

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P641342

Luminaire Tested: GWS-SA5F-760-U-SLL-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P641342
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-37)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA5F-760-U-SLL-W
Description: GALLEON WALL SLIM LUMINAIRE. (5) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS
Light Source: (80) 5700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 39466.8 lumens
Efficiency: N/A
Efficacy: 127.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G5

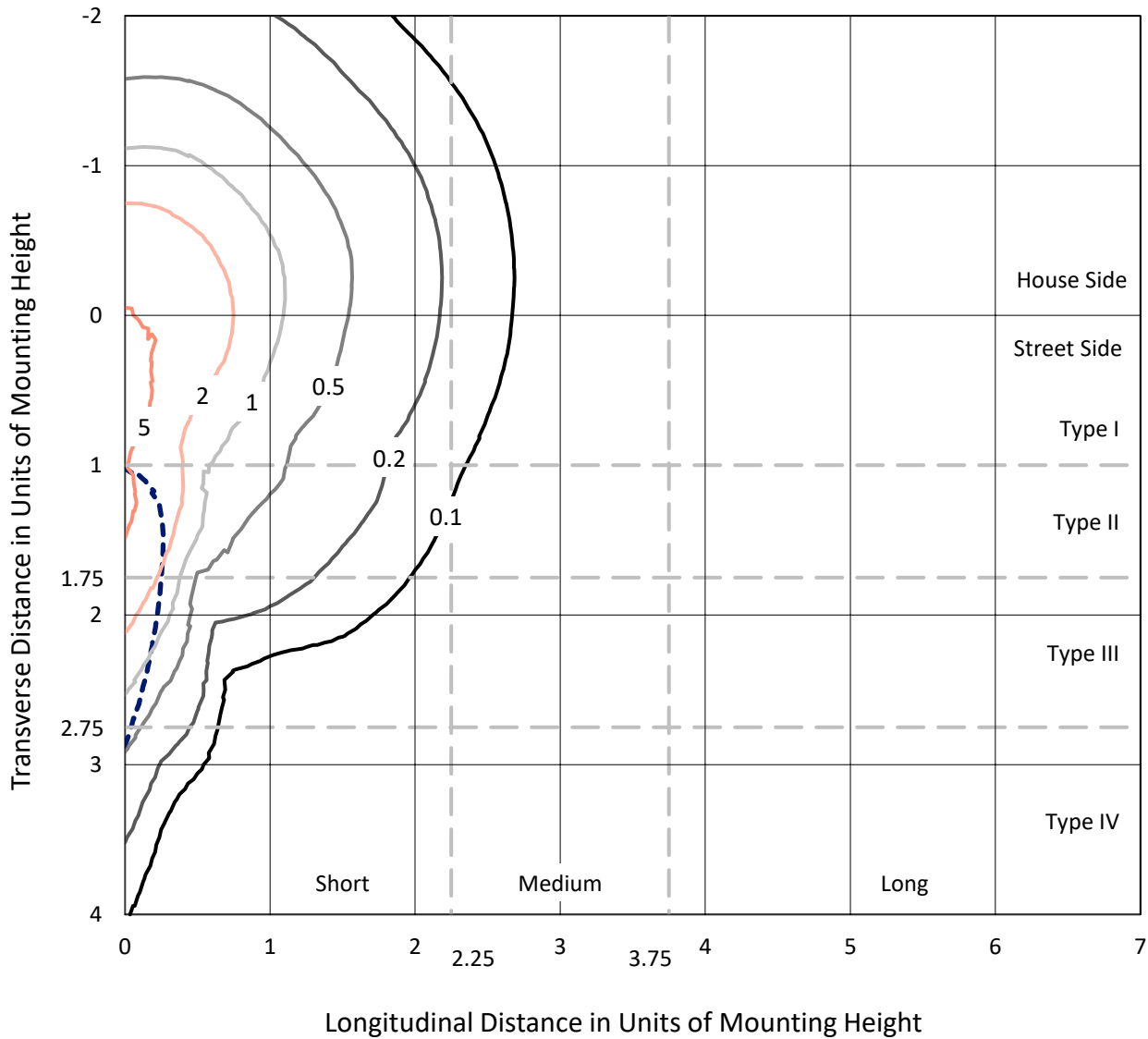
Input Watts (W): 310.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

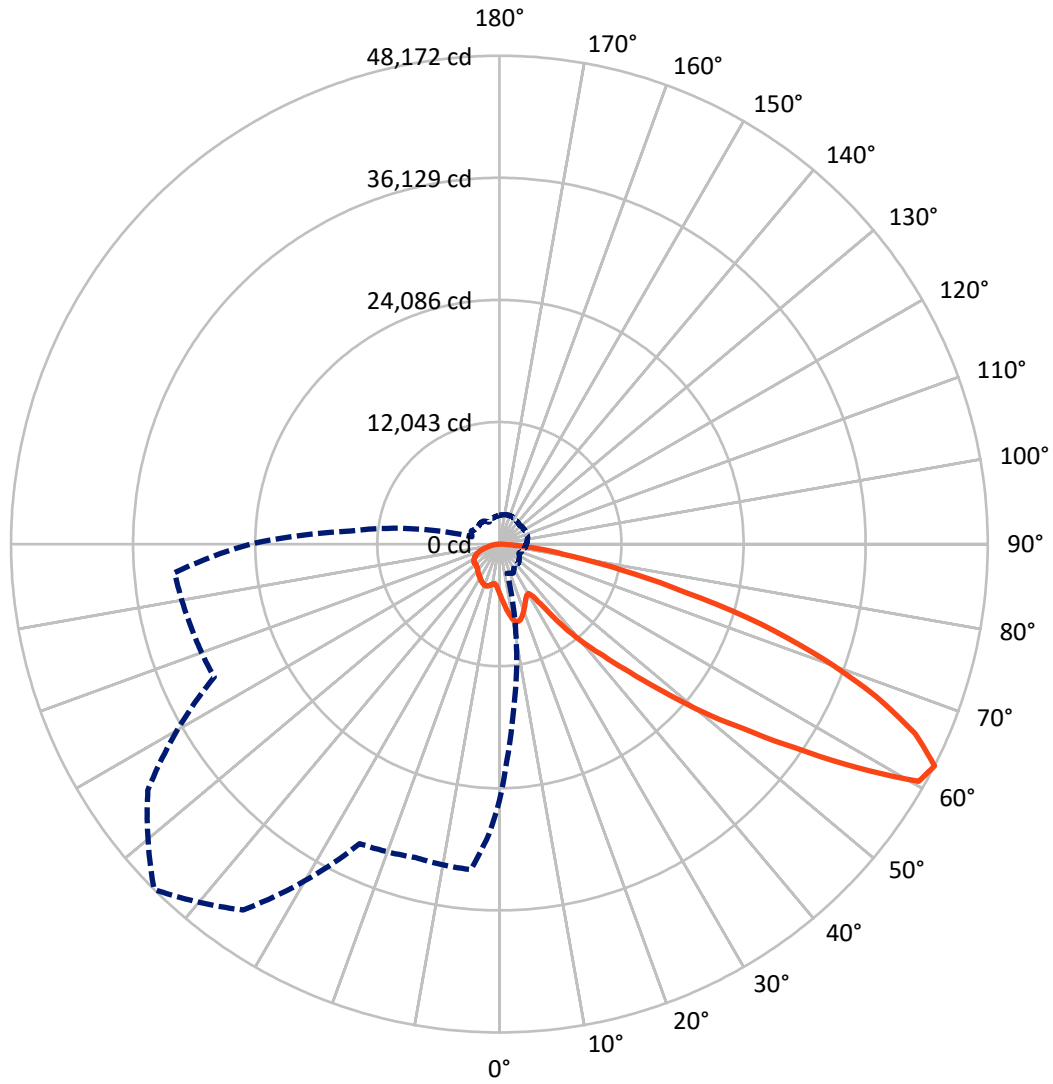
× Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 7.3 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9436.6	0.0	9436.6
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	30030.2	0.0	30030.2
	% Fixture	76.1	0.0	76.1
Total	Lumens	39466.8	0.0	39466.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	484.8	1.2
10°-20°	1575.5	4.0
20°-30°	2480.1	6.3
30°-40°	3399.5	8.6
40°-50°	5304.3	13.4
50°-60°	9145.7	23.2
60°-70°	10598.7	26.9
70°-80°	5594.5	14.2
80°-90°	883.7	2.2
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°	39466.8	100.0
0°-180°	39466.8	100.0

Coefficient of Utilization



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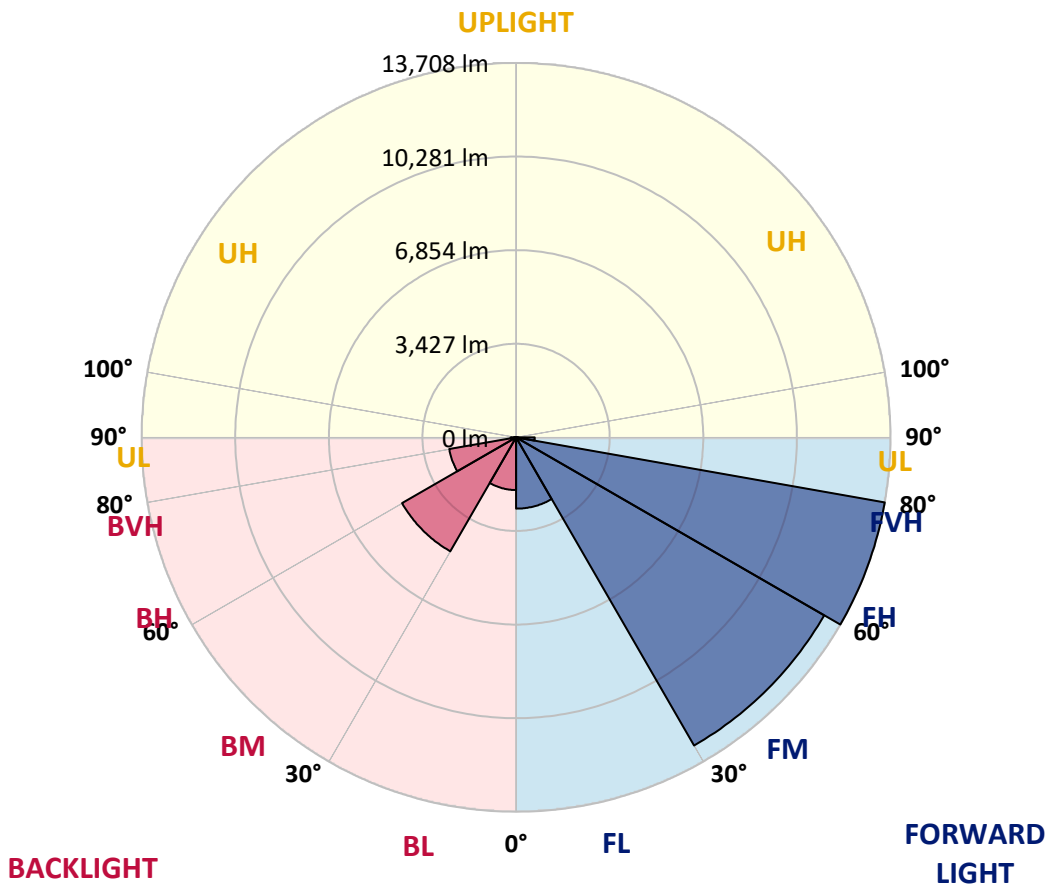
CATALOG NUMBER: GWS-SA5F-760-U-SLL-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2610.3	6.6			
FM (30°-60°)	13029.4	33.0			
FH (60°-80°)	13708.5	34.7			G5
FVH (80°-90°)	682.1	1.7			G4/750
BL (0°-30°)	1930.1	4.9	B3/2500		
BM (30°-60°)	4820.1	12.2	B3/5000		
BH (60°-80°)	2484.7	6.3	B3/2500		G3/2500
