

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: P639311

Luminaire Tested: GWS-SA5B-750-U-SLR-W

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P639311  
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-750-U-SLR-W  
Description: GALLEON WALL SLIM LUMINAIRE. (5) LIGHTSQUARES WITH 16 LEDS EACH AND  
SPILL LIGHT ELIMINATOR RIGHT OPTICS  
Light Source: (80) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

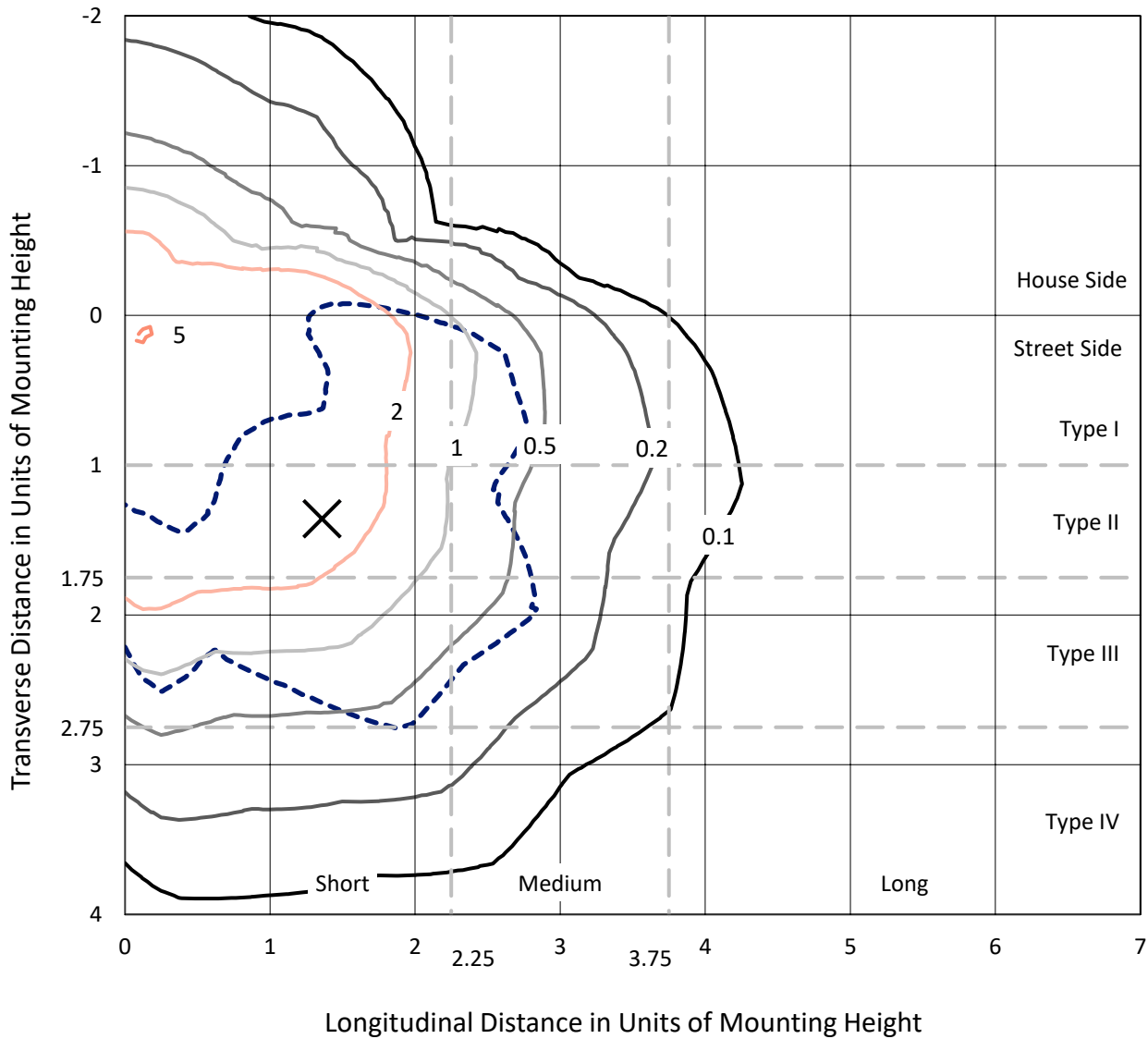
Lumens per Lamp: N/A  
Luminaire Lumens: 17197.2 lumens  
Efficiency: N/A  
Efficacy: 148.6 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G3  
  
Input Watts (W): 115.7  
Input Voltage (V): 120  
Input Current (Ain): 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

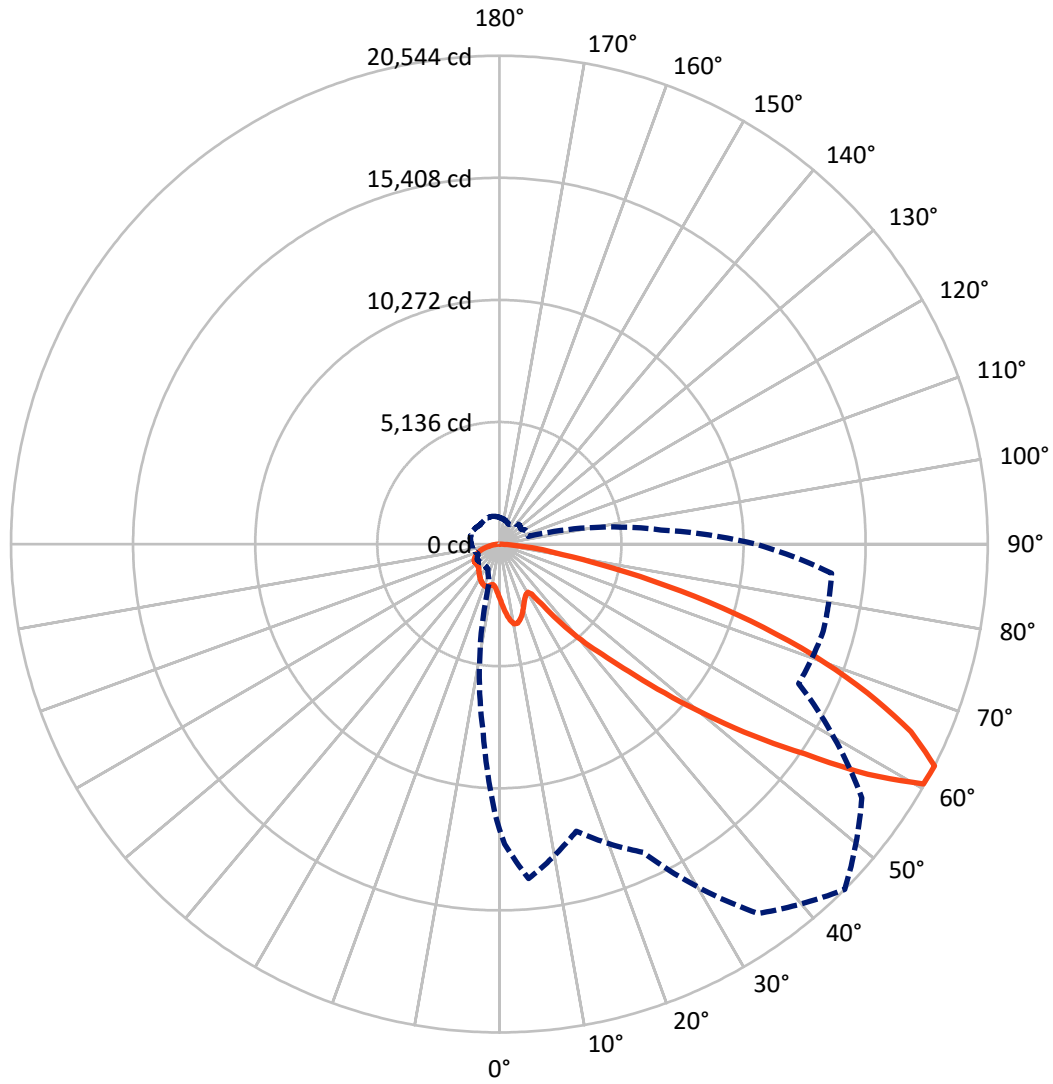
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.2 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	4103.6	0.0	4103.6
	% Fixture	23.9	0.0	23.9
<b>Street Side</b>	Lumens	13093.6	0.0	13093.6
	% Fixture	76.1	0.0	76.1
<b>Total</b>	Lumens	17197.2	0.0	17197.2
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	222.9	1.3
10°-20°	698.8	4.1
20°-30°	1085.4	6.3
30°-40°	1473.6	8.6
40°-50°	2335.6	13.6
50°-60°	4120.0	24.0
60°-70°	4584.1	26.7
70°-80°	2324.9	13.5
80°-90°	352.0	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°	17197.2	100.0
0°-180°	17197.2	100.0

**Coefficient of Utilization**



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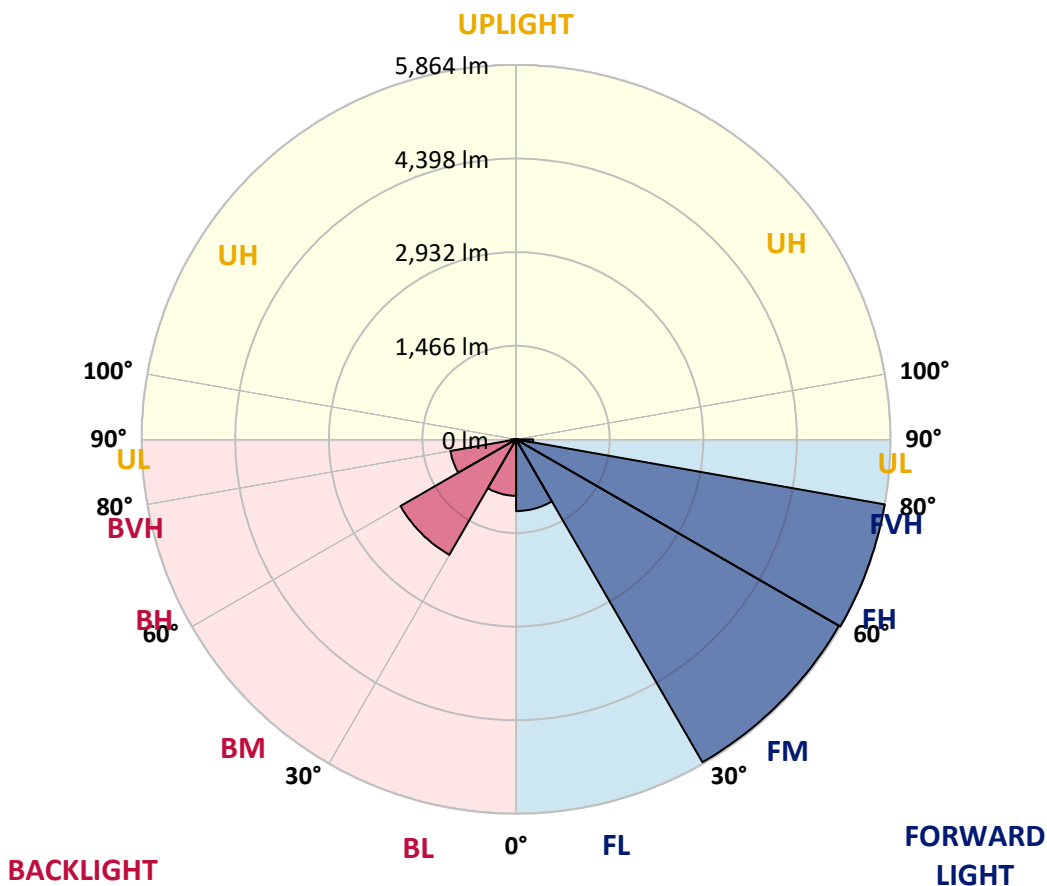
CATALOG NUMBER: GWS-SA5B-750-U-SLR-W

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1122.8	6.5			
FM (30°-60°)	5839.2	34.0			
FH (60°-80°)	5864.4	34.1			G3/7500
FVH (80°-90°)	267.2	1.6			G3/500
