

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: P639857

Luminaire Tested: GWS-SA5C-760-U-SLL-W

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P639857  
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-SA5C-760-U-SLL-W  
Description: GALLEON WALL SLIM LUMINAIRE. (5) LIGHTSQUARES WITH 16 LEDS EACH AND  
SPILL LIGHT ELIMINATOR LEFT OPTICS  
Light Source: (80) 5700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

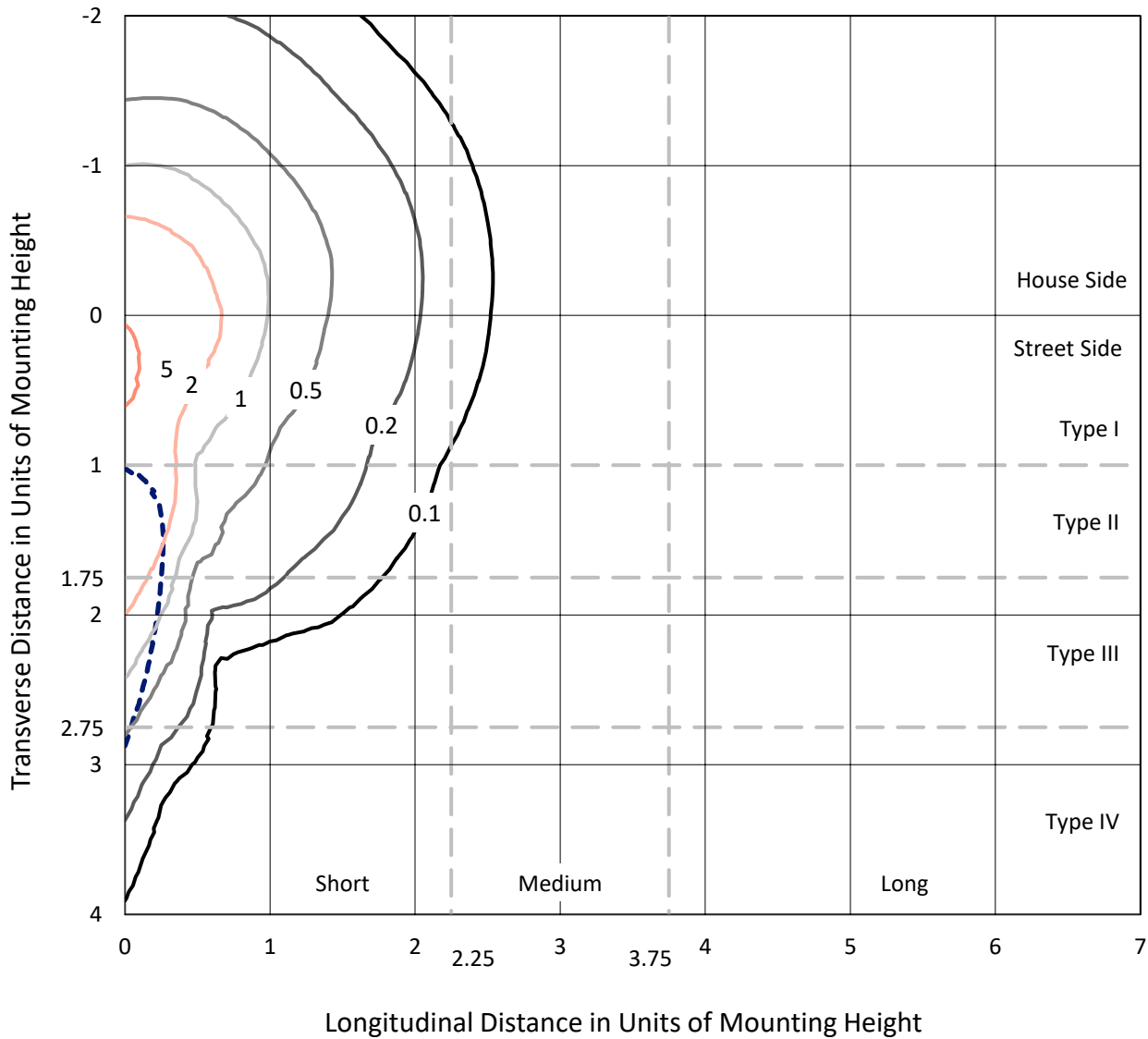
Lumens per Lamp: N/A  
Luminaire Lumens: 22516.5 lumens  
Efficiency: N/A  
Efficacy: 143.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G4  
  
Input Watts (W): 157.5  
Input Voltage (V): 120  
Input Current (Ain): 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

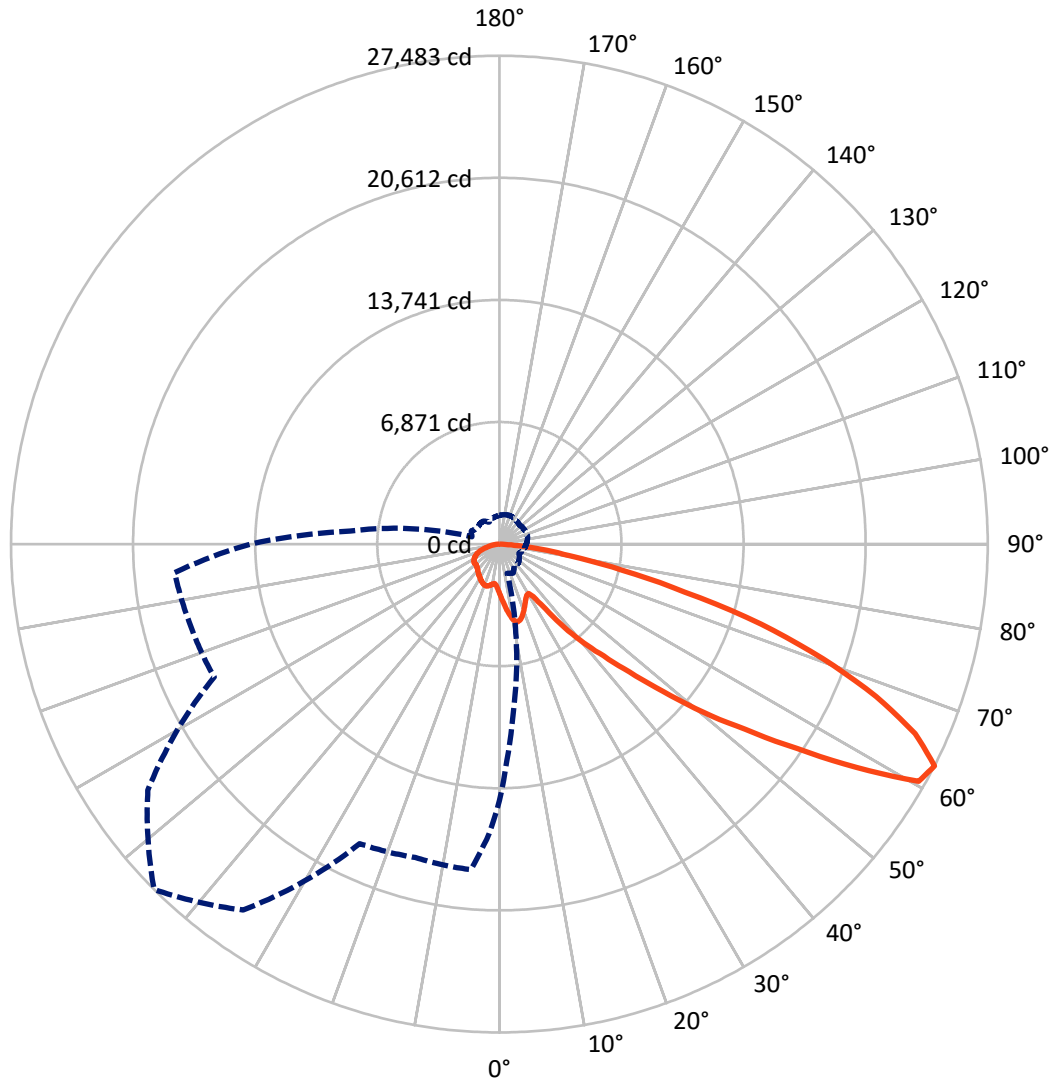
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6 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	5383.7	0.0	5383.7
	% Fixture	23.9	0.0	23.9
<b>Street Side</b>	Lumens	17132.8	0.0	17132.8
	% Fixture	76.1	0.0	76.1
<b>Total</b>	Lumens	22516.5	0.0	22516.5
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	276.6	1.2
10°-20°	898.8	4.0
20°-30°	1415.0	6.3
30°-40°	1939.5	8.6
40°-50°	3026.2	13.4
50°-60°	5217.8	23.2
60°-70°	6046.7	26.9
70°-80°	3191.7	14.2
80°-90°	504.2	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°	22516.5	100.0
0°-180°	22516.5	100.0

**Coefficient of Utilization**



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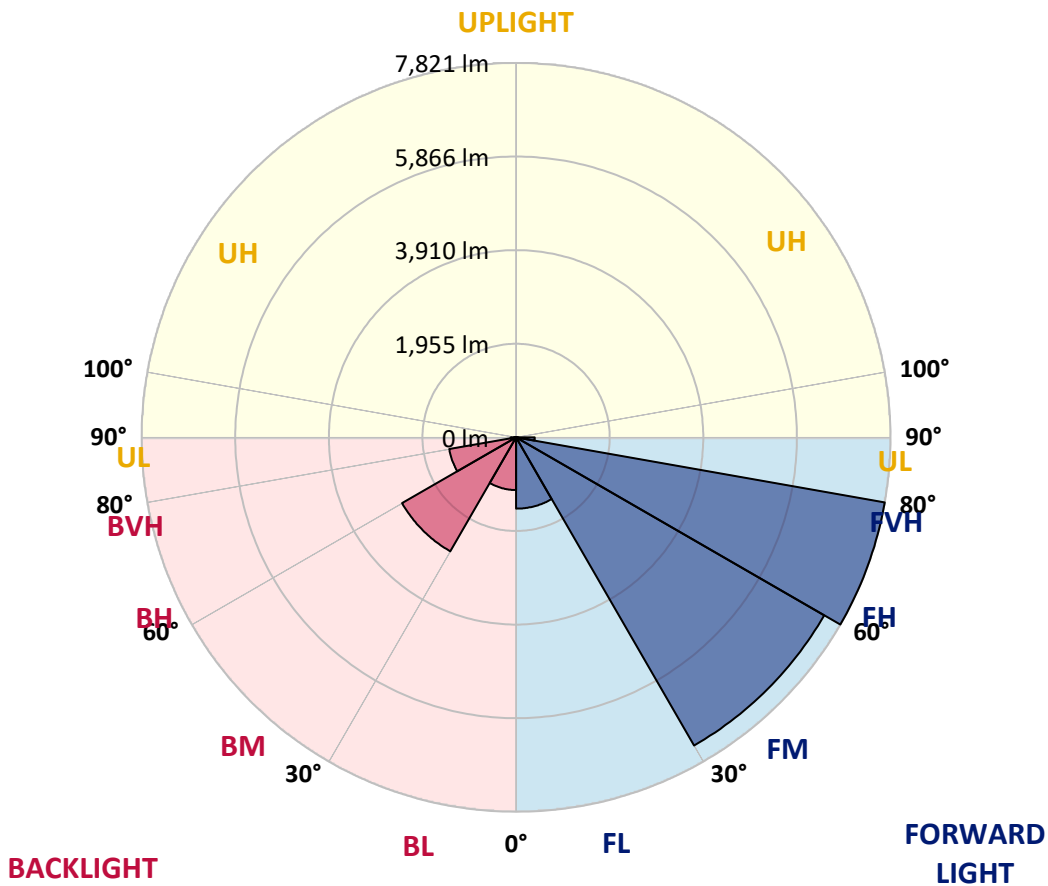
CATALOG NUMBER: GWS-SA5C-760-U-SLL-W

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1489.2	6.6			
FM (30°-60°)	7433.5	33.0			
FH (60°-80°)	7820.9	34.7			G4/12000
FVH (80°-90°)	389.2	1.7			G3/500
