

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: P641287

Luminaire Tested: GWS-SA5F-750-U-SLL-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P641287
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-750-U-SLL-W
Description: GALLEON WALL SLIM LUMINAIRE. (5) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR LEFT OPTICS
Light Source: (80) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 40015.2 lumens
Efficiency: N/A
Efficacy: 129.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B4 - U0 - G5

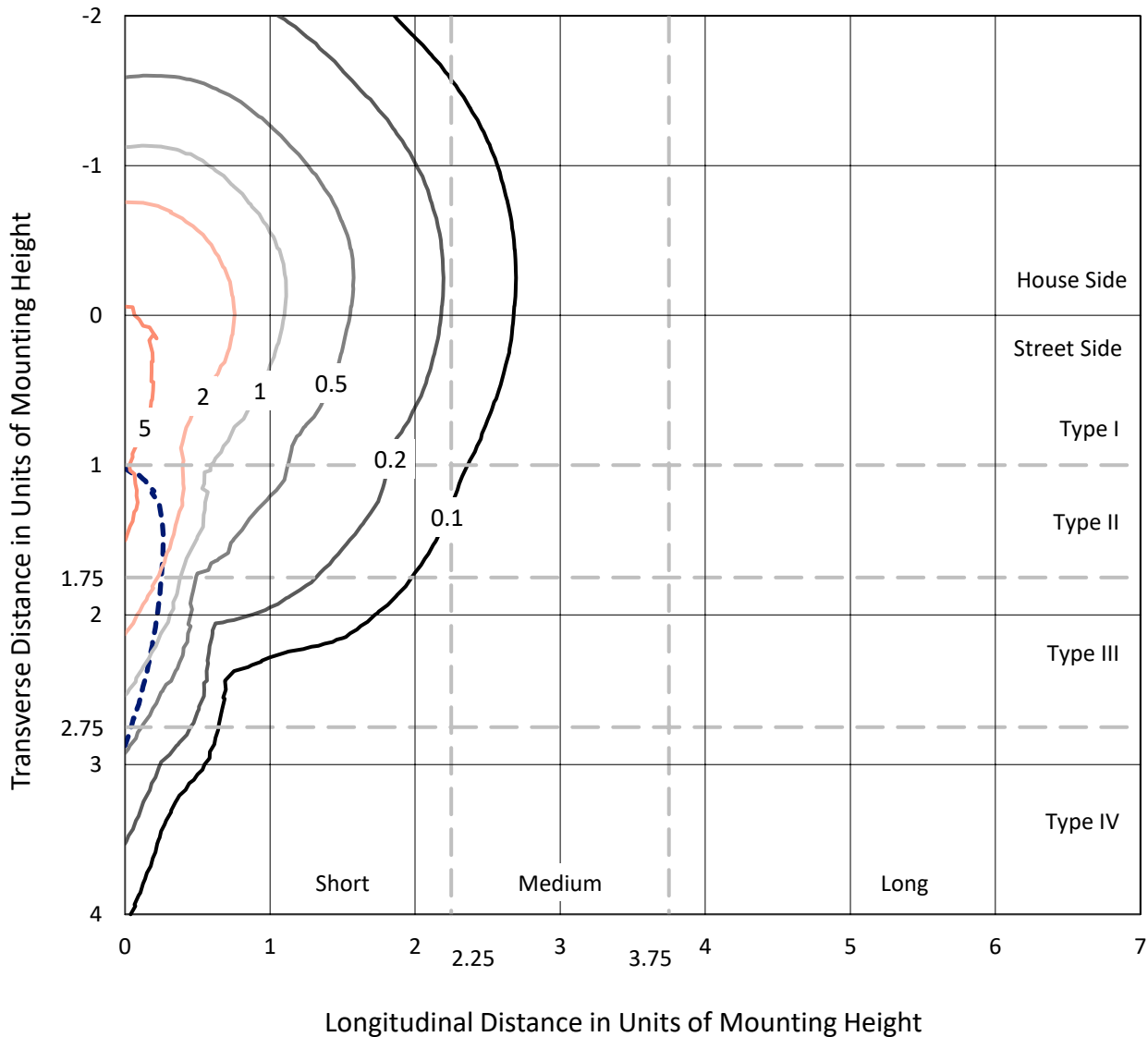
Input Watts (W): 310.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

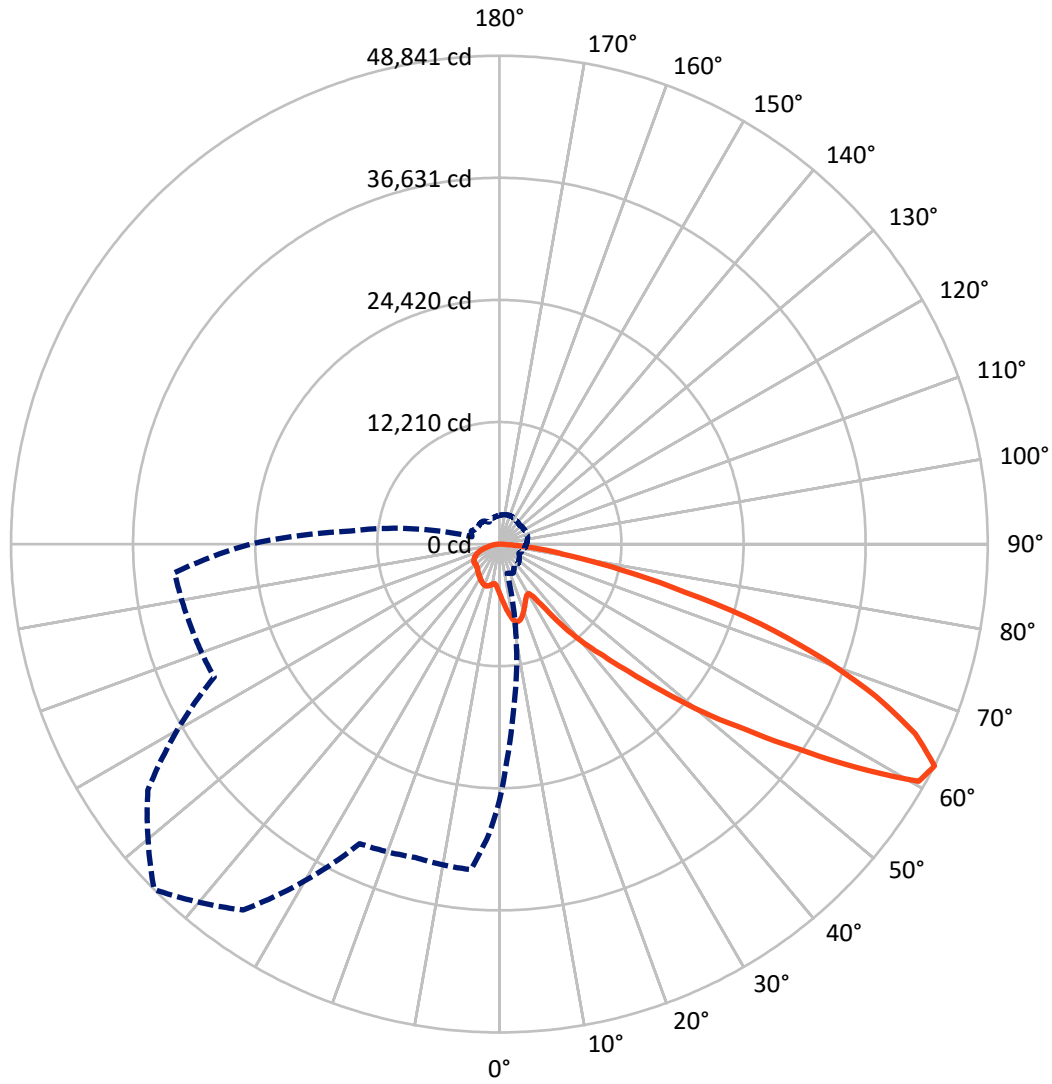
× Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 7.4 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	9567.7	0.0	9567.7
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	30447.5	0.0	30447.5
	% Fixture	76.1	0.0	76.1
Total	Lumens	40015.2	0.0	40015.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	491.5	1.2
10°-20°	1597.4	4.0
20°-30°	2514.6	6.3
30°-40°	3446.8	8.6
40°-50°	5378.0	13.4
50°-60°	9272.8	23.2
60°-70°	10746.0	26.9
70°-80°	5672.2	14.2
80°-90°	896.0	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°	40015.2	100.0
0°-180°	40015.2	100.0

Coefficient of Utilization



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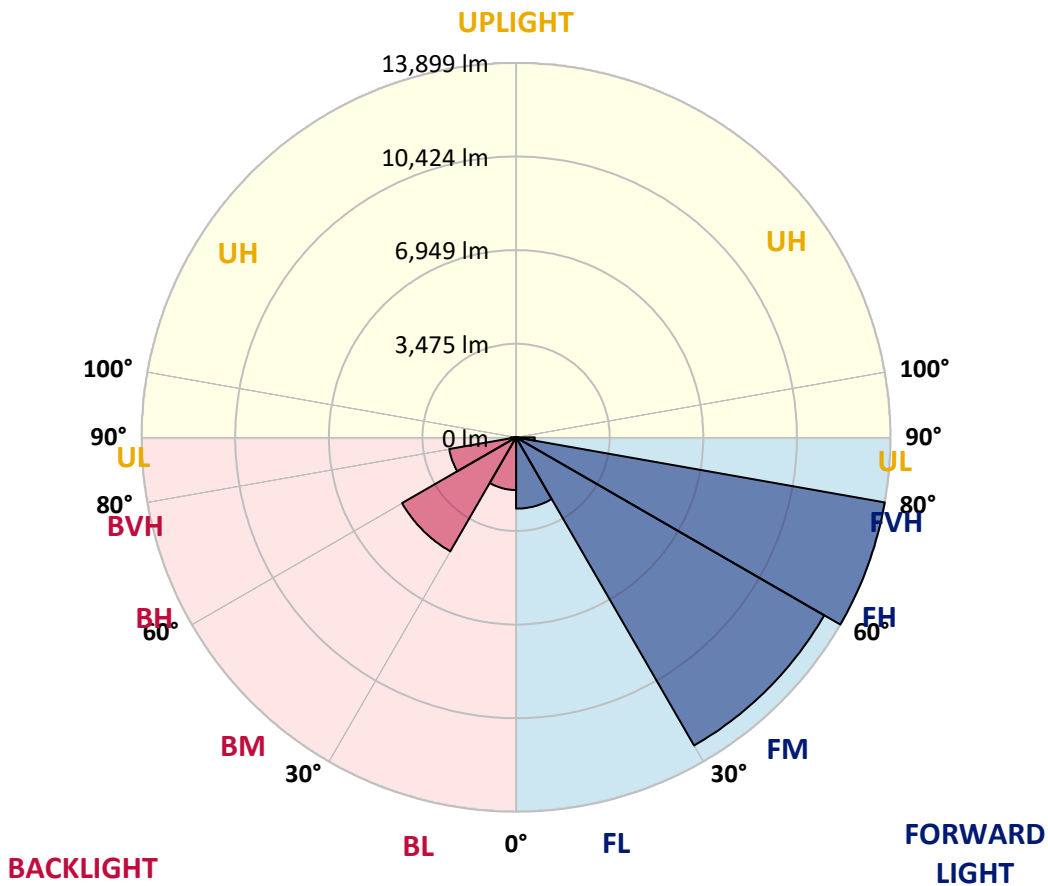
CATALOG NUMBER: GWS-SA5F-750-U-SLL-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2646.5	6.6			
FM (30°-60°)	13210.4	33.0			
FH (60°-80°)	13899.0	34.7			G5
FVH (80°-90°)	691.6	1.7			G4/750
BL (0°-30°)	1956.9	4.9	B3/2500		
BM (30°-60°)	4887.1	12.2	B3/5000		
BH (60°-80°)	2519.2	6.3	B4/5000		G4/5000
