

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: P636341

Luminaire Tested: GWS-SA3F-750-U-SLR-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P636341
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-SA3F-750-U-SLR-W
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT OPTICS
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23681.4 lumens
Efficiency: N/A
Efficacy: 129.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G4

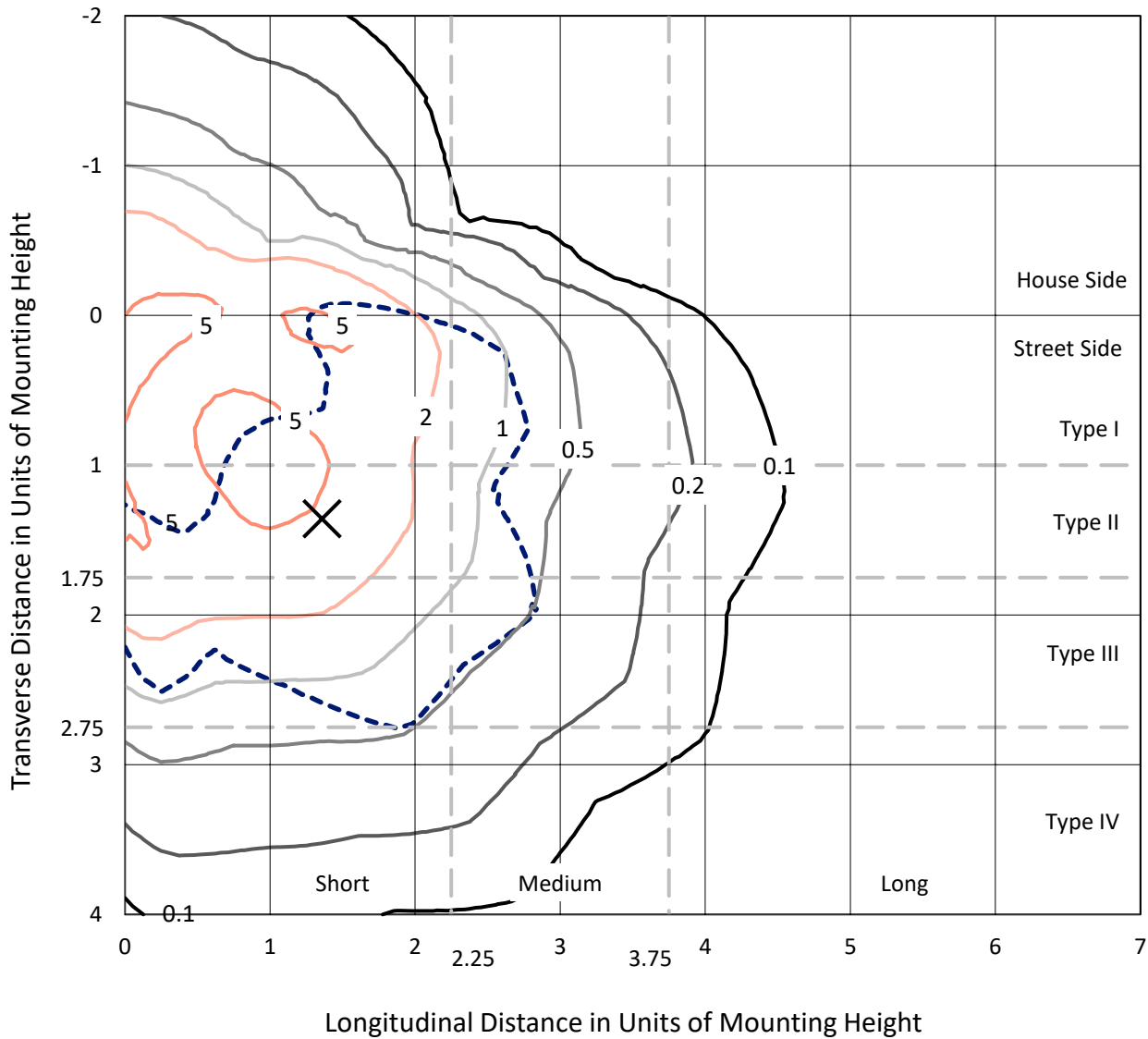
Input Watts (W): 183.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

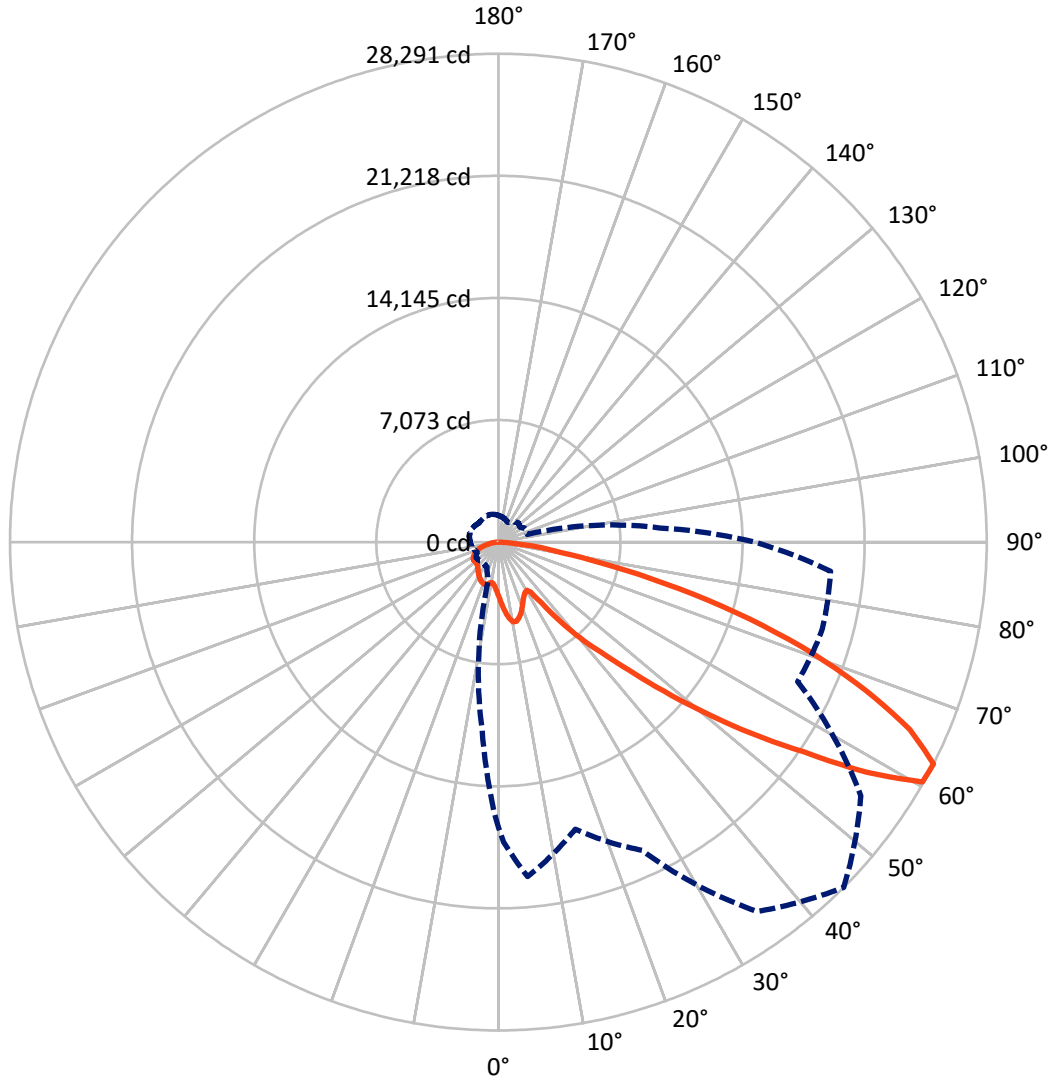
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.2 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
House Side	Lumens	5650.8	0.0	5650.8
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	18030.6	0.0	18030.6
	% Fixture	76.1	0.0	76.1
Total	Lumens	23681.4	0.0	23681.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	307.0	1.3
10°-20°	962.2	4.1
20°-30°	1494.6	6.3
30°-40°	2029.3	8.6
40°-50°	3216.2	13.6
50°-60°	5673.4	24.0
60°-70°	6312.5	26.7
70°-80°	3201.5	13.5
80°-90°	484.8	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°	23681.4	100.0
0°-180°	23681.4	100.0

Coefficient of Utilization



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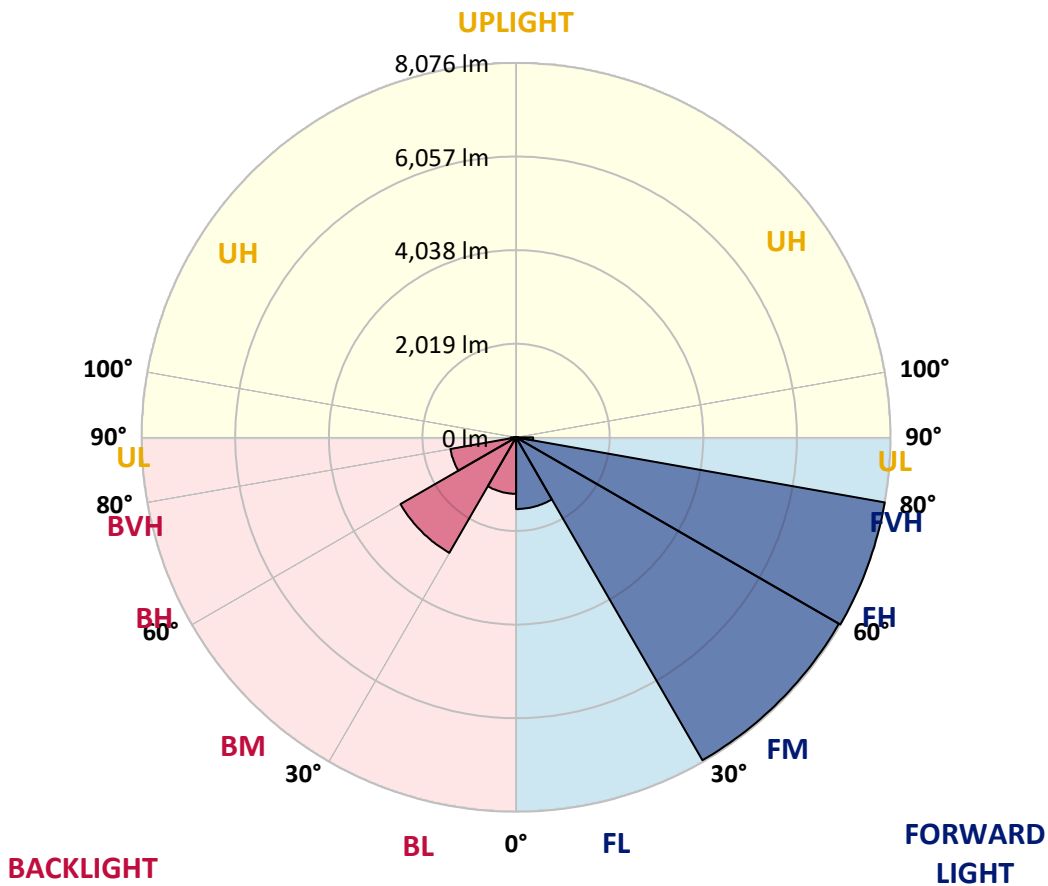
CATALOG NUMBER: GWS-SA3F-750-U-SLR-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1546.2	6.5			
FM (30°-60°)	8040.9	34.0			
FH (60°-80°)	8075.6	34.1			G4/12000
FVH (80°-90°)	368.0	1.6			G3/500
BL (0°-30°)	1217.6	5.1	B3/2500		
BM (30°-60°)	2878.0	12.2	B3/5000		
BH (60°-80°)	1438.4	6.1	B3/2500		G3/2500
