

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: P642664

Luminaire Tested: GWS-SA6D-735-U-SLR-W-GRSWH

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P642664  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-43)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 1/10/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: McGRAW-EDISON  
Catalog Number: GWS-SA6D-735-U-SLR-W-GRSWH  
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH  
Light Source: (96) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 27642.5 lumens  
Efficiency: N/A  
Efficacy: 112.5 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B4 - U0 - G3  
  
Input Watts (W): 245.7  
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

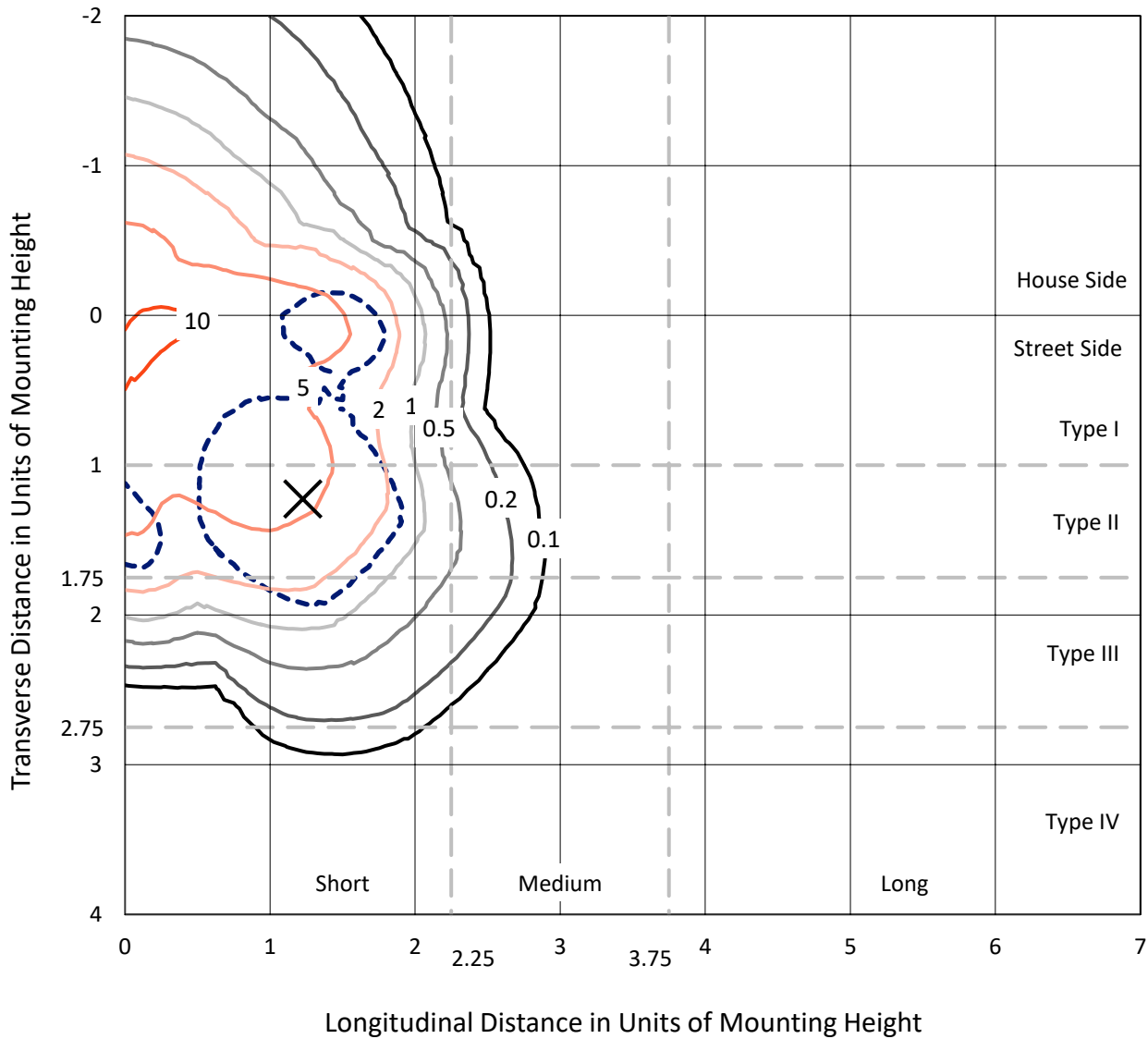


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### Iso-Footcandle Lines of Horizontal Illumination

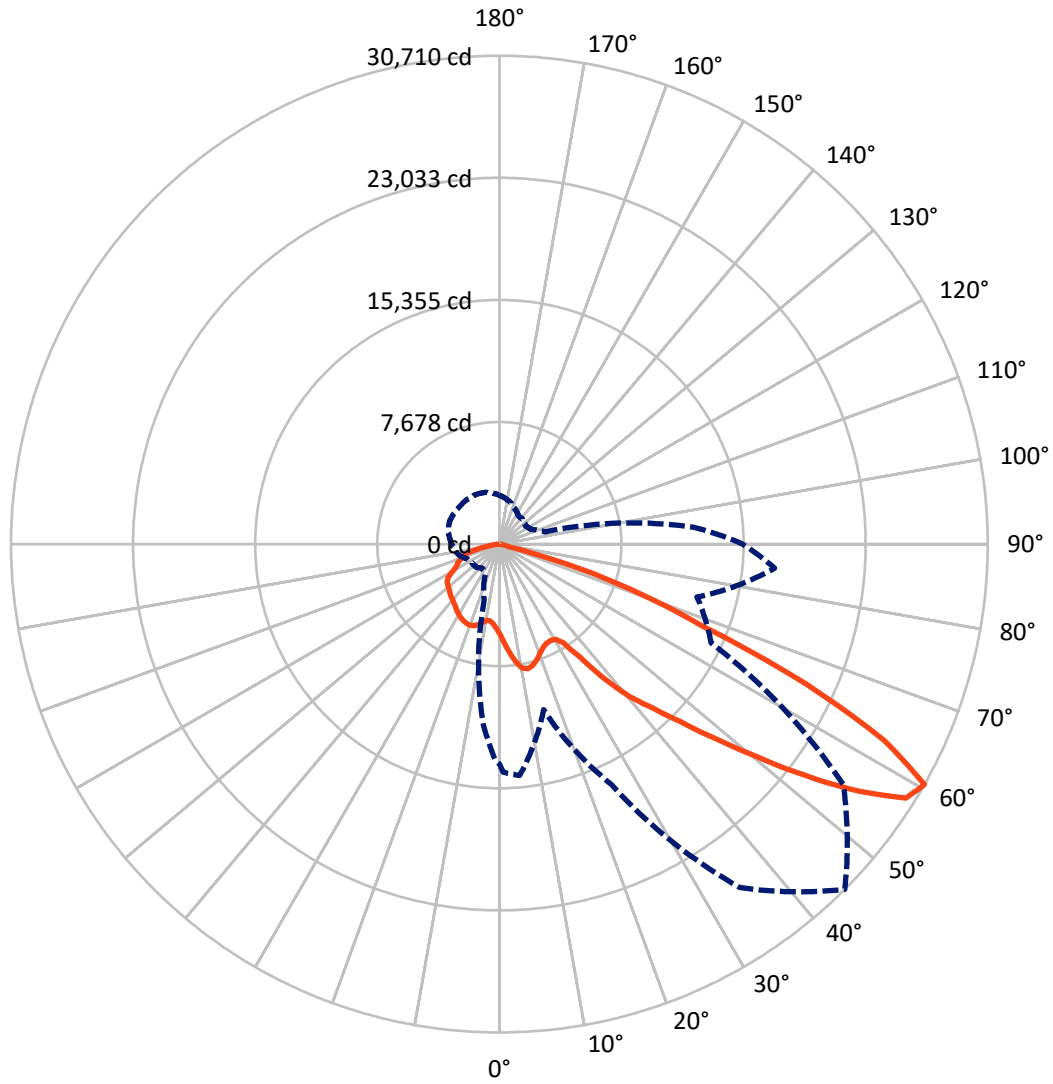
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.1 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral    - - - Horizontal Cone Through 60-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	9689.7	0.0	9689.7
	% Fixture	35.1	0.0	35.1
<b>Street Side</b>	Lumens	17952.8	0.0	17952.8
	% Fixture	64.9	0.0	64.9
<b>Total</b>	Lumens	27642.5	0.0	27642.5
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	554.0	2.0
10°-20°	1750.8	6.3
20°-30°	2843.9	10.3
30°-40°	4010.8	14.5
40°-50°	5542.8	20.1
50°-60°	7135.2	25.8
60°-70°	4520.9	16.4
70°-80°	1160.1	4.2
80°-90°	124.1	0.4
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°	27642.5	100.0
0°-180°	27642.5	100.0

**Coefficient of Utilization**



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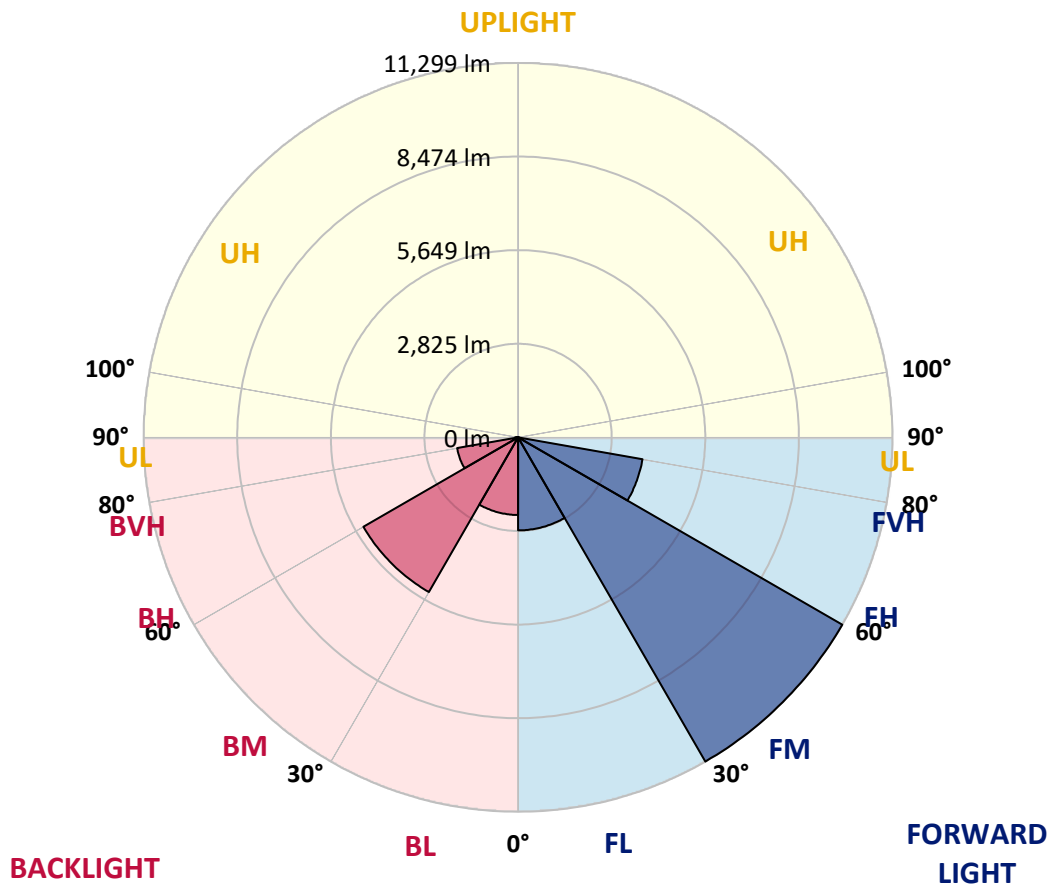
