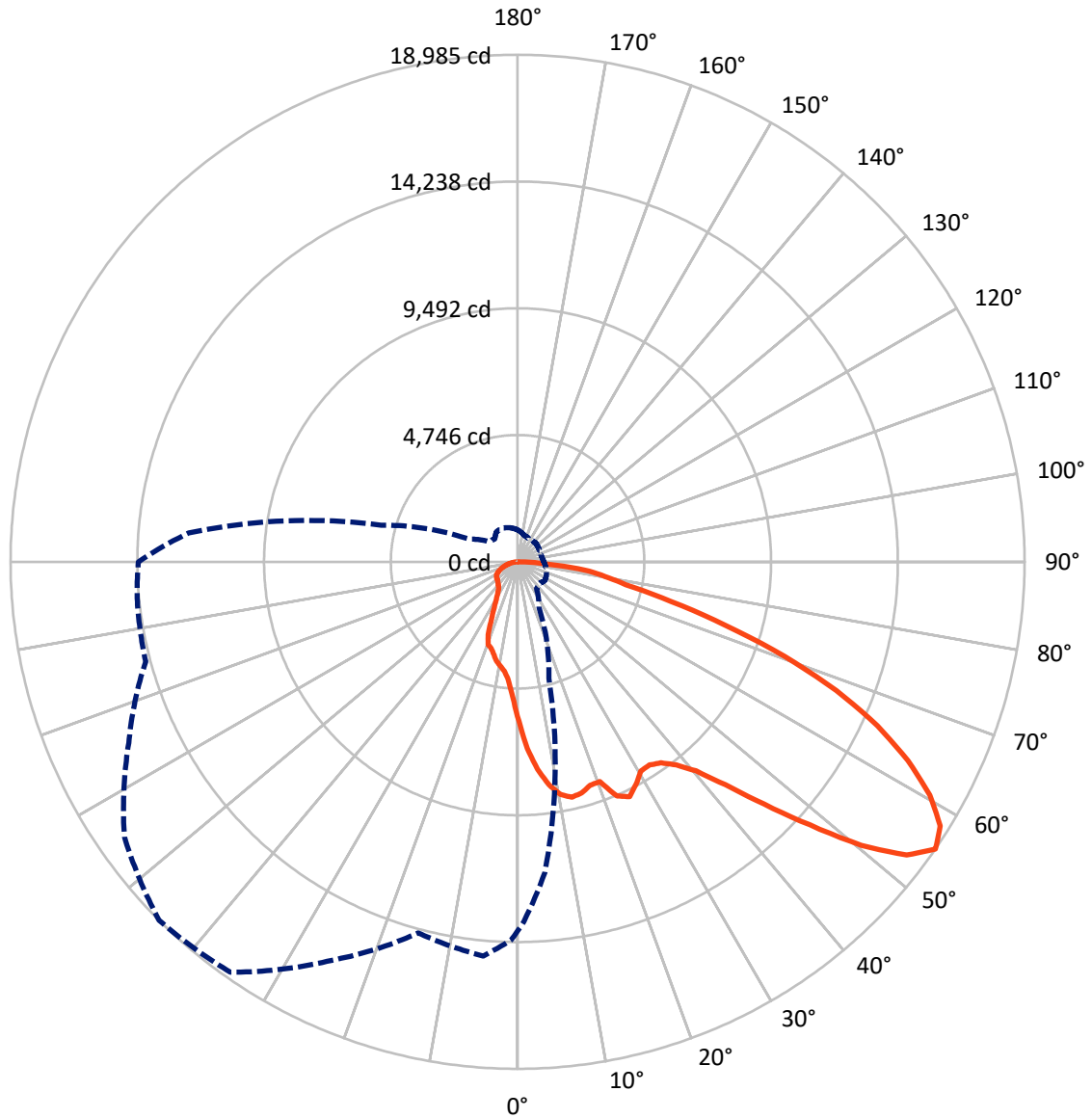
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.2 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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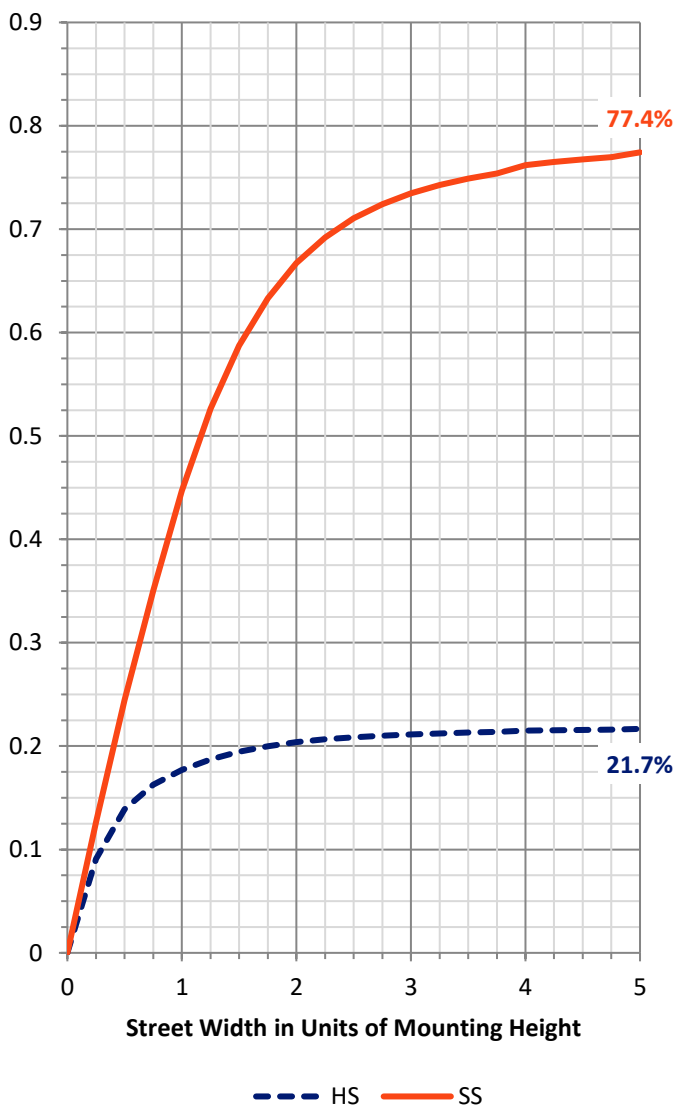
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5197.9	0.0	5197.9
	% Fixture	21.9	0.0	21.9
<b>Street Side</b>	Lumens	18564.5	0.0	18564.5
	% Fixture	78.1	0.0	78.1
<b>Total</b>	Lumens	23762.5	0.0	23762.5
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	505.4	2.1
10°-20°	1340.9	5.6
20°-30°	2316.5	9.7
30°-40°	2692.1	11.3
40°-50°	3756.0	15.8
50°-60°	5096.5	21.4
60°-70°	4848.7	20.4
70°-80°	2619.4	11.0
80°-90°	587.0	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°	23762.5	100.0
0°-180°	23762.5	100.0

**Coefficient of Utilization**



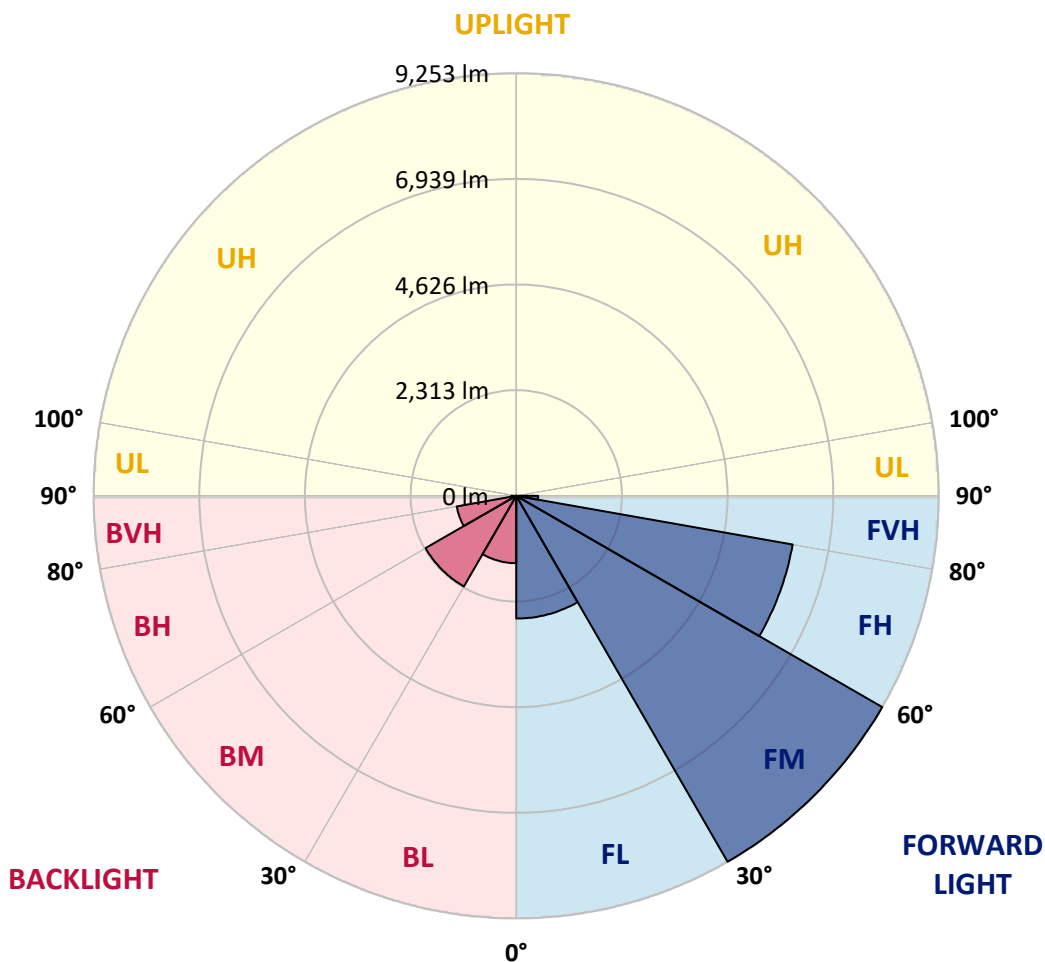
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2687.6	11.3			
FM (30°-60°)	9252.6	38.9			
FH (60°-80°)	6144.6	25.9			G3/7500
FVH (80°-90°)	479.8	2.0			G3/500
BL (0°-30°)	1475.2	6.2	B3/2500		
BM (30°-60°)	2292.0	9.6	B2/2500		
BH (60°-80°)	1323.5	5.6	B3/2500		G3/2500
BVH (80°-90°)	107.3	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°	5963.5	5963.5	5963.5	5963.5	5963.5	5963.5	5963.5	5963.5	5963.5	5963.5	5963.5
2.5°	6625.0	6599.9	6529.4	6344.4	6157.8	5968.2	5822.4	5640.5	5450.9	5348.9	5218.8
5°	6715.9	6687.8	6521.5	6104.6	5726.7	5330.1	5013.5	4736.0	4623.1	4456.9	4323.6
7.5°	6502.7	6490.2	6240.9	5642.1	5124.7	4605.8	4246.8	4024.2	3822.0	3746.7	3762.4
10°	6308.3	6258.2	5946.2	5164.0	4560.3	4138.7	3881.6	3663.7	3521.0	3483.4	3491.2
12.5°	6146.9	6079.4	5711.0	4842.5	4314.3	3977.2	3649.6	3422.3	3292.1	3328.2	3450.4
