

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: P639751

Luminaire Tested: GWS-SA5C-740-U-SLR-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P639751
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-SA5C-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: 22546.7 lumens
Efficiency: N/A
Efficacy: 143.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G4

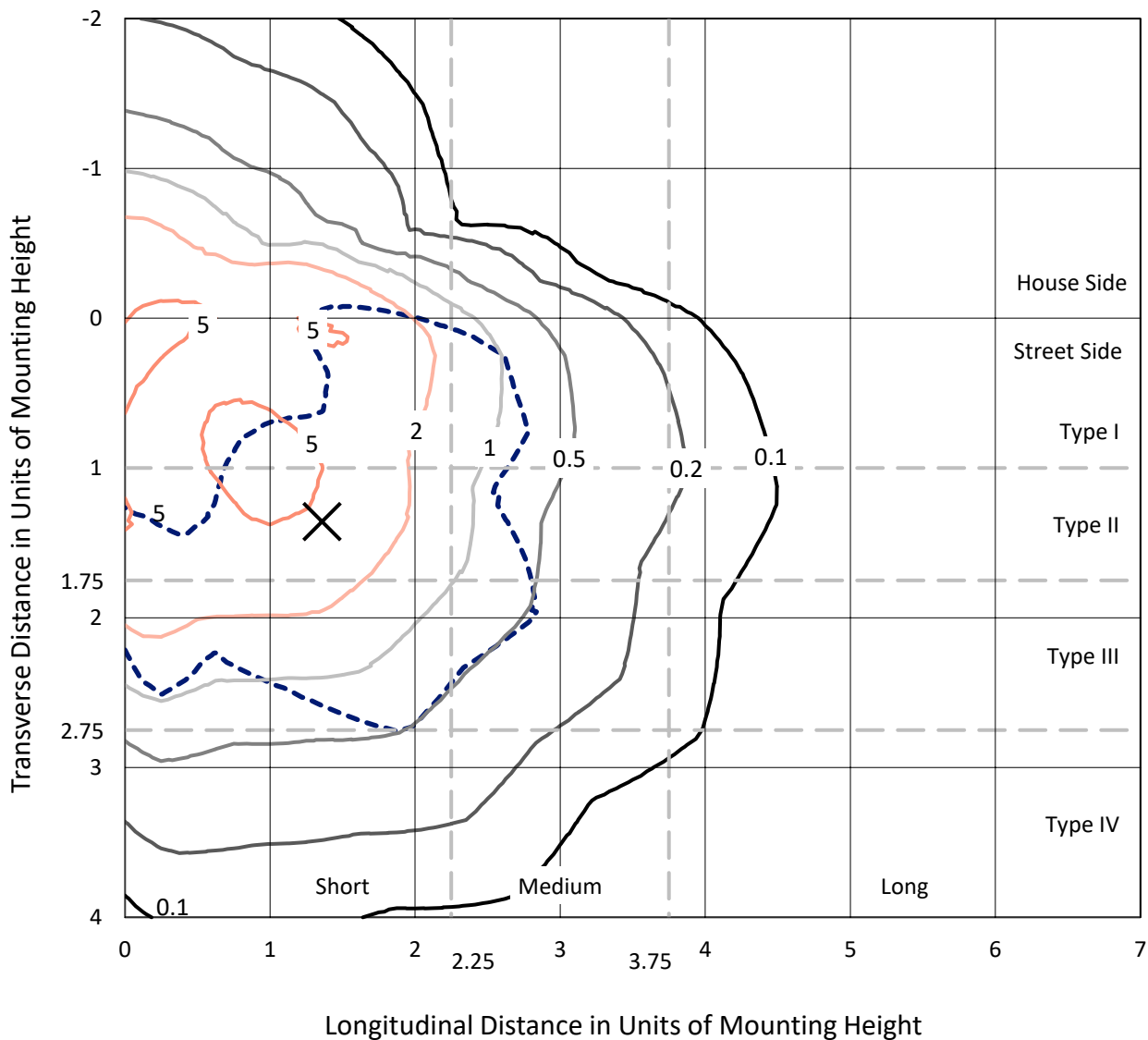
Input Watts (W): 157.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

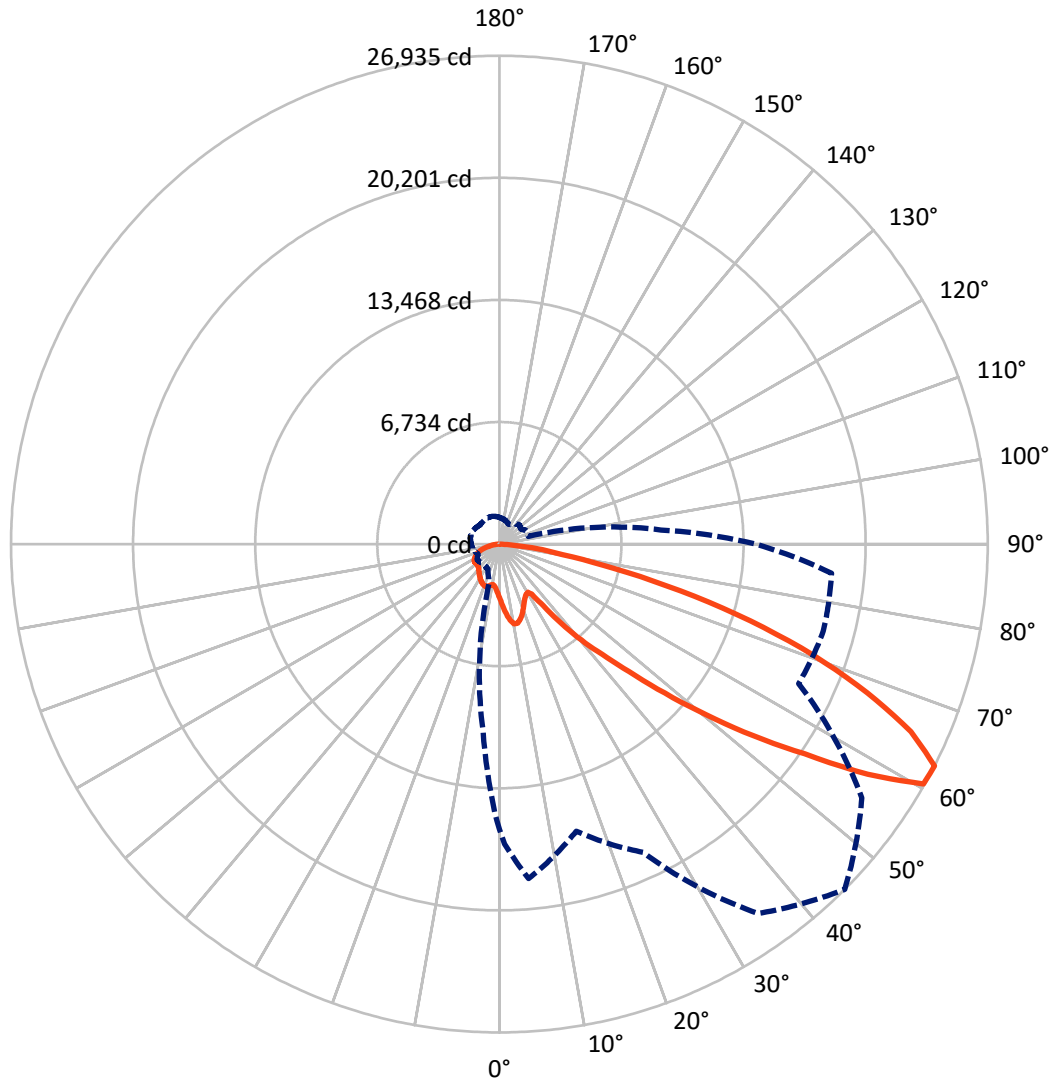
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.8 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
House Side	Lumens	5380.1	0.0	5380.1
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	17166.6	0.0	17166.6
	% Fixture	76.1	0.0	76.1
Total	Lumens	22546.7	0.0	22546.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	292.3	1.3
10°-20°	916.1	4.1
20°-30°	1423.0	6.3
30°-40°	1932.0	8.6
40°-50°	3062.1	13.6
50°-60°	5401.5	24.0
60°-70°	6010.0	26.7
70°-80°	3048.1	13.5
80°-90°	461.5	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°	22546.7	100.0
0°-180°	22546.7	100.0

Coefficient of Utilization



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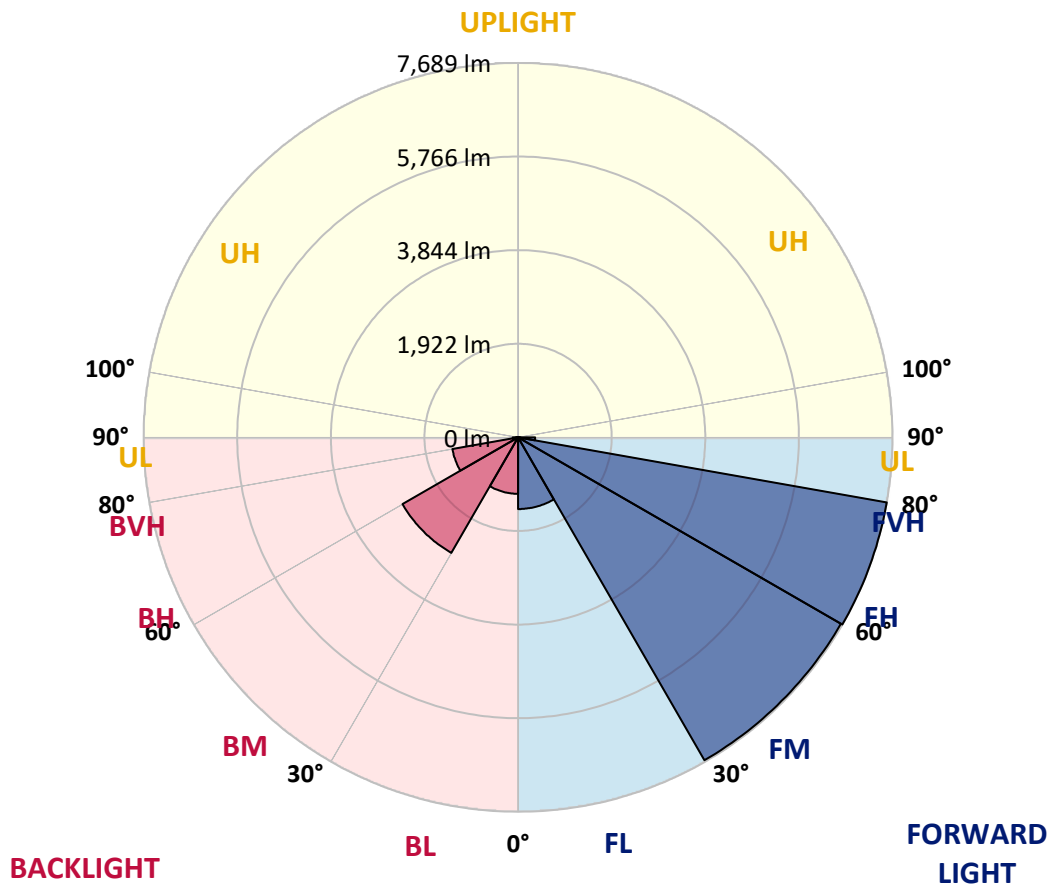
CATALOG NUMBER: GWS-SA5C-740-U-SLR-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1472.1	6.5			
FM (30°-60°)	7655.6	34.0			
FH (60°-80°)	7688.6	34.1			G4/12000
FVH (80°-90°)	350.3	1.6			G3/500
BL (0°-30°)	1159.3	5.1	B3/2500		
BM (30°-60°)	2740.1	12.2	B3/5000		
BH (60°-80°)	1369.5	6.1	B3/2500		G3/2500
BVH (80°-90°)	111.2	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°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2992.4	2992.4	2992.4	2992.4	2992.4	2992.4	2992.4	2992.4	2992.4	2992.4	2992.4
