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-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: STREETWORKS

Report Number: P952579

Luminaire Tested: **GLAN-SB6B-927-U-5MQ**

Issue Date: 1/21/2025

Report Generated By 670246001

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Test Information

Test Method:	LM-79-08
Report Number:	P952579
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-20)
Test Lab:	INNOVATION CENTER
Issue Date:	1/21/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB6B-927-U-5MQ
Description:	GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
	(6) 90 CRI, 2700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V MEDIUM OPTICS
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	21767 lumens
Efficiency:	N/A
Efficacy:	98.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B5 - U0 - G3

Input Watts (W):	220.4
Input Voltage (V):	NR
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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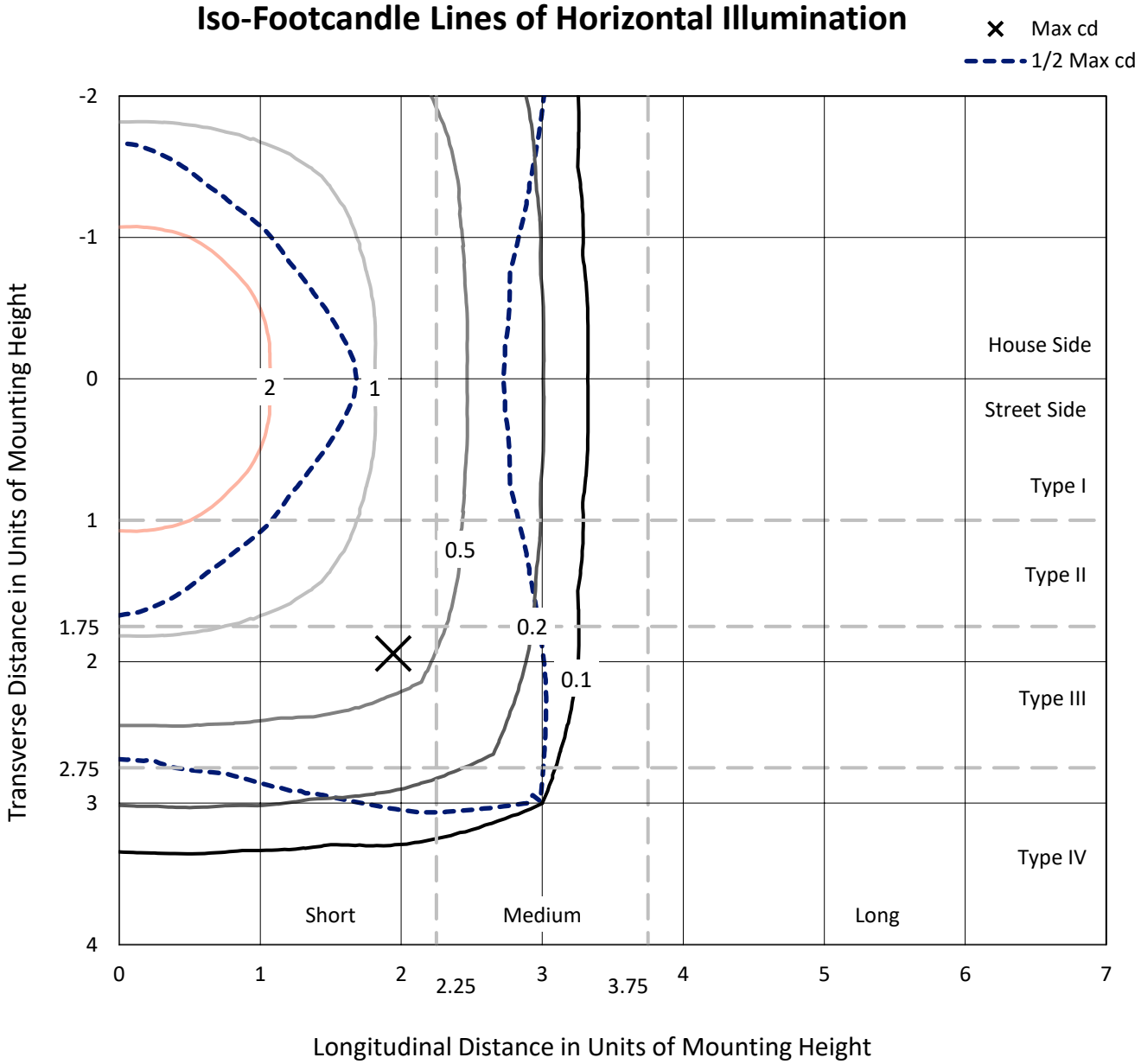
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 3.3 fc
Type V - Short - N/A

