

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: P638211

Luminaire Tested: GWS-SA4E-735-U-SLR-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P638211
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-SA4E-735-U-SLR-W
Description: GALLEON WALL SLIM LUMINAIRE. (4) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT OPTICS
Light Source: (64) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 28578.8 lumens
Efficiency: N/A
Efficacy: 141.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G4

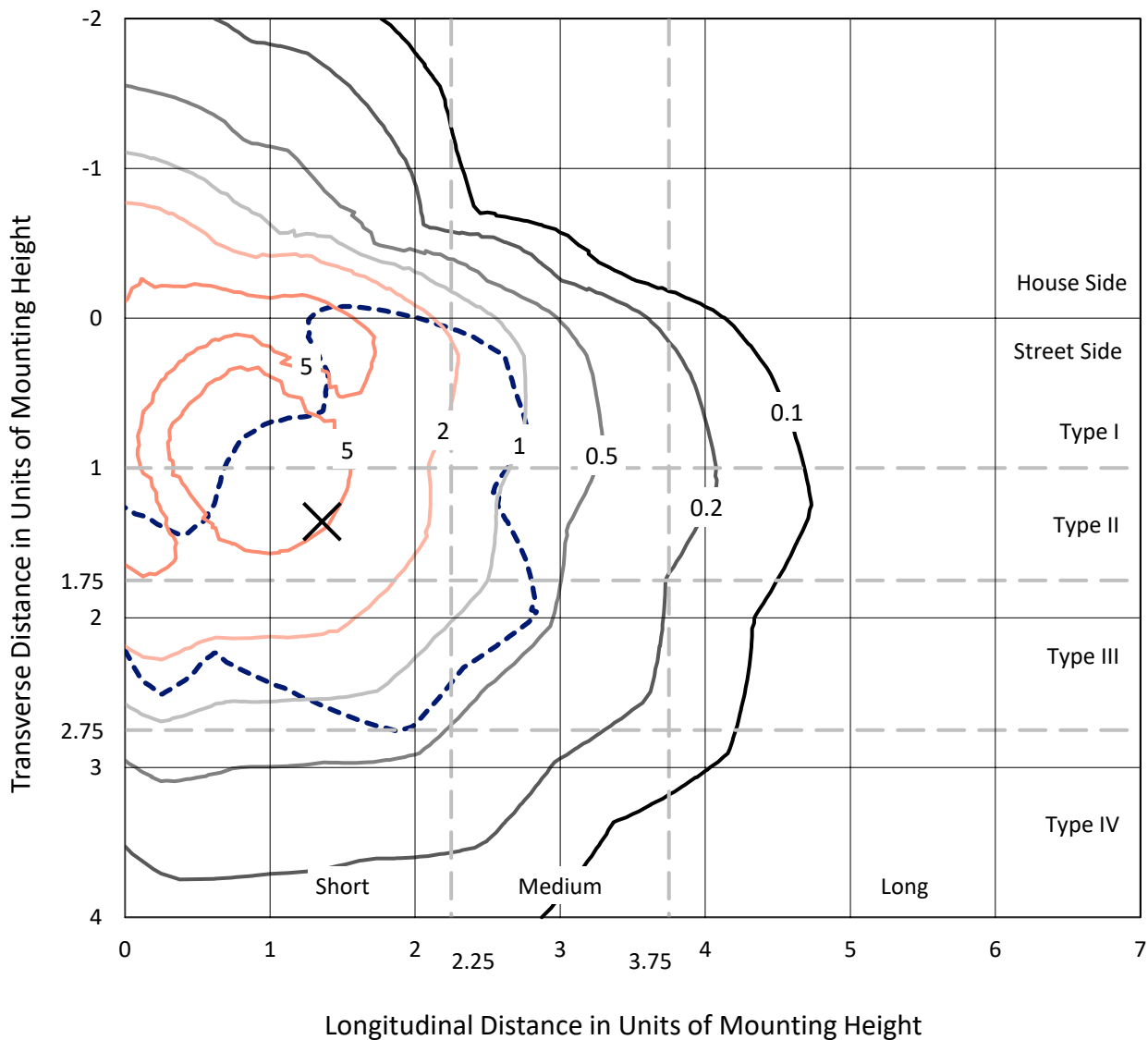
Input Watts (W): 202.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

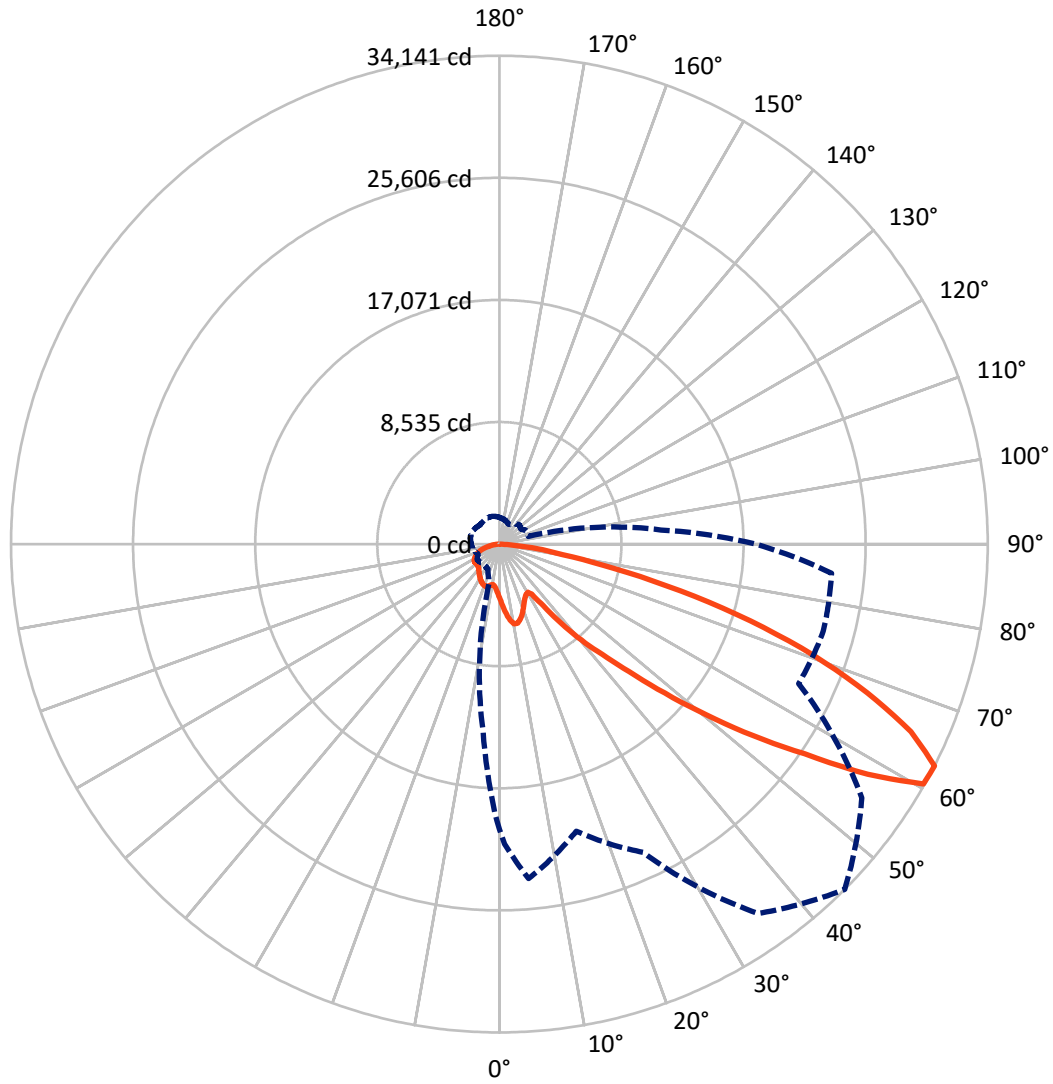
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.7 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	6819.4	0.0	6819.4
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	21759.4	0.0	21759.4
	% Fixture	76.1	0.0	76.1
Total	Lumens	28578.8	0.0	28578.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	370.4	1.3
10°-20°	1161.2	4.1
20°-30°	1803.7	6.3
30°-40°	2448.9	8.6
40°-50°	3881.3	13.6
50°-60°	6846.7	24.0
60°-70°	7618.0	26.7
70°-80°	3863.5	13.5
80°-90°	585.0	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°	28578.8	100.0
0°-180°	28578.8	100.0

Coefficient of Utilization



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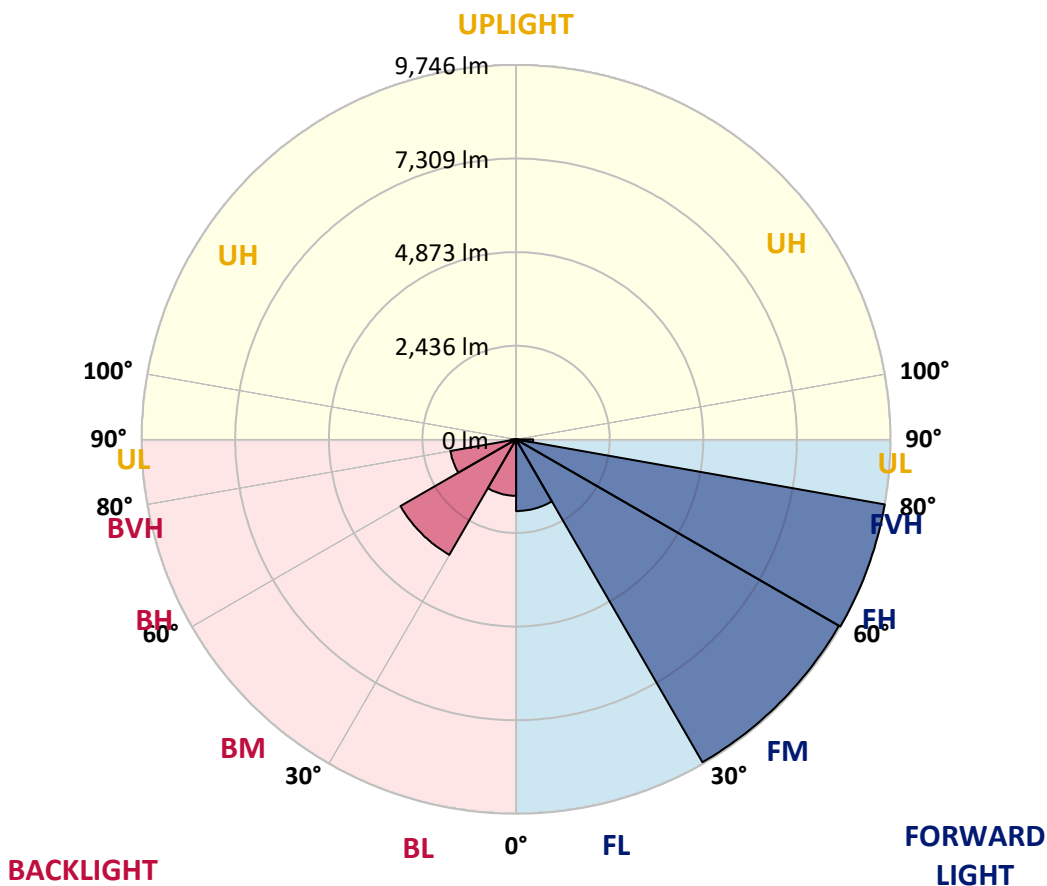
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1866.0	6.5			
FM (30°-60°)	9703.7	34.0			
FH (60°-80°)	9745.6	34.1			G4/12000
FVH (80°-90°)	444.0	1.6			G3/500
BL (0°-30°)	1469.4	5.1	B3/2500		
BM (30°-60°)	3473.2	12.2	B3/5000		
BH (60°-80°)	1735.9	6.1	B3/2500		G3/2500
