

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: P638266

Luminaire Tested: GWS-SA4E-740-U-SLR-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P638266
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-SA4E-740-U-SLR-W
Description: GALLEON WALL SLIM LUMINAIRE. (4) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT OPTICS
Light Source: (64) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 28975.9 lumens
Efficiency: N/A
Efficacy: 143.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G4

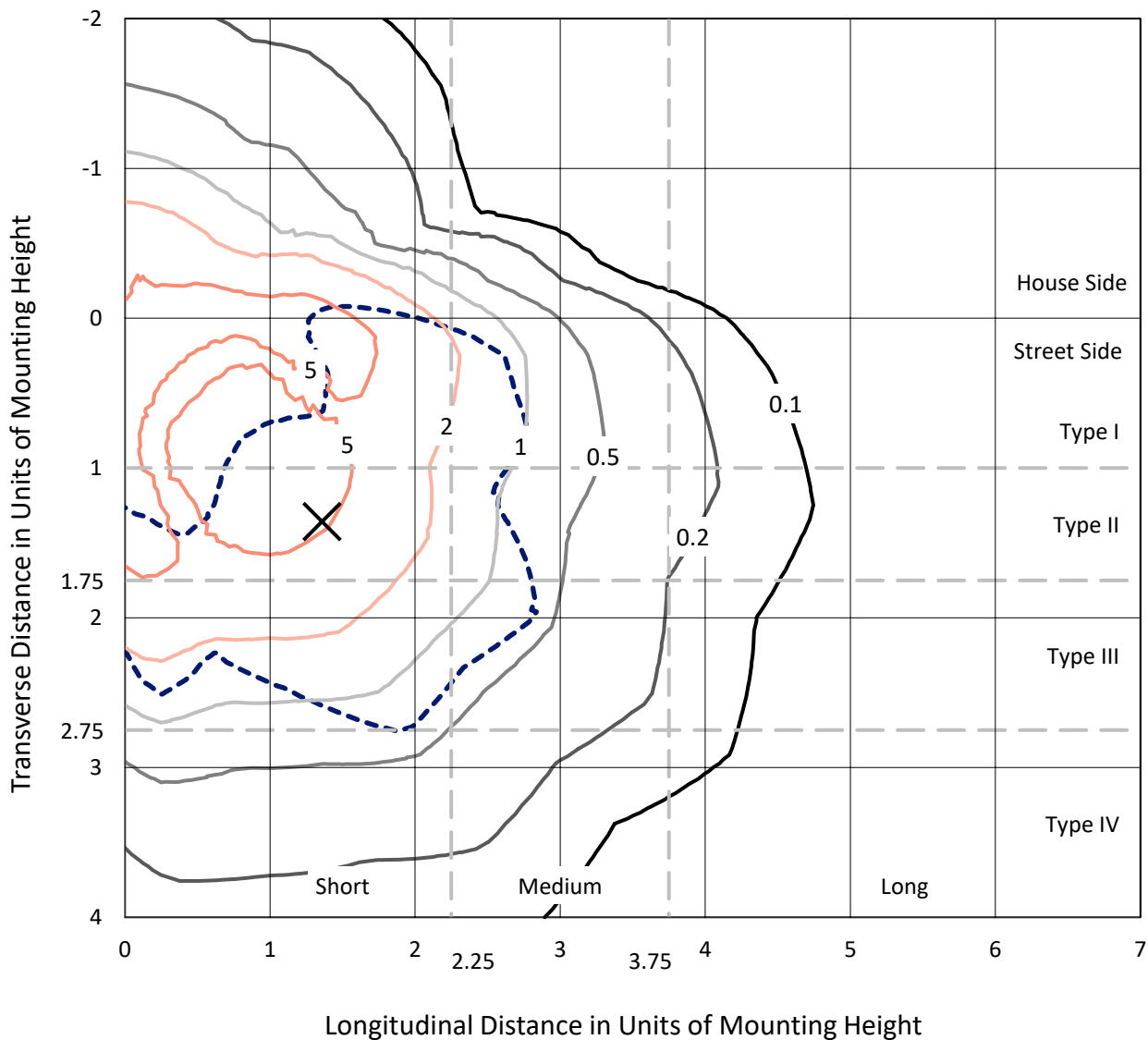
Input Watts (W): 202.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

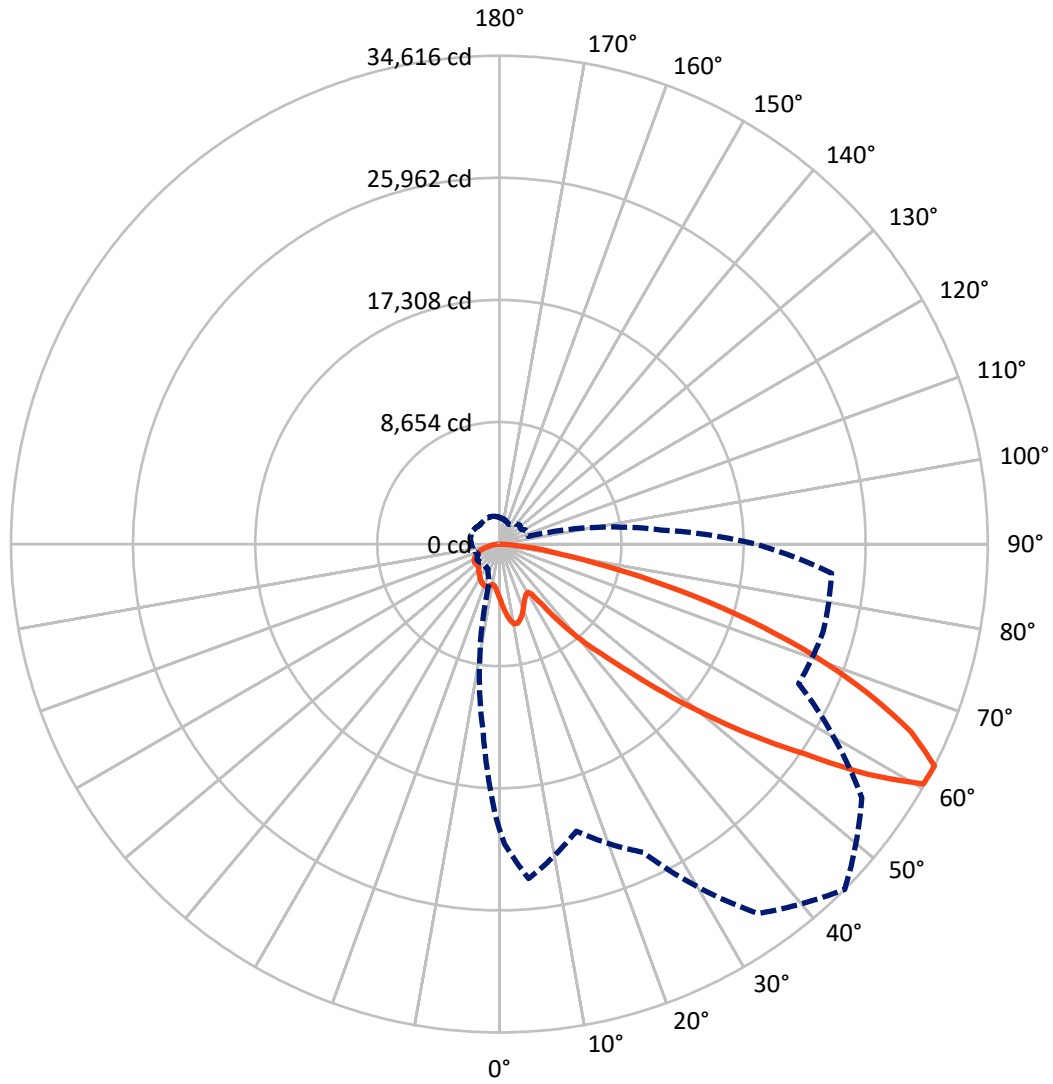
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.8 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	6914.2	0.0	6914.2
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	22061.7	0.0	22061.7
	% Fixture	76.1	0.0	76.1
Total	Lumens	28975.9	0.0	28975.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	375.6	1.3
10°-20°	1177.4	4.1
20°-30°	1828.8	6.3
30°-40°	2483.0	8.6
40°-50°	3935.3	13.6
50°-60°	6941.8	24.0
60°-70°	7723.8	26.7
70°-80°	3917.2	13.5
80°-90°	593.2	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°	28975.9	100.0
0°-180°	28975.9	100.0

Coefficient of Utilization



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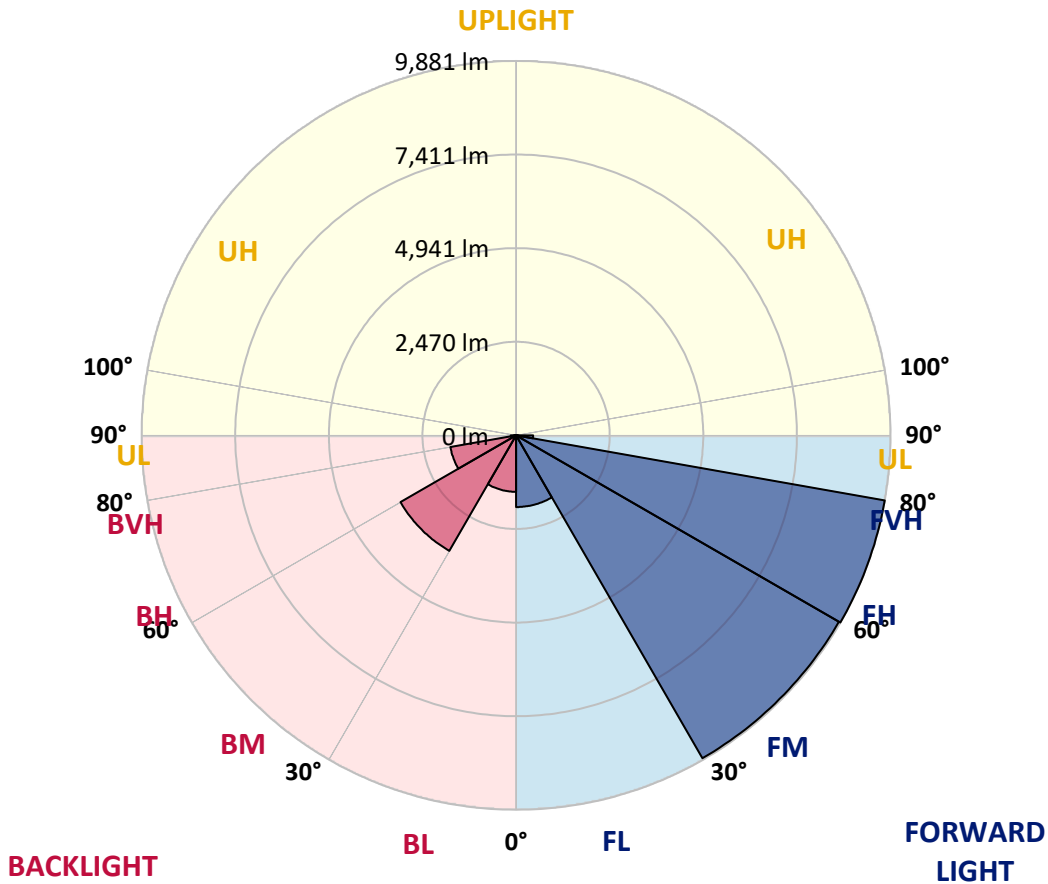
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1891.9	6.5			
FM (30°-60°)	9838.6	34.0			
FH (60°-80°)	9881.0	34.1			G4/12000
FVH (80°-90°)	450.2	1.6			G3/500
BL (0°-30°)	1489.8	5.1	B3/2500		
BM (30°-60°)	3521.4	12.2	B3/5000		
BH (60°-80°)	1760.0	6.1	B3/2500		G3/2500
