

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: P639802

Luminaire Tested: GWS-SA5C-750-U-SLL-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P639802
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-750-U-SLL-W
Description: GALLEON WALL SLIM LUMINAIRE. (5) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS
Light Source: (80) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22829.4 lumens
Efficiency: N/A
Efficacy: 144.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G4

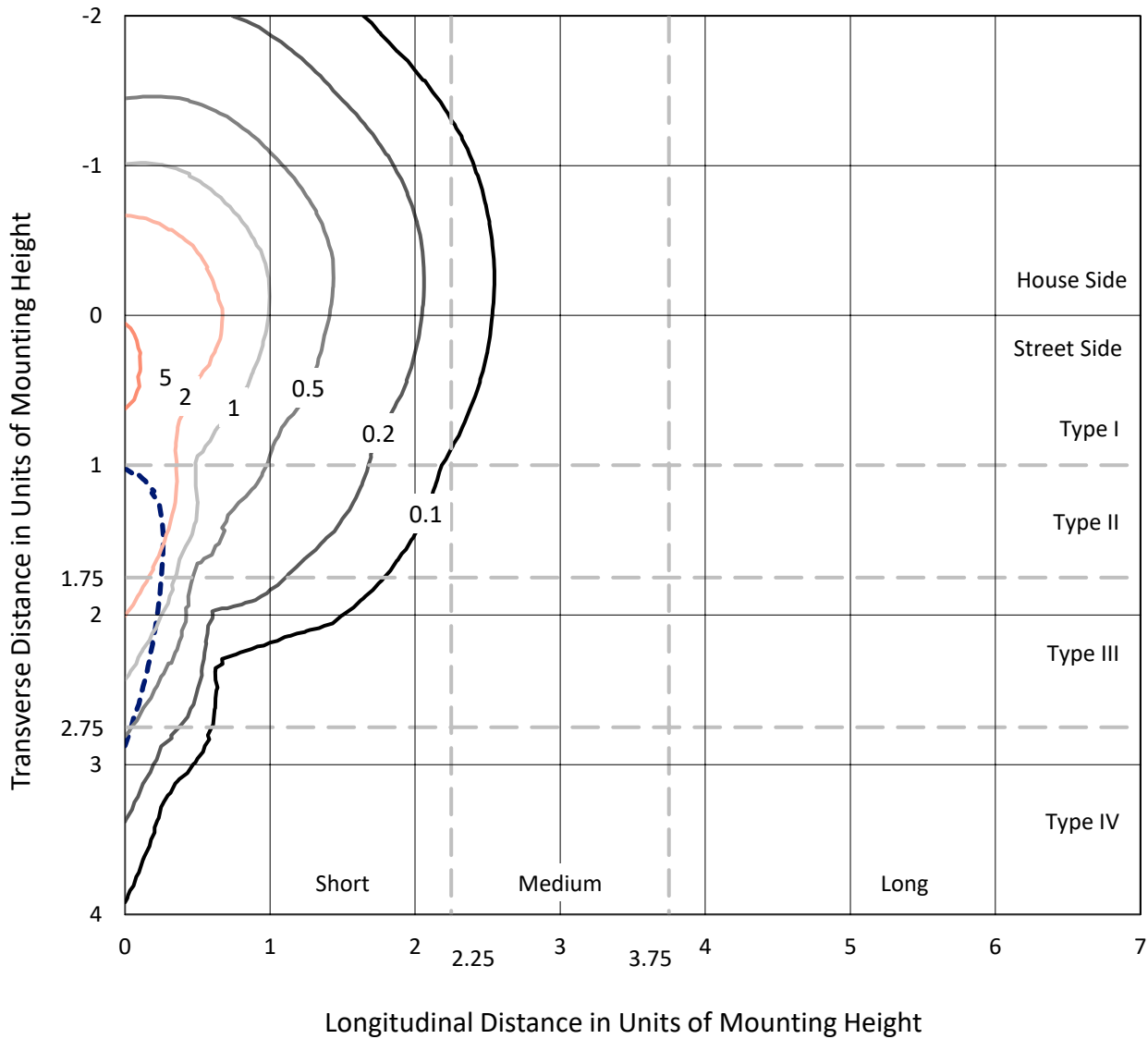
Input Watts (W): 157.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

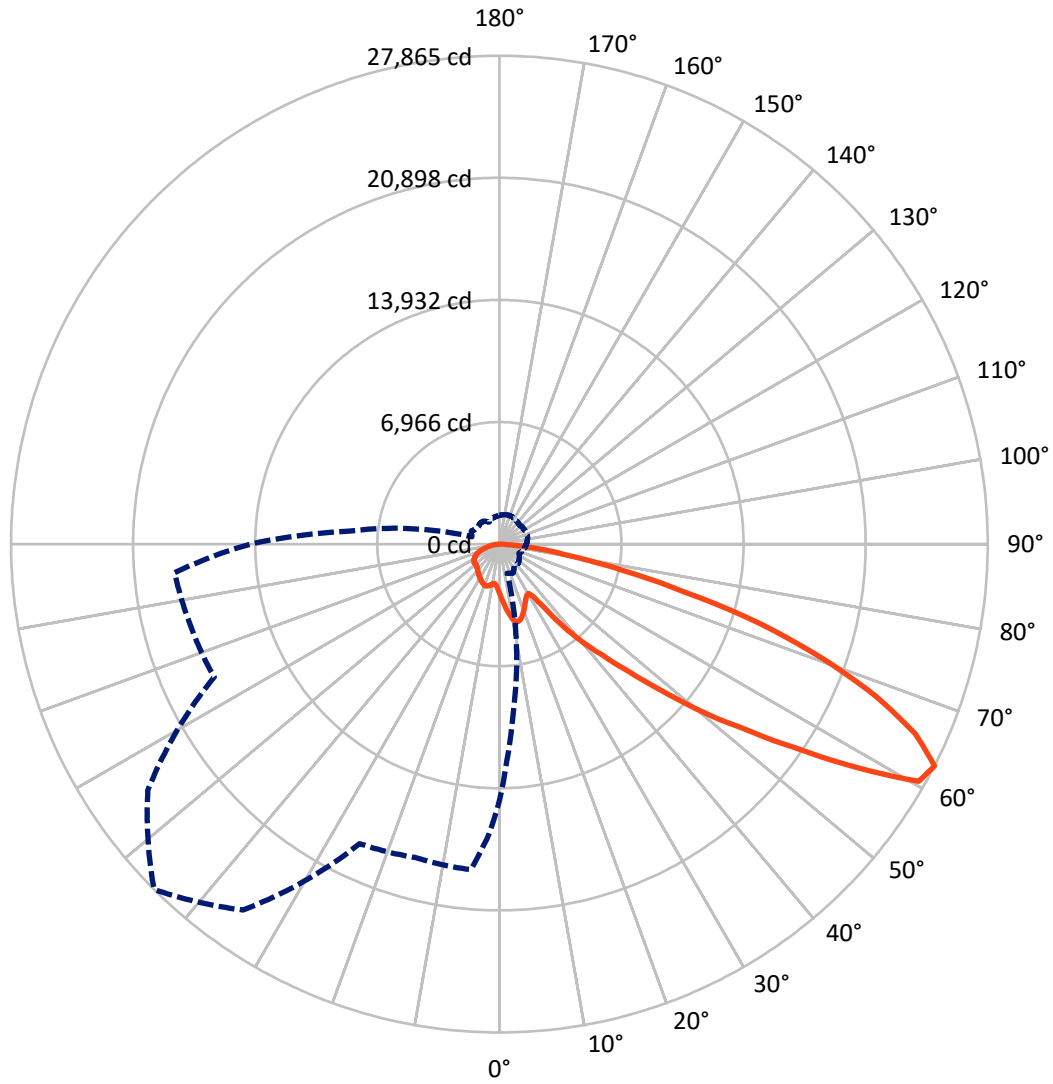
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.1 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
House Side	Lumens	5458.5	0.0	5458.5
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	17370.9	0.0	17370.9
	% Fixture	76.1	0.0	76.1
Total	Lumens	22829.4	0.0	22829.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	280.4	1.2
10°-20°	911.3	4.0
20°-30°	1434.6	6.3
30°-40°	1966.4	8.6
40°-50°	3068.3	13.4
50°-60°	5290.3	23.2
60°-70°	6130.8	26.9
70°-80°	3236.1	14.2
80°-90°	511.2	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°	22829.4	100.0
0°-180°	22829.4	100.0

Coefficient of Utilization



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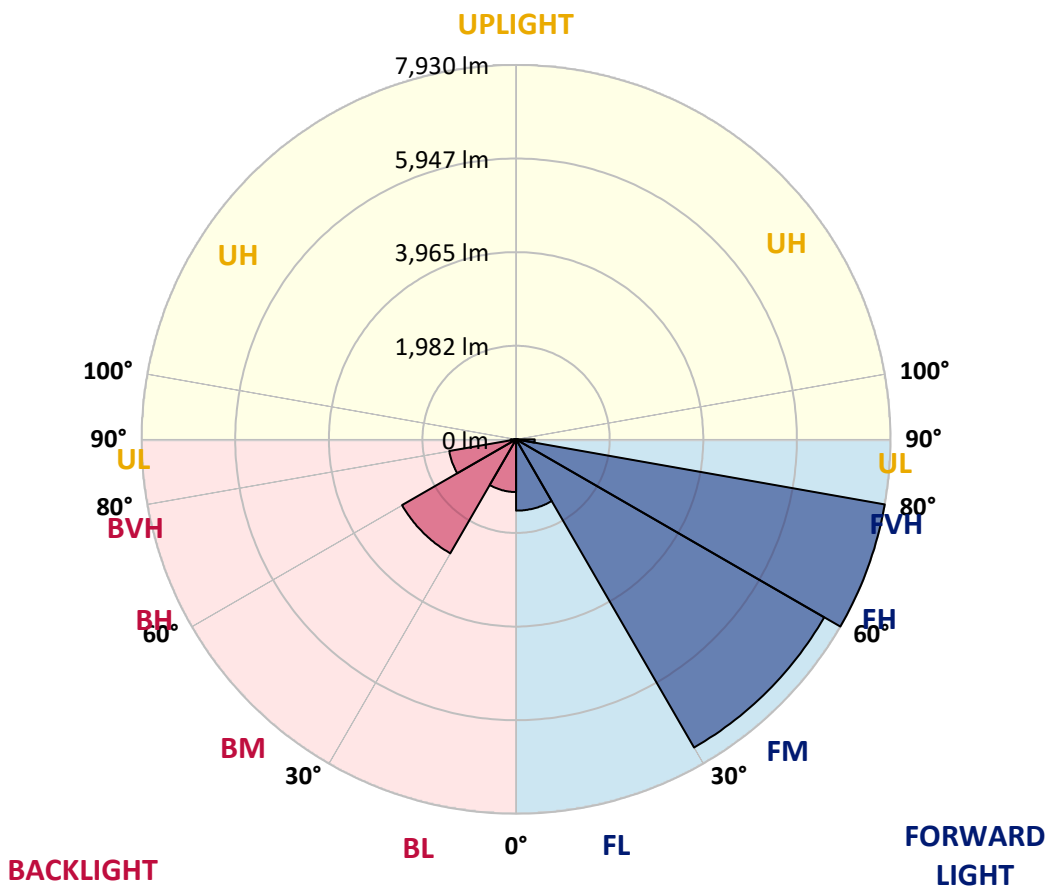
CATALOG NUMBER: GWS-SA5C-750-U-SLL-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1509.9	6.6			
FM (30°-60°)	7536.8	33.0			
FH (60°-80°)	7929.6	34.7			G4/12000
FVH (80°-90°)	394.6	1.7			G3/500
BL (0°-30°)	1116.5	4.9	B3/2500		
BM (30°-60°)	2788.2	12.2	B3/5000		
BH (60°-80°)	1437.3	6.3	B3/2500		G3/2500