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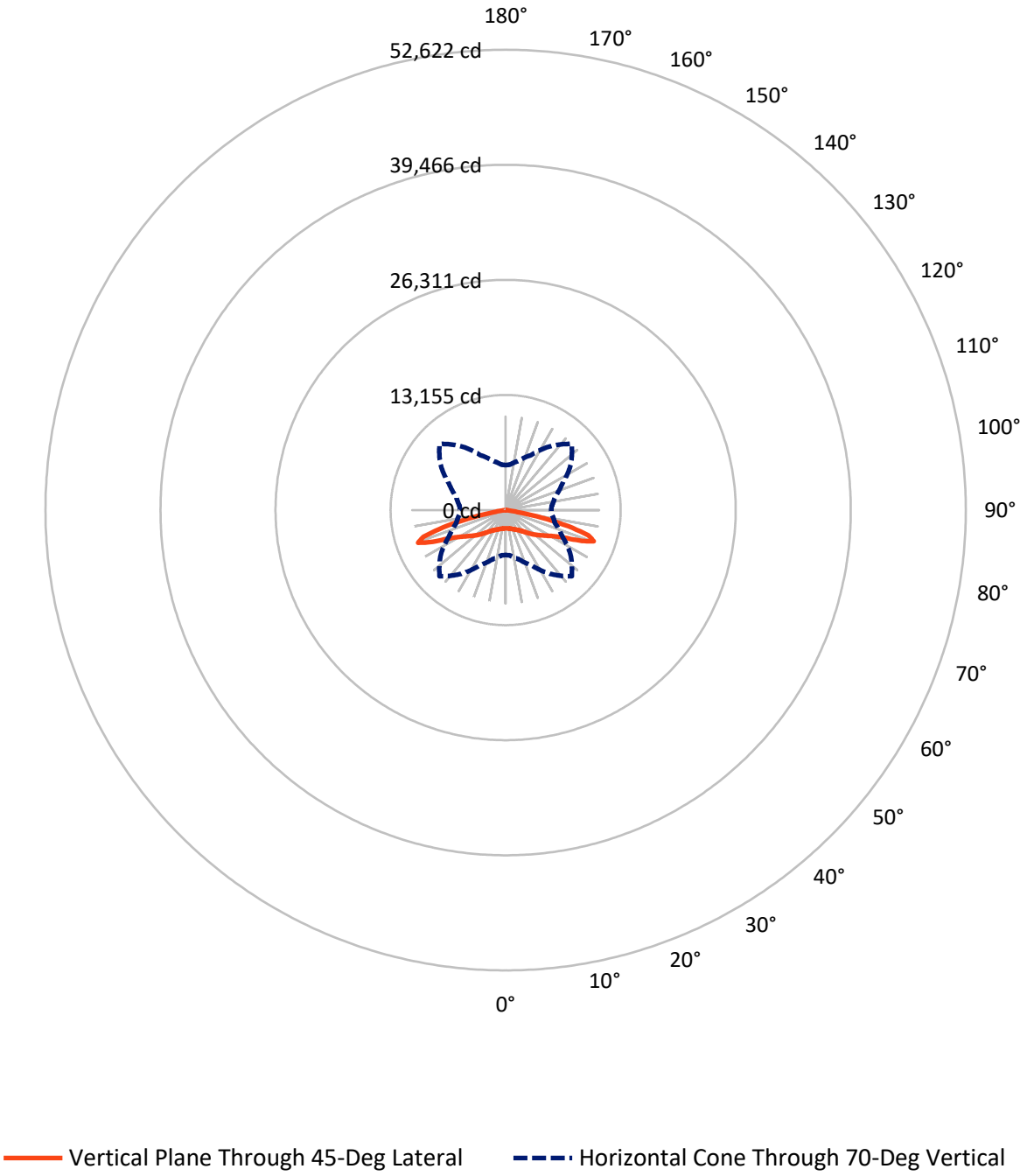
Luminous Intensity Polar Plot



