

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: P639256

Luminaire Tested: GWS-SA5B-740-U-SLR-W

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P639256  
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-SA5B-740-U-SLR-W  
Description: GALLEON WALL SLIM LUMINAIRE. (5) LIGHTSQUARES WITH 16 LEDS EACH AND  
SPILL LIGHT ELIMINATOR RIGHT OPTICS  
Light Source: (80) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

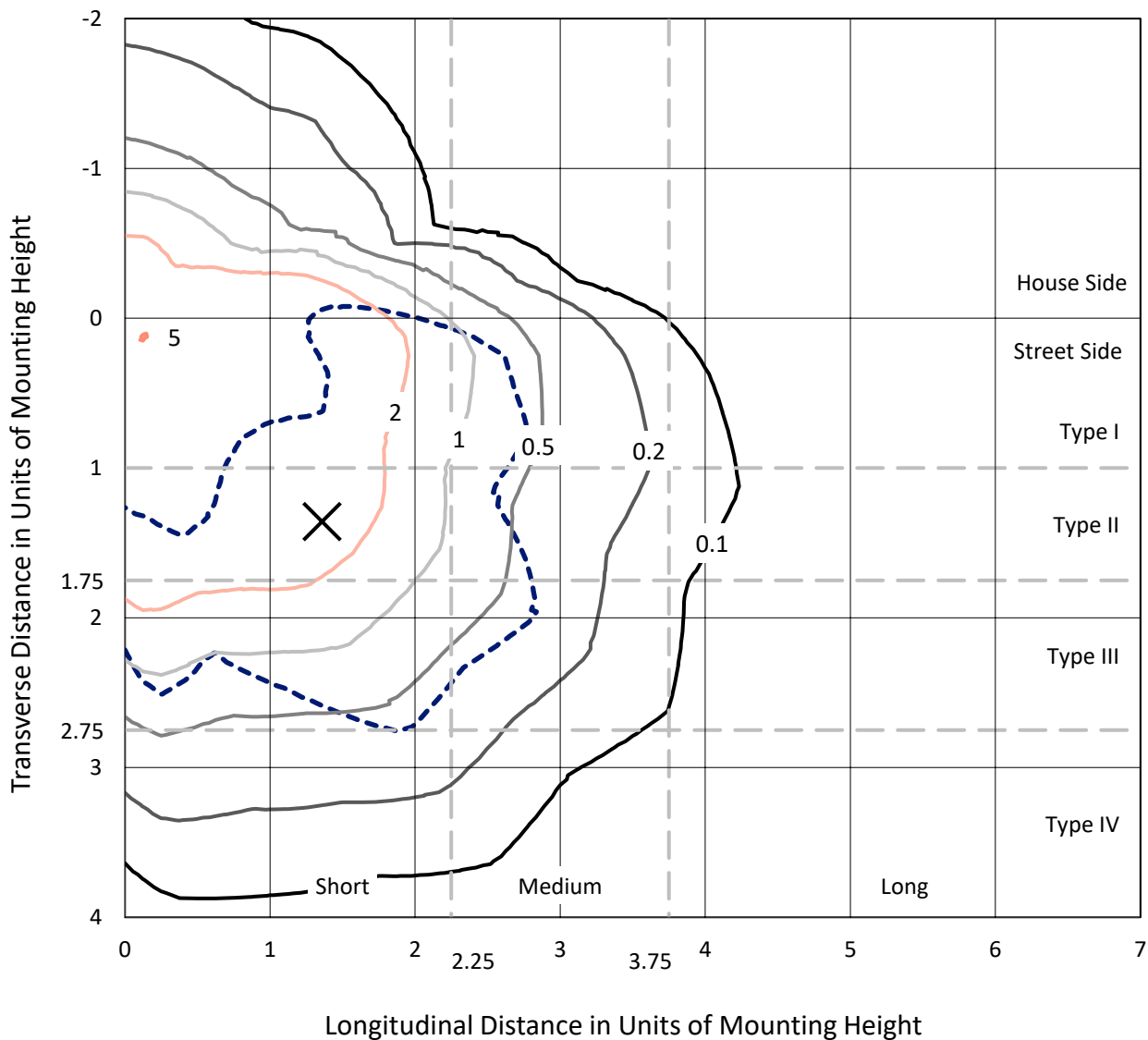
Lumens per Lamp: N/A  
Luminaire Lumens: 16812 lumens  
Efficiency: N/A  
Efficacy: 145.3 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G3  
  
Input Watts (W): 115.7  
Input Voltage (V): 120  
Input Current (Ain): 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

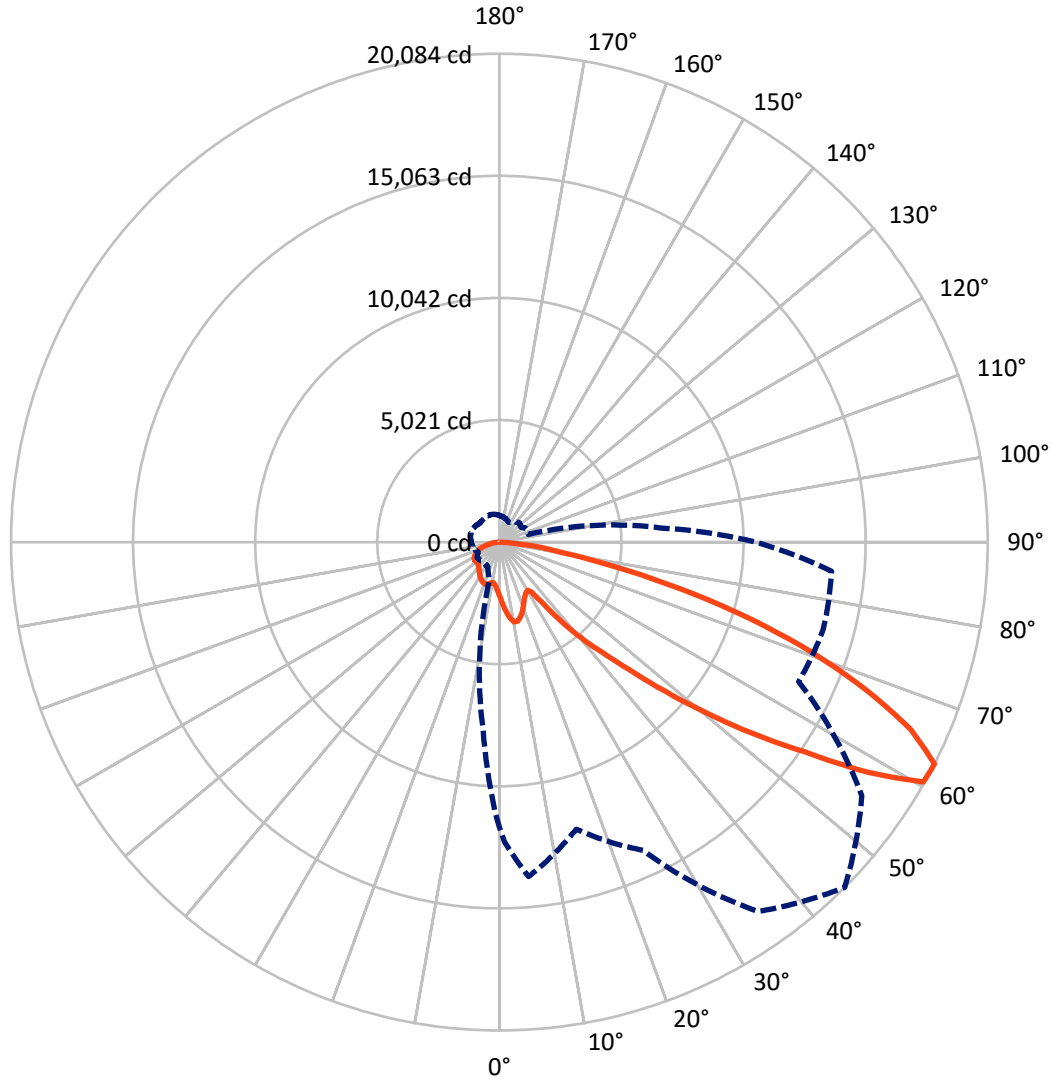
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.1 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
<b>House Side</b>	Lumens	4011.6	0.0	4011.6
	% Fixture	23.9	0.0	23.9
<b>Street Side</b>	Lumens	12800.3	0.0	12800.3
	% Fixture	76.1	0.0	76.1
<b>Total</b>	Lumens	16812.0	0.0	16812.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	217.9	1.3
10°-20°	683.1	4.1
20°-30°	1061.1	6.3
30°-40°	1440.6	8.6
40°-50°	2283.3	13.6
50°-60°	4027.7	24.0
60°-70°	4481.4	26.7
70°-80°	2272.8	13.5
80°-90°	344.1	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°	16812.0	100.0
0°-180°	16812.0	100.0

**Coefficient of Utilization**



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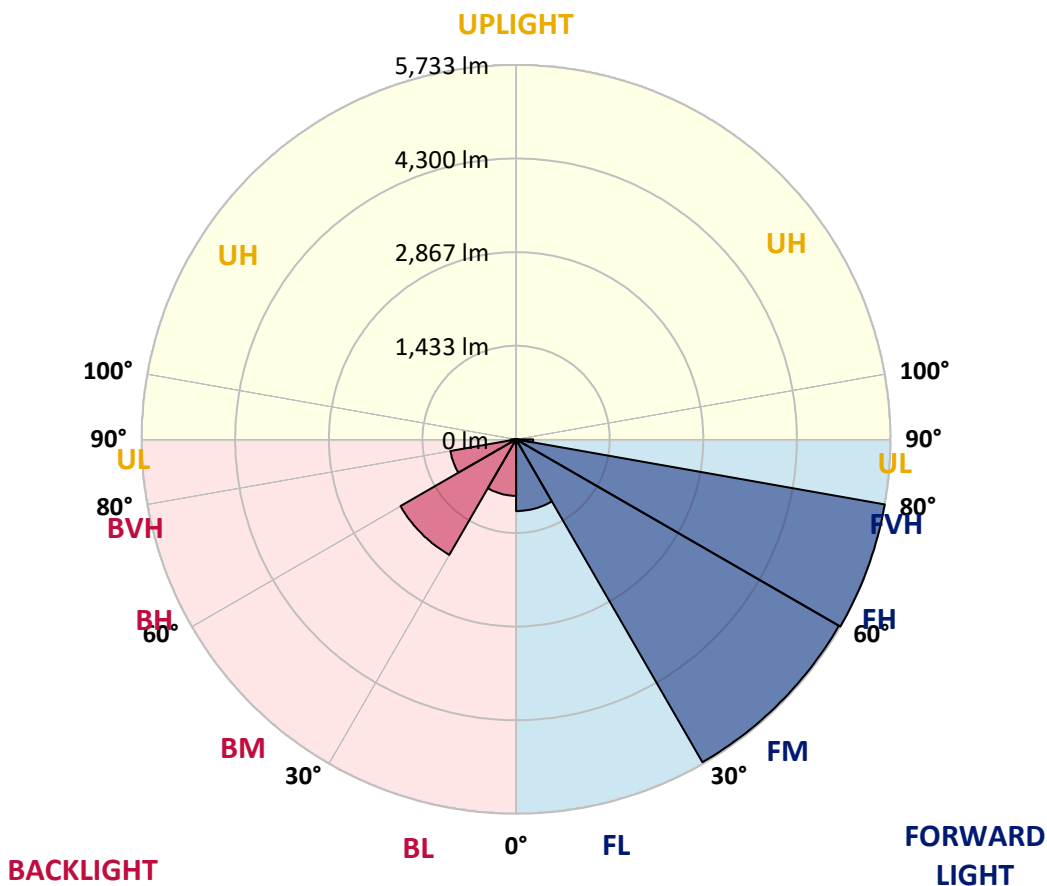
CATALOG NUMBER: GWS-SA5B-740-U-SLR-W

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1097.7	6.5			
FM (30°-60°)	5708.4	34.0			
FH (60°-80°)	5733.0	34.1			G3/7500