BVH (80°-90°)	201.6	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-G5

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4920.7	4920.7	4920.7	4920.7	4920.7	4920.7	4920.7	4920.7	4920.7	4920.7	4920.7
2.5°	5346.3	5325.2	5295.0	5192.4	5129.0	5056.5	4981.1	4893.5	4793.9	4724.5	4655.0
5°	5799.2	5766.0	5693.5	5449.0	5279.9	5095.8	4941.8	4766.7	4594.7	4476.9	4359.2
7.5°	6233.9	6191.6	6079.9	5705.6	5430.9	5165.2	4932.8	4679.2	4422.6	4247.5	4108.6
10°	6668.6	6581.0	6439.2	5950.1	5587.9	5279.9	5014.3	4703.3	4362.2	4123.7	3975.8
12.5°	7000.7	6919.2	6765.2	6173.5	5744.8	5358.4	5059.6	4772.8	4483.0	4229.4	4078.4
15°	7311.6	7205.9	7030.9	6381.8	5874.6	5355.4	4969.0	4718.4	4676.2	4612.8	4416.5
17.5°	7535.0	7438.4	7257.3	6550.9	5947.1	5261.8	4718.4	4570.5	4760.7	4953.9	4766.7
20°	7731.2	7619.5	7435.4	6668.6	5962.2	5053.5	4413.5	4416.5	4715.4	4981.1	4935.8
22.5°	7897.3	7773.5	7610.5	6801.4	5956.2	4763.7	4147.9	4329.0	4627.9	4836.2	4842.2
25°	8102.5	7999.9	7864.1	6997.6	5956.2	4467.9	3954.7	4223.3	4479.9	4655.0	4649.0
27.5°	8353.1	8283.7	8172.0	7296.5	6010.5	4220.3	3846.0	4087.5	4289.8	4440.7	4437.7
30°	8633.9	8570.5	8485.9	7613.5	6104.1	4036.2	3785.6	3918.4	4066.4	4187.1	4187.1
32.5°	8920.6	8896.5	8805.9	7867.1	6031.6	3978.8	3734.3	3749.4	3827.9	3927.5	3918.4
35°	9319.1	9295.0	9180.3	8063.3	5717.7	3897.3	3652.8	3577.3	3586.4	3649.8	3670.9
37.5°	9901.8	9865.5	9696.5	8292.7	5243.7	3692.0	3520.0	3396.2	3369.0	3396.2	3435.4
40°	10605.1	10550.8	10321.4	8603.7	4697.3	3414.3	3311.7	3209.0	3163.7	3172.8	3218.1
42.5°	11486.6	11371.9	11042.9	8932.7	4156.9	3169.8	3079.2	3015.8	2964.5	2958.5	3046.0
45°	12917.6	12603.6	12081.4	9225.5	3701.1	3040.0	2870.9	2825.6	2783.4	2807.5	2910.2