BVH (80°-90°)	116.6	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°	2846.4	2846.4	2846.4	2846.4	2846.4	2846.4	2846.4	2846.4	2846.4	2846.4	2846.4
2.5°	3092.6	3080.3	3062.9	3003.5	2966.8	2924.9	2881.3	2830.6	2773.0	2732.8	2692.7
5°	3354.5	3335.3	3293.4	3151.9	3054.2	2947.6	2858.6	2757.3	2657.8	2589.7	2521.6
7.5°	3606.0	3581.5	3516.9	3300.4	3141.5	2987.8	2853.3	2706.7	2558.2	2456.9	2376.6
10°	3857.4	3806.8	3724.7	3441.8	3232.3	3054.2	2900.5	2720.6	2523.3	2385.3	2299.8
12.5°	4049.5	4002.4	3913.3	3571.0	3323.1	3099.6	2926.7	2760.8	2593.2	2446.5	2359.2
15°	4229.4	4168.2	4067.0	3691.5	3398.2	3097.8	2874.3	2729.4	2704.9	2668.2	2554.7
17.5°	4358.6	4302.7	4197.9	3789.3	3440.1	3043.7	2729.4	2643.8	2753.8	2865.6	2757.3
20°	4472.1	4407.5	4301.0	3857.4	3448.8	2923.2	2553.0	2554.7	2727.6	2881.3	2855.1
22.5°	4568.1	4496.5	4402.2	3934.3	3445.3	2755.5	2399.3	2504.1	2677.0	2797.5	2801.0
25°	4686.9	4627.5	4548.9	4047.8	3445.3	2584.4	2287.6	2443.0	2591.4	2692.7	2689.2
27.5°	4831.8	4791.7	4727.0	4220.6	3476.7	2441.2	2224.7	2364.4	2481.4	2568.7	2567.0
30°	4994.2	4957.5	4908.7	4404.0	3530.9	2334.7	2189.8	2266.6	2352.2	2422.0	2422.0
32.5°	5160.1	5146.1	5093.8	4550.7	3489.0	2301.5	2160.1	2168.8	2214.2	2271.8	2266.6
35°	5390.6	5376.6	5310.3	4664.2	3307.4	2254.4	2112.9	2069.3	2074.5	2111.2	2123.4
37.5°	5727.6	5706.7	5608.9	4796.9	3033.2	2135.6	2036.1	1964.5	1948.8	1964.5	1987.2
40°	6134.5	6103.1	5970.4	4976.8	2717.1	1975.0	1915.6	1856.2	1830.0	1835.3	1861.5
42.5°	6644.4	6578.0	6387.7	5167.1	2404.6	1833.5	1781.2	1744.5	1714.8	1711.3	1761.9
45°	7472.1	7290.5	6988.4	5336.5	2140.9	1758.5	1660.7	1634.5	1610.0	1624.0	1683.4
47.5°	8918.0	8582.7	7994.2	5481.4	1980.2	1760.2	1564.6	1536.7	1534.9	1562.9	1629.2