BVH (80°-90°)	141.0	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°	3793.0	3793.0	3793.0	3793.0	3793.0	3793.0	3793.0	3793.0	3793.0	3793.0	3793.0
2.5°	4076.4	4074.3	4115.4	4178.1	4236.6	4262.5	4305.8	4301.5	4266.8	4221.4	4206.3
5°	4396.7	4405.3	4476.7	4615.2	4768.8	4833.7	4861.9	4851.0	4788.3	4708.2	4567.6
7.5°	4686.6	4701.8	4812.1	5019.8	5210.2	5296.8	5366.0	5353.0	5262.2	5112.9	4905.1
10°	4898.6	4916.0	5047.9	5292.4	5504.5	5580.2	5668.9	5673.3	5593.2	5392.0	5179.9
12.5°	5110.7	5128.0	5251.3	5474.2	5612.7	5614.8	5666.8	5694.9	5699.2	5606.2	5394.1
15°	5331.4	5346.5	5459.1	5584.5	5578.1	5456.9	5456.9	5511.0	5630.0	5697.1	5549.9
17.5°	5519.6	5539.1	5625.7	5584.5	5392.0	5173.4	5147.5	5216.7	5424.4	5681.9	5666.8
20°	5675.4	5690.6	5738.2	5465.5	5115.0	4829.4	4779.6	4859.7	5141.0	5588.9	5755.5
22.5°	5824.7	5833.4	5807.4	5309.8	4816.4	4489.7	4429.1	4513.5	4816.4	5424.4	5831.2
25°	6002.1	5993.5	5870.2	5147.5	4543.8	4221.4	4158.7	4253.9	4569.8	5205.9	5913.4
27.5°	6207.7	6175.2	5924.2	4972.2	4333.9	4022.3	3979.1	4080.8	4375.0	5004.7	5978.3
30°	6383.0	6320.2	5932.9	4816.4	4225.7	3938.0	3912.0	4007.2	4279.8	4868.4	6060.6
32.5°	6577.7	6491.1	5982.7	4775.3	4286.3	4141.3	4176.0	4182.5	4305.8	4829.4	6183.9
35°	6856.8	6744.3	6119.0	4894.3	4909.5	5154.0	5279.5	5110.7	4697.4	4916.0	6417.6
37.5°	7278.7	7135.9	6395.9	5409.3	6196.9	6744.3	7047.2	6662.1	5887.5	5242.7	6770.3
40°	7791.5	7609.8	6750.8	6361.3	7399.9	8276.2	8815.0	8250.2	7112.1	6058.4	7265.8
42.5°	8507.7	8317.3	7438.8	7296.0	8514.2	9818.9	10522.1	9680.5	8191.8	7112.1	8059.8
45°	9756.2	9572.3	8700.3	8232.9	9818.9	11718.7	12705.3	11534.8	9288.8	8170.2	9544.1
47.5°	12062.7	11846.3	10574.1	9271.5	11307.6	14185.3	15565.8	13860.8	10429.1	9381.9	12036.7
