

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: P643216

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

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P643216
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-SAGE-740-U-SLR-W
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT OPTICS
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 42385 lumens
Efficiency: N/A
Efficacy: 130.9 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B4 - U0 - G5

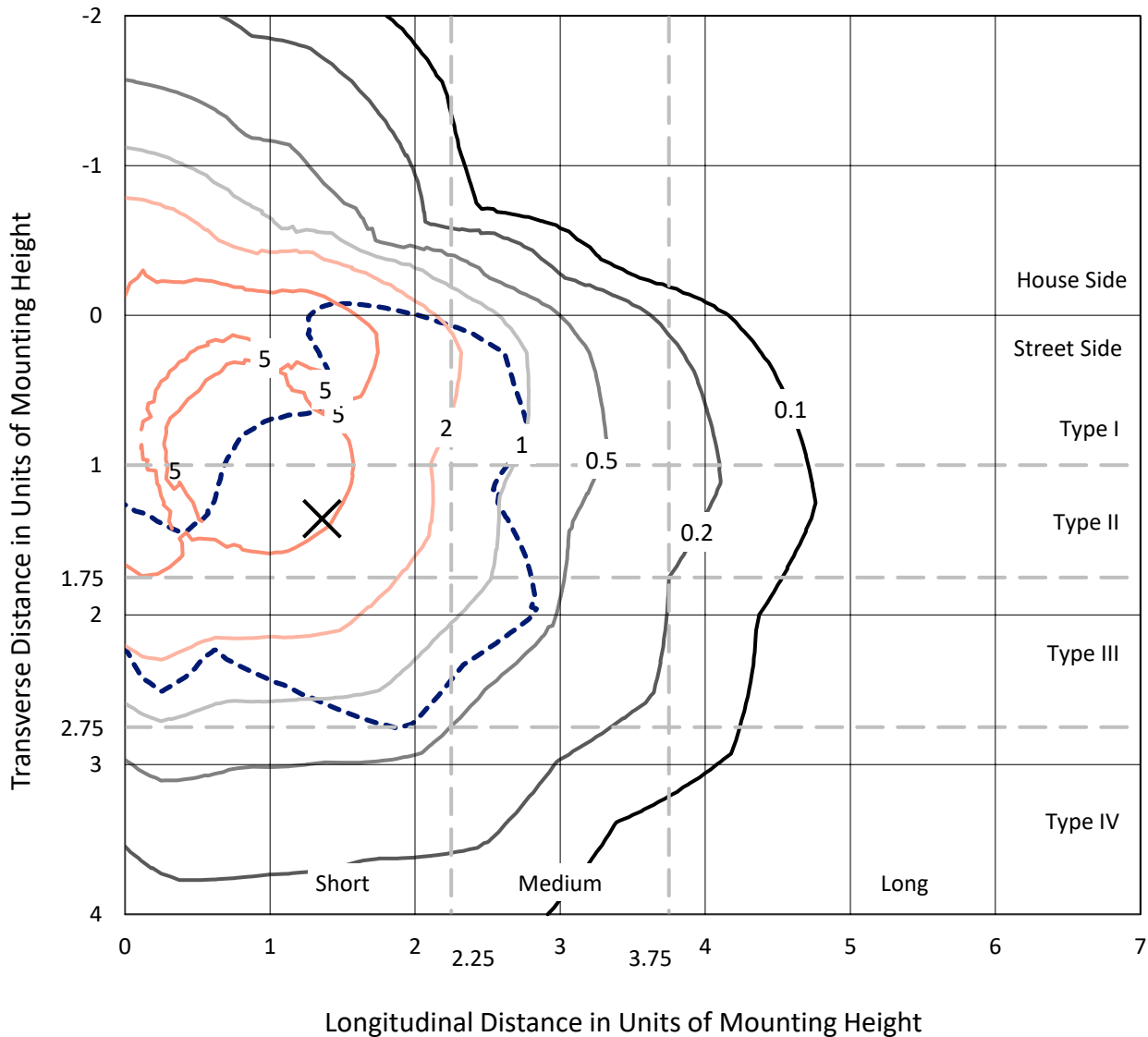
Input Watts (W): 323.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

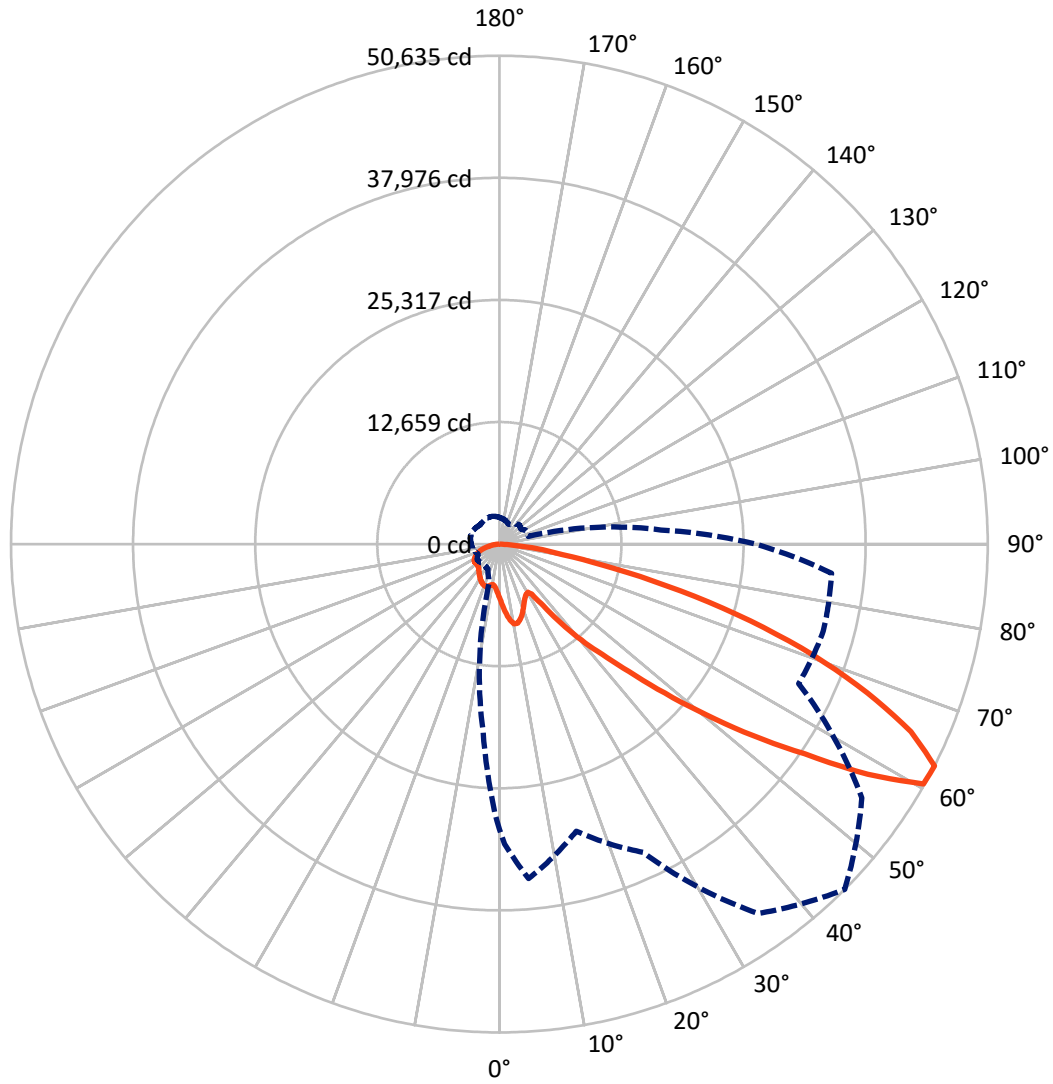
✕ Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 8.9 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	10113.9	0.0	10113.9
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	32271.1	0.0	32271.1
	% Fixture	76.1	0.0	76.1
Total	Lumens	42385.0	0.0	42385.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	549.4	1.3
10°-20°	1722.2	4.1
20°-30°	2675.0	6.3
30°-40°	3632.0	8.6
40°-50°	5756.4	13.6
50°-60°	10154.2	24.0
60°-70°	11298.1	26.7
70°-80°	5730.0	13.5
80°-90°	867.6	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°	42385.0	100.0
0°-180°	42385.0	100.0

Coefficient of Utilization



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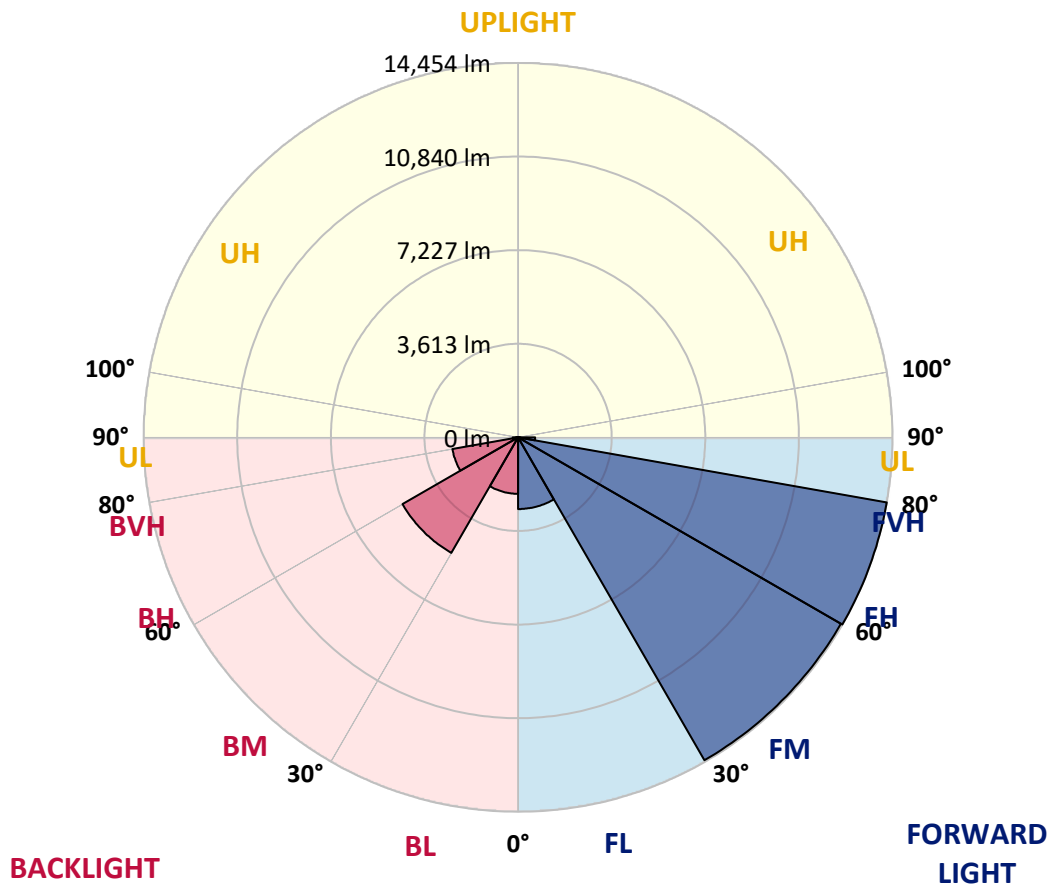
CATALOG NUMBER: GWS-SA6E-740-U-SLR-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2767.4	6.5			
FM (30°-60°)	14391.5	34.0			
FH (60°-80°)	14453.7	34.1			G5
FVH (80°-90°)	658.6	1.6			G4/750
BL (0°-30°)	2179.3	5.1	B3/2500		
BM (30°-60°)	5151.0	12.2	B4/8500		
BH (60°-80°)	2574.4	6.1	B4/5000		G4/5000
