

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: P639806

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

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P639806
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-750-U-SLR-W
Description: GALLEON WALL SLIM LUMINAIRE. (5) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT OPTICS
Light Source: (80) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23063.4 lumens
Efficiency: N/A
Efficacy: 146.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G4

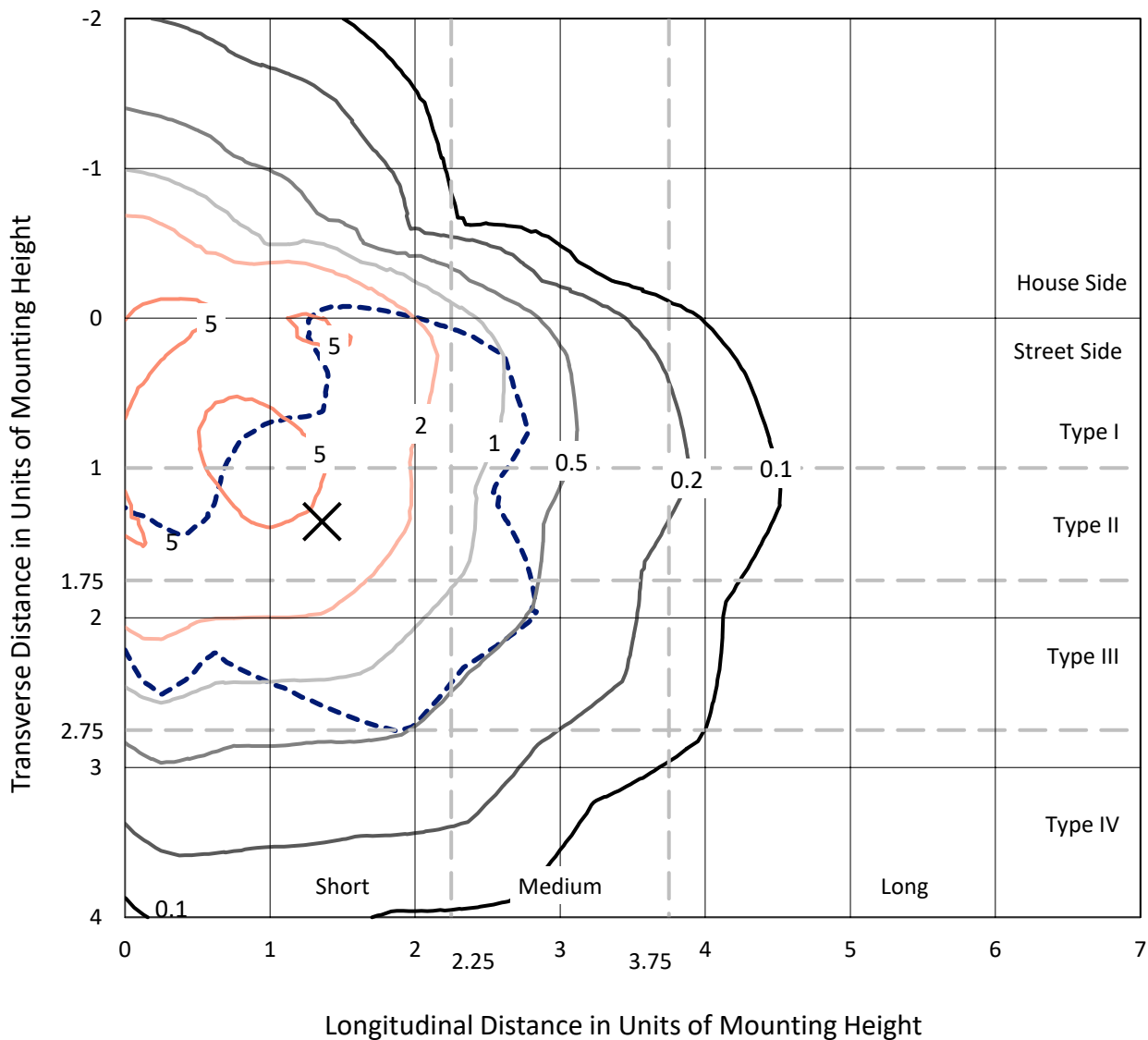
Input Watts (W): 157.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

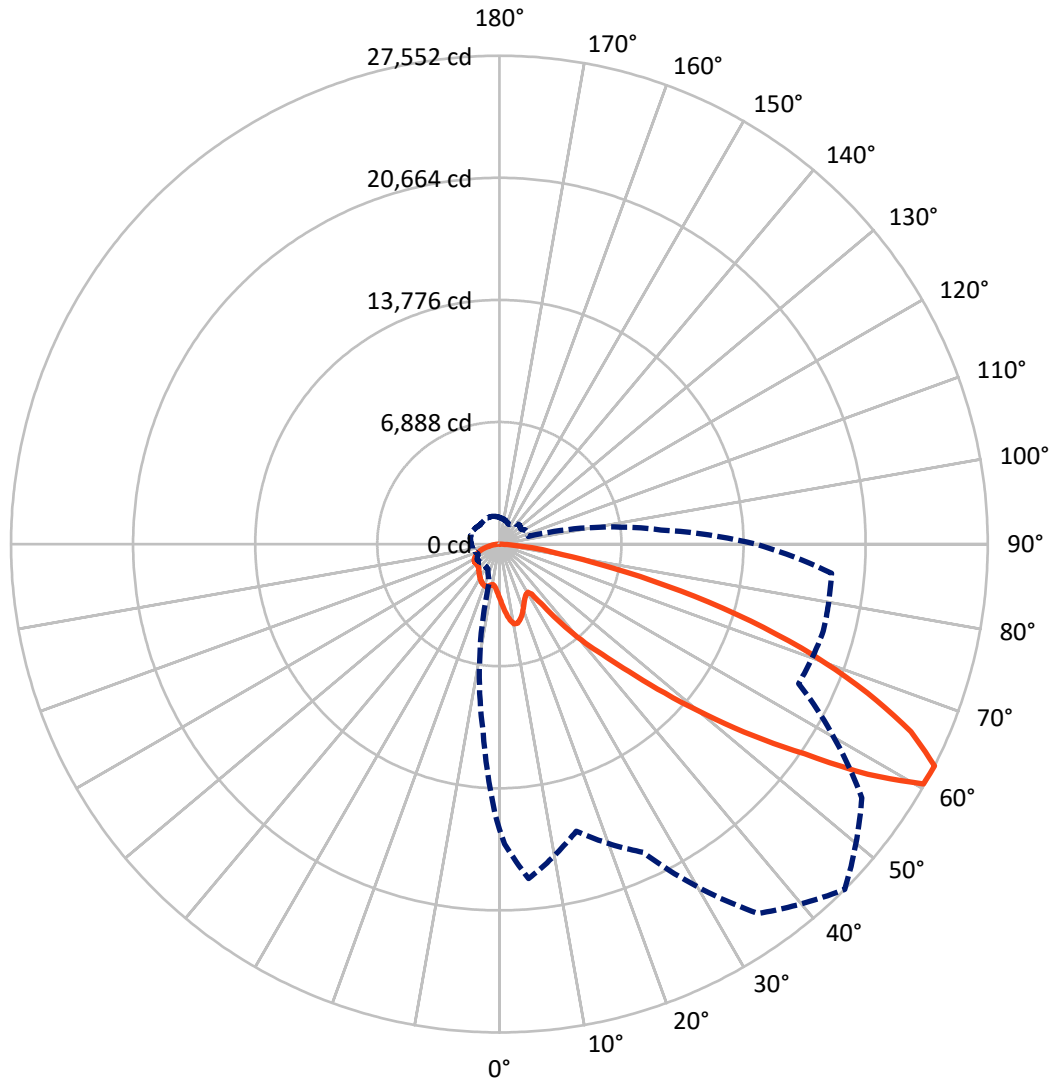
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7 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	5503.4	0.0	5503.4
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	17560.0	0.0	17560.0
	% Fixture	76.1	0.0	76.1
Total	Lumens	23063.4	0.0	23063.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	298.9	1.3
10°-20°	937.1	4.1
20°-30°	1455.6	6.3
30°-40°	1976.3	8.6
40°-50°	3132.3	13.6
50°-60°	5525.3	24.0
60°-70°	6147.8	26.7
70°-80°	3117.9	13.5
80°-90°	472.1	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°	23063.4	100.0
0°-180°	23063.4	100.0

Coefficient of Utilization



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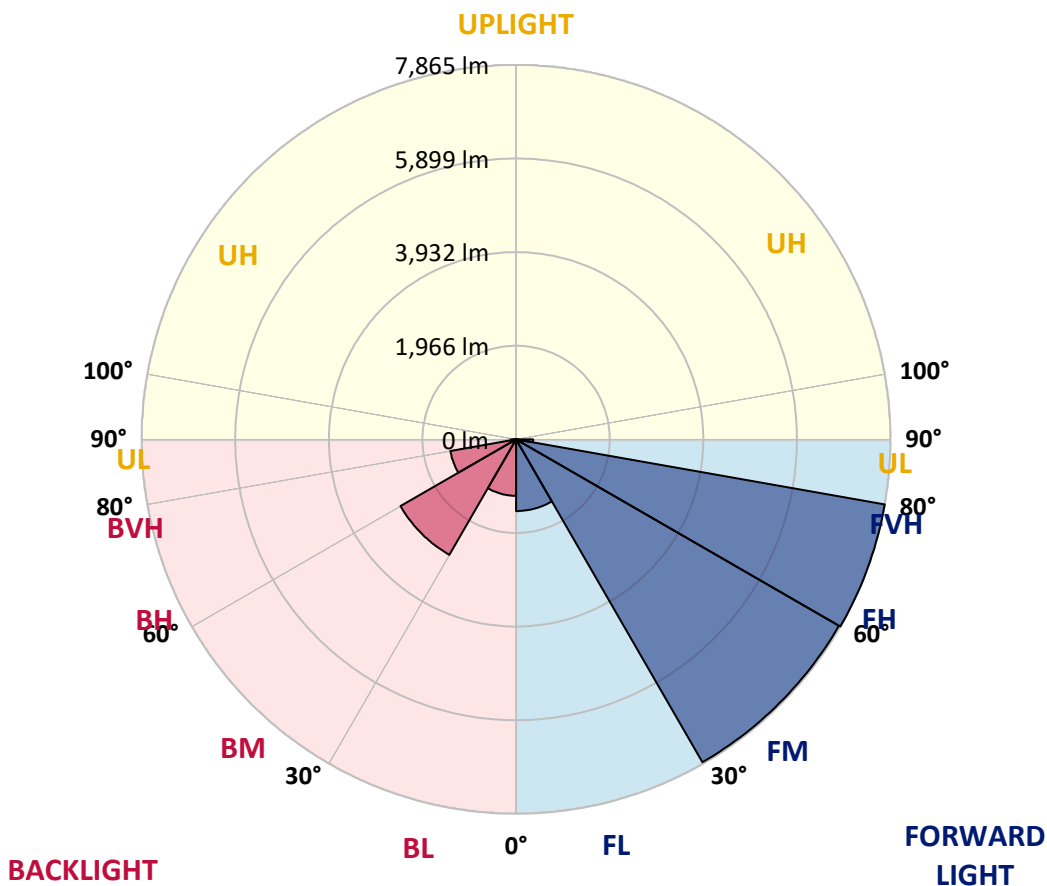
CATALOG NUMBER: GWS-SA5C-750-U-SLR-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1505.8	6.5			
FM (30°-60°)	7831.0	34.0			
FH (60°-80°)	7864.8	34.1			G4/12000
FVH (80°-90°)	358.3	1.6			G3/500
BL (0°-30°)	1185.8	5.1	B3/2500		
BM (30°-60°)	2802.9	12.2	B3/5000		
BH (60°-80°)	1400.9	6.1	B3/2500		G3/2500