BVH (80°-90°)	204.4	0.5			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4989.1	4989.1	4989.1	4989.1	4989.1	4989.1	4989.1	4989.1	4989.1	4989.1	4989.1
2.5°	5420.6	5399.2	5368.6	5264.5	5200.3	5126.8	5050.3	4961.5	4860.5	4790.1	4719.7
5°	5879.8	5846.1	5772.6	5524.7	5353.3	5166.6	5010.5	4833.0	4658.5	4539.1	4419.8
7.5°	6320.5	6277.7	6164.4	5784.9	5506.3	5237.0	5001.3	4744.2	4484.0	4306.5	4165.7
10°	6761.3	6672.5	6528.6	6032.8	5665.5	5353.3	5084.0	4768.7	4422.8	4181.0	4031.0
12.5°	7097.9	7015.3	6859.2	6259.3	5824.7	5432.9	5129.9	4839.1	4545.3	4288.1	4135.1
15°	7413.2	7306.1	7128.6	6470.5	5956.3	5429.8	5038.0	4784.0	4741.1	4676.9	4477.9
17.5°	7639.7	7541.8	7358.1	6641.9	6029.7	5334.9	4784.0	4634.0	4826.8	5022.7	4833.0
20°	7838.7	7725.4	7538.7	6761.3	6045.0	5123.7	4474.9	4477.9	4780.9	5050.3	5004.4
22.5°	8007.0	7881.5	7716.2	6895.9	6038.9	4829.9	4205.5	4389.2	4692.2	4903.4	4909.5
25°	8215.1	8111.1	7973.3	7094.9	6038.9	4530.0	4009.6	4282.0	4542.2	4719.7	4713.6
27.5°	8469.2	8398.8	8285.5	7397.9	6094.0	4279.0	3899.4	4144.3	4349.4	4502.4	4499.3
30°	8753.8	8689.5	8603.8	7719.3	6188.9	4092.3	3838.2	3972.9	4122.9	4245.3	4245.3
32.5°	9044.6	9020.1	8928.3	7976.4	6115.4	4034.1	3786.2	3801.5	3881.1	3982.1	3972.9
35°	9448.6	9424.1	9307.8	8175.3	5797.1	3951.5	3703.5	3627.0	3636.2	3700.5	3721.9
37.5°	10039.3	10002.6	9831.2	8408.0	5316.6	3743.3	3568.9	3443.4	3415.8	3443.4	3483.2
40°	10752.5	10697.4	10464.8	8723.2	4762.6	3461.7	3357.7	3253.6	3207.7	3216.9	3262.8
42.5°	11646.3	11529.9	11196.3	9056.8	4214.7	3213.8	3122.0	3057.7	3005.7	2999.6	3088.3
45°	13097.1	12778.7	12249.2	9353.7	3752.5	3082.2	2910.8	2864.9	2822.0	2846.5	2950.6
47.5°	15631.4	15043.7	14012.2	9607.8	3470.9	3085.3	2742.5	2693.5	2690.4	2739.4	2855.7