50°	10905.2	10421.5	9513.5	5579.2	1896.4	1781.2	1507.0	1461.6	1494.8	1522.7	1585.6
52.5°	12808.6	12069.9	10989.0	5577.5	1859.7	1784.6	1522.7	1391.7	1494.8	1501.8	1561.1
55°	14434.3	13096.7	11387.2	5004.7	1807.3	1770.7	1583.8	1337.6	1475.6	1501.8	1548.9
57.5°	15726.5	13749.8	11357.5	4042.5	1966.3	1693.8	1620.5	1325.4	1419.7	1505.2	1559.4
60°	15583.3	13451.2	10625.8	2481.4	1950.5	1557.6	1615.3	1348.1	1325.4	1458.1	1547.2
62.5°	14631.7	12380.8	9366.8	1721.8	1831.8	1479.1	1529.7	1388.3	1238.1	1390.0	1487.8
65°	13299.3	10999.5	7805.6	1320.1	1517.5	1482.5	1384.8	1360.3	1161.2	1281.7	1386.5
67.5°	11537.3	9286.4	6162.4	1046.0	1058.2	1283.5	1257.3	1208.4	1089.6	1185.7	1280.0
70°	8673.5	6777.1	4239.8	841.7	801.5	1072.2	1129.8	1086.2	1019.8	1047.7	1147.3
72.5°	6111.8	4424.9	2322.5	667.1	618.2	824.2	981.4	974.4	901.1	922.0	1019.8
75°	4541.9	3131.0	1451.1	527.4	502.9	590.2	822.5	843.4	782.3	806.8	881.8
77.5°	3022.7	2027.4	806.8	391.2	391.2	431.3	612.9	710.7	665.3	684.5	736.9
80°	1667.6	1032.0	403.4	256.7	263.7	296.9	447.0	511.6	513.4	560.5	574.5
82.5°	527.4	328.3	179.9	150.2	141.4	169.4	288.1	366.7	342.3	436.6	401.6
85°	120.5	76.8	33.2	33.2	36.7	55.9	110.0	195.6	249.7	300.4	218.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	76.8	113.5	101.3
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2846.4	2846.4	2846.4	2846.4	2846.4	2846.4	2846.4	2846.4	2846.4	2846.4	2846.4
2.5°	2668.2	2633.3	2622.8	2593.2	2589.7	2561.7	2551.2	2551.2	2563.5	2563.5	2575.7
5°	2493.6	2450.0	2425.5	2390.6	2381.9	2360.9	2346.9	2348.7	2364.4	2374.9	2395.8
7.5°	2339.9	2310.3	2292.8	2277.1	2273.6	2270.1	2254.4	2252.6	2257.9	2273.6	2289.3