BVH (80°-90°)	209.1	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°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5625.4	5625.4	5625.4	5625.4	5625.4	5625.4	5625.4	5625.4	5625.4	5625.4	5625.4
2.5°	6045.7	6042.5	6103.5	6196.6	6283.2	6321.7	6385.9	6379.5	6328.1	6260.7	6238.3
5°	6520.7	6533.5	6639.4	6844.8	7072.6	7168.9	7210.6	7194.5	7101.5	6982.8	6774.2
7.5°	6950.7	6973.1	7136.8	7444.9	7727.2	7855.6	7958.3	7939.0	7804.3	7582.8	7274.8
10°	7265.1	7290.8	7486.6	7849.2	8163.7	8276.0	8407.5	8414.0	8295.2	7996.8	7682.3
12.5°	7579.6	7605.3	7788.2	8118.7	8324.1	8327.3	8404.3	8446.1	8452.5	8314.5	8000.0
15°	7906.9	7929.4	8096.3	8282.4	8272.8	8093.1	8093.1	8173.3	8349.8	8449.3	8231.1
17.5°	8186.1	8215.0	8343.4	8282.4	7996.8	7672.7	7634.2	7736.9	8044.9	8426.8	8404.3
20°	8417.2	8439.6	8510.2	8105.9	7586.0	7162.5	7088.7	7207.4	7624.6	8288.8	8535.9
22.5°	8638.6	8651.4	8612.9	7874.9	7143.2	6658.6	6568.8	6693.9	7143.2	8044.9	8648.2
25°	8901.7	8888.9	8706.0	7634.2	6738.9	6260.7	6167.7	6308.9	6777.4	7720.8	8770.2
27.5°	9206.6	9158.5	8786.2	7374.3	6427.6	5965.5	5901.3	6052.2	6488.6	7422.4	8866.4
30°	9466.5	9373.5	8799.0	7143.2	6267.2	5840.4	5801.8	5943.0	6347.4	7220.2	8988.4
32.5°	9755.3	9627.0	8872.9	7082.2	6357.0	6142.0	6193.3	6203.0	6385.9	7162.5	9171.3
35°	10169.3	10002.4	9075.0	7258.7	7281.2	7643.8	7829.9	7579.6	6966.7	7290.8	9517.9
37.5°	10795.0	10583.2	9485.8	8022.5	9190.5	10002.4	10451.7	9880.5	8731.7	7775.4	10040.9
40°	11555.6	11286.0	10012.0	9434.4	10974.7	12274.4	13073.4	12235.9	10547.9	8985.2	10775.8
42.5°	12617.7	12335.3	11032.5	10820.7	12627.4	14562.4	15605.3	14357.0	12149.2	10547.9	11953.5
45°	14469.3	14196.6	12903.3	12210.2	14562.4	17379.9	18843.2	17107.1	13776.2	12117.1	14154.8