BVH (80°-90°)	116.8	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°	3143.0	3143.0	3143.0	3143.0	3143.0	3143.0	3143.0	3143.0	3143.0	3143.0	3143.0
2.5°	3377.9	3376.1	3410.2	3462.1	3510.6	3532.1	3567.9	3564.3	3535.7	3498.0	3485.5
5°	3643.2	3650.4	3709.6	3824.3	3951.6	4005.4	4028.7	4019.7	3967.8	3901.4	3784.9
7.5°	3883.5	3896.0	3987.5	4159.6	4317.4	4389.1	4446.5	4435.7	4360.4	4236.7	4064.6
10°	4059.2	4073.5	4182.9	4385.5	4561.2	4624.0	4697.5	4701.1	4634.7	4468.0	4292.3
12.5°	4234.9	4249.2	4351.4	4536.1	4650.9	4652.7	4695.7	4719.0	4722.6	4645.5	4469.8
15°	4417.8	4430.3	4523.6	4627.6	4622.2	4521.8	4521.8	4566.6	4665.2	4720.8	4598.9
17.5°	4573.8	4589.9	4661.6	4627.6	4468.0	4286.9	4265.4	4322.8	4494.9	4708.2	4695.7
20°	4702.9	4715.4	4754.8	4528.9	4238.5	4001.8	3960.6	4026.9	4260.0	4631.1	4769.2
22.5°	4826.6	4833.7	4812.2	4399.8	3991.1	3720.3	3670.1	3740.1	3991.1	4494.9	4831.9
25°	4973.6	4966.4	4864.2	4265.4	3765.2	3498.0	3446.0	3524.9	3786.7	4313.8	4900.1
27.5°	5143.9	5117.0	4909.0	4120.2	3591.2	3333.1	3297.2	3381.5	3625.3	4147.0	4953.9
30°	5289.1	5237.1	4916.2	3991.1	3501.6	3263.1	3241.6	3320.5	3546.4	4034.1	5022.0
32.5°	5450.5	5378.8	4957.5	3957.0	3551.8	3431.7	3460.4	3465.7	3567.9	4001.8	5124.2
35°	5681.8	5588.6	5070.4	4055.6	4068.2	4270.8	4374.7	4234.9	3892.4	4073.5	5317.8
37.5°	6031.4	5913.1	5299.9	4482.3	5135.0	5588.6	5839.6	5520.4	4878.6	4344.3	5610.1
40°	6456.3	6305.7	5593.9	5271.2	6131.8	6858.0	7304.4	6836.4	5893.4	5020.2	6020.7
42.5°	7049.8	6892.0	6164.1	6045.8	7055.2	8136.3	8719.0	8021.6	6788.0	5893.4	6678.7
45°	8084.3	7931.9	7209.4	6822.1	8136.3	9710.5	10528.1	9558.1	7697.0	6770.1	7908.6
47.5°	9995.6	9816.3	8762.0	7682.7	9369.8	11754.4	12898.3	11485.5	8641.9	7774.1	9974.1
