

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: P637771

Luminaire Tested: GWS-SA4D-740-U-SLR-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P637771
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-SA4D-740-U-SLR-W
Description: GALLEON WALL SLIM LUMINAIRE. (4) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT OPTICS
Light Source: (64) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23187.2 lumens
Efficiency: N/A
Efficacy: 143.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G4

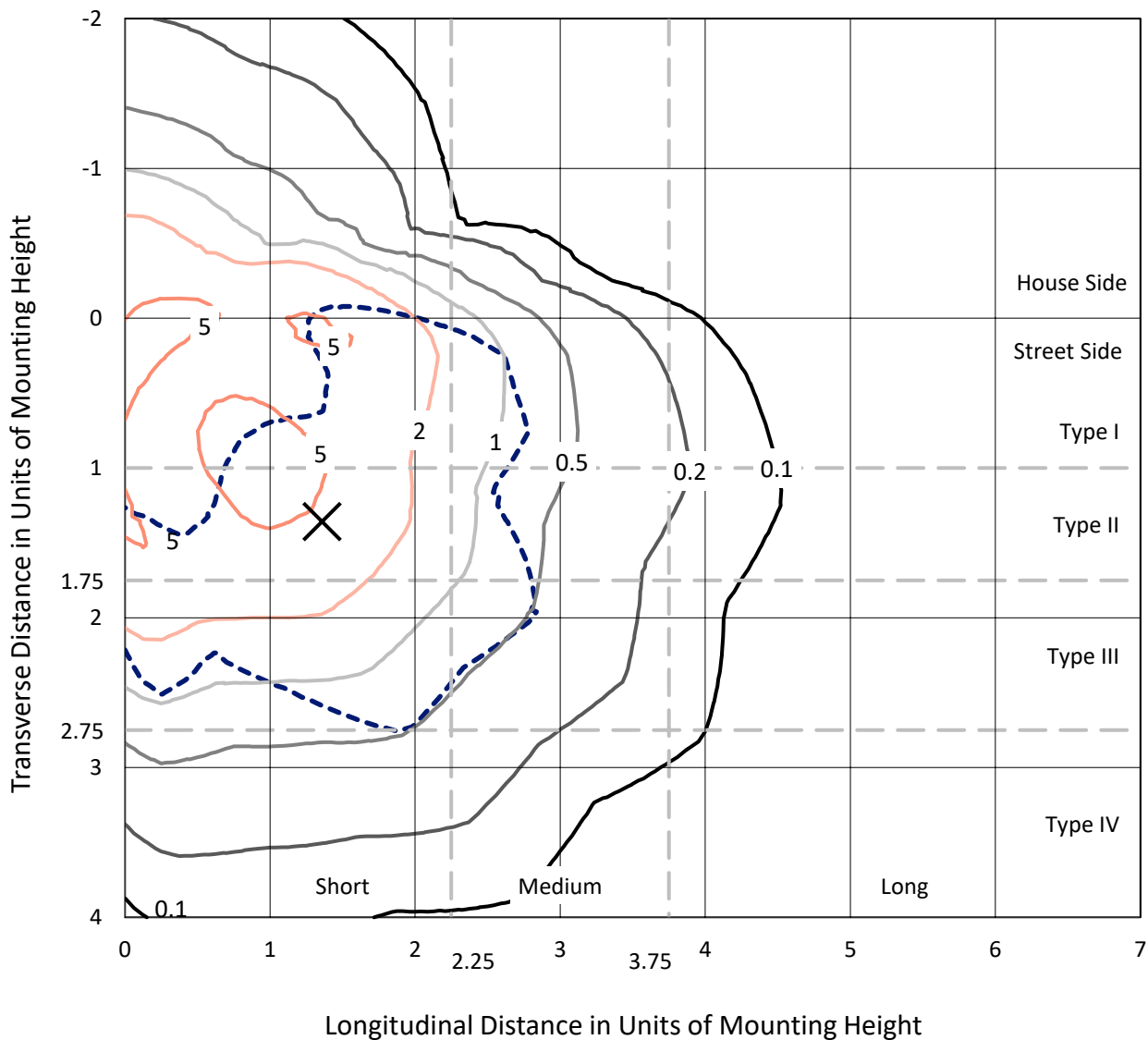
Input Watts (W): 162.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

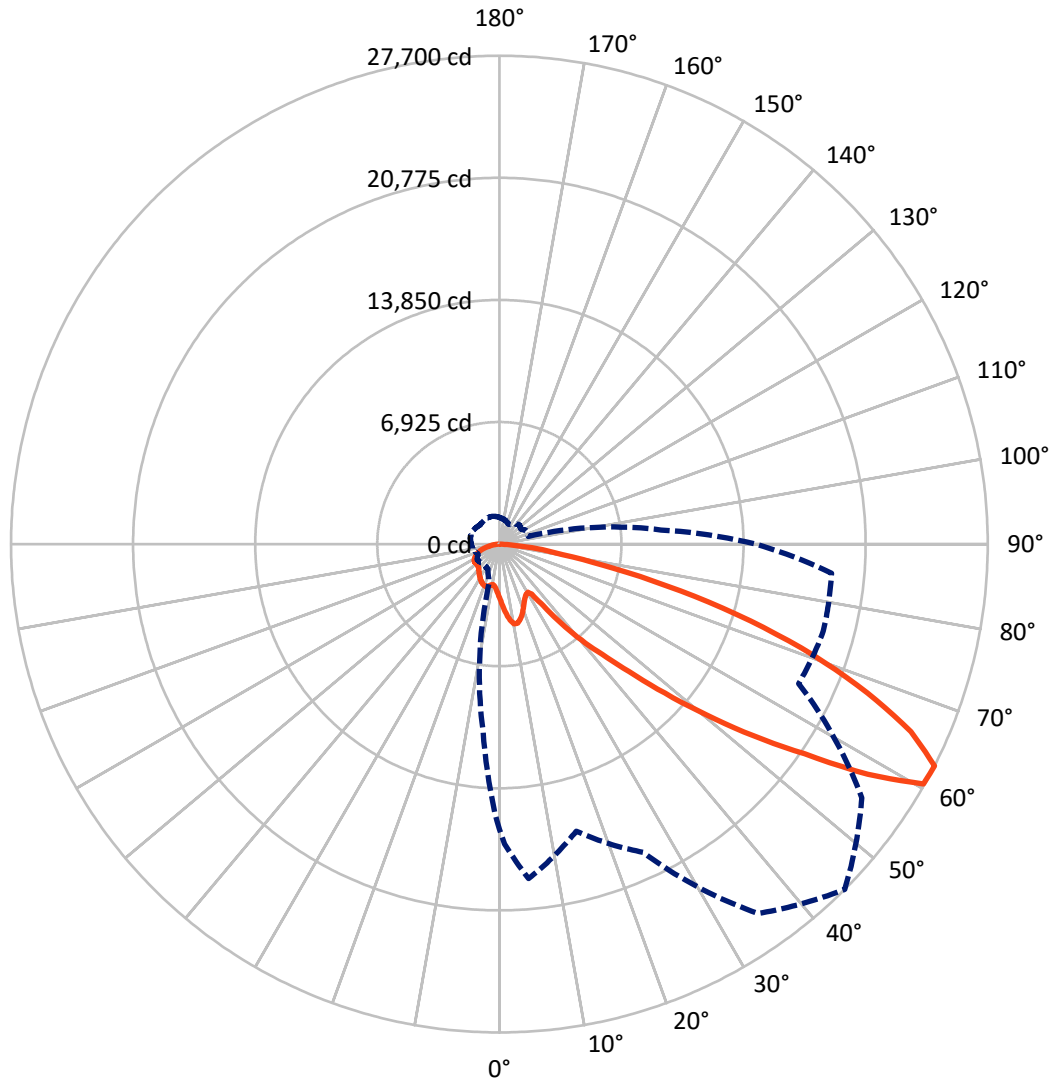
✕ Max cd
 - - - 1/2 Max cd



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	5532.9	0.0	5532.9
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	17654.3	0.0	17654.3
	% Fixture	76.1	0.0	76.1
Total	Lumens	23187.2	0.0	23187.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	300.6	1.3
10°-20°	942.2	4.1
20°-30°	1463.4	6.3
30°-40°	1986.9	8.6
40°-50°	3149.1	13.6
50°-60°	5555.0	24.0
60°-70°	6180.8	26.7
70°-80°	3134.7	13.5
80°-90°	474.7	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°	23187.2	100.0
0°-180°	23187.2	100.0

Coefficient of Utilization



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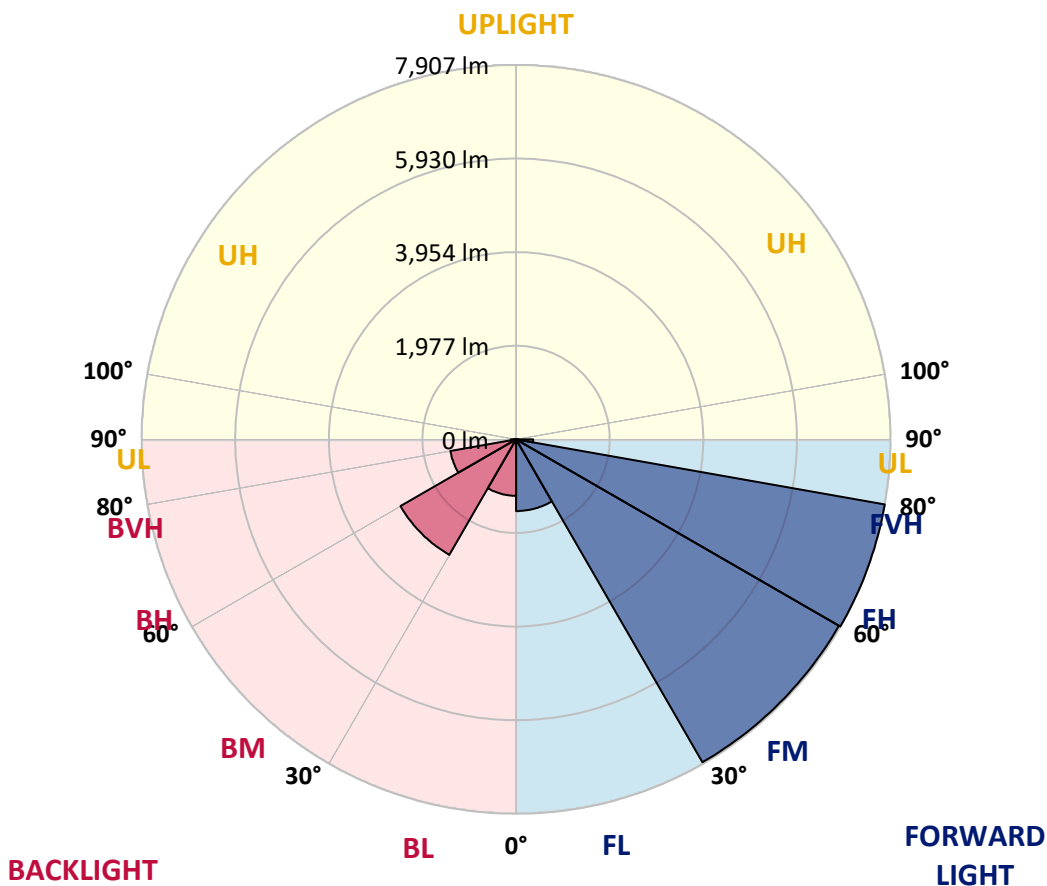
CATALOG NUMBER: GWS-SA4D-740-U-SLR-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1513.9	6.5			
FM (30°-60°)	7873.1	34.0			
FH (60°-80°)	7907.0	34.1			G4/12000
FVH (80°-90°)	360.3	1.6			G3/500
BL (0°-30°)	1192.2	5.1	B3/2500		
BM (30°-60°)	2817.9	12.2	B3/5000		
BH (60°-80°)	1408.4	6.1	B3/2500		G3/2500