50°	14832.3	14624.5	12926.0	10500.5	12952.0	16822.9	18742.1	16593.5	11742.5	10855.4	15016.2
52.5°	18164.4	18125.4	16281.9	12054.0	14663.5	19635.7	22266.8	19620.6	13181.3	12839.5	18391.6
55°	21167.6	21548.4	20544.5	14423.3	16874.8	23169.0	25891.0	22922.4	15133.0	16119.7	22344.7
57.5°	22786.1	23809.5	25352.2	19257.1	20090.1	27392.6	30363.4	26953.4	18486.8	21580.9	26010.0
60°	21717.2	22876.9	25672.5	22896.4	23279.4	30776.7	34054.7	30341.8	21779.9	25371.7	25802.3
62.5°	19938.6	20979.4	23465.5	20771.7	23772.7	31521.0	34141.2	30932.5	23089.0	23448.2	23307.5
65°	17829.0	18878.4	21511.6	18131.9	22204.0	29753.2	31622.7	29195.0	20737.0	21184.9	21236.9
67.5°	15027.0	15996.3	18677.2	16121.8	20239.4	27158.9	27756.1	26719.7	19096.9	19811.0	19064.5
70°	11227.5	12101.7	14468.8	13101.3	17060.9	23779.2	23296.7	23450.3	17255.6	17965.3	15924.9
72.5°	7672.5	8330.3	10359.9	10295.0	13064.5	19036.4	18363.4	19819.6	14412.5	15353.7	12140.6
75°	5366.0	5878.8	7488.6	8133.4	9875.2	14109.6	13077.5	14834.4	11255.6	12599.3	8858.2
77.5°	3293.2	3632.9	4729.9	6025.9	6352.7	9656.7	8122.6	11162.6	7904.0	9189.3	5909.1
80°	1646.6	1811.0	2297.9	3788.7	4212.8	5690.6	4485.4	6480.3	5348.7	5690.6	3269.4
82.5°	497.7	549.6	672.9	1438.9	2183.2	3275.9	2650.5	3764.9	2921.0	2667.9	1287.4
85°	132.0	149.3	186.1	426.3	766.0	1174.9	895.8	1824.0	1399.9	984.5	484.7
87.5°	10.8	10.8	8.7	8.7	4.3	0.0	0.0	129.8	261.8	149.3	84.4
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°	3793.0	3793.0	3793.0	3793.0	3793.0	3793.0	3793.0	3793.0	3793.0	3793.0	3793.0
2.5°	4130.5	4121.9	4033.2	3968.3	3892.5	3819.0	3743.2	3676.1	3600.4	3524.7	3503.1
5°	4463.7	4403.2	4214.9	4057.0	3901.2	3764.9	3645.9	3522.5	3423.0	3325.6	3288.8