50°	12290.5	12118.4	10711.0	8701.1	10732.5	13940.0	15530.4	13750.0	9730.2	8995.1	12442.9
52.5°	15051.6	15019.4	13491.8	9988.4	12150.7	16270.8	18451.0	16258.3	10922.5	10639.2	15239.9
55°	17540.2	17855.8	17023.9	11951.7	13983.1	19198.7	21454.2	18994.3	12539.7	13357.3	18515.6
57.5°	18881.3	19729.4	21007.8	15957.1	16647.4	22698.5	25160.2	22334.5	15318.8	17882.7	21552.8
60°	17995.6	18956.6	21273.1	18972.8	19290.1	25502.6	28218.9	25142.3	18047.6	21023.9	21380.7
62.5°	16521.8	17384.2	19444.3	17212.1	19698.9	26119.4	28290.6	25631.7	19132.4	19430.0	19313.4
65°	14773.7	15643.3	17825.3	15024.7	18399.0	24654.6	26203.7	24192.0	17183.4	17554.6	17597.6
67.5°	12451.9	13255.1	15476.6	13359.1	16771.1	22504.9	22999.7	22140.9	15824.4	16416.1	15797.5
70°	9303.5	10027.9	11989.3	10856.2	14137.2	19704.3	19304.5	19431.8	14298.6	14886.7	13196.0
72.5°	6357.7	6902.8	8584.5	8530.8	10825.7	15774.2	15216.6	16423.2	11942.7	12722.6	10060.1
75°	4446.5	4871.4	6205.3	6739.6	8182.9	11691.7	10836.5	12292.3	9326.8	10440.2	7340.3
77.5°	2728.8	3010.3	3919.3	4993.3	5264.0	8001.8	6730.7	9249.7	6549.6	7614.6	4896.5
80°	1364.4	1500.7	1904.1	3139.4	3490.8	4715.4	3716.7	5369.8	4432.1	4715.4	2709.1
82.5°	412.4	455.4	557.6	1192.3	1809.1	2714.5	2196.3	3119.7	2420.5	2210.7	1066.8
85°	109.4	123.7	154.2	353.2	634.7	973.6	742.3	1511.4	1160.0	815.8	401.6
87.5°	9.0	9.0	7.2	7.2	3.6	0.0	0.0	107.6	216.9	123.7	69.9
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3143.0	3143.0	3143.0	3143.0	3143.0	3143.0	3143.0	3143.0	3143.0	3143.0	3143.0
2.5°	3422.7	3415.5	3342.0	3288.2	3225.5	3164.5	3101.8	3046.2	2983.4	2920.7	2902.8
5°	3698.8	3648.6	3492.6	3361.7	3232.7	3119.7	3021.1	2918.9	2836.4	2755.7	2725.3