BVH (80°-90°)	113.8	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°	3061.0	3061.0	3061.0	3061.0	3061.0	3061.0	3061.0	3061.0	3061.0	3061.0	3061.0
2.5°	3289.7	3288.0	3321.2	3371.8	3418.9	3439.9	3474.8	3471.3	3443.4	3406.7	3394.5
5°	3548.2	3555.1	3612.8	3724.5	3848.5	3900.9	3923.6	3914.8	3864.2	3799.6	3686.1
7.5°	3782.1	3794.4	3883.4	4051.0	4204.7	4274.6	4330.4	4320.0	4246.6	4126.1	3958.5
10°	3953.3	3967.2	4073.7	4271.1	4442.2	4503.3	4574.9	4578.4	4513.8	4351.4	4180.3
12.5°	4124.4	4138.4	4237.9	4417.7	4529.5	4531.2	4573.1	4595.8	4599.3	4524.2	4353.1
15°	4302.5	4314.7	4405.5	4506.8	4501.6	4403.8	4403.8	4447.4	4543.5	4597.6	4478.9
17.5°	4454.4	4470.1	4540.0	4506.8	4351.4	4175.0	4154.1	4209.9	4377.6	4585.4	4573.1
20°	4580.1	4592.3	4630.8	4410.8	4127.9	3897.4	3857.2	3921.8	4148.8	4510.3	4644.7
22.5°	4700.6	4707.6	4686.6	4285.0	3886.9	3623.2	3574.3	3642.4	3886.9	4377.6	4705.8
25°	4843.8	4836.8	4737.3	4154.1	3666.9	3406.7	3356.1	3432.9	3687.8	4201.2	4772.2
27.5°	5009.7	4983.5	4780.9	4012.6	3497.5	3246.1	3211.2	3293.2	3530.7	4038.8	4824.6
30°	5151.1	5100.5	4787.9	3886.9	3410.2	3178.0	3157.0	3233.9	3453.9	3928.8	4890.9
32.5°	5308.3	5238.4	4828.1	3853.7	3459.1	3342.1	3370.1	3375.3	3474.8	3897.4	4990.5
35°	5533.5	5442.7	4938.1	3949.8	3962.0	4159.3	4260.6	4124.4	3790.9	3967.2	5179.1
37.5°	5874.0	5758.8	5161.6	4365.4	5000.9	5442.7	5687.2	5376.4	4751.2	4230.9	5463.7
40°	6287.9	6141.2	5448.0	5133.7	5971.8	6679.0	7113.8	6658.0	5739.6	4889.2	5863.5
42.5°	6865.8	6712.2	6003.2	5888.0	6871.1	7924.0	8491.5	7812.2	6610.9	5739.6	6504.4
45°	7873.3	7724.9	7021.2	6644.1	7924.0	9457.1	10253.3	9308.7	7496.2	6593.4	7702.2
