

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: P641672

Luminaire Tested: GWS-SA6B-735-U-SLL-W

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P641672  
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-735-U-SLL-W  
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS  
Light Source: (96) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

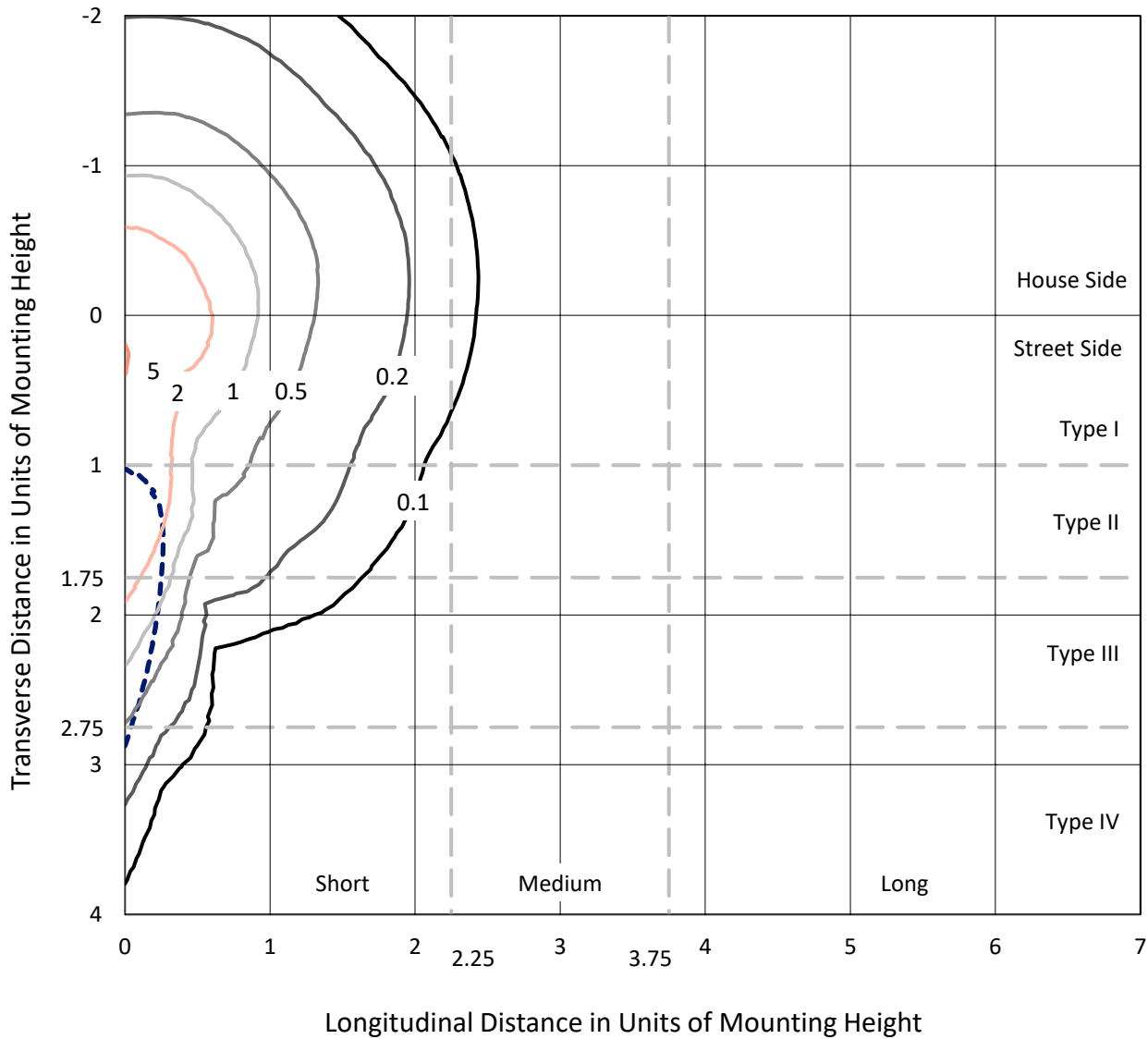
Lumens per Lamp: N/A  
Luminaire Lumens: 19571.8 lumens  
Efficiency: N/A  
Efficacy: 140.9 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G3  
  
Input Watts (W): 138.9  
Input Voltage (V): 120  
Input Current (Ain): 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

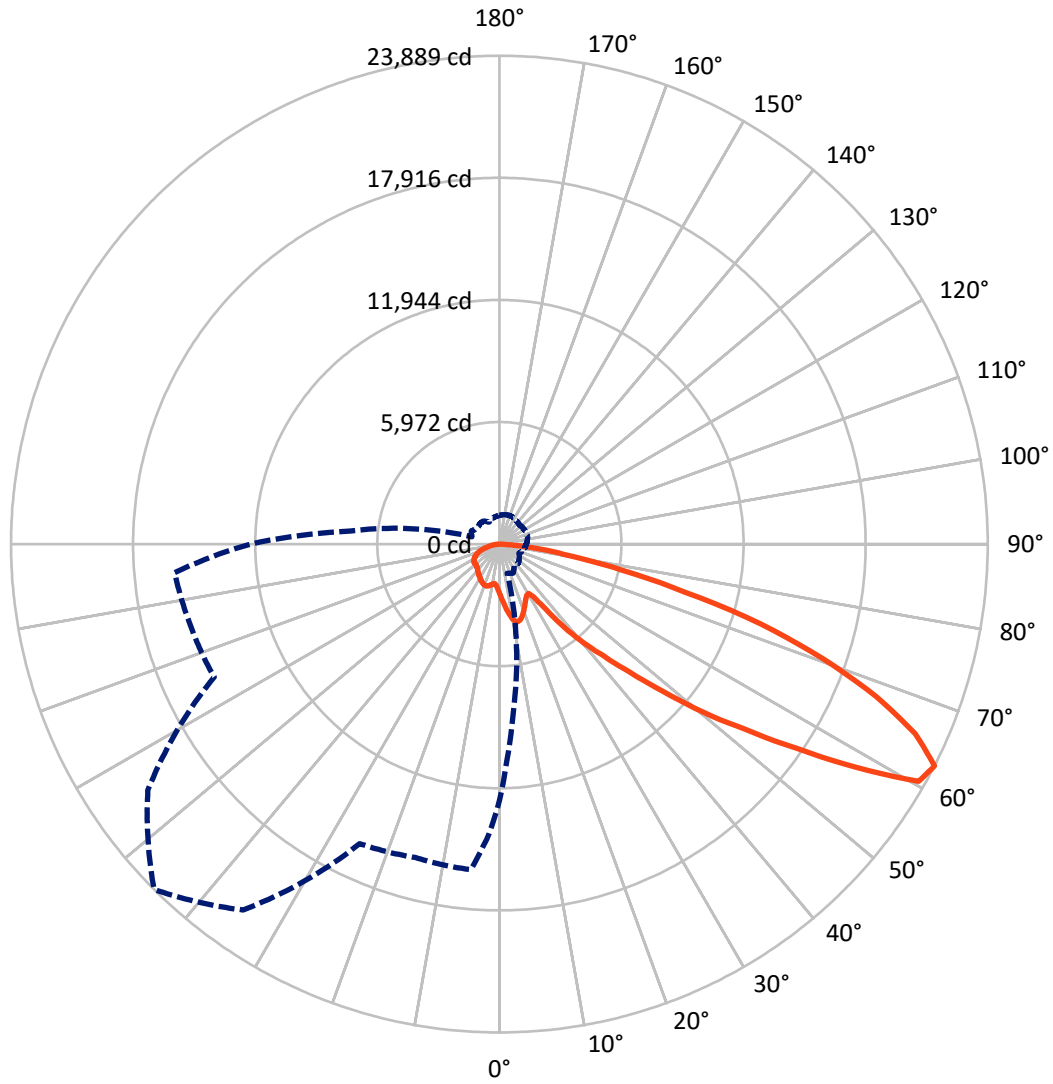
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.2 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	4679.6	0.0	4679.6
	% Fixture	23.9	0.0	23.9
<b>Street Side</b>	Lumens	14892.2	0.0	14892.2
	% Fixture	76.1	0.0	76.1
<b>Total</b>	Lumens	19571.8	0.0	19571.8
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	240.4	1.2
10°-20°	781.3	4.0
20°-30°	1229.9	6.3
30°-40°	1685.8	8.6
40°-50°	2630.4	13.4
50°-60°	4535.4	23.2
60°-70°	5255.9	26.9
70°-80°	2774.3	14.2
80°-90°	438.3	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°	19571.8	100.0
0°-180°	19571.8	100.0

**Coefficient of Utilization**



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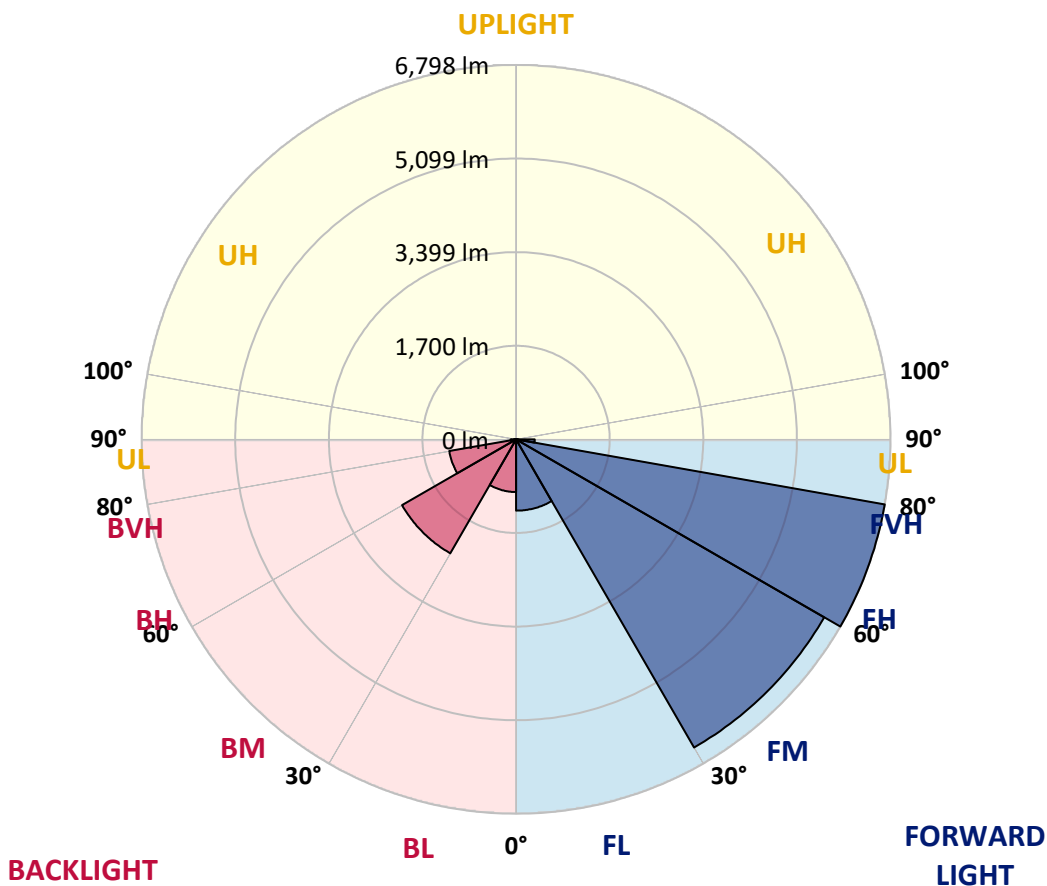
CATALOG NUMBER: GWS-SA6B-735-U-SLL-W

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1294.4	6.6			
FM (30°-60°)	6461.3	33.0			
FH (60°-80°)	6798.1	34.7			G3/7500
FVH (80°-90°)	338.3	1.7			G3/500
BL (0°-30°)	957.2	4.9	B2/1000		
