

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: P642222

Luminaire Tested: GWS-SA6C-740-U-SLL-W

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P642222  
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-SA6C-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: 26612.6 lumens  
Efficiency: N/A  
Efficacy: 140.7 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G4  
  
Input Watts (W): 189.2  
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

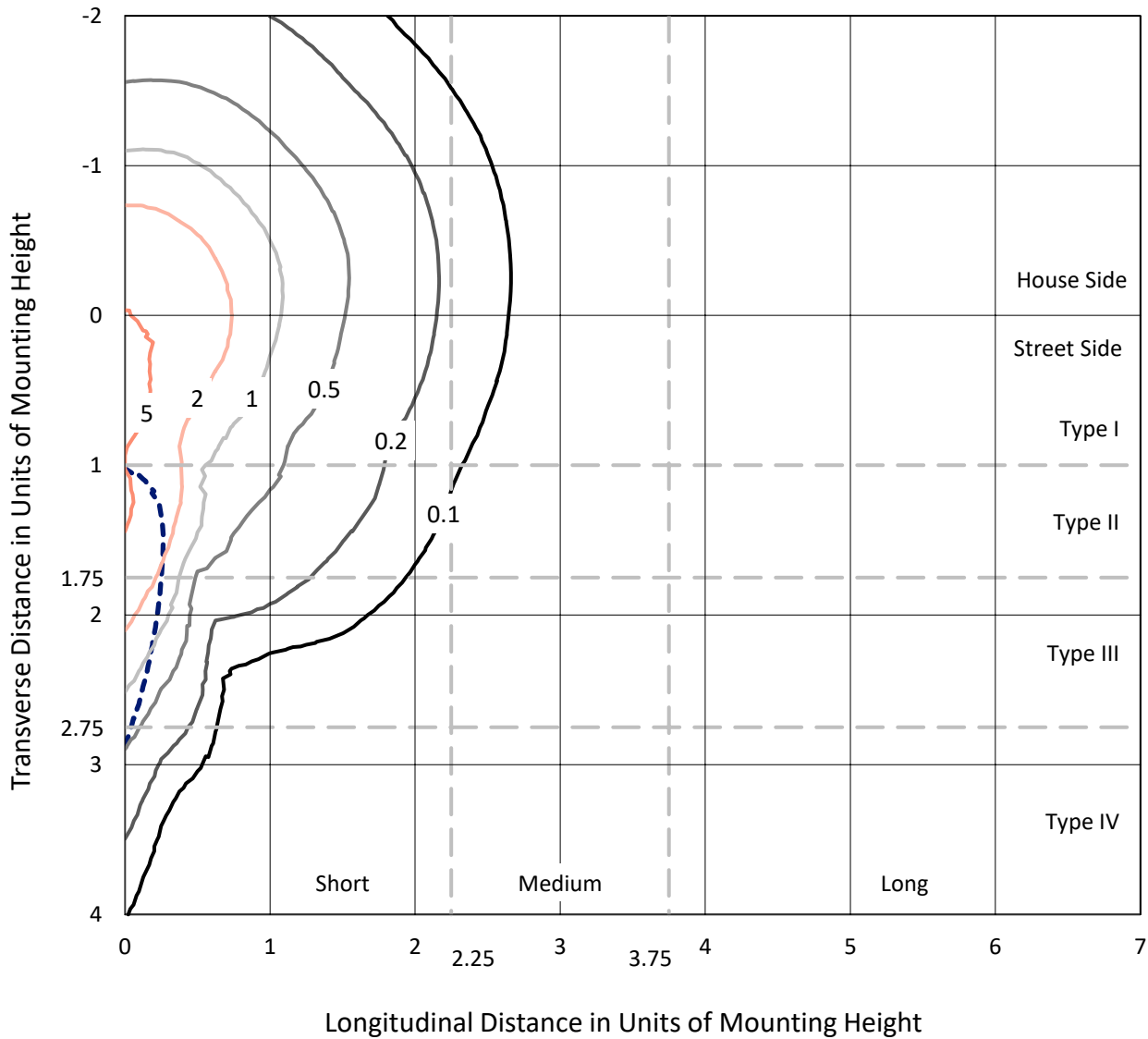


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### Iso-Footcandle Lines of Horizontal Illumination

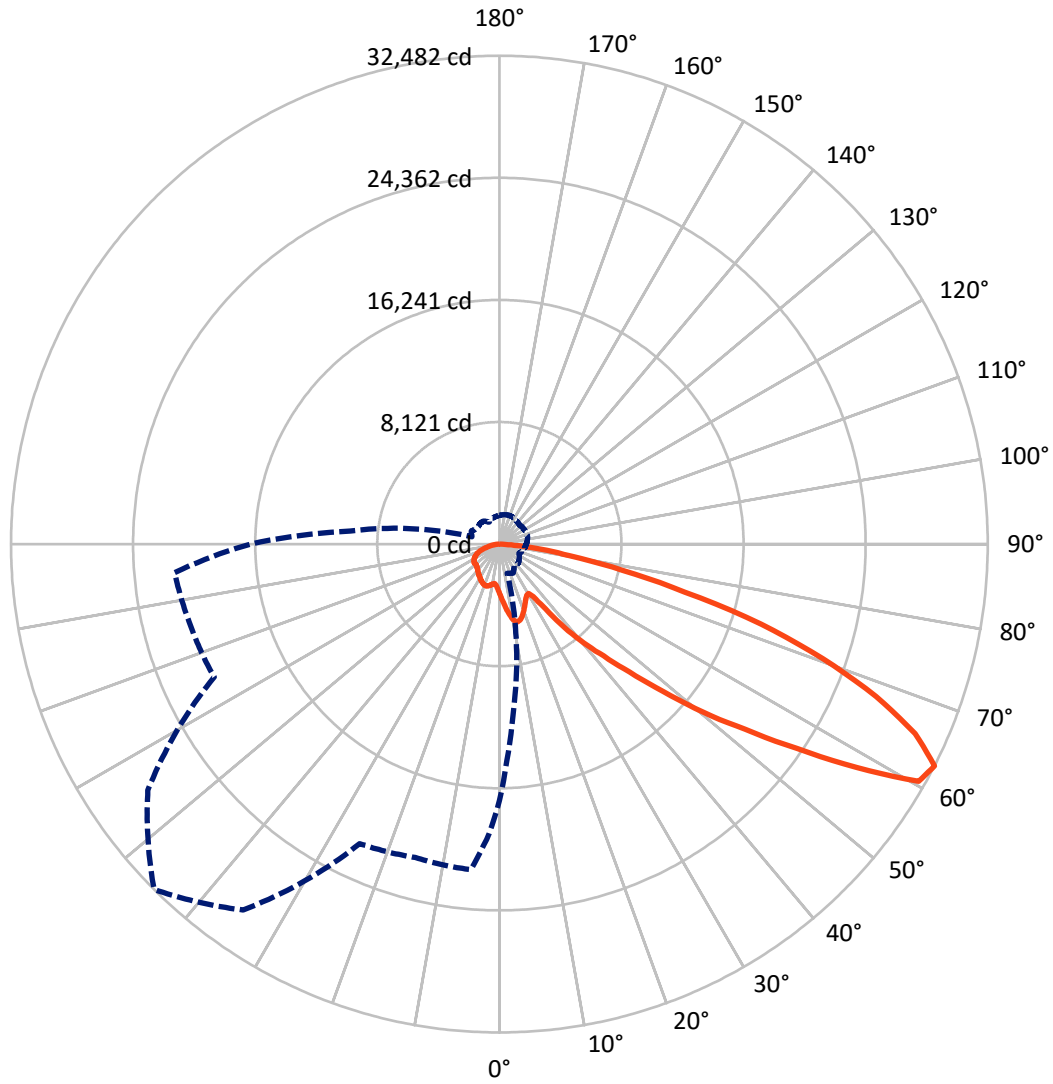
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.1 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
<b>House Side</b>	Lumens	6363.1	0.0	6363.1
	% Fixture	23.9	0.0	23.9
<b>Street Side</b>	Lumens	20249.5	0.0	20249.5
	% Fixture	76.1	0.0	76.1
<b>Total</b>	Lumens	26612.6	0.0	26612.6
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	326.9	1.2
10°-20°	1062.4	4.0
20°-30°	1672.4	6.3
30°-40°	2292.3	8.6
40°-50°	3576.7	13.4
50°-60°	6167.0	23.2
60°-70°	7146.7	26.9
70°-80°	3772.4	14.2
80°-90°	595.9	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°	26612.6	100.0
0°-180°	26612.6	100.0

**Coefficient of Utilization**



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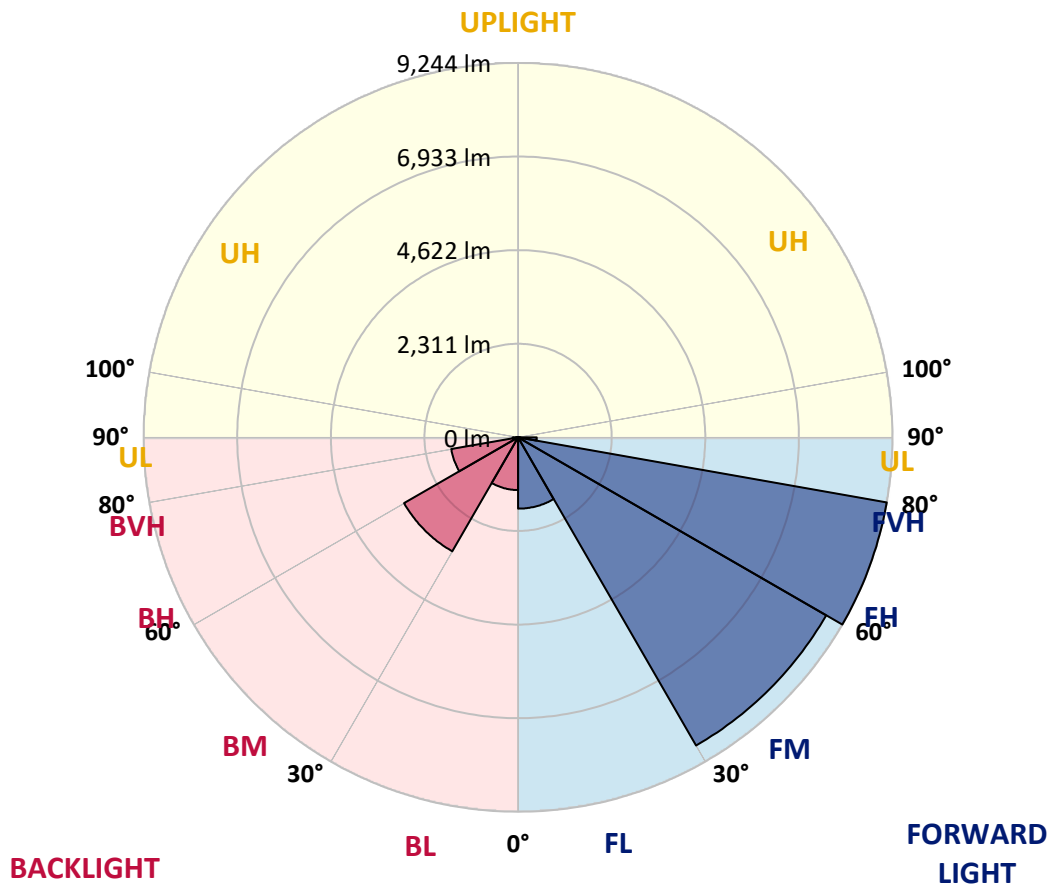
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1760.1	6.6			
FM (30°-60°)	8785.8	33.0			
FH (60°-80°)	9243.7	34.7			G4/12000
FVH (80°-90°)	460.0	1.7			G3/500
BL (0°-30°)	1301.5	4.9	B3/2500		
BM (30°-60°)	3250.2	12.2	B3/5000		
BH (60°-80°)	1675.4	6.3	B3/2500		G3/2500