15°	6114.0	6023.0	5612.3	4732.8	4179.4	3745.2	3386.2	3124.4	3027.2	3105.6	3301.5
17.5°	6327.2	6212.7	5781.6	4768.9	4050.9	3508.5	3068.0	2768.5	2687.0	2812.4	3068.0
20°	7012.2	6843.0	6309.9	4977.4	4038.3	3390.9	2882.9	2581.9	2616.5	2854.7	3121.3
22.5°	8278.9	8025.0	7234.8	5281.5	4104.2	3361.1	2845.3	2688.6	2878.2	3080.5	3256.1
25°	8529.8	8330.7	7401.0	5350.5	4090.1	3340.7	2951.9	3030.3	3241.9	3342.3	3281.2
27.5°	8670.9	8443.6	7390.0	5008.8	3657.4	3030.3	2821.9	2951.9	3005.2	2908.1	2741.9
30°	9000.0	8763.3	7576.6	4649.8	3011.5	2248.1	1970.6	1917.3	1953.4	1972.1	1912.6
32.5°	9453.1	9219.5	7927.8	4414.6	2603.9	1859.2	1586.5	1511.3	1494.0	1473.6	1450.1
35°	10039.4	9680.5	8272.6	4264.1	2436.1	1719.8	1468.9	1410.9	1387.4	1359.2	1334.1
37.5°	10635.2	10258.9	8708.4	4105.7	2324.9	1622.5	1390.5	1363.9	1323.1	1293.4	1257.3
40°	11268.5	10846.7	9105.1	3967.8	2216.7	1559.8	1334.1	1330.9	1277.6	1243.2	1200.8
42.5°	11817.2	11382.9	9459.3	3883.1	2133.6	1494.0	1299.6	1309.0	1254.1	1202.4	1147.6
45°	12253.0	11826.6	9787.0	3883.1	2066.2	1428.2	1293.4	1287.1	1232.2	1167.9	1105.2
47.5°	12635.5	12195.0	10106.8	3981.9	2023.9	1373.3	1258.8	1269.8	1213.4	1131.8	1070.8
50°	12931.8	12543.0	10537.9	4135.6	1981.5	1329.4	1215.0	1274.5	1197.7	1113.0	1042.5
52.5°	13309.6	12961.5	11056.8	4345.6	1945.5	1280.8	1175.8	1274.5	1196.1	1114.6	1037.8
55°	13833.2	13466.3	11682.4	4519.6	1887.5	1235.3	1141.3	1238.5	1191.4	1106.8	1025.3
57.5°	14200.0	13925.7	12124.4	4635.6	1804.4	1177.3	1109.9	1203.9	1171.1	1077.0	987.7
58°	14217.3	13949.2	12188.7	4662.3	1784.0	1166.4	1102.1	1188.3	1161.7	1064.5	975.1
60°	14019.8	13789.3	12201.3	4624.6	1668.0	1111.5	1061.4	1124.0	1111.5	990.8	907.7
