

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: P641782

Luminaire Tested: GWS-SA6B-750-U-SLL-W

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P641782  
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-SA6B-750-U-SLL-W  
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS  
Light Source: (96) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

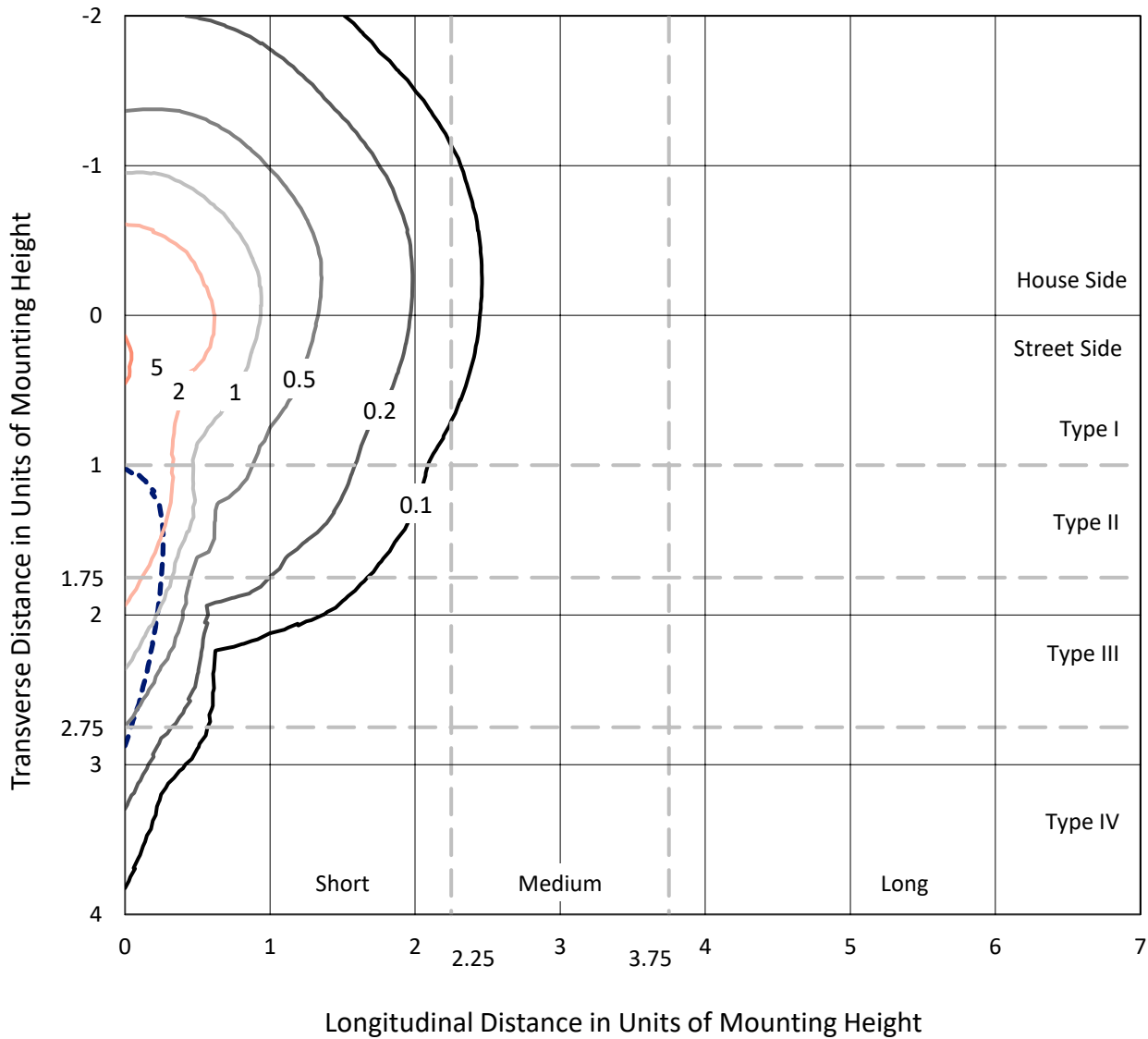
Lumens per Lamp: N/A  
Luminaire Lumens: 20298.4 lumens  
Efficiency: N/A  
Efficacy: 146.1 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G3  
  
Input Watts (W): 138.9  
Input Voltage (V): 120  
Input Current (Ain): 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

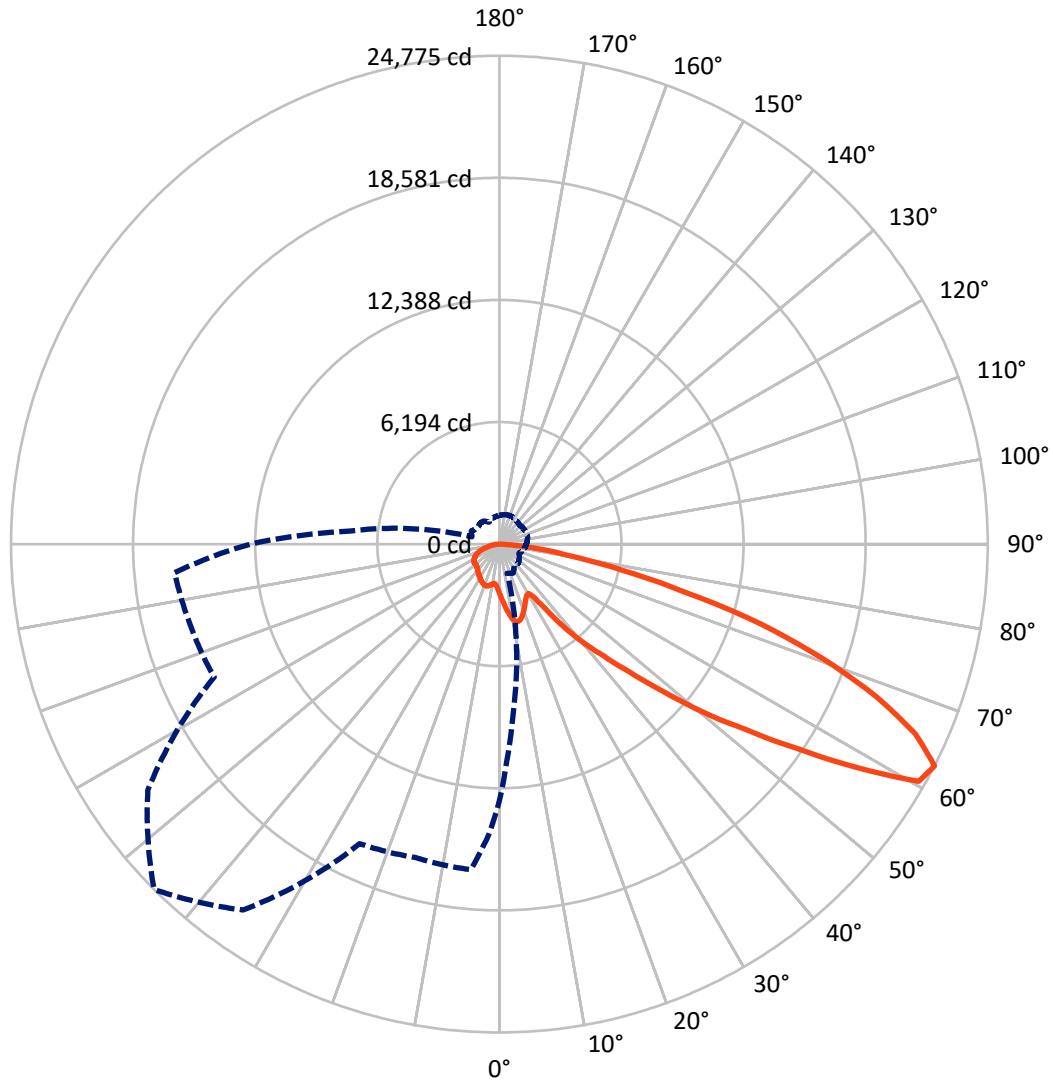
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.4 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	4853.4	0.0	4853.4
	% Fixture	23.9	0.0	23.9
<b>Street Side</b>	Lumens	15445.0	0.0	15445.0
	% Fixture	76.1	0.0	76.1
<b>Total</b>	Lumens	20298.4	0.0	20298.4
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	249.3	1.2
10°-20°	810.3	4.0
20°-30°	1275.6	6.3
30°-40°	1748.4	8.6
40°-50°	2728.1	13.4
50°-60°	4703.8	23.2
60°-70°	5451.1	26.9
70°-80°	2877.3	14.2
80°-90°	454.5	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°	20298.4	100.0
0°-180°	20298.4	100.0

**Coefficient of Utilization**



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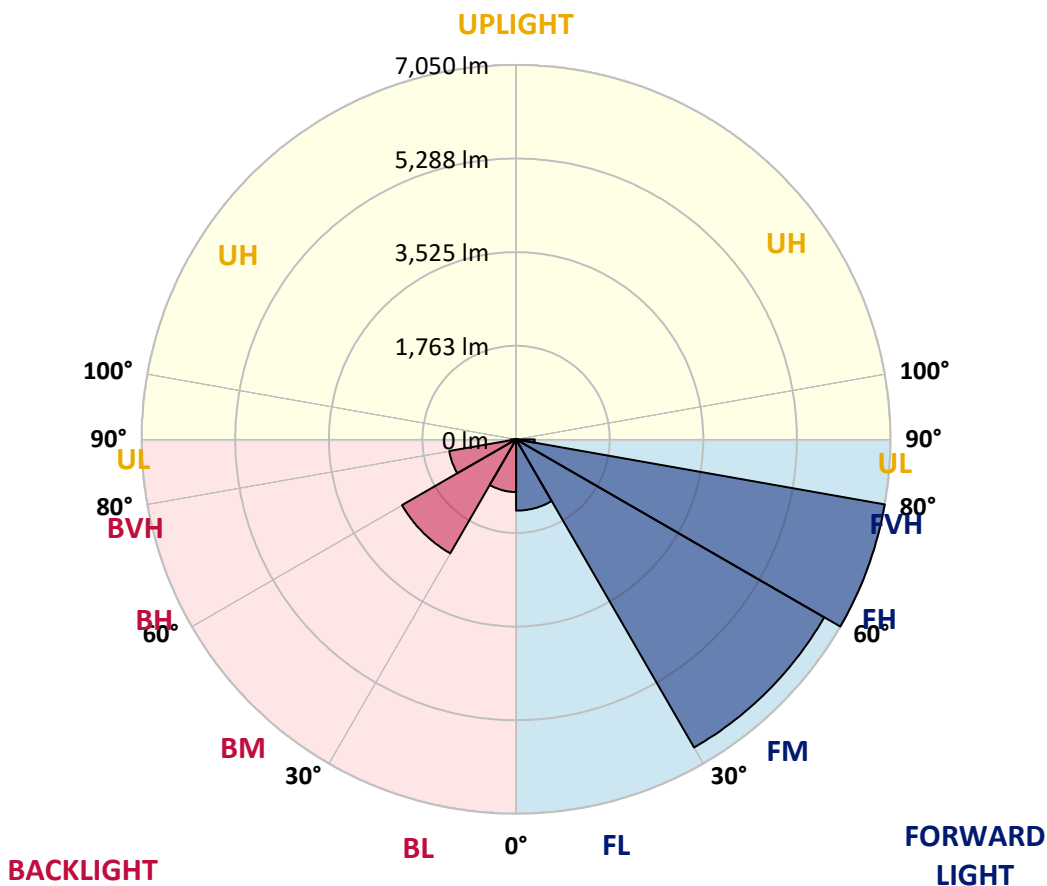
CATALOG NUMBER: GWS-SA6B-750-U-SLL-W

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1342.5	6.6			
FM (30°-60°)	6701.2	33.0			
FH (60°-80°)	7050.5	34.7			G3/7500
FVH (80°-90°)	350.8	1.7			G3/500
BL (0°-30°)	992.7	4.9	B2/1000		
BM (30°-60°)	2479.1	12.2	B2/2500		