BL (0°-30°)	1101.2	4.9	B3/2500		
BM (30°-60°)	2750.0	12.2	B3/5000		
BH (60°-80°)	1417.6	6.3	B3/2500		G3/2500
BVH (80°-90°)	115.0	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°	2807.3	2807.3	2807.3	2807.3	2807.3	2807.3	2807.3	2807.3	2807.3	2807.3	2807.3
2.5°	3050.2	3038.1	3020.9	2962.3	2926.2	2884.8	2841.8	2791.8	2735.0	2695.4	2655.8
5°	3308.5	3289.6	3248.2	3108.7	3012.3	2907.2	2819.4	2719.5	2621.3	2554.2	2487.0
7.5°	3556.5	3532.4	3468.7	3255.1	3098.4	2946.8	2814.2	2669.6	2523.2	2423.3	2344.0
10°	3804.6	3754.6	3673.7	3394.6	3188.0	3012.3	2860.7	2683.3	2488.7	2352.7	2268.3
12.5°	3994.0	3947.5	3859.7	3522.1	3277.5	3057.1	2886.6	2722.9	2557.6	2412.9	2326.8
15°	4171.4	4111.1	4011.2	3640.9	3351.6	3055.4	2834.9	2691.9	2667.8	2631.7	2519.7
17.5°	4298.8	4243.7	4140.4	3737.4	3392.9	3002.0	2691.9	2607.6	2716.1	2826.3	2719.5
20°	4410.8	4347.1	4242.0	3804.6	3401.5	2883.1	2518.0	2519.7	2690.2	2841.8	2816.0
22.5°	4505.5	4434.9	4341.9	3880.3	3398.1	2717.8	2366.4	2469.8	2640.3	2759.1	2762.6
25°	4622.6	4564.1	4486.6	3992.3	3398.1	2549.0	2256.2	2409.5	2555.9	2655.8	2652.3
27.5°	4765.6	4726.0	4662.3	4162.8	3429.1	2407.8	2194.2	2332.0	2447.4	2533.5	2531.8
30°	4925.8	4889.6	4841.4	4343.6	3482.5	2302.7	2159.8	2235.5	2319.9	2388.8	2388.8
32.5°	5089.4	5075.6	5023.9	4488.3	3441.1	2270.0	2130.5	2139.1	2183.9	2240.7	2235.5
35°	5316.7	5302.9	5237.5	4600.3	3262.0	2223.5	2084.0	2040.9	2046.1	2082.3	2094.3
37.5°	5649.1	5628.5	5532.0	4731.1	2991.6	2106.4	2008.2	1937.6	1922.1	1937.6	1960.0
40°	6050.4	6019.4	5888.5	4908.5	2679.9	1947.9	1889.4	1830.8	1805.0	1810.1	1836.0
42.5°	6553.3	6487.9	6300.2	5096.3	2371.6	1808.4	1756.7	1720.6	1691.3	1687.8	1737.8