BVH (80°-90°)	114.4	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°	3077.4	3077.4	3077.4	3077.4	3077.4	3077.4	3077.4	3077.4	3077.4	3077.4	3077.4
2.5°	3307.4	3305.6	3339.0	3389.9	3437.3	3458.4	3493.5	3490.0	3461.9	3425.0	3412.7
5°	3567.2	3574.2	3632.2	3744.5	3869.2	3921.8	3944.6	3935.9	3885.0	3820.0	3705.9
7.5°	3802.4	3814.7	3904.3	4072.8	4227.3	4297.5	4353.7	4343.1	4269.4	4148.3	3979.7
10°	3974.5	3988.5	4095.6	4294.0	4466.0	4527.5	4599.4	4603.0	4538.0	4374.7	4202.7
12.5°	4146.5	4160.6	4260.6	4441.4	4553.8	4555.6	4597.7	4620.5	4624.0	4548.5	4376.5
15°	4325.6	4337.9	4429.2	4531.0	4525.7	4427.4	4427.4	4471.3	4567.8	4622.3	4502.9
17.5°	4478.3	4494.1	4564.3	4531.0	4374.7	4197.4	4176.4	4232.5	4401.1	4610.0	4597.7
20°	4604.7	4617.0	4655.6	4434.4	4150.0	3918.3	3877.9	3942.9	4171.1	4534.5	4669.7
22.5°	4725.8	4732.9	4711.8	4308.0	3907.8	3642.7	3593.5	3662.0	3907.8	4401.1	4731.1
25°	4869.8	4862.8	4762.7	4176.4	3686.6	3425.0	3374.1	3451.3	3707.6	4223.8	4797.8
27.5°	5036.6	5010.2	4806.6	4034.2	3516.3	3263.5	3228.4	3310.9	3549.6	4060.5	4850.5
30°	5178.8	5127.9	4813.6	3907.8	3428.5	3195.0	3174.0	3251.2	3472.4	3949.9	4917.2
32.5°	5336.8	5266.5	4854.0	3874.4	3477.7	3360.1	3388.1	3393.4	3493.5	3918.3	5017.3
35°	5563.2	5471.9	4964.6	3971.0	3983.3	4181.6	4283.5	4146.5	3811.2	3988.5	5206.9
37.5°	5905.5	5789.7	5189.3	4388.8	5027.8	5471.9	5717.7	5405.2	4776.8	4253.6	5493.0
40°	6321.6	6174.1	5477.2	5161.2	6003.9	6714.8	7152.0	6693.8	5770.4	4915.4	5895.0
42.5°	6902.7	6748.2	6035.5	5919.6	6907.9	7966.5	8537.1	7854.2	6646.4	5770.4	6539.3
45°	7915.6	7766.4	7058.9	6679.7	7966.5	9507.9	10308.4	9358.6	7536.4	6628.8	7743.6
47.5°	9787.0	9611.4	8579.2	7522.4	9174.3	11509.1	12629.2	11245.8	8461.6	7611.9	9765.9
