

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: P640686

Luminaire Tested: GWS-SA5E-735-U-SLR-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P640686
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-41)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA5E-735-U-SLR-W
Description: GALLEON WALL SLIM LUMINAIRE. (5) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT OPTICS
Light Source: (80) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 35058 lumens
Efficiency: N/A
Efficacy: 130.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G4

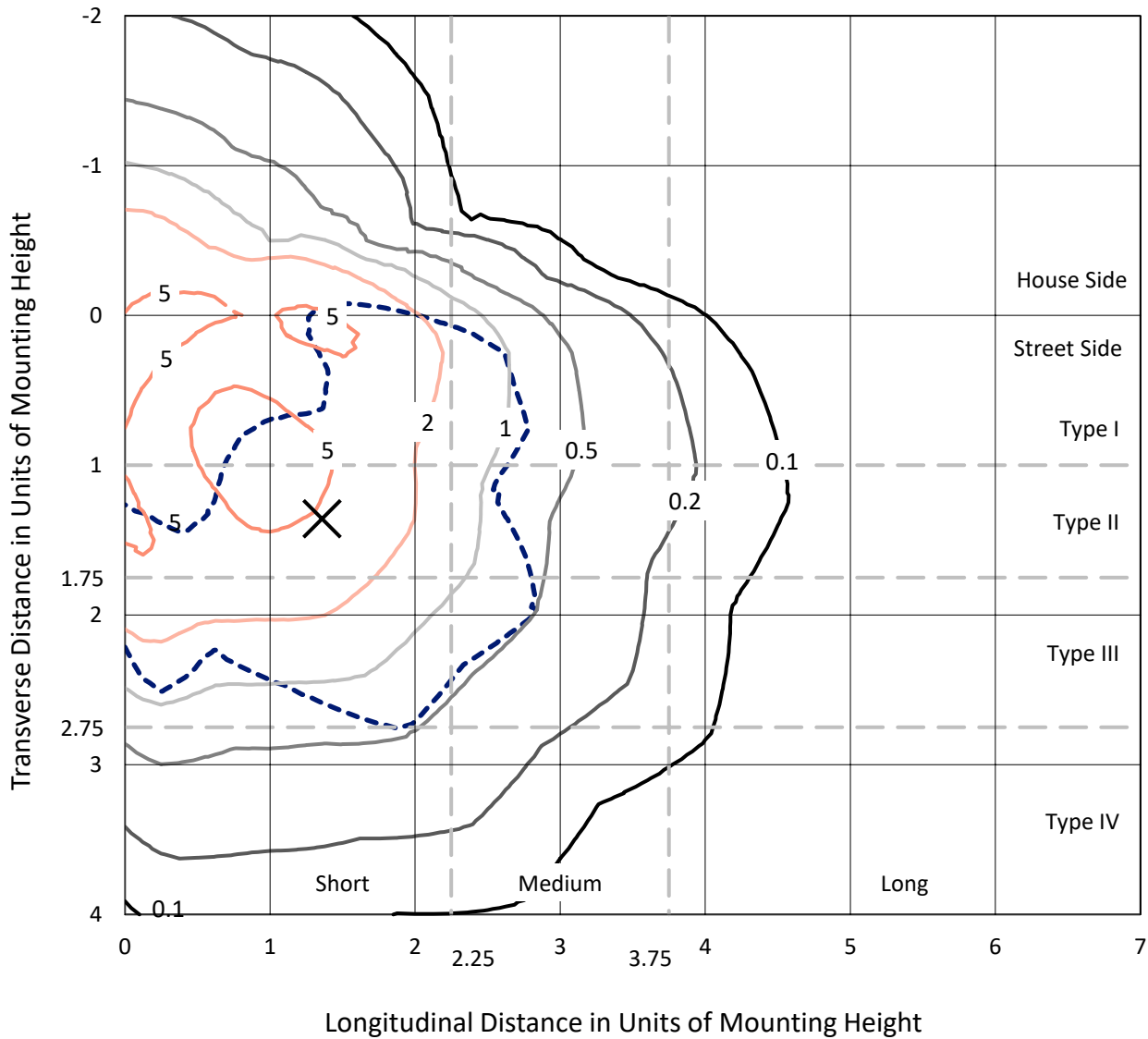
Input Watts (W): 269.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

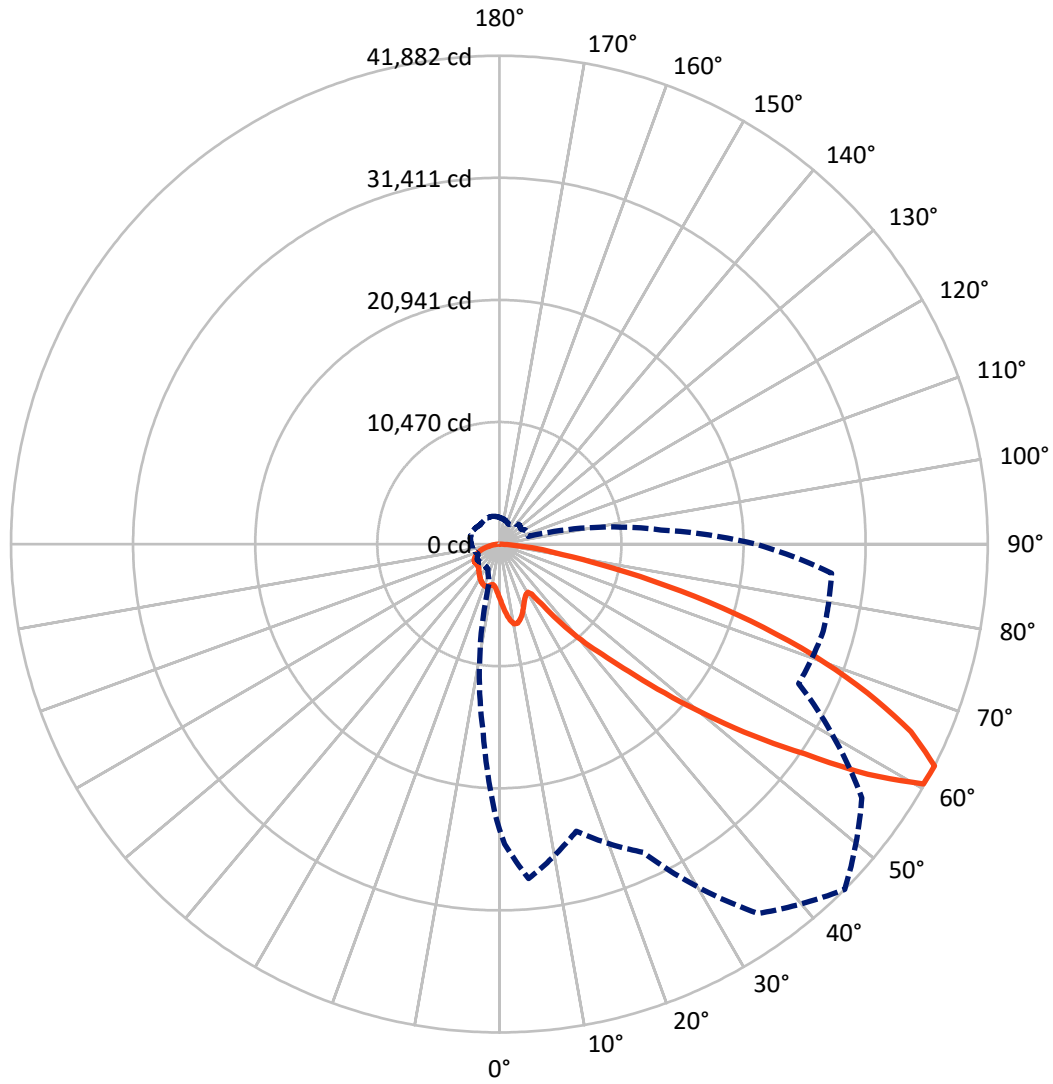
✕ Max cd
 - - - 1/2 Max cd



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 45-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

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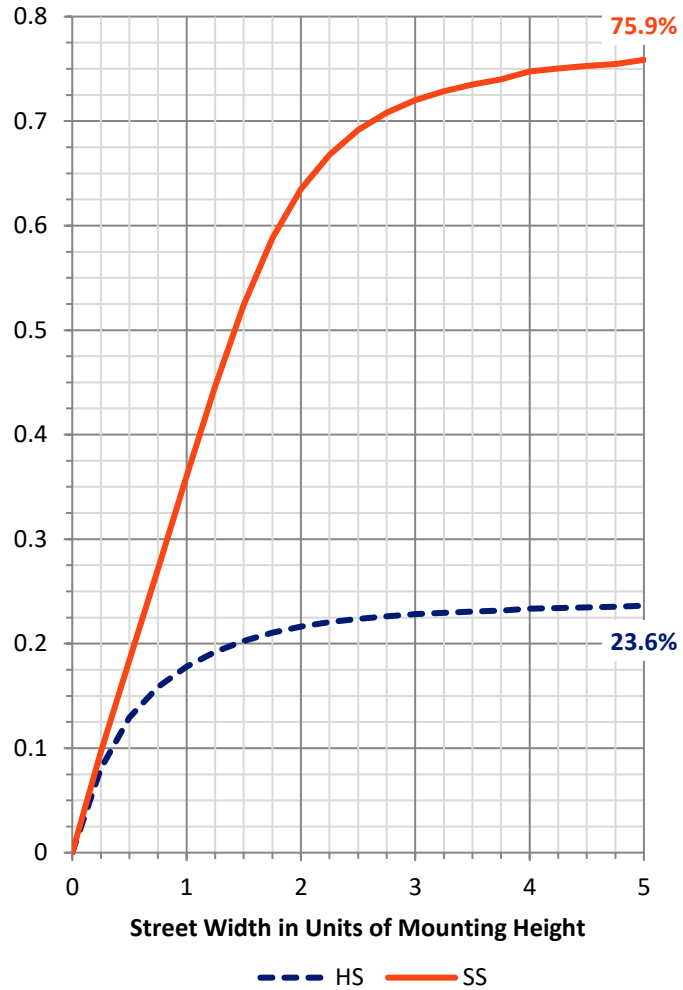
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8365.5	0.0	8365.5
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	26692.5	0.0	26692.5
	% Fixture	76.1	0.0	76.1
Total	Lumens	35058.0	0.0	35058.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	454.4	1.3
10°-20°	1424.5	4.1
20°-30°	2212.6	6.3
30°-40°	3004.1	8.6
40°-50°	4761.3	13.6
50°-60°	8398.9	24.0
60°-70°	9345.1	26.7
70°-80°	4739.5	13.5
80°-90°	717.7	2.0
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°	35058.0	100.0
0°-180°	35058.0	100.0

Coefficient of Utilization



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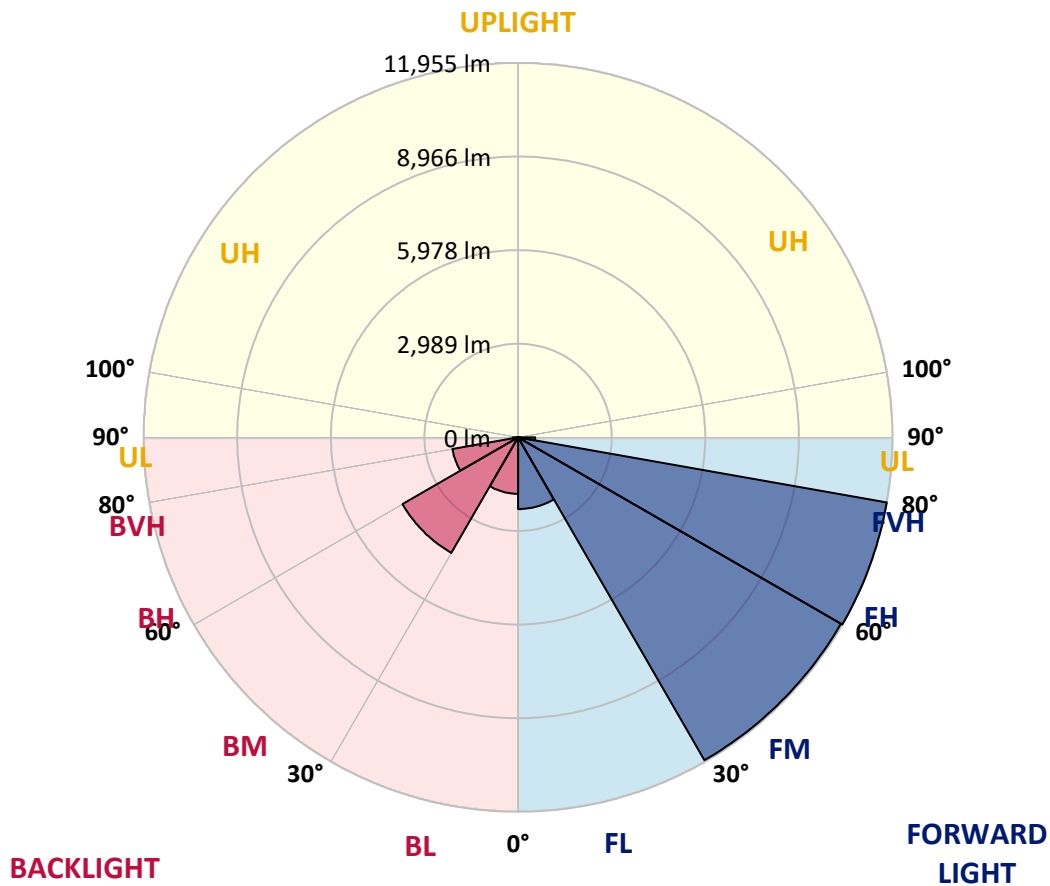
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2289.0	6.5			
FM (30°-60°)	11903.7	34.0			
FH (60°-80°)	11955.1	34.1			G4/12000