47.5°	9734.7	9560.1	8533.4	7482.2	9125.3	11447.7	12561.7	11185.8	8416.4	7571.3	9713.8
50°	11969.8	11802.2	10431.4	8474.0	10452.4	13576.2	15125.1	13391.2	9476.3	8760.4	12118.2
52.5°	14658.8	14627.4	13139.7	9727.7	11833.6	15846.2	17969.5	15834.0	10637.5	10361.6	14842.2
55°	17082.5	17389.8	16579.6	11639.8	13618.1	18697.7	20894.3	18498.6	12212.5	13008.7	18032.4
57.5°	18388.6	19214.5	20459.5	15540.6	16212.9	22106.1	24503.6	21751.7	14919.0	17416.0	20990.4
60°	17526.0	18461.9	20718.0	18477.7	18786.7	24837.1	27482.5	24486.1	17576.6	20475.2	20822.7
62.5°	16090.7	16930.6	18936.9	16762.9	19184.8	25437.8	27552.3	24962.8	18633.1	18922.9	18809.4
65°	14388.2	15235.1	17360.1	14632.7	17918.9	24011.2	25519.8	23560.7	16735.0	17096.5	17138.4
67.5°	12126.9	12909.2	15072.7	13010.5	16333.4	21917.6	22399.5	21563.1	15411.4	15987.7	15385.2
70°	9060.7	9766.2	11676.4	10572.9	13768.3	19190.1	18800.7	18924.7	13925.5	14498.2	12851.6
72.5°	6191.8	6722.6	8360.5	8308.1	10543.2	15362.5	14819.5	15994.6	11631.0	12390.6	9797.6
75°	4330.4	4744.3	6043.4	6563.7	7969.4	11386.6	10553.7	11971.5	9083.4	10167.8	7148.7
77.5°	2657.6	2931.8	3817.1	4863.0	5126.7	7793.0	6555.0	9008.3	6378.7	7415.9	4768.7
80°	1328.8	1461.5	1854.4	3057.5	3399.7	4592.3	3619.7	5229.7	4316.5	4592.3	2638.4
82.5°	401.6	443.5	543.0	1161.2	1761.9	2643.7	2139.0	3038.3	2357.3	2153.0	1039.0
85°	106.5	120.5	150.2	344.0	618.1	948.2	722.9	1472.0	1129.8	794.5	391.1
87.5°	8.7	8.7	7.0	7.0	3.5	0.0	0.0	104.8	211.3	120.5	68.1
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°	3061.0	3061.0	3061.0	3061.0	3061.0	3061.0	3061.0	3061.0	3061.0	3061.0	3061.0
2.5°	3333.4	3326.4	3254.8	3202.4	3141.3	3081.9	3020.8	2966.7	2905.6	2844.5	2827.0
