

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: P643212

Luminaire Tested: GWS-SA6E-740-U-SLL-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P643212
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-SAGE-740-U-SLL-W
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR LEFT OPTICS
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 41955 lumens
Efficiency: N/A
Efficacy: 129.6 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B4 - U0 - G5

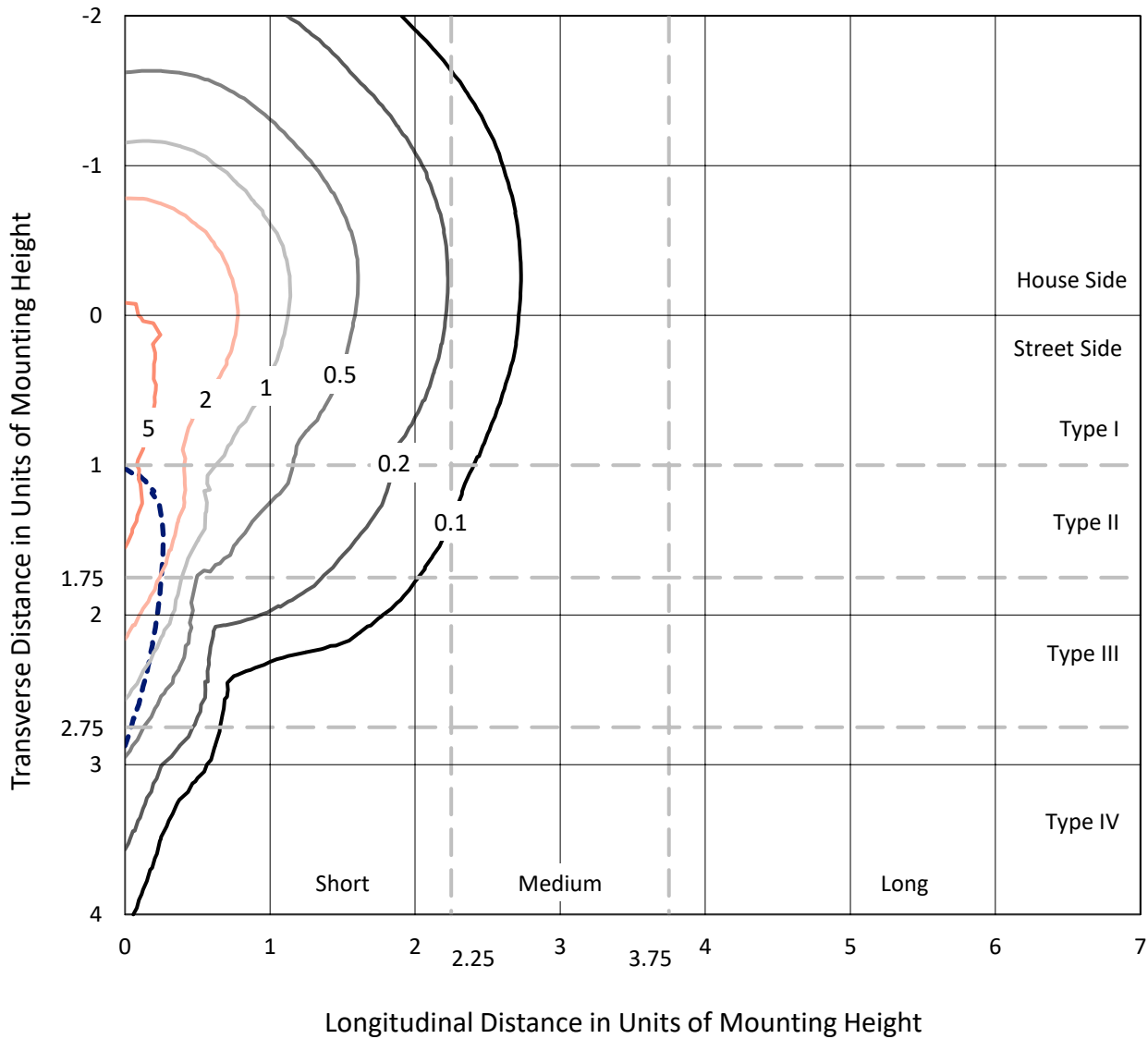
Input Watts (W): 323.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

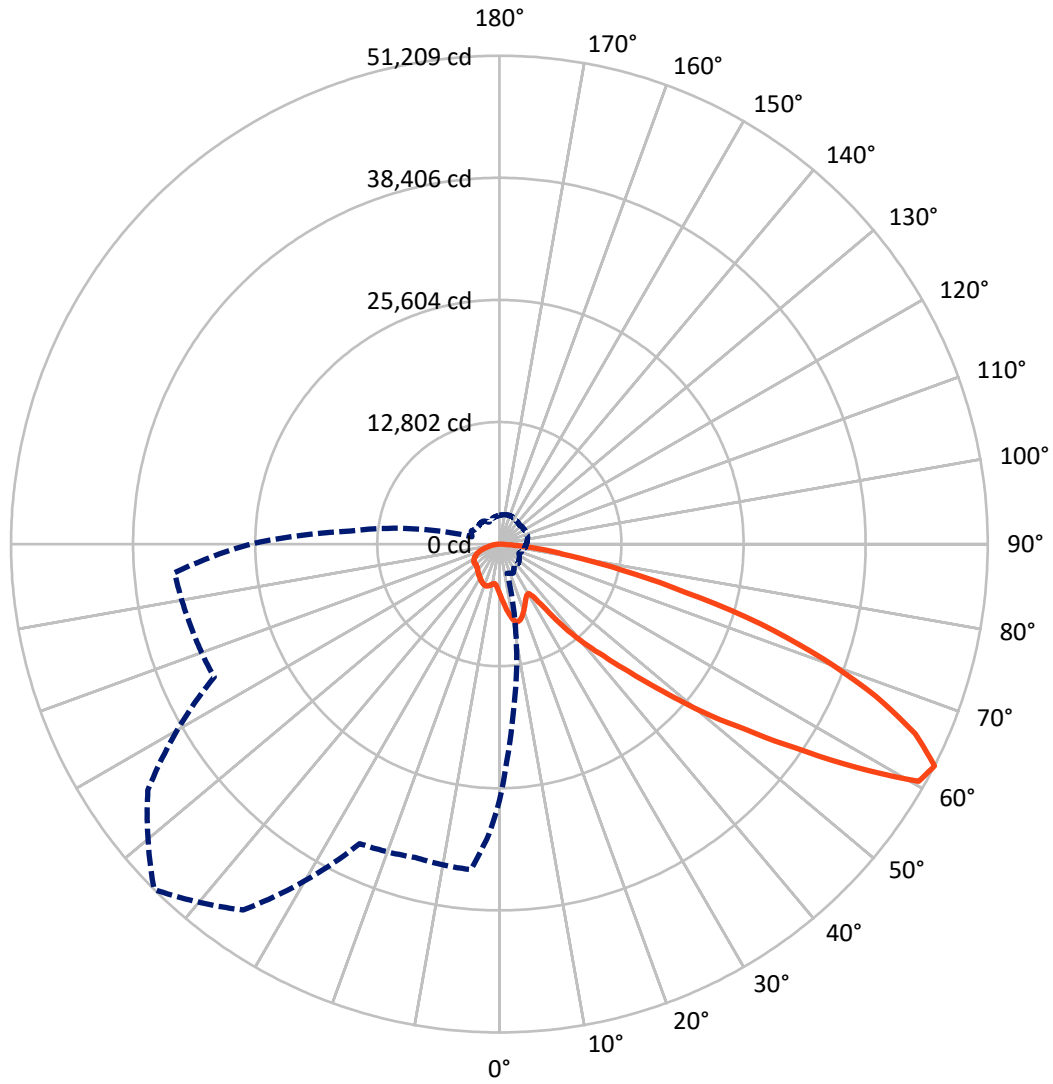
× Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 7.8 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	10031.5	0.0	10031.5
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	31923.5	0.0	31923.5
	% Fixture	76.1	0.0	76.1
Total	Lumens	41955.0	0.0	41955.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	515.3	1.2
10°-20°	1674.8	4.0
20°-30°	2636.5	6.3
30°-40°	3613.9	8.6
40°-50°	5638.7	13.4
50°-60°	9722.3	23.2
60°-70°	11266.9	26.9
70°-80°	5947.2	14.2
80°-90°	939.5	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°	41955.0	100.0
0°-180°	41955.0	100.0

Coefficient of Utilization



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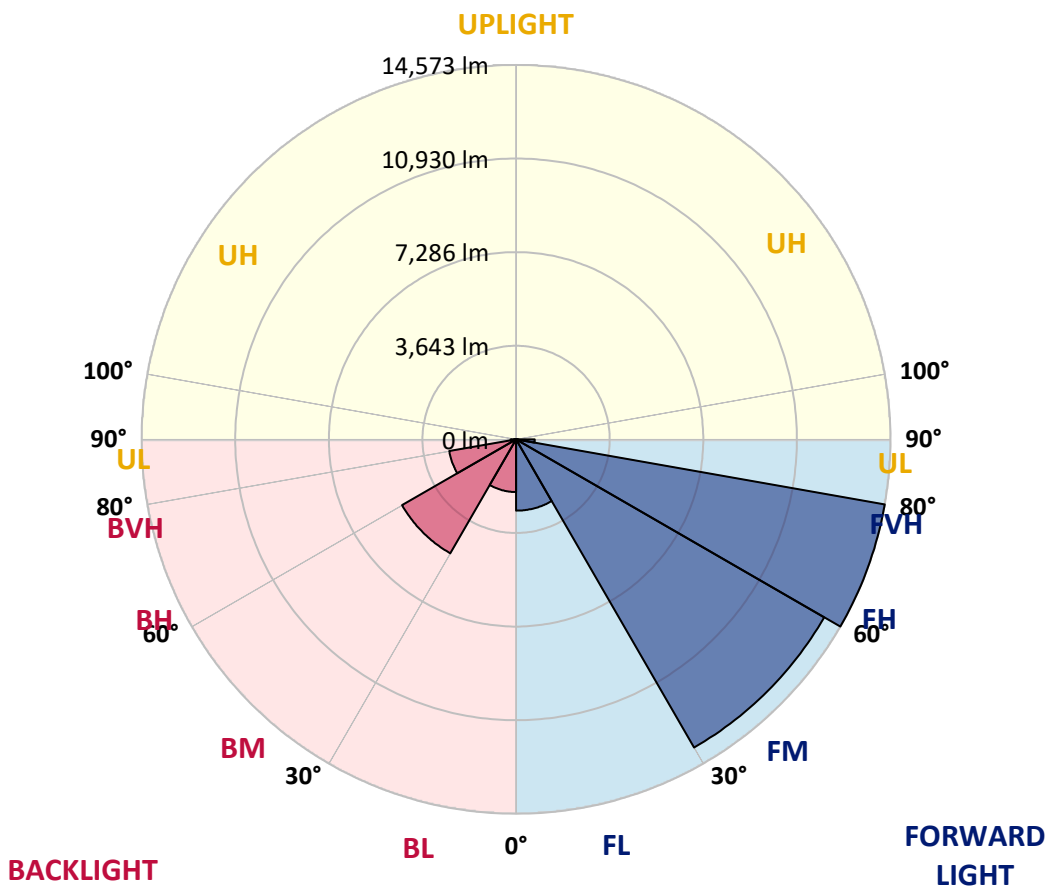
CATALOG NUMBER: GWS-SA6E-740-U-SLL-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2774.8	6.6			
FM (30°-60°)	13850.8	33.0			
FH (60°-80°)	14572.7	34.7			G5
FVH (80°-90°)	725.1	1.7			G4/750
BL (0°-30°)	2051.8	4.9	B3/2500		
BM (30°-60°)	5124.0	12.2	B4/8500		
BH (60°-80°)	2641.3	6.3	B4/5000		G4/5000
