

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: P647060

Luminaire Tested: **GALN-SA7C-835-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P647060
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-24)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SA7C-835-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 80 CRI, 3500K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH WHITE GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 28556 lumens
Efficiency: N/A
Efficacy: 75.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B3 - U0 - G3

Input Watts (W): 377
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

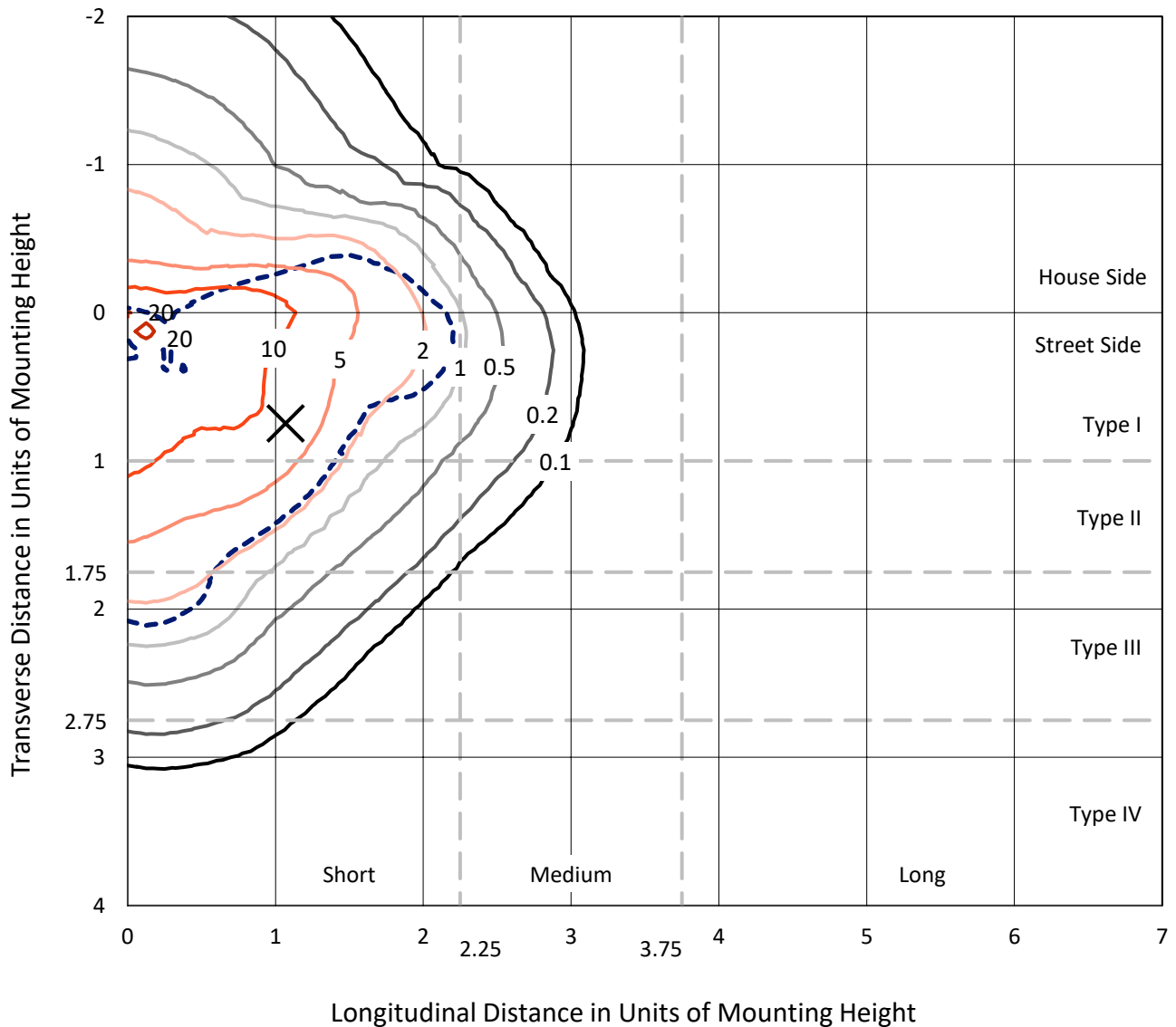




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Iso-Footcandle Lines of Horizontal Illumination

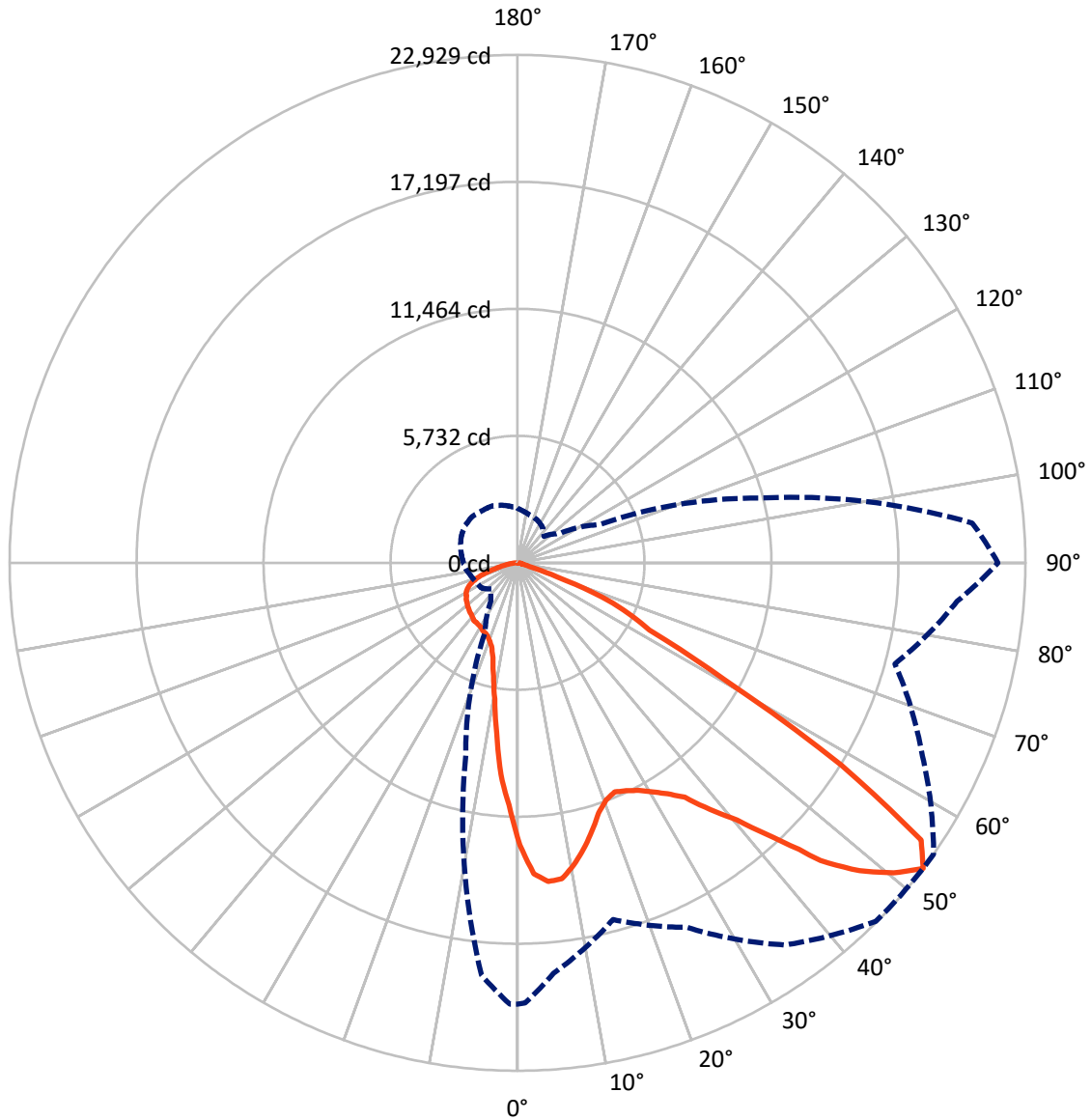
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 21.7 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral - - - Horizontal Cone Through 52.5-Deg Vertical

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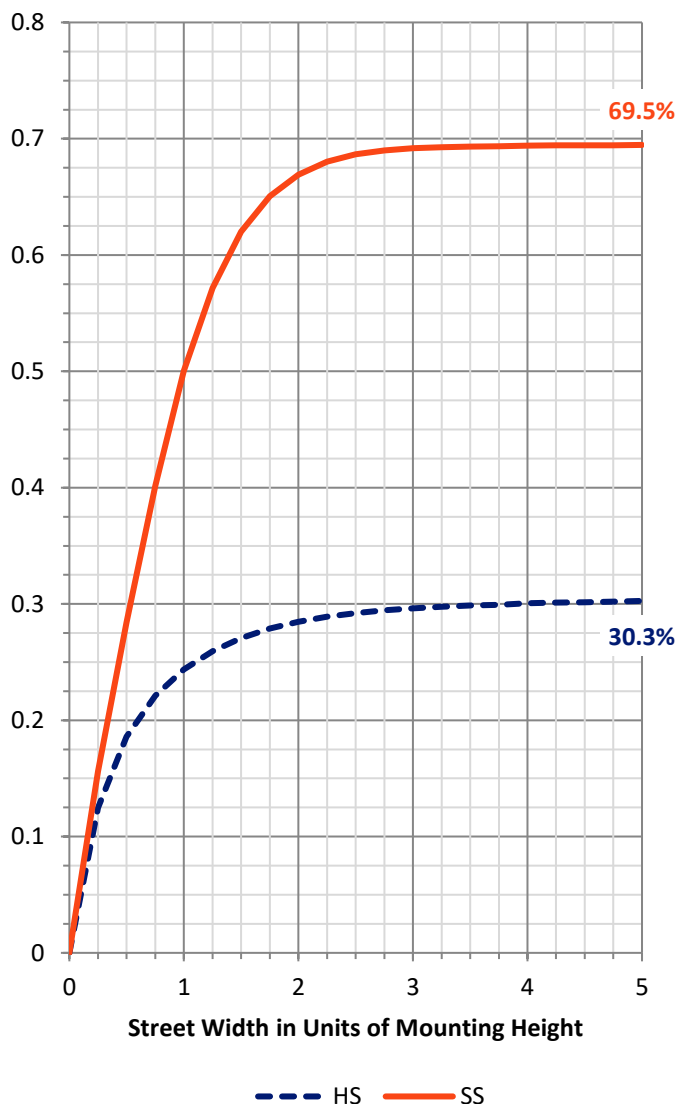
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8711.1	0.0	8711.1
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	19844.9	0.0	19844.9
	% Fixture	69.5	0.0	69.5
Total	Lumens	28556.0	0.0	28556.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	973.2	3.4
10°-20°	2098.3	7.3
20°-30°	3181.7	11.1
30°-40°	4597.1	16.1
40°-50°	6142.9	21.5
50°-60°	6856.9	24.0
60°-70°	3761.3	13.2
70°-80°	813.2	2.8
80°-90°	131.6	0.5
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°	28556.0	100.0
0°-180°	28556.0	100.0

Coefficient of Utilization

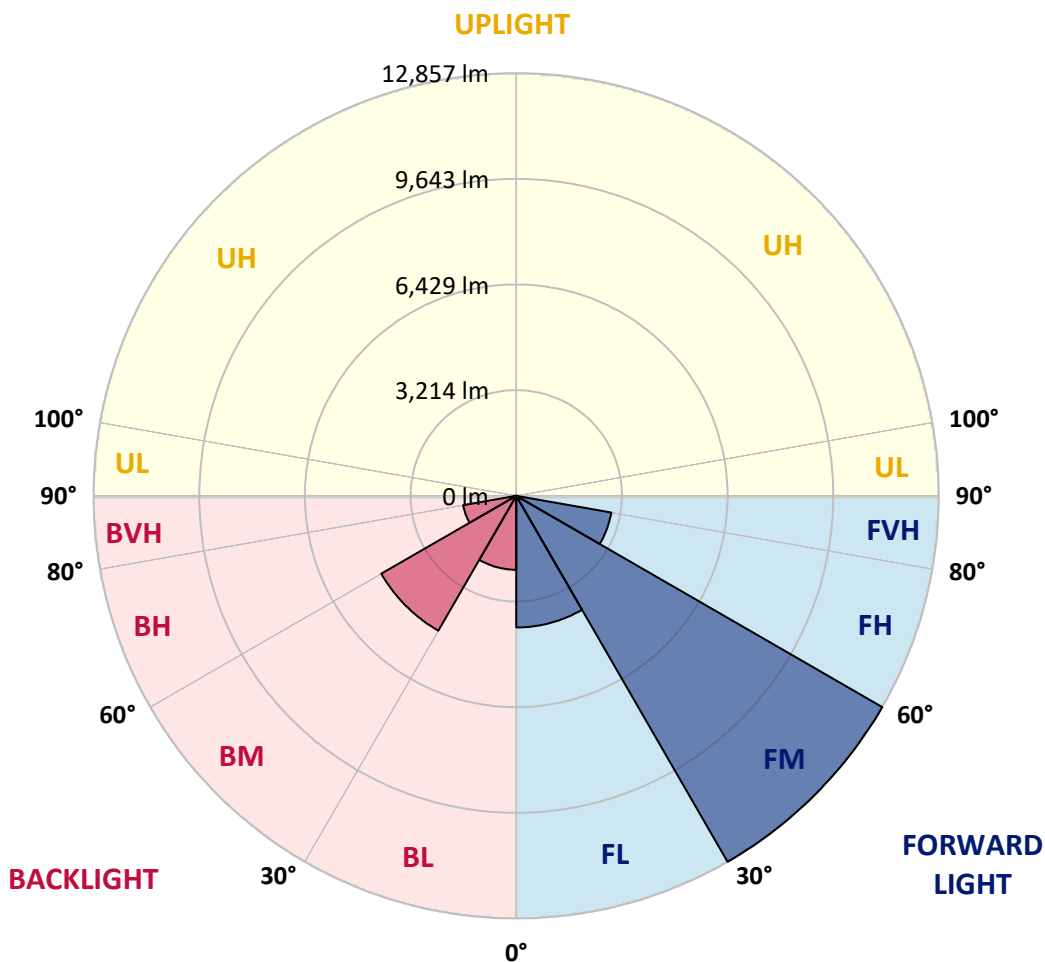


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4004.1	14.0			
FM (30°-60°)	12857.3	45.0			