5°	3602.3	3553.4	3401.5	3274.0	3148.3	3038.3	2942.2	2842.7	2762.4	2683.8	2654.1
7.5°	3839.8	3754.2	3534.2	3340.4	3165.8	3029.6	2888.1	2743.2	2629.7	2517.9	2490.0
10°	4054.5	3941.0	3663.4	3418.9	3225.1	3069.7	2903.8	2710.0	2545.9	2409.7	2373.0
12.5°	4213.4	4089.5	3775.2	3494.0	3274.0	3099.4	2935.3	2764.1	2591.3	2414.9	2374.8
15°	4339.2	4209.9	3867.7	3551.6	3275.8	3050.5	2891.6	2832.2	2778.1	2605.2	2531.9
17.5°	4440.4	4304.2	3948.0	3586.6	3228.6	2902.1	2764.1	2851.4	2989.4	2881.1	2743.2
20°	4533.0	4395.0	4009.1	3611.0	3123.8	2697.8	2621.0	2806.0	3013.8	3010.3	2886.4
22.5°	4634.3	4499.8	4098.2	3625.0	2977.2	2490.0	2535.4	2739.7	2909.1	2959.7	2882.9
25°	4763.5	4644.7	4222.2	3656.4	2811.3	2346.8	2472.5	2654.1	2795.6	2807.8	2762.4
27.5°	4913.6	4824.6	4407.3	3729.8	2650.6	2273.5	2399.2	2533.6	2662.9	2668.1	2614.0
30°	5077.8	5018.4	4578.4	3790.9	2530.2	2250.8	2304.9	2413.2	2495.2	2509.2	2462.1
32.5°	5287.3	5234.9	4730.3	3750.7	2458.6	2245.5	2217.6	2273.5	2341.6	2341.6	2304.9
35°	5575.4	5502.1	4890.9	3597.0	2371.3	2224.6	2125.1	2140.8	2170.5	2175.7	2154.7
37.5°	5984.0	5863.5	5053.3	3293.2	2228.1	2149.5	2018.5	1999.3	2009.8	2023.8	2018.5
40°	6490.4	6293.1	5290.8	2928.3	2057.0	2004.6	1908.5	1871.9	1863.1	1891.1	1901.5
42.5°	7127.7	6825.7	5545.7	2587.8	1901.5	1838.7	1779.3	1747.9	1733.9	1781.1	1809.0
45°	8145.7	7648.1	5790.2	2250.8	1814.2	1697.2	1657.1	1634.4	1641.4	1697.2	1732.2
47.5°	9904.1	8903.6	6022.4	2037.7	1807.3	1596.0	1547.1	1552.3	1571.5	1630.9	1672.8
50°	12128.7	10585.1	6177.8	1948.7	1828.2	1534.9	1470.3	1498.2	1527.9	1585.5	1634.4
52.5°	14393.4	12151.4	5992.8	1899.8	1826.5	1536.6	1398.7	1482.5	1496.4	1554.1	1606.4
55°	15951.0	12326.0	5177.3	1824.7	1798.5	1606.4	1342.8	1475.5	1484.2	1536.6	1583.7