BM (30°-60°)	2390.3	12.2	B2/2500		
BH (60°-80°)	1232.2	6.3	B3/2500		G3/2500
BVH (80°-90°)	100.0	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°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2440.2	2440.2	2440.2	2440.2	2440.2	2440.2	2440.2	2440.2	2440.2	2440.2	2440.2
2.5°	2651.3	2640.8	2625.8	2574.9	2543.5	2507.6	2470.1	2426.7	2377.3	2342.9	2308.5
5°	2875.8	2859.4	2823.4	2702.2	2618.3	2527.0	2450.7	2363.8	2278.5	2220.1	2161.7
7.5°	3091.4	3070.5	3015.1	2829.4	2693.2	2561.5	2446.2	2320.4	2193.2	2106.4	2037.5
10°	3307.0	3263.6	3193.2	2950.7	2771.0	2618.3	2486.6	2332.4	2163.2	2045.0	1971.6
12.5°	3471.7	3431.2	3354.9	3061.5	2848.9	2657.3	2509.1	2366.8	2223.1	2097.4	2022.5
15°	3625.9	3573.5	3486.6	3164.8	2913.3	2655.8	2464.2	2339.9	2318.9	2287.5	2190.2
17.5°	3736.6	3688.7	3598.9	3248.6	2949.2	2609.4	2339.9	2266.5	2360.9	2456.7	2363.8
20°	3834.0	3778.6	3687.2	3307.0	2956.7	2506.1	2188.7	2190.2	2338.4	2470.1	2447.7
22.5°	3916.3	3854.9	3774.1	3372.9	2953.7	2362.4	2057.0	2146.8	2295.0	2398.3	2401.3
25°	4018.1	3967.2	3899.8	3470.2	2953.7	2215.6	1961.1	2094.4	2221.6	2308.5	2305.5
27.5°	4142.3	4107.9	4052.5	3618.4	2980.6	2092.9	1907.2	2027.0	2127.3	2202.2	2200.7
30°	4281.6	4250.1	4208.2	3775.6	3027.0	2001.6	1877.3	1943.2	2016.5	2076.4	2076.4
32.5°	4423.8	4411.8	4366.9	3901.3	2991.1	1973.1	1851.9	1859.3	1898.3	1947.7	1943.2
35°	4621.4	4609.4	4552.5	3998.6	2835.4	1932.7	1811.4	1774.0	1778.5	1809.9	1820.4
37.5°	4910.3	4892.4	4808.5	4112.4	2600.4	1830.9	1745.6	1684.2	1670.7	1684.2	1703.6
40°	5259.2	5232.2	5118.4	4266.6	2329.4	1693.2	1642.3	1591.4	1568.9	1573.4	1595.9
42.5°	5696.3	5639.4	5476.2	4429.8	2061.4	1571.9	1527.0	1495.6	1470.1	1467.1	1510.5