CATALOG NUMBER: GWS-SA6D-735-U-SLR-W-GRSWH

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2806.8	10.2			
FM (30°-60°)	11298.7	40.9			
FH (60°-80°)	3813.7	13.8			G2/5000
FVH (80°-90°)	33.7	0.1			G1/100
BL (0°-30°)	2342.0	8.5	B3/2500		
BM (30°-60°)	5390.1	19.5	B4/8500		
BH (60°-80°)	1867.3	6.8	B3/2500		G3/2500
BVH (80°-90°)	90.4	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G3**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5678.6	5678.6	5678.6	5678.6	5678.6	5678.6	5678.6	5678.6	5678.6	5678.6	5678.6
2.5°	5939.5	5980.0	6005.3	6053.4	6139.6	6187.7	6240.9	6182.6	6197.8	6190.2	6096.5
5°	6291.5	6339.6	6405.5	6547.3	6706.9	6795.6	6879.1	6866.5	6788.0	6656.2	6562.5
7.5°	6620.8	6676.5	6790.5	7021.0	7256.5	7393.3	7494.6	7428.8	7362.9	7155.2	6919.7
10°	6879.1	6912.1	7066.6	7375.6	7649.1	7803.6	7927.7	7912.5	7821.3	7588.3	7271.7
12.5°	7122.3	7145.1	7312.2	7621.3	7866.9	7935.3	8036.6	8069.6	8039.2	7864.4	7552.9
15°	7383.2	7426.2	7580.7	7816.3	7927.7	7856.8	7892.3	7983.4	8069.6	8069.6	7783.4
17.5°	7626.3	7664.3	7821.3	7922.7	7816.3	7628.9	7639.0	7755.5	7960.6	8175.9	7993.6
20°	7841.6	7877.1	8031.6	7935.3	7598.5	7324.9	7317.3	7459.2	7791.0	8244.3	8219.0
22.5°	8077.2	8127.8	8257.0	7945.5	7395.8	7048.8	7046.3	7193.2	7641.5	8312.7	8477.3
25°	8411.5	8490.0	8555.9	8034.1	7286.9	6869.0	6901.9	7041.2	7593.4	8424.2	8859.8
27.5°	8907.9	8971.2	8966.2	8219.0	7281.9	6795.6	6863.9	7026.0	7679.5	8621.7	9262.5
30°	9444.9	9477.8	9424.6	8477.3	7398.4	6841.1	6942.5	7135.0	7897.3	8948.4	9855.2
32.5°	10040.1	10080.6	9979.3	8864.9	7669.4	7178.0	7400.9	7494.6	8203.8	9419.6	10483.3
35°	10724.0	10802.5	10592.2	9376.5	8467.2	8406.4	8730.6	8609.1	8854.7	9976.8	11154.5