BVH (80°-90°)	142.9	0.5			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3845.7	3845.7	3845.7	3845.7	3845.7	3845.7	3845.7	3845.7	3845.7	3845.7	3845.7
2.5°	4133.1	4130.9	4172.6	4236.2	4295.4	4321.7	4365.6	4361.2	4326.1	4280.1	4264.7
5°	4457.8	4466.5	4538.9	4679.3	4835.1	4900.9	4929.4	4918.5	4854.8	4773.7	4631.1
7.5°	4751.7	4767.1	4879.0	5089.6	5282.6	5370.4	5440.6	5427.4	5335.3	5183.9	4973.3
10°	4966.7	4984.3	5118.1	5366.0	5581.0	5657.8	5747.7	5752.1	5670.9	5466.9	5251.9
12.5°	5181.7	5199.3	5324.3	5550.3	5690.7	5692.9	5745.5	5774.0	5778.4	5684.1	5469.1
15°	5405.5	5420.8	5534.9	5662.1	5655.6	5532.7	5532.7	5587.6	5708.2	5776.2	5627.0
17.5°	5596.3	5616.1	5703.8	5662.1	5466.9	5245.3	5219.0	5289.2	5499.8	5760.9	5745.5
20°	5754.3	5769.6	5817.9	5541.5	5186.1	4896.5	4846.1	4927.2	5212.4	5666.5	5835.5
22.5°	5905.7	5914.4	5888.1	5383.5	4883.4	4552.1	4490.7	4576.2	4883.4	5499.8	5912.2
25°	6085.5	6076.8	5951.7	5219.0	4606.9	4280.1	4216.4	4313.0	4633.3	5278.2	5995.6
27.5°	6294.0	6261.0	6006.6	5041.3	4394.1	4078.2	4034.4	4137.5	4435.8	5074.2	6061.4
30°	6471.6	6408.0	6015.3	4883.4	4284.4	3992.7	3966.4	4062.9	4339.3	4936.0	6144.8
32.5°	6669.1	6581.3	6065.8	4841.7	4345.9	4198.9	4234.0	4240.6	4365.6	4896.5	6269.8
35°	6952.1	6838.0	6204.0	4962.3	4977.7	5225.6	5352.8	5181.7	4762.7	4984.3	6506.7
37.5°	7379.9	7235.1	6484.8	5484.4	6283.0	6838.0	7145.1	6754.6	5969.3	5315.5	6864.3
40°	7899.8	7715.5	6844.6	6449.7	7502.7	8391.2	8937.5	8364.9	7210.9	6142.6	7366.7
42.5°	8625.9	8432.9	7542.2	7397.4	8632.5	9955.4	10668.3	9815.0	8305.6	7210.9	8171.8
45°	9891.7	9705.3	8821.2	8347.3	9955.4	11881.5	12881.9	11695.0	9417.9	8283.7	9676.8
47.5°	12230.3	12010.9	10721.0	9400.3	11464.7	14382.4	15782.0	14053.3	10574.0	9512.2	12204.0