FH (60°-80°)	2934.8	10.3			G2/5000
FVH (80°-90°)	48.7	0.2			G1/100
BL (0°-30°)	2249.1	7.9	B3/2500		
BM (30°-60°)	4739.6	16.6	B3/5000		
BH (60°-80°)	1639.6	5.7	B3/2500		G3/2500
BVH (80°-90°)	82.8	0.3			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 II Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	12738.2	12738.2	12738.2	12738.2	12738.2	12738.2	12738.2	12738.2	12738.2	12738.2	12738.2
2.5°	13367.8	13292.8	13359.5	13676.3	13859.8	13984.9	14064.2	14051.6	13751.4	13459.5	13459.5
5°	12975.9	12880.0	13017.5	13734.8	14456.1	14518.6	14622.8	14451.9	14009.9	13476.2	12809.1
7.5°	11841.7	11912.6	12141.9	13084.2	14022.4	14493.6	14618.7	14401.9	13684.7	12688.1	11708.3
10°	10861.9	11028.6	11558.2	12575.6	13438.7	14051.6	14189.2	13884.9	13317.7	12096.1	11220.5
12.5°	10524.1	10419.9	11007.8	12025.2	12850.8	13180.2	13242.7	13263.6	12880.0	11795.8	10728.4
15°	10482.4	10549.1	11007.8	11779.1	12287.9	12304.5	12408.8	12571.4	12621.4	12000.2	10957.8
17.5°	11082.8	11003.7	11474.8	12087.7	11845.9	11604.1	11629.0	11862.6	12275.3	12175.3	11679.1
20°	11971.0	12150.3	12521.3	12458.9	11808.3	11195.4	11199.6	11420.6	12233.7	12900.8	12684.0
22.5°	13447.0	13622.2	13897.3	13142.7	11808.3	11074.5	10932.7	11232.9	12500.5	13763.9	13818.1
25°	14793.8	15114.9	15190.0	14301.8	12400.4	11187.1	11095.3	11391.4	12767.4	14606.2	15119.0
27.5°	16019.7	16136.5	16465.9	15048.2	12729.9	11262.1	11253.8	11633.3	13105.1	15027.3	16282.3
30°	16987.0	16974.5	17162.2	15519.3	13255.3	11683.3	11278.8	11996.0	13547.1	15723.7	17358.1
32.5°	17645.8	17787.6	18183.7	16174.0	13476.2	12083.6	11766.7	12421.3	14085.0	16053.1	18117.0
35°	18805.0	19051.0	18550.6	16536.7	14176.7	12479.7	12108.5	13000.9	14351.8	16411.6	19046.8
37.5°	19897.4	19709.8	19201.1	16732.7	14631.2	13213.5	12867.4	14122.5	15181.6	17191.3	19663.9
