

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: P638372

Luminaire Tested: GWS-SA4E-760-U-SLL-W

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P638372  
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-SA4E-760-U-SLL-W  
Description: GALLEON WALL SLIM LUMINAIRE. (4) LIGHTSQUARES WITH 16 LEDS EACH AND  
SPILL LIGHT ELIMINATOR LEFT OPTICS  
Light Source: (64) 5700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

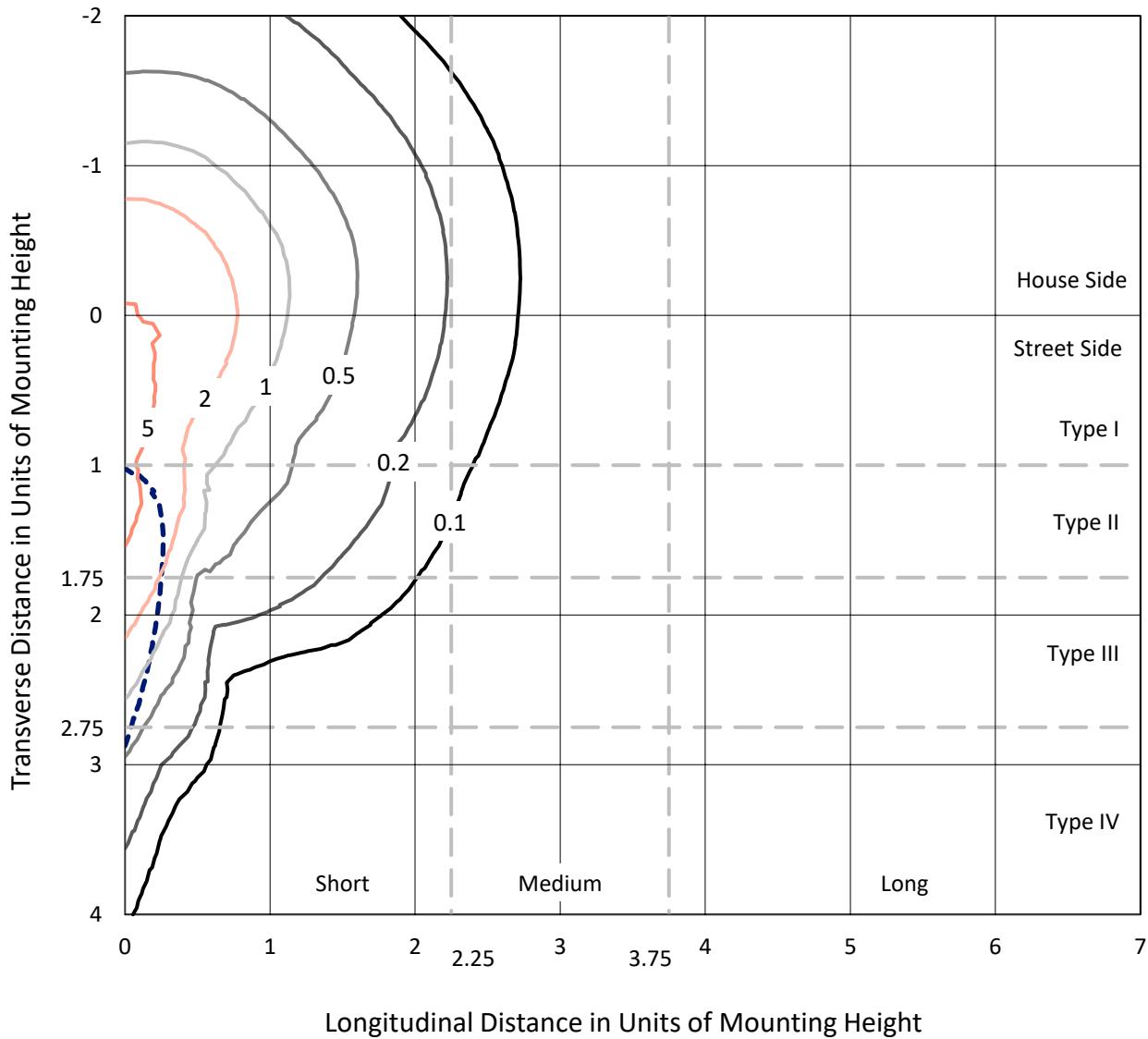
Lumens per Lamp: N/A  
Luminaire Lumens: 28937.1 lumens  
Efficiency: N/A  
Efficacy: 142.8 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G4  
  
Input Watts (W): 202.6  
Input Voltage (V): 120  
Input Current (Ain): 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

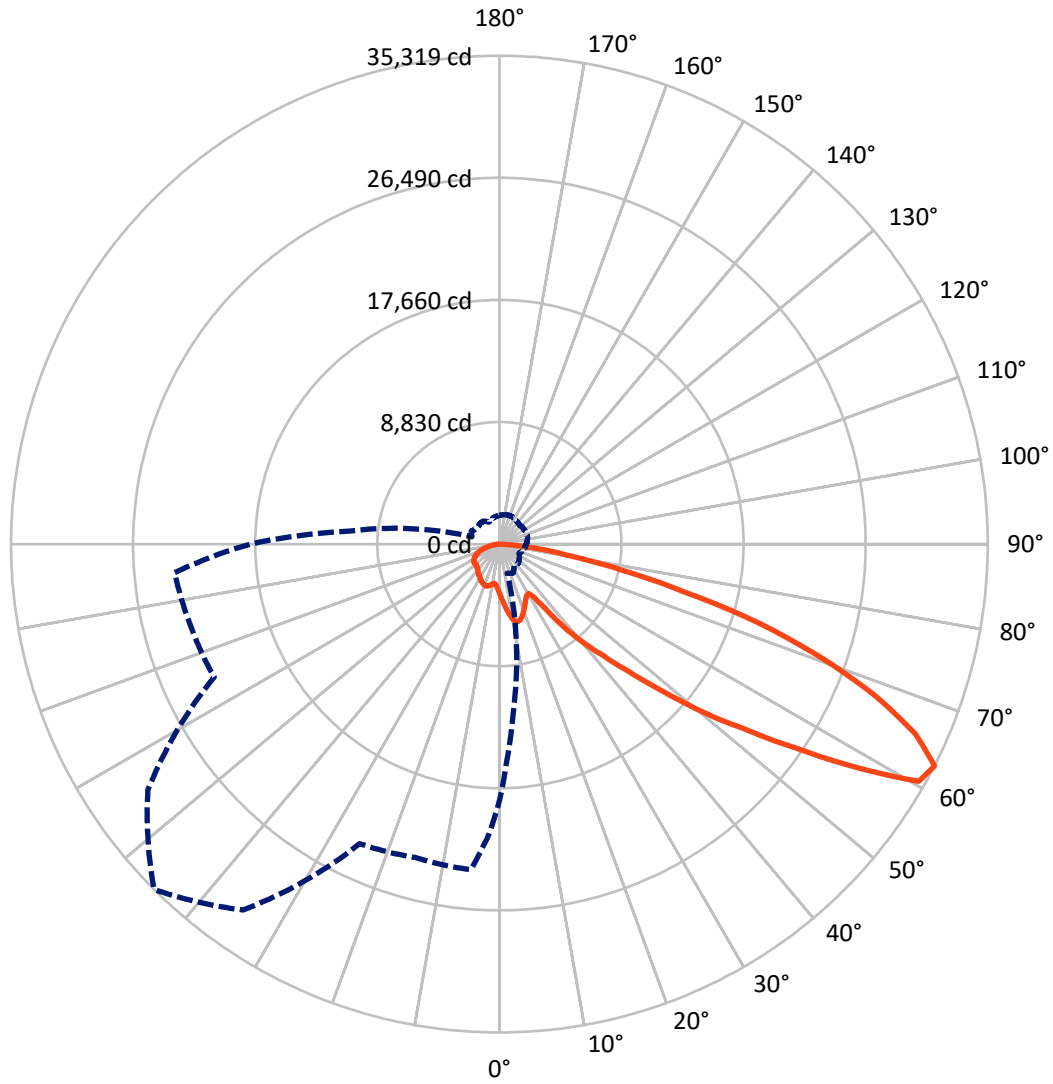
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.7 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	6918.9	0.0	6918.9
	% Fixture	23.9	0.0	23.9
<b>Street Side</b>	Lumens	22018.2	0.0	22018.2
	% Fixture	76.1	0.0	76.1
<b>Total</b>	Lumens	28937.1	0.0	28937.1
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	355.4	1.2
10°-20°	1155.1	4.0
20°-30°	1818.4	6.3
30°-40°	2492.5	8.6
40°-50°	3889.1	13.4
50°-60°	6705.6	23.2
60°-70°	7771.0	26.9
70°-80°	4101.9	14.2
80°-90°	648.0	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°	28937.1	100.0
0°-180°	28937.1	100.0

**Coefficient of Utilization**



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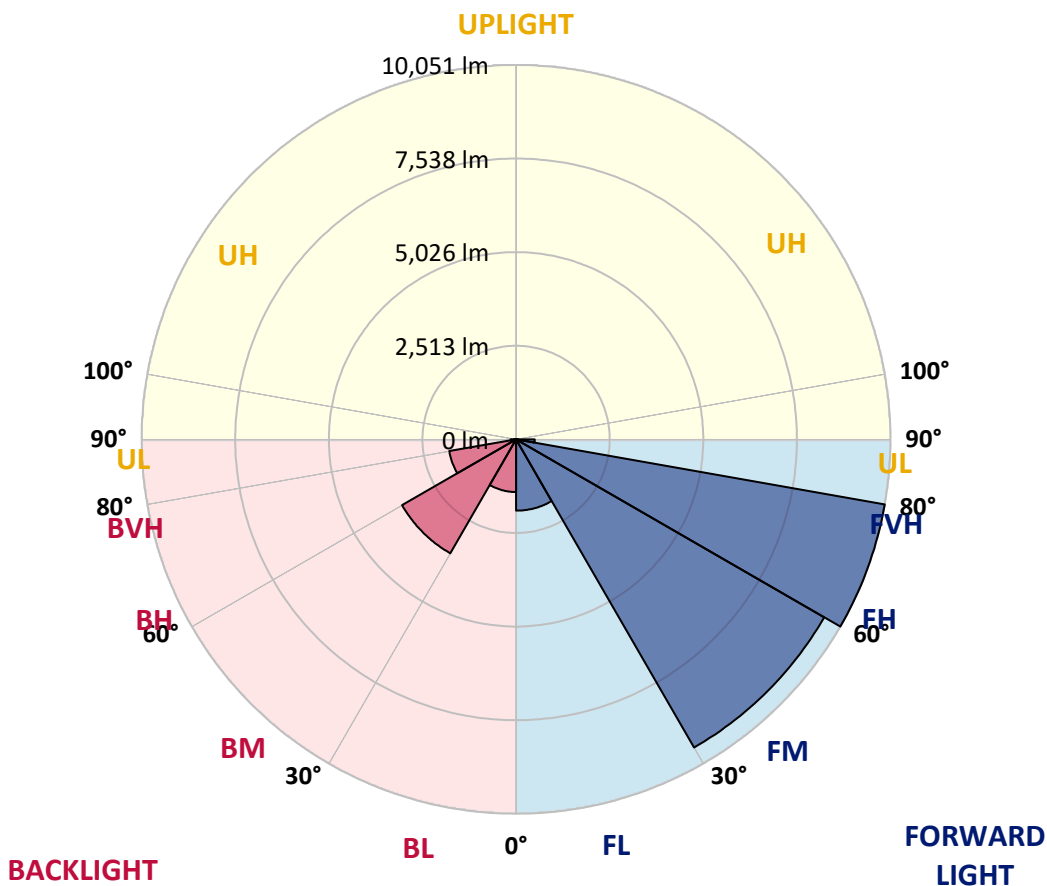
CATALOG NUMBER: GWS-SA4E-760-U-SLL-W

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1913.8	6.6			
FM (30°-60°)	9553.2	33.0			
FH (60°-80°)	10051.1	34.7			G4/12000
FVH (80°-90°)	500.1	1.7			G4/750