45°	7369.7	7190.6	6892.6	5263.3	2111.5	1734.4	1637.9	1612.1	1588.0	1601.7	1660.3
47.5°	8795.8	8465.1	7884.7	5406.3	1953.1	1736.1	1543.2	1515.6	1513.9	1541.5	1606.9
50°	10755.7	10278.7	9383.1	5502.7	1870.4	1756.7	1486.3	1441.6	1474.3	1501.8	1563.8
52.5°	12633.0	11904.5	10838.4	5501.0	1834.2	1760.2	1501.8	1372.7	1474.3	1481.2	1539.7
55°	14236.5	12917.2	11231.1	4936.1	1782.6	1746.4	1562.1	1319.3	1455.3	1481.2	1527.7
57.5°	15511.0	13561.4	11201.8	3987.1	1939.3	1670.6	1598.3	1307.2	1400.2	1484.6	1538.0
60°	15369.8	13266.8	10480.2	2447.4	1923.8	1536.3	1593.1	1329.6	1307.2	1438.1	1526.0
62.5°	14431.1	12211.1	9238.4	1698.2	1806.7	1458.8	1508.7	1369.2	1221.1	1370.9	1467.4
65°	13117.0	10848.7	7698.7	1302.1	1496.7	1462.2	1365.8	1341.7	1145.3	1264.2	1367.5
67.5°	11379.2	9159.2	6078.0	1031.7	1043.7	1265.9	1240.1	1191.8	1074.7	1169.4	1262.4
70°	8554.6	6684.2	4181.7	830.1	790.5	1057.5	1114.3	1071.3	1005.8	1033.4	1131.5
72.5°	6028.0	4364.3	2290.7	657.9	609.7	812.9	967.9	961.0	888.7	909.4	1005.8
75°	4479.7	3088.1	1431.2	520.1	496.0	582.1	811.2	831.9	771.6	795.7	869.8
77.5°	2981.3	1999.6	795.7	385.8	385.8	425.4	604.5	701.0	656.2	675.1	726.8
80°	1644.8	1017.9	397.9	253.2	260.1	292.8	440.9	504.6	506.4	552.9	566.6
82.5°	520.1	323.8	177.4	148.1	139.5	167.1	284.2	361.7	337.6	430.6	396.1
85°	118.8	75.8	32.7	32.7	36.2	55.1	108.5	192.9	246.3	296.2	215.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	75.8	111.9	99.9
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2807.3	2807.3	2807.3	2807.3	2807.3	2807.3	2807.3	2807.3	2807.3	2807.3	2807.3
2.5°	2631.7	2597.2	2586.9	2557.6	2554.2	2526.6	2516.3	2516.3	2528.3	2528.3	2540.4
5°	2459.4	2416.4	2392.3	2357.8	2349.2	2328.5	2314.8	2316.5	2332.0	2342.3	2363.0