37.5°	11443.3	11445.8	11144.4	10133.8	10032.5	10136.3	10784.7	10404.8	10235.1	10597.3	11838.4
40°	12053.7	12038.5	11575.0	11154.5	11395.2	11808.0	12590.6	12008.1	11562.3	11430.6	12405.7
42.5°	12664.1	12608.4	12139.8	11802.9	12334.8	13183.3	14067.3	13353.0	12413.3	12187.9	12965.5
45°	13444.2	13426.5	12861.7	12061.3	13183.3	14723.3	15896.0	14738.5	12917.4	12628.6	13897.6
47.5°	14703.0	14616.9	13565.8	12041.0	13978.6	16774.9	18256.6	16483.6	13269.4	12638.8	15402.1
50°	15934.0	15827.6	14406.7	12038.5	14799.3	18902.4	21042.7	18603.6	13629.1	12699.6	16931.9
52.5°	17177.6	17177.6	15787.1	12324.7	15660.4	21278.2	24261.9	21245.3	14242.0	13494.9	18813.8
55°	17917.2	18114.7	17339.7	12808.5	16668.5	24074.4	27445.6	24097.2	15189.3	14931.0	20551.3
57.5°	16977.5	17347.3	17235.8	12471.6	17263.7	26128.6	30145.6	26260.3	15657.9	15100.7	20290.4
60°	13834.3	14348.4	14604.2	10769.5	16676.1	26366.6	30710.4	26402.1	14690.3	12859.1	17380.2
62.5°	9196.7	9619.6	10009.7	7694.7	14437.1	23719.8	27161.9	23727.4	12269.0	9596.9	12041.0
65°	4511.0	4825.0	5245.5	4548.9	11278.6	19819.3	21176.9	19173.4	8875.0	5372.1	6142.1
67.5°	1180.3	1268.9	1327.2	1765.4	8079.7	14239.5	13811.5	14024.2	5701.4	1755.2	1605.8
70°	612.9	618.0	615.5	729.5	5460.8	9049.8	9518.3	8806.6	3979.1	734.5	633.2
72.5°	438.2	440.7	433.1	491.4	2636.7	5184.7	5372.1	5313.9	2084.5	435.6	433.1
75°	286.2	288.7	283.7	288.7	397.7	590.1	544.6	572.4	347.0	276.1	276.1
77.5°	169.7	172.2	169.7	174.8	169.7	169.7	157.0	157.0	149.4	149.4	152.0
80°	114.0	114.0	111.4	116.5	106.4	106.4	101.3	98.8	91.2	88.6	88.6
82.5°	68.4	70.9	68.4	68.4	63.3	63.3	58.3	55.7	48.1	48.1	45.6
85°	35.5	35.5	32.9	32.9	27.9	25.3	20.3	20.3	15.2	12.7	12.7
87.5°	5.1	5.1	2.5	2.5	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	0.0