BL (0°-30°)	1415.2	4.9	B3/2500		
BM (30°-60°)	3534.1	12.2	B3/5000		
BH (60°-80°)	1821.8	6.3	B3/2500		G3/2500
BVH (80°-90°)	147.8	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°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3607.9	3607.9	3607.9	3607.9	3607.9	3607.9	3607.9	3607.9	3607.9	3607.9	3607.9
2.5°	3919.9	3904.5	3882.3	3807.1	3760.6	3707.5	3652.1	3587.9	3514.9	3464.0	3413.1
5°	4252.0	4227.6	4174.5	3995.2	3871.3	3736.2	3623.4	3495.0	3368.8	3282.5	3196.2
7.5°	4570.7	4539.7	4457.8	4183.3	3981.9	3787.1	3616.7	3430.8	3242.6	3114.3	3012.5
10°	4889.4	4825.2	4721.2	4362.6	4097.0	3871.3	3676.5	3448.5	3198.4	3023.5	2915.1
12.5°	5132.9	5073.1	4960.3	4526.4	4212.1	3928.8	3709.7	3499.4	3286.9	3101.0	2990.3
15°	5360.9	5283.4	5155.0	4679.1	4307.3	3926.6	3643.3	3459.6	3428.6	3382.1	3238.2
17.5°	5524.7	5453.8	5321.0	4803.1	4360.4	3858.0	3459.6	3351.1	3490.5	3632.2	3495.0
20°	5668.5	5586.6	5451.6	4889.4	4371.5	3705.2	3236.0	3238.2	3457.3	3652.1	3618.9
22.5°	5790.3	5699.5	5580.0	4986.8	4367.1	3492.8	3041.2	3174.0	3393.2	3545.9	3550.3
25°	5940.8	5865.5	5765.9	5130.7	4367.1	3275.8	2899.6	3096.6	3284.7	3413.1	3408.7
27.5°	6124.5	6073.6	5991.7	5349.8	4406.9	3094.3	2819.9	2997.0	3145.3	3255.9	3253.7
30°	6330.4	6283.9	6221.9	5582.2	4475.5	2959.3	2775.6	2873.0	2981.5	3070.0	3070.0
32.5°	6540.6	6522.9	6456.5	5768.1	4422.4	2917.3	2738.0	2749.1	2806.6	2879.6	2873.0
35°	6832.8	6815.1	6731.0	5912.0	4192.2	2857.5	2678.2	2622.9	2629.5	2676.0	2691.5
37.5°	7260.0	7233.4	7109.5	6080.2	3844.7	2707.0	2580.8	2490.1	2470.2	2490.1	2518.9
40°	7775.7	7735.9	7567.6	6308.2	3444.1	2503.4	2428.1	2352.9	2319.7	2326.3	2359.5
42.5°	8422.0	8337.9	8096.7	6549.5	3047.9	2324.1	2257.7	2211.2	2173.6	2169.1	2233.3