BH (60°-80°)	1277.9	6.3	B3/2500		G3/2500
BVH (80°-90°)	103.7	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-G3**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2530.8	2530.8	2530.8	2530.8	2530.8	2530.8	2530.8	2530.8	2530.8	2530.8	2530.8
2.5°	2749.7	2738.8	2723.3	2670.5	2637.9	2600.7	2561.8	2516.8	2465.6	2429.9	2394.2
5°	2982.6	2965.5	2928.3	2802.5	2715.6	2620.8	2541.7	2451.6	2363.1	2302.6	2242.0
7.5°	3206.2	3184.4	3127.0	2934.5	2793.2	2656.6	2537.0	2406.6	2274.6	2184.6	2113.1
10°	3429.8	3384.7	3311.8	3060.2	2873.9	2715.6	2578.9	2419.0	2243.6	2120.9	2044.8
12.5°	3600.6	3558.6	3479.4	3175.1	2954.7	2755.9	2602.2	2454.7	2305.7	2175.2	2097.6
15°	3760.5	3706.1	3616.1	3282.3	3021.4	2754.4	2555.6	2426.8	2405.0	2372.4	2271.5
17.5°	3875.4	3825.7	3732.5	3369.2	3058.7	2706.2	2426.8	2350.7	2448.5	2547.9	2451.6
20°	3976.3	3918.8	3824.1	3429.8	3066.4	2599.1	2269.9	2271.5	2425.2	2561.8	2538.6
22.5°	4061.7	3998.0	3914.2	3498.1	3063.3	2450.1	2133.3	2226.5	2380.2	2487.3	2490.4
25°	4167.3	4114.5	4044.6	3599.0	3063.3	2297.9	2033.9	2172.1	2304.1	2394.2	2391.1
27.5°	4296.1	4260.4	4203.0	3752.7	3091.3	2170.6	1978.1	2102.3	2206.3	2283.9	2282.4
30°	4440.5	4407.9	4364.4	3915.7	3139.4	2075.9	1947.0	2015.3	2091.4	2153.5	2153.5
32.5°	4588.0	4575.6	4529.0	4046.2	3102.2	2046.4	1920.6	1928.4	1968.7	2020.0	2015.3
35°	4793.0	4780.6	4721.6	4147.1	2940.7	2004.4	1878.7	1839.9	1844.5	1877.1	1888.0
37.5°	5092.6	5074.0	4987.1	4265.1	2696.9	1898.9	1810.4	1746.7	1732.7	1746.7	1766.9
40°	5454.4	5426.4	5308.4	4425.0	2415.9	1756.0	1703.2	1650.4	1627.2	1631.8	1655.1
42.5°	5907.8	5848.8	5679.5	4594.2	2138.0	1630.3	1583.7	1551.1	1524.7	1521.6	1566.6
