

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: P643656

Luminaire Tested: GWS-SA6F-735-U-SLR-W

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P643656  
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-SAGF-735-U-SLR-W  
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND  
SPILL LIGHT ELIMINATOR RIGHT OPTICS  
Light Source: (96) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

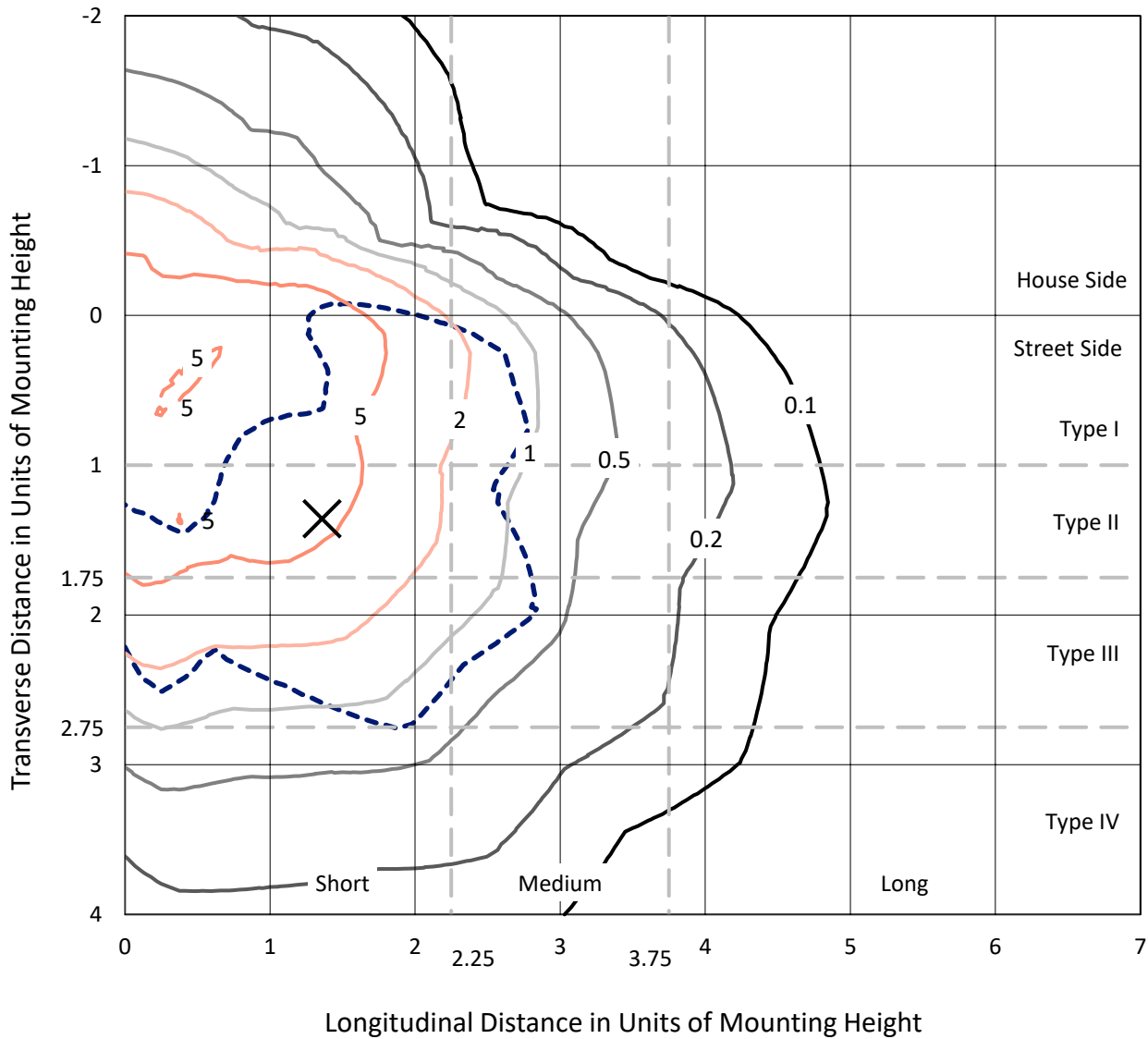
Lumens per Lamp: N/A  
Luminaire Lumens: 46478.6 lumens  
Efficiency: N/A  
Efficacy: 124.7 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B4 - U0 - G5  
  
Input Watts (W): 372.6  
Input Voltage (V): 120  
Input Current (Ain): 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

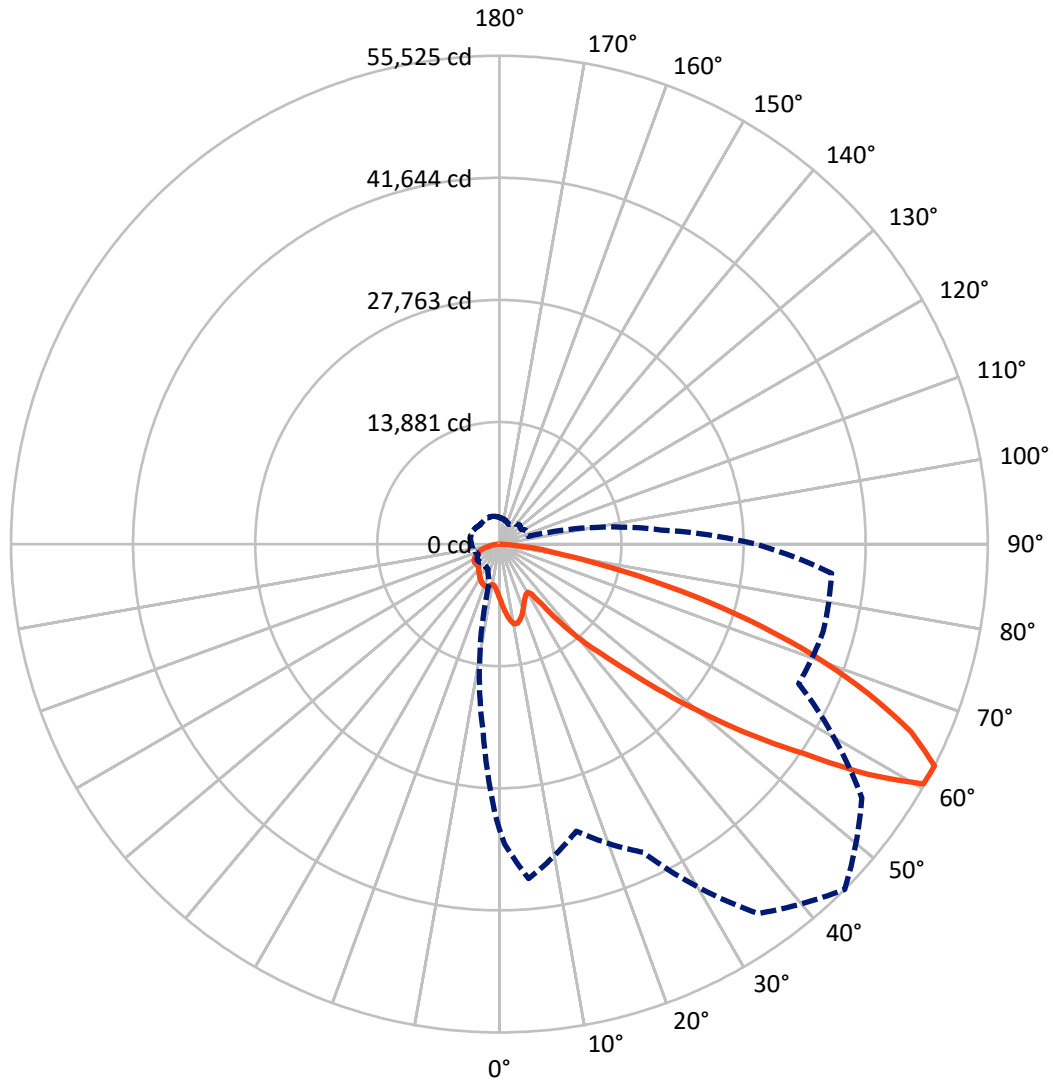
✕ Max cd  
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 9.8 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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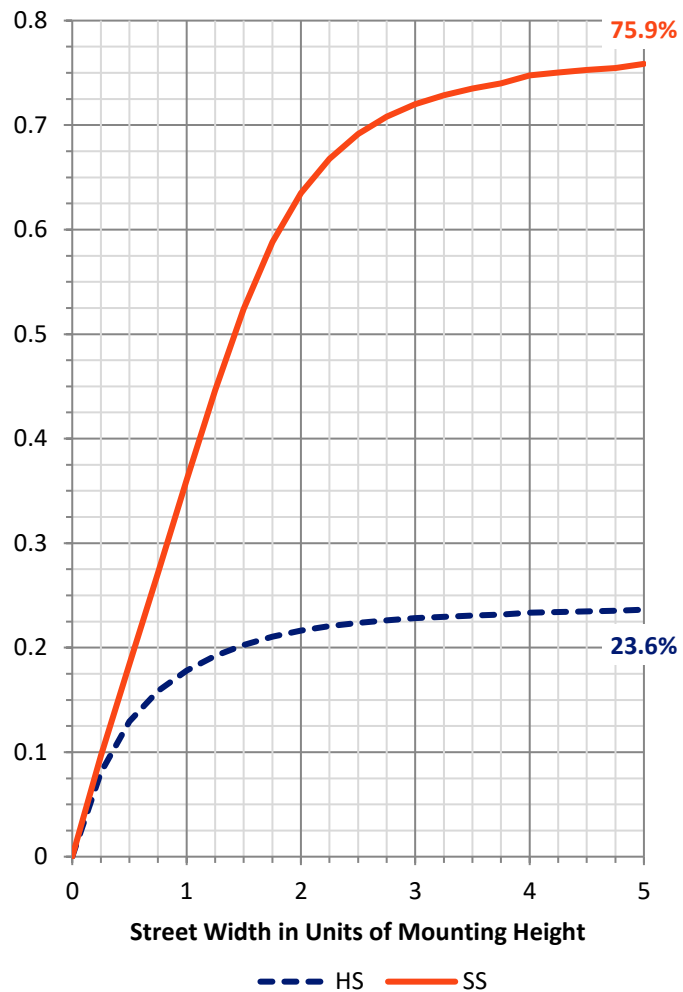
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	11090.7	0.0	11090.7
	% Fixture	23.9	0.0	23.9
<b>Street Side</b>	Lumens	35387.9	0.0	35387.9
	% Fixture	76.1	0.0	76.1
<b>Total</b>	Lumens	46478.6	0.0	46478.6
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	602.5	1.3
10°-20°	1888.6	4.1
20°-30°	2933.4	6.3
30°-40°	3982.8	8.6
40°-50°	6312.3	13.6
50°-60°	11134.9	24.0
60°-70°	12389.3	26.7
70°-80°	6283.4	13.5
80°-90°	951.4	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°	46478.6	100.0
0°-180°	46478.6	100.0

**Coefficient of Utilization**



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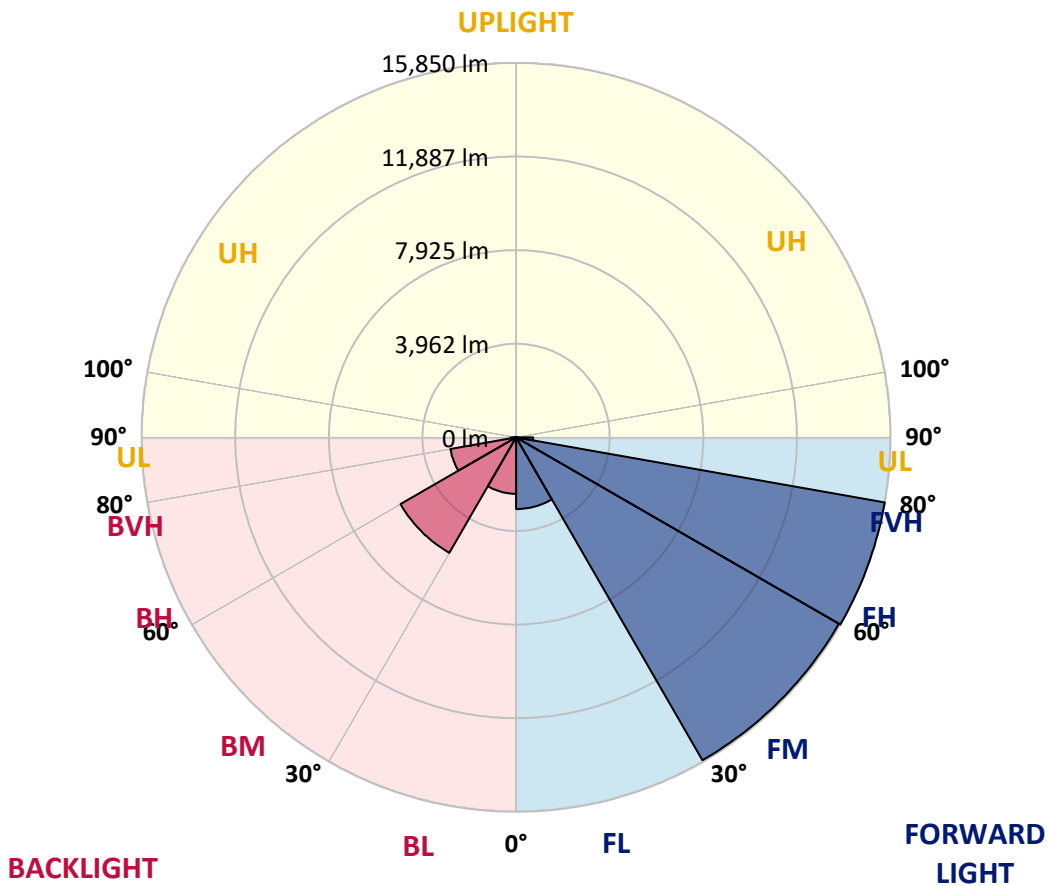
CATALOG NUMBER: GWS-SA6F-735-U-SLR-W

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3034.7	6.5			