2.5°	3216.0	3214.3	3246.8	3296.3	3342.3	3362.8	3397.0	3393.6	3366.2	3330.4	3318.4
5°	3468.7	3475.5	3531.8	3641.1	3762.3	3813.5	3835.7	3827.1	3777.6	3714.5	3603.5
7.5°	3697.4	3709.4	3796.4	3960.3	4110.5	4178.8	4233.4	4223.2	4151.5	4033.7	3869.8
10°	3864.7	3878.4	3982.5	4175.4	4342.7	4402.4	4472.4	4475.8	4412.6	4253.9	4086.6
12.5°	4032.0	4045.6	4142.9	4318.8	4428.0	4429.7	4470.7	4492.9	4496.3	4422.9	4255.6
15°	4206.1	4218.0	4306.8	4405.8	4400.7	4305.1	4305.1	4347.8	4441.7	4494.6	4378.5
17.5°	4354.6	4370.0	4438.3	4405.8	4253.9	4081.5	4061.0	4115.6	4279.5	4482.6	4470.7
20°	4477.5	4489.5	4527.0	4311.9	4035.4	3810.1	3770.8	3834.0	4055.9	4409.2	4540.7
22.5°	4595.3	4602.1	4581.6	4189.0	3799.8	3542.1	3494.3	3560.8	3799.8	4279.5	4600.4
25°	4735.3	4728.4	4631.1	4061.0	3584.7	3330.4	3280.9	3356.0	3605.2	4107.1	4665.3
27.5°	4897.4	4871.8	4673.8	3922.7	3419.2	3173.4	3139.2	3219.4	3451.6	3948.3	4716.5
30°	5035.7	4986.2	4680.7	3799.8	3333.8	3106.8	3086.3	3161.4	3376.5	3840.8	4781.4
32.5°	5189.3	5121.1	4719.9	3767.4	3381.6	3267.2	3294.6	3299.7	3397.0	3810.1	4878.7
35°	5409.5	5320.8	4827.5	3861.3	3873.2	4066.1	4165.1	4032.0	3705.9	3878.4	5063.0
37.5°	5742.4	5629.8	5046.0	4267.6	4888.9	5320.8	5559.8	5255.9	4644.8	4136.1	5341.3
40°	6147.0	6003.6	5325.9	5018.6	5838.0	6529.4	6954.4	6508.9	5611.0	4779.7	5732.2
42.5°	6712.0	6561.8	5868.7	5756.1	6717.1	7746.5	8301.2	7637.2	6462.8	5611.0	6358.7
45°	7697.0	7551.9	6863.9	6495.2	7746.5	9245.2	10023.6	9100.1	7328.2	6445.7	7529.7
47.5°	9516.6	9345.9	8342.2	7314.6	8920.9	11191.2	12280.3	10935.2	8227.8	7401.6	9496.2