45°	6643.7	6482.2	6213.6	4744.8	1903.5	1563.5	1476.6	1453.3	1431.5	1443.9	1496.7
47.5°	7929.3	7631.2	7107.9	4873.7	1760.7	1565.1	1391.2	1366.3	1364.8	1389.6	1448.6
50°	9696.2	9266.1	8458.7	4960.7	1686.2	1583.7	1339.9	1299.6	1329.1	1353.9	1409.8
52.5°	11388.6	10731.8	9770.7	4959.1	1653.6	1586.8	1353.9	1237.4	1329.1	1335.3	1388.1
55°	12834.1	11644.7	10124.7	4449.8	1607.0	1574.4	1408.2	1189.3	1312.0	1335.3	1377.2
57.5°	13983.0	12225.4	10098.3	3594.3	1748.3	1506.1	1440.8	1178.4	1262.3	1338.4	1386.5
60°	13855.7	11959.9	9447.8	2206.3	1734.3	1384.9	1436.2	1198.6	1178.4	1296.4	1375.6
62.5°	13009.5	11008.2	8328.3	1530.9	1628.7	1315.1	1360.1	1234.3	1100.8	1235.9	1322.8
65°	11824.8	9780.0	6940.3	1173.8	1349.2	1318.2	1231.2	1209.5	1032.5	1139.6	1232.8
67.5°	10258.2	8256.9	5479.2	930.0	940.9	1141.2	1117.9	1074.4	968.8	1054.2	1138.1
70°	7711.9	6025.8	3769.8	748.4	712.7	953.3	1004.6	965.7	906.7	931.6	1020.1
72.5°	5434.2	3934.4	2065.0	593.1	549.6	732.8	872.6	866.4	801.2	819.8	906.7
75°	4038.4	2783.9	1290.2	468.9	447.2	524.8	731.3	749.9	695.6	717.3	784.1
77.5°	2687.6	1802.6	717.3	347.8	347.8	383.5	545.0	631.9	591.6	608.6	655.2
80°	1482.8	917.6	358.7	228.2	234.4	263.9	397.5	454.9	456.5	498.4	510.8
82.5°	468.9	291.9	159.9	133.5	125.8	150.6	256.2	326.1	304.3	388.2	357.1
85°	107.1	68.3	29.5	29.5	32.6	49.7	97.8	173.9	222.0	267.1	194.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	68.3	100.9	90.1
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°	2530.8	2530.8	2530.8	2530.8	2530.8	2530.8	2530.8	2530.8	2530.8	2530.8	2530.8
2.5°	2372.4	2341.4	2332.1	2305.7	2302.6	2277.7	2268.4	2268.4	2279.3	2279.3	2290.1
5°	2217.2	2178.3	2156.6	2125.6	2117.8	2099.2	2086.7	2088.3	2102.3	2111.6	2130.2