FM (30°-60°)	15781.5	34.0			
FH (60°-80°)	15849.6	34.1			G5
FVH (80°-90°)	722.2	1.6			G4/750
BL (0°-30°)	2389.8	5.1	B3/2500		
BM (30°-60°)	5648.5	12.2	B4/8500		
BH (60°-80°)	2823.1	6.1	B4/5000		G4/5000
BVH (80°-90°)	229.3	0.5			G3/500
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°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6168.7	6168.7	6168.7	6168.7	6168.7	6168.7	6168.7	6168.7	6168.7	6168.7	6168.7
2.5°	6629.6	6626.1	6693.0	6795.0	6890.0	6932.3	7002.6	6995.6	6939.3	6865.4	6840.8
5°	7150.4	7164.5	7280.6	7505.8	7755.7	7861.3	7907.0	7889.4	7787.4	7657.2	7428.4
7.5°	7622.0	7646.6	7826.1	8163.9	8473.5	8614.3	8726.9	8705.8	8558.0	8315.2	7977.4
10°	7966.8	7995.0	8209.6	8607.3	8952.1	9075.3	9219.6	9226.6	9096.4	8769.1	8424.3
12.5°	8311.7	8339.8	8540.4	8902.9	9128.1	9131.6	9216.0	9261.8	9268.8	9117.5	8772.7
15°	8670.6	8695.2	8878.2	9082.3	9071.8	8874.7	8874.7	8962.7	9156.2	9265.3	9026.0
17.5°	8976.8	9008.4	9149.2	9082.3	8769.1	8413.7	8371.5	8484.1	8821.9	9240.7	9216.0
20°	9230.1	9254.7	9332.2	8888.8	8318.7	7854.2	7773.3	7903.5	8360.9	9089.4	9360.3
22.5°	9472.9	9487.0	9444.8	8635.4	7833.1	7301.8	7203.2	7340.5	7833.1	8821.9	9483.5
25°	9761.5	9747.4	9546.8	8371.5	7389.7	6865.4	6763.4	6918.2	7432.0	8466.5	9617.2
27.5°	10095.8	10043.0	9634.8	8086.5	7048.4	6541.7	6471.3	6636.7	7115.2	8139.3	9722.8
30°	10380.8	10278.8	9648.9	7833.1	6872.4	6404.4	6362.2	6517.0	6960.4	7917.6	9856.5
32.5°	10697.5	10556.7	9729.8	7766.2	6971.0	6735.2	6791.5	6802.1	7002.6	7854.2	10057.1
35°	11151.4	10968.5	9951.5	7959.8	7984.4	8382.1	8586.2	8311.7	7639.6	7995.0	10437.1
37.5°	11837.6	11605.4	10401.9	8797.3	10078.2	10968.5	11461.1	10834.7	9575.0	8526.3	11010.7
40°	12671.6	12376.0	10979.0	10345.6	12034.7	13459.9	14336.1	13417.6	11566.7	9853.0	11816.5