45°	9471.2	9241.0	8858.1	6764.2	2713.6	2228.9	2105.0	2071.8	2040.8	2058.5	2133.7
47.5°	11303.9	10878.9	10133.0	6947.9	2510.0	2231.1	1983.2	1947.8	1945.6	1981.0	2065.1
50°	13822.7	13209.6	12058.7	7071.8	2403.8	2257.7	1910.2	1852.6	1894.7	1930.1	2009.8
52.5°	16235.4	15299.1	13929.0	7069.6	2357.3	2262.1	1930.1	1764.1	1894.7	1903.5	1978.8
55°	18296.0	16600.6	14433.6	6343.6	2290.9	2244.4	2007.6	1695.5	1870.3	1903.5	1963.3
57.5°	19934.0	17428.4	14396.0	5124.0	2492.3	2147.0	2054.0	1680.0	1799.5	1908.0	1976.6
60°	19752.5	17049.9	13468.6	3145.3	2472.4	1974.4	2047.4	1708.8	1680.0	1848.2	1961.1
62.5°	18546.2	15693.1	11872.7	2182.4	2321.9	1874.8	1938.9	1759.7	1569.3	1761.9	1885.8
65°	16857.3	13942.3	9893.9	1673.3	1923.5	1879.2	1755.2	1724.2	1471.9	1624.6	1757.4
67.5°	14624.0	11770.9	7811.1	1325.8	1341.3	1626.9	1593.7	1531.7	1381.2	1502.9	1622.4
70°	10994.0	8590.2	5374.2	1066.9	1016.0	1359.0	1432.1	1376.7	1292.6	1328.0	1454.2
72.5°	7746.9	5608.8	2943.8	845.5	783.5	1044.7	1243.9	1235.1	1142.1	1168.7	1292.6
75°	5757.1	3968.6	1839.3	668.4	637.5	748.1	1042.5	1069.1	991.6	1022.6	1117.8
77.5°	3831.4	2569.8	1022.6	495.8	495.8	546.7	776.9	900.9	843.3	867.7	934.1
80°	2113.8	1308.1	511.3	325.4	334.2	376.3	566.6	648.5	650.7	710.5	728.2
82.5°	668.4	416.1	228.0	190.4	179.3	214.7	365.2	464.8	433.8	553.4	509.1
85°	152.7	97.4	42.1	42.1	46.5	70.8	139.4	247.9	316.5	380.7	276.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	97.4	143.9	128.4
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°	3607.9	3607.9	3607.9	3607.9	3607.9	3607.9	3607.9	3607.9	3607.9	3607.9	3607.9
2.5°	3382.1	3337.8	3324.5	3286.9	3282.5	3247.1	3233.8	3233.8	3249.3	3249.3	3264.8
5°	3160.7	3105.4	3074.4	3030.2	3019.1	2992.5	2974.8	2977.0	2997.0	3010.2	3036.8