50°	11701.6	11537.8	10197.7	8284.2	10218.2	13272.1	14786.2	13091.1	9264.0	8564.1	11846.7
52.5°	14330.4	14299.7	12845.3	9509.8	11568.5	15491.2	17567.0	15479.3	10399.2	10129.5	14509.7
55°	16699.8	17000.2	16208.2	11379.0	13313.1	18278.8	20426.2	18084.2	11938.9	12717.3	17628.4
57.5°	17976.6	18784.1	20001.2	15192.5	15849.7	21610.9	23954.6	21264.4	14584.8	17025.8	20520.1
60°	17133.4	18048.3	20253.8	18063.7	18365.8	24280.7	26866.8	23937.6	17182.9	20016.5	20356.2
62.5°	15730.2	16551.3	18512.6	16387.4	18755.0	24867.9	26935.1	24403.6	18215.6	18499.0	18388.0
65°	14065.9	14893.8	16971.2	14304.8	17517.4	23473.2	24948.1	23032.8	16360.1	16713.4	16754.4
67.5°	11855.3	12620.0	14735.0	12719.0	15967.5	21426.5	21897.7	21080.0	15066.2	15629.5	15040.6
70°	8857.7	9547.4	11414.8	10336.0	13459.9	18760.2	18379.5	18500.7	13613.5	14173.4	12563.7
72.5°	6053.1	6572.0	8173.2	8122.0	10307.0	15018.4	14487.5	15636.3	11370.5	12113.0	9578.1
75°	4233.4	4638.0	5908.0	6416.7	7790.8	11131.5	10317.2	11703.3	8879.9	9940.0	6988.5
77.5°	2598.1	2866.1	3731.5	4754.1	5011.8	7618.4	6408.2	8806.5	6235.7	7249.7	4661.9
80°	1299.0	1428.8	1812.9	2989.0	3323.6	4489.5	3538.7	5112.5	4219.8	4489.5	2579.3
82.5°	392.6	433.6	530.9	1135.2	1722.4	2584.4	2091.1	2970.2	2304.5	2104.8	1015.7
85°	104.1	117.8	146.8	336.3	604.3	926.9	706.7	1439.0	1104.4	776.7	382.4
87.5°	8.5	8.5	6.8	6.8	3.4	0.0	0.0	102.4	206.5	117.8	66.6
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°	2992.4	2992.4	2992.4	2992.4	2992.4	2992.4	2992.4	2992.4	2992.4	2992.4	2992.4
2.5°	3258.7	3251.9	3181.9	3130.7	3070.9	3012.9	2953.1	2900.2	2840.5	2780.7	2763.7
5°	3521.6	3473.8	3325.3	3200.7	3077.8	2970.2	2876.3	2779.0	2700.5	2623.7	2594.7
