

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: P643326

Luminaire Tested: GWS-SA6E-760-U-SLR-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P643326
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-760-U-SLR-W
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT OPTICS
Light Source: (96) 5700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 42762.1 lumens
Efficiency: N/A
Efficacy: 132.1 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B4 - U0 - G5

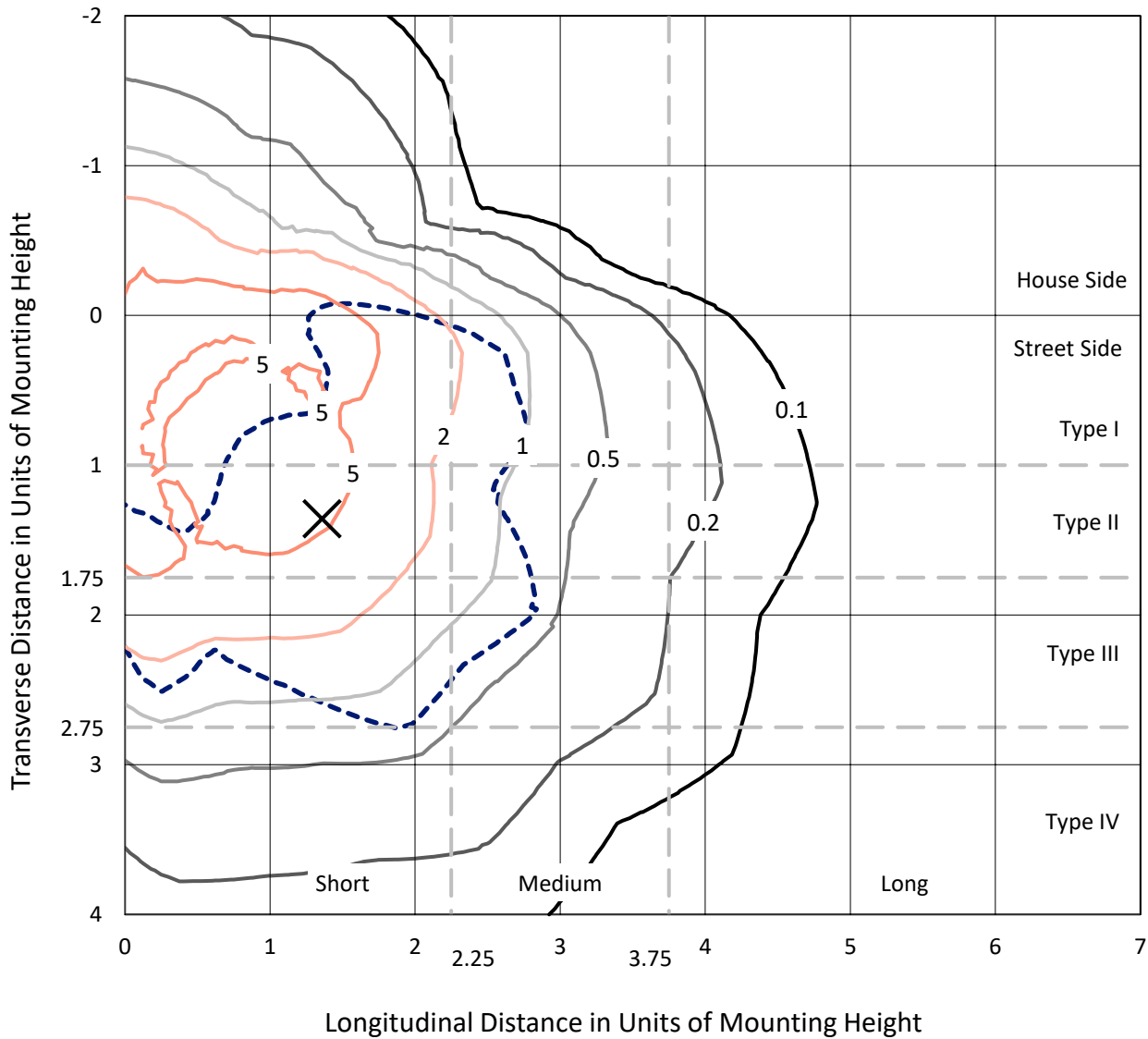
Input Watts (W): 323.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

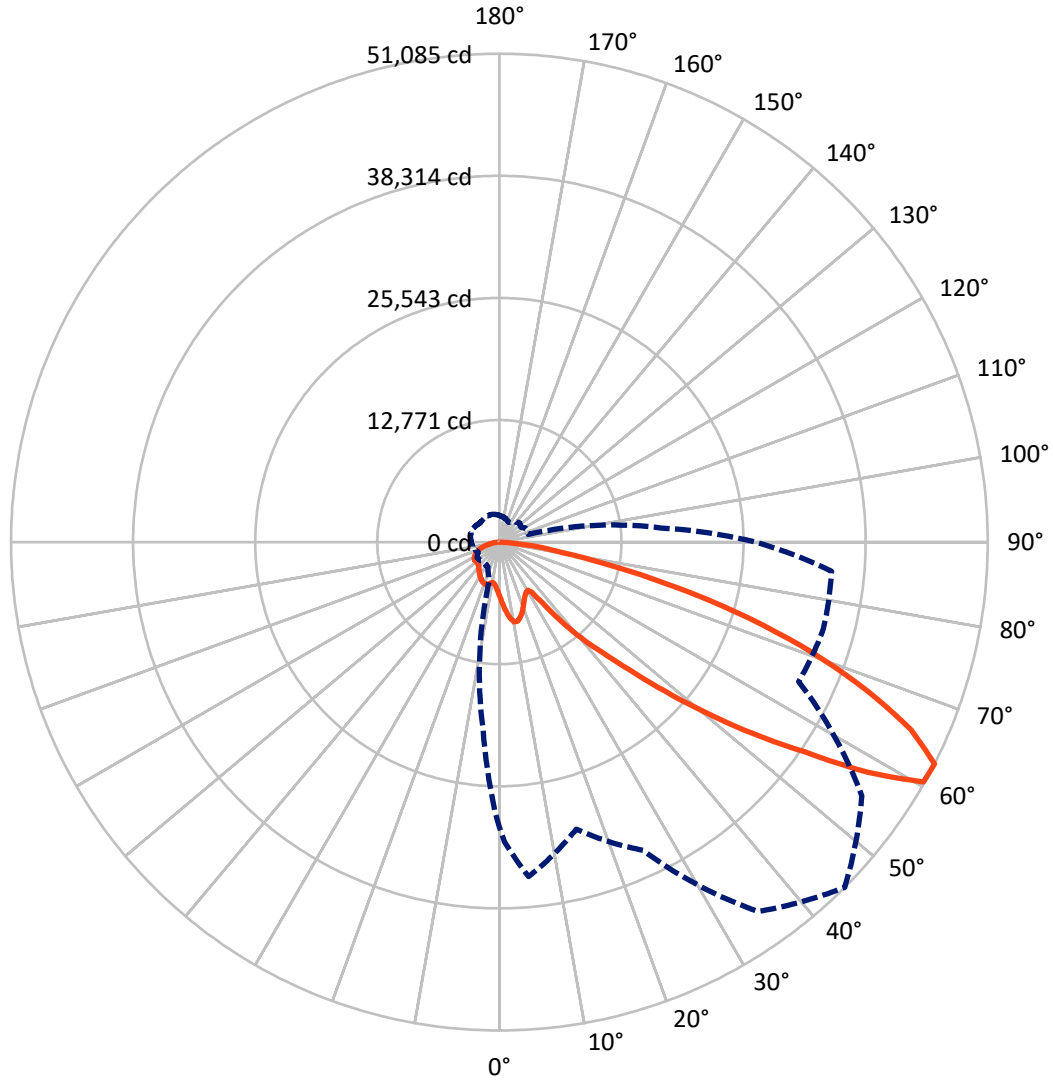
✕ Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 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	10203.8	0.0	10203.8
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	32558.3	0.0	32558.3
	% Fixture	76.1	0.0	76.1
Total	Lumens	42762.1	0.0	42762.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	554.3	1.3
10°-20°	1737.6	4.1
20°-30°	2698.8	6.3
30°-40°	3664.3	8.6
40°-50°	5807.6	13.6
50°-60°	10244.6	24.0
60°-70°	11398.7	26.7
70°-80°	5781.0	13.5
80°-90°	875.4	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°	42762.1	100.0
0°-180°	42762.1	100.0

Coefficient of Utilization



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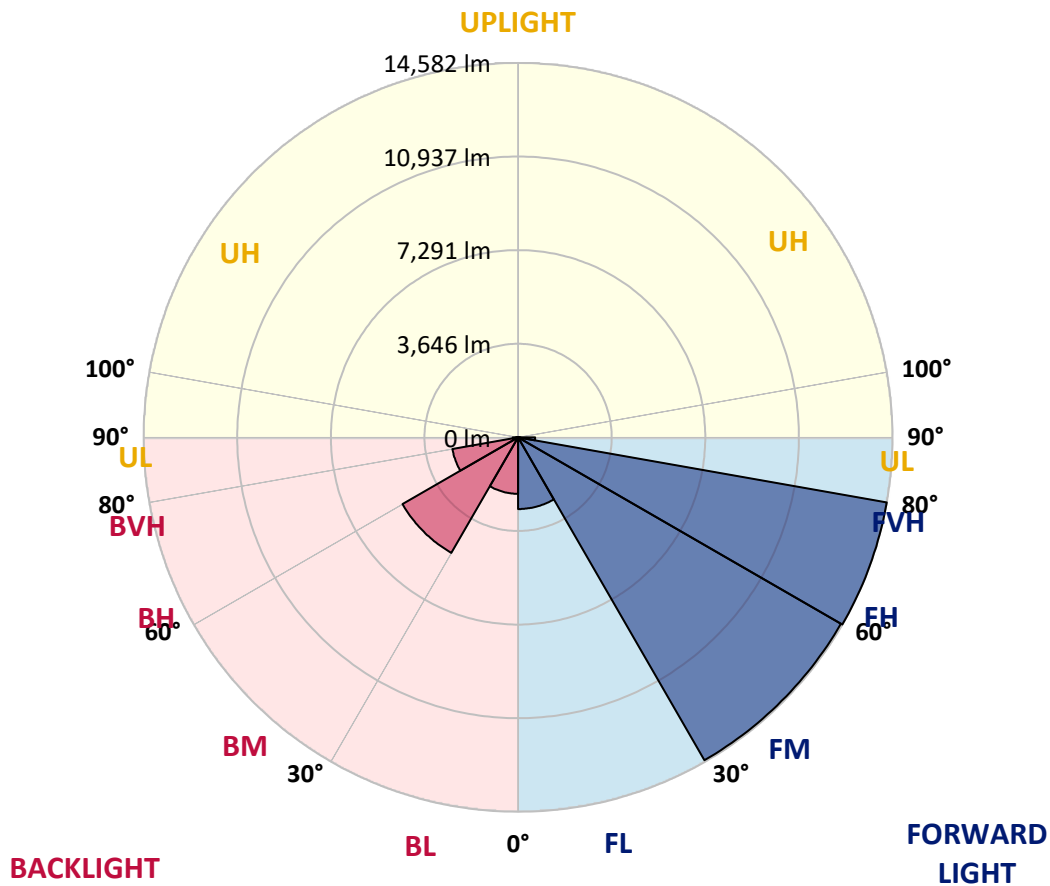
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2792.0	6.5			
FM (30°-60°)	14519.6	34.0			
FH (60°-80°)	14582.3	34.1			G5
FVH (80°-90°)	664.4	1.6			G4/750
BL (0°-30°)	2198.7	5.1	B3/2500		
BM (30°-60°)	5196.9	12.2	B4/8500		
BH (60°-80°)	2597.4	6.1	B4/5000		G4/5000
BVH (80°-90°)	210.9	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°	5675.4	5675.4	5675.4	5675.4	5675.4	5675.4	5675.4	5675.4	5675.4	5675.4	5675.4