7.5°	3942.7	3854.8	3628.9	3429.9	3250.6	3110.7	2965.5	2816.7	2700.2	2585.4	2556.7
10°	4163.2	4046.6	3761.6	3510.6	3311.5	3152.0	2981.6	2782.6	2614.1	2474.2	2436.6
12.5°	4326.3	4199.0	3876.3	3587.7	3361.7	3182.4	3013.9	2838.2	2660.7	2479.6	2438.4
15°	4455.4	4322.8	3971.3	3646.8	3363.5	3132.2	2969.1	2908.1	2852.6	2675.1	2599.7
17.5°	4559.4	4419.6	4053.8	3682.7	3315.1	2979.8	2838.2	2927.9	3069.5	2958.3	2816.7
20°	4654.4	4512.8	4116.6	3707.8	3207.6	2770.1	2691.2	2881.2	3094.6	3091.0	2963.7
22.5°	4758.4	4620.4	4208.0	3722.1	3056.9	2556.7	2603.3	2813.1	2987.0	3039.0	2960.1
25°	4891.1	4769.2	4335.3	3754.4	2886.6	2409.7	2538.8	2725.3	2870.5	2883.0	2836.4
27.5°	5045.3	4953.9	4525.4	3829.7	2721.7	2334.4	2463.5	2601.5	2734.2	2739.6	2684.0
30°	5213.8	5152.9	4701.1	3892.4	2598.0	2311.1	2366.7	2477.8	2562.1	2576.4	2528.0
32.5°	5429.0	5375.2	4857.0	3851.2	2524.4	2305.7	2277.0	2334.4	2404.3	2404.3	2366.7
35°	5724.8	5649.5	5022.0	3693.4	2434.8	2284.2	2182.0	2198.1	2228.6	2234.0	2212.5
37.5°	6144.4	6020.7	5188.7	3381.5	2287.8	2207.1	2072.6	2052.9	2063.7	2078.0	2072.6
40°	6664.3	6461.7	5432.6	3006.7	2112.1	2058.3	1959.7	1922.0	1913.1	1941.7	1952.5
42.5°	7318.7	7008.6	5694.3	2657.1	1952.5	1888.0	1827.0	1794.7	1780.4	1828.8	1857.5
45°	8364.0	7853.0	5945.4	2311.1	1862.9	1742.7	1701.5	1678.2	1685.4	1742.7	1778.6
47.5°	10169.5	9142.1	6183.8	2092.3	1855.7	1638.7	1588.5	1593.9	1613.6	1674.6	1717.6
50°	12453.7	10868.7	6343.4	2000.9	1877.2	1576.0	1509.6	1538.3	1568.8	1628.0	1678.2
52.5°	14779.1	12477.0	6153.3	1950.7	1875.4	1577.8	1436.1	1522.2	1536.5	1595.7	1649.5
55°	16378.4	12656.3	5316.0	1873.6	1846.7	1649.5	1378.8	1515.0	1524.0	1577.8	1626.2