47.5°	17890.1	17569.2	15682.3	13750.5	16770.2	21038.1	23085.5	20556.8	15467.3	13914.2	17851.6
50°	21997.6	21689.5	19170.5	15573.2	19209.0	24949.9	27796.2	24609.7	17415.2	16099.5	22270.4
52.5°	26939.4	26881.7	24147.6	17877.3	21747.3	29121.6	33023.7	29099.1	19549.2	19042.1	27276.4
55°	31393.5	31958.3	30469.3	21391.1	25026.9	34361.8	38398.7	33996.0	22443.7	23907.0	33139.2
57.5°	33793.8	35311.7	37599.7	28560.0	29795.4	40625.8	45031.7	39974.4	27417.6	32006.4	38575.2
60°	32208.6	33928.6	38074.6	33957.5	34525.5	45644.6	50506.3	44999.6	32301.7	37628.6	38267.2
62.5°	29570.8	31114.3	34801.5	30806.3	35257.1	46748.5	50634.6	45875.7	34243.1	34775.8	34567.2
65°	26442.1	27998.4	31903.8	26891.3	32930.6	44126.8	46899.4	43298.9	30754.9	31419.2	31496.2
67.5°	22286.4	23724.0	27700.0	23910.2	30016.9	40279.2	41164.9	39627.8	28322.5	29381.5	28274.4
70°	16651.4	17947.9	21458.5	19430.4	25302.9	35266.8	34551.2	34779.0	25591.7	26644.2	23618.1
72.5°	11379.1	12354.6	15364.6	15268.4	19375.9	28232.7	27234.7	29394.3	21375.1	22771.0	18005.6
75°	7958.3	8718.8	11106.3	12062.6	14645.8	20925.8	19395.1	22000.8	16693.2	18685.9	13137.6
77.5°	4884.1	5387.9	7014.8	8937.0	9421.6	14321.7	12046.5	16555.2	11722.4	13628.6	8763.7
80°	2442.0	2685.9	3407.9	5618.9	6247.9	8439.6	6652.2	9610.9	7932.6	8439.6	4848.8
82.5°	738.1	815.1	998.0	2134.0	3237.9	4858.4	3931.0	5583.6	4332.1	3956.7	1909.3
85°	195.7	221.4	276.0	632.2	1136.0	1742.5	1328.5	2705.2	2076.2	1460.1	718.8
87.5°	16.0	16.0	12.8	12.8	6.4	0.0	0.0	192.5	388.3	221.4	125.2
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°	5625.4	5625.4	5625.4	5625.4	5625.4	5625.4	5625.4	5625.4	5625.4	5625.4	5625.4
2.5°	6126.0	6113.1	5981.6	5885.3	5773.0	5663.9	5551.5	5452.1	5339.8	5227.4	5195.4