50°	15038.4	14827.7	13105.6	10646.4	13132.0	17056.6	19002.5	16824.1	11905.6	11006.2	15224.8
52.5°	18416.8	18377.3	16508.2	12221.5	14867.2	19908.5	22576.2	19893.2	13364.5	13017.9	18647.1
55°	21461.7	21847.8	20829.9	14623.7	17109.3	23491.0	26250.8	23240.9	15343.3	16343.6	22655.2
57.5°	23102.7	24140.3	25704.5	19524.6	20369.2	27773.2	30785.3	27327.9	18743.6	21880.7	26371.4
60°	22019.0	23194.8	26029.2	23214.6	23602.9	31204.3	34527.9	30763.4	22082.6	25724.2	26160.8
62.5°	20215.7	21270.9	23791.5	21060.3	24103.0	31959.0	34615.6	31362.3	23409.8	23774.0	23631.4
65°	18076.7	19140.7	21810.5	18383.9	22512.6	30166.6	32062.1	29600.7	21025.2	21479.3	21531.9
67.5°	15235.8	16218.6	18936.7	16345.8	20520.6	27536.3	28141.8	27091.0	19362.3	20086.2	19329.4
70°	11383.5	12269.8	14669.8	13283.3	17297.9	24109.6	23620.4	23776.2	17495.4	18214.9	16146.2
72.5°	7779.1	8446.0	10503.8	10438.0	13246.0	19300.9	18618.6	20095.0	14612.8	15567.1	12309.3
75°	5440.6	5960.5	7592.7	8246.4	10012.4	14305.6	13259.2	15040.5	11412.0	12774.4	8981.3
77.5°	3338.9	3683.4	4795.6	6109.7	6440.9	9790.8	8235.4	11317.7	8013.9	9317.0	5991.2
80°	1669.5	1836.2	2329.8	3841.3	4271.3	5769.6	4547.7	6570.4	5423.0	5769.6	3314.8
82.5°	504.6	557.2	682.3	1458.9	2213.5	3321.4	2687.4	3817.2	2961.6	2704.9	1305.3
85°	133.8	151.4	188.7	432.2	776.6	1191.2	908.2	1849.4	1419.4	998.2	491.4
87.5°	11.0	11.0	8.8	8.8	4.4	0.0	0.0	131.6	265.4	151.4	85.6
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°	3845.7	3845.7	3845.7	3845.7	3845.7	3845.7	3845.7	3845.7	3845.7	3845.7	3845.7
2.5°	4187.9	4179.1	4089.2	4023.4	3946.6	3872.0	3795.2	3727.2	3650.4	3573.7	3551.7
5°	4525.8	4464.3	4273.5	4113.3	3955.4	3817.2	3696.5	3571.5	3470.6	3371.8	3334.5
