

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: P643766

Luminaire Tested: GWS-SA6F-750-U-SLR-W

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P643766  
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-750-U-SLR-W  
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND  
SPILL LIGHT ELIMINATOR RIGHT OPTICS  
Light Source: (96) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

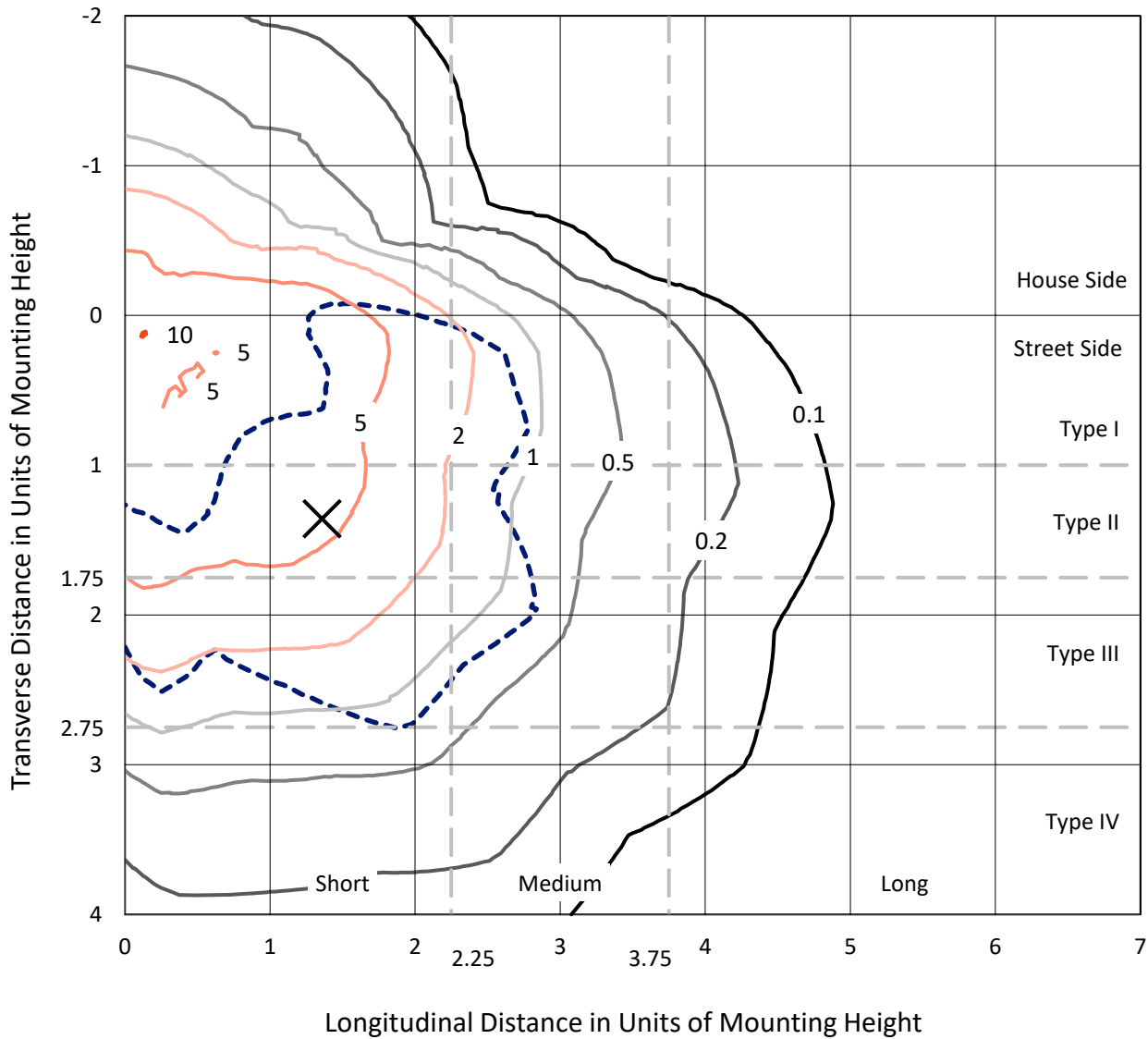
Lumens per Lamp: N/A  
Luminaire Lumens: 48204.4 lumens  
Efficiency: N/A  
Efficacy: 129.4 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B4 - U0 - G5  
  
Input Watts (W): 372.6  
Input Voltage (V): 120  
Input Current (Ain): 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

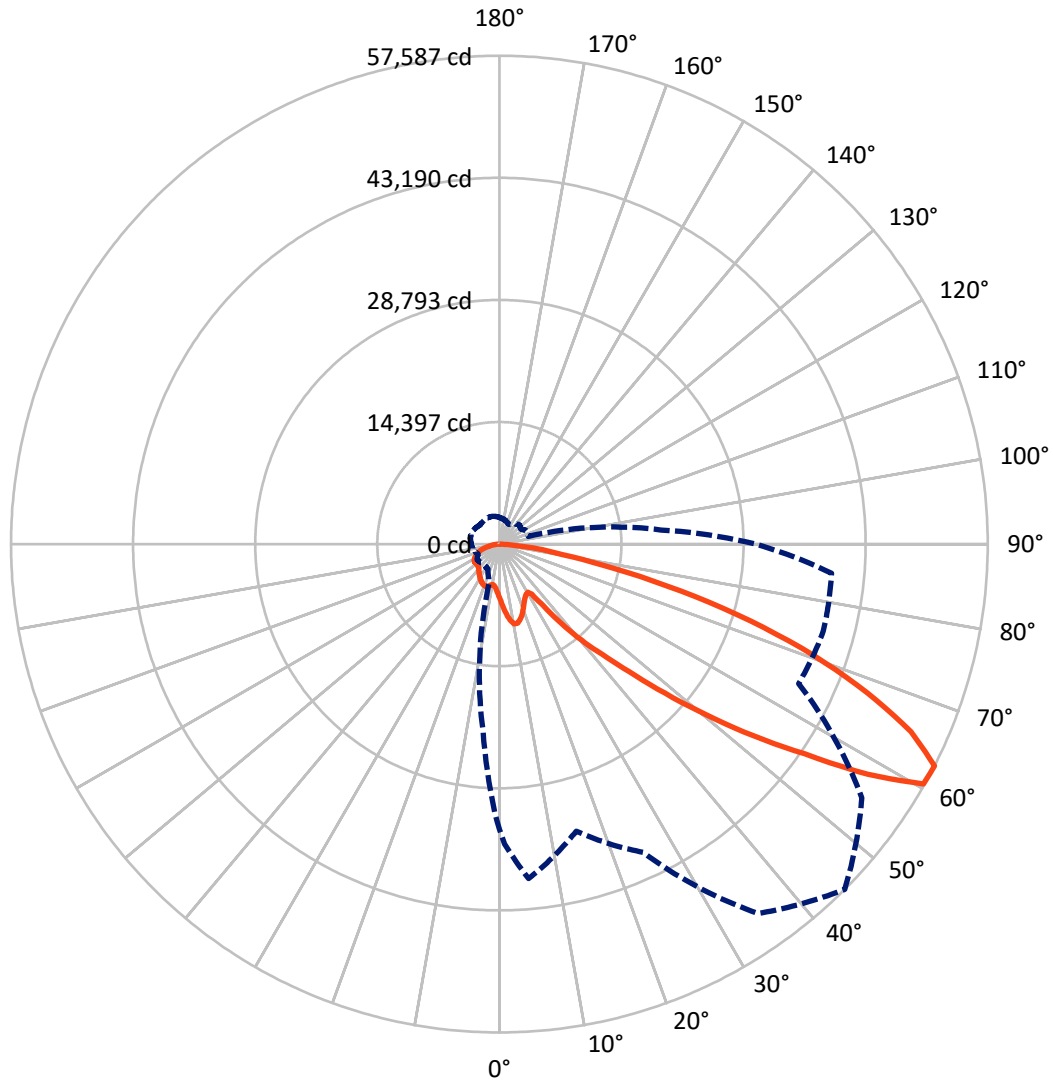
✕ Max cd  
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 10.1 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	11502.5	0.0	11502.5
	% Fixture	23.9	0.0	23.9
<b>Street Side</b>	Lumens	36701.9	0.0	36701.9
	% Fixture	76.1	0.0	76.1
<b>Total</b>	Lumens	48204.4	0.0	48204.4
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	624.8	1.3
10°-20°	1958.7	4.1
20°-30°	3042.3	6.3
30°-40°	4130.6	8.6
40°-50°	6546.7	13.6
50°-60°	11548.4	24.0
60°-70°	12849.4	26.7
70°-80°	6516.7	13.5
80°-90°	986.8	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°	48204.4	100.0
0°-180°	48204.4	100.0

**Coefficient of Utilization**



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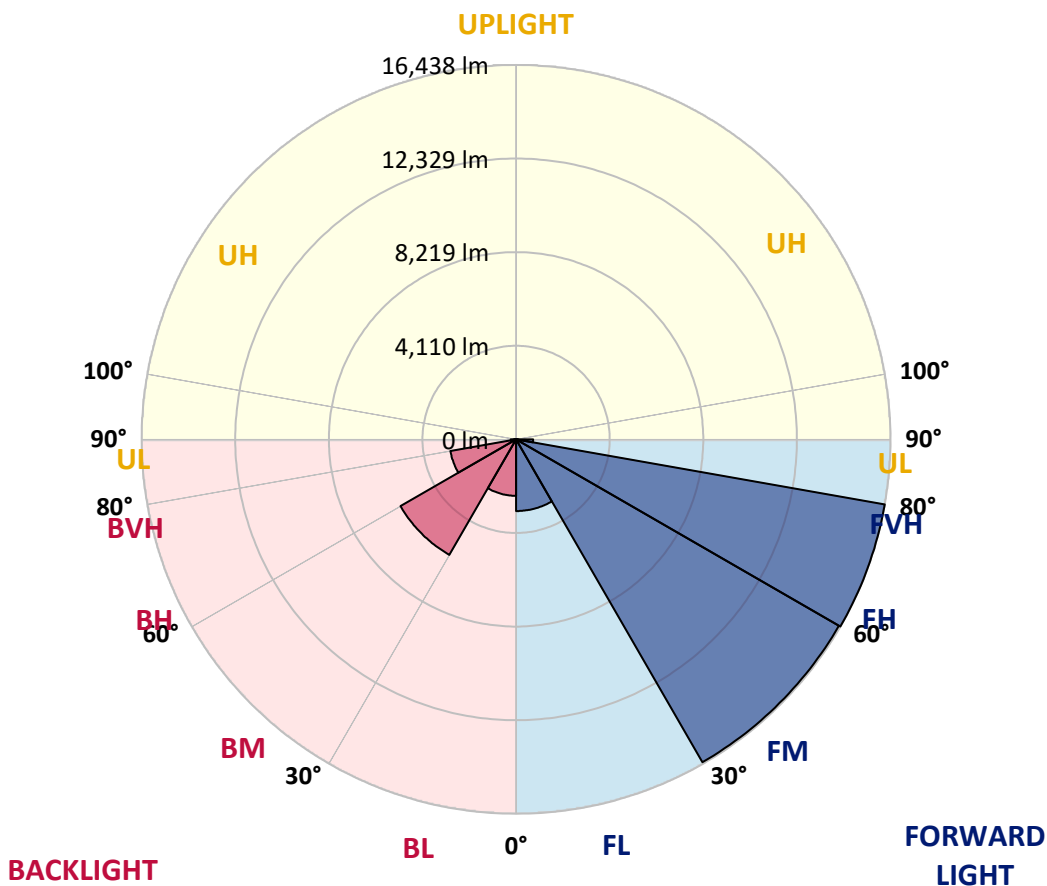
CATALOG NUMBER: GWS-SA6F-750-U-SLR-W

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3147.3	6.5			
FM (30°-60°)	16367.5	34.0			
FH (60°-80°)	16438.1	34.1			G5
FVH (80°-90°)	749.0	1.6			G4/750
BL (0°-30°)	2478.5	5.1	B3/2500		
