Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1203839

Luminaire Tested: GWC-SB2D-827-U-SL4

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203839
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-9)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2D-827-U-SL4
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 2700K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	17537 lumens
Efficiency:	N/A
Efficacy:	118.8 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B3 - U0 - G3

Input Watts (W):	147.6
Input Voltage (V):	120.0
Input Current (Ain):	1.234
Voltage Rise (V):	NR
Power Factor:	0.999
Total Harmonic Distortion (THDi):	3.108
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

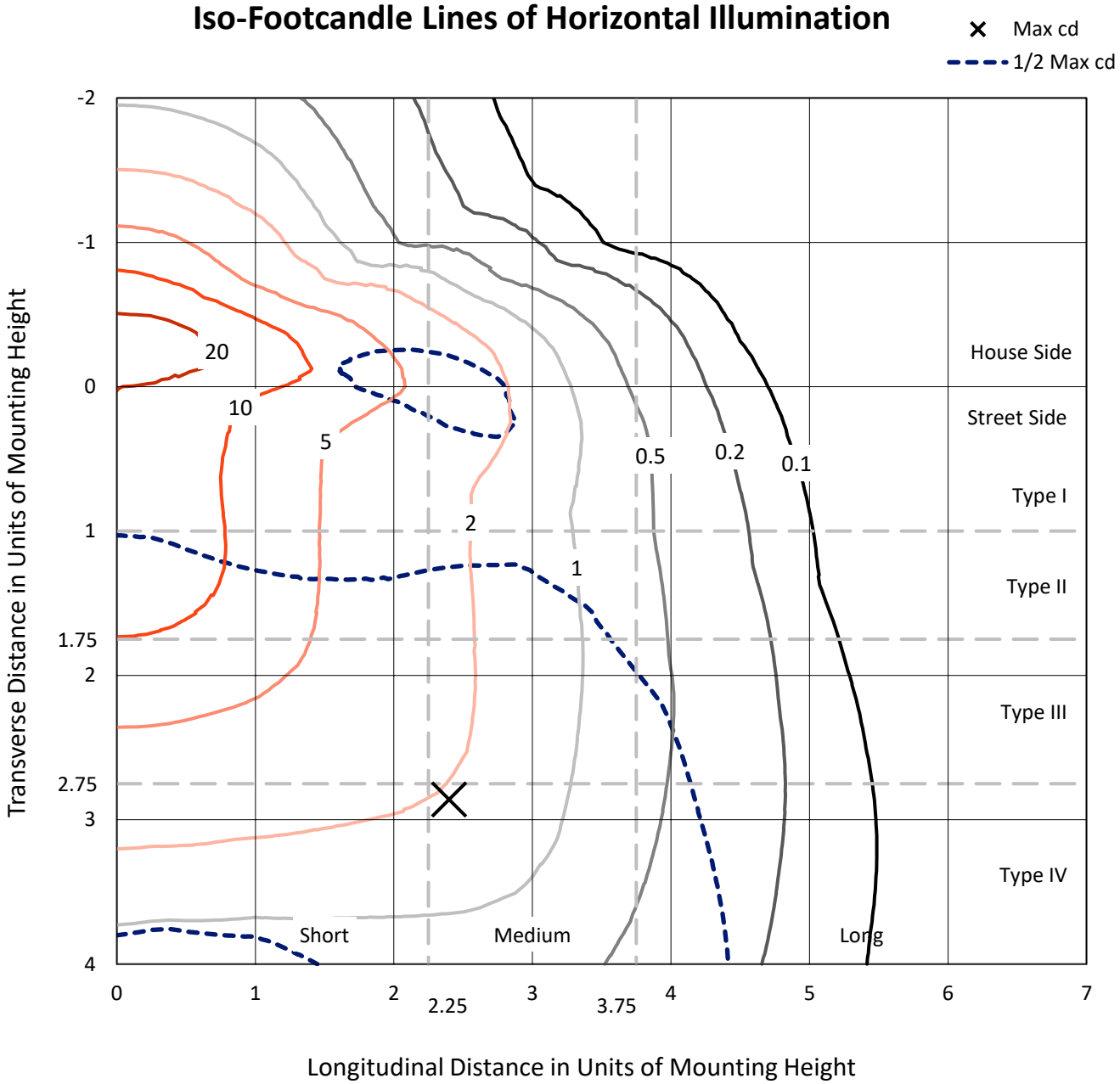


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Iso-Footcandle Lines of Horizontal Illumination



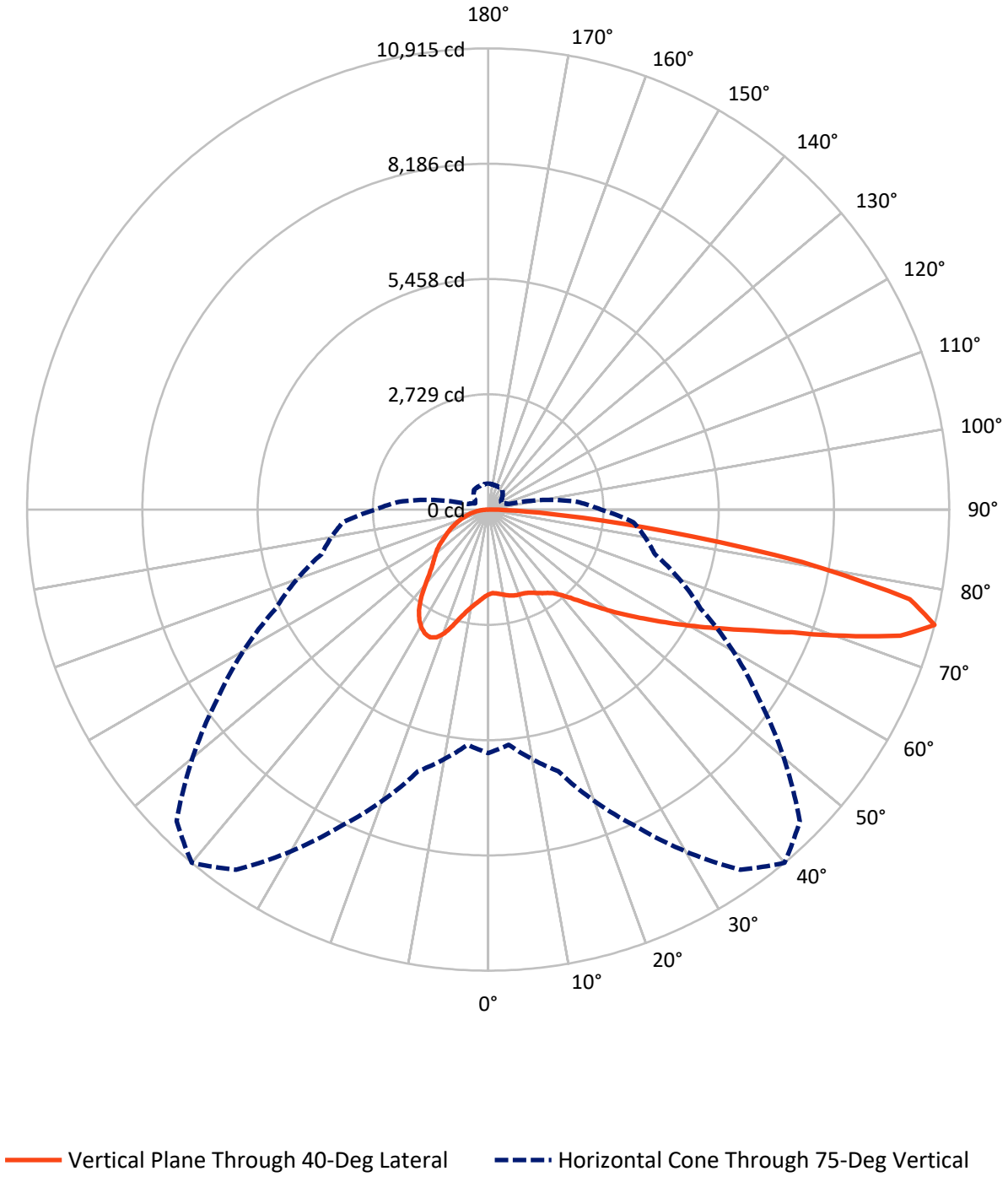
Based on 10 foot mounting height. Maximum calculated value = 25.9 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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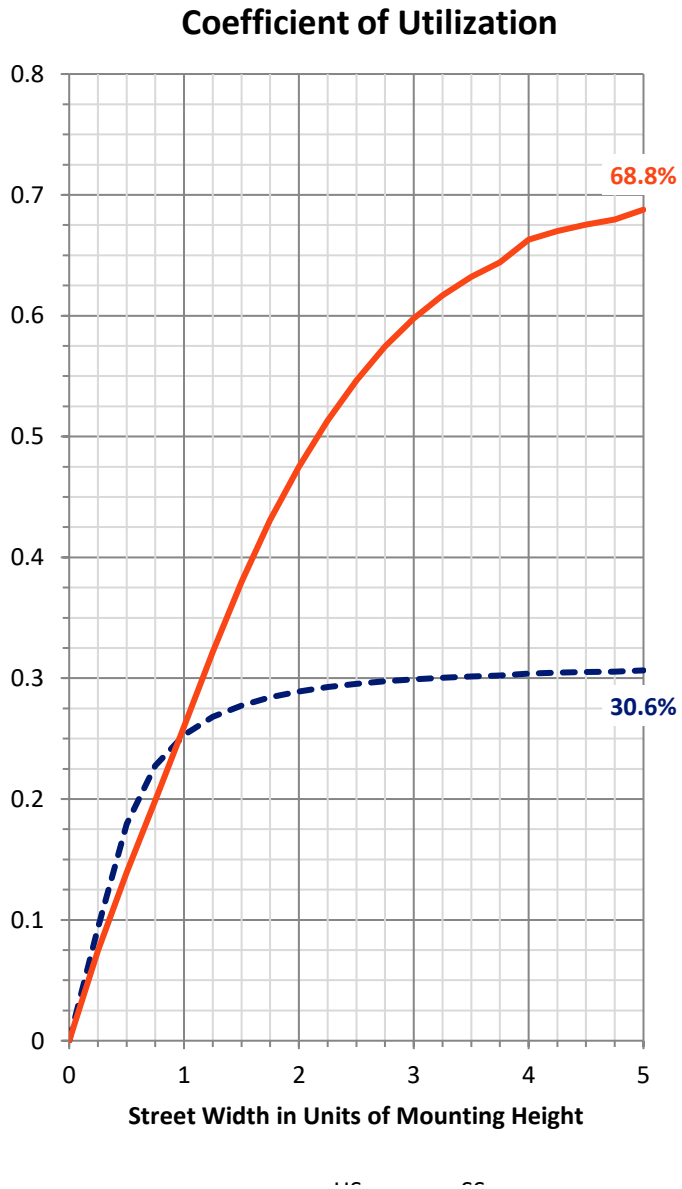
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5433.6	0.0	5433.6
	% Fixture	31.0	0.0	31.0
Street Side	Lumens	12103.5	0.0	12103.5
	% Fixture	69.0	0.0	69.0
Total	Lumens	17537.0	0.0	17537.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	200.2	1.1