7.5°	4824.1	4716.6	4440.2	4196.7	3977.3	3806.2	3628.5	3446.4	3303.8	3163.4	3128.3
10°	5094.0	4951.4	4602.5	4295.4	4051.9	3856.7	3648.3	3404.7	3198.5	3027.4	2981.3
12.5°	5293.6	5137.8	4742.9	4389.8	4113.3	3894.0	3687.7	3472.8	3255.6	3034.0	2983.5
15°	5451.5	5289.2	4859.2	4462.1	4115.5	3832.5	3632.9	3558.3	3490.3	3273.1	3181.0
17.5°	5578.8	5407.7	4960.1	4506.0	4056.3	3646.1	3472.8	3582.4	3755.7	3619.7	3446.4
20°	5695.0	5521.7	5036.9	4536.7	3924.7	3389.4	3292.9	3525.4	3786.5	3782.1	3626.3
22.5°	5822.3	5653.4	5148.8	4554.3	3740.4	3128.3	3185.4	3442.0	3654.8	3718.5	3621.9
25°	5984.6	5835.5	5304.6	4593.8	3532.0	2948.4	3106.4	3334.5	3512.2	3527.6	3470.6
27.5°	6173.3	6061.4	5537.1	4685.9	3330.2	2856.3	3014.3	3183.2	3345.5	3352.1	3284.1
30°	6379.5	6304.9	5752.1	4762.7	3178.8	2827.8	2895.8	3031.8	3134.9	3152.5	3093.2
32.5°	6642.8	6576.9	5942.9	4712.2	3088.8	2821.2	2786.1	2856.3	2941.9	2941.9	2895.8
35°	7004.7	6912.6	6144.8	4519.2	2979.2	2794.9	2669.8	2689.6	2726.9	2733.4	2707.1
37.5°	7518.1	7366.7	6348.8	4137.5	2799.3	2700.5	2536.0	2511.9	2525.0	2542.6	2536.0
40°	8154.3	7906.4	6647.1	3679.0	2584.3	2518.5	2397.8	2351.7	2340.8	2375.9	2389.0
42.5°	8955.0	8575.5	6967.4	3251.2	2389.0	2310.0	2235.5	2196.0	2178.4	2237.7	2272.8
45°	10234.0	9608.7	7274.6	2827.8	2279.3	2132.4	2081.9	2053.4	2062.2	2132.4	2176.2
47.5°	12443.1	11186.1	7566.3	2560.1	2270.6	2005.1	1943.7	1950.3	1974.4	2049.0	2101.6
50°	15238.0	13298.7	7761.6	2448.3	2296.9	1928.3	1847.2	1882.3	1919.6	1992.0	2053.4
52.5°	18083.3	15266.5	7529.0	2386.8	2294.7	1930.5	1757.2	1862.5	1880.1	1952.5	2018.3
55°	20040.2	15485.9	6504.6	2292.5	2259.6	2018.3	1687.0	1853.7	1864.7	1930.5	1989.8