BVH (80°-90°)	135.9	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°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0
2.5°	3605.1	3590.8	3570.5	3501.2	3458.5	3409.6	3358.8	3299.7	3232.5	3185.7	3138.9
5°	3910.4	3888.0	3839.2	3674.3	3560.3	3436.1	3332.3	3214.2	3098.2	3018.8	2939.4
7.5°	4203.5	4175.0	4099.7	3847.3	3662.1	3482.9	3326.2	3155.2	2982.2	2864.1	2770.5
10°	4496.7	4437.6	4342.0	4012.2	3767.9	3560.3	3381.1	3171.5	2941.5	2780.6	2680.9
12.5°	4720.6	4665.6	4561.8	4162.8	3873.8	3613.2	3411.7	3218.3	3022.9	2851.9	2750.1
15°	4930.2	4859.0	4740.9	4303.3	3961.3	3611.2	3350.6	3181.7	3153.2	3110.4	2978.1
17.5°	5080.9	5015.7	4893.6	4417.3	4010.1	3548.1	3181.7	3081.9	3210.2	3340.4	3214.2
20°	5213.2	5137.9	5013.7	4496.7	4020.3	3407.6	2976.1	2978.1	3179.6	3358.8	3328.2
22.5°	5325.1	5241.7	5131.8	4586.2	4016.3	3212.2	2796.9	2919.1	3120.6	3261.0	3265.1
25°	5463.6	5394.4	5302.8	4718.5	4016.3	3012.7	2666.6	2847.8	3020.8	3138.9	3134.8
27.5°	5632.5	5585.7	5510.4	4920.1	4052.9	2845.8	2593.4	2756.2	2892.6	2994.4	2992.3
30°	5821.8	5779.1	5722.1	5133.8	4116.0	2721.6	2552.7	2642.2	2742.0	2823.4	2823.4
32.5°	6015.2	5998.9	5937.9	5304.8	4067.1	2682.9	2518.0	2528.2	2581.2	2648.3	2642.2
35°	6283.9	6267.6	6190.3	5437.1	3855.4	2628.0	2463.1	2412.2	2418.3	2461.0	2475.3
37.5°	6676.8	6652.4	6538.4	5591.8	3535.9	2489.5	2373.5	2290.1	2271.7	2290.1	2316.5
40°	7151.1	7114.4	6959.7	5801.5	3167.4	2302.3	2233.1	2163.9	2133.3	2139.4	2170.0
42.5°	7745.5	7668.1	7446.3	6023.4	2803.0	2137.4	2076.3	2033.6	1999.0	1994.9	2053.9
45°	8710.4	8498.7	8146.5	6220.8	2495.7	2049.9	1935.9	1905.3	1876.8	1893.1	1962.3
47.5°	10395.8	10005.0	9319.0	6389.8	2308.4	2051.9	1823.9	1791.3	1789.3	1821.9	1899.2