5°	6620.1	6530.3	6251.1	6016.9	5785.8	5583.6	5407.1	5224.2	5076.6	4932.2	4877.7
7.5°	7056.6	6899.3	6495.0	6138.8	5817.9	5567.6	5307.7	5041.3	4832.7	4627.4	4576.0
10°	7451.3	7242.7	6732.5	6283.2	5927.0	5641.4	5336.5	4980.3	4678.7	4428.4	4361.0
12.5°	7743.3	7515.4	6937.8	6421.2	6016.9	5696.0	5394.3	5079.8	4762.1	4438.0	4364.2
15°	7974.3	7736.9	7107.9	6527.1	6020.1	5606.1	5314.1	5205.0	5105.5	4787.8	4653.0
17.5°	8160.5	7910.2	7255.5	6591.3	5933.4	5333.3	5079.8	5240.3	5493.8	5294.8	5041.3
20°	8330.5	8077.0	7367.8	6636.2	5740.9	4957.9	4816.7	5156.8	5538.7	5532.3	5304.5
22.5°	8516.7	8269.6	7531.5	6661.9	5471.3	4576.0	4659.4	5034.9	5346.2	5439.2	5298.0
25°	8754.1	8535.9	7759.3	6719.6	5166.5	4312.9	4543.9	4877.7	5137.6	5160.1	5076.6
27.5°	9030.1	8866.4	8099.5	6854.4	4871.2	4178.1	4409.1	4656.2	4893.7	4903.3	4803.9
30°	9331.7	9222.6	8414.0	6966.7	4649.8	4136.4	4235.9	4434.8	4585.6	4611.3	4524.7
32.5°	9716.8	9620.5	8693.1	6892.9	4518.3	4126.8	4075.4	4178.1	4303.3	4303.3	4235.9
35°	10246.3	10111.5	8988.4	6610.5	4357.8	4088.3	3905.3	3934.2	3988.8	3998.4	3959.9
37.5°	10997.2	10775.8	9286.8	6052.2	4094.7	3950.3	3709.6	3674.3	3693.5	3719.2	3709.6
40°	11927.8	11565.2	9723.2	5381.5	3780.2	3683.9	3507.4	3440.0	3424.0	3475.3	3494.6
42.5°	13099.1	12543.9	10191.7	4755.7	3494.6	3379.1	3270.0	3212.2	3186.5	3273.2	3324.5
45°	14969.9	14055.4	10641.0	4136.4	3334.1	3119.1	3045.3	3003.6	3016.4	3119.1	3183.3
47.5°	18201.4	16362.6	11067.8	3744.9	3321.3	2933.0	2843.2	2852.8	2888.1	2997.2	3074.2
50°	22289.6	19452.9	11353.4	3581.2	3359.8	2820.7	2702.0	2753.3	2807.9	2913.8	3003.6
52.5°	26451.7	22331.3	11013.2	3491.4	3356.6	2823.9	2570.4	2724.4	2750.1	2856.0	2952.3
55°	29314.1	22652.2	9514.6	3353.4	3305.3	2952.3	2467.7	2711.6	2727.6	2823.9	2910.6
