

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: P640301

Luminaire Tested: GWS-SA5D-750-U-SLR-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P640301
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-SA5D-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: 29095.9 lumens
Efficiency: N/A
Efficacy: 142.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G4

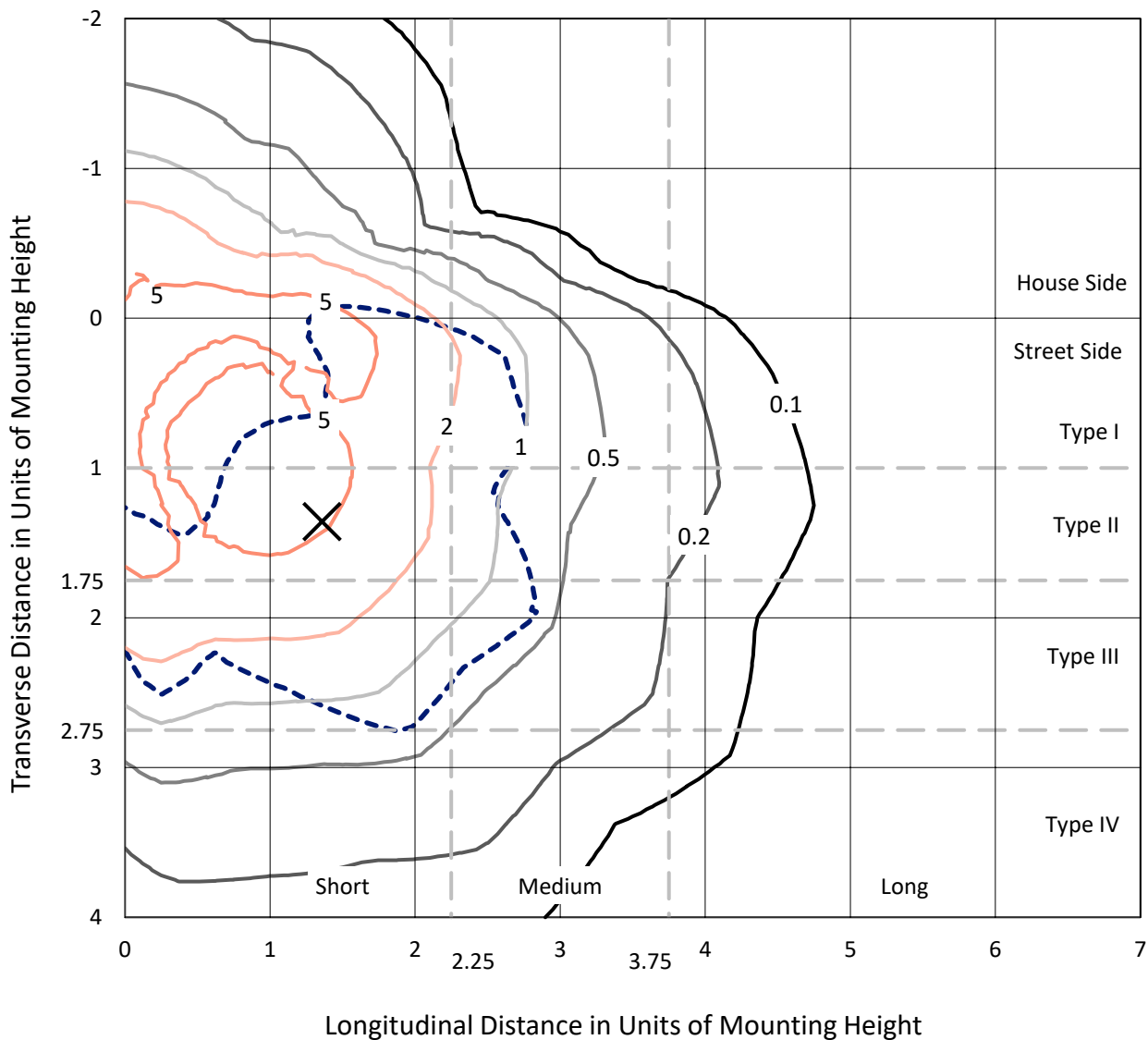
Input Watts (W): 204.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

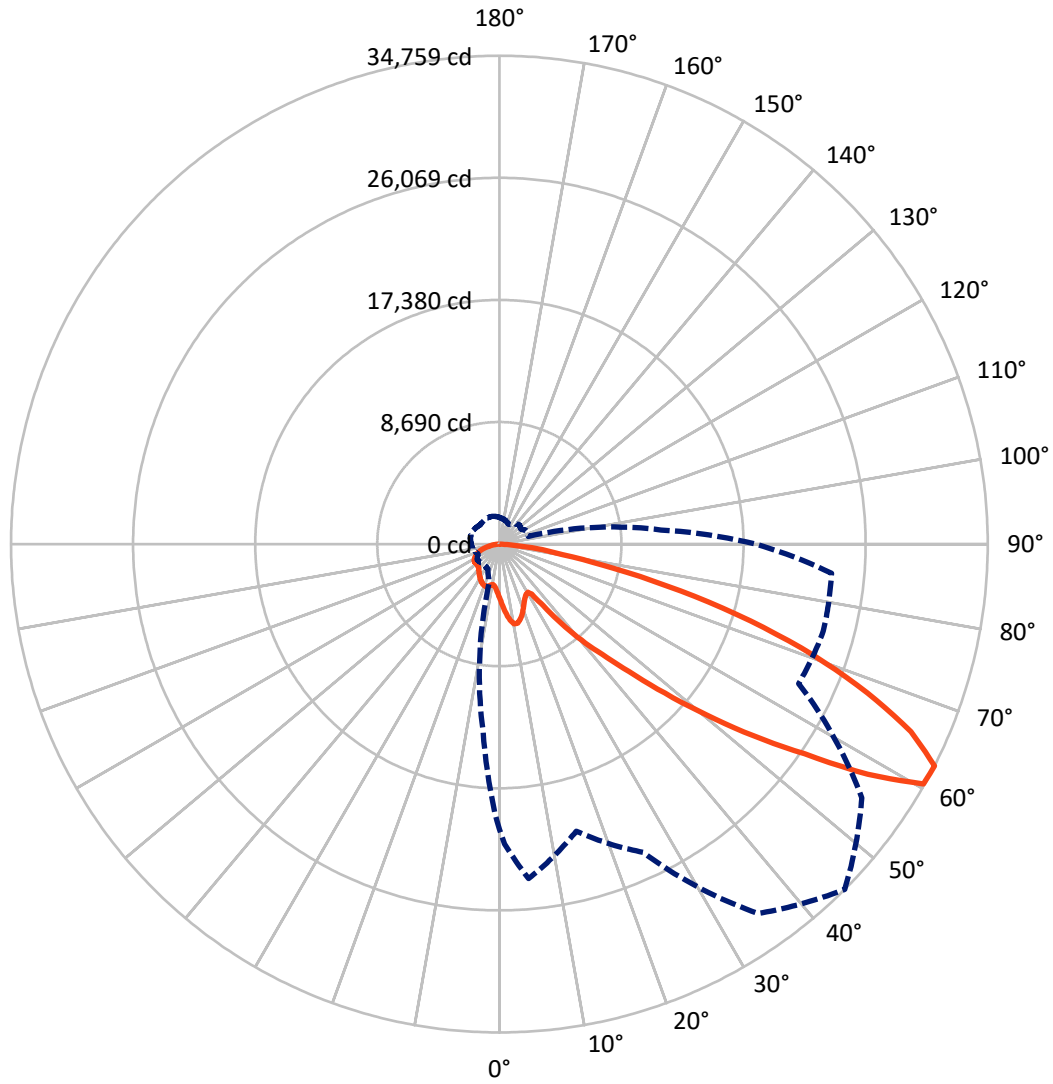
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.8 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	6942.8	0.0	6942.8
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	22153.1	0.0	22153.1
	% Fixture	76.1	0.0	76.1
Total	Lumens	29095.9	0.0	29095.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	377.1	1.3
10°-20°	1182.3	4.1
20°-30°	1836.3	6.3
30°-40°	2493.2	8.6
40°-50°	3951.6	13.6
50°-60°	6970.5	24.0
60°-70°	7755.8	26.7
70°-80°	3933.4	13.5
80°-90°	595.6	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°	29095.9	100.0
0°-180°	29095.9	100.0

Coefficient of Utilization



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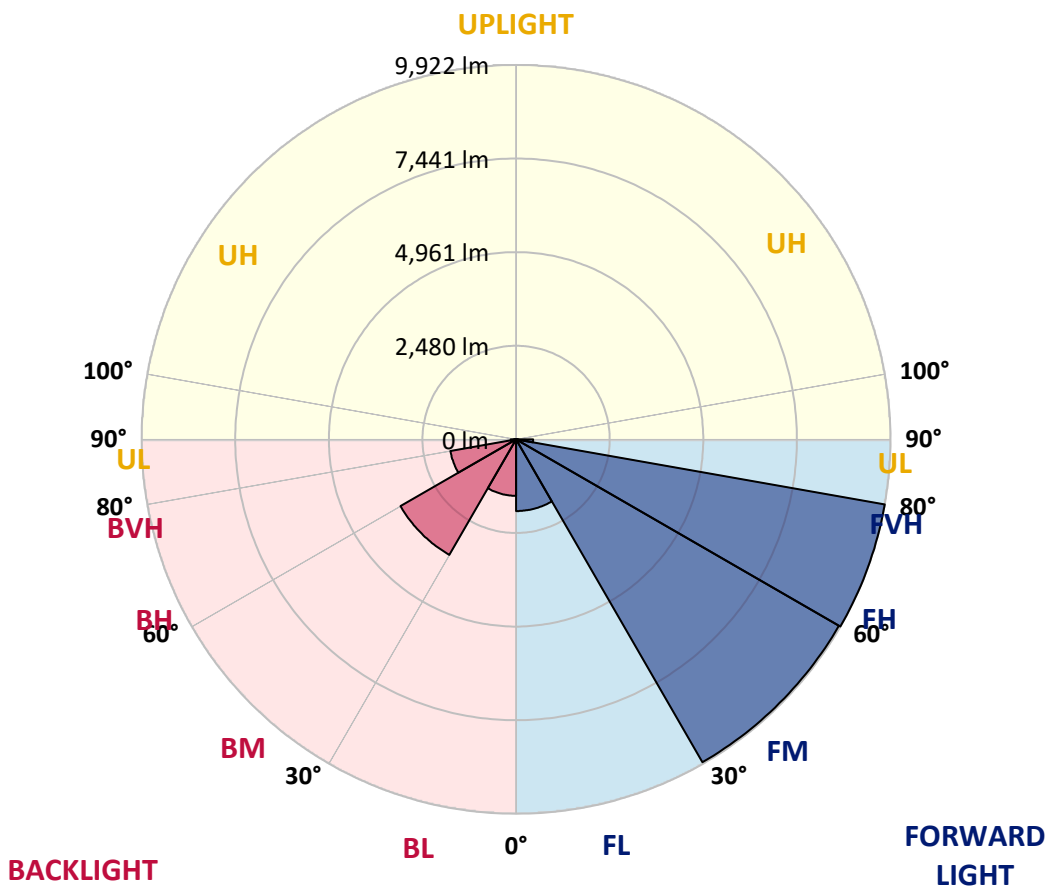
CATALOG NUMBER: GWS-SA5D-750-U-SLR-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1899.7	6.5			
FM (30°-60°)	9879.3	34.0			
FH (60°-80°)	9922.0	34.1			G4/12000
FVH (80°-90°)	452.1	1.6			G3/500
BL (0°-30°)	1496.0	5.1	B3/2500		
BM (30°-60°)	3536.0	12.2	B3/5000		
BH (60°-80°)	1767.3	6.1	B3/2500		G3/2500
BVH (80°-90°)	143.5	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°	3861.6	3861.6	3861.6	3861.6	3861.6	3861.6	3861.6	3861.6	3861.6	3861.6	3861.6