42.5°	13836.4	13526.7	12098.0	11865.8	13846.9	15968.8	17112.5	15743.6	13322.6	11566.7	13108.0
45°	15866.8	15567.7	14149.6	13389.5	15968.8	19058.4	20663.1	18759.3	15106.7	13287.4	15521.9
47.5°	19618.0	19266.1	17196.9	15078.6	18389.9	23070.0	25315.1	22542.2	16961.2	15258.0	19575.7
50°	24122.2	23784.4	21022.0	17077.3	21064.2	27359.6	30480.8	26986.6	19097.2	17654.4	24421.3
52.5°	29541.3	29478.0	26479.8	19603.9	23847.7	31934.2	36213.2	31909.5	21437.2	20881.2	29910.8
55°	34425.6	35044.9	33412.1	23457.1	27444.0	37680.6	42107.3	37279.4	24611.3	26215.9	36339.8
57.5°	37057.7	38722.1	41231.1	31318.4	32673.1	44549.5	49380.9	43835.1	30065.6	35097.7	42300.9
60°	35319.4	37205.5	41751.9	37237.2	37860.0	50053.1	55384.2	49345.8	35421.4	41262.8	41963.1
62.5°	32426.8	34119.4	38162.6	33781.6	38662.3	51263.6	55525.0	50306.4	37550.4	38134.5	37905.8
65°	28995.9	30702.5	34985.1	29488.5	36111.1	48388.6	51429.0	47480.7	33725.3	34453.7	34538.2
67.5°	24438.9	26015.3	30375.3	26219.4	32915.9	44169.4	45140.7	43455.1	31058.0	32219.2	31005.2
70°	18259.7	19681.3	23531.0	21307.0	27746.7	38672.9	37888.2	38138.0	28063.4	29217.6	25899.2
72.5°	12478.1	13547.8	16848.6	16743.0	21247.2	30959.4	29865.0	32233.3	23439.5	24970.2	19744.6
75°	8726.9	9560.9	12179.0	13227.6	16060.3	22946.8	21268.3	24125.7	18305.4	20490.6	14406.4
77.5°	5355.8	5908.3	7692.3	9800.2	10331.5	15704.9	13210.0	18154.1	12854.6	14944.8	9610.2
80°	2677.9	2945.3	3737.1	6161.6	6851.3	9254.7	7294.7	10539.2	8698.8	9254.7	5317.1
82.5°	809.4	893.8	1094.4	2340.1	3550.6	5327.6	4310.7	6122.9	4750.5	4338.8	2093.8
85°	214.7	242.8	302.6	693.2	1245.7	1910.8	1456.8	2966.4	2276.7	1601.1	788.2
87.5°	17.6	17.6	14.1	14.1	7.0	0.0	0.0	211.1	425.8	242.8	137.2