BL (0°-30°)	884.2	5.1	B2/1000		
BM (30°-60°)	2090.0	12.2	B2/2500		
BH (60°-80°)	1044.6	6.1	B3/2500		G3/2500
BVH (80°-90°)	84.8	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°	2282.4	2282.4	2282.4	2282.4	2282.4	2282.4	2282.4	2282.4	2282.4	2282.4	2282.4
2.5°	2453.0	2451.7	2476.4	2514.2	2549.3	2565.0	2591.0	2588.4	2567.6	2540.2	2531.1
5°	2645.7	2650.9	2693.9	2777.2	2869.6	2908.7	2925.6	2919.1	2881.3	2833.2	2748.5
7.5°	2820.1	2829.3	2895.7	3020.7	3135.2	3187.3	3229.0	3221.2	3166.5	3076.6	2951.7
10°	2947.7	2958.2	3037.6	3184.7	3312.3	3357.9	3411.3	3413.9	3365.7	3244.6	3117.0
12.5°	3075.3	3085.8	3160.0	3294.1	3377.4	3378.7	3410.0	3426.9	3429.5	3373.5	3245.9
15°	3208.1	3217.3	3285.0	3360.5	3356.6	3283.7	3283.7	3316.2	3387.8	3428.2	3339.6
17.5°	3321.4	3333.1	3385.2	3360.5	3244.6	3113.1	3097.5	3139.1	3264.1	3419.1	3410.0
20°	3415.2	3424.3	3452.9	3288.9	3077.9	2906.1	2876.1	2924.3	3093.6	3363.1	3463.3
22.5°	3505.0	3510.2	3494.6	3195.1	2898.3	2701.7	2665.2	2716.0	2898.3	3264.1	3508.9
25°	3611.8	3606.6	3532.3	3097.5	2734.2	2540.2	2502.5	2559.7	2749.8	3132.6	3558.4
27.5°	3735.5	3715.9	3564.9	2992.0	2607.9	2420.4	2394.4	2455.6	2632.7	3011.5	3597.4
30°	3840.9	3803.2	3570.1	2898.3	2542.8	2369.7	2354.0	2411.3	2575.4	2929.5	3646.9
32.5°	3958.1	3906.0	3600.1	2873.5	2579.3	2492.0	2512.9	2516.8	2591.0	2906.1	3721.1
35°	4126.1	4058.4	3682.1	2945.1	2954.3	3101.4	3176.9	3075.3	2826.7	2958.2	3861.8
37.5°	4380.0	4294.0	3848.7	3255.0	3729.0	4058.4	4240.6	4008.9	3542.8	3154.8	4074.0
40°	4688.5	4579.2	4062.3	3827.9	4452.9	4980.2	5304.4	4964.6	4279.7	3645.6	4372.1
42.5°	5119.5	5004.9	4476.3	4390.4	5123.4	5908.5	6331.7	5825.2	4929.4	4279.7	4850.0