2.5°	4150.2	4148.0	4189.8	4253.7	4313.2	4339.6	4383.7	4379.3	4344.0	4297.8	4282.4
5°	4476.2	4485.0	4557.7	4698.7	4855.1	4921.2	4949.8	4938.8	4874.9	4793.4	4650.2
7.5°	4771.4	4786.8	4899.2	5110.6	5304.5	5392.6	5463.1	5449.9	5357.4	5205.4	4993.9
10°	4987.3	5004.9	5139.3	5388.2	5604.1	5681.2	5771.5	5775.9	5694.4	5489.5	5273.7
12.5°	5203.2	5220.8	5346.4	5573.2	5714.2	5716.4	5769.3	5797.9	5802.3	5707.6	5491.7
15°	5427.9	5443.3	5557.8	5685.6	5679.0	5555.6	5555.6	5610.7	5731.9	5800.1	5650.3
17.5°	5619.5	5639.3	5727.4	5685.6	5489.5	5267.0	5240.6	5311.1	5522.6	5784.7	5769.3
20°	5778.1	5793.5	5842.0	5564.4	5207.6	4916.8	4866.1	4947.6	5234.0	5690.0	5859.6
22.5°	5930.1	5938.9	5912.5	5405.8	4903.6	4570.9	4509.3	4595.2	4903.6	5522.6	5936.7
25°	6110.7	6101.9	5976.4	5240.6	4626.0	4297.8	4233.9	4330.8	4652.4	5300.1	6020.4
27.5°	6320.0	6287.0	6031.4	5062.2	4412.3	4095.1	4051.1	4154.6	4454.2	5095.2	6086.5
30°	6498.4	6434.6	6040.3	4903.6	4302.2	4009.2	3982.8	4079.7	4357.3	4956.4	6170.2
32.5°	6696.7	6608.6	6090.9	4861.7	4363.9	4216.3	4251.5	4258.1	4383.7	4916.8	6295.8
35°	6980.9	6866.3	6229.7	4982.9	4998.3	5247.2	5375.0	5203.2	4782.4	5004.9	6533.7
37.5°	7410.4	7265.0	6511.7	5507.2	6309.0	6866.3	7174.7	6782.6	5994.0	5337.5	6892.8
40°	7932.5	7747.5	6872.9	6476.4	7533.8	8426.0	8974.5	8399.5	7240.8	6168.0	7397.2
42.5°	8661.7	8467.8	7573.4	7428.1	8668.3	9996.6	10712.5	9855.6	8340.0	7240.8	8205.7
45°	9932.7	9745.5	8857.7	8381.9	9996.6	11930.7	12935.2	11743.5	9456.9	8318.0	9716.8
47.5°	12281.0	12060.7	10765.4	9439.3	11512.2	14442.0	15847.4	14111.5	10617.8	9551.6	12254.5
50°	15100.6	14889.2	13159.9	10690.5	13186.3	17127.3	19081.2	16893.8	11954.9	11051.8	15287.9