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°	6168.7	6168.7	6168.7	6168.7	6168.7	6168.7	6168.7	6168.7	6168.7	6168.7	6168.7
2.5°	6717.6	6703.5	6559.3	6453.7	6330.5	6210.9	6087.7	5978.6	5855.5	5732.3	5697.1
5°	7259.5	7161.0	6854.8	6598.0	6344.6	6122.9	5929.4	5728.8	5566.9	5408.6	5348.8
7.5°	7738.1	7565.7	7122.3	6731.7	6379.8	6105.3	5820.3	5528.2	5299.5	5074.3	5018.0
10°	8170.9	7942.2	7382.7	6890.0	6499.4	6186.3	5852.0	5461.4	5130.6	4856.1	4782.2
12.5°	8491.1	8241.3	7607.9	7041.4	6598.0	6246.1	5915.3	5570.4	5222.1	4866.7	4785.7
15°	8744.5	8484.1	7794.4	7157.5	6601.5	6147.5	5827.3	5707.7	5598.6	5250.2	5102.4
17.5°	8948.6	8674.1	7956.3	7227.9	6506.5	5848.4	5570.4	5746.4	6024.4	5806.2	5528.2
20°	9135.1	8857.1	8079.4	7277.1	6295.3	5436.7	5281.9	5654.9	6073.6	6066.6	5816.8
22.5°	9339.2	9068.2	8258.9	7305.3	5999.8	5018.0	5109.5	5521.2	5862.5	5964.6	5809.7
25°	9599.6	9360.3	8508.7	7368.6	5665.5	4729.4	4982.8	5348.8	5633.8	5658.4	5566.9
27.5°	9902.2	9722.8	8881.7	7516.4	5341.7	4581.6	4835.0	5105.9	5366.3	5376.9	5267.8
30°	10233.0	10113.4	9226.6	7639.6	5098.9	4535.9	4645.0	4863.1	5028.5	5056.7	4961.7
32.5°	10655.3	10549.7	9532.7	7558.6	4954.6	4525.3	4469.0	4581.6	4718.9	4718.9	4645.0
35°	11235.9	11088.1	9856.5	7249.0	4778.7	4483.1	4282.5	4314.2	4374.0	4384.6	4342.3
37.5°	12059.3	11816.5	10183.7	6636.7	4490.1	4331.8	4067.9	4029.2	4050.3	4078.4	4067.9
40°	13079.8	12682.2	10662.3	5901.2	4145.3	4039.7	3846.2	3772.3	3754.7	3811.0	3832.1
42.5°	14364.2	13755.4	11176.1	5215.0	3832.1	3705.4	3585.8	3522.4	3494.3	3589.3	3645.6
45°	16415.7	15412.9	11668.7	4535.9	3656.2	3420.4	3339.5	3293.7	3307.8	3420.4	3490.8
47.5°	19959.3	17943.0	12136.7	4106.6	3642.1	3216.3	3117.8	3128.3	3167.0	3286.7	3371.1
50°	24442.4	21331.7	12449.9	3927.1	3684.3	3093.1	2962.9	3019.2	3079.1	3195.2	3293.7
