

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: P640136

Luminaire Tested: GWS-SA5D-730-U-SLR-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P640136
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-SA5D-730-U-SLR-W
Description: GALLEON WALL SLIM LUMINAIRE. (5) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT OPTICS
Light Source: (80) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25901.6 lumens
Efficiency: N/A
Efficacy: 126.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G4

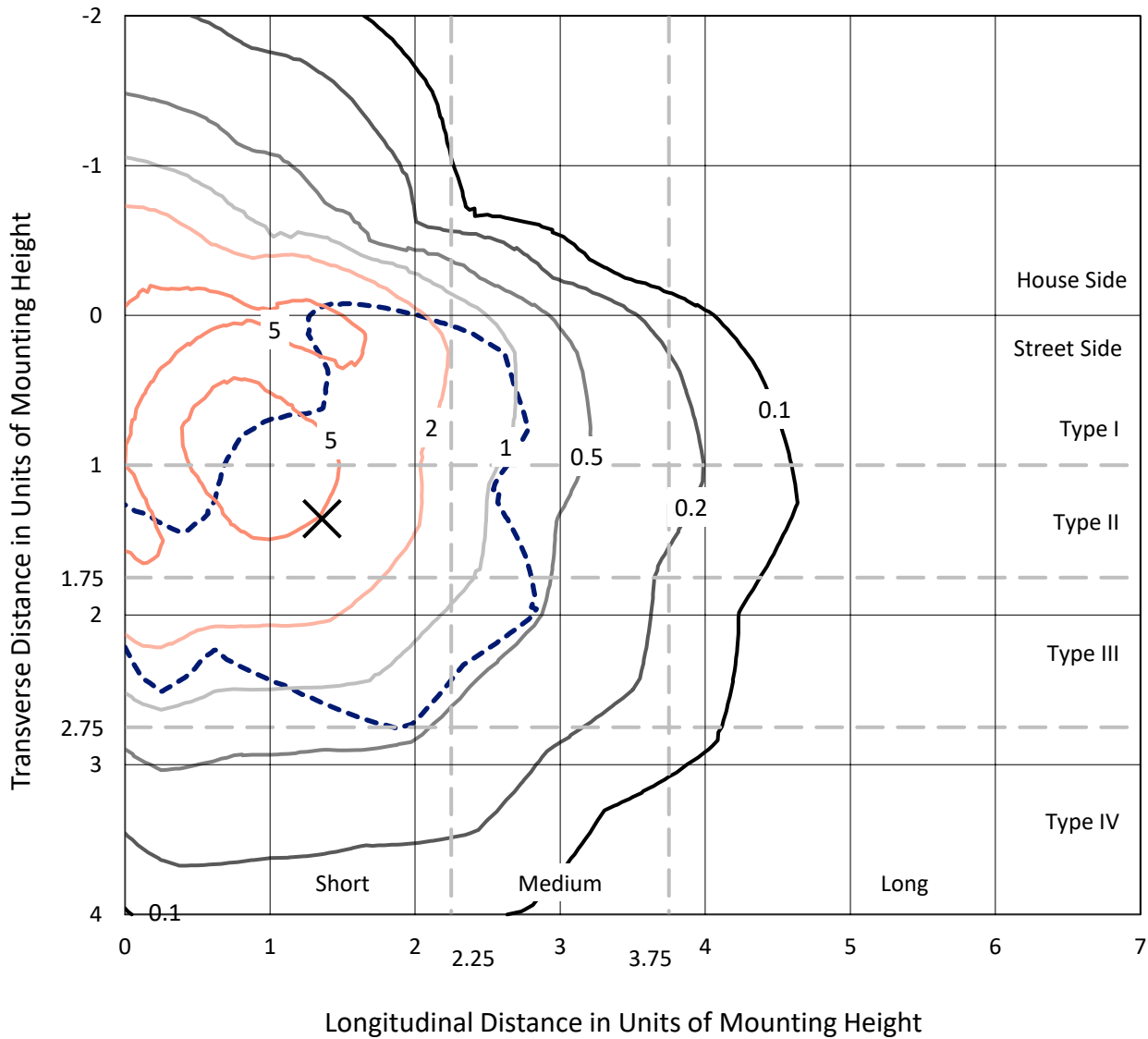
Input Watts (W): 204.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

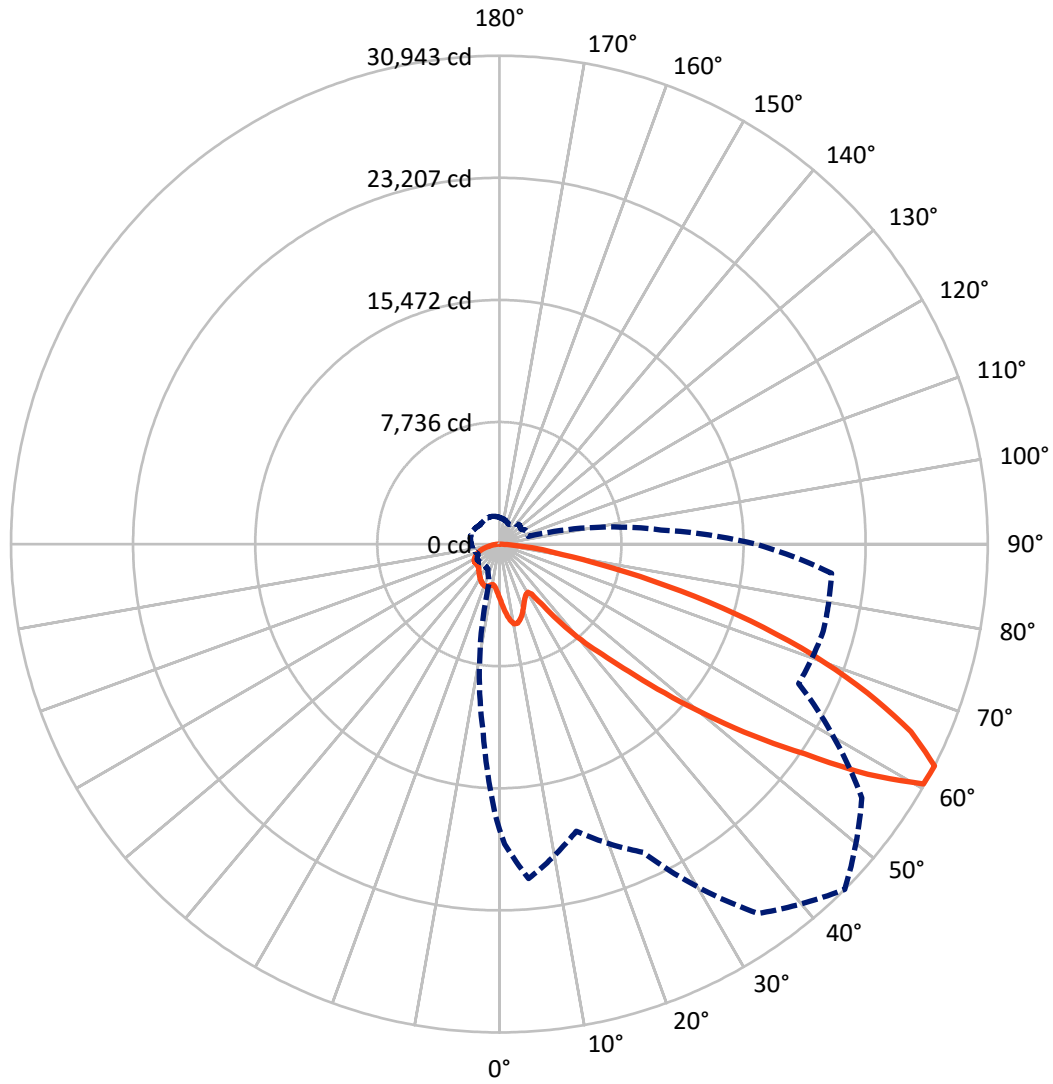
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.8 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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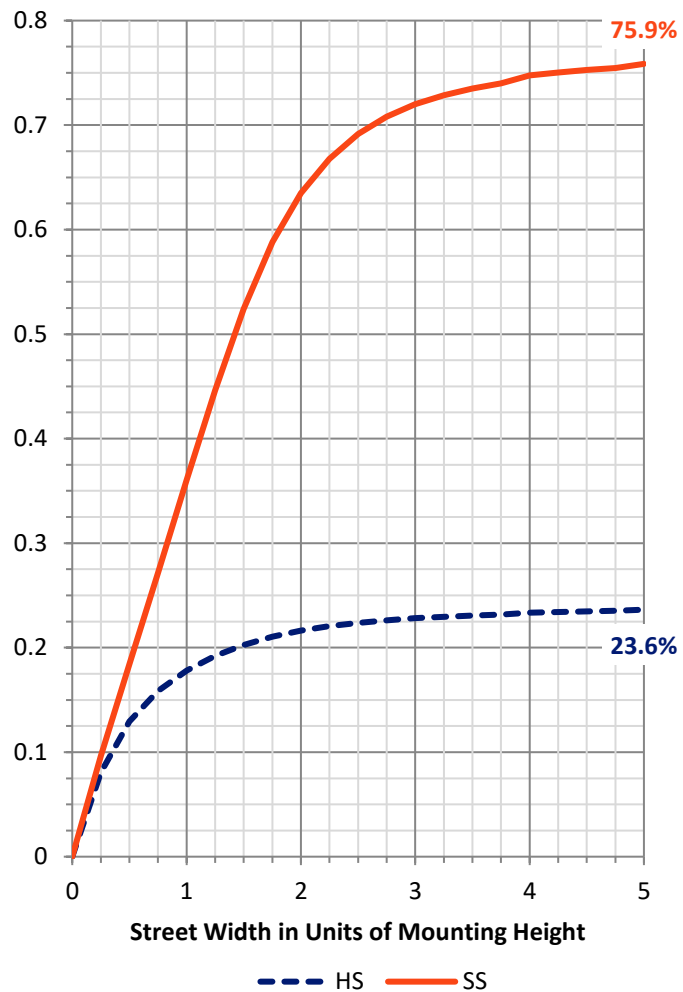
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6180.6	0.0	6180.6
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	19721.0	0.0	19721.0
	% Fixture	76.1	0.0	76.1
Total	Lumens	25901.6	0.0	25901.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	335.7	1.3
10°-20°	1052.5	4.1
20°-30°	1634.7	6.3
30°-40°	2219.5	8.6
40°-50°	3517.7	13.6
50°-60°	6205.3	24.0
60°-70°	6904.3	26.7
70°-80°	3501.6	13.5
80°-90°	530.2	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°	25901.6	100.0
0°-180°	25901.6	100.0

Coefficient of Utilization



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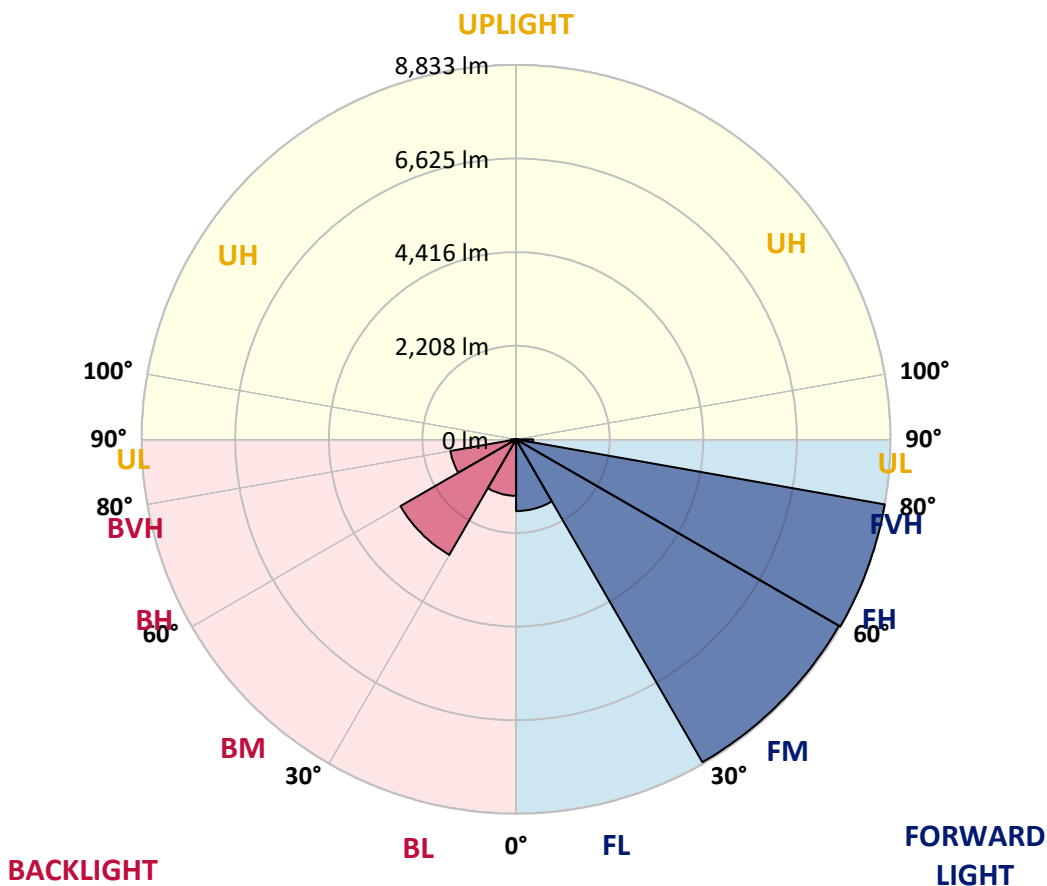
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1691.2	6.5			
FM (30°-60°)	8794.7	34.0			
FH (60°-80°)	8832.7	34.1			G4/12000
FVH (80°-90°)	402.4	1.6			G3/500
BL (0°-30°)	1331.8	5.1	B3/2500		