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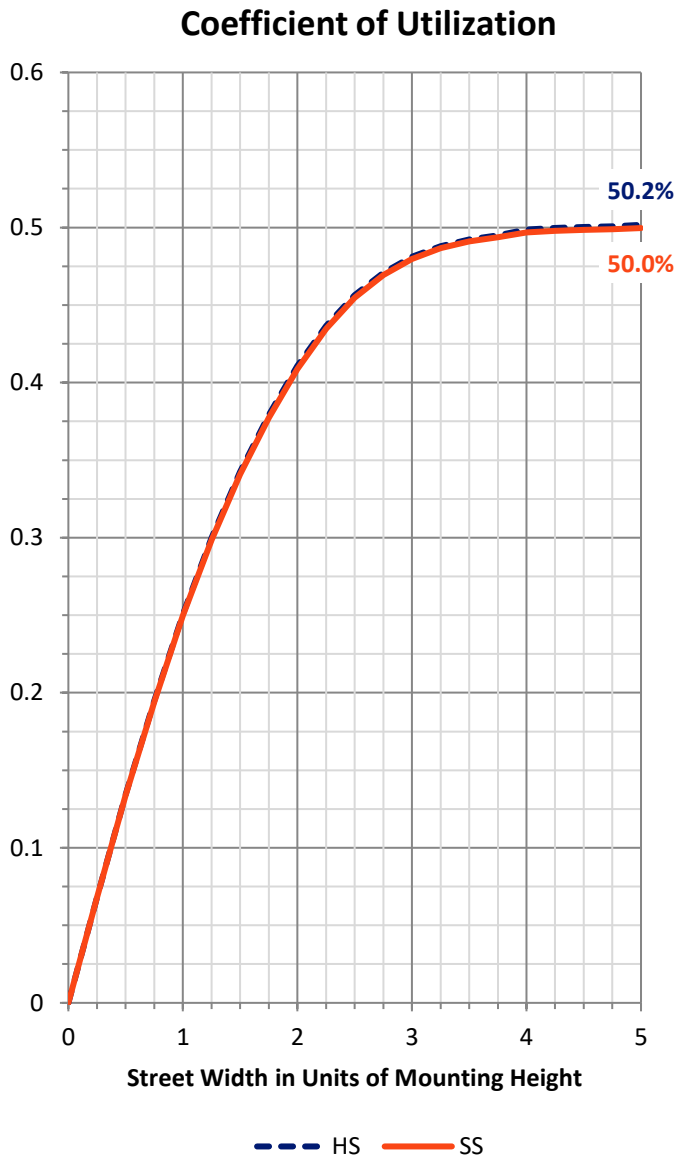
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10883.5	0.0	10883.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	10883.5	0.0	10883.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	21767.0	0.0	21767.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	202.6	0.9
10°-20°	628.1	2.9
20°-30°	1122.5	5.2
30°-40°	1819.6	8.4
40°-50°	2963.9	13.6
50°-60°	4518.9	20.8
60°-70°	6722.6	30.9
70°-80°	3664.1	16.8
80°-90°	124.8	0.6
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°	21767.0	100.0
0°-180°	21767.0	100.0