50°	12034.0	11865.5	10487.4	8519.5	10508.5	13649.1	15206.3	13463.0	9527.2	8807.4	12183.3
52.5°	14737.5	14705.9	13210.2	9780.0	11897.1	15931.3	18066.0	15919.0	10694.6	10417.2	14921.9
55°	17174.2	17483.2	16668.6	11702.3	13691.2	18798.0	21006.5	18597.9	12278.1	13078.6	18129.2
57.5°	18487.3	19317.7	20569.4	15624.1	16299.9	22224.8	24635.1	21868.4	14999.1	17509.5	21103.0
60°	17620.1	18561.0	20829.2	18576.8	18887.6	24970.4	27630.0	24617.6	17671.0	20585.1	20934.5
62.5°	16177.1	17021.5	19038.5	16852.9	19287.8	25574.3	27700.2	25096.8	18733.1	19024.5	18910.4
65°	14465.4	15316.9	17453.3	14711.2	18015.1	24140.1	25656.8	23687.1	16824.8	17188.2	17230.4
67.5°	12192.0	12978.5	15153.6	13080.3	16421.1	22035.2	22519.7	21678.8	15494.2	16073.5	15467.8
70°	9109.4	9818.6	11739.1	10629.6	13842.2	19293.1	18901.6	19026.3	14000.2	14576.0	12920.6
72.5°	6225.1	6758.7	8405.4	8352.7	10599.8	15445.0	14899.0	16080.5	11693.5	12457.1	9850.2
75°	4353.7	4769.7	6075.8	6599.0	8012.2	11447.7	10610.3	12035.8	9132.2	10222.4	7187.1
77.5°	2671.9	2947.5	3837.6	4889.1	5154.2	7834.9	6590.2	9056.7	6412.9	7455.7	4794.3
80°	1335.9	1469.4	1864.4	3073.9	3418.0	4617.0	3639.2	5257.8	4339.6	4617.0	2652.6
82.5°	403.8	445.9	546.0	1167.4	1771.3	2657.8	2150.5	3054.6	2369.9	2164.5	1044.5
85°	107.1	121.1	151.0	345.8	621.5	953.2	726.8	1479.9	1135.8	798.8	393.2
87.5°	8.8	8.8	7.0	7.0	3.5	0.0	0.0	105.3	212.4	121.1	68.5
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3077.4	3077.4	3077.4	3077.4	3077.4	3077.4	3077.4	3077.4	3077.4	3077.4	3077.4
2.5°	3351.3	3344.3	3272.3	3219.6	3158.2	3098.5	3037.0	2982.6	2921.2	2859.7	2842.2
5°	3621.6	3572.5	3419.7	3291.6	3165.2	3054.6	2958.0	2858.0	2777.2	2698.2	2668.4