7.5°	2080.5	2054.1	2038.6	2024.6	2021.5	2018.4	2004.4	2002.9	2007.6	2021.5	2035.5
10°	2023.1	2004.4	2009.1	2020.0	2037.1	2046.4	2033.9	2027.7	2023.1	2032.4	2044.8
12.5°	2079.0	2060.3	2069.7	2088.3	2111.6	2120.9	2116.2	2114.7	2119.3	2155.1	2181.4
15°	2201.6	2165.9	2153.5	2161.3	2179.9	2189.2	2184.6	2190.8	2220.3	2313.4	2380.2
17.5°	2353.8	2266.8	2217.2	2203.2	2210.9	2218.7	2218.7	2234.2	2285.5	2422.1	2505.9
20°	2436.1	2322.7	2238.9	2204.7	2207.8	2215.6	2215.6	2237.3	2294.8	2440.7	2495.1
22.5°	2414.3	2310.3	2207.8	2170.6	2172.1	2178.3	2178.3	2197.0	2248.2	2377.1	2401.9
25°	2328.9	2237.3	2136.4	2103.8	2106.9	2117.8	2114.7	2125.6	2164.4	2269.9	2283.9
27.5°	2226.5	2145.7	2046.4	2021.5	2035.5	2057.2	2038.6	2040.2	2075.9	2164.4	2165.9
30°	2116.2	2049.5	1961.0	1942.3	1968.7	1979.6	1962.5	1962.5	1998.2	2058.8	2057.2
32.5°	1996.7	1954.8	1891.1	1870.9	1900.4	1917.5	1895.8	1898.9	1926.8	1967.2	1951.7
35°	1884.9	1863.2	1833.7	1819.7	1838.3	1853.8	1839.9	1846.1	1872.5	1883.3	1861.6
37.5°	1777.8	1774.7	1777.8	1777.8	1782.4	1787.1	1777.8	1793.3	1816.6	1802.6	1777.8
40°	1684.6	1697.0	1726.5	1718.8	1714.1	1718.8	1712.6	1738.9	1762.2	1737.4	1707.9
42.5°	1607.0	1630.3	1675.3	1675.3	1666.0	1669.1	1666.0	1698.6	1715.7	1681.5	1648.9
45°	1540.2	1574.4	1631.8	1639.6	1624.1	1624.1	1630.3	1670.6	1676.8	1630.3	1596.1
47.5°	1493.6	1535.6	1600.8	1614.7	1591.4	1589.9	1607.0	1650.4	1650.4	1596.1	1557.3
50°	1461.0	1507.6	1585.2	1603.9	1580.6	1574.4	1602.3	1644.2	1634.9	1569.7	1530.9
52.5°	1439.3	1487.4	1583.7	1610.1	1594.6	1588.3	1616.3	1645.8	1622.5	1552.6	1512.3
55°	1425.3	1478.1	1588.3	1610.1	1593.0	1582.1	1610.1	1636.5	1624.1	1543.3	1504.5
57.5°	1433.1	1485.9	1582.1	1593.0	1572.8	1554.2	1586.8	1624.1	1619.4	1546.4	1507.6