7.5°	3753.7	3670.1	3455.0	3265.5	3094.8	2961.7	2823.4	2681.7	2570.8	2461.5	2434.2
10°	3963.7	3852.7	3581.3	3342.3	3152.9	3000.9	2838.8	2649.3	2488.8	2355.7	2319.8
12.5°	4119.0	3997.8	3690.6	3415.7	3200.7	3030.0	2869.5	2702.2	2533.2	2360.8	2321.5
15°	4241.9	4115.6	3781.1	3472.1	3202.4	2982.2	2826.8	2768.8	2715.9	2546.9	2475.2
17.5°	4341.0	4207.8	3859.6	3506.2	3156.3	2837.1	2702.2	2787.6	2922.4	2816.6	2681.7
20°	4431.4	4296.6	3919.3	3530.1	3053.9	2637.3	2562.2	2743.2	2946.3	2942.9	2821.7
22.5°	4530.4	4399.0	4006.4	3543.8	2910.5	2434.2	2478.6	2678.3	2843.9	2893.4	2818.3
25°	4656.8	4540.7	4127.6	3574.5	2748.3	2294.2	2417.1	2594.7	2732.9	2744.9	2700.5
27.5°	4803.6	4716.5	4308.5	3646.2	2591.3	2222.5	2345.4	2476.9	2603.2	2608.3	2555.4
30°	4964.0	4906.0	4475.8	3705.9	2473.5	2200.3	2253.3	2359.1	2439.3	2453.0	2406.9
32.5°	5168.9	5117.6	4624.3	3666.7	2403.5	2195.2	2167.9	2222.5	2289.1	2289.1	2253.3
35°	5450.5	5378.8	4781.4	3516.5	2318.1	2174.7	2077.4	2092.8	2121.8	2126.9	2106.5
37.5°	5850.0	5732.2	4940.1	3219.4	2178.2	2101.3	1973.3	1954.5	1964.8	1978.4	1973.3
40°	6345.0	6152.1	5172.3	2862.7	2010.9	1959.7	1865.8	1829.9	1821.4	1848.7	1858.9
42.5°	6968.1	6672.7	5421.5	2529.8	1858.9	1797.5	1739.5	1708.7	1695.1	1741.2	1768.5
45°	7963.3	7476.8	5660.5	2200.3	1773.6	1659.2	1620.0	1597.8	1604.6	1659.2	1693.4
47.5°	9682.2	8704.1	5887.5	1992.1	1766.8	1560.2	1512.4	1517.5	1536.3	1594.4	1635.3
50°	11857.0	10348.0	6039.4	1905.0	1787.3	1500.5	1437.3	1464.6	1493.6	1550.0	1597.8
52.5°	14071.0	11879.2	5858.5	1857.2	1785.5	1502.2	1367.3	1449.3	1462.9	1519.2	1570.5
55°	15593.6	12049.9	5061.3	1783.8	1758.2	1570.5	1312.7	1442.4	1451.0	1502.2	1548.3