50°	12712.4	12148.5	11090.0	6503.8	2210.7	2076.3	1756.7	1703.8	1742.5	1775.0	1848.3
52.5°	14931.2	14070.1	12810.1	6501.7	2167.9	2080.4	1775.0	1622.4	1742.5	1750.6	1819.8
55°	16826.3	15267.1	13274.2	5834.1	2106.9	2064.1	1846.3	1559.3	1720.1	1750.6	1805.6
57.5°	18332.7	16028.4	13239.6	4712.4	2292.1	1974.5	1889.0	1545.0	1654.9	1754.7	1817.8
60°	18165.8	15680.3	12386.7	2892.6	2273.8	1815.8	1882.9	1571.5	1545.0	1699.7	1803.5
62.5°	17056.4	14432.5	10919.0	2007.1	2135.4	1724.2	1783.2	1618.3	1443.2	1620.3	1734.3
65°	15503.2	12822.3	9099.2	1538.9	1768.9	1728.2	1614.2	1585.7	1353.7	1494.1	1616.3
67.5°	13449.3	10825.4	7183.7	1219.3	1233.6	1496.2	1465.6	1408.6	1270.2	1382.2	1492.1
70°	10110.9	7900.2	4942.5	981.2	934.3	1249.9	1317.0	1266.1	1188.8	1221.4	1337.4
72.5°	7124.6	5158.2	2707.4	777.6	720.6	960.8	1144.0	1135.9	1050.4	1074.8	1188.8
75°	5294.6	3649.8	1691.6	614.8	586.3	688.0	958.8	983.2	912.0	940.5	1028.0
77.5°	3523.6	2363.3	940.5	456.0	456.0	502.8	714.5	828.5	775.6	798.0	859.0
80°	1944.0	1203.0	470.2	299.2	307.4	346.1	521.1	596.4	598.5	653.4	669.7
82.5°	614.8	382.7	209.7	175.1	164.9	197.5	335.9	427.5	399.0	508.9	468.2
85°	140.5	89.6	38.7	38.7	42.7	65.1	128.2	228.0	291.1	350.1	254.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	89.6	132.3	118.1
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°	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0
2.5°	3110.4	3069.7	3057.5	3022.9	3018.8	2986.2	2974.0	2974.0	2988.3	2988.3	3002.5
5°	2906.8	2856.0	2827.5	2786.7	2776.6	2752.1	2735.9	2737.9	2756.2	2768.4	2792.9
7.5°	2727.7	2693.1	2672.8	2654.4	2650.4	2646.3	2628.0	2625.9	2632.0	2650.4	2668.7