BM (30°-60°)	5858.3	12.2	B4/8500		
BH (60°-80°)	2927.9	6.1	B4/5000		G4/5000
BVH (80°-90°)	237.8	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°	6397.7	6397.7	6397.7	6397.7	6397.7	6397.7	6397.7	6397.7	6397.7	6397.7	6397.7
2.5°	6875.8	6872.2	6941.5	7047.3	7145.9	7189.7	7262.7	7255.4	7197.0	7120.3	7094.8
5°	7415.9	7430.5	7551.0	7784.5	8043.7	8153.2	8200.6	8182.4	8076.5	7941.5	7704.3
7.5°	7905.0	7930.5	8116.7	8467.0	8788.2	8934.2	9051.0	9029.1	8875.8	8624.0	8273.6
10°	8262.6	8291.8	8514.5	8926.9	9284.5	9412.3	9561.9	9569.2	9434.2	9094.7	8737.1
12.5°	8620.3	8649.5	8857.5	9233.4	9467.0	9470.7	9558.2	9605.7	9613.0	9456.1	9098.4
15°	8992.6	9018.1	9207.9	9419.6	9408.6	9204.2	9204.2	9295.5	9496.2	9609.3	9361.2
17.5°	9310.1	9342.9	9488.9	9419.6	9094.7	8726.1	8682.3	8799.1	9149.5	9583.8	9558.2
20°	9572.8	9598.4	9678.7	9218.8	8627.6	8145.9	8061.9	8196.9	8671.4	9426.9	9707.9
22.5°	9824.7	9839.3	9795.5	8956.1	8124.0	7572.9	7470.7	7613.0	8124.0	9149.5	9835.6
25°	10123.9	10109.3	9901.3	8682.3	7664.1	7120.3	7014.5	7175.1	7707.9	8780.9	9974.3
27.5°	10470.6	10415.9	9992.5	8386.7	7310.1	6784.6	6711.6	6883.1	7379.4	8441.5	10083.8
30°	10766.3	10660.4	10007.1	8124.0	7127.6	6642.2	6598.4	6759.0	7218.9	8211.5	10222.5
32.5°	11094.7	10948.7	10091.1	8054.6	7229.8	6985.3	7043.7	7054.6	7262.7	8145.9	10430.5
35°	11565.5	11375.7	10321.0	8255.3	8280.9	8693.3	8905.0	8620.3	7923.2	8291.8	10824.6
37.5°	12277.2	12036.3	10788.1	9123.9	10452.4	11375.7	11886.7	11237.0	9930.5	8842.9	11419.5
40°	13142.1	12835.6	11386.7	10729.8	12481.6	13959.6	14868.4	13915.8	11996.2	10218.8	12255.3
42.5°	14350.1	14029.0	12547.2	12306.4	14361.1	16561.8	17747.9	16328.2	13817.3	11996.2	13594.7
45°	16455.9	16145.7	14674.9	13886.6	16561.8	19766.1	21430.3	19455.9	15667.6	13780.8	16098.3