7.5°	4758.0	4652.0	4379.4	4139.2	3922.8	3754.0	3578.8	3399.2	3258.6	3120.1	3085.5
10°	5024.1	4883.5	4539.5	4236.6	3996.4	3803.8	3598.3	3358.1	3154.7	2985.9	2940.5
12.5°	5221.0	5067.4	4677.9	4329.6	4057.0	3840.6	3637.2	3425.2	3211.0	2992.4	2942.7
15°	5376.8	5216.7	4792.6	4401.0	4059.1	3780.0	3583.1	3509.5	3442.5	3228.3	3137.4
17.5°	5502.3	5333.6	4892.2	4444.3	4000.7	3596.1	3425.2	3533.3	3704.3	3570.1	3399.2
20°	5617.0	5446.1	4967.9	4474.6	3870.9	3342.9	3247.7	3477.1	3734.6	3730.2	3576.6
22.5°	5742.5	5575.9	5078.2	4491.9	3689.1	3085.5	3141.7	3394.9	3604.7	3667.5	3572.3
25°	5902.6	5755.5	5231.9	4530.8	3483.6	2908.0	3063.8	3288.8	3464.1	3479.3	3423.0
27.5°	6088.7	5978.3	5461.2	4621.7	3284.5	2817.2	2972.9	3139.5	3299.7	3306.2	3239.1
30°	6292.1	6218.5	5673.3	4697.4	3135.2	2789.0	2856.1	2990.3	3091.9	3109.3	3050.8
32.5°	6551.7	6486.8	5861.5	4647.7	3046.5	2782.5	2747.9	2817.2	2901.5	2901.5	2856.1
35°	6908.7	6817.9	6060.6	4457.3	2938.3	2756.6	2633.2	2652.7	2689.5	2696.0	2670.0
37.5°	7415.0	7265.8	6261.8	4080.8	2760.9	2663.5	2501.3	2477.5	2490.4	2507.7	2501.3
40°	8042.5	7798.0	6556.1	3628.5	2548.9	2483.9	2364.9	2319.5	2308.7	2343.3	2356.3
42.5°	8832.3	8458.0	6872.0	3206.6	2356.3	2278.4	2204.8	2165.9	2148.6	2207.0	2241.6
45°	10093.7	9477.1	7174.9	2789.0	2248.1	2103.1	2053.4	2025.2	2033.9	2103.1	2146.4
47.5°	12272.6	11032.8	7462.6	2525.1	2239.4	1977.6	1917.1	1923.5	1947.3	2020.9	2072.8
50°	15029.2	13116.4	7655.2	2414.7	2265.4	1901.9	1821.8	1856.5	1893.2	1964.7	2025.2
52.5°	17835.5	15057.3	7425.9	2354.1	2263.2	1904.1	1733.1	1837.0	1854.3	1925.7	1990.6
55°	19765.5	15273.7	6415.4	2261.1	2228.6	1990.6	1663.9	1828.3	1839.2	1904.1	1962.5