45°	6405.9	6250.2	5991.2	4575.0	1835.4	1507.5	1423.7	1401.2	1380.3	1392.3	1443.2
47.5°	7645.5	7358.0	6853.5	4699.3	1697.7	1509.0	1341.4	1317.4	1315.9	1339.9	1396.8
50°	9349.1	8934.4	8156.0	4783.1	1625.8	1527.0	1292.0	1253.0	1281.5	1305.4	1359.3
52.5°	10980.9	10347.6	9421.0	4781.6	1594.4	1530.0	1305.4	1193.2	1281.5	1287.5	1338.4
55°	12374.6	11227.9	9762.3	4290.6	1549.5	1518.0	1357.8	1146.7	1265.0	1287.5	1327.9
57.5°	13482.5	11787.8	9736.8	3465.7	1685.7	1452.1	1389.3	1136.3	1217.1	1290.5	1336.9
60°	13359.7	11531.8	9109.6	2127.3	1672.2	1335.4	1384.8	1155.7	1136.3	1250.0	1326.4
62.5°	12543.8	10614.1	8030.2	1476.1	1570.4	1268.0	1311.4	1190.2	1061.4	1191.7	1275.5
65°	11401.6	9429.9	6691.8	1131.8	1300.9	1271.0	1187.2	1166.2	995.5	1098.8	1188.7
67.5°	9891.0	7961.3	5283.1	896.7	907.2	1100.3	1077.9	1036.0	934.2	1016.5	1097.3
70°	7435.9	5810.1	3634.8	721.6	687.1	919.2	968.6	931.2	874.3	898.2	983.6
72.5°	5239.7	3793.5	1991.1	571.9	530.0	706.6	841.3	835.4	772.5	790.4	874.3
75°	3893.8	2684.2	1244.1	452.1	431.2	506.0	705.1	723.1	670.7	691.6	756.0
77.5°	2591.4	1738.1	691.6	335.3	335.3	369.8	525.5	609.3	570.4	586.8	631.8
80°	1429.7	884.8	345.8	220.1	226.1	254.5	383.2	438.6	440.1	480.6	492.5
82.5°	452.1	281.4	154.2	128.7	121.3	145.2	247.0	314.4	293.4	374.3	344.3
85°	103.3	65.9	28.4	28.4	31.4	47.9	94.3	167.7	214.1	257.5	187.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	65.9	97.3	86.8
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°	2440.2	2440.2	2440.2	2440.2	2440.2	2440.2	2440.2	2440.2	2440.2	2440.2	2440.2
2.5°	2287.5	2257.6	2248.6	2223.1	2220.1	2196.2	2187.2	2187.2	2197.7	2197.7	2208.2
5°	2137.8	2100.4	2079.4	2049.5	2042.0	2024.0	2012.0	2013.5	2027.0	2036.0	2054.0