52.5°	29006.4	24488.1	12076.9	3828.6	3680.8	3096.6	2818.7	2987.6	3015.7	3131.8	3237.4
55°	32145.3	24840.0	10433.6	3677.3	3624.5	3237.4	2706.0	2973.5	2991.1	3096.6	3191.7
57.5°	33341.7	23636.6	7956.3	3719.5	3455.6	3346.5	2656.8	2875.0	3001.6	3093.1	3191.7
60°	31895.5	21366.9	4835.0	3828.6	3184.6	3339.5	2688.5	2695.5	2913.7	3068.5	3167.0
62.5°	29168.3	18453.2	3395.8	3518.9	2987.6	3152.9	2762.3	2484.4	2758.8	2945.3	3033.3
65°	26043.5	15025.8	2589.9	3029.8	2892.5	2864.4	2787.0	2297.9	2547.7	2730.7	2808.1
67.5°	22788.5	11679.3	2104.3	2259.1	2614.6	2589.9	2547.7	2132.5	2297.9	2428.1	2516.0
70°	18689.0	8170.9	1777.1	1696.1	2241.5	2322.5	2227.5	1924.8	1977.6	2111.3	2181.7
72.5°	13671.0	5091.9	1460.4	1400.5	1801.7	2030.4	1981.1	1696.1	1720.7	1847.4	1903.7
75°	9831.9	2913.7	1171.8	1154.2	1375.9	1738.3	1639.8	1460.4	1488.5	1583.5	1622.2
77.5°	6249.6	1622.2	904.4	929.0	985.3	1298.5	1400.5	1249.2	1249.2	1305.5	1337.2
80°	3346.5	929.0	661.6	672.1	689.7	992.3	1104.9	967.7	967.7	929.0	967.7
82.5°	1365.3	534.9	453.9	422.3	461.0	679.2	774.2	615.8	644.0	580.6	594.7
85°	450.4	267.4	225.2	221.7	218.2	299.1	373.0	306.1	366.0	232.2	242.8
87.5°	59.8	49.3	28.2	21.1	24.6	10.6	21.1	24.6	24.6	17.6	17.6
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°	6168.7	6168.7	6168.7	6168.7	6168.7	6168.7	6168.7	6168.7	6168.7	6168.7	6168.7
2.5°	5672.5	5644.3	5542.3	5566.9	5549.3	5521.2	5549.3	5496.5	5538.8	5552.8	5640.8
5°	5303.0	5236.1	5137.6	5088.4	5077.8	5049.6	5053.2	5028.5	5035.6	5095.4	5193.9
7.5°	4972.2	4908.9	4831.5	4796.3	4764.6	4732.9	4729.4	4725.9	4754.1	4806.8	4901.8
10°	4732.9	4697.8	4666.1	4680.2	4666.1	4652.0	4627.4	4627.4	4673.1	4768.1	4884.3
12.5°	4732.9	4725.9	4732.9	4775.2	4771.6	4775.2	4743.5	4761.1	4887.8	5049.6	5215.0