BVH (80°-90°)	214.3	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°	5230.9	5230.9	5230.9	5230.9	5230.9	5230.9	5230.9	5230.9	5230.9	5230.9	5230.9
2.5°	5683.4	5660.9	5628.9	5519.7	5452.4	5375.3	5295.1	5202.0	5096.1	5022.3	4948.5
5°	6164.8	6129.5	6052.5	5792.5	5612.8	5417.1	5253.4	5067.3	4884.3	4759.2	4634.0
7.5°	6626.9	6582.0	6463.2	6065.3	5773.3	5490.9	5243.8	4974.2	4701.4	4515.3	4367.7
10°	7089.0	6996.0	6845.1	6325.2	5940.1	5612.8	5330.4	4999.9	4637.2	4383.7	4226.5
12.5°	7442.0	7355.4	7191.7	6562.7	6107.0	5696.2	5378.5	5073.7	4765.6	4496.0	4335.6
15°	7772.6	7660.2	7474.1	6784.1	6245.0	5693.0	5282.3	5015.9	4971.0	4903.6	4695.0
17.5°	8010.0	7907.4	7714.8	6963.9	6322.0	5593.6	5015.9	4858.7	5060.8	5266.2	5067.3
20°	8218.6	8099.9	7904.1	7089.0	6338.1	5372.1	4691.8	4695.0	5012.7	5295.1	5247.0
22.5°	8395.1	8263.6	8090.3	7230.2	6331.7	5064.0	4409.4	4601.9	4919.6	5141.1	5147.5
25°	8613.4	8504.3	8359.8	7438.8	6331.7	4749.5	4204.0	4489.6	4762.4	4948.5	4942.1
27.5°	8879.7	8805.9	8687.2	7756.5	6389.4	4486.4	4088.5	4345.2	4560.2	4720.7	4717.5
30°	9178.2	9110.8	9020.9	8093.5	6488.9	4290.6	4024.3	4165.5	4322.7	4451.1	4451.1
32.5°	9483.0	9457.4	9361.1	8363.1	6411.9	4229.7	3969.7	3985.8	4069.2	4175.1	4165.5
35°	9906.7	9881.0	9759.0	8571.6	6078.1	4143.0	3883.1	3802.8	3812.5	3879.9	3902.3
37.5°	10526.0	10487.5	10307.8	8815.5	5574.3	3924.8	3741.9	3610.3	3581.4	3610.3	3652.0
40°	11273.8	11216.0	10972.1	9146.1	4993.4	3629.6	3520.4	3411.3	3363.2	3372.8	3421.0
42.5°	12210.8	12088.9	11739.1	9495.9	4419.0	3369.6	3273.3	3205.9	3151.4	3145.0	3238.0
45°	13732.0	13398.2	12843.0	9807.2	3934.4	3231.6	3051.9	3003.8	2958.8	2984.5	3093.6
47.5°	16389.1	15773.0	14691.5	10073.5	3639.2	3234.8	2875.4	2824.1	2820.8	2872.2	2994.1