57.5°	30405.2	21554.8	7255.5	3391.9	3151.2	3051.7	2422.8	2621.7	2737.3	2820.7	2910.6
60°	29086.3	19485.0	4409.1	3491.4	2904.1	3045.3	2451.7	2458.1	2657.0	2798.2	2888.1
62.5°	26599.3	16827.9	3096.7	3209.0	2724.4	2875.3	2519.1	2265.5	2515.8	2685.9	2766.1
65°	23749.7	13702.4	2361.8	2762.9	2637.8	2612.1	2541.5	2095.5	2323.3	2490.2	2560.8
67.5°	20781.4	10650.6	1919.0	2060.2	2384.3	2361.8	2323.3	1944.6	2095.5	2214.2	2294.4
70°	17042.9	7451.3	1620.5	1546.7	2044.1	2117.9	2031.3	1755.3	1803.5	1925.4	1989.6
72.5°	12466.9	4643.4	1331.7	1277.2	1643.0	1851.6	1806.7	1546.7	1569.2	1684.7	1736.1
75°	8965.9	2657.0	1068.6	1052.5	1254.7	1585.2	1495.4	1331.7	1357.4	1444.0	1479.3
77.5°	5699.2	1479.3	824.7	847.2	898.5	1184.1	1277.2	1139.2	1139.2	1190.5	1219.4
80°	3051.7	847.2	603.3	612.9	629.0	904.9	1007.6	882.5	882.5	847.2	882.5
82.5°	1245.1	487.8	414.0	385.1	420.4	619.3	706.0	561.6	587.2	529.5	542.3
85°	410.8	243.9	205.4	202.2	199.0	272.8	340.2	279.2	333.7	211.8	221.4
87.5°	54.6	44.9	25.7	19.3	22.5	9.6	19.3	22.5	22.5	16.0	16.0
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5625.4	5625.4	5625.4	5625.4	5625.4	5625.4	5625.4	5625.4	5625.4	5625.4	5625.4
2.5°	5172.9	5147.2	5054.2	5076.6	5060.6	5034.9	5060.6	5012.4	5050.9	5063.8	5144.0
5°	4835.9	4775.0	4685.1	4640.2	4630.6	4604.9	4608.1	4585.6	4592.1	4646.6	4736.5
7.5°	4534.3	4476.5	4405.9	4373.8	4345.0	4316.1	4312.9	4309.7	4335.3	4383.5	4470.1
10°	4316.1	4284.0	4255.1	4268.0	4255.1	4242.3	4219.8	4219.8	4261.5	4348.2	4454.1
12.5°	4316.1	4309.7	4316.1	4354.6	4351.4	4354.6	4325.7	4341.8	4457.3	4604.9	4755.7
15°	4547.1	4495.8	4495.8	4515.0	4508.6	4508.6	4508.6	4576.0	4839.2	5067.0	5227.4