40°	20597.9	20593.8	19688.9	16891.1	14952.2	14335.2	14314.3	15260.8	16198.9	17683.4	20356.1
42.5°	20902.3	21194.2	19889.1	16874.4	15627.7	15694.5	16115.5	16962.1	16920.3	17783.4	20339.4
44°	21319.3	21494.4	20235.1	16912.0	16078.0	16611.7	17604.1	18142.0	17549.9	17729.2	20318.5
45°	21302.6	21315.1	19743.2	16962.1	16461.6	17379.0	18267.1	19176.1	18104.5	17612.5	20593.8
47.5°	20814.7	20673.0	19326.2	16590.9	17658.4	19405.4	20226.8	20777.2	18788.3	17362.3	20251.8
50°	19851.6	19688.9	18313.0	16432.5	17908.5	20664.6	21798.8	21998.9	19409.6	17116.3	19914.1
52.5°	19918.3	19872.4	18600.7	16670.1	18158.7	21060.7	22878.7	22928.7	20114.3	17633.3	19918.3
55°	21110.8	20952.4	19426.2	16966.2	17975.3	20597.9	22190.7	22103.2	19876.6	17320.6	20285.2
57.5°	19317.9	19422.1	18283.8	15794.5	15732.0	16745.2	17445.7	17228.9	16586.8	15631.9	18871.7
60°	15586.0	15882.1	15990.5	13209.4	11870.9	11349.7	11141.2	10757.6	10866.0	12842.5	16578.4
62.5°	13367.8	13351.1	14030.7	11975.1	7776.4	6688.1	6588.0	6675.5	7926.5	12642.3	16236.5
65°	10599.2	10882.7	11091.2	10148.9	6154.4	4966.0	4961.9	5516.4	6859.0	10565.8	13109.3
67.5°	6729.7	7100.9	7359.4	6492.1	4115.4	3535.9	3440.0	4107.1	4753.4	6929.9	7893.1
70°	3794.3	3969.5	4086.2	3744.3	2618.5	1834.6	1726.2	1884.7	2872.9	4486.5	4678.3
72.5°	1463.5	1542.7	1701.2	1713.8	988.2	592.1	479.5	575.4	1209.2	1776.2	1692.8
75°	225.2	241.9	341.9	408.6	283.5	216.8	229.3	237.6	337.7	458.7	383.6
77.5°	108.4	108.4	104.2	120.9	141.8	154.3	166.8	183.5	200.1	221.0	212.7
80°	70.9	70.9	70.9	83.4	104.2	125.1	141.8	150.1	158.5	175.2	166.8
82.5°	45.9	45.9	45.9	62.6	83.4	104.2	112.6	133.4	150.1	175.2	162.6
85°	25.1	25.1	25.1	41.7	62.6	87.5	83.4	66.7	37.5	4.1	8.4
87.5°	8.4	8.4	8.4	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	12738.2	12738.2	12738.2	12738.2	12738.2	12738.2	12738.2	12738.2	12738.2	12738.2	12738.2