FVH (80°-90°)	544.7	1.6			G4/750
BL (0°-30°)	1802.6	5.1	B3/2500		
BM (30°-60°)	4260.6	12.2	B3/5000		
BH (60°-80°)	2129.4	6.1	B3/2500		G3/2500
BVH (80°-90°)	172.9	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 III Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4652.9	4652.9	4652.9	4652.9	4652.9	4652.9	4652.9	4652.9	4652.9	4652.9	4652.9
2.5°	5000.6	4998.0	5048.4	5125.4	5197.0	5228.9	5282.0	5276.7	5234.2	5178.5	5159.9
5°	5393.5	5404.1	5491.7	5661.5	5850.0	5929.6	5964.1	5950.8	5873.9	5775.7	5603.1
7.5°	5749.1	5767.7	5903.1	6157.9	6391.5	6497.6	6582.6	6566.6	6455.2	6272.0	6017.2
10°	6009.2	6030.5	6192.4	6492.3	6752.4	6845.3	6954.2	6959.5	6861.3	6614.4	6354.3
12.5°	6269.4	6290.6	6441.9	6715.3	6885.1	6887.8	6951.5	6986.0	6991.3	6877.2	6617.1
15°	6540.1	6558.7	6696.7	6850.6	6842.7	6694.0	6694.0	6760.4	6906.4	6988.7	6808.2
17.5°	6771.0	6794.9	6901.1	6850.6	6614.4	6346.3	6314.5	6399.4	6654.2	6970.1	6951.5
20°	6962.1	6980.7	7039.1	6704.7	6274.7	5924.3	5863.3	5961.5	6306.5	6855.9	7060.3
22.5°	7145.3	7155.9	7124.0	6513.5	5908.4	5507.6	5433.3	5536.8	5908.4	6654.2	7153.2
25°	7362.9	7352.3	7201.0	6314.5	5573.9	5178.5	5101.5	5218.3	5605.8	6386.1	7254.1
27.5°	7615.1	7575.2	7267.4	6099.5	5316.5	4934.3	4881.2	5005.9	5366.9	6139.3	7333.7
30°	7830.1	7753.1	7278.0	5908.4	5183.8	4830.7	4798.9	4915.7	5250.1	5972.1	7434.6
32.5°	8068.9	7962.8	7339.0	5857.9	5258.1	5080.2	5122.7	5130.7	5282.0	5924.3	7585.9
35°	8411.3	8273.3	7506.2	6003.9	6022.5	6322.4	6476.4	6269.4	5762.4	6030.5	7872.5
37.5°	8928.9	8753.7	7846.0	6635.6	7601.8	8273.3	8644.9	8172.5	7222.2	6431.3	8305.2
40°	9558.0	9335.0	8281.3	7803.5	9077.6	10152.5	10813.4	10120.7	8724.5	7431.9	8913.0
42.5°	10436.5	10203.0	9125.3	8950.2	10444.5	12045.0	12907.7	11875.1	10049.0	8724.5	9887.1