50°	20041.2	19152.2	17483.5	10253.2	3485.1	3273.3	2769.5	2686.1	2747.0	2798.4	2913.9
52.5°	23539.1	22181.7	20195.2	10250.0	3417.7	3279.8	2798.4	2557.7	2747.0	2759.9	2869.0
55°	26526.9	24068.6	20926.9	9197.4	3321.5	3254.1	2910.7	2458.2	2711.7	2759.9	2846.5
57.5°	28901.6	25268.9	20872.3	7429.2	3613.5	3112.9	2978.1	2435.7	2609.0	2766.3	2865.8
60°	28638.5	24720.1	19527.7	4560.2	3584.6	2862.6	2968.5	2477.5	2435.7	2679.6	2843.3
62.5°	26889.5	22752.9	17213.9	3164.2	3366.4	2718.2	2811.2	2551.3	2275.3	2554.5	2734.2
65°	24440.9	20214.5	14344.9	2426.1	2788.8	2724.6	2544.9	2499.9	2134.1	2355.5	2548.1
67.5°	21202.9	17066.3	11325.1	1922.3	1944.7	2358.7	2310.6	2220.7	2002.5	2179.0	2352.3
70°	15939.9	12454.7	7791.8	1546.8	1473.0	1970.4	2076.3	1996.1	1874.1	1925.5	2108.4
72.5°	11232.0	8132.0	4268.2	1225.9	1136.0	1514.7	1803.5	1790.7	1655.9	1694.4	1874.1
75°	8347.0	5754.0	2666.8	969.2	924.2	1084.7	1511.5	1550.0	1437.7	1482.6	1620.6
77.5°	5555.0	3725.8	1482.6	718.9	718.9	792.7	1126.4	1306.1	1222.7	1258.0	1354.3
80°	3064.7	1896.6	741.3	471.7	484.6	545.6	821.5	940.3	943.5	1030.1	1055.8
82.5°	969.2	603.3	330.5	276.0	259.9	311.3	529.5	673.9	629.0	802.3	738.1
85°	221.4	141.2	61.0	61.0	67.4	102.7	202.2	359.4	458.9	552.0	401.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	141.2	208.6	186.1
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°	5230.9	5230.9	5230.9	5230.9	5230.9	5230.9	5230.9	5230.9	5230.9	5230.9	5230.9
2.5°	4903.6	4839.4	4820.1	4765.6	4759.2	4707.8	4688.6	4688.6	4711.0	4711.0	4733.5
5°	4582.7	4502.4	4457.5	4393.3	4377.3	4338.8	4313.1	4316.3	4345.2	4364.4	4403.0
7.5°	4300.3	4245.7	4213.6	4184.7	4178.3	4171.9	4143.0	4139.8	4149.4	4178.3	4207.2
10°	4181.5	4143.0	4152.6	4175.1	4210.4	4229.7	4204.0	4191.2	4181.5	4200.8	4226.5
