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: P1203461

Luminaire Tested: GWC-SB2C-827-U-SL2

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203461
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-10)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2C-827-U-SL2
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12942 lumens
Efficiency:	N/A
Efficacy:	128.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B2 - U0 - G2

Input Watts (W):	100.9
Input Voltage (V):	120.0
Input Current (Ain):	0.857
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.472
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

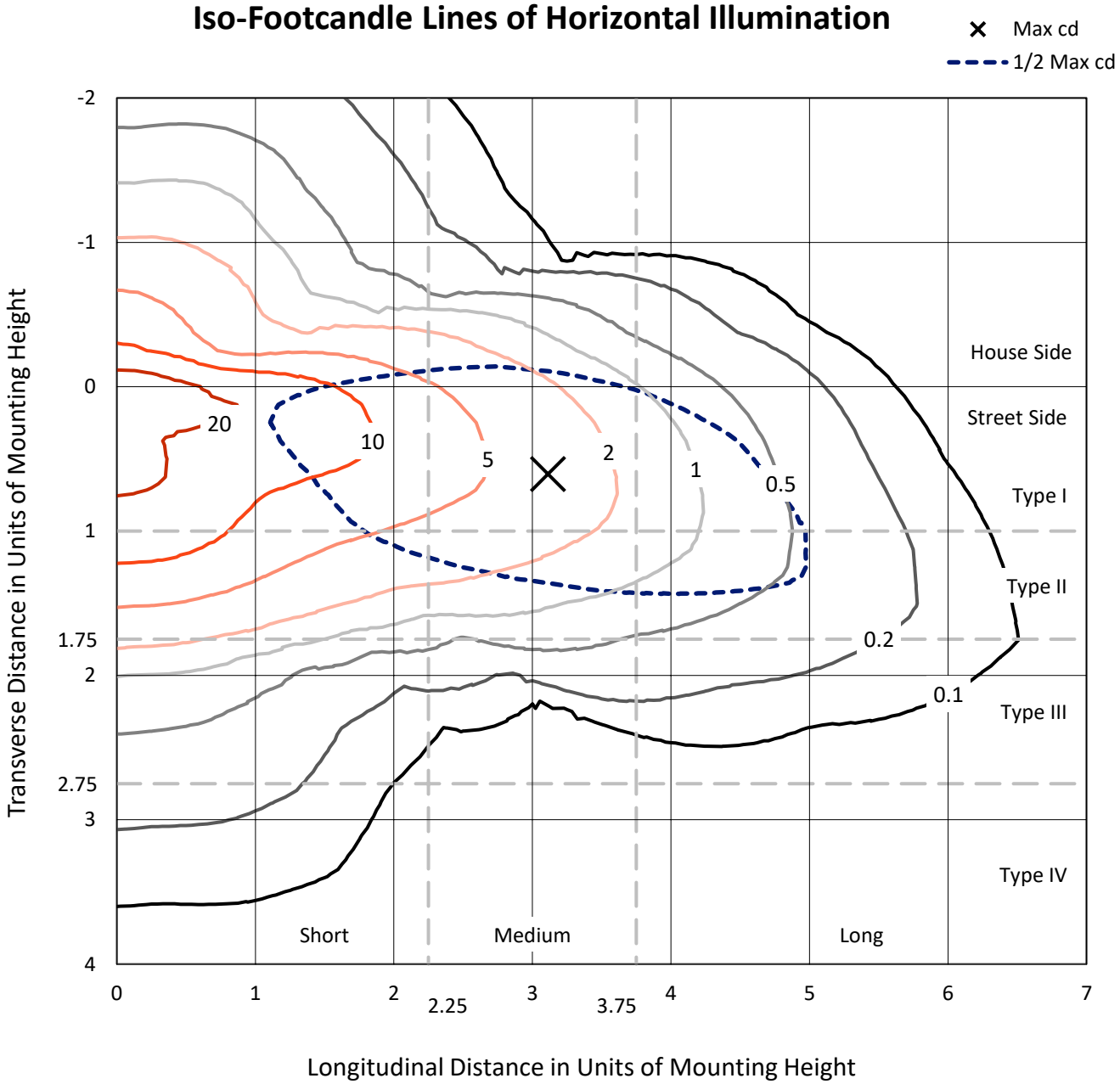


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Iso-Footcandle Lines of Horizontal Illumination



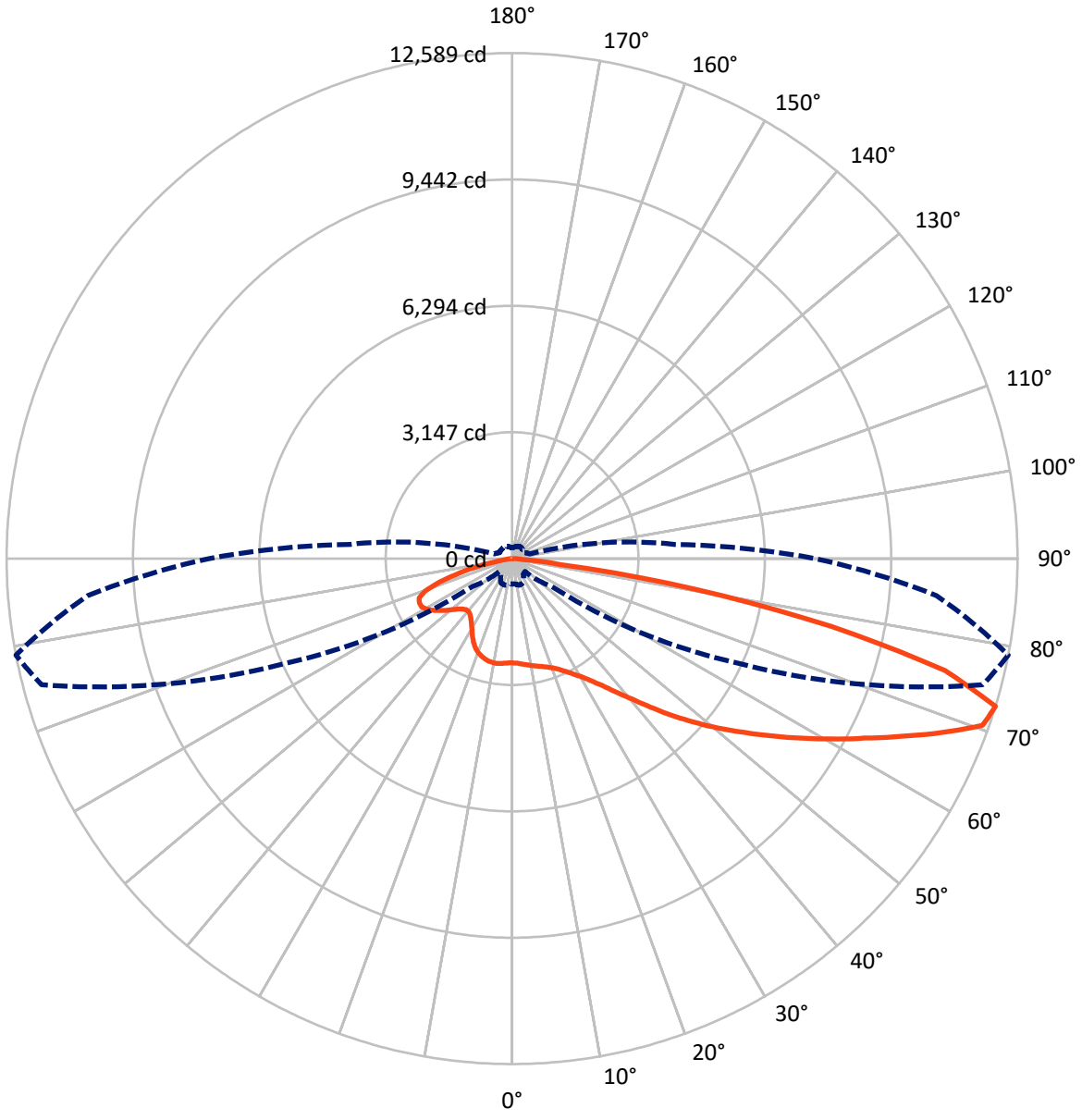
Based on 10 foot mounting height. Maximum calculated value = 26.1 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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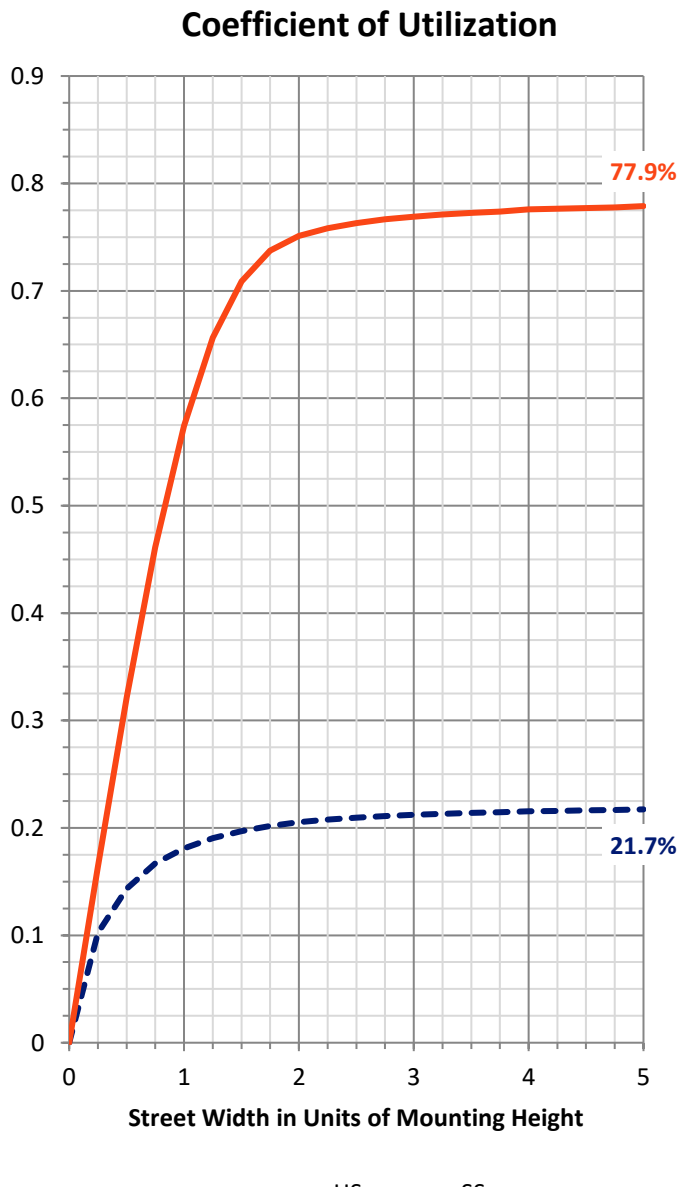
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2848.0	0.0	2848.0
	% Fixture	22.0	0.0	22.0
Street Side	Lumens	10094.1	0.0	10094.1
	% Fixture	78.0	0.0	78.0
Total	Lumens	12942.0	0.0	12942.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	235.8	1.8