57.5°	20786.1	14735.6	4960.1	2318.8	2154.3	2086.3	1656.3	1792.3	1871.3	1928.3	1989.8
60°	19884.4	13320.6	3014.3	2386.8	1985.4	2081.9	1676.0	1680.4	1816.4	1913.0	1974.4
62.5°	18184.2	11504.2	2117.0	2193.8	1862.5	1965.6	1722.1	1548.8	1719.9	1836.2	1891.0
65°	16236.2	9367.4	1614.6	1888.8	1803.3	1785.7	1737.5	1432.5	1588.3	1702.4	1750.6
67.5°	14206.9	7281.2	1311.9	1408.4	1630.0	1614.6	1588.3	1329.4	1432.5	1513.7	1568.6
70°	11651.2	5094.0	1107.9	1057.4	1397.4	1447.9	1388.7	1200.0	1232.9	1316.3	1360.1
72.5°	8522.8	3174.4	910.4	873.1	1123.2	1265.8	1235.1	1057.4	1072.8	1151.7	1186.8
75°	6129.4	1816.4	730.5	719.6	857.8	1083.7	1022.3	910.4	928.0	987.2	1011.3
77.5°	3896.2	1011.3	563.8	579.2	614.3	809.5	873.1	778.8	778.8	813.9	833.6
80°	2086.3	579.2	412.4	419.0	430.0	618.6	688.8	603.3	603.3	579.2	603.3
82.5°	851.2	333.5	283.0	263.3	287.4	423.4	482.6	383.9	401.5	362.0	370.7
85°	280.8	166.7	140.4	138.2	136.0	186.5	232.5	190.9	228.2	144.8	151.4
87.5°	37.3	30.7	17.6	13.2	15.4	6.6	13.2	15.4	15.4	11.0	11.0
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°	3845.7	3845.7	3845.7	3845.7	3845.7	3845.7	3845.7	3845.7	3845.7	3845.7	3845.7
2.5°	3536.4	3518.8	3455.2	3470.6	3459.6	3442.0	3459.6	3426.7	3453.0	3461.8	3516.6
5°	3306.0	3264.3	3202.9	3172.2	3165.6	3148.1	3150.3	3134.9	3139.3	3176.6	3238.0
7.5°	3099.8	3060.3	3012.1	2990.1	2970.4	2950.6	2948.4	2946.2	2963.8	2996.7	3055.9
10°	2950.6	2928.7	2909.0	2917.7	2909.0	2900.2	2884.8	2884.8	2913.3	2972.6	3045.0
12.5°	2950.6	2946.2	2950.6	2977.0	2974.8	2977.0	2957.2	2968.2	3047.2	3148.1	3251.2
15°	3108.6	3073.5	3073.5	3086.6	3082.3	3082.3	3082.3	3128.3	3308.2	3464.0	3573.7
17.5°	3301.6	3198.5	3154.7	3148.1	3145.9	3145.9	3154.7	3253.4	3534.2	3698.7	3762.3