57.5°	16174.0	11466.1	3859.6	1804.3	1676.3	1623.4	1288.8	1394.6	1456.1	1500.5	1548.3
60°	15472.4	10365.0	2345.4	1857.2	1544.9	1620.0	1304.2	1307.6	1413.4	1488.5	1536.3
62.5°	14149.5	8951.6	1647.3	1707.0	1449.3	1529.5	1340.0	1205.2	1338.3	1428.8	1471.5
65°	12633.7	7289.0	1256.4	1469.7	1403.2	1389.5	1352.0	1114.7	1235.9	1324.6	1362.2
67.5°	11054.7	5665.6	1020.8	1095.9	1268.3	1256.4	1235.9	1034.5	1114.7	1177.8	1220.5
70°	9066.0	3963.7	862.0	822.8	1087.4	1126.6	1080.5	933.7	959.3	1024.2	1058.4
72.5°	6631.8	2470.1	708.4	679.4	874.0	985.0	961.1	822.8	834.7	896.2	923.5
75°	4769.4	1413.4	568.4	559.9	667.4	843.3	795.5	708.4	722.1	768.2	786.9
77.5°	3031.7	786.9	438.7	450.7	478.0	629.9	679.4	606.0	606.0	633.3	648.7
80°	1623.4	450.7	320.9	326.0	334.6	481.4	536.0	469.4	469.4	450.7	469.4
82.5°	662.3	259.5	220.2	204.8	223.6	329.5	375.5	298.7	312.4	281.7	288.5
85°	218.5	129.7	109.2	107.5	105.8	145.1	180.9	148.5	177.5	112.7	117.8
87.5°	29.0	23.9	13.7	10.2	11.9	5.1	10.2	11.9	11.9	8.5	8.5
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°	2992.4	2992.4	2992.4	2992.4	2992.4	2992.4	2992.4	2992.4	2992.4	2992.4	2992.4
2.5°	2751.7	2738.1	2688.6	2700.5	2692.0	2678.3	2692.0	2666.4	2686.9	2693.7	2736.4
5°	2572.5	2540.0	2492.3	2468.4	2463.2	2449.6	2451.3	2439.3	2442.7	2471.8	2519.6
7.5°	2412.0	2381.3	2343.7	2326.7	2311.3	2295.9	2294.2	2292.5	2306.2	2331.8	2377.9
10°	2295.9	2278.9	2263.5	2270.3	2263.5	2256.7	2244.7	2244.7	2266.9	2313.0	2369.3
12.5°	2295.9	2292.5	2295.9	2316.4	2314.7	2316.4	2301.1	2309.6	2371.1	2449.6	2529.8
15°	2418.8	2391.5	2391.5	2401.8	2398.4	2398.4	2398.4	2434.2	2574.2	2695.4	2780.7
17.5°	2569.1	2488.8	2454.7	2449.6	2447.9	2447.9	2454.7	2531.5	2750.0	2878.0	2927.5