45°	5870.8	5760.1	5235.4	4954.1	5908.5	7051.7	7645.4	6941.0	5589.5	4916.4	5743.2
47.5°	7258.7	7128.5	6362.9	5579.1	6804.3	8536.0	9366.6	8340.7	6275.7	5645.5	7243.1
50°	8925.3	8800.3	7778.2	6318.6	7793.8	10123.1	11278.0	9985.1	7066.0	6532.2	9035.9
52.5°	10930.4	10906.9	9797.6	7253.5	8823.7	11815.7	13399.0	11806.6	7931.8	7726.1	11067.1
55°	12737.5	12966.7	12362.6	8679.2	10154.4	13941.9	15579.8	13793.5	9106.2	9700.0	13445.8
57.5°	13711.4	14327.3	15255.6	11587.9	12089.1	16483.4	18271.1	16219.1	11124.4	12986.2	15651.4
60°	13068.3	13766.1	15448.3	13777.8	14008.3	18519.8	20492.3	18258.1	13106.0	15267.3	15526.4
62.5°	11998.0	12624.3	14120.3	12499.3	14305.2	18967.6	20544.4	18613.5	13893.7	14109.9	14025.2
65°	10728.5	11360.0	12944.6	10910.8	13361.2	17903.9	19028.8	17568.0	12478.4	12748.0	12779.2
67.5°	9042.4	9625.7	11238.9	9701.3	12179.0	16342.8	16702.2	16078.5	11491.5	11921.2	11472.0
70°	6756.1	7282.1	8706.5	7883.7	10266.3	14309.1	14018.7	14111.2	10383.5	10810.6	9582.8
72.5°	4616.9	5012.7	6234.0	6195.0	7861.5	11455.1	11050.1	11926.4	8672.7	9239.0	7305.6
75°	3229.0	3537.6	4506.2	4894.2	5942.4	8490.4	7869.3	8926.6	6773.0	7581.6	5330.4
77.5°	1981.7	2186.1	2846.2	3626.1	3822.7	5810.9	4887.7	6717.1	4756.2	5529.6	3555.8
80°	990.8	1089.8	1382.7	2279.8	2535.0	3424.3	2699.1	3899.5	3218.6	3424.3	1967.3
82.5°	299.5	330.7	404.9	865.8	1313.7	1971.2	1595.0	2265.5	1757.7	1605.4	774.7
85°	79.4	89.8	112.0	256.5	460.9	707.0	539.0	1097.6	842.4	592.4	291.6
87.5°	6.5	6.5	5.2	5.2	2.6	0.0	0.0	78.1	157.5	89.8	50.8
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2282.4	2282.4	2282.4	2282.4	2282.4	2282.4	2282.4	2282.4	2282.4	2282.4	2282.4
2.5°	2485.5	2480.3	2426.9	2387.9	2342.3	2298.0	2252.5	2212.1	2166.5	2121.0	2108.0