60°	1420.7	1468.8	1548.0	1551.1	1516.9	1487.4	1535.6	1591.4	1591.4	1535.6	1501.4
62.5°	1363.2	1411.3	1481.2	1484.3	1445.5	1412.9	1468.8	1535.6	1534.0	1489.0	1453.3
65°	1268.5	1313.5	1392.7	1400.5	1361.7	1327.5	1384.9	1447.1	1451.7	1411.3	1380.3
67.5°	1164.5	1204.8	1263.8	1294.9	1262.3	1226.6	1279.4	1338.4	1336.8	1288.7	1256.1
70°	1040.3	1077.5	1131.9	1158.3	1138.1	1103.9	1152.1	1183.1	1169.1	1145.8	1124.1
72.5°	917.6	953.3	1004.6	1004.6	982.8	950.2	964.2	1020.1	1037.2	1020.1	1006.1
75°	788.7	819.8	855.5	863.3	815.1	756.1	821.3	869.5	889.7	881.9	864.8
77.5°	656.8	680.1	732.8	718.9	628.8	597.8	650.6	722.0	735.9	731.3	708.0
80°	506.2	520.1	576.0	548.1	478.2	458.0	481.3	537.2	540.3	524.8	495.3
82.5°	340.0	358.7	395.9	341.6	340.0	321.4	302.8	309.0	336.9	333.8	313.6
85°	173.9	183.2	218.9	204.9	175.4	152.2	144.4	153.7	138.2	125.8	108.7
87.5°	73.0	79.2	108.7	60.6	18.6	0.0	0.0	9.3	14.0	20.2	21.7
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°	2530.8	2530.8	2530.8	2530.8	2530.8	2530.8	2530.8	2530.8	2530.8	2530.8	2530.8
2.5°	2315.0	2332.1	2374.0	2426.8	2478.0	2530.8	2588.2	2623.9	2667.4	2723.3	2724.9
5°	2153.5	2192.3	2252.9	2333.6	2417.4	2513.7	2625.5	2718.7	2830.4	2918.9	2954.7
7.5°	2054.1	2110.0	2186.1	2288.6	2398.8	2518.4	2664.3	2821.1	3004.3	3122.3	3192.2
10°	2063.4	2148.8	2224.9	2311.9	2411.2	2540.1	2728.0	2936.0	3161.2	3316.4	3403.4
12.5°	2229.6	2319.6	2305.7	2301.0	2367.8	2524.6	2779.2	3052.5	3327.3	3482.6	3586.6
15°	2439.2	2473.3	2341.4	2242.0	2282.4	2468.7	2807.2	3156.5	3465.5	3654.9	3757.4
17.5°	2546.3	2478.0	2318.1	2169.0	2158.2	2383.3	2821.1	3262.1	3620.7	3810.2	3918.8
20°	2496.6	2397.3	2262.2	2120.9	2043.3	2266.8	2813.4	3345.9	3762.0	3973.2	4061.7