50°	19114.6	18266.7	16675.1	9779.2	3324.0	3122.0	2641.5	2561.9	2620.0	2669.0	2779.2
52.5°	22450.8	21156.1	19261.5	9776.1	3259.7	3128.1	2669.0	2439.4	2620.0	2632.3	2736.3
55°	25300.4	22955.8	19959.3	8772.2	3167.9	3103.6	2776.1	2344.6	2586.4	2632.3	2714.9
57.5°	27565.4	24100.6	19907.3	7085.7	3446.4	2969.0	2840.4	2323.1	2488.4	2638.4	2733.3
60°	27314.4	23577.2	18624.8	4349.4	3418.9	2730.2	2831.2	2362.9	2323.1	2555.7	2711.8
62.5°	25646.3	21700.9	16418.0	3017.9	3210.8	2592.5	2681.2	2433.3	2170.1	2436.4	2607.8
65°	23310.9	19279.8	13681.7	2313.9	2659.8	2598.6	2427.2	2384.3	2035.4	2246.6	2430.3
67.5°	20222.6	16277.2	10801.5	1833.4	1854.8	2249.7	2203.8	2118.1	1909.9	2078.3	2243.5
70°	15202.9	11878.9	7431.6	1475.3	1404.9	1879.3	1980.3	1903.8	1787.5	1836.5	2010.9
72.5°	10712.7	7756.0	4070.8	1169.2	1083.5	1444.7	1720.2	1707.9	1579.4	1616.1	1787.5
75°	7961.1	5488.0	2543.5	924.4	881.5	1034.5	1441.6	1478.4	1371.2	1414.1	1545.7
77.5°	5298.2	3553.6	1414.1	685.6	685.6	756.0	1074.3	1245.7	1166.2	1199.8	1291.6
80°	2923.0	1808.9	707.0	449.9	462.2	520.3	783.6	896.8	899.9	982.5	1007.0
82.5°	924.4	575.4	315.3	263.2	247.9	296.9	505.0	642.8	599.9	765.2	704.0
85°	211.2	134.7	58.2	58.2	64.3	97.9	192.8	342.8	437.7	526.5	382.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	134.7	199.0	177.5
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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 CATALOG NUMBER: GWS-SA5F-750-U-SLL-W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4989.1	4989.1	4989.1	4989.1	4989.1	4989.1	4989.1	4989.1	4989.1	4989.1	4989.1
2.5°	4676.9	4615.7	4597.3	4545.3	4539.1	4490.2	4471.8	4471.8	4493.2	4493.2	4514.6
5°	4370.8	4294.3	4251.4	4190.2	4174.9	4138.2	4113.7	4116.7	4144.3	4162.7	4199.4