5°	2686.0	2649.6	2536.3	2441.3	2347.5	2265.5	2193.9	2119.7	2059.8	2001.2	1979.1
7.5°	2863.1	2799.3	2635.3	2490.7	2360.5	2259.0	2153.5	2045.5	1960.8	1877.5	1856.7
10°	3023.3	2938.6	2731.6	2549.3	2404.8	2288.9	2165.2	2020.7	1898.3	1796.8	1769.4
12.5°	3141.7	3049.3	2814.9	2605.3	2441.3	2311.1	2188.7	2061.1	1932.2	1800.7	1770.7
15°	3235.5	3139.1	2883.9	2648.3	2442.6	2274.6	2156.1	2111.9	2071.5	1942.6	1887.9
17.5°	3311.0	3209.4	2943.8	2674.3	2407.4	2163.9	2061.1	2126.2	2229.0	2148.3	2045.5
20°	3380.0	3277.2	2989.4	2692.6	2329.3	2011.6	1954.3	2092.3	2247.3	2244.7	2152.2
22.5°	3455.5	3355.3	3055.8	2703.0	2219.9	1856.7	1890.5	2042.9	2169.1	2206.9	2149.6
25°	3551.9	3463.3	3148.3	2726.4	2096.2	1749.9	1843.6	1979.1	2084.5	2093.6	2059.8
27.5°	3663.8	3597.4	3286.3	2781.1	1976.4	1695.2	1789.0	1889.2	1985.6	1989.5	1949.1
30°	3786.2	3742.0	3413.9	2826.7	1886.6	1678.3	1718.7	1799.4	1860.6	1871.0	1835.8
32.5°	3942.5	3903.4	3527.1	2796.7	1833.2	1674.4	1653.5	1695.2	1746.0	1746.0	1718.7
35°	4157.3	4102.6	3646.9	2682.1	1768.1	1658.8	1584.5	1596.3	1618.4	1622.3	1606.7
37.5°	4462.0	4372.1	3768.0	2455.6	1661.4	1602.8	1505.1	1490.8	1498.6	1509.0	1505.1
40°	4839.6	4692.4	3945.1	2183.5	1533.8	1494.7	1423.1	1395.8	1389.2	1410.1	1417.9
42.5°	5314.8	5089.5	4135.2	1929.6	1417.9	1371.0	1326.7	1303.3	1292.9	1328.0	1348.9
45°	6073.9	5702.8	4317.5	1678.3	1352.8	1265.6	1235.6	1218.7	1223.9	1265.6	1291.6
47.5°	7385.0	6638.9	4490.6	1519.4	1347.6	1190.0	1153.6	1157.5	1171.8	1216.1	1247.3
50°	9043.7	7892.8	4606.5	1453.0	1363.2	1144.5	1096.3	1117.1	1139.3	1182.2	1218.7
52.5°	10732.5	9060.7	4468.5	1416.6	1361.9	1145.8	1042.9	1105.4	1115.8	1158.8	1197.8