FVH (80°-90°)	261.2	1.6			G3/500
BL (0°-30°)	864.4	5.1	B2/1000		
BM (30°-60°)	2043.2	12.2	B2/2500		
BH (60°-80°)	1021.2	6.1	B3/2500		G3/2500
BVH (80°-90°)	82.9	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G3**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2231.3	2231.3	2231.3	2231.3	2231.3	2231.3	2231.3	2231.3	2231.3	2231.3	2231.3
2.5°	2398.0	2396.8	2420.9	2457.9	2492.2	2507.5	2533.0	2530.4	2510.0	2483.3	2474.4
5°	2586.4	2591.5	2633.5	2715.0	2805.3	2843.5	2860.1	2853.7	2816.8	2769.7	2687.0
7.5°	2757.0	2765.9	2830.8	2953.0	3065.0	3115.9	3156.7	3149.0	3095.6	3007.7	2885.5
10°	2881.7	2891.9	2969.5	3113.4	3238.1	3282.7	3334.9	3337.4	3290.3	3171.9	3047.2
12.5°	3006.5	3016.6	3089.2	3220.3	3301.8	3303.0	3333.6	3350.1	3352.7	3297.9	3173.2
15°	3136.3	3145.2	3211.4	3285.2	3281.4	3210.1	3210.1	3241.9	3311.9	3351.4	3264.8
17.5°	3247.0	3258.5	3309.4	3285.2	3171.9	3043.4	3028.1	3068.8	3191.0	3342.5	3333.6
20°	3338.7	3347.6	3375.6	3215.2	3009.0	2841.0	2811.7	2858.8	3024.3	3287.8	3385.8
22.5°	3426.5	3431.6	3416.3	3123.6	2833.4	2641.2	2605.5	2655.2	2833.4	3191.0	3430.3
25°	3530.9	3525.8	3453.2	3028.1	2673.0	2483.3	2446.4	2502.4	2688.2	3062.5	3478.7
27.5°	3651.8	3632.7	3485.0	2925.0	2549.5	2366.2	2340.8	2400.6	2573.7	2944.1	3516.9
30°	3754.9	3718.0	3490.1	2833.4	2485.9	2316.6	2301.3	2357.3	2517.7	2863.9	3565.2
32.5°	3869.4	3818.5	3519.4	2809.2	2521.5	2436.2	2456.6	2460.4	2533.0	2841.0	3637.8
35°	4033.6	3967.5	3599.6	2879.2	2888.1	3031.9	3105.7	3006.5	2763.3	2891.9	3775.3
37.5°	4281.8	4197.8	3762.5	3182.1	3645.4	3967.5	4145.7	3919.1	3463.4	3084.1	3982.7
40°	4583.5	4476.6	3971.3	3742.2	4353.1	4868.6	5185.6	4853.4	4183.8	3564.0	4274.2