57.5°	20501.2	14533.7	4892.2	2287.0	2124.8	2057.7	1633.6	1767.8	1845.6	1901.9	1962.5
60°	19611.9	13138.1	2972.9	2354.1	1958.2	2053.4	1653.1	1657.4	1791.6	1886.8	1947.3
62.5°	17935.0	11346.5	2088.0	2163.7	1837.0	1938.7	1698.5	1527.6	1696.4	1811.0	1865.1
65°	16013.6	9239.1	1592.5	1863.0	1778.6	1761.3	1713.7	1412.9	1566.5	1679.0	1726.6
67.5°	14012.2	7181.4	1293.9	1389.1	1607.6	1592.5	1566.5	1311.2	1412.9	1493.0	1547.1
70°	11491.5	5024.1	1092.7	1042.9	1378.3	1428.1	1369.6	1183.6	1216.0	1298.2	1341.5
72.5°	8406.0	3130.9	897.9	861.2	1107.8	1248.5	1218.2	1042.9	1058.1	1135.9	1170.6
75°	6045.4	1791.6	720.5	709.7	846.0	1068.9	1008.3	897.9	915.3	973.7	997.5
77.5°	3842.8	997.5	556.1	571.2	605.8	798.4	861.2	768.1	768.1	802.7	822.2
80°	2057.7	571.2	406.8	413.3	424.1	610.2	679.4	595.0	595.0	571.2	595.0
82.5°	839.5	328.9	279.1	259.6	283.4	417.6	476.0	378.6	396.0	357.0	365.7
85°	277.0	164.4	138.5	136.3	134.2	183.9	229.4	188.2	225.0	142.8	149.3
87.5°	36.8	30.3	17.3	13.0	15.1	6.5	13.0	15.1	15.1	10.8	10.8
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°	3793.0	3793.0	3793.0	3793.0	3793.0	3793.0	3793.0	3793.0	3793.0	3793.0	3793.0
2.5°	3487.9	3470.6	3407.8	3423.0	3412.2	3394.9	3412.2	3379.7	3405.7	3414.3	3468.4
5°	3260.7	3219.6	3159.0	3128.7	3122.2	3104.9	3107.1	3091.9	3096.3	3133.1	3193.6
7.5°	3057.3	3018.4	2970.8	2949.1	2929.7	2910.2	2908.0	2905.9	2923.2	2955.6	3014.1
10°	2910.2	2888.6	2869.1	2877.7	2869.1	2860.4	2845.3	2845.3	2873.4	2931.8	3003.2
12.5°	2910.2	2905.9	2910.2	2936.2	2934.0	2936.2	2916.7	2927.5	3005.4	3104.9	3206.6
15°	3066.0	3031.4	3031.4	3044.3	3040.0	3040.0	3040.0	3085.5	3262.9	3416.5	3524.7
17.5°	3256.4	3154.7	3111.4	3104.9	3102.8	3102.8	3111.4	3208.8	3485.7	3648.0	3710.8