57.5°	16544.7	11728.8	3948.0	1845.7	1714.7	1660.6	1318.3	1426.6	1489.5	1534.9	1583.7
60°	15827.0	10602.6	2399.2	1899.8	1580.3	1657.1	1334.1	1337.5	1445.8	1522.6	1571.5
62.5°	14473.8	9156.8	1685.0	1746.1	1482.5	1564.5	1370.7	1232.8	1369.0	1461.5	1505.2
65°	12923.2	7456.0	1285.2	1503.4	1435.3	1421.4	1382.9	1140.2	1264.2	1355.0	1393.4
67.5°	11308.0	5795.4	1044.2	1121.0	1297.4	1285.2	1264.2	1058.2	1140.2	1204.8	1248.5
70°	9273.8	4054.5	881.8	841.6	1112.3	1152.5	1105.3	955.1	981.3	1047.7	1082.6
72.5°	6783.8	2526.7	724.6	695.0	894.0	1007.5	983.1	841.6	853.9	916.7	944.7
75°	4878.7	1445.8	581.5	572.7	682.7	862.6	813.7	724.6	738.6	785.8	805.0
77.5°	3101.1	805.0	448.8	461.0	488.9	644.3	695.0	619.9	619.9	647.8	663.5
80°	1660.6	461.0	328.3	333.5	342.2	492.4	548.3	480.2	480.2	461.0	480.2
82.5°	677.5	265.4	225.3	209.5	228.7	337.0	384.2	305.6	319.5	288.1	295.1
85°	223.5	132.7	111.8	110.0	108.3	148.4	185.1	151.9	181.6	115.2	120.5
87.5°	29.7	24.4	14.0	10.5	12.2	5.2	10.5	12.2	12.2	8.7	8.7
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°	3061.0	3061.0	3061.0	3061.0	3061.0	3061.0	3061.0	3061.0	3061.0	3061.0	3061.0
2.5°	2814.8	2800.8	2750.2	2762.4	2753.7	2739.7	2753.7	2727.5	2748.4	2755.4	2799.1
5°	2631.4	2598.3	2549.4	2524.9	2519.7	2505.7	2507.5	2495.2	2498.7	2528.4	2577.3
7.5°	2467.3	2435.9	2397.5	2380.0	2364.3	2348.6	2346.8	2345.1	2359.0	2385.2	2432.4
10°	2348.6	2331.1	2315.4	2322.4	2315.4	2308.4	2296.2	2296.2	2318.9	2366.0	2423.6
12.5°	2348.6	2345.1	2348.6	2369.5	2367.8	2369.5	2353.8	2362.5	2425.4	2505.7	2587.8
15°	2474.3	2446.3	2446.3	2456.8	2453.3	2453.3	2453.3	2490.0	2633.2	2757.2	2844.5