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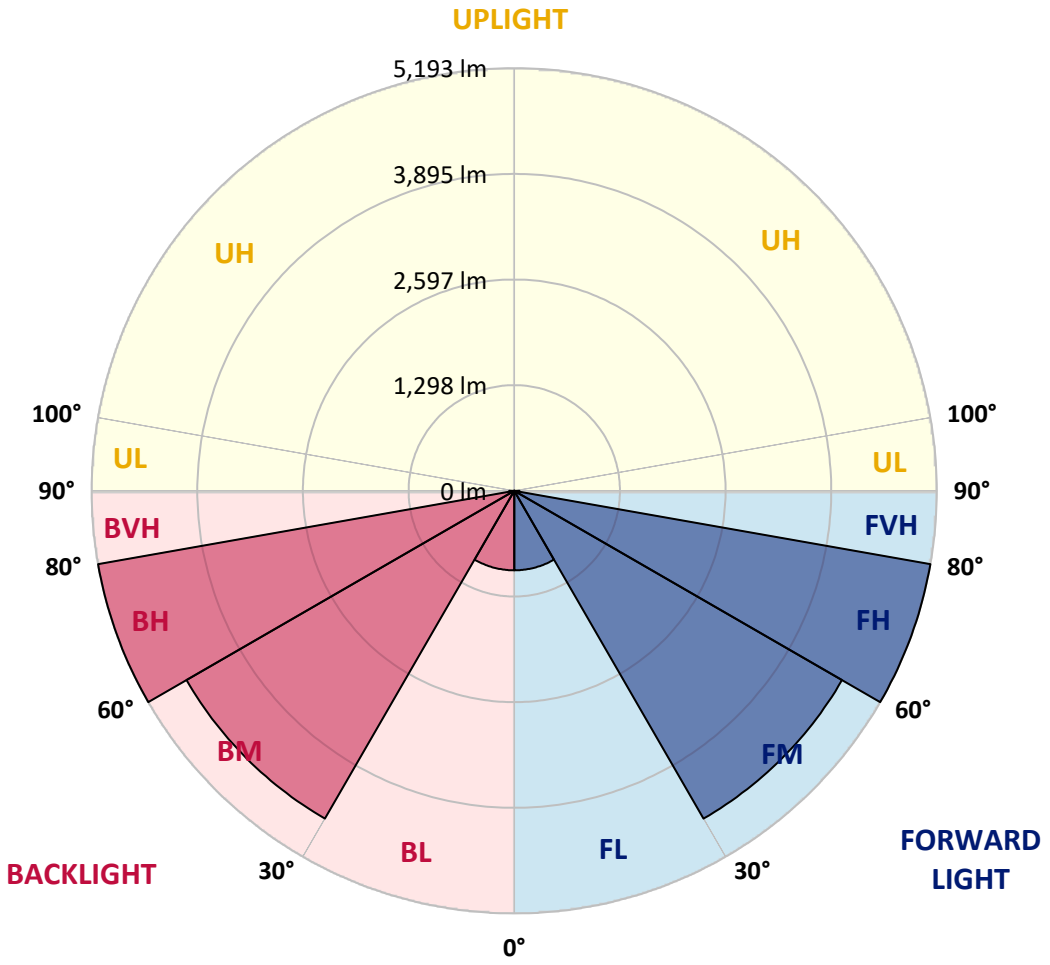
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	976.6	4.5			
FM	(30°-60°)	4651.2	21.4			
FH	(60°-80°)	5193.3	23.9			G3/7500
FVH	(80°-90°)	62.4	0.3			G1/100
BL	(0°-30°)	976.6	4.5	B2/1000		
BM	(30°-60°)	4651.2	21.4	B3/5000		
BH	(60°-80°)	5193.3	23.9	B5		G3/7500
BVH	(80°-90°)	62.4	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G3
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2085.1	2085.1	2085.1	2085.1	2085.1	2085.1	2085.1	2085.1	2085.1	2085.1
2.5°	2094.9	2097.1	2092.7	2090.5	2088.3	2085.1	2086.1	2091.6	2096.0	2094.9
5°	2112.4	2114.6	2111.3	2110.2	2105.8	2104.7	2104.7	2110.2	2113.5	2111.3
7.5°	2132.0	2135.3	2129.9	2128.8	2126.6	2124.4	2123.3	2128.8	2132.0	2132.0
10°	2150.6	2153.9	2149.5	2146.2	2144.1	2144.1	2141.9	2146.2	2151.7	2150.6
12.5°	2170.3	2172.5	2168.1	2165.9	2165.9	2169.2	2165.9	2168.1	2172.5	2170.3
15°	2194.3	2195.4	2194.3	2197.6	2203.1	2214.0	2204.2	2202.0	2204.2	2198.7
17.5°	2227.1	2229.3	2233.7	2241.3	2249.0	2268.6	2251.2	2245.7	2245.7	2234.8
20°	2267.6	2270.8	2277.4	2290.5	2300.3	2318.9	2301.4	2293.8	2290.5	2276.3
22.5°	2310.2	2315.6	2325.5	2343.0	2360.4	2377.9	2360.4	2347.3	2337.5	2318.9
25°	2359.3	2365.9	2381.2	2409.6	2433.7	2458.8	2438.0	2411.8	2392.1	2365.9
27.5°	2429.3	2436.9	2455.5	2490.5	2521.1	2542.9	2523.3	2489.4	2462.1	2430.4
30°	2527.6	2535.3	2557.1	2594.3	2615.1	2629.3	2616.2	2589.9	2557.1	2521.1
32.5°	2654.4	2664.2	2688.3	2723.2	2727.6	2729.8	2725.4	2712.3	2688.3	2644.6
35°	2815.0	2826.0	2853.3	2881.7	2877.3	2881.7	2875.1	2870.8	2853.3	2803.0
37.5°	3011.7	3024.9	3053.3	3075.1	3064.2	3058.7	3059.8	3060.9	3051.1	2995.4
40°	3240.1	3257.6	3278.4	3301.3	3282.8	3266.4	3277.3	3286.0	3277.3	3220.5