15°	4986.3	4930.0	4930.0	4951.1	4944.1	4944.1	4944.1	5018.0	5306.5	5556.4	5732.3
17.5°	5296.0	5130.6	5060.2	5049.6	5046.1	5046.1	5060.2	5218.6	5669.0	5932.9	6034.9
20°	5510.6	5197.4	5081.3	5035.6	5039.1	5046.1	5088.4	5306.5	5802.7	5936.4	5911.8
22.5°	5549.3	5144.7	5003.9	4937.0	4947.6	4954.6	5018.0	5250.2	5619.7	5640.8	5591.6
25°	5369.9	4996.9	4845.5	4792.8	4806.8	4803.3	4859.6	5028.5	5292.4	5285.4	5257.3
27.5°	5102.4	4761.1	4648.5	4613.3	4637.9	4609.8	4627.4	4757.6	4961.7	4954.6	4944.1
30°	4828.0	4532.4	4430.3	4412.7	4444.4	4402.2	4405.7	4514.8	4655.5	4648.5	4645.0
32.5°	4553.5	4303.6	4212.1	4212.1	4243.8	4198.1	4205.1	4300.1	4395.1	4367.0	4367.0
35°	4293.1	4117.1	4043.2	4029.2	4053.8	4022.1	4036.2	4124.2	4159.4	4120.7	4096.0
37.5°	4064.3	3986.9	3913.0	3863.8	3867.3	3870.8	3913.0	3979.9	3958.8	3902.5	3870.8
40°	3853.2	3853.2	3782.8	3691.3	3680.8	3705.4	3775.8	3849.7	3789.9	3726.5	3687.8
42.5°	3701.9	3733.6	3666.7	3575.2	3554.1	3596.3	3673.7	3726.5	3656.2	3585.8	3533.0
45°	3561.1	3638.6	3592.8	3490.8	3462.6	3511.9	3610.4	3631.5	3536.5	3469.7	3430.9
47.5°	3462.6	3568.2	3536.5	3438.0	3395.8	3466.1	3568.2	3564.7	3445.0	3374.6	3343.0
50°	3392.2	3526.0	3522.4	3438.0	3392.2	3480.2	3571.7	3526.0	3395.8	3321.9	3290.2
52.5°	3335.9	3522.4	3547.1	3497.8	3466.1	3543.5	3599.9	3511.9	3360.6	3283.1	3258.5
55°	3311.3	3536.5	3554.1	3508.4	3480.2	3550.6	3599.9	3540.0	3360.6	3290.2	3269.1
57.5°	3318.3	3518.9	3522.4	3459.1	3409.8	3497.8	3575.2	3557.6	3399.3	3318.3	3293.7
60°	3276.1	3423.9	3430.9	3332.4	3276.1	3381.7	3518.9	3508.4	3381.7	3297.2	3251.5
62.5°	3135.4	3265.6	3269.1	3177.6	3096.6	3248.0	3399.3	3395.8	3279.6	3195.2	3142.4
65°	2899.6	3036.8	3072.0	2984.0	2920.7	3082.6	3240.9	3233.9	3117.8	3040.3	2987.6
67.5°	2607.5	2755.3	2822.2	2762.3	2737.7	2885.5	3033.3	3029.8	2934.8	2860.9	2815.1