17.5°	2627.9	2545.9	2510.9	2505.7	2504.0	2504.0	2510.9	2589.5	2813.0	2944.0	2994.6
20°	2734.5	2579.0	2521.4	2498.7	2500.5	2504.0	2524.9	2633.2	2879.4	2945.7	2933.5
22.5°	2753.7	2552.9	2483.0	2449.8	2455.1	2458.6	2490.0	2605.2	2788.6	2799.1	2774.6
25°	2664.6	2479.5	2404.4	2378.2	2385.2	2383.5	2411.4	2495.2	2626.2	2622.7	2608.7
27.5°	2531.9	2362.5	2306.7	2289.2	2301.4	2287.4	2296.2	2360.8	2462.1	2458.6	2453.3
30°	2395.7	2249.0	2198.4	2189.7	2205.4	2184.4	2186.2	2240.3	2310.1	2306.7	2304.9
32.5°	2259.5	2135.5	2090.1	2090.1	2105.8	2083.1	2086.6	2133.8	2180.9	2167.0	2167.0
35°	2130.3	2043.0	2006.3	1999.3	2011.6	1995.8	2002.8	2046.5	2063.9	2044.7	2032.5
37.5°	2016.8	1978.4	1941.7	1917.3	1919.0	1920.8	1941.7	1974.9	1964.4	1936.5	1920.8
40°	1912.0	1912.0	1877.1	1831.7	1826.5	1838.7	1873.6	1910.3	1880.6	1849.2	1830.0
42.5°	1836.9	1852.7	1819.5	1774.1	1763.6	1784.6	1823.0	1849.2	1814.2	1779.3	1753.1
45°	1767.1	1805.5	1782.8	1732.2	1718.2	1742.6	1791.5	1802.0	1754.9	1721.7	1702.5
47.5°	1718.2	1770.6	1754.9	1706.0	1685.0	1719.9	1770.6	1768.8	1709.5	1674.5	1658.8
50°	1683.3	1749.6	1747.9	1706.0	1683.3	1726.9	1772.3	1749.6	1685.0	1648.4	1632.6
52.5°	1655.3	1747.9	1760.1	1735.7	1719.9	1758.4	1786.3	1742.6	1667.6	1629.1	1616.9
55°	1643.1	1754.9	1763.6	1740.9	1726.9	1761.9	1786.3	1756.6	1667.6	1632.6	1622.2
57.5°	1646.6	1746.1	1747.9	1716.5	1692.0	1735.7	1774.1	1765.3	1686.8	1646.6	1634.4
60°	1625.7	1699.0	1702.5	1653.6	1625.7	1678.0	1746.1	1740.9	1678.0	1636.1	1613.4
62.5°	1555.8	1620.4	1622.2	1576.8	1536.6	1611.7	1686.8	1685.0	1627.4	1585.5	1559.3
65°	1438.8	1506.9	1524.4	1480.7	1449.3	1529.6	1608.2	1604.7	1547.1	1508.7	1482.5
67.5°	1293.9	1367.2	1400.4	1370.7	1358.5	1431.8	1505.2	1503.4	1456.3	1419.6	1396.9