10°-20°	672.1	3.8
20°-30°	1227.2	7.0
30°-40°	1740.5	9.9
40°-50°	2350.1	13.4
50°-60°	3161.6	18.0
60°-70°	4012.7	22.9
70°-80°	3641.8	20.8
80°-90°	530.9	3.0
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°	17537.0	100.0
0°-180°	17537.0	100.0



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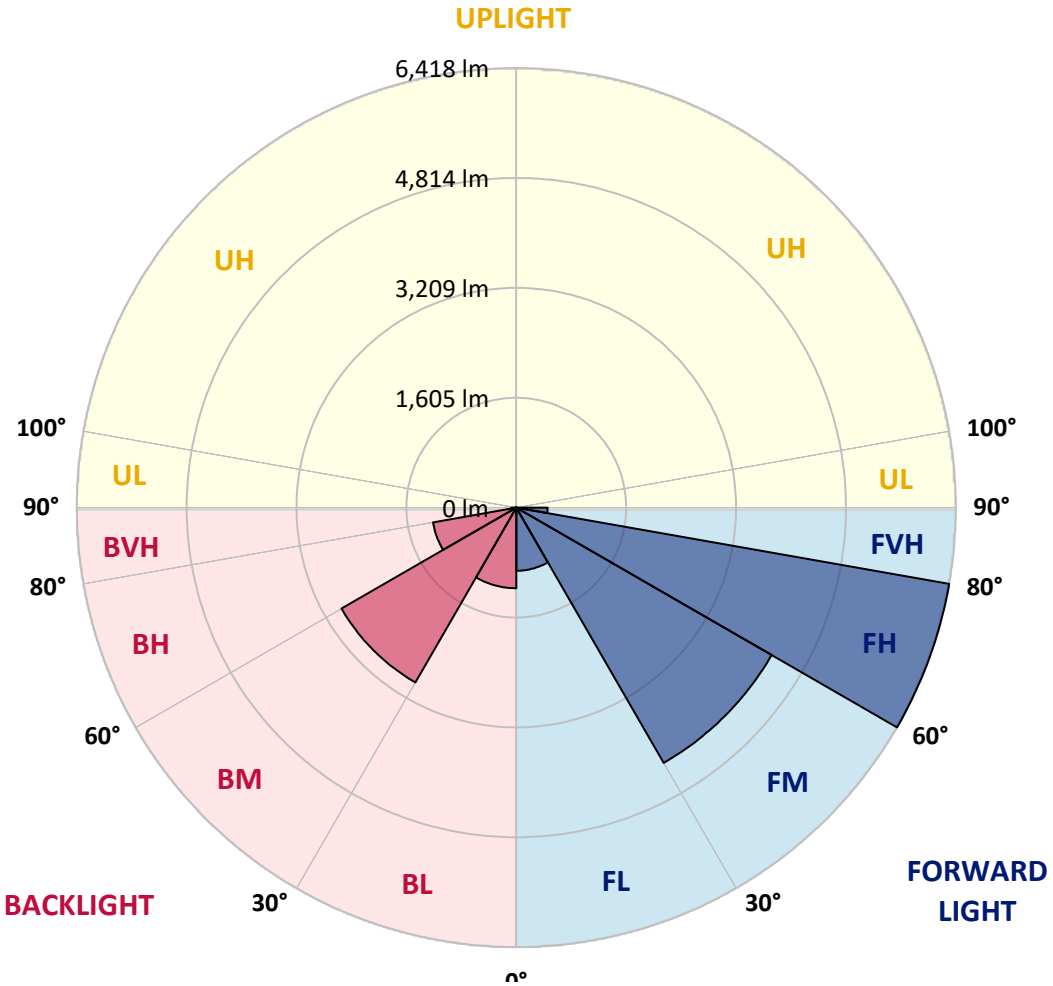
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	922.5	5.3			
FM	(30°-60°)	4304.9	24.5			
FH	(60°-80°)	6418.3	36.6			G3/7500
FVH	(80°-90°)	457.8	2.6			G3/500
BL	(0°-30°)	1177.0	6.7	B3/2500		
BM	(30°-60°)	2947.2	16.8	B3/5000		
BH	(60°-80°)	1236.3	7.0	B3/2500		G3/2500
BVH	(80°-90°)	73.1	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	2005.4	2005.4	2005.4	2005.4	2005.4	*2005.4*	2005.4	2005.4	2005.4	2005.4	2005.4
2.5°	1974.7	1985.8	1983.1	1979.3	1979.3	*1980.3*	1979.3	1985.8	1992.4	1998.9	2009.1
5°	1995.1	2006.3	2000.7	1996.1	1992.4	*1991.4*	1988.6	1987.7	1991.4	1999.8	2013.8
7.5°	2035.1	2046.3	2037.9	2029.6	2022.1	*2018.4*	2014.7	2009.1	2006.3	2011.0	2030.5
10°	2079.8	2091.0	2080.7	2065.8	2053.7	*2049.1*	2045.4	2039.8	2036.1	2038.9	2060.3
12.5°	2124.4	2135.6	2121.6	2101.2	2085.4	*2082.6*	2077.9	2076.1	2075.1	2074.2	2095.6
15°	2166.3	2175.6	2157.9	2133.7	2117.0	*2112.3*	2107.7	2110.5	2115.1	2120.7	2144.9
17.5°	2198.8	2208.1	2182.1	2150.5	2134.7	*2132.8*	2130.0	2139.3	2152.3	2166.3	2196.1