7.5°	3860.4	3774.4	3553.2	3358.3	3182.7	3045.8	2903.6	2757.9	2643.8	2531.5	2503.4
10°	4076.3	3962.2	3683.1	3437.3	3242.4	3086.2	2919.4	2724.6	2559.5	2422.6	2385.7
12.5°	4236.1	4111.4	3795.4	3512.8	3291.6	3116.0	2951.0	2779.0	2605.2	2427.9	2387.5
15°	4362.5	4232.5	3888.5	3570.7	3293.3	3066.9	2907.1	2847.4	2793.0	2619.2	2545.5
17.5°	4464.3	4327.3	3969.2	3605.8	3245.9	2917.7	2779.0	2866.8	3005.4	2896.6	2757.9
20°	4557.3	4418.6	4030.7	3630.4	3140.6	2712.3	2635.0	2821.1	3030.0	3026.5	2901.9
22.5°	4659.1	4524.0	4120.2	3644.4	2993.2	2503.4	2549.0	2754.4	2924.7	2975.6	2898.4
25°	4789.0	4669.7	4244.8	3676.0	2826.4	2359.4	2485.8	2668.4	2810.6	2822.9	2777.2
27.5°	4940.0	4850.5	4430.9	3749.8	2664.9	2285.7	2412.1	2547.2	2677.2	2682.4	2628.0
30°	5105.0	5045.3	4603.0	3811.2	2543.7	2262.9	2317.3	2426.1	2508.6	2522.7	2475.3
32.5°	5315.7	5263.0	4755.7	3770.8	2471.8	2257.6	2229.5	2285.7	2354.1	2354.1	2317.3
35°	5605.4	5531.6	4917.2	3616.4	2384.0	2236.5	2136.5	2152.3	2182.1	2187.4	2166.3
37.5°	6016.1	5895.0	5080.5	3310.9	2240.0	2161.0	2029.4	2010.1	2020.6	2034.6	2029.4
40°	6525.2	6326.9	5319.2	2944.0	2068.0	2015.3	1918.8	1881.9	1873.1	1901.2	1911.8
42.5°	7166.0	6862.3	5575.5	2601.7	1911.8	1848.6	1788.9	1757.3	1743.2	1790.6	1818.7
45°	8189.5	7689.1	5821.3	2262.9	1824.0	1706.4	1666.0	1643.2	1650.2	1706.4	1741.5
47.5°	9957.3	8951.4	6054.8	2048.7	1817.0	1604.5	1555.4	1560.7	1580.0	1639.6	1681.8
50°	12193.8	10641.9	6211.0	1959.2	1838.0	1543.1	1478.1	1506.2	1536.1	1594.0	1643.2
52.5°	14470.7	12216.6	6024.9	1910.0	1836.3	1544.9	1406.2	1490.4	1504.5	1562.4	1615.1
55°	16036.6	12392.2	5205.1	1834.5	1808.2	1615.1	1350.0	1483.4	1492.2	1544.9	1592.3