57.5°	16988.0	12043.1	4053.8	1895.1	1760.7	1705.1	1353.7	1464.8	1529.4	1576.0	1626.2
60°	16251.1	10886.7	2463.5	1950.7	1622.6	1701.5	1369.8	1373.4	1484.5	1563.4	1613.6
62.5°	14861.6	9402.1	1730.2	1792.9	1522.2	1606.5	1407.4	1265.8	1405.7	1500.7	1545.5
65°	13269.5	7655.8	1319.6	1543.7	1473.8	1459.4	1420.0	1170.8	1298.1	1391.3	1430.8
67.5°	11611.0	5950.7	1072.2	1151.1	1332.1	1319.6	1298.1	1086.5	1170.8	1237.1	1281.9
70°	9522.2	4163.2	905.4	864.2	1142.1	1183.3	1134.9	980.7	1007.6	1075.8	1111.6
72.5°	6965.5	2594.4	744.1	713.6	918.0	1034.5	1009.4	864.2	876.7	941.3	970.0
75°	5009.4	1484.5	597.0	588.1	701.0	885.7	835.5	744.1	758.4	806.8	826.5
77.5°	3184.2	826.5	460.8	473.3	502.0	661.6	713.6	636.5	636.5	665.2	681.3
80°	1705.1	473.3	337.1	342.4	351.4	505.6	563.0	493.1	493.1	473.3	493.1
82.5°	695.7	272.5	231.3	215.2	234.9	346.0	394.4	313.8	328.1	295.8	303.0
85°	229.5	136.3	114.7	113.0	111.2	152.4	190.1	156.0	186.5	118.3	123.7
87.5°	30.5	25.1	14.3	10.8	12.6	5.4	10.8	12.6	12.6	9.0	9.0
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°	3143.0	3143.0	3143.0	3143.0	3143.0	3143.0	3143.0	3143.0	3143.0	3143.0	3143.0
2.5°	2890.2	2875.9	2823.9	2836.4	2827.4	2813.1	2827.4	2800.6	2822.1	2829.2	2874.1
5°	2701.9	2667.9	2617.7	2592.6	2587.2	2572.9	2574.6	2562.1	2565.7	2596.2	2646.4
7.5°	2533.4	2501.1	2461.7	2443.8	2427.6	2411.5	2409.7	2407.9	2422.2	2449.1	2497.6
10°	2411.5	2393.6	2377.4	2384.6	2377.4	2370.3	2357.7	2357.7	2381.0	2429.4	2488.6
12.5°	2411.5	2407.9	2411.5	2433.0	2431.2	2433.0	2416.9	2425.8	2490.4	2572.9	2657.1
15°	2540.6	2511.9	2511.9	2522.7	2519.1	2519.1	2519.1	2556.7	2703.7	2831.0	2920.7
17.5°	2698.4	2614.1	2578.2	2572.9	2571.1	2571.1	2578.2	2658.9	2888.4	3022.9	3074.9