10°	2652.4	2628.0	2634.1	2648.3	2670.7	2682.9	2666.6	2658.5	2652.4	2664.6	2680.9
12.5°	2725.7	2701.3	2713.5	2737.9	2768.4	2780.6	2774.5	2772.5	2778.6	2825.4	2860.0
15°	2886.5	2839.7	2823.4	2833.6	2858.0	2870.2	2864.1	2872.2	2910.9	3033.1	3120.6
17.5°	3086.0	2972.0	2906.8	2888.5	2898.7	2908.9	2908.9	2929.2	2996.4	3175.5	3285.5
20°	3193.9	3045.3	2935.3	2890.6	2894.6	2904.8	2904.8	2933.3	3008.6	3200.0	3271.2
22.5°	3165.4	3029.0	2894.6	2845.8	2847.8	2856.0	2856.0	2880.4	2947.6	3116.5	3149.1
25°	3053.4	2933.3	2801.0	2758.2	2762.3	2776.6	2772.5	2786.7	2837.6	2976.1	2994.4
27.5°	2919.1	2813.2	2682.9	2650.4	2668.7	2697.2	2672.8	2674.8	2721.6	2837.6	2839.7
30°	2774.5	2687.0	2571.0	2546.5	2581.2	2595.4	2573.0	2573.0	2619.8	2699.2	2697.2
32.5°	2617.8	2562.8	2479.4	2452.9	2491.6	2514.0	2485.5	2489.5	2526.2	2579.1	2558.8
35°	2471.2	2442.7	2404.1	2385.7	2410.2	2430.5	2412.2	2420.3	2454.9	2469.2	2440.7
37.5°	2330.8	2326.7	2330.8	2330.8	2336.9	2343.0	2330.8	2351.1	2381.7	2363.3	2330.8
40°	2208.6	2224.9	2263.6	2253.4	2247.3	2253.4	2245.3	2279.9	2310.4	2277.8	2239.2
42.5°	2106.9	2137.4	2196.4	2196.4	2184.2	2188.3	2184.2	2227.0	2249.3	2204.6	2161.8
45°	2019.3	2064.1	2139.4	2149.6	2129.2	2129.2	2137.4	2190.3	2198.5	2137.4	2092.6
47.5°	1958.3	2013.2	2098.7	2117.0	2086.5	2084.5	2106.9	2163.9	2163.9	2092.6	2041.7
50°	1915.5	1976.6	2078.4	2102.8	2072.2	2064.1	2100.7	2155.7	2143.5	2058.0	2007.1
52.5°	1887.0	1950.1	2076.3	2110.9	2090.6	2082.4	2119.1	2157.7	2127.2	2035.6	1982.7
55°	1868.7	1937.9	2082.4	2110.9	2088.5	2074.3	2110.9	2145.5	2129.2	2023.4	1972.5
57.5°	1878.9	1948.1	2074.3	2088.5	2062.1	2037.6	2080.4	2129.2	2123.1	2027.5	1976.6