52.5°	18493.0	18453.4	16576.5	12272.2	14928.8	19991.0	22669.7	19975.6	13419.8	13071.8	18724.3
55°	21550.6	21938.3	20916.2	14684.3	17180.1	23588.3	26359.5	23337.1	15406.8	16411.3	22749.0
57.5°	23198.4	24240.3	25811.0	19605.5	20453.6	27888.3	30912.8	27441.1	18821.3	21971.4	26480.6
60°	22110.1	23290.9	26137.0	23310.7	23700.6	31333.5	34670.9	30890.8	22174.0	25830.8	26269.1
62.5°	20299.4	21359.0	23890.1	21147.5	24202.9	32091.3	34759.0	31492.1	23506.8	23872.4	23729.2
65°	18151.6	19220.0	21900.9	18460.0	22605.8	30291.6	32194.9	29723.2	21112.2	21568.2	21621.1
67.5°	15298.9	16285.8	19015.1	16413.5	20605.6	27650.3	28258.3	27203.2	19442.5	20169.4	19409.4
70°	11430.7	12320.6	14730.5	13338.3	17369.6	24209.5	23718.2	23874.6	17567.8	18290.4	16213.1
72.5°	7811.4	8481.0	10547.3	10481.2	13300.9	19380.8	18695.7	20178.2	14673.3	15631.5	12360.3
75°	5463.1	5985.2	7624.1	8280.6	10053.9	14364.9	13314.1	15102.8	11459.3	12827.3	9018.5
77.5°	3352.8	3698.6	4815.5	6135.0	6467.6	9831.4	8269.6	11364.6	8047.1	9355.6	6016.0
80°	1676.4	1843.8	2339.4	3857.2	4289.0	5793.5	4566.5	6597.6	5445.5	5793.5	3328.5
82.5°	506.7	559.5	685.1	1464.9	2222.7	3335.1	2698.5	3833.0	2973.9	2716.1	1310.7
85°	134.4	152.0	189.4	434.0	779.8	1196.2	912.0	1857.0	1425.3	1002.3	493.4
87.5°	11.0	11.0	8.8	8.8	4.4	0.0	0.0	132.2	266.5	152.0	85.9
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°	3861.6	3861.6	3861.6	3861.6	3861.6	3861.6	3861.6	3861.6	3861.6	3861.6	3861.6
2.5°	4205.3	4196.5	4106.1	4040.1	3963.0	3888.1	3811.0	3742.7	3665.6	3588.5	3566.4
5°	4544.5	4482.8	4291.2	4130.4	3971.8	3833.0	3711.8	3586.3	3484.9	3385.8	3348.4
7.5°	4844.1	4736.2	4458.6	4214.1	3993.8	3822.0	3643.5	3460.7	3317.5	3176.5	3141.3