20°	2673.2	2521.3	2464.9	2442.7	2444.5	2447.9	2468.4	2574.2	2814.9	2879.7	2867.8
22.5°	2692.0	2495.7	2427.4	2395.0	2400.1	2403.5	2434.2	2546.9	2726.1	2736.4	2712.5
25°	2604.9	2424.0	2350.6	2325.0	2331.8	2330.1	2357.4	2439.3	2567.4	2563.9	2550.3
27.5°	2475.2	2309.6	2255.0	2237.9	2249.9	2236.2	2244.7	2307.9	2406.9	2403.5	2398.4
30°	2342.0	2198.6	2149.1	2140.6	2156.0	2135.5	2137.2	2190.1	2258.4	2255.0	2253.3
32.5°	2208.9	2087.7	2043.3	2043.3	2058.7	2036.5	2039.9	2086.0	2132.1	2118.4	2118.4
35°	2082.6	1997.2	1961.4	1954.5	1966.5	1951.1	1958.0	2000.6	2017.7	1998.9	1987.0
37.5°	1971.6	1934.1	1898.2	1874.3	1876.0	1877.7	1898.2	1930.6	1920.4	1893.1	1877.7
40°	1869.2	1869.2	1835.0	1790.7	1785.5	1797.5	1831.6	1867.5	1838.5	1807.7	1789.0
42.5°	1795.8	1811.1	1778.7	1734.3	1724.1	1744.6	1782.1	1807.7	1773.6	1739.5	1713.8
45°	1727.5	1765.1	1742.9	1693.4	1679.7	1703.6	1751.4	1761.6	1715.6	1683.1	1664.3
47.5°	1679.7	1730.9	1715.6	1667.8	1647.3	1681.4	1730.9	1729.2	1671.2	1637.0	1621.7
50°	1645.6	1710.4	1708.7	1667.8	1645.6	1688.2	1732.6	1710.4	1647.3	1611.4	1596.1
52.5°	1618.3	1708.7	1720.7	1696.8	1681.4	1719.0	1746.3	1703.6	1630.2	1592.7	1580.7
55°	1606.3	1715.6	1724.1	1701.9	1688.2	1722.4	1746.3	1717.3	1630.2	1596.1	1585.8
57.5°	1609.7	1707.0	1708.7	1678.0	1654.1	1696.8	1734.3	1725.8	1649.0	1609.7	1597.8
60°	1589.2	1660.9	1664.3	1616.5	1589.2	1640.4	1707.0	1701.9	1640.4	1599.5	1577.3
62.5°	1521.0	1584.1	1585.8	1541.4	1502.2	1575.6	1649.0	1647.3	1590.9	1550.0	1524.4
65°	1406.6	1473.2	1490.2	1447.6	1416.8	1495.4	1572.2	1568.8	1512.4	1474.9	1449.3
67.5°	1264.9	1336.6	1369.0	1340.0	1328.1	1399.8	1471.5	1469.7	1423.7	1387.8	1365.6