7.5°	4101.4	4049.4	4018.8	3991.3	3985.1	3979.0	3951.5	3948.4	3957.6	3985.1	4012.7
10°	3988.2	3951.5	3960.6	3982.1	4015.7	4034.1	4009.6	3997.4	3988.2	4006.6	4031.0
12.5°	4098.4	4061.7	4080.0	4116.7	4162.7	4181.0	4171.8	4168.8	4178.0	4248.4	4300.4
15°	4340.2	4269.8	4245.3	4260.6	4297.3	4315.7	4306.5	4318.8	4376.9	4560.6	4692.2
17.5°	4640.1	4468.7	4370.8	4343.2	4358.5	4373.9	4373.9	4404.5	4505.5	4774.8	4940.1
20°	4802.4	4578.9	4413.6	4346.3	4352.4	4367.7	4367.7	4410.6	4523.8	4811.5	4918.7
22.5°	4759.5	4554.4	4352.4	4279.0	4282.0	4294.3	4294.3	4331.0	4432.0	4686.0	4735.0
25°	4591.2	4410.6	4211.6	4147.4	4153.5	4174.9	4168.8	4190.2	4266.7	4474.9	4502.4
27.5°	4389.2	4230.0	4034.1	3985.1	4012.7	4055.5	4018.8	4021.9	4092.3	4266.7	4269.8
30°	4171.8	4040.2	3865.8	3829.0	3881.1	3902.5	3868.8	3868.8	3939.2	4058.6	4055.5
32.5°	3936.2	3853.5	3728.0	3688.2	3746.4	3780.1	3737.2	3743.3	3798.4	3878.0	3847.4
35°	3715.8	3672.9	3614.8	3587.2	3624.0	3654.6	3627.0	3639.3	3691.3	3712.7	3669.9
37.5°	3504.6	3498.5	3504.6	3504.6	3513.8	3523.0	3504.6	3535.2	3581.1	3553.6	3504.6
40°	3320.9	3345.4	3403.6	3388.3	3379.1	3388.3	3376.0	3428.1	3474.0	3425.0	3366.9
42.5°	3167.9	3213.8	3302.6	3302.6	3284.2	3290.3	3284.2	3348.5	3382.2	3314.8	3250.5
45°	3036.3	3103.6	3216.9	3232.2	3201.6	3201.6	3213.8	3293.4	3305.6	3213.8	3146.5
47.5°	2944.5	3027.1	3155.7	3183.2	3137.3	3134.2	3167.9	3253.6	3253.6	3146.5	3070.0
50°	2880.2	2972.0	3125.1	3161.8	3115.9	3103.6	3158.7	3241.4	3223.0	3094.4	3017.9
52.5°	2837.3	2932.2	3122.0	3174.0	3143.4	3131.2	3186.3	3244.4	3198.5	3060.8	2981.2
55°	2809.8	2913.9	3131.2	3174.0	3140.4	3118.9	3174.0	3226.1	3201.6	3042.4	2965.9
57.5°	2825.1	2929.2	3118.9	3140.4	3100.6	3063.8	3128.1	3201.6	3192.4	3048.5	2972.0