12.5°	4297.1	4258.5	4277.8	4316.3	4364.4	4383.7	4374.1	4370.9	4380.5	4454.3	4508.9
15°	4550.6	4476.8	4451.1	4467.1	4505.7	4524.9	4515.3	4528.1	4589.1	4781.6	4919.6
17.5°	4865.1	4685.4	4582.7	4553.8	4569.8	4585.9	4585.9	4618.0	4723.9	5006.3	5179.6
20°	5035.2	4800.9	4627.6	4557.0	4563.4	4579.5	4579.5	4624.4	4743.1	5044.8	5157.1
22.5°	4990.2	4775.2	4563.4	4486.4	4489.6	4502.4	4502.4	4541.0	4646.9	4913.2	4964.6
25°	4813.7	4624.4	4415.8	4348.4	4354.8	4377.3	4370.9	4393.3	4473.6	4691.8	4720.7
27.5°	4601.9	4435.0	4229.7	4178.3	4207.2	4252.1	4213.6	4216.8	4290.6	4473.6	4476.8
30°	4374.1	4236.1	4053.2	4014.7	4069.2	4091.7	4056.4	4056.4	4130.2	4255.3	4252.1
32.5°	4127.0	4040.3	3908.7	3867.0	3928.0	3963.3	3918.4	3924.8	3982.6	4066.0	4033.9
35°	3895.9	3851.0	3790.0	3761.1	3799.6	3831.7	3802.8	3815.7	3870.2	3892.7	3847.8
37.5°	3674.5	3668.1	3674.5	3674.5	3684.1	3693.7	3674.5	3706.6	3754.7	3725.8	3674.5
40°	3481.9	3507.6	3568.6	3552.5	3542.9	3552.5	3539.7	3594.3	3642.4	3591.0	3530.1
42.5°	3321.5	3369.6	3462.7	3462.7	3443.4	3449.8	3443.4	3510.8	3546.1	3475.5	3408.1
45°	3183.5	3254.1	3372.8	3388.9	3356.8	3356.8	3369.6	3453.0	3465.9	3369.6	3299.0
47.5°	3087.2	3173.9	3308.6	3337.5	3289.4	3286.2	3321.5	3411.3	3411.3	3299.0	3218.8
50°	3019.8	3116.1	3276.5	3315.1	3266.9	3254.1	3311.8	3398.5	3379.2	3244.5	3164.2
52.5°	2974.9	3074.4	3273.3	3327.9	3295.8	3283.0	3340.7	3401.7	3353.6	3209.2	3125.7
55°	2946.0	3055.1	3283.0	3327.9	3292.6	3270.1	3327.9	3382.4	3356.8	3189.9	3109.7
57.5°	2962.0	3071.2	3270.1	3292.6	3250.9	3212.4	3279.8	3356.8	3347.1	3196.3	3116.1
60°	2936.4	3035.9	3199.5	3205.9	3135.3	3074.4	3173.9	3289.4	3289.4	3173.9	3103.3