70°	2252.1	2375.3	2487.9	2487.9	2470.3	2639.2	2797.5	2783.5	2695.5	2639.2	2604.0
72.5°	1956.5	2051.5	2086.7	2121.9	2174.7	2350.6	2484.4	2494.9	2431.6	2403.4	2431.6
75°	1664.4	1724.3	1755.9	1727.8	1819.3	2002.3	2178.2	2195.8	2128.9	2083.2	2093.8
77.5°	1368.9	1435.7	1467.4	1404.0	1397.0	1629.3	1843.9	1882.6	1826.3	1755.9	1777.1
80°	988.8	1076.8	1129.6	1087.3	1073.3	1175.3	1470.9	1513.1	1460.4	1404.0	1435.7
82.5°	605.3	654.5	668.6	710.8	798.8	841.0	946.6	1087.3	1048.6	999.4	1087.3
85°	239.3	285.0	316.7	358.9	418.8	496.2	584.1	696.7	633.4	612.3	721.4
87.5°	14.1	3.5	0.0	7.0	59.8	116.1	249.8	344.9	288.6	309.7	373.0
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):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6168.7	6168.7	6168.7	6168.7	6168.7	6168.7	6168.7	6168.7	6168.7	6168.7
2.5°	5711.2	5802.7	5925.9	6027.9	6158.1	6281.3	6407.9	6534.6	6601.5	6629.6
5°	5306.5	5475.4	5672.5	5890.7	6144.0	6411.5	6682.4	6960.4	7136.4	7150.4
7.5°	5063.7	5306.5	5577.5	5852.0	6165.1	6534.6	6963.9	7393.2	7572.7	7622.0
10°	5141.1	5412.1	5626.7	5883.6	6228.5	6689.5	7196.2	7699.4	7907.0	7966.8
12.5°	5450.8	5503.6	5570.4	5806.2	6228.5	6823.2	7435.5	8033.7	8255.4	8311.7
15°	5707.7	5454.3	5334.7	5584.5	6144.0	6939.3	7688.8	8350.4	8617.8	8670.6
17.5°	5728.8	5292.4	5032.0	5257.3	5996.2	7020.2	7931.6	8702.3	8927.5	8976.8
20°	5514.1	5120.0	4782.2	4919.4	5795.7	7055.4	8107.6	8959.2	9180.9	9230.1
22.5°	5271.3	4979.3	4613.3	4606.3	5552.8	7094.1	8318.7	9202.0	9441.3	9472.9
25°	5042.6	4785.7	4476.1	4377.5	5271.3	7168.0	8603.7	9567.9	9750.9	9761.5
27.5°	4775.2	4578.1	4367.0	4272.0	5025.0	7308.8	9026.0	10004.3	10113.4	10095.8
30°	4532.4	4384.6	4289.6	4261.4	4870.2	7414.4	9427.2	10433.6	10440.6	10380.8