2.5°	13109.3	12917.5	12900.8	12508.9	12158.6	11987.7	11850.1	11466.5	11549.9	11328.8	11324.7
5°	12475.5	12083.6	11449.8	10928.6	10407.4	10303.1	9848.7	9452.5	9465.1	9181.5	9231.6
7.5°	11337.2	11066.1	10294.8	9477.5	8785.4	8293.4	7863.9	7605.4	7275.9	7163.4	7105.0
10°	10615.8	10282.3	9415.0	8389.3	7613.7	7351.0	6938.2	6708.9	6371.2	6204.4	6087.7
12.5°	10299.0	9811.1	8727.0	7684.6	7167.6	6896.6	6546.3	6129.3	5729.1	5574.8	5362.1
15°	10332.3	9748.6	8526.9	7401.1	6779.8	6254.4	5941.7	5478.9	5070.2	4799.2	4645.0
17.5°	10836.9	10128.0	8618.6	7184.3	6292.0	5633.1	5020.2	4519.9	4194.6	3990.3	3940.3
20°	12029.4	11066.1	8772.9	6834.0	5804.1	4982.7	4228.0	3706.8	3456.6	3452.5	3456.6
22.5°	13021.8	12066.9	9085.6	6625.5	5316.3	4148.8	3398.2	3231.4	3181.4	3285.6	3298.2
25°	14360.1	13192.7	9623.5	6517.1	4866.0	3535.9	3073.0	3010.5	3006.3	3139.8	3143.9
27.5°	15732.0	14176.7	9944.6	6200.3	4407.3	3218.9	2877.1	2864.5	2931.2	3073.0	3060.5
30°	16666.0	15002.3	10524.1	5820.8	3865.2	2939.6	2797.8	2814.5	2906.3	3014.6	3031.3
32.5°	17754.2	15815.3	10674.2	5612.3	3531.6	2706.0	2606.0	2643.6	2760.3	2931.2	3023.0
35°	19001.0	16390.8	10903.6	5328.8	3406.6	2526.8	2476.8	2518.4	2660.2	2772.8	2872.9
37.5°	19922.4	17408.1	10945.2	5107.8	3268.9	2426.8	2347.5	2485.1	2568.5	2727.0	2777.0
40°	20606.3	18146.2	11053.7	4970.2	3160.6	2297.5	2297.5	2389.2	2501.8	2647.7	2747.8
42.5°	21044.1	18684.1	11132.9	4845.1	2952.1	2260.0	2239.1	2330.8	2480.9	2622.7	2668.5
44°	21310.9	18913.4	11053.7	4728.4	2893.7	2214.1	2214.1	2293.3	2410.1	2576.9	2631.0
45°	21377.6	19201.1	10878.5	4724.2	2822.9	2159.8	2151.5	2301.6	2380.9	2585.2	2618.5
47.5°	21636.2	19555.5	10899.4	4590.7	2651.9	2030.6	2176.5	2243.2	2314.2	2493.5	2606.0