60°	2800.6	2895.5	3051.6	3057.7	2990.4	2932.2	3027.1	3137.3	3137.3	3027.1	2959.8
62.5°	2687.4	2782.2	2920.0	2926.1	2849.6	2785.3	2895.5	3027.1	3024.0	2935.3	2864.9
65°	2500.7	2589.4	2745.5	2760.8	2684.3	2617.0	2730.2	2852.6	2861.8	2782.2	2721.0
67.5°	2295.6	2375.2	2491.5	2552.7	2488.4	2418.0	2522.1	2638.4	2635.3	2540.4	2476.2
70°	2050.7	2124.2	2231.3	2283.3	2243.5	2176.2	2271.1	2332.3	2304.8	2258.9	2216.0
72.5°	1808.9	1879.3	1980.3	1980.3	1937.5	1873.2	1900.7	2010.9	2044.6	2010.9	1983.4
75°	1554.9	1616.1	1686.5	1701.8	1606.9	1490.6	1619.2	1714.0	1753.8	1738.5	1704.9
77.5°	1294.7	1340.6	1444.7	1417.1	1239.6	1178.4	1282.5	1423.3	1450.8	1441.6	1395.7
80°	997.8	1025.4	1135.5	1080.5	942.7	902.9	948.8	1059.0	1065.2	1034.5	976.4
82.5°	670.3	707.0	780.5	673.4	670.3	633.6	596.9	609.1	664.2	658.1	618.3
85°	342.8	361.2	431.6	404.0	345.9	300.0	284.7	303.0	272.4	247.9	214.3
87.5°	143.9	156.1	214.3	119.4	36.7	0.0	0.0	18.4	27.5	39.8	42.9
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	4989.1	4989.1	4989.1	4989.1	4989.1	4989.1	4989.1	4989.1	4989.1	4989.1	4989.1
2.5°	4563.6	4597.3	4679.9	4784.0	4885.0	4989.1	5102.3	5172.7	5258.4	5368.6	5371.7
5°	4245.3	4321.8	4441.2	4600.3	4765.6	4955.4	5175.8	5359.4	5579.8	5754.3	5824.7
7.5°	4049.4	4159.6	4309.6	4511.6	4728.9	4964.6	5252.3	5561.4	5922.6	6155.2	6293.0
10°	4067.8	4236.1	4386.1	4557.5	4753.4	5007.4	5377.8	5787.9	6231.7	6537.8	6709.2
12.5°	4395.3	4572.8	4545.3	4536.1	4667.7	4976.8	5478.8	6017.5	6559.2	6865.3	7070.4
15°	4808.5	4875.8	4615.7	4419.8	4499.3	4866.6	5533.9	6222.6	6831.7	7205.1	7407.1
17.5°	5019.7	4885.0	4569.7	4275.9	4254.5	4698.3	5561.4	6430.7	7137.7	7511.1	7725.4
20°	4921.7	4725.8	4459.6	4181.0	4028.0	4468.7	5546.1	6596.0	7416.3	7832.5	8007.0