42.5°	5004.8	4892.8	4376.0	4292.0	5008.6	5776.2	6189.8	5694.7	4819.0	4183.8	4741.3
45°	5739.3	5631.1	5118.1	4843.2	5776.2	6893.7	7474.1	6785.5	5464.3	4806.3	5614.5
47.5°	7096.1	6968.8	6220.4	5454.1	6651.9	8344.8	9156.8	8153.8	6135.1	5519.1	7080.8
50°	8725.3	8603.2	7604.0	6177.1	7619.2	9896.4	11025.4	9761.4	6907.7	6385.9	8833.5
52.5°	10685.5	10662.6	9578.2	7091.0	8626.1	11551.1	13098.8	11542.2	7754.2	7553.1	10819.2
55°	12452.2	12676.3	12085.7	8484.8	9926.9	13629.6	15230.9	13484.5	8902.3	9482.7	13144.7
57.5°	13404.3	14006.4	14913.9	11328.3	11818.4	16114.2	17861.8	15855.8	10875.2	12695.3	15300.9
60°	12775.5	13457.8	15102.3	13469.2	13694.5	18104.9	20033.3	17849.1	12812.4	14925.4	15178.7
62.5°	11729.3	12341.5	13804.0	12219.3	13984.7	18542.8	20084.2	18196.6	13582.5	13793.8	13711.1
65°	10488.2	11105.6	12654.6	10666.4	13061.9	17502.9	18602.6	17174.5	12198.9	12462.4	12493.0
67.5°	8839.9	9410.1	10987.2	9484.0	11906.2	15976.7	16328.0	15718.4	11234.1	11654.2	11215.0
70°	6604.8	7119.0	8511.5	7707.1	10036.4	13988.6	13704.7	13795.1	10150.9	10568.4	9368.1
72.5°	4513.5	4900.4	6094.4	6056.2	7685.4	11198.5	10802.6	11659.3	8478.4	9032.1	7141.9
75°	3156.7	3458.3	4405.3	4784.6	5809.3	8300.2	7693.1	8726.6	6621.3	7411.8	5211.0
77.5°	1937.3	2137.1	2782.4	3544.9	3737.1	5680.7	4778.3	6566.6	4649.7	5405.8	3476.1
80°	968.6	1065.4	1351.8	2228.8	2478.2	3347.6	2638.6	3812.2	3146.5	3347.6	1923.3
82.5°	292.8	323.3	395.9	846.4	1284.3	1927.1	1559.2	2214.7	1718.3	1569.4	757.3
85°	77.6	87.8	109.5	250.8	450.6	691.2	527.0	1073.0	823.5	579.1	285.1
87.5°	6.4	6.4	5.1	5.1	2.5	0.0	0.0	76.4	154.0	87.8	49.6
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°	2231.3	2231.3	2231.3	2231.3	2231.3	2231.3	2231.3	2231.3	2231.3	2231.3	2231.3