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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5678.6	5678.6	5678.6	5678.6	5678.6	5678.6	5678.6	5678.6	5678.6	5678.6	5678.6
2.5°	6071.2	6020.5	5944.5	5871.1	5802.7	5731.8	5650.7	5567.1	5496.2	5422.8	5384.8
5°	6438.4	6334.6	6137.0	5962.3	5805.2	5676.0	5536.7	5417.7	5306.3	5215.1	5169.5
7.5°	6770.2	6608.1	6309.3	6033.2	5820.4	5643.1	5450.6	5273.3	5123.9	5012.4	4969.4
10°	7076.7	6884.2	6491.6	6142.1	5893.9	5696.3	5460.8	5220.1	5022.6	4875.7	4840.2
12.5°	7324.9	7104.6	6636.0	6230.7	5936.9	5724.2	5516.5	5308.8	5113.8	4923.8	4893.4
15°	7545.3	7284.4	6744.9	6286.5	5921.7	5650.7	5476.0	5450.6	5450.6	5235.3	5174.5
17.5°	7735.2	7449.0	6833.5	6311.8	5825.5	5432.9	5326.5	5546.9	5795.1	5640.6	5503.8
20°	7953.1	7606.1	6907.0	6311.8	5648.2	5156.8	5146.7	5521.5	5888.8	5891.3	5747.0
22.5°	8173.4	7788.4	6993.1	6289.0	5405.0	4837.7	5025.1	5420.2	5747.0	5886.3	5787.5
25°	8530.5	8041.7	7129.9	6271.3	5121.4	4619.9	4916.2	5286.0	5562.1	5709.0	5645.7
27.5°	8983.9	8376.0	7337.6	6299.1	4840.2	4490.7	4799.7	5111.2	5362.0	5491.2	5445.6
30°	9490.5	8761.0	7560.5	6347.2	4637.6	4424.8	4660.4	4911.1	5134.0	5263.2	5242.9
32.5°	10136.3	9178.9	7753.0	6281.4	4523.6	4391.9	4513.5	4693.3	4908.6	4989.7	5007.4
35°	10908.9	9639.9	7899.9	6023.0	4419.8	4356.4	4353.9	4465.4	4617.3	4746.5	4759.2
37.5°	11620.6	10179.4	8062.0	5579.8	4232.3	4267.8	4166.5	4232.3	4381.8	4511.0	4561.6
40°	12324.7	10726.5	8287.4	5015.0	3986.7	4070.2	3951.2	3996.8	4115.8	4285.5	4366.6
42.5°	13008.6	11220.4	8525.5	4437.5	3741.0	3794.2	3705.5	3751.1	3875.2	4088.0	4179.2
45°	13753.2	11889.1	8710.4	3892.9	3528.2	3505.4	3434.5	3500.4	3687.8	3920.8	4029.7
47.5°	15161.5	12942.7	8831.9	3530.7	3414.2	3249.6	3168.6	3310.4	3523.2	3758.7	3890.4