32.5°	4275.5	4219.2	4219.2	4310.7	4743.5	7389.7	9754.4	10852.3	10785.5	10697.5
35°	4046.8	4057.3	4131.2	4345.9	4532.4	7143.4	10067.6	11376.7	11278.1	11151.4
37.5°	3828.6	3909.5	4015.1	4222.7	4254.4	6777.4	10433.6	12119.1	11996.0	11837.6
40°	3642.1	3765.2	3888.4	3990.5	3958.8	6256.6	10943.8	12991.8	12854.6	12671.6
42.5°	3494.3	3613.9	3751.2	3761.7	3772.3	5714.7	11485.7	14061.6	14037.0	13836.4
45°	3399.3	3476.7	3606.9	3589.3	3761.7	5116.5	11985.4	15694.4	16018.1	15866.8
47.5°	3335.9	3395.8	3409.8	3483.7	3853.2	4581.6	12629.4	18889.5	19790.4	19618.0
50°	3300.7	3360.6	3202.2	3490.8	3867.3	4236.8	13519.7	22901.1	24350.9	24122.2
52.5°	3297.2	3283.1	3043.9	3564.7	3789.9	4025.6	13984.2	25828.8	29045.1	29541.3
55°	3304.3	3128.3	2962.9	3585.8	3635.0	3948.2	12428.8	27236.4	33376.9	34425.6
57.5°	3240.9	2959.4	3008.7	3501.3	3343.0	4155.8	9187.9	26733.2	35108.2	37057.7
60°	3121.3	2797.5	3093.1	3272.6	3043.9	3800.4	6327.0	24488.1	33313.6	35319.4
62.5°	2948.9	2684.9	3082.6	2977.0	2934.8	3110.7	4349.4	21345.7	30466.8	32426.8
65°	2755.3	2593.4	2917.2	2692.0	2716.6	2392.9	3075.5	17798.7	27067.5	28995.9
67.5°	2547.7	2537.1	2674.4	2396.4	2294.3	1896.7	2241.5	14265.7	22700.5	24438.9
70°	2311.9	2389.3	2431.6	2128.9	1861.5	1488.5	1664.4	9976.1	16746.5	18259.7
72.5°	2076.2	2083.2	2143.0	1850.9	1393.5	1192.9	1249.2	6042.0	11376.7	12478.1
75°	1836.9	1770.0	1826.3	1506.1	1038.1	978.3	964.2	3733.6	7857.7	8726.9
77.5°	1580.0	1506.1	1432.2	1133.1	834.0	756.6	739.0	2093.8	4820.9	5355.8
80°	1284.4	1185.9	1069.8	830.5	608.8	541.9	538.4	1020.5	2403.4	2677.9
82.5°	999.4	812.9	781.2	517.3	376.5	330.8	351.9	390.6	724.9	809.4
85°	700.3	591.2	415.2	207.6	168.9	137.2	133.7	116.1	193.5	214.7
87.5°	390.6	256.9	133.7	24.6	28.2	31.7	24.6	17.6	17.6	17.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)