BM (30°-60°)	3147.8	12.2	B3/5000		
BH (60°-80°)	1573.3	6.1	B3/2500		G3/2500
BVH (80°-90°)	127.8	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°	3437.7	3437.7	3437.7	3437.7	3437.7	3437.7	3437.7	3437.7	3437.7	3437.7	3437.7
2.5°	3694.6	3692.6	3729.9	3786.7	3839.7	3863.2	3902.4	3898.5	3867.1	3826.0	3812.2
5°	3984.8	3992.6	4057.4	4182.9	4322.1	4380.9	4406.4	4396.6	4339.7	4267.2	4139.7
7.5°	4247.6	4261.3	4361.3	4549.6	4722.1	4800.6	4863.3	4851.6	4769.2	4633.9	4445.6
10°	4439.8	4455.4	4575.1	4796.7	4988.8	5057.5	5137.9	5141.8	5069.2	4886.9	4694.7
12.5°	4631.9	4647.6	4759.4	4961.4	5086.9	5088.9	5135.9	5161.4	5165.3	5081.0	4888.8
15°	4832.0	4845.7	4947.7	5061.4	5055.5	4945.7	4945.7	4994.7	5102.6	5163.4	5030.0
17.5°	5002.6	5020.2	5098.7	5061.4	4886.9	4688.8	4665.3	4728.0	4916.3	5149.6	5135.9
20°	5143.8	5157.5	5200.6	4953.5	4635.9	4377.0	4331.9	4404.5	4659.4	5065.3	5216.3
22.5°	5279.1	5286.9	5263.4	4812.3	4365.2	4069.1	4014.2	4090.7	4365.2	4916.3	5285.0
25°	5439.9	5432.0	5320.3	4665.3	4118.1	3826.0	3769.1	3855.4	4141.7	4718.2	5359.5
27.5°	5626.2	5596.8	5369.3	4506.4	3927.9	3645.5	3606.3	3698.5	3965.2	4535.8	5418.3
30°	5785.0	5728.1	5377.1	4365.2	3829.9	3569.1	3545.5	3631.8	3878.9	4412.3	5492.8
32.5°	5961.5	5883.1	5422.2	4328.0	3884.8	3753.4	3784.8	3790.7	3902.4	4377.0	5604.6
35°	6214.5	6112.5	5545.8	4435.8	4449.6	4671.2	4784.9	4631.9	4257.4	4455.4	5816.4
37.5°	6596.9	6467.4	5796.8	4902.6	5616.4	6112.5	6387.0	6038.0	5335.9	4751.6	6136.0
40°	7061.6	6896.9	6118.4	5765.4	6706.7	7500.9	7989.2	7477.4	6445.9	5490.9	6585.1
42.5°	7710.7	7538.2	6742.0	6612.6	7716.6	8899.1	9536.4	8773.6	7424.4	6445.9	7304.8
45°	8842.2	8675.6	7885.3	7461.7	8899.1	10620.9	11515.1	10454.2	8418.7	7404.8	8650.1