2.5°	6099.5	6096.3	6157.8	6251.7	6339.1	6377.9	6442.7	6436.2	6384.4	6316.4	6293.8
5°	6578.7	6591.6	6698.5	6905.7	7135.5	7232.7	7274.7	7258.6	7164.7	7044.9	6834.4
7.5°	7012.5	7035.2	7200.3	7511.1	7796.0	7925.5	8029.1	8009.7	7873.7	7650.3	7339.5
10°	7329.8	7355.7	7553.2	7919.0	8236.3	8349.6	8482.3	8488.8	8369.0	8067.9	7750.7
12.5°	7647.1	7673.0	7857.5	8191.0	8398.2	8401.4	8479.1	8521.2	8527.7	8388.5	8071.2
15°	7977.3	8000.0	8168.3	8356.1	8346.4	8165.1	8165.1	8246.0	8424.1	8524.4	8304.3
17.5°	8259.0	8288.1	8417.6	8356.1	8067.9	7741.0	7702.1	7805.7	8116.5	8501.8	8479.1
20°	8492.1	8514.7	8586.0	8178.0	7653.5	7226.2	7151.7	7271.5	7692.4	8362.6	8611.9
22.5°	8715.5	8728.4	8689.6	7944.9	7206.8	6717.9	6627.2	6753.5	7206.8	8116.5	8725.2
25°	8980.9	8968.0	8783.4	7702.1	6798.8	6316.4	6222.5	6365.0	6837.7	7789.5	8848.2
27.5°	9288.5	9239.9	8864.4	7439.9	6484.8	6018.6	5953.8	6106.0	6546.3	7488.4	8945.3
30°	9550.7	9456.8	8877.3	7206.8	6322.9	5892.3	5853.5	5995.9	6403.8	7284.5	9068.3
32.5°	9842.1	9712.6	8951.8	7145.2	6413.6	6196.6	6248.4	6258.2	6442.7	7226.2	9252.9
35°	10259.8	10091.4	9155.8	7323.3	7346.0	7711.8	7899.6	7647.1	7028.7	7355.7	9602.5
37.5°	10891.1	10677.4	9570.2	8093.8	9272.3	10091.4	10544.7	9968.4	8809.3	7844.6	10130.3
40°	11658.4	11386.4	10101.1	9518.4	11072.4	12383.6	13189.7	12344.7	10641.8	9065.1	10871.7
42.5°	12730.0	12445.1	11130.7	10917.0	12739.7	14691.9	15744.1	14484.7	12257.3	10641.8	12059.8
45°	14598.1	14322.9	13018.1	12318.8	14691.9	17534.5	19010.8	17259.3	13898.8	12224.9	14280.8
47.5°	18049.3	17725.5	15821.8	13872.8	16919.4	21225.3	23290.8	20739.7	15604.9	14038.0	18010.4