20°	2807.7	2648.2	2589.0	2565.7	2567.5	2571.1	2592.6	2703.7	2956.5	3024.7	3012.1
22.5°	2827.4	2621.3	2549.5	2515.5	2520.9	2524.4	2556.7	2675.1	2863.3	2874.1	2849.0
25°	2736.0	2546.0	2468.9	2442.0	2449.1	2447.3	2476.0	2562.1	2696.6	2693.0	2678.6
27.5°	2599.7	2425.8	2368.5	2350.5	2363.1	2348.7	2357.7	2424.0	2528.0	2524.4	2519.1
30°	2459.9	2309.3	2257.3	2248.3	2264.5	2243.0	2244.7	2300.3	2372.0	2368.5	2366.7
32.5°	2320.1	2192.8	2146.1	2146.1	2162.3	2139.0	2142.6	2191.0	2239.4	2225.0	2225.0
35°	2187.4	2097.7	2060.1	2052.9	2065.5	2049.3	2056.5	2101.3	2119.2	2099.5	2087.0
37.5°	2070.8	2031.4	1993.7	1968.6	1970.4	1972.2	1993.7	2027.8	2017.0	1988.4	1972.2
40°	1963.3	1963.3	1927.4	1880.8	1875.4	1888.0	1923.8	1961.5	1931.0	1898.7	1879.0
42.5°	1886.2	1902.3	1868.2	1821.6	1810.9	1832.4	1871.8	1898.7	1862.9	1827.0	1800.1
45°	1814.4	1853.9	1830.6	1778.6	1764.2	1789.3	1839.5	1850.3	1801.9	1767.8	1748.1
47.5°	1764.2	1818.0	1801.9	1751.7	1730.2	1766.0	1818.0	1816.2	1755.3	1719.4	1703.3
50°	1728.4	1796.5	1794.7	1751.7	1728.4	1773.2	1819.8	1796.5	1730.2	1692.5	1676.4
52.5°	1699.7	1794.7	1807.3	1782.2	1766.0	1805.5	1834.2	1789.3	1712.2	1672.8	1660.3
55°	1687.1	1801.9	1810.9	1787.6	1773.2	1809.1	1834.2	1803.7	1712.2	1676.4	1665.6
57.5°	1690.7	1792.9	1794.7	1762.4	1737.3	1782.2	1821.6	1812.7	1732.0	1690.7	1678.2
60°	1669.2	1744.5	1748.1	1697.9	1669.2	1723.0	1792.9	1787.6	1723.0	1680.0	1656.7
62.5°	1597.5	1663.8	1665.6	1619.0	1577.8	1654.9	1732.0	1730.2	1671.0	1628.0	1601.1
65°	1477.4	1547.3	1565.2	1520.4	1488.1	1570.6	1651.3	1647.7	1588.5	1549.1	1522.2
67.5°	1328.6	1403.9	1437.9	1407.4	1394.9	1470.2	1545.5	1543.7	1495.3	1457.7	1434.3