10°	2275.3	2254.4	2259.6	2271.8	2291.1	2301.5	2287.6	2280.6	2275.3	2285.8	2299.8
12.5°	2338.2	2317.2	2327.7	2348.7	2374.9	2385.3	2380.1	2378.4	2383.6	2423.8	2453.5
15°	2476.2	2436.0	2422.0	2430.8	2451.7	2462.2	2456.9	2463.9	2497.1	2601.9	2677.0
17.5°	2647.3	2549.5	2493.6	2477.9	2486.6	2495.4	2495.4	2512.8	2570.4	2724.1	2818.4
20°	2739.8	2612.4	2518.1	2479.6	2483.1	2491.9	2491.9	2516.3	2580.9	2745.1	2806.2
22.5°	2715.4	2598.4	2483.1	2441.2	2443.0	2450.0	2450.0	2470.9	2528.5	2673.5	2701.4
25°	2619.3	2516.3	2402.8	2366.1	2369.6	2381.9	2378.4	2390.6	2434.2	2553.0	2568.7
27.5°	2504.1	2413.3	2301.5	2273.6	2289.3	2313.8	2292.8	2294.5	2334.7	2434.2	2436.0
30°	2380.1	2305.0	2205.5	2184.5	2214.2	2226.4	2207.2	2207.2	2247.4	2315.5	2313.8
32.5°	2245.7	2198.5	2126.9	2104.2	2137.4	2156.6	2132.1	2135.6	2167.1	2212.5	2195.0
35°	2119.9	2095.5	2062.3	2046.6	2067.5	2085.0	2069.3	2076.3	2106.0	2118.2	2093.7
37.5°	1999.4	1995.9	1999.4	1999.4	2004.7	2009.9	1999.4	2016.9	2043.1	2027.4	1999.4
40°	1894.7	1908.6	1941.8	1933.1	1927.8	1933.1	1926.1	1955.8	1982.0	1954.0	1920.9
42.5°	1807.3	1833.5	1884.2	1884.2	1873.7	1877.2	1873.7	1910.4	1929.6	1891.2	1854.5
45°	1732.3	1770.7	1835.3	1844.0	1826.6	1826.6	1833.5	1878.9	1885.9	1833.5	1795.1
47.5°	1679.9	1727.0	1800.4	1816.1	1789.9	1788.1	1807.3	1856.2	1856.2	1795.1	1751.5
50°	1643.2	1695.6	1782.9	1803.9	1777.7	1770.7	1802.1	1849.3	1838.8	1765.4	1721.8
52.5°	1618.8	1672.9	1781.2	1810.8	1793.4	1786.4	1817.8	1851.0	1824.8	1746.2	1700.8
55°	1603.0	1662.4	1786.4	1810.8	1791.6	1779.4	1810.8	1840.5	1826.6	1735.8	1692.1
57.5°	1611.8	1671.1	1779.4	1791.6	1768.9	1748.0	1784.6	1826.6	1821.3	1739.2	1695.6
60°	1597.8	1651.9	1741.0	1744.5	1706.1	1672.9	1727.0	1789.9	1789.9	1727.0	1688.6