10°-20°	616.6	4.8
20°-30°	994.9	7.7
30°-40°	1493.2	11.5
40°-50°	2118.1	16.4
50°-60°	2674.9	20.7
60°-70°	2716.7	21.0
70°-80°	1851.6	14.3
80°-90°	240.2	1.9
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°	12942.0	100.0
0°-180°	12942.0	100.0



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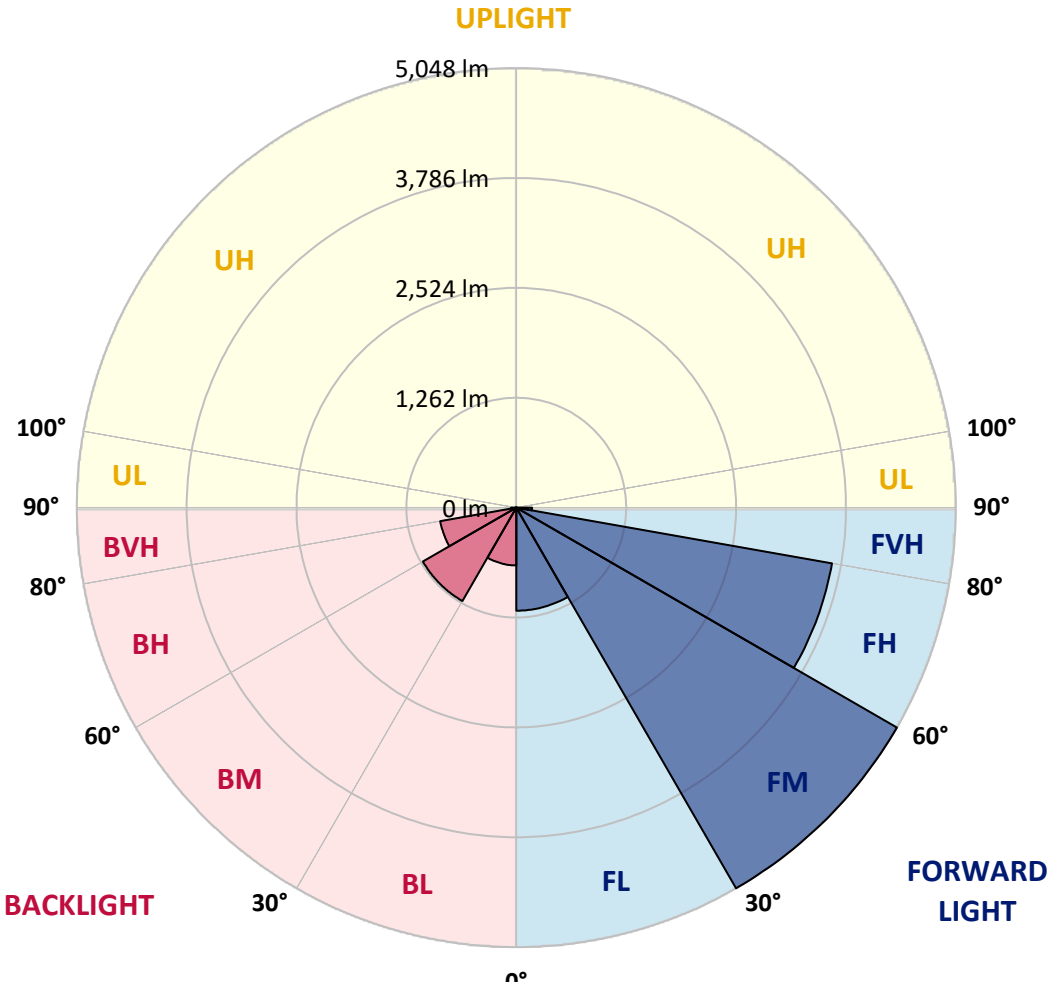
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1183.9	9.1			
FM	(30°-60°)	5047.6	39.0			
FH	(60°-80°)	3681.6	28.4			G2/5000
FVH	(80°-90°)	181.0	1.4			G2/225
BL	(0°-30°)	663.4	5.1	B2/1000		
BM	(30°-60°)	1238.6	9.6	B2/2500		
BH	(60°-80°)	886.8	6.9	B2/1000		G2/1000
BVH	(80°-90°)	59.3	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	2598.0	2598.0	2598.0	2598.0	2598.0	2598.0	2598.0	2598.0	2598.0	2598.0	2598.0
2.5°	2599.4	2587.0	2594.6	2591.8	2595.2	2599.4	2600.7	2602.8	2609.6	2608.9	2608.3
5°	2593.9	2581.6	2591.8	2588.4	2597.3	2606.9	2615.1	2622.6	2633.6	2638.4	2631.5
7.5°	2582.2	2574.0	2584.3	2594.6	2611.0	2625.4	2637.0	2654.1	2669.9	2672.6	2677.4
10°	2514.5	2508.3	2532.3	2559.0	2604.1	2643.2	2668.5	2688.3	2705.5	2708.2	2715.0
12.5°	2444.0	2436.4	2463.1	2499.4	2572.7	2643.2	2696.6	2722.6	2737.6	2746.5	2756.8
15°	2432.3	2426.2	2441.2	2472.7	2533.6	2624.7	2715.7	2763.7	2776.7	2786.9	2791.0
17.5°	2488.5	2476.8	2483.0	2493.9	2529.5	2607.6	2730.8	2810.2	2830.1	2841.0	2841.0