70°	1147.5	1210.2	1267.6	1267.6	1258.6	1344.7	1425.4	1418.2	1373.4	1344.7	1326.8
72.5°	996.9	1045.3	1063.2	1081.1	1108.0	1197.7	1265.8	1271.2	1238.9	1224.6	1238.9
75°	848.1	878.5	894.7	880.3	926.9	1020.2	1109.8	1118.8	1084.7	1061.4	1066.8
77.5°	697.4	731.5	747.7	715.4	711.8	830.1	939.5	959.2	930.5	894.7	905.4
80°	503.8	548.6	575.5	554.0	546.8	598.8	749.4	771.0	744.1	715.4	731.5
82.5°	308.4	333.5	340.7	362.2	407.0	428.5	482.3	554.0	534.3	509.2	554.0
85°	121.9	145.2	161.4	182.9	213.4	252.8	297.6	355.0	322.7	312.0	367.6
87.5°	7.2	1.8	0.0	3.6	30.5	59.2	127.3	175.7	147.0	157.8	190.1
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3143.0	3143.0	3143.0	3143.0	3143.0	3143.0	3143.0	3143.0	3143.0	3143.0
2.5°	2909.9	2956.5	3019.3	3071.3	3137.6	3200.4	3264.9	3329.5	3363.5	3377.9
5°	2703.7	2789.8	2890.2	3001.4	3130.5	3266.7	3404.8	3546.4	3636.1	3643.2
7.5°	2580.0	2703.7	2841.8	2981.6	3141.2	3329.5	3548.2	3766.9	3858.4	3883.5
10°	2619.5	2757.5	2866.9	2997.8	3173.5	3408.4	3666.5	3922.9	4028.7	4059.2
12.5°	2777.2	2804.1	2838.2	2958.3	3173.5	3476.5	3788.5	4093.3	4206.2	4234.9
15°	2908.1	2779.0	2718.1	2845.4	3130.5	3535.7	3917.6	4254.6	4390.9	4417.8
17.5°	2918.9	2696.6	2563.9	2678.6	3055.2	3576.9	4041.3	4433.9	4548.7	4573.8
20°	2809.5	2608.7	2436.6	2506.5	2953.0	3594.8	4130.9	4564.8	4677.8	4702.9
22.5°	2685.8	2537.0	2350.5	2346.9	2829.2	3614.5	4238.5	4688.5	4810.4	4826.6
25°	2569.3	2438.4	2280.6	2230.4	2685.8	3652.2	4383.7	4875.0	4968.2	4973.6
27.5°	2433.0	2332.6	2225.0	2176.6	2560.3	3723.9	4598.9	5097.3	5152.9	5143.9
30°	2309.3	2234.0	2185.6	2171.2	2481.4	3777.7	4803.3	5316.0	5319.6	5289.1
32.5°	2178.4	2149.7	2149.7	2196.3	2416.9	3765.2	4970.0	5529.4	5495.3	5450.5