7.5°	2006.1	1980.6	1965.6	1952.2	1949.2	1946.2	1932.7	1931.2	1935.7	1949.2	1962.6
10°	1950.7	1932.7	1937.2	1947.7	1964.1	1973.1	1961.1	1955.2	1950.7	1959.6	1971.6
12.5°	2004.6	1986.6	1995.6	2013.5	2036.0	2045.0	2040.5	2039.0	2043.5	2077.9	2103.4
15°	2122.8	2088.4	2076.4	2083.9	2101.9	2110.8	2106.4	2112.3	2140.8	2230.6	2295.0
17.5°	2269.5	2185.7	2137.8	2124.3	2131.8	2139.3	2139.3	2154.3	2203.7	2335.4	2416.2
20°	2348.9	2239.6	2158.8	2125.8	2128.8	2136.3	2136.3	2157.3	2212.6	2353.4	2405.8
22.5°	2327.9	2227.6	2128.8	2092.9	2094.4	2100.4	2100.4	2118.3	2167.7	2292.0	2315.9
25°	2245.6	2157.3	2059.9	2028.5	2031.5	2042.0	2039.0	2049.5	2086.9	2188.7	2202.2
27.5°	2146.8	2068.9	1973.1	1949.2	1962.6	1983.6	1965.6	1967.1	2001.6	2086.9	2088.4
30°	2040.5	1976.1	1890.8	1872.8	1898.3	1908.7	1892.3	1892.3	1926.7	1985.1	1983.6
32.5°	1925.2	1884.8	1823.4	1804.0	1832.4	1848.9	1827.9	1830.9	1857.8	1896.8	1881.8
35°	1817.4	1796.5	1768.0	1754.5	1772.5	1787.5	1774.0	1780.0	1805.4	1815.9	1795.0
37.5°	1714.1	1711.1	1714.1	1714.1	1718.6	1723.1	1714.1	1729.1	1751.6	1738.1	1714.1
40°	1624.3	1636.3	1664.7	1657.2	1652.7	1657.2	1651.3	1676.7	1699.2	1675.2	1646.8
42.5°	1549.5	1571.9	1615.3	1615.3	1606.3	1609.3	1606.3	1637.8	1654.2	1621.3	1589.9
45°	1485.1	1518.0	1573.4	1580.9	1565.9	1565.9	1571.9	1610.8	1616.8	1571.9	1539.0
47.5°	1440.2	1480.6	1543.5	1556.9	1534.5	1533.0	1549.5	1591.4	1591.4	1539.0	1501.5
50°	1408.7	1453.6	1528.5	1546.5	1524.0	1518.0	1545.0	1585.4	1576.4	1513.5	1476.1
52.5°	1387.8	1434.2	1527.0	1552.4	1537.5	1531.5	1558.4	1586.9	1564.4	1497.1	1458.1
55°	1374.3	1425.2	1531.5	1552.4	1536.0	1525.5	1552.4	1577.9	1565.9	1488.1	1450.6