7.5°	2966.0	2928.3	2906.2	2886.3	2881.9	2877.4	2857.5	2855.3	2861.9	2881.9	2901.8
10°	2884.1	2857.5	2864.2	2879.6	2904.0	2917.3	2899.6	2890.7	2884.1	2897.4	2915.1
12.5°	2963.8	2937.2	2950.5	2977.0	3010.2	3023.5	3016.9	3014.7	3021.3	3072.2	3109.8
15°	3138.6	3087.7	3070.0	3081.1	3107.6	3120.9	3114.3	3123.1	3165.2	3298.0	3393.2
17.5°	3355.5	3231.6	3160.7	3140.8	3151.9	3163.0	3163.0	3185.1	3258.1	3452.9	3572.4
20°	3472.8	3311.3	3191.7	3143.0	3147.5	3158.5	3158.5	3189.5	3271.4	3479.5	3556.9
22.5°	3441.9	3293.6	3147.5	3094.3	3096.6	3105.4	3105.4	3132.0	3205.0	3388.7	3424.1
25°	3320.1	3189.5	3045.7	2999.2	3003.6	3019.1	3014.7	3030.2	3085.5	3236.0	3255.9
27.5°	3174.0	3058.9	2917.3	2881.9	2901.8	2932.8	2906.2	2908.4	2959.3	3085.5	3087.7
30°	3016.9	2921.7	2795.5	2769.0	2806.6	2822.1	2797.7	2797.7	2848.7	2935.0	2932.8
32.5°	2846.4	2786.7	2695.9	2667.2	2709.2	2733.6	2702.6	2707.0	2746.8	2804.4	2782.3
35°	2687.1	2656.1	2614.0	2594.1	2620.7	2642.8	2622.9	2631.7	2669.4	2684.9	2653.9
37.5°	2534.4	2529.9	2534.4	2534.4	2541.0	2547.6	2534.4	2556.5	2589.7	2569.8	2534.4
40°	2401.5	2419.3	2461.3	2450.2	2443.6	2450.2	2441.4	2479.0	2512.2	2476.8	2434.8
42.5°	2290.9	2324.1	2388.3	2388.3	2375.0	2379.4	2375.0	2421.5	2445.8	2397.1	2350.6
45°	2195.7	2244.4	2326.3	2337.4	2315.2	2315.2	2324.1	2381.6	2390.5	2324.1	2275.4
47.5°	2129.3	2189.1	2282.0	2301.9	2268.7	2266.5	2290.9	2352.9	2352.9	2275.4	2220.0
50°	2082.8	2149.2	2259.9	2286.5	2253.3	2244.4	2284.2	2344.0	2330.7	2237.8	2182.4
52.5°	2051.8	2120.4	2257.7	2295.3	2273.2	2264.3	2304.2	2346.2	2313.0	2213.4	2155.9
55°	2031.9	2107.2	2264.3	2295.3	2271.0	2255.5	2295.3	2332.9	2315.2	2200.1	2144.8
57.5°	2043.0	2118.2	2255.5	2271.0	2242.2	2215.6	2262.1	2315.2	2308.6	2204.6	2149.2