50°	22193.3	21882.5	19341.1	15711.8	19379.9	25171.9	28043.6	24828.7	17570.1	16242.7	22468.5
52.5°	27179.1	27120.9	24362.5	18036.3	21940.8	29380.7	33317.5	29358.0	19723.1	19211.5	27519.1
55°	31672.8	32242.6	30740.4	21581.4	25249.6	34667.6	38740.4	34298.5	22643.3	24119.7	33434.1
57.5°	34094.5	35625.9	37934.2	28814.1	30060.5	40987.2	45432.4	40330.0	27661.5	32291.2	38918.4
60°	32495.2	34230.5	38413.4	34259.6	34832.7	46050.7	50955.6	45400.0	32589.1	37963.4	38607.6
62.5°	29833.9	31391.2	35111.1	31080.4	35570.8	47164.5	51085.1	46283.8	34547.8	35085.2	34874.8
65°	26677.3	28247.5	32187.6	27130.6	33223.6	44519.4	47316.6	43684.1	31028.6	31698.7	31776.4
67.5°	22484.7	23935.1	27946.4	24122.9	30283.9	40637.6	41531.1	39980.4	28574.5	29642.9	28525.9
70°	16799.6	18107.5	21649.4	19603.3	25528.0	35580.5	34858.6	35088.4	25819.4	26881.3	23828.3
72.5°	11480.3	12464.5	15501.3	15404.2	19548.3	28483.9	27477.0	29655.8	21565.2	22973.6	18165.8
75°	8029.1	8796.4	11205.1	12169.9	14776.1	21112.0	19567.7	22196.6	16841.7	18852.2	13254.5
77.5°	4927.5	5435.8	7077.3	9016.5	9505.4	14449.1	12153.7	16702.5	11826.7	13749.8	8841.7
80°	2463.8	2709.8	3438.3	5668.9	6303.5	8514.7	6711.4	9696.4	8003.2	8514.7	4891.9
82.5°	744.6	822.3	1006.9	2153.0	3266.7	4901.6	3966.0	5633.3	4370.7	3991.9	1926.3
85°	197.5	223.4	278.4	637.8	1146.1	1758.0	1340.3	2729.2	2094.7	1473.1	725.2
87.5°	16.2	16.2	13.0	13.0	6.5	0.0	0.0	194.3	391.7	223.4	126.3
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°	5675.4	5675.4	5675.4	5675.4	5675.4	5675.4	5675.4	5675.4	5675.4	5675.4	5675.4
2.5°	6180.5	6167.5	6034.8	5937.6	5824.3	5714.3	5600.9	5500.6	5387.3	5273.9	5241.6
5°	6679.0	6588.4	6306.7	6070.4	5837.3	5633.3	5455.3	5270.7	5121.8	4976.1	4921.1