47.5°	20346.4	19981.4	17835.5	15638.4	19072.7	23926.6	26255.1	23379.2	17591.0	15824.6	20302.6
50°	25017.8	24667.5	21802.6	17711.4	21846.4	28375.5	31612.6	27988.6	19806.3	18309.9	25328.1
52.5°	30638.2	30572.5	27463.1	20331.8	24733.2	33119.9	37557.8	33094.4	22233.2	21656.6	31021.4
55°	35703.8	36346.1	34652.7	24328.1	28463.1	39079.7	43670.8	38663.6	25525.1	27189.3	37689.2
57.5°	38433.7	40159.9	42762.1	32481.2	33886.3	46203.6	51214.5	45462.8	31182.0	36400.9	43871.6
60°	36630.8	38587.0	43302.2	38619.8	39265.8	51911.6	57440.7	51178.0	36736.6	42794.9	43521.2
62.5°	33630.9	35386.3	39579.7	35035.9	40097.9	53167.0	57586.7	52174.4	38944.6	39550.5	39313.2
65°	30072.5	31842.6	36284.1	30583.5	37452.0	50185.3	53338.6	49243.7	34977.5	35733.0	35820.6
67.5°	25346.3	26981.3	31503.1	27193.0	34138.1	45809.5	46816.8	45068.6	32211.2	33415.5	32156.4
70°	18937.7	20412.1	24404.7	22098.2	28776.9	40108.8	39295.0	39554.1	29105.4	30302.4	26860.9
72.5°	12941.4	14050.9	17474.2	17364.7	22036.1	32109.0	30974.0	33430.1	24309.8	25897.4	20477.8
75°	9051.0	9915.9	12631.2	13718.8	16656.7	23798.9	22058.0	25021.5	18985.1	21251.5	14941.4
77.5°	5554.7	6127.6	7978.0	10164.1	10715.2	16288.1	13700.5	18828.2	13331.9	15499.8	9967.0
80°	2777.3	3054.7	3875.9	6390.4	7105.7	9598.4	7565.6	10930.5	9021.8	9598.4	5514.5
82.5°	839.4	927.0	1135.0	2427.0	3682.4	5525.5	4470.7	6350.3	4926.9	4499.9	2171.5
85°	222.6	251.8	313.9	719.0	1292.0	1981.7	1510.9	3076.6	2361.3	1660.6	817.5
87.5°	18.2	18.2	14.6	14.6	7.3	0.0	0.0	219.0	441.6	251.8	142.3
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6397.7	6397.7	6397.7	6397.7	6397.7	6397.7	6397.7	6397.7	6397.7	6397.7	6397.7
2.5°	6967.0	6952.4	6802.8	6693.3	6565.6	6441.5	6313.8	6200.6	6072.9	5945.2	5908.7