60°	2025.3	2093.9	2206.8	2211.2	2162.5	2120.4	2189.1	2268.7	2268.7	2189.1	2140.4
62.5°	1943.4	2012.0	2111.6	2116.0	2060.7	2014.2	2093.9	2189.1	2186.8	2122.7	2071.8
65°	1808.4	1872.5	1985.4	1996.5	1941.2	1892.5	1974.4	2062.9	2069.5	2012.0	1967.7
67.5°	1660.1	1717.6	1801.7	1846.0	1799.5	1748.6	1823.8	1908.0	1905.7	1837.1	1790.6
70°	1483.0	1536.1	1613.6	1651.2	1622.4	1573.7	1642.3	1686.6	1666.7	1633.5	1602.5
72.5°	1308.1	1359.0	1432.1	1432.1	1401.1	1354.6	1374.5	1454.2	1478.6	1454.2	1434.3
75°	1124.4	1168.7	1219.6	1230.7	1162.0	1077.9	1170.9	1239.5	1268.3	1257.2	1232.9
77.5°	936.3	969.5	1044.7	1024.8	896.4	852.2	927.4	1029.2	1049.2	1042.5	1009.3
80°	721.6	741.5	821.2	781.3	681.7	653.0	686.2	765.8	770.3	748.1	706.1
82.5°	484.7	511.3	564.4	487.0	484.7	458.2	431.6	440.5	480.3	475.9	447.1
85°	247.9	261.2	312.1	292.2	250.1	216.9	205.8	219.1	197.0	179.3	154.9
87.5°	104.0	112.9	154.9	86.3	26.6	0.0	0.0	13.3	19.9	28.8	31.0
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°	3607.9	3607.9	3607.9	3607.9	3607.9	3607.9	3607.9	3607.9	3607.9	3607.9	3607.9
2.5°	3300.2	3324.5	3384.3	3459.6	3532.6	3607.9	3689.8	3740.7	3802.6	3882.3	3884.5
5°	3070.0	3125.3	3211.7	3326.8	3446.3	3583.5	3742.9	3875.7	4035.0	4161.2	4212.1
7.5°	2928.3	3008.0	3116.5	3262.6	3419.7	3590.1	3798.2	4021.8	4282.9	4451.2	4550.8
10°	2941.6	3063.4	3171.8	3295.8	3437.4	3621.1	3889.0	4185.6	4506.5	4727.8	4851.8
12.5°	3178.5	3306.8	3286.9	3280.3	3375.4	3599.0	3962.0	4351.6	4743.3	4964.7	5113.0
15°	3477.3	3526.0	3337.8	3196.2	3253.7	3519.3	4001.8	4499.9	4940.3	5210.4	5356.5
17.5°	3630.0	3532.6	3304.6	3092.1	3076.6	3397.6	4021.8	4650.4	5161.7	5431.7	5586.6
20°	3559.2	3417.5	3224.9	3023.5	2912.8	3231.6	4010.7	4769.9	5363.1	5664.1	5790.3