7.5°	7119.3	6960.7	6552.8	6193.4	5869.7	5617.1	5354.9	5086.2	4875.7	4668.5	4616.7
10°	7517.6	7307.1	6792.4	6339.1	5979.7	5691.6	5384.0	5024.7	4720.3	4467.8	4399.8
12.5°	7812.2	7582.3	6999.6	6478.3	6070.4	5746.6	5442.3	5125.0	4804.5	4477.5	4403.1
15°	8045.3	7805.7	7171.1	6585.2	6073.6	5656.0	5361.4	5251.3	5150.9	4830.4	4694.4
17.5°	8233.1	7980.5	7320.1	6649.9	5986.2	5380.8	5125.0	5286.9	5542.7	5341.9	5086.2
20°	8404.6	8148.9	7433.4	6695.2	5792.0	5002.0	4859.5	5202.7	5588.0	5581.5	5351.7
22.5°	8592.4	8343.1	7598.5	6721.1	5520.0	4616.7	4700.9	5079.7	5393.7	5487.6	5345.2
25°	8832.0	8611.9	7828.4	6779.4	5212.4	4351.3	4584.4	4921.1	5183.3	5206.0	5121.8
27.5°	9110.4	8945.3	8171.5	6915.4	4914.6	4215.3	4448.4	4697.7	4937.2	4947.0	4846.6
30°	9414.8	9304.7	8488.8	7028.7	4691.2	4173.2	4273.6	4474.3	4626.4	4652.3	4564.9
32.5°	9803.3	9706.1	8770.5	6954.2	4558.5	4163.5	4111.7	4215.3	4341.5	4341.5	4273.6
35°	10337.5	10201.5	9068.3	6669.3	4396.6	4124.6	3940.1	3969.2	4024.3	4034.0	3995.1
37.5°	11095.0	10871.7	9369.4	6106.0	4131.1	3985.4	3742.6	3707.0	3726.4	3752.3	3742.6
40°	12033.9	11668.1	9809.7	5429.4	3813.8	3716.7	3538.6	3470.6	3454.5	3506.3	3525.7
42.5°	13215.6	12655.5	10282.4	4798.0	3525.7	3409.1	3299.1	3240.8	3214.9	3302.3	3354.1
45°	15103.1	14180.4	10735.7	4173.2	3363.8	3146.9	3072.4	3030.3	3043.3	3146.9	3211.6
47.5°	18363.3	16508.2	11166.3	3778.2	3350.9	2959.1	2868.5	2878.2	2913.8	3023.9	3101.6
50°	22487.9	19626.0	11454.4	3613.1	3389.7	2845.8	2726.0	2777.8	2832.8	2939.7	3030.3
52.5°	26687.0	22530.0	11111.2	3522.4	3386.5	2849.0	2593.3	2748.7	2774.6	2881.4	2978.5
55°	29574.9	22853.8	9599.3	3383.2	3334.7	2978.5	2489.7	2735.7	2751.9	2849.0	2936.4