20°	2618.5	2602.1	2592.5	2570.6	2564.4	2610.3	2729.4	2866.3	2892.4	2906.0	2909.5
22.5°	2791.7	2780.8	2760.2	2704.8	2644.5	2643.9	2755.4	2938.2	2986.8	2999.8	2991.6
25°	3001.2	2984.8	2958.8	2883.5	2767.8	2710.3	2799.3	3030.0	3111.4	3114.8	3090.9
27.5°	3242.2	3217.5	3181.9	3082.7	2926.6	2814.3	2866.3	3135.4	3254.5	3253.1	3203.8
30°	3496.2	3471.5	3433.9	3313.4	3116.9	2954.6	2959.4	3249.0	3424.3	3416.7	3332.5
32.5°	3681.7	3663.2	3655.7	3562.6	3336.0	3120.3	3066.2	3375.0	3633.8	3626.9	3509.2
35°	3824.1	3800.1	3809.0	3761.8	3574.9	3305.8	3197.0	3524.9	3888.4	3887.7	3741.2
37.5°	3965.1	3943.9	3951.4	3919.9	3796.0	3541.3	3356.5	3708.4	4204.0	4219.1	4021.9
40°	4093.8	4071.2	4101.3	4071.9	3967.8	3791.9	3537.9	3915.8	4569.6	4598.3	4361.5
42.5°	4171.1	4153.4	4203.3	4204.0	4117.1	4003.4	3737.1	4144.5	4992.6	5057.0	4779.1
45°	4197.8	4191.7	4267.0	4282.7	4249.2	4126.0	3916.5	4393.6	5448.6	5563.6	5254.8
47.5°	4169.1	4157.5	4261.5	4319.7	4346.4	4183.5	4065.0	4663.4	5914.1	6082.5	5773.8
50°	4024.0	4001.4	4156.1	4278.6	4373.8	4221.1	4215.0	4974.8	6443.3	6627.4	6295.4
52.5°	3763.1	3746.0	3922.0	4134.9	4313.5	4239.6	4383.4	5315.1	6945.8	7184.0	6830.1
55°	3429.7	3407.2	3600.9	3878.8	4163.6	4233.4	4551.8	5695.7	7538.6	7780.3	7382.5