47.5°	15417.2	14837.5	13820.2	9476.1	3423.4	3043.0	2704.9	2656.6	2653.6	2701.9	2816.6
50°	18852.6	18016.4	16446.6	9645.2	3278.4	3079.2	2605.3	2526.8	2584.1	2632.4	2741.1
52.5°	22143.1	20866.2	18997.5	9642.1	3215.1	3085.2	2632.4	2406.0	2584.1	2596.2	2698.8
55°	24953.6	22641.2	19685.8	8652.0	3124.5	3061.1	2738.1	2312.4	2550.9	2596.2	2677.7
57.5°	27187.6	23770.3	19634.5	6988.6	3399.2	2928.3	2801.5	2291.3	2454.3	2602.2	2695.8
60°	26940.0	23254.0	18369.6	4289.8	3372.0	2692.8	2792.4	2330.5	2291.3	2520.7	2674.7
62.5°	25294.8	21403.5	16193.0	2976.6	3166.8	2556.9	2644.5	2400.0	2140.4	2403.0	2572.0
65°	22991.4	19015.6	13494.2	2282.2	2623.4	2563.0	2393.9	2351.7	2007.5	2215.8	2397.0
67.5°	19945.4	16054.1	10653.5	1808.3	1829.4	2218.8	2173.6	2089.0	1883.7	2049.8	2212.8
70°	14994.5	11716.1	7329.7	1455.1	1385.6	1853.6	1953.2	1877.7	1763.0	1811.3	1983.4
72.5°	10565.9	7649.7	4015.0	1153.2	1068.7	1424.9	1696.6	1684.5	1557.7	1593.9	1763.0
75°	7852.0	5412.8	2508.6	911.7	869.4	1020.4	1421.9	1458.1	1352.4	1394.7	1524.5
77.5°	5225.6	3504.9	1394.7	676.2	676.2	745.7	1059.6	1228.7	1150.2	1183.4	1273.9
80°	2883.0	1784.1	697.3	443.8	455.8	513.2	772.8	884.5	887.5	969.0	993.2
82.5°	911.7	567.5	310.9	259.6	244.5	292.8	498.1	634.0	591.7	754.7	694.3
85°	208.3	132.8	57.4	57.4	63.4	96.6	190.2	338.1	431.7	519.2	377.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	132.8	196.2	175.1
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°	4920.7	4920.7	4920.7	4920.7	4920.7	4920.7	4920.7	4920.7	4920.7	4920.7	4920.7
2.5°	4612.8	4552.4	4534.3	4483.0	4476.9	4428.6	4410.5	4410.5	4431.6	4431.6	4452.8
5°	4310.9	4235.4	4193.2	4132.8	4117.7	4081.5	4057.3	4060.3	4087.5	4105.6	4141.8