60°	1862.6	1925.7	2029.5	2033.6	1988.8	1950.1	2013.2	2086.5	2086.5	2013.2	1968.4
62.5°	1787.3	1850.4	1942.0	1946.0	1895.2	1852.4	1925.7	2013.2	2011.2	1952.1	1905.3
65°	1663.1	1722.1	1825.9	1836.1	1785.2	1740.4	1815.8	1897.2	1903.3	1850.4	1809.7
67.5°	1526.7	1579.6	1657.0	1697.7	1654.9	1608.1	1677.3	1754.7	1752.7	1689.6	1646.8
70°	1363.9	1412.7	1484.0	1518.6	1492.1	1447.3	1510.4	1551.1	1532.8	1502.3	1473.8
72.5°	1203.0	1249.9	1317.0	1317.0	1288.5	1245.8	1264.1	1337.4	1359.8	1337.4	1319.1
75°	1034.1	1074.8	1121.6	1131.8	1068.7	991.3	1076.8	1139.9	1166.4	1156.2	1133.8
77.5°	861.1	891.6	960.8	942.5	824.4	783.7	852.9	946.6	964.9	958.8	928.2
80°	663.6	681.9	755.2	718.6	627.0	600.5	631.0	704.3	708.4	688.0	649.4
82.5°	445.8	470.2	519.1	447.8	445.8	421.4	396.9	405.1	441.7	437.7	411.2
85°	228.0	240.2	287.0	268.7	230.0	199.5	189.3	201.5	181.2	164.9	142.5
87.5°	95.7	103.8	142.5	79.4	24.4	0.0	0.0	12.2	18.3	26.5	28.5
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0
2.5°	3035.1	3057.5	3112.4	3181.7	3248.8	3318.0	3393.4	3440.2	3497.2	3570.5	3572.5
5°	2823.4	2874.3	2953.7	3059.5	3169.4	3295.6	3442.2	3564.3	3710.9	3826.9	3873.8
7.5°	2693.1	2766.4	2866.1	3000.5	3145.0	3301.8	3493.1	3698.7	3938.9	4093.6	4185.2
10°	2705.3	2817.3	2917.0	3031.0	3161.3	3330.3	3576.6	3849.3	4144.5	4348.1	4462.1
12.5°	2923.1	3041.2	3022.9	3016.8	3104.3	3309.9	3643.7	4002.0	4362.3	4565.9	4702.3
15°	3197.9	3242.7	3069.7	2939.4	2992.3	3236.6	3680.4	4138.4	4543.5	4791.8	4926.2
17.5°	3338.4	3248.8	3039.2	2843.7	2829.5	3124.7	3698.7	4276.8	4747.0	4995.4	5137.9
20°	3273.3	3143.0	2965.9	2780.6	2678.9	2972.0	3688.5	4386.7	4932.3	5209.1	5325.1
22.5°	3132.8	3018.8	2880.4	2703.3	2556.7	2805.1	3662.1	4496.7	5097.2	5376.0	5477.8