62.5°	2817.6	2917.1	3061.5	3068.0	2987.7	2920.3	3035.9	3173.9	3170.6	3077.6	3003.8
65°	2621.9	2714.9	2878.6	2894.7	2814.4	2743.8	2862.6	2990.9	3000.6	2917.1	2852.9
67.5°	2406.9	2490.3	2612.3	2676.4	2609.0	2535.2	2644.3	2766.3	2763.1	2663.6	2596.2
70°	2150.1	2227.2	2339.5	2394.0	2352.3	2281.7	2381.2	2445.4	2416.5	2368.4	2323.4
72.5°	1896.6	1970.4	2076.3	2076.3	2031.4	1964.0	1992.9	2108.4	2143.7	2108.4	2079.5
75°	1630.2	1694.4	1768.2	1784.3	1684.8	1562.9	1697.6	1797.1	1838.8	1822.8	1787.5
77.5°	1357.5	1405.6	1514.7	1485.8	1299.7	1235.5	1344.6	1492.3	1521.1	1511.5	1463.4
80°	1046.2	1075.1	1190.6	1132.8	988.4	946.7	994.8	1110.4	1116.8	1084.7	1023.7
82.5°	702.8	741.3	818.3	706.0	702.8	664.3	625.8	638.6	696.4	690.0	648.2
85°	359.4	378.7	452.5	423.6	362.6	314.5	298.5	317.7	285.6	259.9	224.6
87.5°	150.8	163.7	224.6	125.2	38.5	0.0	0.0	19.3	28.9	41.7	44.9
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°	5230.9	5230.9	5230.9	5230.9	5230.9	5230.9	5230.9	5230.9	5230.9	5230.9	5230.9
2.5°	4784.8	4820.1	4906.8	5015.9	5121.8	5230.9	5349.7	5423.5	5513.3	5628.9	5632.1
5°	4451.1	4531.3	4656.5	4823.4	4996.7	5195.6	5426.7	5619.2	5850.3	6033.2	6107.0
7.5°	4245.7	4361.2	4518.5	4730.3	4958.1	5205.2	5506.9	5831.0	6209.7	6453.6	6598.0
10°	4265.0	4441.5	4598.7	4778.4	4983.8	5250.2	5638.5	6068.5	6533.8	6854.8	7034.5
12.5°	4608.3	4794.5	4765.6	4756.0	4894.0	5218.1	5744.4	6309.2	6877.2	7198.1	7413.1
15°	5041.6	5112.2	4839.4	4634.0	4717.5	5102.6	5802.1	6524.2	7162.8	7554.3	7766.2
17.5°	5263.0	5121.8	4791.3	4483.2	4460.7	4926.1	5831.0	6742.4	7483.7	7875.3	8099.9
20°	5160.3	4954.9	4675.7	4383.7	4223.2	4685.4	5815.0	6915.7	7775.8	8212.2	8395.1
22.5°	4938.9	4759.2	4541.0	4261.8	4030.7	4422.2	5773.3	7089.0	8035.7	8475.4	8635.8