57.5°	1381.8	1432.7	1525.5	1536.0	1516.5	1498.6	1530.0	1565.9	1561.4	1491.1	1453.6
60°	1369.8	1416.2	1492.6	1495.6	1462.6	1434.2	1480.6	1534.5	1534.5	1480.6	1447.7
62.5°	1314.4	1360.8	1428.2	1431.2	1393.8	1362.3	1416.2	1480.6	1479.1	1435.7	1401.2
65°	1223.1	1266.5	1342.9	1350.3	1312.9	1280.0	1335.4	1395.3	1399.7	1360.8	1330.9
67.5°	1122.8	1161.7	1218.6	1248.5	1217.1	1182.7	1233.6	1290.5	1289.0	1242.6	1211.1
70°	1003.0	1039.0	1091.4	1116.8	1097.3	1064.4	1110.8	1140.8	1127.3	1104.8	1083.9
72.5°	884.8	919.2	968.6	968.6	947.6	916.2	929.7	983.6	1000.0	983.6	970.1
75°	760.5	790.4	824.9	832.4	786.0	729.1	791.9	838.4	857.8	850.3	833.9
77.5°	633.3	655.7	706.6	693.1	606.3	576.4	627.3	696.1	709.6	705.1	682.7
80°	488.0	501.5	555.4	528.5	461.1	441.6	464.1	518.0	521.0	506.0	477.6
82.5°	327.9	345.8	381.7	329.4	327.9	309.9	291.9	297.9	324.9	321.9	302.4
85°	167.7	176.7	211.1	197.6	169.2	146.7	139.2	148.2	133.2	121.3	104.8
87.5°	70.4	76.3	104.8	58.4	18.0	0.0	0.0	9.0	13.5	19.5	21.0
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°	2440.2	2440.2	2440.2	2440.2	2440.2	2440.2	2440.2	2440.2	2440.2	2440.2	2440.2
2.5°	2232.1	2248.6	2289.0	2339.9	2389.3	2440.2	2495.6	2530.0	2571.9	2625.8	2627.3
5°	2076.4	2113.8	2172.2	2250.1	2330.9	2423.7	2531.5	2621.3	2729.1	2814.5	2848.9
7.5°	1980.6	2034.5	2107.9	2206.7	2312.9	2428.2	2568.9	2720.1	2896.8	3010.6	3077.9
10°	1989.6	2071.9	2145.3	2229.1	2324.9	2449.2	2630.3	2830.9	3048.0	3197.7	3281.5
12.5°	2149.8	2236.6	2223.1	2218.6	2283.0	2434.2	2679.7	2943.2	3208.2	3357.9	3458.2
15°	2351.9	2384.8	2257.6	2161.7	2200.7	2380.3	2706.7	3043.5	3341.4	3524.1	3622.9
17.5°	2455.2	2389.3	2235.1	2091.4	2080.9	2298.0	2720.1	3145.3	3491.1	3673.8	3778.6