57.5°	30675.7	21746.5	7320.1	3422.1	3179.3	3078.9	2444.3	2645.1	2761.6	2845.8	2936.4
60°	29345.0	19658.3	4448.4	3522.4	2930.0	3072.4	2473.5	2480.0	2680.7	2823.1	2913.8
62.5°	26836.0	16977.6	3124.2	3237.5	2748.7	2900.8	2541.5	2285.7	2538.2	2709.8	2790.8
65°	23961.0	13824.3	2382.8	2787.5	2661.3	2635.4	2564.1	2114.1	2344.0	2512.3	2583.6
67.5°	20966.3	10745.4	1936.0	2078.5	2405.5	2382.8	2344.0	1961.9	2114.1	2233.9	2314.8
70°	17194.6	7517.6	1635.0	1560.5	2062.3	2136.8	2049.4	1770.9	1819.5	1942.5	2007.3
72.5°	12577.8	4684.7	1343.6	1288.5	1657.6	1868.1	1822.7	1560.5	1583.2	1699.7	1751.5
75°	9045.7	2680.7	1078.1	1061.9	1265.9	1599.3	1508.7	1343.6	1369.5	1456.9	1492.5
77.5°	5749.9	1492.5	832.0	854.7	906.5	1194.7	1288.5	1149.3	1149.3	1201.1	1230.3
80°	3078.9	854.7	608.7	618.4	634.6	913.0	1016.6	890.3	890.3	854.7	890.3
82.5°	1256.2	492.1	417.6	388.5	424.1	624.8	712.3	566.6	592.5	534.2	547.1
85°	414.4	246.1	207.2	204.0	200.7	275.2	343.2	281.7	336.7	213.7	223.4
87.5°	55.0	45.3	25.9	19.4	22.7	9.7	19.4	22.7	22.7	16.2	16.2
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°	5675.4	5675.4	5675.4	5675.4	5675.4	5675.4	5675.4	5675.4	5675.4	5675.4	5675.4
2.5°	5218.9	5193.0	5099.1	5121.8	5105.6	5079.7	5105.6	5057.0	5095.9	5108.8	5189.8
5°	4879.0	4817.5	4726.8	4681.5	4671.8	4645.9	4649.1	4626.4	4632.9	4688.0	4778.6
7.5°	4574.6	4516.4	4445.1	4412.8	4383.6	4354.5	4351.3	4348.0	4373.9	4422.5	4509.9
10°	4354.5	4322.1	4293.0	4305.9	4293.0	4280.0	4257.4	4257.4	4299.5	4386.9	4493.7
12.5°	4354.5	4348.0	4354.5	4393.3	4390.1	4393.3	4364.2	4380.4	4496.9	4645.9	4798.0
15°	4587.6	4535.8	4535.8	4555.2	4548.7	4548.7	4548.7	4616.7	4882.2	5112.1	5273.9
17.5°	4872.5	4720.3	4655.6	4645.9	4642.6	4642.6	4655.6	4801.3	5215.7	5458.5	5552.4