20°	3388.4	3195.8	3124.4	3096.3	3098.4	3102.8	3128.7	3262.9	3568.0	3650.2	3635.0
22.5°	3412.2	3163.3	3076.8	3035.7	3042.2	3046.5	3085.5	3228.3	3455.5	3468.4	3438.1
25°	3301.8	3072.5	2979.4	2947.0	2955.6	2953.5	2988.1	3091.9	3254.2	3249.9	3232.6
27.5°	3137.4	2927.5	2858.3	2836.6	2851.8	2834.5	2845.3	2925.3	3050.8	3046.5	3040.0
30°	2968.6	2786.9	2724.1	2713.3	2732.8	2706.8	2709.0	2776.0	2862.6	2858.3	2856.1
32.5°	2799.8	2646.2	2590.0	2590.0	2609.4	2581.3	2585.6	2644.1	2702.5	2685.2	2685.2
35°	2639.7	2531.5	2486.1	2477.5	2492.6	2473.1	2481.8	2535.9	2557.5	2533.7	2518.6
37.5°	2499.1	2451.5	2406.0	2375.8	2377.9	2380.1	2406.0	2447.2	2434.2	2399.6	2380.1
40°	2369.3	2369.3	2326.0	2269.7	2263.2	2278.4	2321.7	2367.1	2330.3	2291.4	2267.6
42.5°	2276.2	2295.7	2254.6	2198.3	2185.4	2211.3	2258.9	2291.4	2248.1	2204.8	2172.4
45°	2189.7	2237.3	2209.2	2146.4	2129.1	2159.4	2220.0	2233.0	2174.5	2133.4	2109.6
47.5°	2129.1	2194.0	2174.5	2113.9	2088.0	2131.3	2194.0	2191.8	2118.3	2075.0	2055.5
50°	2085.8	2168.0	2165.9	2113.9	2085.8	2139.9	2196.2	2168.0	2088.0	2042.5	2023.1
52.5°	2051.2	2165.9	2181.0	2150.7	2131.3	2178.9	2213.5	2159.4	2066.3	2018.7	2003.6
55°	2036.1	2174.5	2185.4	2157.2	2139.9	2183.2	2213.5	2176.7	2066.3	2023.1	2010.1
57.5°	2040.4	2163.7	2165.9	2126.9	2096.6	2150.7	2198.3	2187.5	2090.1	2040.4	2025.2
60°	2014.4	2105.3	2109.6	2049.0	2014.4	2079.3	2163.7	2157.2	2079.3	2027.4	1999.3
62.5°	1927.9	2007.9	2010.1	1953.8	1904.1	1997.1	2090.1	2088.0	2016.6	1964.7	1932.2
65°	1782.9	1867.3	1888.9	1834.8	1795.9	1895.4	1992.8	1988.5	1917.1	1869.4	1837.0
67.5°	1603.3	1694.2	1735.3	1698.5	1683.4	1774.2	1865.1	1863.0	1804.5	1759.1	1731.0