2.5°	2429.9	2424.8	2372.6	2334.4	2289.8	2246.6	2202.0	2162.6	2118.0	2073.5	2060.7
5°	2625.9	2590.2	2479.5	2386.6	2294.9	2214.7	2144.7	2072.2	2013.6	1956.4	1934.7
7.5°	2799.0	2736.6	2576.2	2435.0	2307.7	2208.4	2105.3	1999.6	1916.9	1835.4	1815.1
10°	2955.5	2872.8	2670.4	2492.2	2350.9	2237.7	2116.7	1975.5	1855.8	1756.5	1729.8
12.5°	3071.4	2981.0	2751.9	2547.0	2386.6	2259.3	2139.7	2014.9	1888.9	1760.3	1731.1
15°	3163.0	3068.8	2819.3	2589.0	2387.9	2223.7	2107.8	2064.6	2025.1	1899.1	1845.6
17.5°	3236.8	3137.6	2877.9	2614.4	2353.5	2115.5	2014.9	2078.6	2179.1	2100.2	1999.6
20°	3304.3	3203.7	2922.5	2632.2	2277.1	1966.5	1910.5	2045.5	2196.9	2194.4	2104.0
22.5°	3378.1	3280.1	2987.4	2642.4	2170.2	1815.1	1848.2	1997.1	2120.6	2157.5	2101.5
25°	3472.3	3385.8	3077.7	2665.3	2049.3	1710.7	1802.3	1934.7	2037.8	2046.7	2013.6
27.5°	3581.8	3516.9	3212.7	2718.8	1932.2	1657.2	1748.9	1846.9	1941.1	1944.9	1905.4
30°	3701.4	3658.2	3337.4	2763.3	1844.4	1640.7	1680.2	1759.1	1818.9	1829.1	1794.7
32.5°	3854.2	3816.0	3448.1	2734.1	1792.2	1636.9	1616.5	1657.2	1706.9	1706.9	1680.2
35°	4064.2	4010.7	3565.2	2622.1	1728.5	1621.6	1549.1	1560.5	1582.1	1586.0	1570.7
37.5°	4362.0	4274.2	3683.6	2400.6	1624.1	1566.9	1471.4	1457.4	1465.0	1475.2	1471.4
40°	4731.2	4587.3	3856.7	2134.6	1499.4	1461.2	1391.2	1364.5	1358.1	1378.5	1386.1
42.5°	5195.7	4975.5	4042.6	1886.4	1386.1	1340.3	1297.0	1274.1	1263.9	1298.3	1318.7
45°	5937.8	5575.1	4220.8	1640.7	1322.5	1237.2	1207.9	1191.4	1196.5	1237.2	1262.7
47.5°	7219.6	6490.2	4390.0	1485.4	1317.4	1163.4	1127.7	1131.6	1145.6	1188.8	1219.4
50°	8841.2	7716.0	4503.3	1420.5	1332.7	1118.8	1071.7	1092.1	1113.7	1155.7	1191.4