70°	1092.5	1152.2	1206.9	1206.9	1198.3	1280.3	1357.1	1350.3	1307.6	1280.3	1263.2
72.5°	949.1	995.2	1012.3	1029.3	1054.9	1140.3	1205.2	1210.3	1179.6	1165.9	1179.6
75°	807.4	836.4	851.8	838.1	882.5	971.3	1056.6	1065.2	1032.7	1010.6	1015.7
77.5°	664.0	696.5	711.8	681.1	677.7	790.4	894.5	913.3	885.9	851.8	862.0
80°	479.7	522.3	548.0	527.5	520.6	570.1	713.5	734.0	708.4	681.1	696.5
82.5°	293.6	317.5	324.3	344.8	387.5	408.0	459.2	527.5	508.7	484.8	527.5
85°	116.1	138.3	153.6	174.1	203.1	240.7	283.4	338.0	307.3	297.0	349.9
87.5°	6.8	1.7	0.0	3.4	29.0	56.3	121.2	167.3	140.0	150.2	180.9
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°	2992.4	2992.4	2992.4	2992.4	2992.4	2992.4	2992.4	2992.4	2992.4	2992.4
2.5°	2770.5	2814.9	2874.6	2924.1	2987.3	3047.0	3108.5	3169.9	3202.4	3216.0
5°	2574.2	2656.1	2751.7	2857.6	2980.5	3110.2	3241.6	3376.5	3461.8	3468.7
7.5°	2456.4	2574.2	2705.6	2838.8	2990.7	3169.9	3378.2	3586.5	3673.5	3697.4
10°	2494.0	2625.4	2729.5	2854.1	3021.4	3245.0	3490.9	3735.0	3835.7	3864.7
12.5°	2644.2	2669.8	2702.2	2816.6	3021.4	3309.9	3606.9	3897.1	4004.7	4032.0
15°	2768.8	2645.9	2587.8	2709.0	2980.5	3366.2	3729.8	4050.8	4180.5	4206.1
17.5°	2779.0	2567.4	2441.0	2550.3	2908.8	3405.5	3847.6	4221.5	4330.7	4354.6
20°	2674.9	2483.7	2319.8	2386.4	2811.5	3422.6	3933.0	4346.1	4453.6	4477.5
22.5°	2557.1	2415.4	2237.9	2234.5	2693.7	3441.4	4035.4	4463.9	4579.9	4595.3
25°	2446.2	2321.5	2171.3	2123.5	2557.1	3477.2	4173.7	4641.4	4730.2	4735.3
27.5°	2316.4	2220.8	2118.4	2072.3	2437.6	3545.5	4378.5	4853.1	4906.0	4897.4
30°	2198.6	2126.9	2080.9	2067.2	2362.5	3596.7	4573.1	5061.3	5064.7	5035.7
32.5°	2074.0	2046.7	2046.7	2091.1	2301.1	3584.7	4731.9	5264.5	5232.0	5189.3