62.5°	13301.8	13055.7	11694.9	4318.9	1514.4	1044.1	998.6	1037.8	1009.6	887.3	810.5
65°	12281.2	11828.2	10654.0	3839.3	1404.6	971.9	914.0	917.1	887.3	799.5	732.1
67.5°	10922.0	10415.7	9020.4	3235.7	1321.5	892.0	813.6	805.8	769.8	713.3	658.4
70°	9249.3	8902.9	7330.4	2632.1	1229.1	804.2	700.8	696.1	674.1	631.8	583.2
72.5°	7496.7	7056.2	5919.6	2107.0	1116.2	719.6	595.7	605.1	576.9	547.1	503.2
75°	5532.4	5243.9	4576.1	1689.9	964.1	627.1	497.0	500.1	487.6	456.2	421.7
77.5°	3643.3	3557.1	3273.3	1109.9	741.5	498.5	406.1	409.2	399.7	371.5	335.5
80°	2451.9	2393.9	2218.2	714.9	495.4	360.6	313.5	316.6	315.1	285.3	236.7
82.5°	1511.3	1486.1	1429.8	482.9	343.3	258.7	206.9	216.3	233.6	200.7	161.5
85°	713.3	714.9	863.8	263.4	202.2	166.2	112.9	120.7	120.7	120.7	90.9
87.5°	92.5	97.2	119.2	111.3	73.7	62.7	40.8	34.5	29.8	39.2	28.2
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5963.5	5963.5	5963.5	5963.5	5963.5	5963.5	5963.5	5963.5	5963.5	5963.5	5963.5
2.5°	5173.4	5142.0	5074.5	5058.9	5049.5	5076.1	5005.6	5024.4	4993.0	5080.9	5066.7
5°	4331.5	4334.6	4389.5	4425.6	4438.1	4425.6	4378.5	4297.0	4234.3	4209.3	4215.5
7.5°	3732.6	3787.5	3881.6	3986.6	4082.2	4110.4	4083.8	3928.6	3759.3	3652.7	3618.2
10°	3533.5	3607.2	3715.4	3798.5	3883.1	3950.5	3964.6	3844.0	3643.3	3390.9	3292.1
12.5°	3544.6	3644.9	3748.3	3775.0	3767.2	3793.8	3781.3	3760.8	3629.2	3307.8	3143.2
15°	3441.1	3560.2	3632.3	3618.2	3593.1	3569.6	3536.7	3485.0	3437.9	3212.2	3030.3
17.5°	3202.8	3325.1	3384.6	3389.3	3389.3	3383.0	3303.1	3284.3	3278.0	3168.3	3057.0
20°	3246.6	3314.0	3287.4	3243.5	3256.1	3298.4	3251.4	3241.9	3278.0	3326.7	3306.2