50°	21627.8	19776.5	10853.6	4394.7	2526.8	1884.7	2126.5	2201.6	2272.4	2455.9	2501.8
52.5°	21686.2	20602.1	11274.7	4082.1	2301.6	1697.1	1959.7	2126.5	2214.1	2368.3	2464.3
55°	21657.0	21073.3	11691.6	3848.5	1984.7	1584.5	1818.0	2014.0	2139.0	2301.6	2347.5
57.5°	19780.7	18625.7	10820.2	3410.7	1642.8	1451.1	1617.8	1897.2	2055.6	2222.4	2280.8
60°	16161.4	14356.0	8923.0	2510.1	1351.0	1334.3	1505.2	1859.6	1926.3	2072.3	2172.4
62.5°	14935.6	12592.3	7075.8	1918.0	1155.0	1221.7	1388.5	1680.3	1784.6	1963.9	2055.6
65°	11687.4	8364.2	4382.3	1296.7	1017.4	1096.6	1255.1	1471.9	1642.8	1809.6	1918.0
67.5°	6921.6	4569.9	2168.2	909.0	888.2	971.5	1134.2	1296.7	1492.7	1676.2	1730.4
70°	3769.4	2247.4	925.7	692.2	754.7	829.7	988.2	1100.7	1288.4	1430.1	1521.9
72.5°	1209.2	683.8	462.8	512.9	575.4	663.0	758.9	896.5	1029.9	1113.3	1188.4
75°	291.9	287.7	329.4	358.6	416.9	483.7	562.9	633.8	738.1	817.2	883.9
77.5°	204.3	221.0	254.3	296.1	316.9	341.9	392.0	446.2	492.0	550.4	592.1
80°	158.5	170.9	196.0	216.8	237.6	258.5	283.5	304.4	333.6	371.1	392.0
82.5°	150.1	158.5	183.5	196.0	187.6	183.5	200.1	208.5	212.7	225.2	237.6
85°	12.5	0.0	8.4	29.2	70.9	104.2	112.6	112.6	108.4	116.7	116.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	16.7	12.5
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°	12738.2	12738.2	12738.2	12738.2	12738.2	12738.2	12738.2	12738.2	12738.2	12738.2	12738.2
2.5°	11274.7	11132.9	11187.1	11253.8	11157.9	10936.9	10995.3	10970.3	11195.4	11178.7	11403.9
5°	9452.5	9231.6	9256.5	9581.8	9477.5	9590.1	9365.0	9335.8	9377.4	9398.3	9435.9
7.5°	7234.3	7205.1	7455.3	7730.5	7859.8	7726.3	7505.3	7455.3	7409.5	7317.7	7526.2
10°	5904.2	5912.5	5895.8	6104.3	6250.3	6221.1	6087.7	6071.0	5983.4	5950.0	6066.8
12.5°	5270.4	5157.9	5103.6	5036.9	5149.5	5224.6	5166.2	5124.5	5128.7	5170.3	5187.0