47.5°	10932.7	10736.6	9583.5	8403.0	10248.3	12856.5	14107.6	12562.3	9452.1	8503.0	10909.2
50°	13442.8	13254.5	11715.1	9516.8	11738.7	15246.9	16986.4	15039.1	10642.5	9838.4	13609.5
52.5°	16462.8	16427.5	14756.7	10924.9	13289.8	17796.3	20180.9	17782.5	11946.5	11636.7	16668.7
55°	19184.7	19529.8	18619.9	13072.2	15294.0	20998.6	23465.6	20775.1	13715.4	14609.6	20251.5
57.5°	20651.5	21579.1	22977.3	17453.1	18208.1	24826.5	27519.0	24428.4	16755.0	19559.2	23573.4
60°	19682.8	20733.9	23267.5	20751.5	21098.6	27893.6	30864.5	27499.4	19739.6	22994.9	23385.2
62.5°	18070.8	19014.1	21267.3	18825.8	21545.7	28568.2	30943.0	28034.8	20926.1	21251.6	21124.1
65°	16158.8	17109.9	19496.5	16433.4	20124.0	26966.0	28660.3	26460.1	18794.4	19200.4	19247.4
67.5°	13619.3	14497.8	16927.5	14611.6	18343.4	24614.7	25156.0	24216.7	17308.0	17955.1	17278.6
70°	10175.7	10968.0	13113.4	11874.0	15462.7	21551.6	21114.3	21253.6	15639.1	16282.4	14433.1
72.5°	6953.8	7549.9	9389.4	9330.5	11840.6	17253.1	16643.2	17963.0	13062.4	13915.4	11003.3
75°	4863.3	5328.1	6787.1	7371.5	8950.1	12787.8	11852.4	13444.8	10201.2	11419.0	8028.4
77.5°	2984.7	3292.6	4286.8	5461.4	5757.6	8752.0	7361.7	10116.9	7163.6	8328.5	5355.6
80°	1492.3	1641.4	2082.6	3433.7	3818.1	5157.5	4065.2	5873.3	4847.6	5157.5	2963.1
82.5°	451.0	498.1	609.9	1304.1	1978.7	2969.0	2402.3	3412.2	2647.4	2417.9	1166.8
85°	119.6	135.3	168.6	386.3	694.2	1064.8	811.9	1653.1	1268.8	892.3	439.3
87.5°	9.8	9.8	7.8	7.8	3.9	0.0	0.0	117.7	237.3	135.3	76.5
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3437.7	3437.7	3437.7	3437.7	3437.7	3437.7	3437.7	3437.7	3437.7	3437.7	3437.7
2.5°	3743.6	3735.7	3655.3	3596.5	3527.9	3461.2	3392.6	3331.8	3263.1	3194.5	3174.9