45°	11968.0	11742.4	10672.8	10099.4	12045.0	14375.5	15585.8	14149.8	11394.7	10022.5	11707.9
47.5°	14797.5	14532.1	12971.4	11373.5	13871.1	17401.3	19094.7	17003.2	12793.5	11508.9	14765.6
50°	18194.9	17940.1	15856.5	12881.1	15888.4	20636.8	22991.2	20355.5	14404.7	13316.4	18420.5
52.5°	22282.5	22234.7	19973.3	14786.9	17987.9	24087.4	27315.0	24068.8	16169.7	15750.4	22561.2
55°	25966.6	26433.7	25202.2	17693.3	20700.6	28421.8	31760.8	28119.2	18563.9	19774.2	27410.5
57.5°	27952.0	29207.4	31099.9	23622.9	24644.8	33602.9	37247.2	33064.1	22678.0	26473.6	31906.8
60°	26640.8	28063.5	31492.8	28087.3	28557.2	37754.2	41775.4	37220.6	26717.8	31123.8	31652.0
62.5°	24459.0	25735.7	28785.4	25480.9	29162.3	38667.2	41881.5	37945.3	28323.6	28764.2	28591.7
65°	21871.1	23158.4	26388.6	22242.7	27238.0	36498.7	38792.0	35813.9	25438.4	25987.8	26051.5
67.5°	18433.8	19622.9	22911.5	19776.9	24827.9	33316.2	34048.8	32777.4	23426.5	24302.4	23386.7
70°	13772.9	14845.3	17749.0	16071.5	20928.8	29170.3	28578.4	28766.8	21167.7	22038.3	19535.3
72.5°	9412.0	10218.9	12708.6	12629.0	16026.4	23352.2	22526.7	24313.0	17680.0	18834.6	14893.0
75°	6582.6	7211.6	9186.4	9977.4	12114.0	17308.4	16042.3	18197.6	13807.4	15455.7	10866.5
77.5°	4039.8	4456.5	5802.2	7392.1	7792.9	11845.9	9964.1	13693.3	9696.0	11272.6	7248.8
80°	2019.9	2221.6	2818.8	4647.6	5167.8	6980.7	5502.3	7949.5	6561.3	6980.7	4010.6
82.5°	610.5	674.2	825.5	1765.1	2678.1	4018.5	3251.5	4618.4	3583.2	3272.7	1579.3
85°	161.9	183.1	228.3	522.9	939.6	1441.3	1098.9	2237.5	1717.3	1207.7	594.6
87.5°	13.3	13.3	10.6	10.6	5.3	0.0	0.0	159.3	321.2	183.1	103.5
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4652.9	4652.9	4652.9	4652.9	4652.9	4652.9	4652.9	4652.9	4652.9	4652.9	4652.9