17.5°	4829.5	4678.7	4614.5	4604.9	4601.7	4601.7	4614.5	4758.9	5169.7	5410.4	5503.4
20°	5025.3	4739.7	4633.8	4592.1	4595.3	4601.7	4640.2	4839.2	5291.6	5413.6	5391.1
22.5°	5060.6	4691.5	4563.2	4502.2	4511.8	4518.3	4576.0	4787.8	5124.8	5144.0	5099.1
25°	4896.9	4556.8	4418.8	4370.6	4383.5	4380.3	4431.6	4585.6	4826.3	4819.9	4794.2
27.5°	4653.0	4341.8	4239.1	4207.0	4229.4	4203.8	4219.8	4338.6	4524.7	4518.3	4508.6
30°	4402.7	4133.2	4040.1	4024.1	4053.0	4014.4	4017.7	4117.1	4245.5	4239.1	4235.9
32.5°	4152.4	3924.6	3841.2	3841.2	3870.0	3828.3	3834.7	3921.4	4008.0	3982.4	3982.4
35°	3915.0	3754.5	3687.1	3674.3	3696.8	3667.9	3680.7	3760.9	3793.0	3757.7	3735.3
37.5°	3706.4	3635.8	3568.4	3523.5	3526.7	3529.9	3568.4	3629.4	3610.1	3558.8	3529.9
40°	3513.8	3513.8	3449.7	3366.2	3356.6	3379.1	3443.2	3510.6	3456.1	3398.3	3363.0
42.5°	3375.9	3404.7	3343.8	3260.3	3241.1	3279.6	3350.2	3398.3	3334.1	3270.0	3221.8
45°	3247.5	3318.1	3276.4	3183.3	3157.6	3202.6	3292.4	3311.7	3225.0	3164.1	3128.8
47.5°	3157.6	3253.9	3225.0	3135.2	3096.7	3160.9	3253.9	3250.7	3141.6	3077.4	3048.5
50°	3093.5	3215.4	3212.2	3135.2	3093.5	3173.7	3257.1	3215.4	3096.7	3029.3	3000.4
52.5°	3042.1	3212.2	3234.7	3189.7	3160.9	3231.5	3282.8	3202.6	3064.6	2994.0	2971.5
55°	3019.7	3225.0	3241.1	3199.4	3173.7	3237.9	3282.8	3228.2	3064.6	3000.4	2981.1
57.5°	3026.1	3209.0	3212.2	3154.4	3109.5	3189.7	3260.3	3244.3	3099.9	3026.1	3003.6
60°	2987.6	3122.3	3128.8	3038.9	2987.6	3083.8	3209.0	3199.4	3083.8	3006.8	2965.1
62.5°	2859.2	2977.9	2981.1	2897.7	2823.9	2961.9	3099.9	3096.7	2990.8	2913.8	2865.6
65°	2644.2	2769.4	2801.4	2721.2	2663.5	2811.1	2955.5	2949.1	2843.2	2772.6	2724.4
67.5°	2377.9	2512.6	2573.6	2519.1	2496.6	2631.4	2766.1	2762.9	2676.3	2608.9	2567.2