7.5°	4045.2	3993.9	3963.7	3936.6	3930.5	3924.5	3897.3	3894.3	3903.3	3930.5	3957.7
10°	3933.5	3897.3	3906.4	3927.5	3960.7	3978.8	3954.7	3942.6	3933.5	3951.6	3975.8
12.5°	4042.2	4006.0	4024.1	4060.3	4105.6	4123.7	4114.7	4111.6	4120.7	4190.1	4241.5
15°	4280.7	4211.3	4187.1	4202.2	4238.4	4256.6	4247.5	4259.6	4316.9	4498.1	4627.9
17.5°	4576.5	4407.5	4310.9	4283.7	4298.8	4313.9	4313.9	4344.1	4443.7	4709.4	4872.4
20°	4736.5	4516.2	4353.2	4286.7	4292.8	4307.9	4307.9	4350.1	4461.8	4745.6	4851.3
22.5°	4694.3	4492.0	4292.8	4220.3	4223.3	4235.4	4235.4	4271.6	4371.3	4621.8	4670.1
25°	4528.2	4350.1	4153.9	4090.5	4096.6	4117.7	4111.6	4132.8	4208.2	4413.5	4440.7
27.5°	4329.0	4172.0	3978.8	3930.5	3957.7	3999.9	3963.7	3966.7	4036.2	4208.2	4211.3
30°	4114.7	3984.9	3812.8	3776.6	3827.9	3849.0	3815.8	3815.8	3885.2	4003.0	3999.9
32.5°	3882.2	3800.7	3676.9	3637.7	3695.0	3728.3	3686.0	3692.0	3746.4	3824.9	3794.7
35°	3664.9	3622.6	3565.2	3538.1	3574.3	3604.5	3577.3	3589.4	3640.7	3661.8	3619.6
37.5°	3456.6	3450.5	3456.6	3456.6	3465.6	3474.7	3456.6	3486.7	3532.0	3504.9	3456.6
40°	3275.4	3299.6	3356.9	3341.8	3332.8	3341.8	3329.8	3381.1	3426.4	3378.1	3320.7
42.5°	3124.5	3169.8	3257.3	3257.3	3239.2	3245.2	3239.2	3302.6	3335.8	3269.4	3206.0
45°	2994.7	3061.1	3172.8	3187.9	3157.7	3157.7	3169.8	3248.3	3260.3	3169.8	3103.4
47.5°	2904.1	2985.6	3112.4	3139.6	3094.3	3091.3	3124.5	3209.0	3209.0	3103.4	3027.9
50°	2840.7	2931.3	3082.2	3118.5	3073.2	3061.1	3115.4	3196.9	3178.8	3052.0	2976.6
52.5°	2798.5	2892.0	3079.2	3130.5	3100.3	3088.3	3142.6	3200.0	3154.7	3018.8	2940.3
55°	2771.3	2873.9	3088.3	3130.5	3097.3	3076.2	3130.5	3181.8	3157.7	3000.7	2925.2
57.5°	2786.4	2889.0	3076.2	3097.3	3058.1	3021.8	3085.2	3157.7	3148.6	3006.8	2931.3