2.5°	5067.0	5056.4	4947.5	4867.9	4775.0	4684.8	4591.9	4509.6	4416.7	4323.8	4297.2
5°	5475.7	5401.4	5170.5	4976.7	4785.6	4618.4	4472.4	4321.1	4199.0	4079.6	4034.5
7.5°	5836.7	5706.7	5372.2	5077.6	4812.2	4605.1	4390.1	4169.8	3997.3	3827.4	3785.0
10°	6163.2	5990.7	5568.6	5197.0	4902.4	4666.2	4414.0	4119.4	3869.9	3662.9	3607.1
12.5°	6404.7	6216.3	5738.5	5311.2	4976.7	4711.3	4461.8	4201.7	3938.9	3670.8	3609.8
15°	6595.8	6399.4	5879.2	5398.8	4979.4	4637.0	4395.4	4305.2	4222.9	3960.2	3848.7
17.5°	6749.8	6542.7	6001.3	5451.8	4907.7	4411.4	4201.7	4334.4	4544.1	4379.5	4169.8
20°	6890.5	6680.8	6094.2	5489.0	4748.5	4100.8	3984.0	4265.4	4581.2	4575.9	4387.5
22.5°	7044.4	6840.0	6229.5	5510.2	4525.5	3785.0	3854.0	4164.5	4422.0	4499.0	4382.2
25°	7240.8	7060.3	6418.0	5558.0	4273.4	3567.3	3758.4	4034.5	4249.5	4268.0	4199.0
27.5°	7469.1	7333.7	6699.3	5669.5	4029.2	3455.8	3646.9	3851.3	4047.7	4055.7	3973.4
30°	7718.6	7628.3	6959.5	5762.4	3846.0	3421.3	3503.6	3668.2	3792.9	3814.2	3742.5
32.5°	8037.1	7957.5	7190.4	5701.3	3737.2	3413.4	3370.9	3455.8	3559.4	3559.4	3503.6
35°	8475.0	8363.6	7434.6	5467.8	3604.5	3381.5	3230.2	3254.1	3299.2	3307.2	3275.4
37.5°	9096.1	8913.0	7681.4	5005.9	3386.8	3267.4	3068.3	3039.1	3055.0	3076.3	3068.3
40°	9865.9	9565.9	8042.4	4451.2	3126.7	3047.1	2901.1	2845.4	2832.1	2874.6	2890.5
42.5°	10834.7	10375.5	8429.9	3933.6	2890.5	2794.9	2704.7	2656.9	2635.7	2707.3	2749.8
45°	12382.1	11625.6	8801.5	3421.3	2757.8	2579.9	2518.9	2484.4	2495.0	2579.9	2633.0
47.5°	15054.9	13534.1	9154.5	3097.5	2747.2	2426.0	2351.7	2359.6	2388.8	2479.1	2542.8
50°	18436.5	16090.1	9390.8	2962.2	2779.0	2333.1	2234.9	2277.4	2322.5	2410.1	2484.4