25°	4698.2	4563.4	4383.7	4139.8	3921.6	4191.2	5744.4	7320.1	8334.2	8754.6	8857.3
27.5°	4457.5	4358.0	4210.4	4021.1	3895.9	4030.7	5754.0	7621.7	8719.3	9117.2	9075.5
30°	4220.0	4133.4	4030.7	3947.3	3892.7	3992.2	5728.3	7942.7	9142.9	9511.9	9264.8
32.5°	3995.4	3915.2	3851.0	3863.8	3895.9	4008.2	5596.8	8234.7	9531.2	9845.7	9470.2
35°	3802.8	3719.4	3719.4	3764.3	3883.1	3953.7	5256.6	8462.5	9961.2	10275.7	9762.2
37.5°	3623.1	3549.3	3597.5	3671.3	3783.6	3806.1	4820.1	8684.0	10587.0	10882.2	10214.7
40°	3465.9	3392.1	3478.7	3571.8	3629.6	3619.9	4377.3	8992.0	11325.1	11630.0	10814.8
42.5°	3340.7	3273.3	3350.4	3469.1	3478.7	3488.3	4053.2	9287.3	12181.9	12570.3	11848.2
45°	3238.0	3189.9	3228.4	3347.1	3347.1	3494.8	3851.0	9534.4	13472.0	14158.8	13744.8
47.5°	3157.8	3128.9	3148.2	3186.7	3250.9	3610.3	3722.6	9723.7	15821.1	17169.0	16751.8
50°	3112.9	3084.0	3109.7	3029.4	3222.0	3668.1	3680.9	9868.1	18918.0	21029.6	20512.9
52.5°	3074.4	3064.7	3080.8	2894.7	3286.2	3629.6	3648.8	9675.6	20994.3	24829.2	25339.5
55°	3061.5	3068.0	2990.9	2795.2	3363.2	3501.2	3552.5	8298.9	21559.1	28105.8	31273.2
57.5°	3068.0	3048.7	2852.9	2804.8	3366.4	3244.5	3690.5	5920.9	20737.5	29530.6	37078.6
60°	3045.5	2949.2	2686.1	2891.4	3218.8	2942.8	3591.0	3860.6	18571.4	28436.3	37415.5
62.5°	2946.0	2804.8	2541.6	2939.6	2955.6	2763.1	3260.5	2974.9	15683.1	26093.6	34167.9
65°	2801.6	2612.3	2419.7	2840.1	2689.3	2679.6	2451.8	2384.4	12612.0	23304.9	31087.1
67.5°	2564.1	2374.8	2329.8	2612.3	2419.7	2374.8	1970.4	1976.8	10063.9	20333.2	27990.2
70°	2294.5	2105.2	2140.5	2361.9	2153.3	1973.6	1594.9	1646.3	7634.6	16941.1	23815.1
72.5°	2118.0	1864.5	1867.7	2079.5	1893.4	1598.2	1312.5	1357.5	4845.8	12769.2	18934.0