57.5°	16633.5	11791.8	3969.2	1855.6	1723.9	1669.5	1325.4	1434.3	1497.5	1543.1	1592.3
60°	15912.0	10659.5	2412.1	1910.0	1588.7	1666.0	1341.2	1344.7	1453.6	1530.8	1580.0
62.5°	14551.5	9205.9	1694.1	1755.5	1490.4	1572.9	1378.1	1239.4	1376.3	1469.4	1513.3
65°	12992.6	7496.0	1292.1	1511.5	1443.0	1429.0	1390.4	1146.4	1271.0	1362.3	1400.9
67.5°	11368.7	5826.5	1049.8	1127.0	1304.3	1292.1	1271.0	1063.8	1146.4	1211.3	1255.2
70°	9323.5	4076.3	886.5	846.2	1118.3	1158.6	1111.2	960.3	986.6	1053.3	1088.4
72.5°	6820.2	2540.2	728.5	698.7	898.8	1012.9	988.4	846.2	858.4	921.6	949.7
75°	4904.9	1453.6	584.6	575.8	686.4	867.2	818.1	728.5	742.6	790.0	809.3
77.5°	3117.8	809.3	451.2	463.5	491.5	647.8	698.7	623.2	623.2	651.3	667.1
80°	1669.5	463.5	330.0	335.3	344.1	495.1	551.2	482.8	482.8	463.5	482.8
82.5°	681.1	266.8	226.5	210.7	230.0	338.8	386.2	307.2	321.3	289.7	296.7
85°	224.7	133.4	112.4	110.6	108.8	149.2	186.1	152.7	182.6	115.9	121.1
87.5°	29.8	24.6	14.0	10.5	12.3	5.3	10.5	12.3	12.3	8.8	8.8
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	3077.4	3077.4	3077.4	3077.4	3077.4	3077.4	3077.4	3077.4	3077.4	3077.4	3077.4
2.5°	2829.9	2815.8	2764.9	2777.2	2768.4	2754.4	2768.4	2742.1	2763.2	2770.2	2814.1
5°	2645.6	2612.2	2563.0	2538.5	2533.2	2519.2	2520.9	2508.6	2512.1	2542.0	2591.1
7.5°	2480.5	2448.9	2410.3	2392.8	2377.0	2361.2	2359.4	2357.7	2371.7	2398.0	2445.4
10°	2361.2	2343.6	2327.8	2334.8	2327.8	2320.8	2308.5	2308.5	2331.3	2378.7	2436.7
12.5°	2361.2	2357.7	2361.2	2382.2	2380.5	2382.2	2366.4	2375.2	2438.4	2519.2	2601.7
15°	2487.6	2459.5	2459.5	2470.0	2466.5	2466.5	2466.5	2503.4	2647.3	2772.0	2859.7
17.5°	2642.0	2559.5	2524.4	2519.2	2517.4	2517.4	2524.4	2603.4	2828.1	2959.8	3010.7