20°	3435.5	3240.2	3167.8	3139.3	3141.5	3145.9	3172.2	3308.2	3617.5	3700.9	3685.5
22.5°	3459.6	3207.3	3119.6	3077.9	3084.5	3088.8	3128.3	3273.1	3503.5	3516.6	3485.9
25°	3347.7	3115.2	3020.8	2987.9	2996.7	2994.5	3029.6	3134.9	3299.4	3295.1	3277.5
27.5°	3181.0	2968.2	2898.0	2876.0	2891.4	2873.8	2884.8	2966.0	3093.2	3088.8	3082.3
30°	3009.9	2825.6	2762.0	2751.0	2770.7	2744.4	2746.6	2814.6	2902.4	2898.0	2895.8
32.5°	2838.7	2683.0	2626.0	2626.0	2645.7	2617.2	2621.6	2680.8	2740.0	2722.5	2722.5
35°	2676.4	2566.7	2520.7	2511.9	2527.2	2507.5	2516.3	2571.1	2593.0	2568.9	2553.6
37.5°	2533.8	2485.6	2439.5	2408.8	2411.0	2413.2	2439.5	2481.2	2468.0	2432.9	2413.2
40°	2402.2	2402.2	2358.3	2301.3	2294.7	2310.0	2353.9	2400.0	2362.7	2323.2	2299.1
42.5°	2307.9	2327.6	2285.9	2228.9	2215.7	2242.0	2290.3	2323.2	2279.3	2235.5	2202.6
45°	2220.1	2268.4	2239.8	2176.2	2158.7	2189.4	2250.8	2264.0	2204.7	2163.1	2138.9
47.5°	2158.7	2224.5	2204.7	2143.3	2117.0	2160.9	2224.5	2222.3	2147.7	2103.8	2084.1
50°	2114.8	2198.2	2196.0	2143.3	2114.8	2169.6	2226.7	2198.2	2117.0	2070.9	2051.2
52.5°	2079.7	2196.0	2211.3	2180.6	2160.9	2209.1	2244.2	2189.4	2095.1	2046.8	2031.4
55°	2064.3	2204.7	2215.7	2187.2	2169.6	2213.5	2244.2	2206.9	2095.1	2051.2	2038.0
57.5°	2068.7	2193.8	2196.0	2156.5	2125.8	2180.6	2228.9	2217.9	2119.2	2068.7	2053.4
60°	2042.4	2134.5	2138.9	2077.5	2042.4	2108.2	2193.8	2187.2	2108.2	2055.6	2027.1
62.5°	1954.7	2035.8	2038.0	1981.0	1930.5	2024.9	2119.2	2117.0	2044.6	1992.0	1959.0
65°	1807.7	1893.2	1915.2	1860.3	1820.8	1921.7	2020.5	2016.1	1943.7	1895.4	1862.5
67.5°	1625.6	1717.7	1759.4	1722.1	1706.8	1798.9	1891.0	1888.8	1829.6	1783.5	1755.0