20°	2228.6	2237.9	2204.4	2161.6	2143.0	*2143.0*	2144.0	2163.5	2182.1	2202.6	2243.5
22.5°	2270.5	2277.9	2237.0	2178.4	2151.4	*2153.3*	2160.7	2180.2	2203.5	2231.4	2288.1
25°	2332.8	2338.4	2288.1	2210.0	2179.3	*2184.9*	2191.4	2200.7	2223.0	2255.6	2331.9
27.5°	2433.2	2437.9	2371.9	2265.8	2219.3	*2228.6*	2237.9	2231.4	2241.6	2269.5	2367.2
30°	2574.6	2577.4	2493.7	2353.3	2287.2	*2291.9*	2293.7	2266.7	2247.2	2269.5	2392.3
32.5°	2742.0	2741.1	2641.6	2459.3	2364.4	*2359.8*	2343.9	2290.9	2245.4	2264.9	2414.6
35°	3001.6	2991.3	2863.0	2608.1	2451.8	*2423.0*	2385.8	2317.9	2254.7	2260.2	2434.2
37.5°	3431.3	3399.7	3222.0	2851.8	2582.1	*2508.6*	2453.7	2361.6	2275.1	2258.4	2457.4
40°	3915.9	3875.9	3680.6	3185.7	2777.4	*2659.3*	2570.9	2423.9	2308.6	2266.7	2491.8
42.5°	4490.7	4434.0	4223.8	3579.2	3024.8	*2853.7*	2720.7	2503.0	2357.9	2293.7	2538.3
45°	5196.7	5121.3	4823.7	4022.9	3336.4	*3108.5*	2930.9	2623.0	2433.2	2345.8	2608.1
47.5°	5910.1	5928.7	5505.5	4530.7	3710.3	*3422.9*	3194.1	2803.4	2543.0	2429.5	2720.7
50°	6668.2	6681.2	6183.6	5093.4	4134.5	*3778.2*	3489.9	3005.3	2695.5	2548.6	2889.0
52.5°	7259.7	7261.6	6799.3	5682.2	4576.3	*4168.9*	3808.9	3236.0	2872.3	2706.7	3113.2
55°	7629.9	7625.3	7230.9	6239.4	5084.1	*4579.1*	4162.4	3498.3	3088.1	2892.7	3395.0
57.5°	7898.7	7884.8	7528.5	6718.4	5625.5	*5063.7*	4562.3	3795.9	3342.9	3114.1	3766.1