55°	11893.8	9190.9	3860.5	1360.6	1341.1	1197.8	1001.2	1100.2	1106.7	1145.8	1180.9
57.5°	12336.5	8745.6	2943.8	1376.2	1278.6	1238.2	983.0	1063.7	1110.6	1144.5	1180.9
60°	11801.4	7905.8	1789.0	1416.6	1178.3	1235.6	994.7	997.3	1078.1	1135.4	1171.8
62.5°	10792.3	6827.7	1256.4	1302.0	1105.4	1166.6	1022.1	919.2	1020.8	1089.8	1122.3
65°	9636.2	5559.6	958.3	1121.0	1070.3	1059.8	1031.2	850.2	942.7	1010.4	1039.0
67.5°	8431.8	4321.4	778.6	835.9	967.4	958.3	942.7	789.0	850.2	898.4	930.9
70°	6915.0	3023.3	657.5	627.6	829.4	859.3	824.2	712.2	731.7	781.2	807.2
72.5°	5058.3	1884.0	540.3	518.2	666.6	751.3	733.0	627.6	636.7	683.6	704.4
75°	3637.8	1078.1	433.6	427.1	509.1	643.2	606.7	540.3	550.7	585.9	600.2
77.5°	2312.4	600.2	334.6	343.7	364.6	480.4	518.2	462.2	462.2	483.0	494.8
80°	1238.2	343.7	244.8	248.7	255.2	367.2	408.8	358.1	358.1	343.7	358.1
82.5°	505.2	197.9	168.0	156.2	170.6	251.3	286.4	227.9	238.3	214.8	220.0
85°	166.7	99.0	83.3	82.0	80.7	110.7	138.0	113.3	135.4	85.9	89.8
87.5°	22.1	18.2	10.4	7.8	9.1	3.9	7.8	9.1	9.1	6.5	6.5
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°	2282.4	2282.4	2282.4	2282.4	2282.4	2282.4	2282.4	2282.4	2282.4	2282.4	2282.4
2.5°	2098.8	2088.4	2050.7	2059.8	2053.3	2042.9	2053.3	2033.7	2049.4	2054.6	2087.1
5°	1962.1	1937.4	1900.9	1882.7	1878.8	1868.4	1869.7	1860.6	1863.2	1885.3	1921.8
7.5°	1839.7	1816.3	1787.7	1774.6	1762.9	1751.2	1749.9	1748.6	1759.0	1778.5	1813.7
10°	1751.2	1738.2	1726.5	1731.7	1726.5	1721.3	1712.1	1712.1	1729.1	1764.2	1807.2
12.5°	1751.2	1748.6	1751.2	1766.8	1765.5	1766.8	1755.1	1761.6	1808.5	1868.4	1929.6
15°	1844.9	1824.1	1824.1	1831.9	1829.3	1829.3	1829.3	1856.7	1963.4	2055.9	2121.0