57.5°	2901.3	2856.1	3101.2	3429.7	3919.2	4225.9	4727.0	6074.3	8141.0	8430.6	7971.9
60°	2130.4	2063.3	2363.9	2753.4	3441.4	4152.7	4944.0	6498.7	8863.9	9124.8	8615.4
62.5°	1240.5	1201.4	1397.9	1761.4	2593.9	3721.4	5065.9	6992.3	9574.5	9848.4	9248.0
65°	963.2	952.3	969.4	997.4	1443.8	2786.2	4690.1	7473.6	10478.2	10669.9	9907.3
67.5°	881.1	872.8	880.4	827.7	732.5	1551.9	3710.4	7595.4	11446.2	11562.6	10484.4
70°	783.2	773.6	798.2	753.0	576.4	705.8	2397.4	7153.2	12216.3	12434.7	10923.2
72.5°	638.0	627.1	684.6	664.0	485.4	453.2	1204.2	6102.4	12135.6	12588.8	10608.9
75°	490.2	484.0	552.5	569.6	395.7	356.7	577.8	4536.0	10679.5	11136.1	9143.3
77.5°	380.6	375.8	410.7	473.0	319.0	276.6	355.3	2877.3	8047.9	8128.0	6300.9
80°	285.5	271.8	304.0	366.3	248.5	202.0	241.0	1677.9	5087.1	4611.3	2742.4
82.5°	178.7	171.8	198.5	244.4	175.3	139.0	156.8	926.9	2038.7	1200.8	529.2
85°	102.0	99.3	108.2	139.7	95.2	80.1	89.7	409.4	372.4	256.0	159.5
87.5°	41.1	39.7	49.3	62.3	34.9	29.4	31.5	98.6	82.1	76.0	52.7
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2598.0	2598.0	2598.0	2598.0	2598.0	2598.0	2598.0	2598.0	2598.0	2598.0	2598.0
2.5°	2605.5	2605.5	2595.9	2580.9	2563.8	2552.8	2535.0	2530.2	2511.7	2506.2	2515.1
5°	2637.0	2631.5	2602.1	2559.6	2501.5	2448.1	2389.2	2352.2	2300.2	2281.7	2295.4