22.5°	3406.4	3282.5	3132.0	2939.4	2780.0	3050.1	3981.9	4889.4	5542.4	5845.6	5956.3
25°	3240.4	3147.5	3023.5	2855.3	2704.8	2890.7	3962.0	5048.8	5748.2	6038.2	6109.0
27.5°	3074.4	3005.8	2904.0	2773.4	2687.1	2780.0	3968.6	5256.8	6013.8	6288.3	6259.5
30°	2910.6	2850.9	2780.0	2722.5	2684.9	2753.5	3950.9	5478.2	6306.0	6560.5	6390.1
32.5°	2755.7	2700.4	2656.1	2664.9	2687.1	2764.5	3860.2	5679.6	6573.8	6790.7	6531.8
35°	2622.9	2565.3	2565.3	2596.3	2678.2	2726.9	3625.6	5836.8	6870.4	7087.3	6733.2
37.5°	2498.9	2448.0	2481.2	2532.1	2609.6	2625.1	3324.5	5989.5	7302.0	7505.7	7045.3
40°	2390.5	2339.6	2399.3	2463.5	2503.4	2496.7	3019.1	6202.0	7811.1	8021.4	7459.2
42.5°	2304.2	2257.7	2310.8	2392.7	2399.3	2406.0	2795.5	6405.6	8402.1	8669.9	8171.9
45°	2233.3	2200.1	2226.7	2308.6	2308.6	2410.4	2656.1	6576.0	9291.9	9765.6	9480.0
47.5°	2178.0	2158.1	2171.4	2197.9	2242.2	2490.1	2567.6	6706.6	10912.1	11841.7	11554.0
50°	2147.0	2127.1	2144.8	2089.5	2222.3	2529.9	2538.8	6806.2	13048.0	14504.5	14148.1
52.5°	2120.4	2113.8	2124.9	1996.5	2266.5	2503.4	2516.6	6673.4	14480.1	17125.1	17477.1
55°	2111.6	2116.0	2062.9	1927.9	2319.7	2414.8	2450.2	5723.9	14869.7	19385.0	21569.7
57.5°	2116.0	2102.7	1967.7	1934.5	2321.9	2237.8	2545.4	4083.7	14303.1	20367.8	25573.7
60°	2100.5	2034.1	1852.6	1994.3	2220.0	2029.7	2476.8	2662.7	12809.0	19613.0	25806.1
62.5°	2031.9	1934.5	1753.0	2027.5	2038.5	1905.7	2248.8	2051.8	10816.9	17997.2	23566.2
65°	1932.3	1801.7	1668.9	1958.9	1854.8	1848.2	1691.0	1644.6	8698.7	16073.8	21441.3
67.5°	1768.5	1637.9	1606.9	1801.7	1668.9	1637.9	1359.0	1363.5	6941.3	14024.2	19305.4
70°	1582.6	1452.0	1476.3	1629.1	1485.2	1361.2	1100.1	1135.5	5265.7	11684.6	16425.7