5°	7529.1	7426.9	7109.4	6843.0	6580.2	6350.3	6149.5	5941.5	5773.6	5609.4	5547.4
7.5°	8025.4	7846.6	7386.7	6981.6	6616.7	6332.0	6036.4	5733.5	5496.3	5262.7	5204.3
10°	8474.3	8237.1	7656.8	7145.9	6740.8	6416.0	6069.2	5664.1	5321.1	5036.4	4959.8
12.5°	8806.4	8547.3	7890.4	7302.8	6843.0	6478.0	6134.9	5777.3	5416.0	5047.4	4963.4
15°	9069.2	8799.1	8083.8	7423.2	6846.6	6375.8	6043.7	5919.6	5806.5	5445.2	5291.9
17.5°	9280.9	8996.2	8251.7	7496.2	6748.1	6065.6	5777.3	5959.8	6248.1	6021.8	5733.5
20°	9474.3	9186.0	8379.4	7547.3	6529.1	5638.6	5478.0	5864.9	6299.2	6291.9	6032.8
22.5°	9686.0	9405.0	8565.6	7576.5	6222.5	5204.3	5299.2	5726.2	6080.2	6186.0	6025.5
25°	9956.0	9707.9	8824.7	7642.2	5875.8	4905.0	5167.8	5547.4	5843.0	5868.5	5773.6
27.5°	10269.9	10083.8	9211.5	7795.5	5540.1	4751.7	5014.5	5295.5	5565.6	5576.6	5463.4
30°	10613.0	10488.9	9569.2	7923.2	5288.2	4704.3	4817.4	5043.7	5215.2	5244.4	5145.9
32.5°	11050.9	10941.4	9886.7	7839.3	5138.6	4693.4	4635.0	4751.7	4894.1	4894.1	4817.4
35°	11653.1	11499.8	10222.5	7518.1	4956.1	4649.6	4441.5	4474.4	4536.4	4547.4	4503.6
37.5°	12507.1	12255.3	10561.9	6883.1	4656.9	4492.6	4218.9	4178.8	4200.7	4229.9	4218.9
40°	13565.5	13153.1	11058.2	6120.3	4299.2	4189.7	3989.0	3912.3	3894.1	3952.5	3974.4
42.5°	14897.6	14266.2	11591.1	5408.7	3974.4	3843.0	3718.9	3653.2	3624.0	3722.6	3781.0
45°	17025.3	15985.1	12102.0	4704.3	3791.9	3547.4	3463.4	3416.0	3430.6	3547.4	3620.4
47.5°	20700.4	18609.2	12587.4	4259.1	3777.3	3335.7	3233.5	3244.5	3284.6	3408.7	3496.3
50°	25350.0	22123.7	12912.2	4072.9	3821.1	3208.0	3072.9	3131.3	3193.4	3313.8	3416.0
52.5°	30083.5	25397.4	12525.3	3970.7	3817.5	3211.6	2923.3	3098.5	3127.7	3248.1	3357.6