17.5°	1959.5	1898.3	1872.3	1868.4	1867.1	1867.1	1872.3	1930.9	2097.5	2195.2	2232.9
20°	2038.9	1923.1	1880.1	1863.2	1864.5	1867.1	1882.7	1963.4	2147.0	2196.5	2187.4
22.5°	2053.3	1903.5	1851.5	1826.7	1830.6	1833.2	1856.7	1942.6	2079.3	2087.1	2068.9
25°	1986.9	1848.9	1792.9	1773.3	1778.5	1777.2	1798.1	1860.6	1958.2	1955.6	1945.2
27.5°	1887.9	1761.6	1720.0	1706.9	1716.0	1705.6	1712.1	1760.3	1835.8	1833.2	1829.3
30°	1786.4	1677.0	1639.2	1632.7	1644.4	1628.8	1630.1	1670.5	1722.6	1720.0	1718.7
32.5°	1684.8	1592.4	1558.5	1558.5	1570.2	1553.3	1555.9	1591.1	1626.2	1615.8	1615.8
35°	1588.4	1523.3	1496.0	1490.8	1499.9	1488.2	1493.4	1526.0	1539.0	1524.7	1515.5
37.5°	1503.8	1475.2	1447.8	1429.6	1430.9	1432.2	1447.8	1472.6	1464.8	1443.9	1432.2
40°	1425.7	1425.7	1399.7	1365.8	1361.9	1371.0	1397.1	1424.4	1402.3	1378.8	1364.5
42.5°	1369.7	1381.4	1356.7	1322.8	1315.0	1330.7	1359.3	1378.8	1352.8	1326.7	1307.2
45°	1317.6	1346.3	1329.3	1291.6	1281.2	1299.4	1335.9	1343.7	1308.5	1283.8	1269.5
47.5°	1281.2	1320.2	1308.5	1272.1	1256.4	1282.5	1320.2	1318.9	1274.7	1248.6	1236.9
50°	1255.1	1304.6	1303.3	1272.1	1255.1	1287.7	1321.5	1304.6	1256.4	1229.1	1217.4
52.5°	1234.3	1303.3	1312.4	1294.2	1282.5	1311.1	1332.0	1299.4	1243.4	1214.8	1205.7
55°	1225.2	1308.5	1315.0	1298.1	1287.7	1313.7	1332.0	1309.8	1243.4	1217.4	1209.6
57.5°	1227.8	1302.0	1303.3	1279.9	1261.6	1294.2	1322.8	1316.3	1257.7	1227.8	1218.7
60°	1212.2	1266.9	1269.5	1233.0	1212.2	1251.2	1302.0	1298.1	1251.2	1220.0	1203.1
62.5°	1160.1	1208.3	1209.6	1175.7	1145.8	1201.8	1257.7	1256.4	1213.5	1182.2	1162.7
65°	1072.9	1123.6	1136.7	1104.1	1080.7	1140.6	1199.1	1196.5	1153.6	1124.9	1105.4
67.5°	964.8	1019.5	1044.2	1022.1	1013.0	1067.6	1122.3	1121.0	1085.9	1058.5	1041.6