22.5°	3271.8	3248.2	3047.6	2853.2	2809.2	2940.9	2967.6	3072.6	3218.4	3394.0	3508.5
25°	3116.6	2926.9	2567.8	2348.4	2224.5	2346.8	2506.7	2701.1	2919.0	3144.8	3278.0
27.5°	2605.5	2461.3	2204.1	2006.6	1898.5	1917.3	2053.7	2230.8	2433.0	2585.1	2682.3
30°	1962.7	1898.5	1765.2	1697.8	1631.9	1616.3	1674.3	1741.7	1831.0	1849.8	1875.0
32.5°	1445.4	1436.0	1443.9	1421.8	1409.3	1407.8	1390.5	1406.2	1415.6	1426.6	1404.6
35°	1307.5	1294.9	1272.9	1266.7	1258.8	1262.0	1254.1	1246.3	1252.6	1262.0	1268.2
37.5°	1236.9	1218.1	1186.7	1175.8	1175.8	1180.5	1167.9	1164.8	1175.8	1205.6	1221.2
40°	1182.0	1160.1	1124.0	1109.9	1119.3	1131.8	1114.6	1108.3	1135.0	1166.4	1191.4
42.5°	1130.3	1113.0	1078.6	1062.9	1070.8	1094.2	1069.2	1064.5	1098.9	1133.5	1163.2
45°	1086.4	1069.2	1037.8	1030.0	1033.1	1055.0	1037.8	1037.8	1070.8	1108.3	1135.0
47.5°	1051.9	1030.0	1009.6	1003.3	1006.5	1019.0	1015.9	1015.9	1047.2	1086.4	1113.0
50°	1017.4	998.6	971.9	975.1	982.9	1000.2	998.6	1003.3	1034.7	1083.3	1111.5
52.5°	1001.8	973.5	943.7	946.9	970.4	990.8	984.5	989.2	1025.3	1116.2	1157.0
55°	984.5	946.9	912.4	917.1	943.7	973.5	965.7	971.9	1014.3	1138.2	1194.5
57.5°	951.6	907.7	870.1	873.2	912.4	943.7	931.2	939.1	989.2	1114.6	1174.2
58°	937.5	899.8	863.8	865.4	903.0	937.5	923.4	929.7	981.3	1108.3	1164.8
60°	877.9	856.0	824.6	826.1	862.2	892.0	884.2	890.4	940.6	1062.9	1105.2
62.5°	796.4	783.9	776.0	776.0	798.0	826.1	834.0	841.9	887.3	961.0	998.6
65°	708.6	708.6	710.2	710.2	724.3	760.3	765.0	785.4	827.7	863.8	892.0
67.5°	649.0	645.9	649.0	641.2	647.5	669.4	692.9	711.7	755.6	780.7	790.1
70°	572.2	570.7	572.2	561.3	569.1	587.9	603.5	634.9	680.3	699.2	703.9