25°	2980.1	2894.6	2780.6	2625.9	2487.5	2658.5	3643.7	4643.2	5286.5	5553.1	5618.3
27.5°	2827.5	2764.4	2670.7	2550.6	2471.2	2556.7	3649.8	4834.6	5530.7	5783.2	5756.7
30°	2676.8	2621.9	2556.7	2503.8	2469.2	2532.3	3633.6	5038.1	5799.4	6033.5	5876.8
32.5°	2534.3	2483.4	2442.7	2450.9	2471.2	2542.5	3550.1	5223.4	6045.8	6245.2	6007.1
35°	2412.2	2359.3	2359.3	2387.8	2463.1	2507.9	3334.3	5367.9	6318.5	6518.0	6192.3
37.5°	2298.2	2251.4	2281.9	2328.7	2400.0	2414.2	3057.5	5508.4	6715.5	6902.7	6479.3
40°	2198.5	2151.6	2206.6	2265.6	2302.3	2296.2	2776.6	5703.8	7183.7	7377.0	6860.0
42.5°	2119.1	2076.3	2125.2	2200.5	2206.6	2212.7	2571.0	5891.0	7727.2	7973.5	7515.5
45°	2053.9	2023.4	2047.8	2123.1	2123.1	2216.8	2442.7	6047.8	8545.5	8981.1	8718.5
47.5°	2003.0	1984.7	1996.9	2021.4	2062.1	2290.1	2361.3	6167.9	10035.5	10890.5	10625.9
50°	1974.5	1956.2	1972.5	1921.6	2043.7	2326.7	2334.8	6259.5	11999.9	13339.3	13011.6
52.5°	1950.1	1944.0	1954.2	1836.1	2084.5	2302.3	2314.5	6137.4	13316.9	15749.5	16073.2
55°	1942.0	1946.0	1897.2	1773.0	2133.3	2220.8	2253.4	5264.1	13675.2	17827.9	19837.0
57.5°	1946.0	1933.8	1809.7	1779.1	2135.4	2058.0	2340.9	3755.7	13154.1	18731.7	23519.4
60°	1931.8	1870.7	1703.8	1834.1	2041.7	1866.7	2277.8	2448.8	11780.1	18037.5	23733.1
62.5°	1868.7	1779.1	1612.2	1864.6	1874.8	1752.7	2068.2	1887.0	9948.0	16551.5	21673.1
65°	1777.1	1657.0	1534.8	1801.5	1705.8	1699.7	1555.2	1512.5	7999.9	14782.6	19718.9
67.5°	1626.5	1506.3	1477.9	1657.0	1534.8	1506.3	1249.9	1253.9	6383.7	12897.6	17754.6
70°	1455.5	1335.4	1357.8	1498.2	1365.9	1251.9	1011.7	1044.3	4842.7	10746.0	15106.2