70°	1384.8	1460.5	1529.7	1529.7	1518.9	1622.8	1720.2	1711.5	1657.4	1622.8	1601.1
72.5°	1203.0	1261.4	1283.1	1304.7	1337.2	1445.4	1527.6	1534.1	1495.1	1477.8	1495.1
75°	1023.4	1060.2	1079.7	1062.4	1118.6	1231.2	1339.3	1350.2	1309.0	1280.9	1287.4
77.5°	841.7	882.8	902.3	863.3	859.0	1001.8	1133.8	1157.6	1123.0	1079.7	1092.7
80°	608.0	662.1	694.6	668.6	659.9	722.7	904.4	930.4	897.9	863.3	882.8
82.5°	372.2	402.5	411.1	437.1	491.2	517.1	582.0	668.6	644.8	614.5	668.6
85°	147.1	175.3	194.7	220.7	257.5	305.1	359.2	428.4	389.5	376.5	443.6
87.5°	8.7	2.2	0.0	4.3	36.8	71.4	153.6	212.0	177.4	190.4	229.4
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°	3793.0	3793.0	3793.0	3793.0	3793.0	3793.0	3793.0	3793.0	3793.0	3793.0
2.5°	3511.7	3568.0	3643.7	3706.4	3786.5	3862.2	3940.1	4018.0	4059.1	4076.4
5°	3262.9	3366.7	3487.9	3622.1	3777.8	3942.3	4108.9	4279.8	4388.0	4396.7
7.5°	3113.6	3262.9	3429.5	3598.3	3790.8	4018.0	4282.0	4546.0	4656.3	4686.6
10°	3161.2	3327.8	3459.8	3617.7	3829.8	4113.2	4424.8	4734.2	4861.9	4898.6
12.5°	3351.6	3384.0	3425.2	3570.1	3829.8	4195.4	4571.9	4939.8	5076.1	5110.7
15°	3509.5	3353.8	3280.2	3433.8	3777.8	4266.8	4727.7	5134.5	5298.9	5331.4
17.5°	3522.5	3254.2	3094.1	3232.6	3687.0	4316.6	4877.0	5350.9	5489.3	5519.6
20°	3390.5	3148.2	2940.5	3024.9	3563.6	4338.2	4985.2	5508.8	5645.1	5675.4
22.5°	3241.2	3061.7	2836.6	2832.3	3414.3	4362.0	5115.0	5658.1	5805.2	5824.7
25°	3100.6	2942.7	2752.2	2691.7	3241.2	4407.5	5290.3	5883.1	5995.7	6002.1
27.5°	2936.2	2815.0	2685.2	2626.7	3089.8	4494.0	5549.9	6151.4	6218.5	6207.7
30°	2786.9	2696.0	2637.6	2620.3	2994.6	4558.9	5796.6	6415.4	6419.7	6383.0
32.5°	2628.9	2594.3	2594.3	2650.5	2916.7	4543.8	5997.8	6672.9	6631.8	6577.7