20°	2407.3	2311.5	2181.2	2045.0	1970.1	2185.7	2712.7	3226.2	3627.4	3831.0	3916.3
22.5°	2304.0	2220.1	2118.3	1988.1	1880.3	2062.9	2693.2	3307.0	3748.6	3953.7	4028.6
25°	2191.7	2128.8	2045.0	1931.2	1829.4	1955.2	2679.7	3414.8	3887.8	4084.0	4131.9
27.5°	2079.4	2033.0	1964.1	1875.8	1817.4	1880.3	2684.2	3555.5	4067.5	4253.1	4233.7
30°	1968.6	1928.2	1880.3	1841.4	1815.9	1862.3	2672.2	3705.2	4265.1	4437.3	4322.0
32.5°	1863.8	1826.4	1796.5	1802.5	1817.4	1869.8	2610.9	3841.4	4446.3	4593.0	4417.8
35°	1774.0	1735.1	1735.1	1756.0	1811.4	1844.4	2452.2	3947.7	4646.9	4793.6	4554.0
37.5°	1690.2	1655.7	1678.2	1712.6	1765.0	1775.5	2248.6	4051.0	4938.8	5076.5	4765.1
40°	1616.8	1582.4	1622.8	1666.2	1693.2	1688.7	2042.0	4194.7	5283.1	5425.3	5045.1
42.5°	1558.4	1527.0	1562.9	1618.3	1622.8	1627.3	1890.8	4332.5	5682.8	5864.0	5527.1
45°	1510.5	1488.1	1506.0	1561.4	1561.4	1630.3	1796.5	4447.7	6284.6	6605.0	6411.9
47.5°	1473.1	1459.6	1468.6	1486.6	1516.5	1684.2	1736.6	4536.1	7380.5	8009.2	7814.6
50°	1452.1	1438.7	1450.6	1413.2	1503.0	1711.1	1717.1	4603.4	8825.1	9810.2	9569.2
52.5°	1434.2	1429.7	1437.2	1350.3	1533.0	1693.2	1702.2	4513.6	9793.7	11582.7	11820.7
55°	1428.2	1431.2	1395.3	1303.9	1568.9	1633.3	1657.2	3871.4	10057.2	13111.2	14588.8
57.5°	1431.2	1422.2	1330.9	1308.4	1570.4	1513.5	1721.6	2762.1	9674.0	13775.9	17297.0
60°	1420.7	1375.8	1253.0	1348.8	1501.5	1372.8	1675.2	1801.0	8663.5	13265.4	17454.2
62.5°	1374.3	1308.4	1185.7	1371.3	1378.8	1289.0	1521.0	1387.8	7316.1	12172.5	15939.1
65°	1306.9	1218.6	1128.8	1324.9	1254.5	1250.0	1143.7	1112.3	5883.4	10871.6	14502.0
67.5°	1196.1	1107.8	1086.9	1218.6	1128.8	1107.8	919.2	922.2	4694.8	9485.3	13057.3
70°	1070.4	982.1	998.5	1101.8	1004.5	920.7	744.0	768.0	3561.5	7902.9	11109.6