55°	33338.9	25762.4	10821.0	3813.8	3759.1	3357.6	2806.5	3083.9	3102.1	3211.6	3310.2
57.5°	34579.7	24514.2	8251.7	3857.6	3583.9	3470.7	2755.4	2981.7	3113.1	3208.0	3310.2
60°	33079.8	22160.2	5014.5	3970.7	3302.9	3463.4	2788.3	2795.6	3021.8	3182.4	3284.6
62.5°	30251.3	19138.4	3521.8	3649.6	3098.5	3270.0	2864.9	2576.6	2861.3	3054.7	3145.9
65°	27010.5	15583.7	2686.1	3142.3	3000.0	2970.8	2890.5	2383.2	2642.3	2832.1	2912.4
67.5°	23634.7	12112.9	2182.4	2343.0	2711.6	2686.1	2642.3	2211.6	2383.2	2518.2	2609.4
70°	19382.9	8474.3	1843.0	1759.1	2324.8	2408.7	2310.2	1996.3	2051.1	2189.7	2262.7
72.5°	14178.6	5280.9	1514.6	1452.5	1868.6	2105.8	2054.7	1759.1	1784.6	1916.0	1974.4
75°	10196.9	3021.8	1215.3	1197.1	1427.0	1802.9	1700.7	1514.6	1543.8	1642.3	1682.5
77.5°	6481.6	1682.5	937.9	963.5	1021.9	1346.7	1452.5	1295.6	1295.6	1354.0	1386.8
80°	3470.7	963.5	686.1	697.1	715.3	1029.2	1146.0	1003.6	1003.6	963.5	1003.6
82.5°	1416.0	554.7	470.8	437.9	478.1	704.4	802.9	638.7	667.9	602.2	616.8
85°	467.1	277.4	233.6	229.9	226.3	310.2	386.9	317.5	379.6	240.9	251.8
87.5°	62.0	51.1	29.2	21.9	25.5	10.9	21.9	25.5	25.5	18.2	18.2
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	6397.7	6397.7	6397.7	6397.7	6397.7	6397.7	6397.7	6397.7	6397.7	6397.7	6397.7
2.5°	5883.1	5853.9	5748.1	5773.6	5755.4	5726.2	5755.4	5700.6	5744.4	5759.0	5850.3
5°	5499.9	5430.6	5328.4	5277.3	5266.3	5237.1	5240.8	5215.2	5222.5	5284.6	5386.8
7.5°	5156.9	5091.2	5010.9	4974.4	4941.5	4908.7	4905.0	4901.4	4930.6	4985.3	5083.9
10°	4908.7	4872.2	4839.3	4853.9	4839.3	4824.7	4799.2	4799.2	4846.6	4945.2	5065.6
12.5°	4908.7	4901.4	4908.7	4952.5	4948.8	4952.5	4919.6	4937.9	5069.3	5237.1	5408.7
15°	5171.5	5113.1	5113.1	5135.0	5127.7	5127.7	5127.7	5204.3	5503.6	5762.7	5945.2