60°	2762.2	2855.8	3009.8	3015.8	2949.4	2892.0	2985.6	3094.3	3094.3	2985.6	2919.2
62.5°	2650.5	2744.1	2880.0	2886.0	2810.5	2747.1	2855.8	2985.6	2982.6	2895.1	2825.6
65°	2466.4	2553.9	2707.9	2723.0	2647.5	2581.1	2692.8	2813.5	2822.6	2744.1	2683.7
67.5°	2264.1	2342.6	2457.3	2517.7	2454.3	2384.9	2487.5	2602.2	2599.2	2505.6	2442.2
70°	2022.6	2095.1	2200.7	2252.0	2212.8	2146.4	2240.0	2300.3	2273.2	2227.9	2185.6
72.5°	1784.1	1853.6	1953.2	1953.2	1910.9	1847.5	1874.7	1983.4	2016.6	1983.4	1956.2
75°	1533.6	1593.9	1663.4	1678.5	1584.9	1470.2	1597.0	1690.5	1729.8	1714.7	1681.5
77.5°	1277.0	1322.2	1424.9	1397.7	1222.6	1162.2	1264.9	1403.8	1430.9	1421.9	1376.6
80°	984.1	1011.3	1120.0	1065.6	929.8	890.6	935.8	1044.5	1050.6	1020.4	963.0
82.5°	661.1	697.3	769.8	664.1	661.1	624.9	588.7	600.7	655.1	649.0	609.8
85°	338.1	356.2	425.7	398.5	341.1	295.8	280.8	298.9	268.7	244.5	211.3
87.5°	141.9	154.0	211.3	117.7	36.2	0.0	0.0	18.1	27.2	39.2	42.3
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	4920.7	4920.7	4920.7	4920.7	4920.7	4920.7	4920.7	4920.7	4920.7	4920.7	4920.7
2.5°	4501.1	4534.3	4615.8	4718.4	4818.1	4920.7	5032.4	5101.8	5186.3	5295.0	5298.0
5°	4187.1	4262.6	4380.3	4537.3	4700.3	4887.5	5104.8	5286.0	5503.3	5675.4	5744.8
7.5°	3993.9	4102.6	4250.5	4449.8	4664.1	4896.5	5180.3	5485.2	5841.4	6070.9	6206.7
10°	4012.0	4178.1	4326.0	4495.0	4688.2	4938.8	5304.1	5708.6	6146.3	6448.2	6617.3
12.5°	4335.0	4510.1	4483.0	4473.9	4603.7	4908.6	5403.7	5935.0	6469.4	6771.2	6973.5
15°	4742.6	4809.0	4552.4	4359.2	4437.7	4799.9	5458.0	6137.3	6738.0	7106.3	7305.6
17.5°	4950.9	4818.1	4507.1	4217.3	4196.2	4633.9	5485.2	6342.6	7039.9	7408.2	7619.5
20°	4854.3	4661.1	4398.4	4123.7	3972.8	4407.5	5470.1	6505.6	7314.6	7725.2	7897.3