7.5°	2676.7	2661.6	2611.0	2517.9	2396.0	2276.2	2151.6	2057.2	1966.8	1934.6	1938.7
10°	2713.0	2691.8	2605.5	2442.6	2231.7	2024.3	1825.8	1686.8	1581.4	1538.3	1547.8
12.5°	2749.3	2710.3	2569.2	2317.3	1998.3	1716.9	1505.4	1397.2	1332.2	1280.2	1297.3
15°	2783.5	2728.7	2513.1	2149.6	1742.3	1456.8	1300.7	1214.4	1162.4	1128.2	1134.4
17.5°	2823.2	2744.5	2428.9	1936.7	1498.5	1276.7	1149.4	1097.4	1087.1	1083.0	1085.7
20°	2878.7	2758.9	2318.0	1698.4	1319.2	1133.0	1067.3	1062.5	1061.8	1059.7	1066.6
22.5°	2938.2	2776.0	2171.5	1482.1	1166.5	1043.3	1031.7	1022.1	1015.9	1015.2	1022.8
25°	3008.7	2781.5	1988.0	1304.8	1036.5	1000.9	987.2	972.8	968.7	968.7	972.8
27.5°	3077.2	2763.0	1774.4	1150.8	963.2	961.8	944.0	939.2	938.6	940.6	946.1
30°	3145.6	2728.1	1562.2	1008.4	920.8	920.8	914.6	918.0	920.8	927.6	932.4
32.5°	3238.1	2691.1	1384.9	903.0	883.8	876.9	883.1	890.0	892.7	901.6	909.1
35°	3373.6	2665.1	1243.9	845.5	845.5	836.6	840.0	838.6	832.5	828.3	837.9
37.5°	3553.0	2663.7	1127.5	818.8	813.3	811.9	812.6	803.7	779.7	751.0	751.7
40°	3768.6	2700.7	1037.8	800.3	796.2	804.4	800.3	776.3	710.6	660.6	659.3
42.5°	4058.2	2806.1	980.3	777.7	790.0	800.3	783.8	701.0	656.5	623.0	621.6
45°	4399.1	2977.2	950.9	753.7	778.4	790.7	711.3	675.0	639.4	599.0	596.3
47.5°	4785.2	3192.9	944.0	731.1	752.4	759.9	680.5	664.0	623.7	579.8	576.4