10°	5115.0	4971.9	4621.6	4313.2	4068.7	3872.6	3663.4	3418.8	3211.8	3040.0	2993.7
12.5°	5315.5	5159.1	4762.6	4407.9	4130.4	3910.1	3703.0	3487.1	3269.0	3046.6	2995.9
15°	5474.1	5311.1	4879.3	4480.6	4132.6	3848.4	3647.9	3573.0	3504.8	3286.7	3194.2
17.5°	5601.9	5430.1	4980.7	4524.7	4073.1	3661.2	3487.1	3597.3	3771.3	3634.7	3460.7
20°	5718.6	5544.6	5057.8	4555.5	3940.9	3403.4	3306.5	3540.0	3802.1	3797.7	3641.3
22.5°	5846.4	5676.8	5170.1	4573.1	3755.9	3141.3	3198.6	3456.3	3670.0	3733.9	3636.9
25°	6009.4	5859.6	5326.5	4612.8	3546.6	2960.6	3119.3	3348.4	3526.8	3542.2	3484.9
27.5°	6198.9	6086.5	5560.0	4705.3	3343.9	2868.1	3026.7	3196.4	3359.4	3366.0	3297.7
30°	6405.9	6331.0	5775.9	4782.4	3191.9	2839.5	2907.8	3044.4	3147.9	3165.5	3106.0
32.5°	6670.3	6604.2	5967.6	4731.8	3101.6	2832.9	2797.6	2868.1	2954.0	2954.0	2907.8
35°	7033.7	6941.2	6170.2	4537.9	2991.5	2806.4	2680.9	2700.7	2738.2	2744.8	2718.3
37.5°	7549.2	7397.2	6375.1	4154.6	2810.9	2711.7	2546.5	2522.3	2535.5	2553.1	2546.5
40°	8188.0	7939.1	6674.7	3694.2	2595.0	2528.9	2407.7	2361.5	2350.5	2385.7	2398.9
42.5°	8992.1	8611.0	6996.3	3264.6	2398.9	2319.6	2244.7	2205.1	2187.4	2246.9	2282.2
45°	10276.4	9648.5	7304.7	2839.5	2288.8	2141.2	2090.5	2061.9	2070.7	2141.2	2185.2
47.5°	12494.6	11232.4	7597.7	2570.7	2280.0	2013.4	1951.7	1958.3	1982.6	2057.5	2110.3
50°	15301.1	13353.8	7793.7	2458.4	2306.4	1936.3	1854.8	1890.1	1927.5	2000.2	2061.9
52.5°	18158.2	15329.7	7560.2	2396.7	2304.2	1938.5	1764.5	1870.2	1887.9	1960.5	2026.6
55°	20123.2	15550.0	6531.5	2302.0	2268.9	2026.6	1694.0	1861.4	1872.4	1938.5	1998.0
57.5°	20872.1	14796.6	4980.7	2328.4	2163.2	2094.9	1663.2	1799.7	1879.0	1936.3	1998.0