35°	1963.1	1968.2	2004.0	2108.2	2198.6	3465.3	4883.8	5518.8	5471.0	5409.5
37.5°	1857.2	1896.5	1947.7	2048.4	2063.8	3287.7	5061.3	5879.0	5819.2	5742.4
40°	1766.8	1826.5	1886.3	1935.8	1920.4	3035.1	5308.8	6302.3	6235.7	6147.0
42.5°	1695.1	1753.1	1819.7	1824.8	1829.9	2772.2	5571.7	6821.3	6809.3	6712.0
45°	1649.0	1686.5	1749.7	1741.2	1824.8	2482.0	5814.1	7613.3	7770.4	7697.0
47.5°	1618.3	1647.3	1654.1	1690.0	1869.2	2222.5	6126.5	9163.3	9600.3	9516.6
50°	1601.2	1630.2	1553.4	1693.4	1876.0	2055.3	6558.4	11109.3	11812.6	11701.6
52.5°	1599.5	1592.7	1476.6	1729.2	1838.5	1952.8	6783.7	12529.5	14089.7	14330.4
55°	1602.9	1517.5	1437.3	1739.5	1763.4	1915.3	6029.2	13212.3	16191.1	16699.8
57.5°	1572.2	1435.6	1459.5	1698.5	1621.7	2016.0	4457.0	12968.2	17030.9	17976.6
60°	1514.1	1357.1	1500.5	1587.5	1476.6	1843.6	3069.2	11879.2	16160.4	17133.4
62.5°	1430.5	1302.5	1495.4	1444.1	1423.7	1509.0	2109.9	10354.8	14779.4	15730.2
65°	1336.6	1258.1	1415.1	1305.9	1317.8	1160.8	1491.9	8634.1	13130.4	14065.9
67.5°	1235.9	1230.8	1297.3	1162.5	1113.0	920.1	1087.4	6920.3	11012.0	11855.3
70°	1121.5	1159.1	1179.6	1032.7	903.0	722.1	807.4	4839.4	8123.7	8857.7
72.5°	1007.1	1010.6	1039.6	897.9	676.0	578.7	606.0	2931.0	5518.8	6053.1
75°	891.1	858.6	885.9	730.6	503.6	474.6	467.7	1811.1	3811.8	4233.4
77.5°	766.5	730.6	694.8	549.7	404.6	367.0	358.5	1015.7	2338.6	2598.1
80°	623.1	575.3	518.9	402.9	295.3	262.9	261.2	495.0	1165.9	1299.0
82.5°	484.8	394.3	379.0	250.9	182.7	160.5	170.7	189.5	351.6	392.6
85°	339.7	286.8	201.4	100.7	81.9	66.6	64.9	56.3	93.9	104.1
87.5°	189.5	124.6	64.9	11.9	13.7	15.4	11.9	8.5	8.5	8.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)