7.5°	2307.9	2278.6	2261.4	2245.9	2242.4	2239.0	2223.5	2221.8	2226.9	2242.4	2257.9
10°	2244.2	2223.5	2228.7	2240.7	2259.7	2270.0	2256.2	2249.3	2244.2	2254.5	2268.3
12.5°	2306.2	2285.5	2295.8	2316.5	2342.3	2352.7	2347.5	2345.8	2350.9	2390.5	2419.8
15°	2442.2	2402.6	2388.8	2397.4	2418.1	2428.4	2423.3	2430.2	2462.9	2566.2	2640.3
17.5°	2611.0	2514.6	2459.4	2443.9	2452.5	2461.2	2461.2	2478.4	2535.2	2686.8	2779.8
20°	2702.3	2576.6	2483.5	2445.7	2449.1	2457.7	2457.7	2481.8	2545.6	2707.4	2767.7
22.5°	2678.2	2562.8	2449.1	2407.8	2409.5	2416.4	2416.4	2437.0	2493.9	2636.8	2664.4
25°	2583.4	2481.8	2369.9	2333.7	2337.2	2349.2	2345.8	2357.8	2400.9	2518.0	2533.5
27.5°	2469.8	2380.2	2270.0	2242.4	2257.9	2282.0	2261.4	2263.1	2302.7	2400.9	2402.6
30°	2347.5	2273.4	2175.3	2154.6	2183.9	2195.9	2177.0	2177.0	2216.6	2283.8	2282.0
32.5°	2214.9	2168.4	2097.8	2075.4	2108.1	2127.0	2102.9	2106.4	2137.4	2182.1	2164.9
35°	2090.9	2066.8	2034.0	2018.5	2039.2	2056.4	2040.9	2047.8	2077.1	2089.1	2065.0
37.5°	1972.0	1968.6	1972.0	1972.0	1977.2	1982.4	1972.0	1989.3	2015.1	1999.6	1972.0
40°	1868.7	1882.5	1915.2	1906.6	1901.4	1906.6	1899.7	1929.0	1954.8	1927.2	1894.5
42.5°	1782.6	1808.4	1858.4	1858.4	1848.0	1851.5	1848.0	1884.2	1903.1	1865.2	1829.1
45°	1708.5	1746.4	1810.1	1818.7	1801.5	1801.5	1808.4	1853.2	1860.1	1808.4	1770.5
47.5°	1656.8	1703.4	1775.7	1791.2	1765.4	1763.6	1782.6	1830.8	1830.8	1770.5	1727.5
50°	1620.7	1672.3	1758.5	1779.1	1753.3	1746.4	1777.4	1823.9	1813.6	1741.2	1698.2
52.5°	1596.6	1650.0	1756.7	1786.0	1768.8	1761.9	1792.9	1825.6	1799.8	1722.3	1677.5
55°	1581.1	1639.6	1761.9	1786.0	1767.1	1755.0	1786.0	1815.3	1801.5	1712.0	1668.9
57.5°	1589.7	1648.2	1755.0	1767.1	1744.7	1724.0	1760.2	1801.5	1796.4	1715.4	1672.3