72.5°	497.0	497.0	500.1	492.3	492.3	512.6	523.6	558.1	600.4	611.4	612.9
75°	418.6	423.3	423.3	412.3	415.5	428.0	442.1	470.3	509.5	517.3	517.3
77.5°	332.4	349.6	349.6	338.6	343.3	344.9	363.7	377.8	407.6	410.8	398.2
80°	241.4	258.7	272.8	263.4	271.2	261.8	272.8	282.2	311.9	297.9	277.5
82.5°	172.4	185.0	196.0	197.6	189.7	172.4	186.6	188.2	202.2	183.5	172.4
85°	95.6	106.6	120.7	114.5	101.9	90.9	95.6	98.7	97.2	92.5	86.2
87.5°	25.1	26.6	29.8	21.9	20.4	17.2	23.5	23.5	26.6	28.2	26.6
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°	5963.5	5963.5	5963.5	5963.5	5963.5	5963.5	5963.5	5963.5	5963.5	5963.5	5963.5
2.5°	5077.8	5146.7	5295.6	5408.5	5546.5	5714.2	5911.7	6110.8	6325.6	6393.0	6487.1
5°	4201.4	4373.8	4446.0	4651.3	4855.1	5160.8	5486.9	5864.7	6278.6	6477.7	6668.9
7.5°	3590.0	3682.4	3757.7	3908.2	4152.8	4524.3	4933.5	5405.4	5991.7	6281.7	6562.3
10°	3260.8	3270.2	3362.7	3549.3	3762.4	4090.1	4477.3	5005.6	5659.3	6012.0	6341.3
12.5°	3042.9	3002.1	3102.4	3296.8	3538.2	3840.8	4196.6	4699.9	5419.5	5781.6	6179.8
15°	2851.6	2787.3	2862.6	3061.7	3300.0	3655.8	4038.3	4571.4	5325.4	5747.1	6189.2
17.5°	2856.3	2679.2	2705.8	2873.5	3110.3	3472.4	3936.5	4566.7	5468.1	5954.0	6477.7
20°	3209.0	2925.3	2804.5	2835.9	3064.8	3459.8	3983.5	4786.2	5936.8	6645.4	7205.1
22.5°	3555.5	3384.6	3190.3	3126.0	3251.4	3665.2	4282.9	5305.1	6955.8	8023.4	9034.6
25°	3434.8	3580.6	3532.0	3441.1	3469.2	3812.6	4486.7	5731.4	7747.5	8949.9	9899.9
27.5°	2748.2	3013.1	3066.4	3064.8	3075.8	3358.0	4035.2	5444.6	7846.2	9127.0	10034.7
30°	1931.3	1954.9	1983.1	2038.0	2088.2	2340.5	3157.3	4779.8	7802.4	9207.0	10116.2
32.5°	1393.7	1425.1	1464.2	1539.5	1658.6	1980.0	2762.3	4568.3	8034.4	9537.8	10354.5