60°	8001.1	7992.7	7730.4	7132.3	6194.7	*5599.4*	5023.7	4128.9	3632.2	3375.5	4243.3
62.5°	8040.1	8055.9	7928.5	7533.2	6804.0	*6192.9*	5530.6	4527.0	3957.7	3671.3	4746.5
65°	8177.8	8206.6	8180.6	8057.8	7492.3	*6887.7*	6203.1	5000.4	4313.1	3988.4	5272.0
67.5°	8450.3	8479.1	8490.3	8685.6	8333.1	*7753.6*	7042.1	5590.1	4728.8	4317.7	5667.3
70°	8443.8	8435.4	8632.6	9185.1	9386.0	*8952.6*	8173.1	6315.6	5224.6	4591.2	5717.6
72.5°	7685.7	7618.8	8084.8	9179.5	10262.2	*10204.6*	9554.4	7251.4	5652.5	4624.7	4961.4
75°	*5765.9*	*5587.3*	*6410.5*	*8272.7*	*10408.3*	*10915.2*	*10432.4*	*7831.8*	*5551.1*	*4086.1*	*3452.7*
77.5°	2465.8	2286.3	3256.4	6124.0	9315.3	*10203.6*	9626.9	6832.8	4431.2	2702.1	1695.6
80°	645.5	644.6	984.1	2776.5	6335.2	*7535.1*	6610.5	4412.6	2531.8	965.5	467.9
82.5°	266.9	260.4	361.8	1079.9	3095.5	*4228.4*	3450.8	1968.2	914.3	261.4	155.3
85°	99.5	98.6	175.8	373.0	1092.0	*1744.0*	1262.2	503.2	227.9	127.4	69.8
87.5°	27.9	27.0	38.1	129.3	266.0	*403.7*	215.8	82.8	64.2	50.2	20.5
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°	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4	2005.4
2.5°	2011.9	2016.5	2024.9	2031.4	2039.8	2049.1	2062.1	2070.5	2078.9	2084.4	2080.7
5°	2020.3	2030.5	2051.9	2073.3	2098.4	2121.6	2148.6	2168.2	2184.0	2188.6	2190.5
7.5°	2038.9	2055.6	2091.9	2128.2	2168.2	2206.3	2245.4	2278.8	2305.8	2316.0	2317.0