60°	1575.9	1629.3	1717.1	1720.6	1682.7	1650.0	1703.4	1765.4	1765.4	1703.4	1665.5
62.5°	1512.2	1565.6	1643.1	1646.5	1603.5	1567.3	1629.3	1703.4	1701.6	1651.7	1612.1
65°	1407.1	1457.1	1544.9	1553.5	1510.5	1472.6	1536.3	1605.2	1610.3	1565.6	1531.1
67.5°	1291.7	1336.5	1401.9	1436.4	1400.2	1360.6	1419.2	1484.6	1482.9	1429.5	1393.3
70°	1153.9	1195.3	1255.6	1284.8	1262.4	1224.6	1277.9	1312.4	1296.9	1271.1	1246.9
72.5°	1017.9	1057.5	1114.3	1114.3	1090.2	1054.0	1069.5	1131.5	1150.5	1131.5	1116.0
75°	874.9	909.4	949.0	957.6	904.2	838.8	911.1	964.5	986.9	978.3	959.3
77.5°	728.5	754.4	812.9	797.4	697.5	663.1	721.6	800.9	816.4	811.2	785.4
80°	561.5	577.0	639.0	608.0	530.5	508.1	533.9	595.9	599.4	582.1	549.4
82.5°	377.2	397.9	439.2	378.9	377.2	356.5	335.8	342.7	373.7	370.3	347.9
85°	192.9	203.2	242.8	227.3	194.6	168.8	160.2	170.5	153.3	139.5	120.6
87.5°	80.9	87.8	120.6	67.2	20.7	0.0	0.0	10.3	15.5	22.4	24.1
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	2807.3	2807.3	2807.3	2807.3	2807.3	2807.3	2807.3	2807.3	2807.3	2807.3	2807.3
2.5°	2567.9	2586.9	2633.4	2691.9	2748.8	2807.3	2871.1	2910.7	2958.9	3020.9	3022.6
5°	2388.8	2431.9	2499.1	2588.6	2681.6	2788.4	2912.4	3015.7	3139.7	3237.9	3277.5
7.5°	2278.6	2340.6	2425.0	2538.7	2660.9	2793.6	2955.5	3129.4	3332.6	3463.5	3541.0
10°	2288.9	2383.7	2468.0	2564.5	2674.7	2817.7	3026.1	3256.9	3506.6	3678.8	3775.3
12.5°	2473.2	2573.1	2557.6	2552.4	2626.5	2800.5	3082.9	3386.0	3690.9	3863.1	3978.5
15°	2705.7	2743.6	2597.2	2487.0	2531.8	2738.4	3113.9	3501.4	3844.2	4054.3	4168.0
17.5°	2824.6	2748.8	2571.4	2406.0	2394.0	2643.7	3129.4	3618.5	4016.4	4226.5	4347.1