22.5°	4710.5	4539.1	4331.0	4064.7	3844.3	4217.8	5506.3	6761.3	7664.2	8083.5	8236.6
25°	4481.0	4352.4	4181.0	3948.4	3740.3	3997.4	5478.8	6981.6	7948.8	8349.8	8447.7
27.5°	4251.4	4156.5	4015.7	3835.2	3715.8	3844.3	5488.0	7269.3	8316.1	8695.7	8655.9
30°	4024.9	3942.3	3844.3	3764.8	3712.7	3807.6	5463.5	7575.4	8720.2	9072.1	8836.5
32.5°	3810.7	3734.1	3672.9	3685.2	3715.8	3822.9	5338.0	7854.0	9090.5	9390.5	9032.4
35°	3627.0	3547.4	3547.4	3590.3	3703.5	3770.9	5013.6	8071.3	9500.7	9800.6	9310.9
37.5°	3455.6	3385.2	3431.1	3501.5	3608.7	3630.1	4597.3	8282.5	10097.5	10379.1	9742.5
40°	3305.6	3235.2	3317.9	3406.6	3461.7	3452.6	4174.9	8576.3	10801.5	11092.3	10314.8
42.5°	3186.3	3122.0	3195.5	3308.7	3317.9	3327.1	3865.8	8857.9	11618.7	11989.1	11300.4
45°	3088.3	3042.4	3079.1	3192.4	3192.4	3333.2	3672.9	9093.6	12849.1	13504.1	13109.3
47.5°	3011.8	2984.3	3002.6	3039.4	3100.6	3443.4	3550.5	9274.2	15089.6	16375.2	15977.3
50°	2969.0	2941.4	2965.9	2889.4	3073.0	3498.5	3510.7	9411.9	18043.3	20057.3	19564.5
52.5°	2932.2	2923.0	2938.3	2760.8	3134.2	3461.7	3480.1	9228.2	20023.6	23681.2	24167.9
55°	2920.0	2926.1	2852.6	2665.9	3207.7	3339.3	3388.3	7915.2	20562.3	26806.3	29827.3
57.5°	2926.1	2907.7	2721.0	2675.1	3210.8	3094.4	3519.9	5647.1	19778.7	28165.3	35364.2
60°	2904.7	2812.9	2561.9	2757.8	3070.0	2806.7	3425.0	3682.1	17712.7	27121.5	35685.6
62.5°	2809.8	2675.1	2424.1	2803.7	2819.0	2635.3	3109.7	2837.3	14958.0	24887.2	32588.1
65°	2672.1	2491.5	2307.8	2708.8	2564.9	2555.7	2338.4	2274.2	12028.9	22227.4	29649.7
67.5°	2445.6	2265.0	2222.1	2491.5	2307.8	2265.0	1879.3	1885.4	9598.6	19393.1	26696.1
70°	2188.5	2007.9	2041.5	2252.7	2053.8	1882.4	1521.2	1570.2	7281.6	16157.8	22714.0