52.5°	21879.0	18471.0	9109.4	2887.8	2776.4	2335.7	2126.1	2253.5	2274.7	2362.3	2441.9
55°	24246.6	18736.4	7869.9	2773.7	2733.9	2441.9	2041.1	2242.8	2256.1	2335.7	2407.4
57.5°	25149.1	17828.6	6001.3	2805.5	2606.5	2524.2	2004.0	2168.5	2264.1	2333.1	2407.4
60°	24058.2	16116.6	3646.9	2887.8	2402.1	2518.9	2027.9	2033.2	2197.7	2314.5	2388.8
62.5°	22001.1	13918.9	2561.4	2654.3	2253.5	2378.2	2083.6	1873.9	2080.9	2221.6	2288.0
65°	19644.2	11333.7	1953.5	2285.3	2181.8	2160.6	2102.2	1733.2	1921.7	2059.7	2118.1
67.5°	17189.0	8809.5	1587.2	1704.0	1972.1	1953.5	1921.7	1608.5	1733.2	1831.4	1897.8
70°	14096.8	6163.2	1340.4	1279.4	1690.8	1751.8	1680.1	1451.9	1491.7	1592.6	1645.6
72.5°	10311.8	3840.7	1101.5	1056.4	1359.0	1531.5	1494.3	1279.4	1297.9	1393.5	1436.0
75°	7416.0	2197.7	883.9	870.6	1037.8	1311.2	1236.9	1101.5	1122.8	1194.4	1223.6
77.5°	4714.0	1223.6	682.1	700.7	743.2	979.4	1056.4	942.3	942.3	984.7	1008.6
80°	2524.2	700.7	499.0	507.0	520.2	748.5	833.4	729.9	729.9	700.7	729.9
82.5°	1029.9	403.4	342.4	318.5	347.7	512.3	583.9	464.5	485.7	438.0	448.6
85°	339.7	201.7	169.9	167.2	164.6	225.6	281.4	230.9	276.0	175.2	183.1
87.5°	45.1	37.2	21.2	15.9	18.6	8.0	15.9	18.6	18.6	13.3	13.3
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°	4652.9	4652.9	4652.9	4652.9	4652.9	4652.9	4652.9	4652.9	4652.9	4652.9	4652.9
2.5°	4278.7	4257.4	4180.5	4199.0	4185.8	4164.5	4185.8	4145.9	4177.8	4188.4	4254.8
5°	4000.0	3949.5	3875.2	3838.1	3830.1	3808.9	3811.5	3792.9	3798.2	3843.4	3917.7
7.5°	3750.5	3702.7	3644.3	3617.8	3593.9	3570.0	3567.3	3564.7	3585.9	3625.7	3697.4
10°	3570.0	3543.4	3519.5	3530.2	3519.5	3508.9	3490.3	3490.3	3524.9	3596.5	3684.1
12.5°	3570.0	3564.7	3570.0	3601.8	3599.2	3601.8	3577.9	3591.2	3686.8	3808.9	3933.6