20°	2769.5	2659.2	2509.4	2352.7	2266.5	2514.6	3120.8	3711.5	4173.1	4407.4	4505.5
22.5°	2650.6	2554.2	2437.0	2287.2	2163.2	2373.3	3098.4	3804.6	4312.6	4548.6	4634.7
25°	2521.4	2449.1	2352.7	2221.8	2104.6	2249.3	3082.9	3928.6	4472.8	4698.4	4753.5
27.5°	2392.3	2338.9	2259.7	2158.0	2090.9	2163.2	3088.1	4090.5	4679.5	4893.0	4870.7
30°	2264.8	2218.3	2163.2	2118.4	2089.1	2142.5	3074.3	4262.7	4906.8	5104.9	4972.3
32.5°	2144.3	2101.2	2066.8	2073.6	2090.9	2151.1	3003.7	4419.4	5115.2	5284.0	5082.5
35°	2040.9	1996.1	1996.1	2020.3	2084.0	2121.9	2821.1	4541.7	5346.0	5514.8	5239.2
37.5°	1944.5	1904.9	1930.7	1970.3	2030.6	2042.6	2586.9	4660.5	5681.9	5840.3	5482.1
40°	1860.1	1820.5	1867.0	1916.9	1947.9	1942.7	2349.2	4825.9	6078.0	6241.6	5804.1
42.5°	1792.9	1756.7	1798.1	1861.8	1867.0	1872.1	2175.3	4984.3	6537.8	6746.2	6358.7
45°	1737.8	1712.0	1732.6	1796.4	1796.4	1875.6	2066.8	5116.9	7230.2	7598.8	7376.6
47.5°	1694.7	1679.2	1689.6	1710.2	1744.7	1937.6	1997.9	5218.6	8490.9	9214.3	8990.4
50°	1670.6	1655.1	1668.9	1625.8	1729.2	1968.6	1975.5	5296.1	10152.9	11286.2	11008.9
52.5°	1650.0	1644.8	1653.4	1553.5	1763.6	1947.9	1958.2	5192.7	11267.3	13325.4	13599.2
55°	1643.1	1646.5	1605.2	1500.1	1805.0	1879.0	1906.6	4453.9	11570.4	15083.9	16783.8
57.5°	1646.5	1636.2	1531.1	1505.3	1806.7	1741.2	1980.6	3177.6	11129.5	15848.6	19899.4
60°	1634.5	1582.8	1441.6	1551.8	1727.5	1579.3	1927.2	2071.9	9966.9	15261.3	20080.2
62.5°	1581.1	1505.3	1364.1	1577.6	1586.2	1482.9	1749.9	1596.6	8416.9	14004.0	18337.3
65°	1503.6	1401.9	1298.6	1524.2	1443.3	1438.1	1315.8	1279.7	6768.6	12507.3	16683.9
67.5°	1376.1	1274.5	1250.4	1401.9	1298.6	1274.5	1057.5	1060.9	5401.1	10912.5	15021.9
70°	1231.4	1129.8	1148.8	1267.6	1155.7	1059.2	856.0	883.5	4097.3	9092.0	12781.2