72.5°	2020.1	1778.3	1781.4	1983.4	1805.9	1524.3	1251.9	1294.7	4621.8	12178.8	18058.6
75°	1704.9	1567.1	1499.8	1606.9	1533.4	1187.6	1052.9	1043.7	2739.4	8729.3	13522.5
77.5°	1423.3	1316.1	1282.5	1325.3	1144.7	878.4	847.8	832.5	1551.8	5592.0	8861.0
80°	1031.5	1003.9	1000.9	1022.3	881.5	645.8	645.8	648.9	835.6	3036.3	4995.2
82.5°	655.0	716.2	633.6	704.0	599.9	459.1	428.5	486.7	480.5	1294.7	2105.8
85°	272.4	373.4	348.9	370.4	284.7	251.0	269.3	290.8	278.5	498.9	820.3
87.5°	52.0	61.2	67.3	64.3	64.3	79.6	88.8	107.1	107.1	143.9	247.9
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°	358°	360°
0°	4989.1	4989.1	4989.1	4989.1	4989.1	4989.1	4989.1	4989.1	4989.1	4989.1
2.5°	5488.0	5576.7	5558.4	5598.2	5546.1	5564.5	5460.4	5432.9	5414.5	5420.6
5°	6051.2	6231.7	6265.4	6332.7	6286.8	6286.8	6103.2	5965.5	5916.5	5879.8
7.5°	6623.5	6883.7	7055.1	7073.5	7049.0	7000.0	6733.7	6485.8	6397.0	6320.5
10°	7131.6	7443.8	7636.6	7728.5	7682.6	7606.0	7275.5	6935.7	6828.6	6761.3
12.5°	7520.3	7795.8	7924.4	7985.6	7979.4	7951.9	7682.6	7315.3	7202.0	7097.9
15°	7771.3	7909.0	7860.1	7857.0	7899.9	8010.1	7927.4	7639.7	7508.1	7413.2
17.5°	7933.5	7801.9	7584.6	7483.6	7575.4	7835.6	8025.4	7863.1	7743.8	7639.7
20°	7991.7	7523.4	7208.1	7021.4	7128.6	7505.0	7973.3	8025.4	7924.4	7838.7
22.5°	7924.4	7183.6	6755.1	6534.8	6638.8	7088.8	7820.3	8157.0	8089.6	8007.0
25°	7759.1	6828.6	6314.4	6115.4	6228.7	6687.8	7547.9	8279.4	8282.5	8215.1
27.5°	7554.0	6501.1	6005.2	5818.5	5928.7	6357.2	7281.6	8386.5	8493.7	8469.2
30°	7345.9	6305.2	5858.3	5726.7	5809.4	6188.9	7009.2	8496.7	8711.0	8753.8
32.5°	7251.0	6400.1	6204.2	6262.4	6155.2	6286.8	6911.2	8652.8	8974.2	9044.6
35°	7376.5	7241.8	7737.6	7967.2	7587.7	7088.8	7036.7	8888.5	9344.6	9448.6