15°	3761.1	3718.6	3718.6	3734.5	3729.2	3729.2	3729.2	3785.0	4002.6	4191.1	4323.8
17.5°	3994.7	3869.9	3816.8	3808.9	3806.2	3806.2	3816.8	3936.3	4276.0	4475.1	4552.1
20°	4156.6	3920.3	3832.7	3798.2	3800.9	3806.2	3838.1	4002.6	4376.9	4477.7	4459.2
22.5°	4185.8	3880.5	3774.4	3723.9	3731.9	3737.2	3785.0	3960.2	4238.8	4254.8	4217.6
25°	4050.4	3769.0	3654.9	3615.1	3625.7	3623.1	3665.5	3792.9	3992.0	3986.7	3965.5
27.5°	3848.7	3591.2	3506.3	3479.7	3498.3	3477.1	3490.3	3588.6	3742.5	3737.2	3729.2
30°	3641.6	3418.7	3341.7	3328.4	3352.3	3320.5	3323.1	3405.4	3511.6	3506.3	3503.6
32.5°	3434.6	3246.2	3177.1	3177.1	3201.0	3166.5	3171.8	3243.5	3315.2	3293.9	3293.9
35°	3238.2	3105.5	3049.7	3039.1	3057.7	3033.8	3044.4	3110.8	3137.3	3108.1	3089.6
37.5°	3065.7	3007.3	2951.5	2914.4	2917.0	2919.7	2951.5	3002.0	2986.0	2943.6	2919.7
40°	2906.4	2906.4	2853.3	2784.3	2776.4	2794.9	2848.0	2903.8	2858.6	2810.9	2781.7
42.5°	2792.3	2816.2	2765.7	2696.7	2680.8	2712.7	2771.0	2810.9	2757.8	2704.7	2664.9
45°	2686.1	2744.5	2710.0	2633.0	2611.8	2648.9	2723.3	2739.2	2667.5	2617.1	2587.9
47.5°	2611.8	2691.4	2667.5	2593.2	2561.4	2614.4	2691.4	2688.8	2598.5	2545.4	2521.5
50°	2558.7	2659.6	2656.9	2593.2	2558.7	2625.1	2694.1	2659.6	2561.4	2505.6	2481.7
52.5°	2516.2	2656.9	2675.5	2638.3	2614.4	2672.8	2715.3	2648.9	2534.8	2476.4	2457.8
55°	2497.7	2667.5	2680.8	2646.3	2625.1	2678.1	2715.3	2670.2	2534.8	2481.7	2465.8
57.5°	2503.0	2654.3	2656.9	2609.1	2572.0	2638.3	2696.7	2683.5	2564.0	2503.0	2484.4
60°	2471.1	2582.6	2587.9	2513.6	2471.1	2550.7	2654.3	2646.3	2550.7	2487.0	2452.5
62.5°	2364.9	2463.2	2465.8	2396.8	2335.7	2449.9	2564.0	2561.4	2473.8	2410.1	2370.3
65°	2187.1	2290.6	2317.2	2250.8	2203.0	2325.1	2444.6	2439.3	2351.7	2293.3	2253.5