52.5°	10492.1	8857.7	4368.4	1384.9	1331.4	1120.1	1019.5	1080.6	1090.8	1132.8	1171.0
55°	11627.4	8985.0	3774.0	1330.1	1311.0	1171.0	978.8	1075.6	1081.9	1120.1	1154.5
57.5°	12060.2	8549.7	2877.9	1345.4	1249.9	1210.5	961.0	1039.9	1085.7	1118.8	1154.5
60°	11537.1	7728.7	1748.9	1384.9	1151.9	1207.9	972.5	975.0	1053.9	1109.9	1145.6
62.5°	10550.6	6674.8	1228.3	1272.8	1080.6	1140.5	999.2	898.6	997.9	1065.4	1097.2
65°	9420.3	5435.0	936.8	1095.9	1046.3	1036.1	1008.1	831.2	921.5	987.7	1015.7
67.5°	8242.9	4224.6	761.2	817.2	945.7	936.8	921.5	771.3	831.2	878.3	910.1
70°	6760.1	2955.5	642.8	613.5	810.8	840.1	805.7	696.2	715.3	763.7	789.2
72.5°	4945.0	1841.8	528.2	506.6	651.7	734.4	716.6	613.5	622.4	668.2	688.6
75°	3556.3	1053.9	423.9	417.5	497.7	628.8	593.1	528.2	538.4	572.8	586.8
77.5°	2260.6	586.8	327.1	336.0	356.4	469.7	506.6	451.9	451.9	472.2	483.7
80°	1210.5	336.0	239.3	243.1	249.5	358.9	399.7	350.0	350.0	336.0	350.0
82.5°	493.9	193.5	164.2	152.7	166.7	245.7	280.0	222.7	232.9	210.0	215.1
85°	162.9	96.7	81.5	80.2	78.9	108.2	134.9	110.7	132.4	84.0	87.8
87.5°	21.6	17.8	10.2	7.6	8.9	3.8	7.6	8.9	8.9	6.4	6.4
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	2231.3	2231.3	2231.3	2231.3	2231.3	2231.3	2231.3	2231.3	2231.3	2231.3	2231.3
2.5°	2051.8	2041.6	2004.7	2013.6	2007.3	1997.1	2007.3	1988.2	2003.5	2008.5	2040.4
5°	1918.2	1894.0	1858.4	1840.5	1836.7	1826.5	1827.8	1818.9	1821.4	1843.1	1878.7
7.5°	1798.5	1775.6	1747.6	1734.9	1723.4	1712.0	1710.7	1709.4	1719.6	1738.7	1773.1
10°	1712.0	1699.2	1687.8	1692.9	1687.8	1682.7	1673.8	1673.8	1690.3	1724.7	1766.7
12.5°	1712.0	1709.4	1712.0	1727.2	1726.0	1727.2	1715.8	1722.2	1768.0	1826.5	1886.4