10°	2071.4	2093.7	2144.9	2196.1	2249.1	2307.7	2357.9	2406.3	2444.4	2460.2	2461.1
12.5°	2112.3	2140.2	2207.2	2277.9	2351.4	2432.3	2497.4	2557.0	2604.4	2625.8	2625.8
15°	2165.4	2201.6	2287.2	2382.1	2490.0	2602.5	2685.3	2751.4	2804.4	2830.4	2828.6
17.5°	2223.0	2271.4	2379.3	2522.5	2676.9	2824.8	2921.6	2969.9	3024.8	3049.9	3049.0
20°	2278.8	2338.4	2492.8	2701.1	2906.7	3063.9	3142.0	3155.0	3158.8	3161.5	3169.0
22.5°	2336.5	2416.5	2635.1	2926.2	3146.7	3255.5	3266.6	3210.8	3132.7	3096.4	3106.7
25°	2399.8	2505.8	2821.1	3174.6	3353.2	3366.2	3280.6	3144.8	2996.9	2929.0	2939.2
27.5°	2461.1	2609.0	3044.3	3411.7	3502.0	3387.6	3203.4	3010.9	2832.3	2760.7	2769.0
30°	2522.5	2727.2	3290.8	3619.2	3569.9	3334.5	3081.5	2866.7	2687.2	2611.8	2620.2
32.5°	2584.9	2864.8	3574.5	3768.9	3557.8	3222.0	2929.9	2704.8	2546.7	2467.7	2477.9
35°	2655.5	3034.1	3843.3	3850.8	3476.9	3056.4	2730.0	2511.4	2373.7	2310.5	2324.4
37.5°	2747.6	3249.0	4080.5	3871.2	3335.5	2813.7	2481.6	2282.6	2169.1	2140.2	2160.7
40°	2862.0	3507.6	4261.9	3838.7	3126.2	2518.8	2210.0	2051.0	1986.8	1993.3	2015.6
42.5°	3010.9	3796.8	4389.3	3755.0	2835.1	2214.7	1971.9	1901.2	1931.9	1957.9	1982.1
45°	3204.3	4097.3	4468.4	3612.7	2505.8	1957.0	1831.4	1848.2	1871.4	1874.2	1892.8
47.5°	3451.7	4401.4	4520.5	3397.8	2170.0	1775.6	1742.2	1745.9	1741.2	1721.7	1736.6