17.5°	5492.6	5321.1	5248.1	5237.1	5233.5	5233.5	5248.1	5412.3	5879.5	6153.2	6259.0
20°	5715.2	5390.4	5270.0	5222.5	5226.2	5233.5	5277.3	5503.6	6018.2	6156.8	6131.3
22.5°	5755.4	5335.7	5189.7	5120.4	5131.3	5138.6	5204.3	5445.2	5828.4	5850.3	5799.2
25°	5569.3	5182.4	5025.5	4970.7	4985.3	4981.7	5040.1	5215.2	5489.0	5481.7	5452.5
27.5°	5291.9	4937.9	4821.1	4784.6	4810.1	4780.9	4799.2	4934.2	5145.9	5138.6	5127.7
30°	5007.2	4700.7	4594.8	4576.6	4609.4	4565.6	4569.3	4682.4	4828.4	4821.1	4817.4
32.5°	4722.6	4463.4	4368.5	4368.5	4401.4	4353.9	4361.2	4459.8	4558.3	4529.1	4529.1
35°	4452.5	4270.0	4193.4	4178.8	4204.3	4171.5	4186.1	4277.3	4313.8	4273.7	4248.1
37.5°	4215.3	4135.0	4058.3	4007.2	4010.9	4014.5	4058.3	4127.7	4105.8	4047.4	4014.5
40°	3996.3	3996.3	3923.3	3828.4	3817.5	3843.0	3916.0	3992.6	3930.6	3864.9	3824.8
42.5°	3839.4	3872.2	3802.9	3708.0	3686.1	3729.9	3810.2	3864.9	3791.9	3718.9	3664.2
45°	3693.4	3773.7	3726.2	3620.4	3591.2	3642.3	3744.5	3766.4	3667.8	3598.5	3558.3
47.5°	3591.2	3700.7	3667.8	3565.6	3521.8	3594.8	3700.7	3697.0	3572.9	3499.9	3467.1
50°	3518.2	3656.9	3653.2	3565.6	3518.2	3609.4	3704.3	3656.9	3521.8	3445.2	3412.4
52.5°	3459.8	3653.2	3678.8	3627.7	3594.8	3675.1	3733.5	3642.3	3485.3	3405.1	3379.5
55°	3434.3	3667.8	3686.1	3638.6	3609.4	3682.4	3733.5	3671.5	3485.3	3412.4	3390.5
57.5°	3441.6	3649.6	3653.2	3587.5	3536.4	3627.7	3708.0	3689.7	3525.5	3441.6	3416.0
60°	3397.8	3551.0	3558.3	3456.1	3397.8	3507.2	3649.6	3638.6	3507.2	3419.7	3372.2
62.5°	3251.8	3386.8	3390.5	3295.6	3211.6	3368.6	3525.5	3521.8	3401.4	3313.8	3259.1
65°	3007.3	3149.6	3186.1	3094.8	3029.1	3197.0	3361.3	3354.0	3233.5	3153.2	3098.5
67.5°	2704.3	2857.6	2927.0	2864.9	2839.4	2992.7	3145.9	3142.3	3043.7	2967.1	2919.7