72.5°	1460.9	1286.0	1288.2	1434.3	1305.9	1102.3	905.3	936.3	3342.2	8807.2	13059.1
75°	1232.9	1133.3	1084.6	1162.0	1108.9	858.8	761.4	754.8	1981.0	6312.6	9778.8
77.5°	1029.2	951.8	927.4	958.4	827.8	635.2	613.1	602.0	1122.2	4043.9	6407.8
80°	745.9	726.0	723.8	739.3	637.5	467.0	467.0	469.2	604.3	2195.7	3612.3
82.5°	473.7	517.9	458.2	509.1	433.8	332.0	309.9	351.9	347.5	936.3	1522.8
85°	197.0	270.0	252.3	267.8	205.8	181.5	194.8	210.3	201.4	360.8	593.2
87.5°	37.6	44.3	48.7	46.5	46.5	57.5	64.2	77.5	77.5	104.0	179.3
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):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	3607.9	3607.9	3607.9	3607.9	3607.9	3607.9	3607.9	3607.9	3607.9	3607.9
2.5°	3968.6	4032.8	4019.6	4048.3	4010.7	4024.0	3948.7	3928.8	3915.5	3919.9
5°	4375.9	4506.5	4530.8	4579.5	4546.3	4546.3	4413.5	4313.9	4278.5	4252.0
7.5°	4789.8	4978.0	5101.9	5115.2	5097.5	5062.1	4869.5	4690.2	4626.0	4570.7
10°	5157.2	5383.0	5522.5	5588.9	5555.7	5500.3	5261.3	5015.6	4938.1	4889.4
12.5°	5438.3	5637.6	5730.5	5774.8	5770.4	5750.4	5555.7	5290.0	5208.2	5132.9
15°	5619.8	5719.4	5684.0	5681.8	5712.8	5792.5	5732.7	5524.7	5429.5	5360.9
17.5°	5737.2	5642.0	5484.8	5411.8	5478.2	5666.3	5803.6	5686.2	5599.9	5524.7
20°	5779.2	5440.6	5212.6	5077.6	5155.0	5427.3	5765.9	5803.6	5730.5	5668.5
22.5°	5730.5	5194.9	4885.0	4725.6	4800.9	5126.3	5655.3	5898.7	5850.0	5790.3
25°	5611.0	4938.1	4566.3	4422.4	4504.3	4836.3	5458.3	5987.3	5989.5	5940.8
27.5°	5462.7	4701.3	4342.7	4207.7	4287.4	4597.3	5265.7	6064.7	6142.2	6124.5
30°	5312.2	4559.6	4236.5	4141.3	4201.1	4475.5	5068.7	6144.4	6299.4	6330.4
32.5°	5243.6	4628.2	4486.6	4528.6	4451.2	4546.3	4997.9	6257.3	6489.7	6540.6
35°	5334.3	5236.9	5595.5	5761.5	5487.0	5126.3	5088.6	6427.7	6757.5	6832.8