35°	1274.5	1310.6	1348.2	1434.5	1547.3	1845.1	2605.5	4480.4	8415.3	10073.9	10782.5
37.5°	1236.9	1277.6	1310.6	1373.3	1464.2	1748.0	2462.8	4420.9	8805.7	10641.4	11356.2
40°	1210.3	1257.3	1284.0	1334.1	1396.8	1658.6	2335.8	4373.8	9183.5	11160.3	11817.2
42.5°	1186.7	1235.3	1269.8	1305.9	1357.6	1578.7	2222.9	4326.8	9511.1	11663.6	12276.5
45°	1158.5	1219.7	1263.5	1291.8	1337.2	1511.3	2136.7	4289.2	9884.2	12110.3	12740.5
47.5°	1135.0	1202.4	1257.3	1290.2	1307.5	1464.2	2067.7	4340.9	10332.5	12577.5	13171.6
50°	1136.6	1200.8	1269.8	1321.5	1276.1	1425.1	2025.5	4546.3	10915.7	13132.5	13511.8
52.5°	1186.7	1265.1	1320.0	1332.5	1232.2	1378.0	2003.5	4905.3	11605.5	13623.1	13855.2
55°	1243.2	1324.7	1384.3	1376.4	1208.7	1318.4	1998.8	5287.8	12361.1	14195.3	14302.0
57.5°	1222.8	1341.9	1432.9	1392.1	1210.3	1260.4	1978.4	5596.6	12992.9	14623.3	14744.0
58°	1216.5	1335.6	1439.2	1389.0	1205.6	1243.2	1973.7	5623.3	13080.7	14653.1	14806.8
60°	1155.4	1280.8	1434.5	1365.5	1178.9	1196.1	1922.0	5709.5	13057.2	14499.4	14844.3
62.5°	1044.1	1147.6	1326.2	1251.0	1097.4	1133.5	1806.0	5602.9	12420.7	13759.5	14294.1
65°	918.7	995.5	1114.6	1100.5	981.3	1069.2	1647.7	5181.2	11146.2	12558.7	13121.5
67.5°	824.6	887.3	962.5	942.2	882.6	982.9	1476.7	4467.9	9716.5	11116.4	11825.0
70°	729.0	777.6	815.2	801.1	782.3	898.3	1324.7	3626.1	8346.3	9746.2	10432.9
72.5°	631.8	677.2	708.6	688.2	677.2	808.9	1200.8	2814.0	6592.1	8040.6	8923.2
75°	528.3	573.8	595.7	572.2	566.0	713.3	1017.4	2102.3	4946.1	6198.6	6960.5
77.5°	409.2	457.7	486.0	478.2	481.3	586.3	821.4	1439.2	3536.7	4224.9	5027.6
80°	286.9	340.2	359.0	351.2	373.1	446.8	580.0	914.0	2439.3	2741.9	3307.8