62.5°	1533.2	1587.3	1665.9	1669.4	1625.7	1589.1	1651.9	1727.0	1725.3	1674.6	1634.5
65°	1426.7	1477.3	1566.4	1575.1	1531.4	1493.0	1557.6	1627.5	1632.7	1587.3	1552.4
67.5°	1309.7	1355.1	1421.4	1456.4	1419.7	1379.5	1438.9	1505.2	1503.5	1449.4	1412.7
70°	1170.0	1211.9	1273.0	1302.7	1280.0	1241.6	1295.7	1330.6	1314.9	1288.7	1264.3
72.5°	1032.0	1072.2	1129.8	1129.8	1105.4	1068.7	1084.4	1147.3	1166.5	1147.3	1131.6
75°	887.1	922.0	962.2	970.9	916.8	850.4	923.8	977.9	1000.6	991.9	972.6
77.5°	738.7	764.8	824.2	808.5	707.2	672.3	731.7	812.0	827.7	822.5	796.3
80°	569.3	585.0	647.9	616.4	537.8	515.1	541.3	604.2	607.7	590.2	557.0
82.5°	382.4	403.4	445.3	384.2	382.4	361.5	340.5	347.5	378.9	375.4	352.7
85°	195.6	206.1	246.2	230.5	197.3	171.1	162.4	172.9	155.4	141.4	122.2
87.5°	82.1	89.1	122.2	68.1	21.0	0.0	0.0	10.5	15.7	22.7	24.4
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°	2846.4	2846.4	2846.4	2846.4	2846.4	2846.4	2846.4	2846.4	2846.4	2846.4	2846.4
2.5°	2603.6	2622.8	2670.0	2729.4	2787.0	2846.4	2911.0	2951.1	3000.0	3062.9	3064.6
5°	2422.0	2465.7	2533.8	2624.6	2718.9	2827.1	2952.9	3057.6	3183.4	3282.9	3323.1
7.5°	2310.3	2373.1	2458.7	2573.9	2697.9	2832.4	2996.5	3172.9	3379.0	3511.7	3590.2
10°	2320.7	2416.8	2502.3	2600.1	2711.9	2856.8	3068.1	3302.1	3555.3	3729.9	3827.7
12.5°	2507.6	2608.9	2593.2	2587.9	2663.0	2839.4	3125.8	3433.1	3742.2	3916.8	4033.8
15°	2743.3	2781.7	2633.3	2521.6	2567.0	2776.5	3157.2	3550.1	3897.6	4110.6	4225.9
17.5°	2863.8	2787.0	2607.1	2439.5	2427.3	2680.5	3172.9	3668.8	4072.2	4285.2	4407.5
20°	2807.9	2696.2	2544.3	2385.3	2298.0	2549.5	3164.2	3763.1	4231.1	4468.6	4568.1