20°	2749.1	2592.9	2535.0	2512.1	2513.9	2517.4	2538.5	2647.3	2894.8	2961.6	2949.3
22.5°	2768.4	2566.6	2496.3	2463.0	2468.3	2471.8	2503.4	2619.2	2803.6	2814.1	2789.5
25°	2678.9	2492.8	2417.3	2391.0	2398.0	2396.3	2424.4	2508.6	2640.3	2636.8	2622.7
27.5°	2545.5	2375.2	2319.0	2301.5	2313.8	2299.7	2308.5	2373.5	2475.3	2471.8	2466.5
30°	2408.6	2261.1	2210.2	2201.4	2217.2	2196.1	2197.9	2252.3	2322.5	2319.0	2317.3
32.5°	2271.6	2147.0	2101.3	2101.3	2117.1	2094.3	2097.8	2145.2	2192.6	2178.6	2178.6
35°	2141.7	2054.0	2017.1	2010.1	2022.4	2006.6	2013.6	2057.5	2075.0	2055.7	2043.4
37.5°	2027.6	1989.0	1952.1	1927.6	1929.3	1931.1	1952.1	1985.5	1975.0	1946.9	1931.1
40°	1922.3	1922.3	1887.2	1841.5	1836.3	1848.6	1883.7	1920.5	1890.7	1859.1	1839.8
42.5°	1846.8	1862.6	1829.2	1783.6	1773.1	1794.1	1832.8	1859.1	1824.0	1788.9	1762.5
45°	1776.6	1815.2	1792.4	1741.5	1727.4	1752.0	1801.2	1811.7	1764.3	1730.9	1711.6
47.5°	1727.4	1780.1	1764.3	1715.1	1694.1	1729.2	1780.1	1778.3	1718.6	1683.5	1667.7
50°	1692.3	1759.0	1757.3	1715.1	1692.3	1736.2	1781.8	1759.0	1694.1	1657.2	1641.4
52.5°	1664.2	1757.3	1769.6	1745.0	1729.2	1767.8	1795.9	1752.0	1676.5	1637.9	1625.6
55°	1651.9	1764.3	1773.1	1750.2	1736.2	1771.3	1795.9	1766.0	1676.5	1641.4	1630.9
57.5°	1655.4	1755.5	1757.3	1725.7	1701.1	1745.0	1783.6	1774.8	1695.8	1655.4	1643.2
60°	1634.4	1708.1	1711.6	1662.5	1634.4	1687.0	1755.5	1750.2	1687.0	1644.9	1622.1
62.5°	1564.2	1629.1	1630.9	1585.2	1544.9	1620.3	1695.8	1694.1	1636.1	1594.0	1567.7
65°	1446.5	1515.0	1532.6	1488.7	1457.1	1537.8	1616.8	1613.3	1555.4	1516.8	1490.4
67.5°	1300.8	1374.6	1407.9	1378.1	1365.8	1439.5	1513.3	1511.5	1464.1	1427.2	1404.4