82.5°	177.1	227.3	230.4	238.3	253.9	330.8	437.4	556.6	1531.6	1583.4	1994.1
85°	89.3	108.1	116.0	128.6	142.7	202.2	249.2	344.9	986.0	746.2	1114.6
87.5°	29.8	31.3	37.7	47.1	58.0	83.1	106.6	141.1	244.5	134.8	344.9
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):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5963.5	5963.5	5963.5	5963.5	5963.5	5963.5	5963.5	5963.5	5963.5	5963.5
2.5°	6676.7	6810.0	6907.2	6996.6	6910.4	6902.5	6817.8	6681.4	6625.0	6625.0
5°	7070.3	7382.2	7634.6	7796.1	7727.1	7560.9	7286.6	6937.0	6748.8	6715.9
7.5°	7178.4	7794.5	8263.2	8429.4	8313.4	7946.6	7421.4	6832.0	6562.3	6502.7
10°	7112.5	7913.6	8601.9	8865.2	8703.7	8148.8	7432.4	6709.7	6377.3	6308.3
12.5°	7043.6	7929.4	8664.6	9045.5	8940.5	8311.9	7512.3	6629.7	6245.6	6146.9
15°	7093.7	7935.6	8587.8	8981.2	9048.7	8507.8	7644.0	6687.8	6219.0	6114.0
17.5°	7410.4	8054.7	8478.0	8796.2	9033.0	8774.3	8018.7	6965.2	6457.2	6327.2
20°	8071.9	8340.0	8540.7	8786.8	9167.8	9318.3	8785.3	7727.1	7126.7	7012.2
22.5°	9987.7	9939.1	9528.3	9523.6	10075.5	10679.0	10643.0	9276.0	8373.0	8278.9
25°	10705.7	10479.9	9885.8	9741.5	9984.6	10915.7	10781.0	9592.6	8758.6	8529.8
27.5°	10425.1	9865.4	9475.1	9442.1	9362.2	10241.6	10566.2	9721.2	8893.5	8670.9
30°	10407.8	9584.8	9026.7	9092.5	9169.4	10009.6	10685.3	10124.1	9238.3	9000.0
32.5°	10450.2	9624.0	9059.6	9072.2	9301.0	10044.1	10817.0	10563.1	9691.4	9453.1
35°	10621.0	9846.6	9269.7	9239.9	9597.3	10269.9	11041.2	11252.8	10310.6	10039.4
37.5°	10896.9	10290.3	9653.8	9645.9	10164.8	10677.5	11320.2	11948.9	10926.8	10635.2
40°	11303.0	10809.2	10337.2	10295.0	10936.2	11340.6	11682.4	12690.4	11643.1	11268.5