22.5°	2687.4	2589.7	2470.9	2319.0	2193.3	2406.3	3141.5	3857.4	4372.6	4611.8	4699.1
25°	2556.5	2483.1	2385.3	2252.6	2133.9	2280.6	3125.8	3983.1	4535.0	4763.7	4819.6
27.5°	2425.5	2371.4	2291.1	2188.0	2119.9	2193.3	3131.0	4147.3	4744.5	4961.0	4938.3
30°	2296.3	2249.1	2193.3	2147.9	2118.2	2172.3	3117.0	4321.9	4975.0	5175.8	5041.4
32.5°	2174.1	2130.4	2095.5	2102.5	2119.9	2181.0	3045.4	4480.8	5186.3	5357.4	5153.1
35°	2069.3	2023.9	2023.9	2048.3	2112.9	2151.4	2860.3	4604.8	5420.3	5591.4	5312.0
37.5°	1971.5	1931.3	1957.5	1997.7	2058.8	2071.0	2622.8	4725.3	5760.8	5921.5	5558.2
40°	1885.9	1845.8	1892.9	1943.6	1975.0	1969.7	2381.9	4892.9	6162.4	6328.3	5884.8
42.5°	1817.8	1781.2	1823.1	1887.7	1892.9	1898.2	2205.5	5053.6	6628.7	6840.0	6447.1
45°	1761.9	1735.8	1756.7	1821.3	1821.3	1901.6	2095.5	5188.0	7330.7	7704.4	7479.1
47.5°	1718.3	1702.6	1713.1	1734.0	1768.9	1964.5	2025.6	5291.1	8608.9	9342.3	9115.3
50°	1693.8	1678.1	1692.1	1648.4	1753.2	1995.9	2002.9	5369.7	10294.0	11443.0	11161.9
52.5°	1672.9	1667.6	1676.4	1575.1	1788.1	1975.0	1985.5	5264.9	11423.8	13510.6	13788.2
55°	1665.9	1669.4	1627.5	1521.0	1830.0	1905.1	1933.1	4515.7	11731.2	15293.5	17017.0
57.5°	1669.4	1658.9	1552.4	1526.2	1831.8	1765.4	2008.2	3221.8	11284.1	16068.8	20175.9
60°	1657.2	1604.8	1461.6	1573.4	1751.5	1601.3	1954.0	2100.7	10105.4	15473.3	20359.3
62.5°	1603.0	1526.2	1383.0	1599.5	1608.3	1503.5	1774.2	1618.8	8533.8	14198.6	18592.1
65°	1524.5	1421.4	1316.7	1545.4	1463.3	1458.1	1334.1	1297.4	6862.7	12681.1	16915.7
67.5°	1395.2	1292.2	1267.8	1421.4	1316.7	1292.2	1072.2	1075.7	5476.2	11064.1	15230.6
70°	1248.6	1145.5	1164.7	1285.2	1171.7	1073.9	867.9	895.8	4154.3	9218.3	12958.8
72.5°	1152.5	1014.6	1016.3	1131.6	1030.3	869.6	714.2	738.7	2636.8	6948.2	10302.8