72.5°	1343.5	1182.7	1184.7	1319.1	1201.0	1013.7	832.6	861.1	3073.8	8099.7	12010.1
75°	1133.8	1042.2	997.4	1068.7	1019.8	789.8	700.2	694.1	1821.9	5805.6	8993.3
77.5°	946.6	875.3	852.9	881.4	761.3	584.2	563.9	553.7	1032.1	3719.1	5893.1
80°	686.0	667.7	665.6	679.9	586.3	429.5	429.5	431.5	555.7	2019.3	3322.1
82.5°	435.6	476.3	421.4	468.2	399.0	305.3	285.0	323.7	319.6	861.1	1400.5
85°	181.2	248.3	232.1	246.3	189.3	166.9	179.1	193.4	185.2	331.8	545.5
87.5°	34.6	40.7	44.8	42.7	42.7	52.9	59.0	71.2	71.2	95.7	164.9
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°	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0
2.5°	3649.8	3708.9	3696.7	3723.1	3688.5	3700.7	3631.5	3613.2	3601.0	3605.1
5°	4024.4	4144.5	4166.9	4211.7	4181.1	4181.1	4059.0	3967.4	3934.8	3910.4
7.5°	4405.1	4578.1	4692.1	4704.3	4688.0	4655.4	4478.3	4313.5	4254.4	4203.5
10°	4743.0	4950.6	5078.8	5139.9	5109.4	5058.5	4838.6	4612.7	4541.4	4496.7
12.5°	5001.5	5184.7	5270.2	5310.9	5306.8	5288.5	5109.4	4865.1	4789.8	4720.6
15°	5168.4	5260.0	5227.4	5225.4	5253.9	5327.2	5272.2	5080.9	4993.3	4930.2
17.5°	5276.3	5188.8	5044.2	4977.1	5038.1	5211.2	5337.4	5229.5	5150.1	5080.9
20°	5315.0	5003.5	4793.9	4669.7	4740.9	4991.3	5302.8	5337.4	5270.2	5213.2
22.5°	5270.2	4777.6	4492.6	4346.0	4415.2	4714.5	5201.0	5424.9	5380.1	5325.1
25°	5160.3	4541.4	4199.5	4067.1	4142.5	4447.8	5019.8	5506.3	5508.4	5463.6
27.5°	5023.9	4323.6	3993.9	3869.7	3943.0	4228.0	4842.7	5577.6	5648.8	5632.5
30°	4885.5	4193.4	3896.2	3808.6	3863.6	4116.0	4661.5	5650.8	5793.3	5821.8
32.5°	4822.4	4256.5	4126.2	4164.9	4093.6	4181.1	4596.4	5754.7	5968.4	6015.2
35°	4905.8	4816.2	5146.0	5298.7	5046.3	4714.5	4679.9	5911.4	6214.7	6283.9