70°	1404.0	1480.8	1551.0	1551.0	1540.0	1645.3	1744.1	1735.3	1680.4	1645.3	1623.4
72.5°	1219.7	1279.0	1300.9	1322.8	1355.8	1465.4	1548.8	1555.4	1515.9	1498.4	1515.9
75°	1037.7	1075.0	1094.7	1077.1	1134.2	1248.3	1357.9	1368.9	1327.2	1298.7	1305.3
77.5°	853.4	895.1	914.8	875.3	870.9	1015.7	1149.5	1173.7	1138.6	1094.7	1107.9
80°	616.5	671.3	704.2	677.9	669.1	732.7	917.0	943.3	910.4	875.3	895.1
82.5°	377.3	408.0	416.8	443.1	498.0	524.3	590.1	677.9	653.7	623.0	677.9
85°	149.2	177.7	197.4	223.8	261.1	309.3	364.2	434.4	394.9	381.7	449.7
87.5°	8.8	2.2	0.0	4.4	37.3	72.4	155.8	215.0	179.9	193.1	232.5
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°	3845.7	3845.7	3845.7	3845.7	3845.7	3845.7	3845.7	3845.7	3845.7	3845.7
2.5°	3560.5	3617.5	3694.3	3757.9	3839.1	3915.9	3994.9	4073.8	4115.5	4133.1
5°	3308.2	3413.5	3536.4	3672.4	3830.3	3997.1	4166.0	4339.3	4449.0	4457.8
7.5°	3156.8	3308.2	3477.1	3648.3	3843.5	4073.8	4341.5	4609.1	4721.0	4751.7
10°	3205.1	3374.0	3507.9	3668.0	3883.0	4170.4	4486.3	4800.0	4929.4	4966.7
12.5°	3398.2	3431.1	3472.8	3619.7	3883.0	4253.7	4635.5	5008.4	5146.6	5181.7
15°	3558.3	3400.4	3325.8	3481.5	3830.3	4326.1	4793.4	5205.8	5372.6	5405.5
17.5°	3571.5	3299.4	3137.1	3277.5	3738.2	4376.6	4944.8	5425.2	5565.6	5596.3
20°	3437.7	3191.9	2981.3	3066.9	3613.2	4398.5	5054.5	5585.4	5723.6	5754.3
22.5°	3286.3	3104.2	2876.0	2871.7	3461.8	4422.7	5186.1	5736.7	5885.9	5905.7
25°	3143.7	2983.5	2790.5	2729.1	3286.3	4468.7	5363.8	5964.9	6079.0	6085.5
27.5°	2977.0	2854.1	2722.5	2663.2	3132.7	4556.5	5627.0	6236.9	6304.9	6294.0
30°	2825.6	2733.4	2674.2	2656.7	3036.2	4622.3	5877.1	6504.6	6508.9	6471.6
32.5°	2665.4	2630.3	2630.3	2687.4	2957.2	4606.9	6081.2	6765.6	6723.9	6669.1