37.5°	5774.8	6540.6	7076.3	7660.6	7184.7	6390.1	5538.0	6717.7	7140.5	7260.0
40°	6733.2	7678.3	8645.6	9400.3	8681.0	7611.9	6392.3	7149.3	7667.2	7775.7
42.5°	7636.3	8745.2	10077.7	11053.8	10119.7	8610.2	7313.1	7875.3	8362.3	8422.0
45°	8521.6	9792.1	11810.8	13167.6	11899.3	9559.7	8253.8	9101.5	9469.0	9471.2
47.5°	9559.7	10971.9	13984.3	15916.6	14261.0	10611.1	9137.0	11042.7	11554.0	11303.9
50°	10801.4	12145.0	16222.1	19115.0	17140.6	11903.7	10259.2	13408.8	14106.1	13822.7
52.5°	12463.7	13437.6	18687.8	22233.7	20279.3	13375.6	11886.0	16534.2	16764.4	16235.4
55°	14803.3	15303.5	21853.0	26085.0	23783.1	15188.4	14265.4	20456.3	19812.2	18296.0
57.5°	20131.0	18256.2	25916.8	30478.6	27747.3	18482.0	19480.2	24781.3	22490.5	19934.0
60°	24588.8	21841.9	29677.4	34839.1	31144.9	22112.0	24376.3	25533.9	22390.8	19752.5
62.5°	23085.9	22756.1	31034.2	35319.4	32304.7	23898.2	23466.6	23637.0	20930.0	18546.2
65°	20254.9	20992.0	29823.5	33041.8	31018.7	22297.9	21226.6	21884.0	19258.9	16857.3
67.5°	18583.8	19126.1	27669.8	29396.3	28681.4	20567.0	19484.6	19008.8	16664.8	14624.0
70°	16875.0	17324.4	24646.3	24821.2	25035.9	17689.6	15932.1	14515.5	12421.7	10994.0
72.5°	14581.9	14606.3	20823.8	19810.0	20217.3	13842.7	12824.5	10852.3	9041.8	7746.9
75°	12233.5	11565.1	16483.3	13847.1	14663.8	10768.2	10648.7	8178.5	6819.5	5757.1
77.5°	9327.3	8546.0	12040.9	9106.0	10299.0	7171.4	8005.9	5546.8	4798.7	3831.4
80°	6261.7	5774.8	6653.5	5139.5	6737.6	4942.5	5221.4	3143.0	2724.7	2113.8
82.5°	3302.4	2819.9	4112.5	3047.9	4063.8	2715.9	1958.9	971.7	827.8	668.4
85°	1279.4	1480.8	2016.4	1084.6	1575.9	969.5	566.6	241.3	201.4	152.7
87.5°	247.9	382.9	210.3	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)