50°	16881.2	14467.5	8796.5	3300.3	3315.5	2986.2	2958.3	3145.8	3373.7	3619.4	3763.8
52.5°	18243.9	15964.4	8393.8	3079.9	3123.0	2819.0	2738.0	3011.5	3229.3	3480.1	3629.5
55°	19284.9	16468.4	7157.7	2819.0	2808.9	2697.5	2527.8	2872.2	3085.0	3318.0	3480.1
57.5°	18436.4	15346.3	5306.3	2459.4	2398.6	2456.8	2292.2	2636.7	2907.7	3138.2	3282.5
60°	15300.8	12236.0	2955.8	2178.2	2006.0	2147.8	2122.5	2388.4	2715.2	2958.3	3082.4
62.5°	10387.1	8148.1	1752.7	1722.3	1626.1	1828.7	1962.9	2137.7	2459.4	2656.9	2773.4
65°	5177.1	3958.8	1165.1	1289.2	1301.9	1504.5	1757.8	1950.3	2218.7	2421.4	2537.9
67.5°	1502.0	1230.9	886.5	985.3	1122.0	1284.1	1486.8	1714.7	1975.6	2216.2	2353.0
70°	648.4	656.0	704.1	820.6	954.9	1122.0	1324.7	1547.6	1767.9	1952.8	2056.6
72.5°	458.4	476.2	529.4	648.4	775.0	934.6	1137.2	1352.5	1512.1	1699.5	1808.4
75°	293.8	306.5	349.5	440.7	534.4	688.9	881.4	1079.0	1243.6	1377.9	1481.7
77.5°	162.1	164.6	200.1	253.3	316.6	415.4	557.2	711.7	833.3	909.3	1003.0
80°	93.7	93.7	111.4	144.4	182.4	243.2	321.7	397.7	471.1	519.2	564.8
82.5°	50.7	50.7	58.3	78.5	98.8	134.2	179.8	217.8	263.4	288.7	319.1
85°	15.2	15.2	20.3	27.9	35.5	50.7	70.9	91.2	111.4	129.2	146.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5678.6	5678.6	5678.6	5678.6	5678.6	5678.6	5678.6	5678.6	5678.6	5678.6	5678.6
2.5°	5377.2	5341.7	5321.5	5296.1	5303.7	5280.9	5268.3	5275.9	5230.3	5275.9	5321.5
5°	5151.8	5101.1	5060.6	5027.6	5012.4	4982.1	4964.3	4964.3	4936.5	4982.1	5037.8
7.5°	4954.2	4913.7	4893.4	4873.1	4850.3	4822.5	4792.1	4782.0	4764.2	4812.4	4860.5
10°	4822.5	4827.6	4840.2	4868.1	4863.0	4845.3	4799.7	4774.4	4774.4	4830.1	4903.5
12.5°	4883.3	4936.5	4966.9	5017.5	5027.6	5012.4	4966.9	4946.6	4997.3	5080.8	5202.4