20°	5070.0	4781.8	4675.0	4632.9	4636.2	4642.6	4681.5	4882.2	5338.7	5461.7	5439.1
22.5°	5105.6	4733.3	4603.8	4542.3	4552.0	4558.5	4616.7	4830.4	5170.3	5189.8	5144.4
25°	4940.5	4597.3	4458.1	4409.5	4422.5	4419.2	4471.0	4626.4	4869.3	4862.8	4836.9
27.5°	4694.4	4380.4	4276.8	4244.4	4267.1	4241.2	4257.4	4377.2	4564.9	4558.5	4548.7
30°	4441.9	4169.9	4076.1	4059.9	4089.0	4050.2	4053.4	4153.8	4283.3	4276.8	4273.6
32.5°	4189.4	3959.5	3875.3	3875.3	3904.5	3862.4	3868.9	3956.3	4043.7	4017.8	4017.8
35°	3949.8	3787.9	3719.9	3707.0	3729.6	3700.5	3713.5	3794.4	3826.8	3791.2	3768.5
37.5°	3739.4	3668.1	3600.1	3554.8	3558.1	3561.3	3600.1	3661.7	3642.2	3590.4	3561.3
40°	3545.1	3545.1	3480.4	3396.2	3386.5	3409.1	3473.9	3541.9	3486.8	3428.6	3392.9
42.5°	3405.9	3435.0	3373.5	3289.3	3269.9	3308.8	3380.0	3428.6	3363.8	3299.1	3250.5
45°	3276.4	3347.6	3305.5	3211.6	3185.7	3231.1	3321.7	3341.1	3253.7	3192.2	3156.6
47.5°	3185.7	3282.9	3253.7	3163.1	3124.2	3189.0	3282.9	3279.6	3169.5	3104.8	3075.7
50°	3121.0	3244.0	3240.8	3163.1	3121.0	3201.9	3286.1	3244.0	3124.2	3056.2	3027.1
52.5°	3069.2	3240.8	3263.4	3218.1	3189.0	3260.2	3312.0	3231.1	3091.8	3020.6	2998.0
55°	3046.5	3253.7	3269.9	3227.8	3201.9	3266.7	3312.0	3257.0	3091.8	3027.1	3007.7
57.5°	3053.0	3237.5	3240.8	3182.5	3137.2	3218.1	3289.3	3273.2	3127.5	3053.0	3030.3
60°	3014.1	3150.1	3156.6	3065.9	3014.1	3111.3	3237.5	3227.8	3111.3	3033.6	2991.5
62.5°	2884.6	3004.4	3007.7	2923.5	2849.0	2988.2	3127.5	3124.2	3017.4	2939.7	2891.1
65°	2667.7	2794.0	2826.4	2745.4	2687.2	2836.1	2981.8	2975.3	2868.5	2797.2	2748.7
67.5°	2399.0	2535.0	2596.5	2541.5	2518.8	2654.8	2790.8	2787.5	2700.1	2632.1	2590.0
70°	2072.0	2185.3	2288.9	2288.9	2272.8	2428.2	2573.8	2560.9	2480.0	2428.2	2395.8