15°	1803.6	1783.3	1783.3	1790.9	1788.3	1788.3	1788.3	1815.1	1919.4	2009.8	2073.5
17.5°	1915.6	1855.8	1830.3	1826.5	1825.3	1825.3	1830.3	1887.6	2050.6	2146.0	2182.9
20°	1993.3	1880.0	1838.0	1821.4	1822.7	1825.3	1840.5	1919.4	2098.9	2147.3	2138.4
22.5°	2007.3	1860.9	1810.0	1785.8	1789.6	1792.2	1815.1	1899.1	2032.7	2040.4	2022.5
25°	1942.4	1807.4	1752.7	1733.6	1738.7	1737.4	1757.8	1818.9	1914.4	1911.8	1901.6
27.5°	1845.6	1722.2	1681.4	1668.7	1677.6	1667.4	1673.8	1720.9	1794.7	1792.2	1788.3
30°	1746.3	1639.4	1602.5	1596.1	1607.6	1592.3	1593.6	1633.1	1684.0	1681.4	1680.2
32.5°	1647.1	1556.7	1523.6	1523.6	1535.0	1518.5	1521.0	1555.4	1589.8	1579.6	1579.6
35°	1552.9	1489.2	1462.5	1457.4	1466.3	1454.9	1460.0	1491.8	1504.5	1490.5	1481.6
37.5°	1470.1	1442.1	1415.4	1397.6	1398.9	1400.1	1415.4	1439.6	1431.9	1411.6	1400.1
40°	1393.8	1393.8	1368.3	1335.2	1331.4	1340.3	1365.8	1392.5	1370.9	1347.9	1333.9
42.5°	1339.0	1350.5	1326.3	1293.2	1285.6	1300.8	1328.8	1347.9	1322.5	1297.0	1277.9
45°	1288.1	1316.1	1299.6	1262.7	1252.5	1270.3	1305.9	1313.6	1279.2	1255.0	1241.0
47.5°	1252.5	1290.7	1279.2	1243.6	1228.3	1253.8	1290.7	1289.4	1246.1	1220.7	1209.2
50°	1227.0	1275.4	1274.1	1243.6	1227.0	1258.8	1291.9	1275.4	1228.3	1201.6	1190.1
52.5°	1206.7	1274.1	1283.0	1265.2	1253.8	1281.8	1302.1	1270.3	1215.6	1187.6	1178.7
55°	1197.7	1279.2	1285.6	1269.0	1258.8	1284.3	1302.1	1280.5	1215.6	1190.1	1182.5
57.5°	1200.3	1272.8	1274.1	1251.2	1233.4	1265.2	1293.2	1286.8	1229.6	1200.3	1191.4
60°	1185.0	1238.5	1241.0	1205.4	1185.0	1223.2	1272.8	1269.0	1223.2	1192.7	1176.1
62.5°	1134.1	1181.2	1182.5	1149.4	1120.1	1174.8	1229.6	1228.3	1186.3	1155.7	1136.6
65°	1048.8	1098.5	1111.2	1079.4	1056.5	1115.0	1172.3	1169.7	1127.7	1099.7	1080.6