60°	19966.8	13375.8	3026.7	2396.7	1993.6	2090.5	1683.0	1687.4	1824.0	1920.9	1982.6
62.5°	18259.5	11551.8	2125.8	2202.9	1870.2	1973.8	1729.2	1555.2	1727.0	1843.8	1898.9
65°	16303.4	9406.2	1621.3	1896.7	1810.8	1793.1	1744.7	1438.5	1594.9	1709.4	1757.9
67.5°	14265.7	7311.3	1317.3	1414.2	1636.7	1621.3	1594.9	1334.9	1438.5	1520.0	1575.0
70°	11699.4	5115.0	1112.4	1061.8	1403.2	1453.9	1394.4	1205.0	1238.0	1321.7	1365.8
72.5°	8558.1	3187.5	914.2	876.7	1127.9	1271.1	1240.2	1061.8	1077.2	1156.5	1191.7
75°	6154.8	1824.0	733.6	722.5	861.3	1088.2	1026.5	914.2	931.8	991.3	1015.5
77.5°	3912.3	1015.5	566.1	581.6	616.8	812.9	876.7	782.0	782.0	817.3	837.1
80°	2094.9	581.6	414.1	420.7	431.8	621.2	691.7	605.8	605.8	581.6	605.8
82.5°	854.7	334.8	284.2	264.3	288.6	425.2	484.6	385.5	403.1	363.5	372.3
85°	282.0	167.4	141.0	138.8	136.6	187.2	233.5	191.6	229.1	145.4	152.0
87.5°	37.4	30.8	17.6	13.2	15.4	6.6	13.2	15.4	15.4	11.0	11.0
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°	3861.6	3861.6	3861.6	3861.6	3861.6	3861.6	3861.6	3861.6	3861.6	3861.6	3861.6
2.5°	3551.0	3533.4	3469.5	3484.9	3473.9	3456.3	3473.9	3440.9	3467.3	3476.1	3531.2
5°	3319.7	3277.9	3216.2	3185.3	3178.7	3161.1	3163.3	3147.9	3152.3	3189.7	3251.4
7.5°	3112.6	3073.0	3024.5	3002.5	2982.7	2962.9	2960.6	2958.4	2976.1	3009.1	3068.6
10°	2962.9	2940.8	2921.0	2929.8	2921.0	2912.2	2896.8	2896.8	2925.4	2984.9	3057.6
12.5°	2962.9	2958.4	2962.9	2989.3	2987.1	2989.3	2969.5	2980.5	3059.8	3161.1	3264.6
15°	3121.5	3086.2	3086.2	3099.4	3095.0	3095.0	3095.0	3141.3	3321.9	3478.3	3588.5
17.5°	3315.3	3211.8	3167.7	3161.1	3158.9	3158.9	3167.7	3266.8	3548.8	3714.0	3777.9