70°	1117.5	1178.6	1234.5	1234.5	1225.8	1309.6	1388.2	1381.2	1337.5	1309.6	1292.1
72.5°	970.9	1018.0	1035.5	1052.9	1079.1	1166.4	1232.8	1238.0	1206.6	1192.6	1206.6
75°	825.9	855.6	871.3	857.4	902.8	993.6	1080.9	1089.6	1056.4	1033.7	1039.0
77.5°	679.2	712.4	728.1	696.7	693.2	808.5	915.0	934.2	906.2	871.3	881.8
80°	490.7	534.3	560.5	539.6	532.6	583.2	729.9	750.8	724.6	696.7	712.4
82.5°	300.3	324.8	331.8	352.7	396.4	417.3	469.7	539.6	520.3	495.9	539.6
85°	118.7	141.4	157.2	178.1	207.8	246.2	289.9	345.7	314.3	303.8	358.0
87.5°	7.0	1.7	0.0	3.5	29.7	57.6	124.0	171.1	143.2	153.7	185.1
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°	3061.0	3061.0	3061.0	3061.0	3061.0	3061.0	3061.0	3061.0	3061.0	3061.0
2.5°	2834.0	2879.4	2940.5	2991.1	3055.7	3116.9	3179.7	3242.6	3275.8	3289.7
5°	2633.2	2717.0	2814.8	2923.0	3048.8	3181.5	3315.9	3453.9	3541.2	3548.2
7.5°	2512.7	2633.2	2767.6	2903.8	3059.2	3242.6	3455.6	3668.6	3757.7	3782.1
10°	2551.1	2685.6	2792.1	2919.5	3090.7	3319.4	3570.9	3820.6	3923.6	3953.3
12.5°	2704.8	2731.0	2764.1	2881.1	3090.7	3385.8	3689.6	3986.4	4096.4	4124.4
15°	2832.2	2706.5	2647.1	2771.1	3048.8	3443.4	3815.3	4143.6	4276.3	4302.5
17.5°	2842.7	2626.2	2497.0	2608.7	2975.4	3483.6	3935.8	4318.2	4430.0	4454.4
20°	2736.2	2540.6	2373.0	2441.1	2875.9	3501.0	4023.1	4445.7	4555.7	4580.1
22.5°	2615.7	2470.8	2289.2	2285.7	2755.4	3520.2	4127.9	4566.2	4684.9	4700.6
25°	2502.2	2374.8	2221.1	2172.2	2615.7	3556.9	4269.3	4747.8	4838.6	4843.8
27.5°	2369.5	2271.7	2167.0	2119.8	2493.5	3626.7	4478.9	4964.3	5018.4	5009.7
30°	2249.0	2175.7	2128.5	2114.6	2416.7	3679.1	4677.9	5177.3	5180.8	5151.1
32.5°	2121.6	2093.6	2093.6	2139.0	2353.8	3666.9	4840.3	5385.1	5351.9	5308.3