75°	972.6	894.1	855.7	916.8	874.9	677.5	600.7	595.5	1562.9	4980.2	7714.8
77.5°	812.0	750.9	731.7	756.1	653.1	501.2	483.7	475.0	885.3	3190.4	5055.3
80°	588.5	572.8	571.0	583.2	502.9	368.5	368.5	370.2	476.7	1732.3	2849.8
82.5°	373.7	408.6	361.5	401.6	342.3	261.9	244.5	277.7	274.2	738.7	1201.4
85°	155.4	213.0	199.1	211.3	162.4	143.2	153.7	165.9	158.9	284.6	468.0
87.5°	29.7	34.9	38.4	36.7	36.7	45.4	50.6	61.1	61.1	82.1	141.4
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):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	2846.4	2846.4	2846.4	2846.4	2846.4	2846.4	2846.4	2846.4	2846.4	2846.4
2.5°	3131.0	3181.6	3171.2	3193.9	3164.2	3174.6	3115.3	3099.6	3089.1	3092.6
5°	3452.3	3555.3	3574.5	3612.9	3586.8	3586.8	3482.0	3403.4	3375.5	3354.5
7.5°	3778.8	3927.3	4025.1	4035.5	4021.6	3993.6	3841.7	3700.3	3649.6	3606.0
10°	4068.7	4246.8	4356.8	4409.2	4383.0	4339.4	4150.8	3957.0	3895.8	3857.4
12.5°	4290.5	4447.6	4521.0	4555.9	4552.4	4536.7	4383.0	4173.5	4108.9	4049.5
15°	4433.7	4512.3	4484.3	4482.6	4507.0	4569.9	4522.7	4358.6	4283.5	4229.4
17.5°	4526.2	4451.1	4327.2	4269.5	4321.9	4470.3	4578.6	4486.1	4418.0	4358.6
20°	4559.4	4292.2	4112.4	4005.8	4067.0	4281.8	4548.9	4578.6	4521.0	4472.1
22.5°	4521.0	4098.4	3853.9	3728.2	3787.6	4044.3	4461.6	4653.7	4615.3	4568.1
25°	4426.7	3895.8	3602.5	3489.0	3553.6	3815.5	4306.2	4723.5	4725.3	4686.9
27.5°	4309.7	3709.0	3426.1	3319.6	3382.4	3626.9	4154.3	4784.7	4845.8	4831.8
30°	4190.9	3597.2	3342.3	3267.2	3314.3	3530.9	3998.9	4847.5	4969.8	4994.2
32.5°	4136.8	3651.4	3539.6	3572.8	3511.7	3586.8	3943.0	4936.6	5119.9	5160.1
35°	4208.4	4131.6	4414.5	4545.4	4328.9	4044.3	4014.6	5071.0	5331.2	5390.6