75°	1787.5	1643.1	1572.5	1684.8	1607.8	1245.2	1103.9	1094.3	2872.2	9152.5	14178.0
77.5°	1492.3	1379.9	1344.6	1389.6	1200.2	921.0	888.9	872.9	1627.0	5863.1	9290.5
80°	1081.5	1052.6	1049.4	1071.9	924.2	677.1	677.1	680.3	876.1	3183.5	5237.3
82.5°	686.8	750.9	664.3	738.1	629.0	481.4	449.3	510.3	503.8	1357.5	2207.9
85°	285.6	391.5	365.8	388.3	298.5	263.2	282.4	304.9	292.0	523.1	860.1
87.5°	54.6	64.2	70.6	67.4	67.4	83.4	93.1	112.3	112.3	150.8	259.9
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°	5230.9	5230.9	5230.9	5230.9	5230.9	5230.9	5230.9	5230.9	5230.9	5230.9
2.5°	5754.0	5847.1	5827.8	5869.5	5815.0	5834.2	5725.1	5696.2	5677.0	5683.4
5°	6344.5	6533.8	6569.1	6639.7	6591.6	6591.6	6399.1	6254.6	6203.3	6164.8
7.5°	6944.6	7217.4	7397.1	7416.4	7390.7	7339.3	7060.1	6800.2	6707.1	6626.9
10°	7477.3	7804.7	8006.8	8103.1	8055.0	7974.7	7628.2	7271.9	7159.6	7089.0
12.5°	7884.9	8173.7	8308.5	8372.7	8366.3	8337.4	8055.0	7669.9	7551.1	7442.0
15°	8148.0	8292.5	8241.1	8237.9	8282.8	8398.4	8311.7	8010.0	7872.1	7772.6
17.5°	8318.1	8180.1	7952.3	7846.4	7942.7	8215.4	8414.4	8244.3	8119.2	8010.0
20°	8379.1	7888.1	7557.6	7361.8	7474.1	7868.8	8359.8	8414.4	8308.5	8218.6
22.5°	8308.5	7531.9	7082.6	6851.5	6960.7	7432.4	8199.4	8552.4	8481.8	8395.1
25°	8135.2	7159.6	6620.5	6411.9	6530.6	7012.0	7913.8	8680.8	8684.0	8613.4
27.5°	7920.2	6816.2	6296.4	6100.6	6216.1	6665.4	7634.6	8793.1	8905.4	8879.7
30°	7702.0	6610.9	6142.3	6004.3	6091.0	6488.9	7349.0	8908.6	9133.3	9178.2
32.5°	7602.5	6710.3	6505.0	6565.9	6453.6	6591.6	7246.3	9072.3	9409.2	9483.0
35°	7734.1	7592.9	8112.7	8353.4	7955.5	7432.4	7377.8	9319.4	9797.5	9906.7
37.5°	8372.7	9483.0	10259.7	11106.9	10416.9	9264.8	8029.3	9739.8	10352.7	10526.0