42.5°	11793.6	11431.5	11238.7	11406.4	12022.6	12085.2	12246.7	13375.4	12253.0	11817.2
45°	12248.3	12231.0	12499.1	12944.3	13303.3	12927.1	12836.2	13834.7	12726.4	12253.0
47.5°	12789.1	13256.3	14065.3	14717.3	15093.7	13906.9	13339.4	14134.2	13071.3	12635.5
50°	13337.9	14483.8	15775.6	16684.8	16764.7	14971.4	13685.8	14416.4	13384.8	12931.8
52.5°	13914.7	15463.6	17183.3	18240.0	18084.8	15897.9	14021.3	14607.6	13707.8	13309.6
55°	14416.4	16064.0	17970.3	18984.6	18757.3	16462.2	14383.5	14814.6	14168.7	13833.2
57.5°	14697.0	16114.2	17774.3	18660.1	18414.0	16352.5	14549.6	14968.2	14463.4	14200.0
58°	14737.8	16046.8	17600.4	18472.0	18221.1	16260.0	14548.1	14962.0	14482.2	14217.3
60°	14701.7	15609.4	16952.9	17728.9	17465.5	15680.0	14488.5	14844.3	14243.9	14019.8
62.5°	14367.8	14850.6	15835.2	16399.5	16324.2	14773.8	14243.9	14400.7	13518.1	13301.8
65°	13928.9	13816.0	14403.8	14803.6	14860.0	14095.0	14001.0	13441.3	12586.9	12281.2
67.5°	13395.8	12643.3	12641.8	12869.1	12963.1	13051.0	13494.6	12398.8	11245.0	10922.0
70°	12491.3	10835.8	10337.2	10605.3	10527.0	11268.5	12590.0	10934.6	9627.1	9249.3
72.5°	10832.6	8598.7	7800.8	8145.6	7948.2	8837.0	11016.1	8998.5	7960.7	7496.7
75°	8780.6	6432.2	5609.2	5925.8	5803.5	6703.4	9166.2	6535.6	5709.5	5532.4
77.5°	6817.8	4660.7	4182.6	4138.7	4229.6	4988.3	6723.8	4413.0	3764.0	3643.3
80°	4380.1	3336.0	3364.2	3307.8	3354.8	3144.8	4082.2	2815.6	2549.1	2451.9
82.5°	2882.9	2324.9	2771.7	2558.5	2429.9	2114.8	2677.6	1843.6	1564.5	1511.3
85°	1964.3	1711.9	1558.2	1191.4	1403.1	1628.8	2008.2	992.4	787.0	713.3
87.5°	887.3	595.7	437.4	269.7	426.4	492.3	975.1	116.0	89.3	92.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)