42.5°	3475.1	3500.2	3522.1	3554.9	3539.6	3518.8	3534.1	3543.9	3525.4	3464.2
45°	3736.3	3760.3	3788.7	3837.9	3827.0	3805.1	3827.0	3829.2	3797.5	3725.3
47.5°	4006.2	4031.3	4073.9	4139.5	4135.1	4111.1	4139.5	4124.2	4083.8	3997.4
50°	4261.9	4296.9	4362.4	4454.2	4463.0	4433.5	4471.7	4442.2	4374.5	4266.3
52.5°	4502.3	4539.5	4643.3	4767.9	4799.6	4761.3	4812.7	4761.3	4659.7	4520.9
55°	4754.8	4796.3	4919.8	5082.6	5146.0	5117.6	5165.6	5088.1	4943.8	4775.5
57.5°	5052.0	5077.1	5224.7	5418.1	5525.2	5531.7	5553.6	5422.4	5247.6	5056.4
60°	5374.4	5409.3	5570.0	5801.6	5971.0	6025.7	6002.7	5808.2	5604.9	5385.3
62.5°	5787.4	5825.7	6018.0	6295.6	6563.3	6698.8	6609.2	6327.3	6075.9	5812.6
65°	6129.5	6172.1	6519.6	7014.7	7502.0	7774.1	7549.0	7030.0	6577.5	6206.0
67.5°	5881.4	5933.9	6479.2	7388.4	8600.3	9412.2	8641.8	7499.9	6613.6	6109.8
70°	5140.5	5189.7	5825.7	6937.1	8909.6	10688.6	9095.3	7141.4	5846.5	5282.6
72.5°	3412.8	3571.3	4214.9	5548.1	7955.5	9890.9	8034.2	5435.6	3910.0	3405.1
75°	1132.1	1258.9	1698.2	2876.2	5328.5	7397.1	5072.8	2545.1	1345.2	968.2
77.5°	285.2	328.9	453.5	822.9	2125.5	4211.6	1913.5	672.1	366.1	255.7
80°	138.8	153.0	218.6	274.3	532.2	1338.7	499.4	257.9	172.7	133.3
82.5°	76.5	77.6	123.5	155.2	197.8	346.4	205.4	150.8	99.4	80.9
85°	47.0	45.9	65.6	83.1	83.1	123.5	98.4	83.1	56.8	50.3
87.5°	18.6	18.6	24.0	26.2	22.9	31.7	25.1	27.3	21.9	20.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

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90°
2085.1
2096.0
2112.4
2132.0
2150.6
2169.2
2198.7
2234.8
2276.3
2317.8
2364.8
2429.3
2521.1
2645.7
2803.0
2995.4
3220.5
3468.5
3733.0
3992.0
4264.1
4507.8
4752.6
5030.1
5350.3
5766.7
6144.8
6034.4
5207.2
3294.8
915.8
228.4
122.4
80.9
52.5
21.9
0.0

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