15°	5118.8	5154.3	5179.6	5220.1	5217.6	5204.9	5169.5	5184.7	5351.8	5513.9	5622.9
17.5°	5374.6	5334.1	5329.1	5354.4	5362.0	5346.8	5326.5	5394.9	5671.0	5823.0	5878.7
20°	5559.5	5420.2	5389.8	5400.0	5420.2	5412.6	5412.6	5524.1	5810.3	5881.2	5810.3
22.5°	5615.3	5417.7	5372.1	5374.6	5402.5	5405.0	5417.7	5534.2	5701.4	5703.9	5595.0
25°	5526.6	5336.6	5303.7	5308.8	5341.7	5339.2	5344.2	5410.1	5483.6	5453.2	5372.1
27.5°	5359.4	5194.8	5184.7	5212.5	5255.6	5232.8	5217.6	5235.3	5270.8	5232.8	5161.9
30°	5169.5	5030.2	5035.2	5088.4	5134.0	5096.0	5058.0	5068.2	5070.7	5030.2	4949.1
32.5°	4969.4	4865.5	4883.3	4939.0	4992.2	4951.7	4911.1	4906.1	4857.9	4809.8	4731.3
35°	4769.3	4728.8	4751.6	4797.2	4842.7	4809.8	4784.5	4769.3	4665.5	4594.5	4528.7
37.5°	4586.9	4617.3	4657.9	4685.7	4700.9	4698.4	4683.2	4647.7	4511.0	4427.4	4341.3
40°	4424.8	4518.5	4561.6	4574.3	4597.1	4592.0	4589.5	4538.8	4359.0	4270.3	4171.6
42.5°	4277.9	4409.6	4483.1	4495.8	4508.4	4511.0	4503.4	4429.9	4224.7	4120.9	4027.2
45°	4136.1	4308.3	4402.0	4389.4	4407.1	4407.1	4414.7	4318.5	4093.0	3986.7	3887.9
47.5°	4012.0	4214.6	4300.7	4285.5	4295.7	4303.3	4310.9	4199.4	3948.7	3847.4	3746.0
50°	3898.0	4113.3	4186.7	4191.8	4191.8	4209.5	4207.0	4098.1	3827.1	3718.2	3616.9
52.5°	3776.4	4009.5	4088.0	4120.9	4131.0	4138.6	4103.2	3976.5	3703.0	3571.3	3477.6
55°	3634.6	3903.1	3974.0	4017.1	4037.3	4032.2	3984.1	3855.0	3576.3	3444.6	3338.3
57.5°	3419.3	3675.1	3776.4	3796.7	3829.6	3809.4	3753.6	3644.7	3373.7	3242.0	3133.1
60°	3183.8	3368.6	3449.7	3467.4	3442.1	3449.7	3442.1	3338.3	3102.7	2998.9	2887.4
62.5°	2874.7	3039.4	3125.5	3148.3	3105.2	3133.1	3123.0	2993.8	2758.2	2649.3	2550.5
65°	2641.7	2821.6	2922.9	2935.5	2922.9	2935.5	2900.1	2743.0	2520.2	2408.7	2307.4