22.5°	2389.5	2302.6	2197.0	2061.9	1950.1	2139.5	2793.2	3429.8	3887.8	4100.5	4178.1
25°	2273.1	2207.8	2120.9	2002.9	1897.3	2027.7	2779.2	3541.6	4032.2	4235.6	4285.3
27.5°	2156.6	2108.5	2037.1	1945.4	1884.9	1950.1	2783.9	3687.5	4218.5	4411.0	4390.8
30°	2041.7	1999.8	1950.1	1909.7	1883.3	1931.5	2771.4	3842.8	4423.4	4602.0	4482.4
32.5°	1933.0	1894.2	1863.2	1869.4	1884.9	1939.2	2707.8	3984.1	4611.3	4763.5	4581.8
35°	1839.9	1799.5	1799.5	1821.2	1878.7	1912.8	2543.2	4094.3	4819.4	4971.5	4723.1
37.5°	1752.9	1717.2	1740.5	1776.2	1830.6	1841.4	2332.1	4201.4	5122.1	5265.0	4942.0
40°	1676.8	1641.1	1683.1	1728.1	1756.0	1751.4	2117.8	4350.5	5479.2	5626.7	5232.4
42.5°	1616.3	1583.7	1620.9	1678.4	1683.1	1687.7	1961.0	4493.3	5893.8	6081.7	5732.3
45°	1566.6	1543.3	1561.9	1619.4	1619.4	1690.8	1863.2	4612.9	6517.9	6850.2	6649.9
47.5°	1527.8	1513.8	1523.1	1541.8	1572.8	1746.7	1801.1	4704.5	7654.5	8306.6	8104.7
50°	1506.1	1492.1	1504.5	1465.7	1558.8	1774.7	1780.9	4774.3	9152.8	10174.4	9924.4
52.5°	1487.4	1482.8	1490.5	1400.5	1589.9	1756.0	1765.3	4681.2	10157.3	12012.7	12259.6
55°	1481.2	1484.3	1447.1	1352.3	1627.2	1693.9	1718.8	4015.1	10430.6	13598.0	15130.4
57.5°	1484.3	1475.0	1380.3	1357.0	1628.7	1569.7	1785.5	2864.6	10033.1	14287.3	17939.1
60°	1473.4	1426.9	1299.6	1398.9	1557.3	1423.8	1737.4	1867.8	8985.1	13757.9	18102.1
62.5°	1425.3	1357.0	1229.7	1422.2	1430.0	1336.8	1577.5	1439.3	7587.7	12624.5	16530.9
65°	1355.4	1263.8	1170.7	1374.1	1301.1	1296.4	1186.2	1153.6	6101.8	11275.2	15040.3
67.5°	1240.6	1148.9	1127.2	1263.8	1170.7	1148.9	953.3	956.4	4869.1	9837.5	13542.1
70°	1110.1	1018.5	1035.6	1142.7	1041.8	954.9	771.7	796.5	3693.7	8196.3	11522.1