70°	1123.5	1185.0	1241.1	1241.1	1232.4	1316.6	1395.6	1388.6	1344.7	1316.6	1299.1
72.5°	976.1	1023.5	1041.0	1058.6	1084.9	1172.7	1239.4	1244.7	1213.1	1199.0	1213.1
75°	830.4	860.2	876.0	862.0	907.6	998.9	1086.7	1095.4	1062.1	1039.3	1044.5
77.5°	682.9	716.2	732.0	700.4	696.9	812.8	919.9	939.2	911.1	876.0	886.5
80°	493.3	537.2	563.5	542.5	535.4	586.3	733.8	754.9	728.5	700.4	716.2
82.5°	301.9	326.5	333.5	354.6	398.5	419.6	472.2	542.5	523.1	498.6	542.5
85°	119.4	142.2	158.0	179.1	208.9	247.5	291.4	347.6	316.0	305.5	359.9
87.5°	7.0	1.8	0.0	3.5	29.8	57.9	124.6	172.0	144.0	154.5	186.1
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°	3077.4	3077.4	3077.4	3077.4	3077.4	3077.4	3077.4	3077.4	3077.4	3077.4
2.5°	2849.2	2894.8	2956.3	3007.2	3072.1	3133.6	3196.8	3260.0	3293.3	3307.4
5°	2647.3	2731.6	2829.9	2938.7	3065.1	3198.5	3333.7	3472.4	3560.2	3567.2
7.5°	2526.2	2647.3	2782.5	2919.4	3075.7	3260.0	3474.2	3688.3	3777.9	3802.4
10°	2564.8	2700.0	2807.1	2935.2	3107.3	3337.2	3590.0	3841.1	3944.6	3974.5
12.5°	2719.3	2745.6	2779.0	2896.6	3107.3	3403.9	3709.4	4007.8	4118.4	4146.5
15°	2847.4	2721.0	2661.4	2786.0	3065.1	3461.9	3835.8	4165.8	4299.3	4325.6
17.5°	2858.0	2640.3	2510.4	2622.7	2991.4	3502.2	3956.9	4341.4	4453.7	4478.3
20°	2750.9	2554.3	2385.7	2454.2	2891.3	3519.8	4044.7	4469.5	4580.1	4604.7
22.5°	2629.8	2484.1	2301.5	2298.0	2770.2	3539.1	4150.0	4590.7	4710.0	4725.8
25°	2515.7	2387.5	2233.0	2183.9	2629.8	3576.0	4292.2	4773.2	4864.5	4869.8
27.5°	2382.2	2283.9	2178.6	2131.2	2506.9	3646.2	4502.9	4990.9	5045.3	5036.6
30°	2261.1	2187.4	2140.0	2125.9	2429.6	3698.9	4703.0	5205.1	5208.6	5178.8
32.5°	2132.9	2104.9	2104.9	2150.5	2366.4	3686.6	4866.3	5414.0	5380.6	5336.8