72.5°	988.1	869.8	871.3	970.1	883.3	745.5	612.3	633.3	2260.6	5956.8	8832.6
75°	833.9	766.5	733.6	786.0	750.0	580.9	515.0	510.5	1339.9	4269.6	6614.0
77.5°	696.1	643.7	627.3	648.2	559.9	429.7	414.7	407.2	759.0	2735.1	4334.0
80°	504.5	491.0	489.5	500.0	431.2	315.9	315.9	317.4	408.7	1485.1	2443.2
82.5°	320.4	350.3	309.9	344.3	293.4	224.6	209.6	238.0	235.0	633.3	1030.0
85°	133.2	182.6	170.7	181.1	139.2	122.8	131.7	142.2	136.2	244.0	401.2
87.5°	25.4	29.9	32.9	31.4	31.4	38.9	43.4	52.4	52.4	70.4	121.3
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°	2440.2	2440.2	2440.2	2440.2	2440.2	2440.2	2440.2	2440.2	2440.2	2440.2
2.5°	2684.2	2727.6	2718.7	2738.1	2712.7	2721.6	2670.7	2657.3	2648.3	2651.3
5°	2959.7	3048.0	3064.5	3097.4	3074.9	3074.9	2985.1	2917.8	2893.8	2875.8
7.5°	3239.6	3366.9	3450.7	3459.7	3447.7	3423.8	3293.5	3172.3	3128.8	3091.4
10°	3488.1	3640.8	3735.2	3780.1	3757.6	3720.2	3558.5	3392.3	3339.9	3307.0
12.5°	3678.3	3813.0	3875.9	3905.8	3902.8	3889.3	3757.6	3578.0	3522.6	3471.7
15°	3801.0	3868.4	3844.4	3842.9	3863.9	3917.8	3877.4	3736.6	3672.3	3625.9
17.5°	3880.4	3816.0	3709.7	3660.3	3705.2	3832.5	3925.3	3845.9	3787.5	3736.6
20°	3908.8	3679.8	3525.6	3434.2	3486.6	3670.8	3899.8	3925.3	3875.9	3834.0
22.5°	3875.9	3513.6	3304.0	3196.2	3247.1	3467.2	3825.0	3989.6	3956.7	3916.3
25°	3795.0	3339.9	3088.4	2991.1	3046.5	3271.1	3691.7	4049.5	4051.0	4018.1
27.5°	3694.7	3179.7	2937.2	2845.9	2899.8	3109.4	3561.5	4101.9	4154.3	4142.3
30°	3592.9	3083.9	2865.4	2801.0	2841.4	3027.0	3428.3	4155.8	4260.6	4281.6
32.5°	3546.5	3130.3	3034.5	3063.0	3010.6	3074.9	3380.3	4232.2	4389.4	4423.8
35°	3607.9	3542.0	3784.6	3896.8	3711.2	3467.2	3441.7	4347.4	4570.5	4621.4