5°	4045.6	3990.7	3820.1	3676.9	3535.7	3412.2	3304.3	3192.5	3102.3	3014.1	2980.8
7.5°	4312.3	4216.2	3969.1	3751.4	3555.3	3402.4	3243.5	3080.8	2953.3	2827.8	2796.4
10°	4553.5	4426.0	4114.2	3839.7	3622.0	3447.5	3261.2	3043.5	2859.2	2706.2	2665.0
12.5°	4731.9	4592.7	4239.7	3924.0	3676.9	3480.8	3296.5	3104.3	2910.2	2712.1	2667.0
15°	4873.1	4728.0	4343.7	3988.7	3678.9	3425.9	3247.5	3180.8	3120.0	2925.8	2843.5
17.5°	4986.9	4833.9	4433.9	4027.9	3625.9	3259.2	3104.3	3202.3	3357.3	3235.7	3080.8
20°	5090.8	4935.9	4502.5	4055.4	3508.3	3029.8	2943.5	3151.4	3384.7	3380.8	3241.6
22.5°	5204.6	5053.6	4602.5	4071.1	3343.5	2796.4	2847.4	3076.8	3267.1	3323.9	3237.6
25°	5349.7	5216.3	4741.8	4106.4	3157.2	2635.6	2776.8	2980.8	3139.6	3153.3	3102.3
27.5°	5518.3	5418.3	4949.6	4188.7	2976.8	2553.3	2694.4	2845.4	2990.6	2996.4	2935.6
30°	5702.7	5636.0	5141.8	4257.4	2841.5	2527.8	2588.5	2710.1	2802.3	2818.0	2765.0
32.5°	5938.0	5879.1	5312.4	4212.3	2761.1	2521.9	2490.5	2553.3	2629.7	2629.7	2588.5
35°	6261.5	6179.2	5492.8	4039.7	2663.1	2498.3	2386.6	2404.2	2437.6	2443.4	2419.9
37.5°	6720.4	6585.1	5675.2	3698.5	2502.3	2414.0	2266.9	2245.4	2257.1	2272.8	2266.9
40°	7289.1	7067.5	5941.9	3288.6	2310.1	2251.3	2143.4	2102.2	2092.4	2123.8	2135.6
42.5°	8004.9	7665.6	6228.2	2906.2	2135.6	2065.0	1998.3	1963.0	1947.3	2000.2	2031.6
45°	9148.2	8589.3	6502.7	2527.8	2037.5	1906.1	1861.0	1835.5	1843.4	1906.1	1945.3
47.5°	11122.9	9999.3	6763.6	2288.5	2029.7	1792.4	1737.5	1743.3	1764.9	1831.6	1878.7
50°	13621.3	11887.7	6938.1	2188.5	2053.2	1723.7	1651.2	1682.6	1715.9	1780.6	1835.5
52.5°	16164.7	13646.8	6730.2	2133.6	2051.2	1725.7	1570.8	1664.9	1680.6	1745.3	1804.1