35°	2522.8	2529.4	2575.5	2709.3	2825.6	4453.4	6276.4	7092.5	7031.1	6952.1
37.5°	2386.8	2437.3	2503.1	2632.5	2652.3	4225.2	6504.6	7555.4	7478.6	7379.9
40°	2270.6	2347.3	2424.1	2487.7	2468.0	3900.5	6822.7	8099.4	8013.9	7899.8
42.5°	2178.4	2253.0	2338.6	2345.1	2351.7	3562.7	7160.5	8766.3	8751.0	8625.9
45°	2119.2	2167.5	2248.6	2237.7	2345.1	3189.8	7472.0	9784.3	9986.1	9891.7
47.5°	2079.7	2117.0	2125.8	2171.8	2402.2	2856.3	7873.5	11776.2	12337.8	12230.3
50°	2057.8	2095.1	1996.3	2176.2	2411.0	2641.3	8428.5	14277.1	15180.9	15038.4
52.5°	2055.6	2046.8	1897.6	2222.3	2362.7	2509.7	8718.1	16102.3	18107.4	18416.8
55°	2060.0	1950.3	1847.2	2235.5	2266.2	2461.4	7748.4	16979.8	20808.0	21461.7
57.5°	2020.5	1845.0	1875.7	2182.8	2084.1	2590.9	5728.0	16666.1	21887.3	23102.7
60°	1945.9	1744.1	1928.3	2040.2	1897.6	2369.3	3944.4	15266.5	20768.5	22019.0
62.5°	1838.4	1673.9	1921.7	1855.9	1829.6	1939.3	2711.5	13307.5	18993.7	20215.7
65°	1717.7	1616.8	1818.6	1678.2	1693.6	1491.8	1917.4	11096.1	16874.5	18076.7
67.5°	1588.3	1581.7	1667.3	1494.0	1430.3	1182.4	1397.4	8893.6	14152.1	15235.8
70°	1441.3	1489.6	1515.9	1327.2	1160.5	928.0	1037.7	6219.4	10440.2	11383.5
72.5°	1294.3	1298.7	1336.0	1153.9	868.7	743.7	778.8	3766.7	7092.5	7779.1
75°	1145.2	1103.5	1138.6	938.9	647.2	609.9	601.1	2327.6	4898.7	5440.6
77.5°	985.0	938.9	892.9	706.4	519.9	471.7	460.7	1305.3	3005.5	3338.9
80°	800.7	739.3	666.9	517.7	379.5	337.8	335.6	636.2	1498.4	1669.5
82.5°	623.0	506.8	487.0	322.5	234.7	206.2	219.4	243.5	451.9	504.6
85°	436.6	368.6	258.9	129.4	105.3	85.6	83.4	72.4	120.7	133.8
87.5°	243.5	160.1	83.4	15.4	17.6	19.7	15.4	11.0	11.0	11.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)