72.5°	1024.7	902.1	903.6	1006.1	916.1	773.2	635.0	656.8	2344.5	6177.9	9160.5
75°	864.8	794.9	760.8	815.1	777.9	602.4	534.1	529.4	1389.6	4428.1	6859.5
77.5°	722.0	667.6	650.6	672.3	580.7	445.6	430.1	422.3	787.2	2836.7	4494.9
80°	523.2	509.3	507.7	518.6	447.2	327.6	327.6	329.2	423.9	1540.2	2533.9
82.5°	332.3	363.3	321.4	357.1	304.3	232.9	217.4	246.9	243.8	656.8	1068.2
85°	138.2	189.4	177.0	187.9	144.4	127.3	136.6	147.5	141.3	253.1	416.1
87.5°	26.4	31.1	34.2	32.6	32.6	40.4	45.0	54.3	54.3	73.0	125.8
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):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	2530.8	2530.8	2530.8	2530.8	2530.8	2530.8	2530.8	2530.8	2530.8	2530.8
2.5°	2783.9	2828.9	2819.6	2839.8	2813.4	2822.7	2769.9	2755.9	2746.6	2749.7
5°	3069.6	3161.2	3178.2	3212.4	3189.1	3189.1	3095.9	3026.1	3001.2	2982.6
7.5°	3359.9	3491.9	3578.8	3588.1	3575.7	3550.9	3415.8	3290.0	3245.0	3206.2
10°	3617.6	3776.0	3873.8	3920.4	3897.1	3858.3	3690.6	3518.3	3463.9	3429.8
12.5°	3814.8	3954.6	4019.8	4050.8	4047.7	4033.7	3897.1	3710.8	3653.3	3600.6
15°	3942.1	4012.0	3987.2	3985.6	4007.3	4063.2	4021.3	3875.4	3808.6	3760.5
17.5°	4024.4	3957.7	3847.4	3796.2	3842.8	3974.7	4071.0	3988.7	3928.2	3875.4
20°	4053.9	3816.4	3656.4	3561.7	3616.1	3807.1	4044.6	4071.0	4019.8	3976.3
22.5°	4019.8	3644.0	3426.7	3314.9	3367.7	3595.9	3967.0	4137.8	4103.6	4061.7
25°	3935.9	3463.9	3203.1	3102.2	3159.6	3392.5	3828.8	4199.9	4201.4	4167.3
27.5°	3831.9	3297.8	3046.3	2951.6	3007.4	3224.8	3693.7	4254.2	4308.6	4296.1
30°	3726.3	3198.4	2971.7	2905.0	2946.9	3139.4	3555.5	4310.1	4418.8	4440.5
32.5°	3678.2	3246.6	3147.2	3176.7	3122.3	3189.1	3505.8	4389.3	4552.3	4588.0
35°	3741.8	3673.5	3925.1	4041.5	3849.0	3595.9	3569.5	4508.8	4740.2	4793.0