22.5°	4646.0	4476.9	4271.6	4009.0	3791.7	4159.9	5430.9	6668.6	7559.2	7972.7	8123.7
25°	4419.6	4292.8	4123.7	3894.3	3689.0	3942.6	5403.7	6886.0	7839.9	8235.4	8332.0
27.5°	4193.2	4099.6	3960.7	3782.6	3664.9	3791.7	5412.8	7169.7	8202.2	8576.5	8537.3
30°	3969.8	3888.3	3791.7	3713.2	3661.8	3755.4	5388.6	7471.6	8600.6	8947.8	8715.4
32.5°	3758.4	3683.0	3622.6	3634.7	3664.9	3770.5	5264.8	7746.3	8965.9	9261.8	8908.6
35°	3577.3	3498.8	3498.8	3541.1	3652.8	3719.2	4944.8	7960.7	9370.4	9666.3	9183.3
37.5°	3408.3	3338.8	3384.1	3453.5	3559.2	3580.3	4534.3	8169.0	9959.1	10236.9	9608.9
40°	3260.3	3190.9	3272.4	3360.0	3414.3	3405.2	4117.7	8458.8	10653.5	10940.2	10173.5
42.5°	3142.6	3079.2	3151.7	3263.4	3272.4	3281.5	3812.8	8736.5	11459.5	11824.8	11145.5
45°	3046.0	3000.7	3036.9	3148.6	3148.6	3287.5	3622.6	8968.9	12673.0	13319.1	12929.6
47.5°	2970.5	2943.4	2961.5	2997.7	3058.1	3396.2	3501.8	9147.1	14882.8	16150.7	15758.3
50°	2928.3	2901.1	2925.2	2849.8	3030.9	3450.5	3462.6	9282.9	17796.0	19782.4	19296.4
52.5°	2892.0	2883.0	2898.1	2723.0	3091.3	3414.3	3432.4	9101.8	19749.2	23356.7	23836.7
55°	2880.0	2886.0	2813.5	2629.4	3163.7	3293.5	3341.8	7806.7	20280.5	26438.9	29418.5
57.5°	2886.0	2867.9	2683.7	2638.5	3166.8	3052.0	3471.7	5569.7	19507.7	27779.3	34879.6
60°	2864.9	2774.3	2526.8	2720.0	3027.9	2768.3	3378.1	3631.7	17470.0	26749.9	35196.5
62.5°	2771.3	2638.5	2390.9	2765.2	2780.3	2599.2	3067.1	2798.5	14753.0	24546.1	32141.5
65°	2635.4	2457.3	2276.2	2671.7	2529.8	2520.7	2306.4	2243.0	11864.0	21922.7	29243.4
67.5°	2412.0	2233.9	2191.7	2457.3	2276.2	2233.9	1853.6	1859.6	9467.1	19127.3	26330.2
70°	2158.5	1980.4	2013.6	2221.9	2025.6	1856.6	1500.4	1548.7	7181.8	15936.4	22402.7