20°	3449.7	3253.6	3180.9	3152.3	3154.5	3158.9	3185.3	3321.9	3632.5	3716.2	3700.8
22.5°	3473.9	3220.6	3132.5	3090.6	3097.2	3101.6	3141.3	3286.7	3518.0	3531.2	3500.4
25°	3361.6	3128.1	3033.3	3000.3	3009.1	3006.9	3042.2	3147.9	3313.1	3308.7	3291.1
27.5°	3194.2	2980.5	2910.0	2888.0	2903.4	2885.8	2896.8	2978.3	3106.0	3101.6	3095.0
30°	3022.3	2837.3	2773.4	2762.4	2782.2	2755.8	2758.0	2826.3	2914.4	2910.0	2907.8
32.5°	2850.5	2694.1	2636.8	2636.8	2656.7	2628.0	2632.4	2691.9	2751.4	2733.8	2733.8
35°	2687.5	2577.4	2531.1	2522.3	2537.7	2517.9	2526.7	2581.8	2603.8	2579.6	2564.1
37.5°	2544.3	2495.8	2449.6	2418.7	2420.9	2423.2	2449.6	2491.4	2478.2	2443.0	2423.2
40°	2412.1	2412.1	2368.1	2310.8	2304.2	2319.6	2363.7	2409.9	2372.5	2332.8	2308.6
42.5°	2317.4	2337.2	2295.4	2238.1	2224.9	2251.3	2299.8	2332.8	2288.8	2244.7	2211.7
45°	2229.3	2277.8	2249.1	2185.2	2167.6	2198.5	2260.1	2273.4	2213.9	2172.0	2147.8
47.5°	2167.6	2233.7	2213.9	2152.2	2125.8	2169.8	2233.7	2231.5	2156.6	2112.5	2092.7
50°	2123.6	2207.3	2205.1	2152.2	2123.6	2178.6	2235.9	2207.3	2125.8	2079.5	2059.7
52.5°	2088.3	2205.1	2220.5	2189.6	2169.8	2218.3	2253.5	2198.5	2103.7	2055.3	2039.9
55°	2072.9	2213.9	2224.9	2196.3	2178.6	2222.7	2253.5	2216.1	2103.7	2059.7	2046.5
57.5°	2077.3	2202.9	2205.1	2165.4	2134.6	2189.6	2238.1	2227.1	2128.0	2077.3	2061.9
60°	2050.9	2143.4	2147.8	2086.1	2050.9	2117.0	2202.9	2196.3	2117.0	2064.1	2035.4
62.5°	1962.8	2044.3	2046.5	1989.2	1938.5	2033.2	2128.0	2125.8	2053.1	2000.2	1967.2
65°	1815.2	1901.1	1923.1	1868.0	1828.4	1929.7	2028.8	2024.4	1951.7	1903.3	1870.2
67.5°	1632.3	1724.8	1766.7	1729.2	1713.8	1806.3	1898.9	1896.7	1837.2	1790.9	1762.3