67.5°	1966.8	2078.3	2128.7	2083.6	2065.0	2176.5	2288.0	2285.3	2213.7	2157.9	2123.4
70°	1698.7	1791.6	1876.6	1876.6	1863.3	1990.7	2110.1	2099.5	2033.2	1990.7	1964.2
72.5°	1475.8	1547.4	1574.0	1600.5	1640.3	1773.0	1873.9	1881.9	1834.1	1812.9	1834.1
75°	1255.5	1300.6	1324.5	1303.2	1372.3	1510.3	1643.0	1656.3	1605.8	1571.3	1579.3
77.5°	1032.5	1082.9	1106.8	1059.0	1053.7	1228.9	1390.8	1420.0	1377.6	1324.5	1340.4
80°	745.8	812.2	852.0	820.2	809.5	886.5	1109.5	1141.3	1101.5	1059.0	1082.9
82.5°	456.5	493.7	504.3	536.2	602.5	634.4	714.0	820.2	791.0	753.8	820.2
85°	180.5	215.0	238.9	270.7	315.9	374.3	440.6	525.5	477.8	461.8	544.1
87.5°	10.6	2.7	0.0	5.3	45.1	87.6	188.5	260.1	217.6	233.6	281.4
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°	4652.9	4652.9	4652.9	4652.9	4652.9	4652.9	4652.9	4652.9	4652.9	4652.9
2.5°	4307.9	4376.9	4469.8	4546.7	4644.9	4737.8	4833.4	4929.0	4979.4	5000.6
5°	4002.6	4130.0	4278.7	4443.2	4634.3	4836.1	5040.4	5250.1	5382.8	5393.5
7.5°	3819.5	4002.6	4207.0	4414.0	4650.3	4929.0	5252.8	5576.6	5712.0	5749.1
10°	3877.9	4082.2	4244.2	4437.9	4698.0	5045.7	5428.0	5807.5	5964.1	6009.2
12.5°	4111.4	4151.3	4201.7	4379.5	4698.0	5146.6	5608.4	6059.7	6226.9	6269.4
15°	4305.2	4114.1	4023.9	4212.3	4634.3	5234.2	5799.6	6298.6	6500.3	6540.1
17.5°	4321.1	3992.0	3795.6	3965.5	4522.9	5295.2	5982.7	6564.0	6733.9	6771.0
20°	4159.2	3861.9	3607.1	3710.7	4371.6	5321.8	6115.4	6757.7	6925.0	6962.1
22.5°	3976.1	3755.8	3479.7	3474.4	4188.4	5351.0	6274.7	6940.9	7121.4	7145.3
25°	3803.6	3609.8	3376.2	3301.9	3976.1	5406.7	6489.7	7216.9	7354.9	7362.9
27.5°	3601.8	3453.2	3293.9	3222.3	3790.3	5512.9	6808.2	7546.1	7628.3	7615.1
30°	3418.7	3307.2	3235.5	3214.3	3673.5	5592.5	7110.8	7869.9	7875.2	7830.1
32.5°	3224.9	3182.5	3182.5	3251.5	3577.9	5573.9	7357.6	8185.7	8135.3	8068.9