70°	833.3	878.9	920.5	920.5	914.0	976.5	1035.1	1029.9	997.3	976.5	963.5
72.5°	723.9	759.1	772.1	785.1	804.6	869.7	919.2	923.1	899.7	889.3	899.7
75°	615.8	638.0	649.7	639.3	673.1	740.8	805.9	812.5	787.7	770.8	774.7
77.5°	506.5	531.2	542.9	519.5	516.9	602.8	682.3	696.6	675.7	649.7	657.5
80°	365.9	398.4	417.9	402.3	397.1	434.9	544.2	559.9	540.3	519.5	531.2
82.5°	223.9	242.2	247.4	263.0	295.6	311.2	350.2	402.3	388.0	369.8	402.3
85°	88.5	105.5	117.2	132.8	154.9	183.6	216.1	257.8	234.4	226.5	266.9
87.5°	5.2	1.3	0.0	2.6	22.1	43.0	92.4	127.6	106.8	114.6	138.0
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):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2282.4	2282.4	2282.4	2282.4	2282.4	2282.4	2282.4	2282.4	2282.4	2282.4
2.5°	2113.2	2147.0	2192.6	2230.3	2278.5	2324.1	2371.0	2417.8	2442.6	2453.0
5°	1963.4	2025.9	2098.8	2179.6	2273.3	2372.3	2472.5	2575.4	2640.5	2645.7
7.5°	1873.6	1963.4	2063.7	2165.2	2281.1	2417.8	2576.7	2735.5	2801.9	2820.1
10°	1902.2	2002.5	2081.9	2177.0	2304.6	2475.1	2662.6	2848.8	2925.6	2947.7
12.5°	2016.8	2036.3	2061.1	2148.3	2304.6	2524.6	2751.1	2972.5	3054.5	3075.3
15°	2111.9	2018.1	1973.8	2066.3	2273.3	2567.6	2844.9	3089.7	3188.6	3208.1
17.5°	2119.7	1958.2	1861.9	1945.2	2218.6	2597.5	2934.7	3219.9	3303.2	3321.4
20°	2040.2	1894.4	1769.4	1820.2	2144.4	2610.5	2999.8	3314.9	3396.9	3415.2
22.5°	1950.4	1842.3	1706.9	1704.3	2054.6	2624.8	3077.9	3404.8	3493.3	3505.0
25°	1865.8	1770.7	1656.2	1619.7	1950.4	2652.2	3183.4	3540.2	3607.9	3611.8
27.5°	1766.8	1693.9	1615.8	1580.6	1859.3	2704.3	3339.6	3701.6	3742.0	3735.5
30°	1677.0	1622.3	1587.1	1576.7	1802.0	2743.3	3488.1	3860.5	3863.1	3840.9