50°	5205.6	3448.2	962.5	704.4	714.7	688.7	670.2	655.1	613.4	570.3	565.5
52.5°	5640.3	3729.6	999.5	668.2	677.1	648.3	666.1	653.1	607.2	549.0	544.9
55°	6067.4	4013.0	1035.1	625.7	638.7	612.0	654.5	644.9	579.2	513.4	510.0
57.5°	6501.5	4295.1	1070.0	588.1	601.7	577.1	636.0	623.0	547.7	480.6	479.2
60°	6952.6	4568.9	1086.4	551.8	561.4	544.9	607.9	585.3	512.1	447.0	445.0
62.5°	7375.0	4796.9	1059.7	515.5	521.7	514.8	570.9	540.8	476.5	409.4	408.7
65°	7798.7	4932.4	977.6	479.9	481.3	477.8	518.9	492.9	434.7	376.5	372.4
67.5°	8182.8	5008.4	846.8	441.6	438.1	436.8	470.3	440.9	394.3	343.7	339.6
70°	8264.3	4815.3	646.9	396.4	396.4	392.9	416.9	386.8	349.8	308.7	307.4
72.5°	*7548.2*	*4050.7*	*459.4*	*345.0*	*350.5*	*343.7*	*363.5*	*338.2*	*304.6*	*277.3*	*269.0*
75°	6086.6	2970.4	334.1	292.3	301.9	290.3	308.7	290.9	262.2	261.5	235.5
77.5°	4182.1	1836.7	242.3	241.0	247.8	232.8	254.0	244.4	218.4	206.7	193.7
80°	1784.7	732.5	176.6	186.2	186.2	172.5	197.2	199.9	177.3	171.8	171.8
82.5°	355.3	208.1	123.9	128.0	120.5	116.4	139.7	154.7	213.6	237.5	238.2
85°	106.8	76.7	74.6	69.8	61.6	62.3	82.1	155.4	191.7	109.5	94.5
87.5°	29.4	19.2	19.9	15.7	13.0	17.1	28.1	117.7	64.4	27.4	23.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0


HS
SS

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(END OF REPORT)