70°	2335.7	2463.5	2580.3	2580.3	2562.0	2737.2	2901.4	2886.8	2795.6	2737.2	2700.7
72.5°	2029.2	2127.7	2164.2	2200.7	2255.4	2437.9	2576.6	2587.6	2521.9	2492.7	2521.9
75°	1726.2	1788.3	1821.1	1791.9	1886.8	2076.6	2259.1	2277.3	2208.0	2160.5	2171.5
77.5°	1419.7	1489.0	1521.9	1456.2	1448.9	1689.8	1912.4	1952.5	1894.1	1821.1	1843.0
80°	1025.5	1116.8	1171.5	1127.7	1113.1	1219.0	1525.5	1569.3	1514.6	1456.2	1489.0
82.5°	627.7	678.8	693.4	737.2	828.5	872.2	981.7	1127.7	1087.6	1036.5	1127.7
85°	248.2	295.6	328.5	372.3	434.3	514.6	605.8	722.6	656.9	635.0	748.2
87.5°	14.6	3.6	0.0	7.3	62.0	120.4	259.1	357.7	299.3	321.2	386.9
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°	359°	360°
0°	6397.7	6397.7	6397.7	6397.7	6397.7	6397.7	6397.7	6397.7	6397.7	6397.7
2.5°	5923.3	6018.2	6145.9	6251.7	6386.8	6514.5	6645.9	6777.3	6846.6	6875.8
5°	5503.6	5678.7	5883.1	6109.4	6372.2	6649.5	6930.5	7218.9	7401.3	7415.9
7.5°	5251.7	5503.6	5784.6	6069.2	6394.1	6777.3	7222.5	7667.8	7853.9	7905.0
10°	5332.0	5613.0	5835.7	6102.1	6459.8	6937.8	7463.4	7985.3	8200.6	8262.6
12.5°	5653.2	5707.9	5777.3	6021.8	6459.8	7076.5	7711.6	8332.0	8561.9	8620.3
15°	5919.6	5656.8	5532.8	5791.9	6372.2	7197.0	7974.3	8660.4	8937.8	8992.6
17.5°	5941.5	5489.0	5218.9	5452.5	6218.9	7280.9	8226.1	9025.4	9259.0	9310.1
20°	5718.9	5310.1	4959.8	5102.1	6010.9	7317.4	8408.6	9291.8	9521.7	9572.8
22.5°	5467.1	5164.2	4784.6	4777.3	5759.0	7357.5	8627.6	9543.6	9791.8	9824.7
25°	5229.8	4963.4	4642.3	4540.1	5467.1	7434.2	8923.2	9923.2	10113.0	10123.9
27.5°	4952.5	4748.1	4529.1	4430.6	5211.6	7580.2	9361.2	10375.7	10488.9	10470.6
30°	4700.7	4547.4	4448.8	4419.6	5051.0	7689.7	9777.2	10821.0	10828.3	10766.3
32.5°	4434.2	4375.8	4375.8	4470.7	4919.6	7664.1	10116.6	11255.3	11186.0	11094.7