40°	9762.2	11132.6	12535.0	13629.3	12586.3	11036.3	9268.0	10365.6	11116.5	11273.8
42.5°	11071.6	12679.4	14611.3	16026.5	14672.2	12483.6	10603.0	11418.2	12124.2	12210.8
45°	12355.2	14197.3	17124.0	19091.3	17252.4	13860.3	11966.9	13196.0	13728.8	13732.0
47.5°	13860.3	15907.8	20275.4	23077.0	20676.6	15384.7	13247.4	16010.5	16751.8	16389.1
50°	15660.7	17608.6	23519.9	27714.2	24851.7	17258.8	14874.4	19441.1	20451.9	20041.2
52.5°	18070.7	19482.8	27094.9	32235.9	29402.3	19392.9	17233.2	23972.4	24306.1	23539.1
55°	21462.8	22188.1	31684.0	37819.9	34482.4	22021.2	20683.0	29659.0	28725.1	26526.9
57.5°	29187.2	26469.1	37576.0	44190.0	40229.9	26796.4	28243.8	35929.7	32608.2	28901.6
60°	35650.5	31667.9	43028.3	50512.1	45156.0	32059.4	35342.4	37020.8	32463.8	28638.5
62.5°	33471.5	32993.3	44995.5	51208.5	46837.6	34649.2	34023.4	34270.5	30345.8	26889.5
65°	29367.0	30435.6	43240.1	47906.2	44973.1	32329.0	30775.8	31728.9	27922.8	24440.9
67.5°	26944.1	27730.3	40117.6	42620.8	41584.2	29819.5	28250.2	27560.2	24161.7	21202.9
70°	24466.6	25118.0	35733.9	35987.4	36298.7	25647.6	23099.5	21045.6	18009.8	15939.9
72.5°	21141.9	21177.2	30191.7	28721.9	29312.4	20070.0	18593.8	15734.5	13109.4	11232.0
75°	17737.0	16767.8	23898.6	20076.5	21260.6	15612.5	15439.2	11857.8	9887.4	8347.0
77.5°	13523.4	12390.5	17457.8	13202.5	14932.2	10397.7	11607.5	8042.1	6957.4	5555.0
80°	9078.7	8372.7	9646.7	7451.7	9768.7	7166.0	7570.4	4557.0	3950.5	3064.7
82.5°	4788.1	4088.5	5962.6	4419.0	5892.0	3937.6	2840.1	1408.8	1200.2	969.2
85°	1854.9	2146.9	2923.5	1572.5	2284.9	1405.6	821.5	349.8	292.0	221.4
87.5°	359.4	555.2	304.9	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)