37.5°	3905.8	4423.8	4786.1	5181.3	4859.4	4322.0	3745.6	4543.6	4829.5	4910.3
40°	4554.0	5193.3	5847.5	6358.0	5871.4	5148.4	4323.5	4835.5	5185.8	5259.2
42.5°	5164.8	5914.9	6816.1	7476.3	6844.5	5823.5	4946.3	5326.5	5655.9	5696.3
45°	5763.7	6623.0	7988.3	8906.0	8048.2	6465.8	5582.5	6155.9	6404.4	6405.9
47.5°	6465.8	7420.9	9458.4	10765.3	9645.5	7176.9	6179.8	7468.8	7814.6	7645.5
50°	7305.6	8214.3	10971.9	12928.6	11593.2	8051.2	6938.8	9069.2	9540.7	9349.1
52.5°	8429.9	9088.6	12639.6	15037.9	13716.0	9046.7	8039.2	11183.0	11338.7	10980.9
55°	10012.3	10350.6	14780.4	17642.8	16085.8	10272.8	9648.5	13835.8	13400.1	12374.6
57.5°	13615.7	12347.7	17529.0	20614.4	18767.1	12500.4	13175.6	16761.0	15211.6	13482.5
60°	16630.8	14772.9	20072.5	23563.6	21065.0	14955.6	16487.1	17270.0	15144.2	13359.7
62.5°	15614.3	15391.2	20990.2	23888.5	21849.5	16163.7	15871.8	15987.0	14156.1	12543.8
65°	13699.5	14198.1	20171.3	22348.0	20979.7	15081.3	14356.7	14801.4	13025.9	11401.6
67.5°	12569.3	12936.0	18714.7	19882.4	19398.8	13910.6	13178.6	12856.7	11271.3	9891.0
70°	11413.5	11717.4	16669.7	16788.0	16933.2	11964.5	10775.8	9817.7	8401.5	7435.9
72.5°	9862.6	9879.1	14084.3	13398.6	13674.1	9362.6	8673.9	7340.1	6115.5	5239.7
75°	8274.2	7822.1	11148.6	9365.6	9918.0	7283.2	7202.3	5531.6	4612.4	3893.8
77.5°	6308.6	5780.1	8144.0	6158.9	6965.8	4850.5	5414.8	3751.6	3245.6	2591.4
80°	4235.2	3905.8	4500.1	3476.2	4557.0	3342.9	3531.6	2125.8	1842.9	1429.7
82.5°	2233.6	1907.2	2781.5	2061.4	2748.6	1836.9	1324.9	657.2	559.9	452.1
85°	865.3	1001.5	1363.8	733.6	1065.9	655.7	383.2	163.2	136.2	103.3
87.5°	167.7	259.0	142.2	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)