55°	17913.9	13842.9	5814.4	2049.3	2019.9	1804.1	1508.0	1657.1	1666.9	1725.7	1778.6
57.5°	18580.7	13172.2	4433.9	2072.8	1925.7	1864.9	1480.6	1602.2	1672.8	1723.7	1778.6
60°	17774.7	11907.3	2694.4	2133.6	1774.7	1861.0	1498.2	1502.1	1623.7	1710.0	1764.9
62.5°	16254.9	10283.6	1892.4	1961.0	1664.9	1757.1	1539.4	1384.5	1537.4	1641.4	1690.4
65°	14513.5	8373.6	1443.3	1688.4	1612.0	1596.3	1553.1	1280.5	1419.8	1521.8	1564.9
67.5°	12699.6	6508.6	1172.7	1259.0	1457.0	1443.3	1419.8	1188.4	1280.5	1353.1	1402.1
70°	10415.0	4553.5	990.3	945.2	1249.2	1294.3	1241.3	1072.7	1102.1	1176.6	1215.8
72.5°	7618.6	2837.6	813.8	780.5	1004.0	1131.5	1104.1	945.2	958.9	1029.5	1060.9
75°	5479.1	1623.7	653.0	643.2	766.8	968.7	913.8	813.8	829.5	882.5	904.0
77.5°	3482.8	904.0	504.0	517.7	549.1	723.6	780.5	696.2	696.2	727.5	745.2
80°	1864.9	517.7	368.7	374.6	384.4	553.0	615.8	539.3	539.3	517.7	539.3
82.5°	760.9	298.1	253.0	235.3	256.9	378.5	431.4	343.2	358.9	323.6	331.4
85°	251.0	149.0	125.5	123.5	121.6	166.7	207.9	170.6	203.9	129.4	135.3
87.5°	33.3	27.5	15.7	11.8	13.7	5.9	11.8	13.7	13.7	9.8	9.8
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°	3437.7	3437.7	3437.7	3437.7	3437.7	3437.7	3437.7	3437.7	3437.7	3437.7	3437.7
2.5°	3161.2	3145.5	3088.6	3102.3	3092.5	3076.8	3092.5	3063.1	3086.6	3094.5	3143.5
5°	2955.3	2918.0	2863.1	2835.6	2829.8	2814.1	2816.0	2802.3	2806.2	2839.6	2894.5
7.5°	2770.9	2735.6	2692.5	2672.9	2655.2	2637.6	2635.6	2633.7	2649.3	2678.8	2731.7
10°	2637.6	2618.0	2600.3	2608.2	2600.3	2592.5	2578.7	2578.7	2604.2	2657.2	2721.9
12.5°	2637.6	2633.7	2637.6	2661.1	2659.1	2661.1	2643.5	2653.3	2723.9	2814.1	2906.2
15°	2778.8	2747.4	2747.4	2759.2	2755.2	2755.2	2755.2	2796.4	2957.2	3096.5	3194.5