67.5°	2459.4	2644.3	2750.6	2786.1	2773.4	2770.9	2715.2	2532.8	2302.3	2180.8	2051.6
70°	2145.3	2307.4	2444.2	2530.3	2530.3	2482.2	2375.8	2206.1	2021.2	1917.3	1816.0
72.5°	1899.6	2104.8	2239.0	2327.7	2345.4	2317.5	2168.1	1988.3	1775.5	1671.7	1565.3
75°	1565.3	1765.4	1909.7	2026.3	2049.1	2018.7	1846.4	1669.1	1471.6	1370.3	1263.9
77.5°	1046.1	1165.1	1281.6	1388.0	1365.2	1385.5	1268.9	1134.7	1013.1	937.1	889.0
80°	590.1	668.7	704.1	762.4	762.4	762.4	686.4	623.1	554.7	511.6	463.5
82.5°	334.3	385.0	400.2	448.3	461.0	463.5	412.8	372.3	329.3	306.5	273.5
85°	154.5	182.4	184.9	212.8	222.9	243.2	220.4	192.5	167.2	157.0	136.8
87.5°	5.1	15.2	20.3	38.0	50.7	58.3	63.3	63.3	53.2	48.1	40.5
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°	359°	360°
0°	5678.6	5678.6	5678.6	5678.6	5678.6	5678.6	5678.6	5678.6	5678.6	5678.6
2.5°	5377.2	5438.0	5508.9	5559.5	5650.7	5726.7	5805.2	5891.3	5954.7	5939.5
5°	5106.2	5207.5	5336.6	5455.7	5625.4	5797.6	5987.6	6182.6	6296.6	6291.5
7.5°	4954.2	5098.6	5255.6	5415.2	5615.3	5863.5	6154.7	6458.7	6613.2	6620.8
10°	5035.2	5189.7	5296.1	5430.4	5640.6	5952.1	6301.7	6666.4	6843.7	6879.1
12.5°	5291.1	5278.4	5270.8	5367.0	5620.3	6015.4	6443.5	6879.1	7079.2	7122.3
15°	5534.2	5273.3	5116.3	5182.1	5529.1	6056.0	6582.8	7112.2	7337.6	7383.2
17.5°	5579.8	5184.7	4893.4	4939.0	5384.8	6068.6	6717.0	7340.1	7583.3	7626.3
20°	5453.2	5070.7	4731.3	4668.0	5202.4	6035.7	6800.6	7530.1	7796.0	7841.6
22.5°	5293.6	4969.4	4609.7	4445.1	4979.5	6002.8	6894.3	7730.2	8036.6	8077.2
25°	5126.4	4840.2	4495.8	4245.0	4726.2	5982.5	7051.4	7993.6	8363.4	8411.5
27.5°	4949.1	4683.2	4397.0	4148.8	4493.2	6007.8	7274.3	8419.1	8839.5	8907.9
30°	4759.2	4526.1	4333.7	4115.8	4333.7	6030.6	7519.9	8854.7	9348.6	9444.9