37.5°	7985.6	9044.6	9785.3	10593.3	9935.3	8836.5	7658.1	9289.5	9874.1	10039.3
40°	9310.9	10617.8	11955.4	12999.1	12004.4	10526.0	8839.5	9886.3	10602.5	10752.5
42.5°	10559.7	12093.1	13935.7	15285.5	13993.9	11906.4	10112.8	10890.2	11563.6	11646.3
45°	11784.0	13540.9	16332.3	18208.6	16454.7	13219.5	11413.6	12585.9	13094.0	13097.1
47.5°	13219.5	15172.3	19338.0	22010.0	19720.6	14673.4	12634.9	15270.2	15977.3	15631.4
50°	14936.6	16794.5	22432.4	26432.9	23702.7	16460.9	14186.7	18542.2	19506.3	19114.6
52.5°	17235.2	18582.0	25842.1	30745.5	28042.8	18496.3	16436.4	22864.0	23182.3	22450.8
55°	20470.5	21162.2	30219.1	36071.3	32888.1	21003.1	19726.7	28287.7	27397.0	25300.4
57.5°	27837.8	25245.3	35838.6	42146.9	38369.9	25557.5	26937.9	34268.5	31100.6	27565.4
60°	34002.2	30203.7	41038.9	48176.6	43068.2	30577.2	33708.3	35309.1	30962.8	27314.4
62.5°	31923.9	31467.9	42915.2	48840.8	44672.0	33047.2	32450.4	32686.0	28942.7	25646.3
65°	28009.2	29028.4	41240.9	45691.3	42893.7	30834.3	29352.9	30261.9	26631.8	23310.9
67.5°	25698.3	26448.2	38262.8	40650.2	39661.6	28440.7	26944.0	26286.0	23044.6	20222.6
70°	23335.4	23956.7	34081.8	34323.6	34620.5	24461.7	22031.5	20072.6	17177.1	15202.9
72.5°	20164.4	20198.1	28795.8	27394.0	27957.1	19142.1	17734.1	15007.0	12503.3	10712.7
75°	16916.9	15992.6	22793.6	19148.2	20277.6	14890.7	14725.4	11309.6	9430.3	7961.1
77.5°	12898.1	11817.7	16650.6	12592.0	14241.8	9916.9	11070.8	7670.3	6635.8	5298.2
80°	8658.9	7985.6	9200.7	7107.1	9317.0	6834.7	7220.4	4346.3	3767.8	2923.0
82.5°	4566.7	3899.4	5686.9	4214.7	5619.6	3755.6	2708.8	1343.7	1144.7	924.4
85°	1769.1	2047.7	2788.4	1499.8	2179.3	1340.6	783.6	333.6	278.5	211.2
87.5°	342.8	529.5	290.8	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)