35°	2018.8	2024.1	2061.0	2168.1	2261.1	3563.7	5022.5	5675.6	5626.4	5563.2
37.5°	1910.0	1950.4	2003.0	2106.6	2122.4	3381.1	5205.1	6046.0	5984.5	5905.5
40°	1817.0	1878.4	1939.8	1990.8	1975.0	3121.3	5459.6	6481.4	6412.9	6321.6
42.5°	1743.2	1802.9	1871.4	1876.6	1881.9	2851.0	5730.0	7015.0	7002.7	6902.7
45°	1695.8	1734.4	1799.4	1790.6	1876.6	2552.5	5979.3	7829.6	7991.1	7915.6
47.5°	1664.2	1694.1	1701.1	1738.0	1922.3	2285.7	6300.5	9423.6	9873.0	9787.0
50°	1646.7	1676.5	1597.5	1741.5	1929.3	2113.6	6744.7	11424.9	12148.2	12034.0
52.5°	1644.9	1637.9	1518.5	1778.3	1890.7	2008.3	6976.4	12885.5	14490.0	14737.5
55°	1648.4	1560.7	1478.1	1788.9	1813.4	1969.7	6200.5	13587.7	16651.0	17174.2
57.5°	1616.8	1476.4	1501.0	1746.7	1667.7	2073.3	4583.6	13336.6	17514.8	18487.3
60°	1557.1	1395.6	1543.1	1632.6	1518.5	1896.0	3156.4	12216.6	16619.4	17620.1
62.5°	1471.1	1339.5	1537.8	1485.2	1464.1	1551.9	2169.8	10648.9	15199.2	16177.1
65°	1374.6	1293.8	1455.3	1343.0	1355.3	1193.7	1534.3	8879.4	13503.4	14465.4
67.5°	1271.0	1265.7	1334.2	1195.5	1144.6	946.2	1118.3	7116.9	11324.8	12192.0
70°	1153.4	1192.0	1213.1	1062.1	928.7	742.6	830.4	4976.9	8354.5	9109.4
72.5°	1035.8	1039.3	1069.1	923.4	695.2	595.1	623.2	3014.2	5675.6	6225.1
75°	916.4	883.0	911.1	751.4	517.9	488.0	481.0	1862.6	3920.1	4353.7
77.5°	788.2	751.4	714.5	565.3	416.1	377.4	368.7	1044.5	2405.1	2671.9
80°	640.8	591.6	533.7	414.3	303.7	270.3	268.6	509.1	1199.0	1335.9
82.5°	498.6	405.5	389.7	258.1	187.8	165.0	175.6	194.9	361.6	403.8
85°	349.3	294.9	207.2	103.6	84.3	68.5	66.7	57.9	96.6	107.1
87.5°	194.9	128.2	66.7	12.3	14.0	15.8	12.3	8.8	8.8	8.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)