35°	4197.0	4208.0	4284.6	4507.2	4700.7	7408.6	10441.4	11799.1	11696.9	11565.5
37.5°	3970.7	4054.7	4164.2	4379.5	4412.3	7029.1	10821.0	12569.1	12441.4	12277.2
40°	3777.3	3905.0	4032.8	4138.6	4105.8	6488.9	11350.2	13474.2	13331.9	13142.1
42.5°	3624.0	3748.1	3890.4	3901.4	3912.3	5926.9	11912.2	14583.7	14558.2	14350.1
45°	3525.5	3605.8	3740.8	3722.6	3901.4	5306.5	12430.5	16277.1	16612.9	16455.9
47.5°	3459.8	3521.8	3536.4	3613.1	3996.3	4751.7	13098.3	19590.9	20525.2	20346.4
50°	3423.3	3485.3	3321.1	3620.4	4010.9	4394.1	14021.7	23751.4	25255.1	25017.8
52.5°	3419.7	3405.1	3156.9	3697.0	3930.6	4175.1	14503.4	26787.9	30123.6	30638.2
55°	3427.0	3244.5	3072.9	3718.9	3770.0	4094.8	12890.3	28247.7	34616.2	35703.8
57.5°	3361.3	3069.3	3120.4	3631.3	3467.1	4310.2	9529.0	27725.8	36411.8	38433.7
60°	3237.2	2901.4	3208.0	3394.1	3156.9	3941.5	6561.9	25397.4	34550.5	36630.8
62.5°	3058.3	2784.6	3197.0	3087.5	3043.7	3226.2	4510.9	22138.3	31598.0	33630.9
65°	2857.6	2689.7	3025.5	2791.9	2817.5	2481.7	3189.7	18459.6	28072.5	30072.5
67.5°	2642.3	2631.3	2773.7	2485.4	2379.5	1967.1	2324.8	14795.4	23543.4	25346.3
70°	2397.8	2478.1	2521.9	2208.0	1930.6	1543.8	1726.2	10346.6	17368.3	18937.7
72.5°	2153.3	2160.5	2222.6	1919.7	1445.2	1237.2	1295.6	6266.3	11799.1	12941.4
75°	1905.1	1835.7	1894.1	1562.0	1076.6	1014.6	1000.0	3872.2	8149.5	9051.0
77.5°	1638.7	1562.0	1485.4	1175.2	864.9	784.7	766.4	2171.5	4999.9	5554.7
80°	1332.1	1229.9	1109.5	861.3	631.4	562.0	558.4	1058.4	2492.7	2777.3
82.5°	1036.5	843.1	810.2	536.5	390.5	343.1	365.0	405.1	751.8	839.4
85°	726.3	613.1	430.7	215.3	175.2	142.3	138.7	120.4	200.7	222.6
87.5°	405.1	266.4	138.7	25.5	29.2	32.8	25.5	18.2	18.2	18.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)