70°	2053.8	2166.1	2268.8	2268.8	2252.7	2406.7	2551.1	2538.3	2458.1	2406.7	2374.7
72.5°	1784.2	1870.8	1902.9	1935.0	1983.2	2143.6	2265.5	2275.2	2217.4	2191.7	2217.4
75°	1517.9	1572.4	1601.3	1575.6	1659.0	1825.9	1986.4	2002.4	1941.4	1899.7	1909.3
77.5°	1248.3	1309.3	1338.1	1280.4	1274.0	1485.8	1681.5	1716.8	1665.5	1601.3	1620.5
80°	901.7	982.0	1030.1	991.6	978.7	1071.8	1341.4	1379.9	1331.7	1280.4	1309.3
82.5°	551.9	596.9	609.7	648.2	728.4	766.9	863.2	991.6	956.3	911.4	991.6
85°	218.2	259.9	288.8	327.3	381.9	452.5	532.7	635.4	577.6	558.4	657.8
87.5°	12.8	3.2	0.0	6.4	54.6	105.9	227.8	314.5	263.1	282.4	340.2
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5625.4	5625.4	5625.4	5625.4	5625.4	5625.4	5625.4	5625.4	5625.4	5625.4
2.5°	5208.2	5291.6	5403.9	5497.0	5615.7	5728.0	5843.6	5959.1	6020.1	6045.7
5°	4839.2	4993.2	5172.9	5371.8	5602.9	5846.8	6093.9	6347.4	6507.8	6520.7
7.5°	4617.7	4839.2	5086.2	5336.5	5622.1	5959.1	6350.6	6742.1	6905.7	6950.7
10°	4688.3	4935.4	5131.2	5365.4	5679.9	6100.3	6562.4	7021.3	7210.6	7265.1
12.5°	4970.7	5018.9	5079.8	5294.8	5679.9	6222.2	6780.6	7326.1	7528.3	7579.6
15°	5205.0	4973.9	4864.8	5092.7	5602.9	6328.1	7011.6	7614.9	7858.8	7906.9
17.5°	5224.2	4826.3	4588.9	4794.2	5468.1	6401.9	7233.1	7935.8	8141.2	8186.1
20°	5028.5	4669.1	4361.0	4486.2	5285.2	6434.0	7393.5	8170.1	8372.2	8417.2
22.5°	4807.1	4540.7	4207.0	4200.6	5063.8	6469.3	7586.0	8391.5	8609.7	8638.6
25°	4598.5	4364.2	4081.8	3992.0	4807.1	6536.7	7846.0	8725.2	8892.1	8901.7
27.5°	4354.6	4174.9	3982.4	3895.7	4582.4	6665.1	8231.1	9123.2	9222.6	9206.6
30°	4133.2	3998.4	3911.8	3886.1	4441.2	6761.3	8596.9	9514.6	9521.1	9466.5
32.5°	3898.9	3847.6	3847.6	3931.0	4325.7	6738.9	8895.3	9896.5	9835.5	9755.3