37.5°	4050.8	4588.0	4963.8	5373.7	5039.8	4482.4	3884.7	4712.2	5008.8	5092.6
40°	4723.1	5386.1	6064.6	6594.0	6089.4	5339.5	4484.0	5015.0	5378.3	5454.4
42.5°	5356.6	6134.4	7069.1	7753.8	7098.6	6039.7	5129.9	5524.3	5865.8	5907.8
45°	5977.6	6868.8	8284.8	9236.6	8346.9	6705.8	5789.8	6384.4	6642.2	6643.7
47.5°	6705.8	7696.4	9809.5	11165.0	10003.6	7443.3	6409.3	7746.1	8104.7	7929.3
50°	7576.8	8519.3	11379.2	13408.5	12023.6	8350.1	7196.4	9405.8	9894.9	9696.2
52.5°	8742.9	9426.0	13108.9	15596.2	14225.2	9382.6	8337.6	11598.2	11759.6	11388.6
55°	10384.0	10734.9	15329.1	18297.8	16683.0	10654.2	10006.7	14349.4	13897.6	12834.1
57.5°	14121.2	12806.1	18179.8	21379.7	19463.8	12964.5	13664.7	17383.3	15776.3	13983.0
60°	17248.2	15321.4	20817.7	24438.4	21847.1	15510.8	17099.1	17911.2	15706.4	13855.7
62.5°	16194.0	15962.6	21769.5	24775.3	22660.7	16763.8	16461.0	16580.6	14681.7	13009.5
65°	14208.1	14725.2	20920.2	23177.7	21758.6	15641.2	14889.7	15350.9	13509.5	11824.8
67.5°	13035.9	13416.3	19409.5	20620.5	20119.0	14427.1	13667.8	13334.0	11689.8	10258.2
70°	11837.3	12152.5	17288.6	17411.2	17561.8	12408.6	11175.8	10182.2	8713.4	7711.9
72.5°	10228.7	10245.8	14607.2	13896.1	14181.7	9710.2	8995.9	7612.6	6342.5	5434.2
75°	8581.4	8112.5	11562.5	9713.3	10286.2	7553.6	7469.7	5737.0	4783.7	4038.4
77.5°	6542.8	5994.7	8446.3	6387.5	7224.4	5030.5	5615.9	3890.9	3366.1	2687.6
80°	4392.4	4050.8	4667.2	3605.2	4726.2	3467.0	3662.7	2204.7	1911.3	1482.8
82.5°	2316.5	1978.1	2884.8	2138.0	2850.6	1905.1	1374.1	681.6	580.7	468.9
85°	897.4	1038.7	1414.4	760.8	1105.5	680.1	397.5	169.2	141.3	107.1
87.5°	173.9	268.6	147.5	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)