70°	1409.8	1486.9	1557.4	1557.4	1546.4	1652.1	1751.3	1742.5	1687.4	1652.1	1630.1
72.5°	1224.8	1284.3	1306.3	1328.3	1361.4	1471.5	1555.2	1561.8	1522.2	1504.6	1522.2
75°	1042.0	1079.4	1099.2	1081.6	1138.9	1253.4	1363.6	1374.6	1332.7	1304.1	1310.7
77.5°	856.9	898.8	918.6	878.9	874.5	1019.9	1154.3	1178.5	1143.3	1099.2	1112.4
80°	619.0	674.1	707.1	680.7	671.9	735.8	920.8	947.2	914.2	878.9	898.8
82.5°	378.9	409.7	418.5	445.0	500.1	526.5	592.6	680.7	656.5	625.6	680.7
85°	149.8	178.4	198.3	224.7	262.1	310.6	365.7	436.2	396.5	383.3	451.6
87.5°	8.8	2.2	0.0	4.4	37.4	72.7	156.4	215.9	180.6	193.9	233.5
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3861.6	3861.6	3861.6	3861.6	3861.6	3861.6	3861.6	3861.6	3861.6	3861.6
2.5°	3575.2	3632.5	3709.6	3773.5	3855.0	3932.1	4011.4	4090.7	4132.6	4150.2
5°	3321.9	3427.7	3551.0	3687.6	3846.2	4013.6	4183.2	4357.3	4467.4	4476.2
7.5°	3169.9	3321.9	3491.5	3663.4	3859.4	4090.7	4359.5	4628.2	4740.6	4771.4
10°	3218.4	3388.0	3522.4	3683.2	3899.1	4187.6	4504.9	4819.9	4949.8	4987.3
12.5°	3412.2	3445.3	3487.1	3634.7	3899.1	4271.4	4654.7	5029.1	5167.9	5203.2
15°	3573.0	3414.4	3339.5	3495.9	3846.2	4344.0	4813.3	5227.4	5394.8	5427.9
17.5°	3586.3	3313.1	3150.1	3291.1	3753.7	4394.7	4965.3	5447.7	5588.7	5619.5
20°	3451.9	3205.2	2993.7	3079.6	3628.1	4416.7	5075.4	5608.5	5747.3	5778.1
22.5°	3299.9	3117.1	2888.0	2883.5	3476.1	4441.0	5207.6	5760.5	5910.3	5930.1
25°	3156.7	2995.9	2802.0	2740.4	3299.9	4487.2	5386.0	5989.6	6104.1	6110.7
27.5°	2989.3	2865.9	2733.8	2674.3	3145.7	4575.3	5650.3	6262.7	6331.0	6320.0
30°	2837.3	2744.8	2685.3	2667.7	3048.8	4641.4	5901.5	6531.5	6535.9	6498.4
32.5°	2676.5	2641.2	2641.2	2698.5	2969.5	4626.0	6106.3	6793.6	6751.8	6696.7