17.5°	2951.3	2859.2	2819.9	2814.1	2812.1	2812.1	2819.9	2908.2	3159.2	3306.3	3363.2
20°	3071.0	2896.4	2831.7	2806.2	2808.2	2812.1	2835.6	2957.2	3233.7	3308.2	3294.5
22.5°	3092.5	2867.0	2788.6	2751.3	2757.2	2761.1	2796.4	2925.8	3131.8	3143.5	3116.1
25°	2992.5	2784.7	2700.3	2670.9	2678.8	2676.8	2708.2	2802.3	2949.4	2945.5	2929.8
27.5°	2843.5	2653.3	2590.5	2570.9	2584.6	2568.9	2578.7	2651.3	2765.0	2761.1	2755.2
30°	2690.5	2525.8	2468.9	2459.1	2476.8	2453.2	2455.2	2516.0	2594.4	2590.5	2588.5
32.5°	2537.6	2398.3	2347.3	2347.3	2365.0	2339.5	2343.4	2396.4	2449.3	2433.6	2433.6
35°	2392.4	2294.4	2253.2	2245.4	2259.1	2241.4	2249.3	2298.3	2317.9	2296.4	2282.6
37.5°	2265.0	2221.8	2180.7	2153.2	2155.2	2157.1	2180.7	2217.9	2206.1	2174.8	2157.1
40°	2147.3	2147.3	2108.1	2057.1	2051.2	2065.0	2104.2	2145.4	2112.0	2076.7	2055.2
42.5°	2063.0	2080.6	2043.4	1992.4	1980.6	2004.2	2047.3	2076.7	2037.5	1998.3	1968.9
45°	1984.6	2027.7	2002.2	1945.3	1929.6	1957.1	2012.0	2023.8	1970.8	1933.6	1912.0
47.5°	1929.6	1988.5	1970.8	1915.9	1892.4	1931.6	1988.5	1986.5	1919.8	1880.6	1863.0
50°	1890.4	1964.9	1963.0	1915.9	1890.4	1939.5	1990.4	1964.9	1892.4	1851.2	1833.6
52.5°	1859.0	1963.0	1976.7	1949.3	1931.6	1974.7	2006.1	1957.1	1872.8	1829.6	1815.9
55°	1845.3	1970.8	1980.6	1955.1	1939.5	1978.7	2006.1	1972.8	1872.8	1833.6	1821.8
57.5°	1849.2	1961.0	1963.0	1927.7	1900.2	1949.3	1992.4	1982.6	1894.3	1849.2	1835.5
60°	1825.7	1908.1	1912.0	1857.1	1825.7	1884.5	1961.0	1955.1	1884.5	1837.5	1812.0
62.5°	1747.3	1819.8	1821.8	1770.8	1725.7	1810.0	1894.3	1892.4	1827.7	1780.6	1751.2
65°	1615.9	1692.4	1712.0	1662.9	1627.6	1717.9	1806.1	1802.2	1737.5	1694.3	1664.9
67.5°	1453.1	1535.5	1572.7	1539.4	1525.7	1608.0	1690.4	1688.4	1635.5	1594.3	1568.8