50°	3760.6	4697.2	4567.0	3113.2	1884.5	1662.2	1617.5	1604.5	1540.3	1477.1	1485.4
52.5°	4112.1	4968.8	4586.5	2759.7	1662.2	1567.3	1494.7	1412.9	1292.9	1273.4	1279.9
55°	4502.8	5219.9	4536.3	2325.3	1475.2	1445.4	1335.7	1237.1	1224.1	1207.3	1210.1
57.5°	4969.7	5490.6	4434.0	1840.7	1283.6	1303.1	1196.2	1207.3	1184.1	1158.0	1153.4
60°	5480.4	5770.6	4254.5	1398.9	1085.5	1125.5	1159.9	1159.0	1152.4	1131.0	1123.6
62.5°	5939.9	5954.7	3901.0	1071.5	911.5	987.8	1081.8	1080.8	1075.2	1063.1	1058.5
65°	6213.3	5926.8	3311.3	843.6	768.3	874.3	975.7	983.2	984.1	983.2	983.2
67.5°	6165.0	5600.4	2502.1	671.6	650.2	759.0	870.6	880.8	888.3	890.1	892.0
70°	5618.0	4883.2	1631.5	535.8	545.1	657.6	771.1	781.3	787.8	795.3	799.0
72.5°	4379.1	3590.3	933.9	433.4	453.0	570.2	672.5	684.6	688.3	702.3	707.8
75°	*2668.6*	*2111.4*	*504.1*	*341.4*	*372.1*	*487.4*	*574.8*	*588.8*	*595.3*	*612.0*	*613.9*
77.5°	1268.7	914.3	287.4	266.0	299.5	398.1	485.5	501.3	483.7	493.0	485.5
80°	428.8	339.5	181.4	202.8	228.8	310.7	388.8	404.6	367.4	365.5	361.8
82.5°	149.8	137.7	115.3	134.9	147.9	222.3	293.9	314.4	273.5	272.5	259.5
85°	58.6	55.8	64.2	73.5	88.4	136.7	193.5	203.7	168.4	135.8	133.9
87.5°	12.1	13.0	15.8	16.7	27.0	47.4	69.8	85.6	67.9	57.7	53.0
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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(END OF REPORT)