72.5°	1800.1	1887.5	1919.9	1952.2	2000.8	2162.7	2285.7	2295.4	2237.1	2211.2	2237.1
75°	1531.4	1586.4	1615.5	1589.6	1673.8	1842.2	2004.0	2020.2	1958.7	1916.6	1926.3
77.5°	1259.4	1320.9	1350.1	1291.8	1285.3	1499.0	1696.5	1732.1	1680.3	1615.5	1635.0
80°	909.7	990.7	1039.2	1000.4	987.4	1081.3	1353.3	1392.1	1343.6	1291.8	1320.9
82.5°	556.9	602.2	615.1	654.0	734.9	773.8	870.9	1000.4	964.8	919.5	1000.4
85°	220.2	262.2	291.4	330.2	385.3	456.5	537.4	641.0	582.8	563.3	663.7
87.5°	13.0	3.2	0.0	6.5	55.0	106.8	229.9	317.3	265.5	284.9	343.2
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°	5675.4	5675.4	5675.4	5675.4	5675.4	5675.4	5675.4	5675.4	5675.4	5675.4
2.5°	5254.5	5338.7	5452.0	5545.9	5665.7	5779.0	5895.6	6012.1	6073.6	6099.5
5°	4882.2	5037.6	5218.9	5419.6	5652.7	5898.8	6148.1	6403.8	6565.7	6578.7
7.5°	4658.8	4882.2	5131.5	5384.0	5672.2	6012.1	6407.1	6802.1	6967.2	7012.5
10°	4730.0	4979.3	5176.8	5413.2	5730.4	6154.6	6620.8	7083.7	7274.7	7329.8
12.5°	5014.9	5063.5	5125.0	5341.9	5730.4	6277.6	6840.9	7391.3	7595.3	7647.1
15°	5251.3	5018.2	4908.1	5138.0	5652.7	6384.4	7074.0	7682.7	7928.7	7977.3
17.5°	5270.7	4869.3	4629.7	4836.9	5516.8	6458.9	7297.4	8006.4	8213.6	8259.0
20°	5073.2	4710.6	4399.8	4526.1	5332.2	6491.3	7459.3	8242.8	8446.7	8492.1
22.5°	4849.8	4581.1	4244.4	4237.9	5108.8	6526.9	7653.5	8466.2	8686.3	8715.5
25°	4639.4	4403.1	4118.1	4027.5	4849.8	6594.9	7915.8	8802.9	8971.2	8980.9
27.5°	4393.3	4212.0	4017.8	3930.4	4623.2	6724.4	8304.3	9204.3	9304.7	9288.5
30°	4169.9	4034.0	3946.6	3920.7	4480.8	6821.5	8673.4	9599.3	9605.8	9550.7
32.5°	3933.6	3881.8	3881.8	3966.0	4364.2	6798.8	8974.5	9984.6	9923.1	9842.1