35°	2008.1	2013.3	2050.0	2156.5	2249.0	3544.7	4995.7	5645.3	5596.4	5533.5
37.5°	1899.8	1940.0	1992.3	2095.4	2111.1	3363.1	5177.3	6013.7	5952.6	5874.0
40°	1807.3	1868.4	1929.5	1980.1	1964.4	3104.6	5430.5	6446.8	6378.7	6287.9
42.5°	1733.9	1793.3	1861.4	1866.6	1871.9	2835.7	5699.4	6977.6	6965.4	6865.8
45°	1686.8	1725.2	1789.8	1781.1	1866.6	2538.9	5947.4	7787.8	7948.4	7873.3
47.5°	1655.3	1685.0	1692.0	1728.7	1912.0	2273.5	6266.9	9373.3	9820.3	9734.7
50°	1637.9	1667.6	1589.0	1732.2	1919.0	2102.4	6708.7	11363.9	12083.3	11969.8
52.5°	1636.1	1629.1	1510.4	1768.8	1880.6	1997.6	6939.2	12816.7	14412.6	14658.8
55°	1639.6	1552.3	1470.3	1779.3	1803.8	1959.2	6167.4	13515.1	16562.1	17082.5
57.5°	1608.2	1468.5	1493.0	1737.4	1658.8	2062.2	4559.2	13265.4	17421.2	18388.6
60°	1548.8	1388.2	1534.9	1623.9	1510.4	1885.8	3139.6	12151.4	16530.7	17526.0
62.5°	1463.3	1332.3	1529.6	1477.2	1456.3	1543.6	2158.2	10592.1	15118.1	16090.7
65°	1367.2	1286.9	1447.6	1335.8	1348.0	1187.4	1526.1	8832.0	13431.3	14388.2
67.5°	1264.2	1259.0	1327.1	1189.1	1138.5	941.2	1112.3	7078.9	11264.4	12126.9
70°	1147.2	1185.6	1206.6	1056.4	923.7	738.6	825.9	4950.3	8309.9	9060.7
72.5°	1030.2	1033.7	1063.4	918.5	691.5	591.9	619.9	2998.1	5645.3	6191.8
75°	911.5	878.3	906.2	747.3	515.1	485.4	478.4	1852.7	3899.1	4330.4
77.5°	784.0	747.3	710.7	562.3	413.8	375.4	366.7	1039.0	2392.2	2657.6
80°	637.3	588.4	530.8	412.1	302.1	268.9	267.2	506.4	1192.6	1328.8
82.5°	495.9	403.4	387.6	256.7	186.8	164.1	174.6	193.8	359.7	401.6
85°	347.5	293.4	206.0	103.0	83.8	68.1	66.4	57.6	96.0	106.5
87.5°	193.8	127.5	66.4	12.2	14.0	15.7	12.2	8.7	8.7	8.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)