35°	2533.3	2539.9	2586.2	2720.5	2837.3	4471.8	6302.4	7121.9	7060.2	6980.9
37.5°	2396.7	2447.4	2513.5	2643.4	2663.3	4242.7	6531.5	7586.7	7509.6	7410.4
40°	2280.0	2357.1	2434.2	2498.0	2478.2	3916.7	6850.9	8133.0	8047.1	7932.5
42.5°	2187.4	2262.3	2348.3	2354.9	2361.5	3577.5	7190.1	8802.6	8787.2	8661.7
45°	2128.0	2176.4	2257.9	2246.9	2354.9	3203.0	7503.0	9824.8	10027.4	9932.7
47.5°	2088.3	2125.8	2134.6	2180.8	2412.1	2868.1	7906.1	11825.0	12388.9	12281.0
50°	2066.3	2103.7	2004.6	2185.2	2420.9	2652.2	8463.4	14336.2	15243.8	15100.6
52.5°	2064.1	2055.3	1905.5	2231.5	2372.5	2520.1	8754.2	16169.0	18182.4	18493.0
55°	2068.5	1958.3	1854.8	2244.7	2275.6	2471.6	7780.5	17050.2	20894.2	21550.6
57.5°	2028.8	1852.6	1883.4	2191.8	2092.7	2601.6	5751.7	16735.2	21978.0	23198.4
60°	1953.9	1751.3	1936.3	2048.7	1905.5	2379.1	3960.7	15329.7	20854.5	22110.1
62.5°	1846.0	1680.8	1929.7	1863.6	1837.2	1947.3	2722.7	13362.6	19072.4	20299.4
65°	1724.8	1623.5	1826.2	1685.2	1700.6	1497.9	1925.3	11142.1	16944.4	18151.6
67.5°	1594.9	1588.3	1674.2	1500.2	1436.3	1187.3	1403.2	8930.4	14210.7	15298.9
70°	1447.3	1495.7	1522.2	1332.7	1165.3	931.8	1042.0	6245.1	10483.4	11430.7
72.5°	1299.7	1304.1	1341.5	1158.7	872.3	746.8	782.0	3782.3	7121.9	7811.4
75°	1149.9	1108.0	1143.3	942.8	649.8	612.4	603.6	2337.2	4919.0	5463.1
77.5°	989.1	942.8	896.6	709.3	522.1	473.6	462.6	1310.7	3017.9	3352.8
80°	804.0	742.4	669.7	519.9	381.1	339.2	337.0	638.8	1504.6	1676.4
82.5°	625.6	508.9	489.0	323.8	235.7	207.1	220.3	244.5	453.8	506.7
85°	438.4	370.1	259.9	130.0	105.7	85.9	83.7	72.7	121.2	134.4
87.5°	244.5	160.8	83.7	15.4	17.6	19.8	15.4	11.0	11.0	11.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)