37.5°	5310.9	6015.2	6507.8	7045.2	6607.6	5876.8	5093.1	6178.1	6566.9	6676.8
40°	6192.3	7061.5	7951.1	8645.2	7983.7	7000.5	5878.8	6575.0	7051.3	7151.1
42.5°	7022.8	8042.7	9268.1	10165.8	9306.8	7918.5	6725.6	7242.7	7690.5	7745.5
45°	7837.1	9005.5	10862.0	12109.8	10943.4	8791.8	7590.8	8370.4	8708.3	8710.4
47.5°	8791.8	10090.5	12861.0	14638.1	13115.4	9758.7	8403.0	10155.6	10625.9	10395.8
50°	9933.8	11169.4	14919.0	17579.5	15763.7	10947.5	9435.0	12331.7	12972.9	12712.4
52.5°	11462.5	12358.2	17186.6	20447.7	18650.2	12301.2	10931.2	15206.0	15417.7	14931.2
55°	13614.1	14074.2	20097.6	23989.6	21872.6	13968.3	13119.5	18813.1	18220.7	16826.3
57.5°	18513.8	16789.7	23834.9	28030.3	25518.4	16997.3	17915.4	22790.7	20683.8	18332.7
60°	22613.6	20087.4	27293.4	32040.5	28643.0	20335.7	22418.1	23482.8	20592.2	18165.8
62.5°	21231.4	20928.1	28541.3	32482.2	29709.7	21978.5	21581.5	21738.3	19248.7	17056.4
65°	18627.8	19305.7	27427.8	30387.5	28527.0	20506.7	19521.5	20126.1	17711.8	15503.2
67.5°	17091.0	17589.7	25447.1	27034.9	26377.4	18914.9	17919.5	17481.8	15326.1	13449.3
70°	15519.5	15932.7	22666.5	22827.3	23024.8	16268.6	14652.3	13349.5	11423.8	10110.9
72.5°	13410.6	13433.0	19151.0	18218.7	18593.2	12730.7	11794.3	9980.6	8315.5	7124.6
75°	11250.8	10636.0	15159.2	12734.8	13485.9	9903.2	9793.3	7521.6	6271.7	5294.6
77.5°	8578.0	7859.5	11073.7	8374.5	9471.7	6595.4	7362.8	5101.2	4413.2	3523.6
80°	5758.7	5310.9	6119.0	4726.7	6196.4	4545.5	4802.0	2890.6	2505.8	1944.0
82.5°	3037.1	2593.4	3782.2	2803.0	3737.4	2497.7	1801.5	893.6	761.3	614.8
85°	1176.6	1361.8	1854.4	997.4	1449.4	891.6	521.1	221.9	185.2	140.5
87.5°	228.0	352.2	193.4	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)