15°	4657.4	4586.6	4469.8	4394.7	4449.0	4411.4	4390.6	4474.0	4453.2	4444.8	4544.9
17.5°	3969.5	4027.8	4019.5	3936.1	4007.0	3977.8	3973.6	3915.2	3836.1	3777.7	3811.0
20°	3515.0	3623.4	3706.8	3711.0	3748.5	3744.3	3681.7	3502.5	3444.1	3431.6	3440.0
22.5°	3352.3	3410.7	3510.8	3652.6	3652.6	3585.9	3510.8	3302.3	3248.1	3189.8	3164.7
25°	3223.1	3335.7	3464.9	3481.6	3548.3	3485.8	3364.9	3260.6	3148.1	3068.8	3068.8
27.5°	3156.4	3281.5	3377.4	3406.6	3498.3	3448.3	3323.2	3189.8	3056.4	3052.1	2981.3
30°	3127.2	3244.0	3306.5	3377.4	3419.1	3339.9	3302.3	3160.6	3027.2	2993.8	2877.1
32.5°	3039.7	3206.5	3323.2	3306.5	3339.9	3306.5	3252.3	3135.5	2985.4	2910.4	2897.9
35°	2939.6	3106.4	3231.4	3319.0	3339.9	3268.9	3235.6	3077.2	2872.9	2835.3	2706.0
37.5°	2885.4	2985.4	3139.8	3281.5	3310.7	3273.2	3160.6	2998.0	2793.7	2751.9	2639.3
40°	2818.6	2947.9	3068.8	3185.6	3273.2	3181.4	3052.1	2893.7	2802.0	2676.9	2643.6
42.5°	2768.6	2914.6	3014.6	3143.9	3244.0	3123.1	2973.0	2864.5	2735.3	2651.9	2555.9
44°	2751.9	2885.4	2952.1	3110.5	3193.9	3102.2	2977.1	2864.5	2714.4	2639.3	2555.9
45°	2693.6	2877.1	2947.9	3089.7	3160.6	3085.5	2927.1	2814.5	2706.0	2614.4	2526.8
47.5°	2635.2	2760.3	2881.2	2993.8	3043.8	3018.8	2885.4	2747.8	2618.5	2564.3	2480.9
50°	2618.5	2743.6	2856.2	2960.4	3018.8	2968.7	2847.8	2714.4	2564.3	2476.8	2405.8
52.5°	2535.1	2689.4	2814.5	2847.8	2922.9	2893.7	2802.0	2656.0	2514.3	2439.2	2380.9
55°	2414.2	2576.9	2747.8	2789.4	2897.9	2852.0	2714.4	2576.9	2455.9	2343.4	2268.3
57.5°	2368.3	2526.8	2693.6	2747.8	2814.5	2739.4	2706.0	2560.2	2368.3	2310.0	2193.2
60°	2251.6	2451.7	2589.3	2714.4	2718.6	2697.7	2639.3	2472.6	2314.2	2205.7	2122.3
62.5°	2159.8	2347.5	2455.9	2572.6	2643.6	2585.2	2526.8	2372.5	2201.6	2080.7	1984.7
65°	2026.4	2197.4	2289.1	2360.0	2439.2	2430.9	2330.8	2218.2	2038.9	1943.0	1851.3