35°	3690.3	3700.0	3767.4	3963.1	4133.2	6514.2	9180.9	10374.7	10284.8	10169.3
37.5°	3491.4	3565.2	3661.5	3850.8	3879.7	6180.5	9514.6	11051.8	10939.4	10795.0
40°	3321.3	3433.6	3545.9	3639.0	3610.1	5705.6	9980.0	11847.6	11722.4	11555.6
42.5°	3186.5	3295.6	3420.8	3430.4	3440.0	5211.4	10474.1	12823.1	12800.7	12617.7
45°	3099.9	3170.5	3289.2	3273.2	3430.4	4665.9	10929.8	14312.1	14607.3	14469.3
47.5°	3042.1	3096.7	3109.5	3176.9	3513.8	4178.1	11517.1	17225.8	18047.3	17890.1
50°	3010.0	3064.6	2920.2	3183.3	3526.7	3863.6	12328.9	20884.1	22206.2	21997.6
52.5°	3006.8	2994.0	2775.8	3250.7	3456.1	3671.1	12752.5	23554.0	26487.0	26939.4
55°	3013.2	2852.8	2702.0	3270.0	3314.9	3600.5	11334.1	24837.6	30437.2	31393.5
57.5°	2955.5	2698.8	2743.7	3192.9	3048.5	3789.8	8378.7	24378.7	32016.1	33793.8
60°	2846.4	2551.1	2820.7	2984.4	2775.8	3465.7	5769.8	22331.3	30379.5	32208.6
62.5°	2689.1	2448.5	2811.1	2714.8	2676.3	2836.7	3966.3	19465.7	27783.4	29570.8
65°	2512.6	2365.0	2660.3	2454.9	2477.3	2182.1	2804.7	16231.1	24683.5	26442.1
67.5°	2323.3	2313.7	2438.8	2185.3	2092.3	1729.6	2044.1	13009.2	20701.2	22286.4
70°	2108.3	2178.9	2217.4	1941.4	1697.6	1357.4	1517.9	9097.5	15271.6	16651.4
72.5°	1893.3	1899.7	1954.3	1687.9	1270.8	1087.8	1139.2	5509.8	10374.7	11379.1
75°	1675.1	1614.1	1665.5	1373.4	946.7	892.1	879.3	3404.7	7165.7	7958.3
77.5°	1440.8	1373.4	1306.1	1033.3	760.5	689.9	673.9	1909.3	4396.3	4884.1
80°	1171.3	1081.4	975.5	757.3	555.2	494.2	491.0	930.6	2191.7	2442.0
82.5°	911.4	741.3	712.4	471.7	343.4	301.6	320.9	356.2	661.1	738.1
85°	638.6	539.1	378.7	189.3	154.0	125.2	121.9	105.9	176.5	195.7
87.5°	356.2	234.3	121.9	22.5	25.7	28.9	22.5	16.0	16.0	16.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)