35°	3723.2	3732.9	3800.9	3998.4	4169.9	6572.2	9262.6	10467.0	10376.3	10259.8
37.5°	3522.4	3596.9	3694.0	3885.0	3914.2	6235.5	9599.3	11150.1	11036.8	10891.1
40°	3350.9	3464.2	3577.5	3671.4	3642.2	5756.3	10068.7	11953.0	11826.7	11658.4
42.5°	3214.9	3325.0	3451.2	3460.9	3470.6	5257.8	10567.3	12937.2	12914.5	12730.0
45°	3127.5	3198.7	3318.5	3302.3	3460.9	4707.4	11027.1	14439.4	14737.3	14598.1
47.5°	3069.2	3124.2	3137.2	3205.2	3545.1	4215.3	11619.5	17379.1	18207.9	18049.3
50°	3036.8	3091.8	2946.2	3211.6	3558.1	3898.0	12438.6	21069.9	22403.8	22193.3
52.5°	3033.6	3020.6	2800.5	3279.6	3486.8	3703.7	12866.0	23763.5	26722.6	27179.1
55°	3040.0	2878.2	2726.0	3299.1	3344.4	3632.5	11435.0	25058.5	30708.0	31672.8
57.5°	2981.8	2722.8	2768.1	3221.4	3075.7	3823.5	8453.2	24595.6	32300.9	34094.5
60°	2871.7	2573.8	2845.8	3010.9	2800.5	3496.5	5821.1	22530.0	30649.8	32495.2
62.5°	2713.1	2470.2	2836.1	2739.0	2700.1	2862.0	4001.6	19638.9	28030.6	29833.9
65°	2535.0	2386.1	2683.9	2476.7	2499.4	2201.5	2829.6	16375.5	24903.1	26677.3
67.5°	2344.0	2334.3	2460.5	2204.8	2110.9	1745.0	2062.3	13125.0	20885.4	22484.7
70°	2127.1	2198.3	2237.1	1958.7	1712.7	1369.5	1531.4	9178.4	15407.4	16799.6
72.5°	1910.1	1916.6	1971.7	1702.9	1282.1	1097.5	1149.3	5558.9	10467.0	11480.3
75°	1690.0	1628.5	1680.3	1385.7	955.1	900.0	887.1	3435.0	7229.4	8029.1
77.5°	1453.7	1385.7	1317.7	1042.5	767.3	696.1	679.9	1926.3	4435.4	4927.5
80°	1181.7	1091.1	984.2	764.1	560.1	498.6	495.3	938.9	2211.2	2463.8
82.5°	919.5	747.9	718.7	475.9	346.4	304.3	323.8	359.4	666.9	744.6
85°	644.3	543.9	382.0	191.0	155.4	126.3	123.0	106.8	178.1	197.5
87.5°	359.4	236.3	123.0	22.7	25.9	29.1	22.7	16.2	16.2	16.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)