35°	3052.4	3060.4	3116.1	3278.0	3418.7	5388.1	7593.8	8581.2	8506.9	8411.3
37.5°	2887.8	2948.9	3028.5	3185.1	3209.0	5112.1	7869.9	9141.3	9048.4	8928.9
40°	2747.2	2840.1	2933.0	3009.9	2986.0	4719.3	8254.7	9799.5	9696.0	9558.0
42.5°	2635.7	2725.9	2829.4	2837.4	2845.4	4310.5	8663.5	10606.4	10587.8	10436.5
45°	2564.0	2622.4	2720.6	2707.3	2837.4	3859.3	9040.4	11838.0	12082.2	11968.0
47.5°	2516.2	2561.4	2572.0	2627.7	2906.4	3455.8	9526.1	14248.1	14927.5	14797.5
50°	2489.7	2534.8	2415.4	2633.0	2917.0	3195.7	10197.7	17273.9	18367.5	18194.9
52.5°	2487.0	2476.4	2295.9	2688.8	2858.6	3036.5	10548.0	19482.2	21908.2	22282.5
55°	2492.3	2359.6	2234.9	2704.7	2741.8	2978.1	9374.8	20543.9	25175.6	25966.6
57.5°	2444.6	2232.2	2269.4	2641.0	2521.5	3134.7	6930.3	20164.4	26481.5	27952.0
60°	2354.3	2110.1	2333.1	2468.5	2295.9	2866.6	4772.4	18471.0	25127.9	26640.8
62.5°	2224.3	2025.2	2325.1	2245.5	2213.7	2346.4	3280.7	16100.7	22980.6	24459.0
65°	2078.3	1956.2	2200.4	2030.5	2049.1	1804.9	2319.8	13425.2	20416.5	21871.1
67.5°	1921.7	1913.7	2017.2	1807.5	1730.6	1430.6	1690.8	10760.4	17122.6	18433.8
70°	1743.8	1802.2	1834.1	1605.8	1404.1	1122.8	1255.5	7524.8	12631.6	13772.9
72.5°	1566.0	1571.3	1616.4	1396.1	1051.1	899.8	942.3	4557.4	8581.2	9412.0
75°	1385.5	1335.1	1377.6	1136.0	783.0	737.9	727.3	2816.2	5927.0	6582.6
77.5°	1191.8	1136.0	1080.3	854.7	629.1	570.7	557.4	1579.3	3636.3	4039.8
80°	968.8	894.5	806.9	626.4	459.2	408.8	406.1	769.7	1812.9	2019.9
82.5°	753.8	613.1	589.2	390.2	284.0	249.5	265.4	294.6	546.8	610.5
85°	528.2	445.9	313.2	156.6	127.4	103.5	100.9	87.6	146.0	161.9
87.5°	294.6	193.8	100.9	18.6	21.2	23.9	18.6	13.3	13.3	13.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)