72.5°	1992.4	1753.9	1757.0	1956.2	1781.1	1503.4	1234.7	1277.0	4558.4	12011.9	17811.1
75°	1681.5	1545.6	1479.2	1584.9	1512.4	1171.3	1038.5	1029.4	2701.9	8609.7	13337.2
77.5°	1403.8	1298.1	1264.9	1307.2	1129.0	866.4	836.2	821.1	1530.5	5515.4	8739.5
80°	1017.3	990.2	987.2	1008.3	869.4	637.0	637.0	640.0	824.1	2994.7	4926.7
82.5°	646.0	706.4	624.9	694.3	591.7	452.8	422.6	480.0	474.0	1277.0	2077.0
85°	268.7	368.3	344.1	365.3	280.8	247.5	265.7	286.8	274.7	492.1	809.0
87.5°	51.3	60.4	66.4	63.4	63.4	78.5	87.5	105.7	105.7	141.9	244.5
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°	358°	360°
0°	4920.7	4920.7	4920.7	4920.7	4920.7	4920.7	4920.7	4920.7	4920.7	4920.7
2.5°	5412.8	5500.3	5482.2	5521.4	5470.1	5488.2	5385.6	5358.4	5340.3	5346.3
5°	5968.2	6146.3	6179.5	6246.0	6200.7	6200.7	6019.5	5883.7	5835.4	5799.2
7.5°	6532.7	6789.3	6958.4	6976.5	6952.4	6904.1	6641.4	6396.9	6309.4	6233.9
10°	7033.9	7341.8	7532.0	7622.5	7577.3	7501.8	7175.8	6840.7	6735.0	6668.6
12.5°	7417.3	7689.0	7815.8	7876.1	7870.1	7842.9	7577.3	7215.0	7103.3	7000.7
15°	7664.8	7800.7	7752.4	7749.3	7791.6	7900.3	7818.8	7535.0	7405.2	7311.6
17.5°	7824.8	7695.0	7480.7	7381.0	7471.6	7728.2	7915.4	7755.4	7637.6	7535.0
20°	7882.2	7420.3	7109.3	6925.2	7030.9	7402.2	7864.1	7915.4	7815.8	7731.2
22.5°	7815.8	7085.2	6662.6	6445.2	6547.8	6991.6	7713.1	8045.2	7978.8	7897.3
25°	7652.7	6735.0	6227.8	6031.6	6143.3	6596.1	7444.4	8165.9	8169.0	8102.5
27.5°	7450.5	6412.0	5922.9	5738.8	5847.5	6270.1	7181.8	8271.6	8377.3	8353.1
30°	7245.2	6218.8	5778.0	5648.2	5729.7	6104.1	6913.1	8380.3	8591.6	8633.9
32.5°	7151.6	6312.4	6119.2	6176.5	6070.9	6200.7	6816.5	8534.2	8851.2	8920.6
35°	7275.4	7142.6	7631.6	7858.0	7483.7	6991.6	6940.3	8766.7	9216.5	9319.1