67.5°	1822.1	1972.2	2097.3	2164.1	2214.1	2201.6	2126.5	2047.3	1863.9	1767.9	1701.2
70°	1576.1	1730.4	1809.6	1847.2	1897.2	1922.2	1863.9	1826.3	1663.6	1538.6	1476.0
72.5°	1267.6	1367.7	1484.4	1517.8	1538.6	1555.3	1555.3	1521.9	1355.1	1305.1	1196.7
75°	934.0	1013.2	1100.7	1100.7	1138.3	1142.5	1150.9	1129.9	1004.9	938.2	913.1
77.5°	633.8	692.2	763.0	792.2	817.2	813.1	808.9	750.5	683.8	654.7	629.6
80°	412.8	471.1	504.5	542.1	567.0	562.9	571.3	529.5	500.3	450.3	458.7
82.5°	246.0	291.9	325.3	371.1	371.1	383.6	383.6	371.1	341.9	316.9	316.9
85°	116.7	154.3	175.2	204.3	221.0	225.2	200.1	170.9	141.8	129.3	141.8
87.5°	20.8	29.2	41.7	37.5	45.9	41.7	41.7	41.7	41.7	33.4	37.5
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	12738.2	12738.2	12738.2	12738.2	12738.2	12738.2	12738.2	12738.2	12738.2	12738.2
2.5°	11320.5	11529.0	11674.9	11916.8	12333.7	12667.3	13009.2	13263.6	13292.8	13367.8
5°	9573.4	9686.0	10057.1	10540.8	10882.7	11445.6	11808.3	12467.2	12713.2	12975.9
7.5°	7476.2	7659.6	8155.8	8481.0	9231.6	9936.2	10665.9	11478.9	11804.2	11841.7
10°	6304.5	6571.3	6909.0	7430.3	7838.8	8622.8	9531.8	10436.5	10799.3	10861.9
12.5°	5537.2	5879.2	6329.5	6704.8	7096.7	7780.5	8652.0	9769.4	10240.6	10524.1
15°	4799.2	5153.6	5649.8	6171.1	6517.1	7334.4	8360.1	9619.3	10232.2	10482.4
17.5°	4040.4	4369.8	4778.4	5341.3	6037.6	6954.9	8314.2	10119.6	10791.0	11082.8
20°	3389.9	3573.4	4048.7	4628.3	5499.7	6567.2	8330.9	10857.7	11841.7	11971.0
22.5°	3135.5	3177.3	3364.9	3898.6	4853.4	6171.1	8626.9	11904.3	13021.8	13447.0
25°	2939.6	2931.2	2981.3	3339.9	4382.3	6016.7	8918.8	12867.4	14331.0	14793.8
27.5°	2831.2	2747.8	2751.9	3089.7	4048.7	5766.6	9294.1	13972.4	15815.3	16019.7
30°	2777.0	2760.3	2710.3	2847.8	3686.0	5391.3	9356.6	15060.7	16691.0	16987.0