32.5°	1581.9	1561.1	1561.1	1595.0	1755.1	2734.2	3609.2	4015.4	3990.7	3958.1
35°	1497.3	1501.2	1528.6	1608.0	1677.0	2643.1	3725.0	4209.4	4172.9	4126.1
37.5°	1416.6	1446.5	1485.6	1562.4	1574.1	2507.7	3860.5	4484.1	4438.5	4380.0
40°	1347.6	1393.1	1438.7	1476.5	1464.8	2315.0	4049.2	4807.0	4756.2	4688.5
42.5°	1292.9	1337.2	1387.9	1391.8	1395.8	2114.5	4249.8	5202.8	5193.7	5119.5
45°	1257.7	1286.4	1334.6	1328.0	1391.8	1893.1	4434.6	5807.0	5926.7	5870.8
47.5°	1234.3	1256.4	1261.6	1289.0	1425.7	1695.2	4672.9	6989.2	7322.5	7258.7
50°	1221.3	1243.4	1184.8	1291.6	1430.9	1567.6	5002.3	8473.5	9009.9	8925.3
52.5°	1220.0	1214.8	1126.2	1318.9	1402.3	1489.5	5174.2	9556.7	10746.8	10930.4
55°	1222.6	1157.5	1096.3	1326.7	1345.0	1460.9	4598.7	10077.5	12349.5	12737.5
57.5°	1199.1	1095.0	1113.2	1295.5	1236.9	1537.7	3399.5	9891.4	12990.1	13711.4
60°	1154.9	1035.1	1144.5	1210.9	1126.2	1406.2	2341.0	9060.7	12326.1	13068.3
62.5°	1091.1	993.4	1140.6	1101.5	1085.9	1151.0	1609.3	7898.0	11272.8	11998.0
65°	1019.5	959.6	1079.4	996.0	1005.1	885.4	1138.0	6585.6	10015.0	10728.5
67.5°	942.7	938.7	989.5	886.7	848.9	701.8	829.4	5278.3	8399.3	9042.4
70°	855.4	884.1	899.7	787.7	688.8	550.7	615.8	3691.2	6196.3	6756.1
72.5°	768.2	770.8	792.9	684.9	515.6	441.4	462.2	2235.5	4209.4	4616.9
75°	679.6	654.9	675.7	557.3	384.1	362.0	356.8	1381.4	2907.4	3229.0
77.5°	584.6	557.3	529.9	419.2	308.6	279.9	273.4	774.7	1783.8	1981.7
80°	475.2	438.8	395.8	307.3	225.2	200.5	199.2	377.6	889.3	990.8
82.5°	369.8	300.8	289.0	191.4	139.3	122.4	130.2	144.5	268.2	299.5
85°	259.1	218.7	153.6	76.8	62.5	50.8	49.5	43.0	71.6	79.4
87.5°	144.5	95.0	49.5	9.1	10.4	11.7	9.1	6.5	6.5	6.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)