32.5°	4561.6	4381.8	4267.8	4131.0	4234.9	5977.5	7735.2	9343.6	9956.5	10040.1
35°	4364.0	4234.9	4184.2	4158.9	4103.2	5782.4	7910.0	9837.5	10650.5	10724.0
37.5°	4179.2	4082.9	4067.7	4095.6	3900.5	5463.3	8112.6	10465.6	11331.8	11443.3
40°	4006.9	3918.3	3915.7	3910.7	3677.7	5027.6	8386.2	11103.9	12003.0	12053.7
42.5°	3847.4	3735.9	3756.2	3695.4	3495.3	4556.5	8644.5	11648.4	12628.6	12664.1
45°	3705.5	3558.6	3581.4	3505.4	3409.2	4062.6	8872.5	12291.8	13421.4	13444.2
47.5°	3568.7	3411.7	3348.4	3343.3	3394.0	3606.7	9095.4	13530.3	14662.5	14703.0
50°	3442.1	3272.4	3092.6	3204.0	3300.3	3264.8	9374.0	14857.5	15944.1	15934.0
52.5°	3320.5	3097.6	2841.8	3057.1	3057.1	3011.5	9295.4	15663.0	17002.8	17177.6
55°	3181.2	2816.5	2580.9	2811.4	2700.0	2783.6	7904.9	15926.4	17668.9	17917.2
57.5°	2905.1	2469.5	2264.3	2388.4	2221.3	2580.9	5678.6	14619.4	16536.8	16977.5
60°	2639.2	2213.7	2079.4	2056.6	1838.8	2104.8	3680.2	11445.8	13611.4	13834.3
62.5°	2327.7	1993.3	1879.4	1704.6	1479.2	1532.4	2228.9	7532.6	9146.0	9196.7
65°	2092.1	1805.9	1588.1	1380.4	1210.7	1111.9	1317.1	3632.1	4571.7	4511.0
67.5°	1795.8	1547.6	1339.9	1190.4	1051.1	927.0	876.4	1079.0	1220.8	1180.3
70°	1598.2	1360.1	1160.0	1018.2	889.0	764.9	676.3	635.7	623.1	612.9
72.5°	1377.9	1170.2	962.5	825.7	704.1	590.1	509.1	461.0	448.3	438.2
75°	1099.2	904.2	714.3	585.1	478.7	397.7	344.5	303.9	296.3	286.2
77.5°	726.9	580.0	425.5	347.0	283.7	240.6	205.2	179.8	174.8	169.7
80°	400.2	334.3	260.9	210.2	169.7	146.9	134.2	119.0	116.5	114.0
82.5°	238.1	200.1	149.4	119.0	98.8	88.6	81.1	73.5	70.9	68.4
85°	119.0	93.7	65.9	55.7	50.7	45.6	45.6	38.0	35.5	35.5
87.5°	30.4	25.3	15.2	12.7	12.7	12.7	10.1	7.6	7.6	5.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)