70°	1255.1	1323.7	1386.4	1386.4	1376.6	1470.8	1559.0	1551.2	1502.1	1470.8	1451.2
72.5°	1090.3	1143.3	1162.9	1182.5	1211.9	1310.0	1384.5	1390.4	1355.1	1339.4	1355.1
75°	927.6	960.9	978.5	962.9	1013.8	1115.8	1213.9	1223.7	1186.4	1160.9	1166.8
77.5°	762.8	800.1	817.7	782.4	778.5	908.0	1027.6	1049.1	1017.8	978.5	990.3
80°	551.0	600.1	629.5	606.0	598.1	655.0	819.7	843.2	813.8	782.4	800.1
82.5°	337.3	364.8	372.6	396.1	445.2	468.7	527.5	606.0	584.4	556.9	606.0
85°	133.3	158.8	176.5	200.0	233.4	276.5	325.5	388.3	353.0	341.2	402.0
87.5°	7.8	2.0	0.0	3.9	33.3	64.7	139.2	192.2	160.8	172.6	207.9
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°	359°	360°
0°	3437.7	3437.7	3437.7	3437.7	3437.7	3437.7	3437.7	3437.7	3437.7	3437.7
2.5°	3182.7	3233.7	3302.4	3359.2	3431.8	3500.4	3571.0	3641.6	3678.9	3694.6
5°	2957.2	3051.3	3161.2	3282.8	3423.9	3573.0	3724.0	3878.9	3977.0	3984.8
7.5°	2821.9	2957.2	3108.2	3261.2	3435.7	3641.6	3880.9	4120.1	4220.1	4247.6
10°	2865.1	3016.1	3135.7	3278.8	3471.0	3727.9	4010.3	4290.7	4406.4	4439.8
12.5°	3037.6	3067.0	3104.3	3235.7	3471.0	3802.4	4143.6	4477.0	4600.6	4631.9
15°	3180.8	3039.6	2972.9	3112.1	3423.9	3867.1	4284.8	4653.5	4802.5	4832.0
17.5°	3192.5	2949.4	2804.3	2929.8	3341.6	3912.2	4420.1	4849.6	4975.1	5002.6
20°	3072.9	2853.3	2665.0	2741.5	3229.8	3931.8	4518.2	4992.8	5116.3	5143.8
22.5°	2937.6	2774.8	2570.9	2567.0	3094.5	3953.4	4635.9	5128.1	5261.4	5279.1
25°	2810.1	2667.0	2494.4	2439.5	2937.6	3994.6	4794.7	5332.0	5434.0	5439.9
27.5°	2661.1	2551.3	2433.6	2380.7	2800.3	4073.0	5030.0	5575.2	5636.0	5626.2
30°	2525.8	2443.4	2390.5	2374.8	2714.1	4131.9	5253.6	5814.4	5818.4	5785.0
32.5°	2382.6	2351.3	2351.3	2402.3	2643.5	4118.1	5436.0	6047.8	6010.5	5961.5