32.5°	2743.6	2581.0	2518.4	2568.5	3344.0	4982.7	9590.1	15777.8	17775.1	17645.8
35°	2576.9	2430.9	2389.2	2439.2	3102.2	4753.4	9435.9	16403.3	18588.2	18805.0
37.5°	2514.3	2385.0	2301.6	2260.0	2877.1	4561.6	9356.6	17366.5	19376.2	19897.4
40°	2455.9	2318.3	2218.2	2176.5	2701.9	4307.2	9331.6	18108.7	20285.2	20597.9
42.5°	2389.2	2301.6	2189.0	2114.0	2489.2	4052.9	9043.9	18338.0	20564.6	20902.3
44°	2368.3	2234.9	2118.2	2093.1	2405.8	3923.6	8985.6	18546.5	20806.4	21319.3
45°	2347.5	2222.4	2089.0	2055.6	2376.7	3852.8	8906.3	18596.5	21206.7	21302.6
47.5°	2289.1	2209.9	2080.7	1988.9	2314.2	3698.4	8668.7	18313.0	20798.0	20814.7
50°	2243.2	2151.5	2018.1	1838.8	2230.8	3569.2	8777.0	18208.7	19814.0	19851.6
52.5°	2193.2	2055.6	1980.6	1672.0	2093.1	3460.8	9006.4	18679.9	19926.6	19918.3
55°	2134.8	1984.7	1801.3	1530.2	1863.9	3323.2	9560.9	19609.7	20969.1	21110.8
57.5°	2043.1	1913.9	1651.2	1405.2	1601.2	3060.5	9381.7	17829.3	19292.8	19317.9
60°	1922.2	1801.3	1496.9	1309.3	1313.4	2414.2	8389.3	13893.2	15223.3	15586.0
62.5°	1805.4	1738.7	1367.7	1171.7	1117.4	1922.2	7092.5	11545.6	13067.6	13367.8
65°	1667.9	1505.2	1255.1	1067.4	959.0	1346.8	5024.4	8626.9	10194.7	10599.2
67.5°	1492.7	1317.6	1105.0	938.2	821.4	900.6	2593.5	4903.5	6492.1	6729.7
70°	1305.1	1142.5	929.8	792.2	663.0	621.3	1142.5	2339.1	3548.3	3794.3
72.5°	1071.6	921.5	742.2	625.5	496.2	429.5	383.6	625.5	1259.2	1463.5
75°	775.6	671.3	558.7	446.2	350.2	275.2	225.2	187.6	208.5	225.2
77.5°	571.3	487.8	412.8	316.9	246.0	196.0	154.3	116.7	112.6	108.4
80°	446.2	396.1	329.4	254.3	191.8	146.0	108.4	79.2	70.9	70.9
82.5°	350.2	325.3	271.0	208.5	158.5	116.7	79.2	54.2	45.9	45.9
85°	133.4	133.4	196.0	170.9	120.9	83.4	54.2	29.2	25.1	25.1
87.5°	33.4	33.4	33.4	33.4	29.2	25.1	25.1	12.5	8.4	8.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)