72.5°	1136.7	1000.7	1002.4	1116.0	1016.2	857.7	704.4	728.5	2600.7	6853.0	10161.5
75°	959.3	881.8	843.9	904.2	862.9	668.3	592.5	587.3	1541.5	4912.0	7609.1
77.5°	800.9	740.6	721.6	745.8	644.1	494.3	477.1	468.5	873.2	3146.6	4986.0
80°	580.4	564.9	563.2	575.2	496.0	363.4	363.4	365.1	470.2	1708.5	2810.8
82.5°	368.6	403.0	356.5	396.1	337.6	258.3	241.1	273.8	270.4	728.5	1184.9
85°	153.3	210.1	196.3	208.4	160.2	141.2	151.6	163.6	156.7	280.7	461.6
87.5°	29.3	34.4	37.9	36.2	36.2	44.8	49.9	60.3	60.3	80.9	139.5
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°	358°	360°
0°	2807.3	2807.3	2807.3	2807.3	2807.3	2807.3	2807.3	2807.3	2807.3	2807.3
2.5°	3088.1	3138.0	3127.7	3150.1	3120.8	3131.1	3072.6	3057.1	3046.7	3050.2
5°	3405.0	3506.6	3525.5	3563.4	3537.6	3537.6	3434.3	3356.8	3329.2	3308.5
7.5°	3727.0	3873.4	3969.9	3980.2	3966.4	3938.9	3789.0	3649.5	3599.6	3556.5
10°	4012.9	4188.6	4297.1	4348.8	4323.0	4279.9	4093.9	3902.7	3842.4	3804.6
12.5°	4231.7	4386.7	4459.0	4493.5	4490.0	4474.5	4323.0	4116.3	4052.6	3994.0
15°	4372.9	4450.4	4422.9	4421.1	4445.2	4507.2	4460.7	4298.8	4224.8	4171.4
17.5°	4464.2	4390.1	4267.8	4211.0	4262.7	4409.1	4515.9	4424.6	4357.4	4298.8
20°	4496.9	4233.4	4056.0	3950.9	4011.2	4223.1	4486.6	4515.9	4459.0	4410.8
22.5°	4459.0	4042.2	3801.1	3677.1	3735.7	3988.8	4400.5	4589.9	4552.0	4505.5
25°	4366.0	3842.4	3553.1	3441.1	3504.9	3763.2	4247.2	4658.8	4660.5	4622.6
27.5°	4250.6	3658.2	3379.1	3274.1	3336.1	3577.2	4097.3	4719.1	4779.4	4765.6
30°	4133.5	3547.9	3296.5	3222.4	3268.9	3482.5	3944.1	4781.1	4901.7	4925.8
32.5°	4080.1	3601.3	3491.1	3523.8	3463.5	3537.6	3888.9	4868.9	5049.8	5089.4
35°	4150.7	4075.0	4354.0	4483.1	4269.6	3988.8	3959.6	5001.5	5258.2	5316.7