35°	2255.2	2261.1	2302.2	2421.9	2525.8	3980.9	5610.5	6340.0	6285.1	6214.5
37.5°	2133.6	2178.7	2237.5	2353.2	2370.9	3776.9	5814.4	6753.8	6685.1	6596.9
40°	2029.7	2098.3	2166.9	2223.8	2206.1	3486.7	6098.8	7240.1	7163.6	7061.6
42.5°	1947.3	2014.0	2090.4	2096.3	2102.2	3184.7	6400.8	7836.2	7822.5	7710.7
45°	1894.3	1937.5	2010.0	2000.2	2096.3	2851.3	6679.2	8746.2	8926.6	8842.2
47.5°	1859.0	1892.4	1900.2	1941.4	2147.3	2553.3	7038.1	10526.8	11028.8	10932.7
50°	1839.4	1872.8	1784.5	1945.3	2155.2	2361.1	7534.2	12762.3	13570.3	13442.8
52.5°	1837.5	1829.6	1696.3	1986.5	2112.0	2243.4	7793.1	14393.9	16186.3	16462.8
55°	1841.4	1743.3	1651.2	1998.3	2025.7	2200.3	6926.3	15178.3	18600.3	19184.7
57.5°	1806.1	1649.2	1676.7	1951.2	1863.0	2316.0	5120.2	14897.9	19565.1	20651.5
60°	1739.4	1559.0	1723.7	1823.8	1696.3	2117.9	3525.9	13646.8	18565.0	19682.8
62.5°	1643.3	1496.3	1717.9	1659.0	1635.5	1733.5	2423.8	11895.6	16978.5	18070.8
65°	1535.5	1445.3	1625.7	1500.2	1513.9	1333.5	1713.9	9918.8	15084.2	16158.8
67.5°	1419.8	1413.9	1490.4	1335.5	1278.6	1057.0	1249.2	7950.0	12650.6	13619.3
70°	1288.4	1331.5	1355.1	1186.4	1037.4	829.5	927.6	5559.5	9332.5	10175.7
72.5°	1157.0	1160.9	1194.3	1031.5	776.6	664.8	696.2	3367.1	6340.0	6953.8
75°	1023.7	986.4	1017.8	839.3	578.5	545.2	537.3	2080.6	4379.0	4863.3
77.5°	880.5	839.3	798.1	631.4	464.8	421.6	411.8	1166.8	2686.6	2984.7
80°	715.8	660.9	596.2	462.8	339.3	302.0	300.0	568.7	1339.4	1492.3
82.5°	556.9	453.0	435.3	288.3	209.8	184.3	196.1	217.7	404.0	451.0
85°	390.2	329.5	231.4	115.7	94.1	76.5	74.5	64.7	107.9	119.6
87.5°	217.7	143.2	74.5	13.7	15.7	17.6	13.7	9.8	9.8	9.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)