35°	2061.9	2067.2	2104.9	2214.3	2309.3	3639.6	5129.6	5796.5	5746.3	5681.8
37.5°	1950.7	1991.9	2045.7	2151.5	2167.7	3453.2	5316.0	6174.8	6112.1	6031.4
40°	1855.7	1918.4	1981.2	2033.2	2017.0	3187.8	5576.0	6619.5	6549.6	6456.3
42.5°	1780.4	1841.3	1911.3	1916.6	1922.0	2911.7	5852.1	7164.5	7152.0	7049.8
45°	1732.0	1771.4	1837.8	1828.8	1916.6	2606.9	6106.7	7996.5	8161.4	8084.3
47.5°	1699.7	1730.2	1737.3	1775.0	1963.3	2334.4	6434.8	9624.4	10083.4	9995.6
50°	1681.8	1712.2	1631.6	1778.6	1970.4	2158.7	6888.4	11668.4	12407.1	12290.5
52.5°	1680.0	1672.8	1550.9	1816.2	1931.0	2051.1	7125.1	13160.1	14798.8	15051.6
55°	1683.6	1593.9	1509.6	1827.0	1852.1	2011.7	6332.6	13877.3	17005.9	17540.2
57.5°	1651.3	1507.9	1533.0	1784.0	1703.3	2117.4	4681.3	13620.9	17888.1	18881.3
60°	1590.3	1425.4	1576.0	1667.4	1550.9	1936.4	3223.7	12477.0	16973.7	17995.6
62.5°	1502.5	1368.0	1570.6	1516.8	1495.3	1584.9	2216.1	10875.9	15523.2	16521.8
65°	1403.9	1321.4	1486.3	1371.6	1384.1	1219.2	1567.0	9068.6	13791.2	14773.7
67.5°	1298.1	1292.7	1362.6	1221.0	1169.0	966.4	1142.1	7268.5	11566.2	12451.9
70°	1178.0	1217.4	1238.9	1084.7	948.5	758.4	848.1	5083.0	8532.6	9303.5
72.5°	1057.8	1061.4	1091.9	943.1	710.0	607.8	636.5	3078.5	5796.5	6357.7
75°	935.9	901.8	930.5	767.4	528.9	498.4	491.3	1902.3	4003.6	4446.5
77.5°	805.0	767.4	729.7	577.3	424.9	385.5	376.5	1066.8	2456.3	2728.8
80°	654.4	604.2	545.1	423.1	310.2	276.1	274.3	519.9	1224.6	1364.4
82.5°	509.2	414.2	398.0	263.6	191.8	168.5	179.3	199.0	369.3	412.4
85°	356.8	301.2	211.6	105.8	86.1	69.9	68.1	59.2	98.6	109.4
87.5°	199.0	130.9	68.1	12.6	14.3	16.1	12.6	9.0	9.0	9.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)