37.5°	7876.1	8920.6	9651.2	10448.2	9799.1	8715.4	7553.1	9162.1	9738.7	9901.8
40°	9183.3	10472.3	11791.5	12821.0	11839.9	10381.8	8718.4	9750.8	10457.2	10605.1
42.5°	10415.0	11927.4	13744.7	15076.0	13802.1	11743.2	9974.2	10741.0	11405.1	11486.6
45°	11622.5	13355.3	16108.5	17959.0	16229.2	13038.3	11257.2	12413.4	12914.6	12917.6
47.5°	13038.3	14964.3	19073.0	21708.4	19450.3	14472.3	12461.7	15060.9	15758.3	15417.2
50°	14731.9	16564.3	22125.0	26070.6	23377.8	16235.3	13992.3	18288.1	19239.0	18852.6
52.5°	16999.0	18327.3	25488.0	30324.1	27658.5	18242.8	16211.1	22550.7	22864.6	22143.1
55°	20189.9	20872.2	29804.9	35576.9	32437.3	20715.2	19456.4	27900.0	27021.5	24953.6
57.5°	27456.3	24899.3	35347.5	41569.3	37844.1	25207.2	26568.7	33798.8	30674.3	27187.6
60°	33536.2	29789.8	40476.5	47516.4	42478.0	30158.1	33246.4	34825.2	30538.5	26940.0
62.5°	31486.4	31036.6	42327.0	48171.5	44059.8	32594.3	32005.6	32238.1	28546.1	25294.8
65°	27625.3	28630.6	40675.7	45065.1	42305.9	30411.7	28950.6	29847.2	26266.8	22991.4
67.5°	25346.1	26085.7	37738.4	40093.1	39118.0	28051.0	26574.8	25925.7	22728.8	19945.4
70°	23015.6	23628.4	33614.7	33853.2	34146.0	24126.5	21729.5	19797.5	16941.7	14994.5
72.5°	19888.1	19921.3	28401.2	27018.5	27574.0	18879.8	17491.1	14801.3	12331.9	10565.9
75°	16685.1	15773.4	22481.2	18885.8	19999.7	14686.6	14523.6	11154.6	9301.0	7852.0
77.5°	12721.3	11655.7	16422.4	12419.5	14046.6	9781.0	10919.1	7565.2	6544.8	5225.6
80°	8540.3	7876.1	9074.6	7009.7	9189.3	6741.0	7121.4	4286.7	3716.2	2883.0
82.5°	4504.1	3846.0	5609.0	4156.9	5542.6	3704.1	2671.7	1325.3	1129.0	911.7
85°	1744.9	2019.6	2750.2	1479.2	2149.4	1322.2	772.8	329.1	274.7	208.3
87.5°	338.1	522.3	286.8	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

(END OF REPORT)