35°	2488.3	2494.8	2540.2	2672.2	2786.9	4392.3	6190.4	6995.3	6934.7	6856.8
37.5°	2354.1	2403.9	2468.8	2596.5	2615.9	4167.3	6415.4	7451.8	7376.1	7278.7
40°	2239.4	2315.2	2390.9	2453.7	2434.2	3847.1	6729.2	7988.4	7904.0	7791.5
42.5°	2148.6	2222.1	2306.5	2313.0	2319.5	3513.9	7062.4	8646.2	8631.1	8507.7
45°	2090.1	2137.7	2217.8	2207.0	2313.0	3146.0	7369.6	9650.2	9849.2	9756.2
47.5°	2051.2	2088.0	2096.6	2142.1	2369.3	2817.2	7765.6	11614.8	12168.7	12062.7
50°	2029.6	2066.3	1969.0	2146.4	2377.9	2605.1	8313.0	14081.4	14972.9	14832.3
52.5°	2027.4	2018.7	1871.6	2191.8	2330.3	2475.3	8598.6	15881.7	17859.3	18164.4
55°	2031.7	1923.5	1821.8	2204.8	2235.1	2427.7	7642.2	16747.1	20522.8	21167.6
57.5°	1992.8	1819.7	1850.0	2152.9	2055.5	2555.3	5649.5	16437.7	21587.4	22786.1
60°	1919.2	1720.2	1901.9	2012.3	1871.6	2336.8	3890.4	15057.3	20483.9	21717.2
62.5°	1813.2	1650.9	1895.4	1830.5	1804.5	1912.7	2674.4	13125.1	18733.4	19938.6
65°	1694.2	1594.7	1793.7	1655.2	1670.4	1471.3	1891.1	10944.1	16643.3	17829.0
67.5°	1566.5	1560.0	1644.4	1473.5	1410.7	1166.2	1378.3	8771.7	13958.1	15027.0
70°	1421.6	1469.2	1495.1	1309.0	1144.6	915.3	1023.4	6134.1	10297.1	11227.5
72.5°	1276.6	1280.9	1317.7	1138.1	856.8	733.5	768.1	3715.1	6995.3	7672.5
75°	1129.5	1088.3	1123.0	926.1	638.3	601.5	592.9	2295.7	4831.6	5366.0
77.5°	971.5	926.1	880.6	696.7	512.8	465.2	454.4	1287.4	2964.3	3293.2
80°	789.8	729.2	657.8	510.6	374.3	333.2	331.0	627.5	1477.8	1646.6
82.5°	614.5	499.8	480.3	318.1	231.5	203.4	216.4	240.2	445.7	497.7
85°	430.6	363.5	255.3	127.7	103.9	84.4	82.2	71.4	119.0	132.0
87.5°	240.2	158.0	82.2	15.1	17.3	19.5	15.1	10.8	10.8	10.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)