67.5°	943.2	996.6	1020.8	999.2	990.3	1043.7	1097.2	1095.9	1061.6	1034.8	1018.3
70°	814.6	859.2	899.9	899.9	893.5	954.6	1011.9	1006.8	975.0	954.6	941.9
72.5°	707.7	742.1	754.8	767.5	786.6	850.3	898.6	902.4	879.5	869.4	879.5
75°	602.1	623.7	635.1	625.0	658.1	724.2	787.9	794.3	770.1	753.5	757.3
77.5°	495.1	519.3	530.8	507.9	505.3	589.3	667.0	681.0	660.6	635.1	642.8
80°	357.7	389.5	408.6	393.3	388.2	425.1	532.0	547.3	528.2	507.9	519.3
82.5°	218.9	236.7	241.8	257.1	288.9	304.2	342.4	393.3	379.3	361.5	393.3
85°	86.6	103.1	114.6	129.8	151.5	179.5	211.3	252.0	229.1	221.5	260.9
87.5°	5.1	1.3	0.0	2.5	21.6	42.0	90.4	124.7	104.4	112.0	134.9
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°	2231.3	2231.3	2231.3	2231.3	2231.3	2231.3	2231.3	2231.3	2231.3	2231.3
2.5°	2065.8	2098.9	2143.5	2180.4	2227.5	2272.0	2317.8	2363.7	2387.9	2398.0
5°	1919.4	1980.5	2051.8	2130.7	2222.4	2319.1	2417.1	2517.7	2581.3	2586.4
7.5°	1831.6	1919.4	2017.5	2116.7	2230.0	2363.7	2519.0	2674.2	2739.2	2757.0
10°	1859.6	1957.6	2035.3	2128.2	2252.9	2419.7	2603.0	2785.0	2860.1	2881.7
12.5°	1971.6	1990.7	2014.9	2100.2	2252.9	2468.0	2689.5	2905.9	2986.1	3006.5
15°	2064.6	1972.9	1929.6	2020.0	2222.4	2510.0	2781.2	3020.5	3117.2	3136.3
17.5°	2072.2	1914.4	1820.2	1901.6	2168.9	2539.3	2869.0	3147.7	3229.2	3247.0
20°	1994.5	1852.0	1729.8	1779.4	2096.4	2552.1	2932.6	3240.7	3320.9	3338.7
22.5°	1906.7	1801.1	1668.7	1666.2	2008.5	2566.1	3009.0	3328.5	3415.0	3426.5
25°	1824.0	1731.1	1619.1	1583.4	1906.7	2592.8	3112.1	3460.9	3527.1	3530.9
27.5°	1727.2	1656.0	1579.6	1545.2	1817.6	2643.7	3264.8	3618.7	3658.2	3651.8
30°	1639.4	1586.0	1551.6	1541.4	1761.6	2681.9	3409.9	3774.0	3776.5	3754.9