37.5°	4493.5	5089.4	5506.2	5960.9	5590.6	4972.3	4309.2	5227.2	5556.1	5649.1
40°	5239.2	5974.6	6727.3	7314.6	6754.8	5923.0	4974.0	5563.0	5966.0	6050.4
42.5°	5941.9	6804.8	7841.6	8601.1	7874.3	6699.7	5690.5	6127.9	6506.8	6553.3
45°	6630.8	7619.4	9190.2	10245.9	9259.1	7438.6	6422.4	7082.1	7368.0	7369.7
47.5°	7438.6	8537.4	10881.5	12385.0	11096.7	8256.7	7109.6	8592.5	8990.4	8795.8
50°	8404.8	9450.2	12622.7	14873.7	13337.5	9262.5	7982.8	10433.7	10976.2	10755.7
52.5°	9698.2	10456.1	14541.3	17300.5	15779.7	10407.8	9248.7	12865.5	13044.7	12633.0
55°	11518.7	11907.9	17004.2	20297.2	18506.1	11818.4	11100.2	15917.5	15416.3	14236.5
57.5°	15664.3	14205.5	20166.4	23716.0	21590.7	14381.2	15157.9	19282.8	17500.2	15511.0
60°	19133.0	16995.6	23092.5	27108.9	24234.4	17205.7	18967.6	19868.4	17422.7	15369.8
62.5°	17963.5	17706.9	24148.3	27482.7	25136.9	18595.6	18259.8	18392.4	16286.0	14431.1
65°	15760.7	16334.2	23206.2	25710.4	24136.2	17350.4	16516.8	17028.3	14985.7	13117.0
67.5°	14460.4	14882.4	21530.4	22873.8	22317.5	16003.6	15161.4	14791.1	12967.2	11379.2
70°	13130.8	13480.4	19177.8	19313.8	19480.9	13764.6	12397.1	11294.8	9665.5	8554.6
72.5°	11346.5	11365.4	16203.4	15414.5	15731.4	10771.2	9979.0	8444.4	7035.6	6028.0
75°	9519.1	8999.0	12825.9	10774.7	11410.2	8379.0	8286.0	6363.9	5306.4	4479.7
77.5°	7257.8	6649.8	9369.3	7085.5	8013.8	5580.2	6229.5	4316.1	3733.9	2981.3
80°	4872.4	4493.5	5177.2	3999.2	5242.7	3845.9	4062.9	2445.7	2120.1	1644.8
82.5°	2569.7	2194.2	3200.0	2371.6	3162.1	2113.3	1524.2	756.1	644.1	520.1
85°	995.5	1152.2	1569.0	843.9	1226.3	754.4	440.9	187.7	156.7	118.8
87.5°	192.9	298.0	163.6	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)