37.5°	4555.9	5160.1	5582.7	6043.7	5668.3	5041.4	4369.1	5299.8	5633.3	5727.6
40°	5312.0	6057.7	6820.8	7416.2	6848.7	6005.3	5043.1	5640.3	6048.9	6134.5
42.5°	6024.5	6899.4	7950.6	8720.7	7983.8	6792.8	5769.5	6213.1	6597.3	6644.4
45°	6723.0	7725.3	9317.9	10388.3	9387.7	7542.0	6511.7	7180.5	7470.4	7472.1
47.5°	7542.0	8656.1	11032.7	12557.1	11251.0	8371.4	7208.4	8711.9	9115.3	8918.0
50°	8521.6	9581.6	12798.1	15080.4	13522.8	9391.2	8093.8	10578.7	11128.7	10905.2
52.5°	9833.0	10601.4	14743.4	17540.9	15999.0	10552.5	9377.3	13044.3	13225.9	12808.6
55°	11678.8	12073.4	17240.5	20579.3	18763.2	11982.6	11254.4	16138.6	15630.5	14434.3
57.5°	15882.0	14402.9	20446.6	24045.6	21890.7	14581.0	15368.6	19550.8	17743.4	15726.5
60°	19398.9	17231.8	23413.4	27485.6	24571.2	17444.8	19231.2	20144.5	17664.9	15583.3
62.5°	18213.2	17953.0	24483.9	27864.6	25486.2	18854.0	18513.5	18648.0	16512.3	14631.7
65°	15979.7	16561.2	23528.7	26067.7	24471.7	17591.5	16746.3	17265.0	15193.9	13299.3
67.5°	14661.3	15089.2	21829.6	23191.7	22627.6	16226.0	15372.1	14996.6	13147.4	11537.3
70°	13313.3	13667.7	19444.3	19582.2	19751.6	13955.9	12569.4	11451.8	9799.8	8673.5
72.5°	11504.2	11523.4	16428.5	15628.8	15950.1	10920.9	10117.7	8561.8	7133.3	6111.8
75°	9651.4	9124.0	13004.2	10924.4	11568.8	8495.4	8401.1	6452.3	5380.1	4541.9
77.5°	7358.6	6742.2	9499.5	7184.0	8125.2	5657.8	6316.1	4376.1	3785.8	3022.7
80°	4940.1	4555.9	5249.2	4054.7	5315.5	3899.3	4119.4	2479.6	2149.6	1667.6
82.5°	2605.4	2224.7	3244.5	2404.6	3206.1	2142.6	1545.4	766.6	653.1	527.4
85°	1009.3	1168.2	1590.8	855.7	1243.3	764.8	447.0	190.3	158.9	120.5
87.5°	195.6	302.1	165.9	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)