32.5°	1546.5	1526.1	1526.1	1559.2	1715.8	2673.0	3528.3	3925.5	3901.3	3869.4
35°	1463.8	1467.6	1494.3	1572.0	1639.4	2583.9	3641.6	4115.1	4079.5	4033.6
37.5°	1384.9	1414.1	1452.3	1527.4	1538.9	2451.5	3774.0	4383.7	4339.1	4281.8
40°	1317.4	1361.9	1406.5	1443.4	1431.9	2263.1	3958.5	4699.3	4649.7	4583.5
42.5°	1263.9	1307.2	1356.9	1360.7	1364.5	2067.1	4154.6	5086.3	5077.4	5004.8
45°	1229.6	1257.6	1304.7	1298.3	1360.7	1850.7	4335.3	5676.9	5794.0	5739.3
47.5°	1206.7	1228.3	1233.4	1260.1	1393.8	1657.2	4568.2	6832.6	7158.5	7096.1
50°	1193.9	1215.6	1158.3	1262.7	1398.9	1532.5	4890.3	8283.7	8808.1	8725.3
52.5°	1192.7	1187.6	1101.0	1289.4	1370.9	1456.1	5058.3	9342.7	10506.1	10685.5
55°	1195.2	1131.6	1071.7	1297.0	1314.8	1428.1	4495.7	9851.8	12072.9	12452.2
57.5°	1172.3	1070.5	1088.3	1266.5	1209.2	1503.2	3323.4	9669.8	12699.2	13404.3
60°	1129.0	1011.9	1118.8	1183.7	1101.0	1374.7	2288.6	8857.7	12050.0	12775.5
62.5°	1066.6	971.2	1115.0	1076.8	1061.6	1125.2	1573.2	7721.1	11020.3	11729.3
65°	996.6	938.1	1055.2	973.7	982.6	865.5	1112.5	6438.0	9790.7	10488.2
67.5°	921.5	917.7	967.4	866.8	829.9	686.1	810.8	5160.1	8211.1	8839.9
70°	836.3	864.3	879.5	770.1	673.3	538.4	602.1	3608.5	6057.5	6604.8
72.5°	751.0	753.5	775.2	669.5	504.0	431.5	451.9	2185.5	4115.1	4513.5
75°	664.4	640.2	660.6	544.8	375.5	353.9	348.8	1350.5	2842.3	3156.7
77.5°	571.5	544.8	518.0	409.9	301.7	273.7	267.3	757.3	1743.8	1937.3
80°	464.6	428.9	386.9	300.4	220.2	196.0	194.7	369.1	869.4	968.6
82.5°	361.5	294.0	282.6	187.1	136.2	119.6	127.3	141.3	262.2	292.8
85°	253.3	213.8	150.2	75.1	61.1	49.6	48.4	42.0	70.0	77.6
87.5°	141.3	92.9	48.4	8.9	10.2	11.5	8.9	6.4	6.4	6.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)