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: P956342

Luminaire Tested: **GLAN-SB9A-740-U-RW**

Issue Date: 1/21/2025

Report Generated By 670246001

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Test Information

Test Method:	LM-79-08
Report Number:	P956342
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-19)
Test Lab:	INNOVATION CENTER
Issue Date:	1/21/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB9A-740-U-RW
Description:	GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
	(9) 70 CRI, 4000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND RECTANGULAR WIDE OPTICS
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	44513 lumens
Efficiency:	N/A
Efficacy:	174.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B5 - U0 - G5

Input Watts (W):	255.5
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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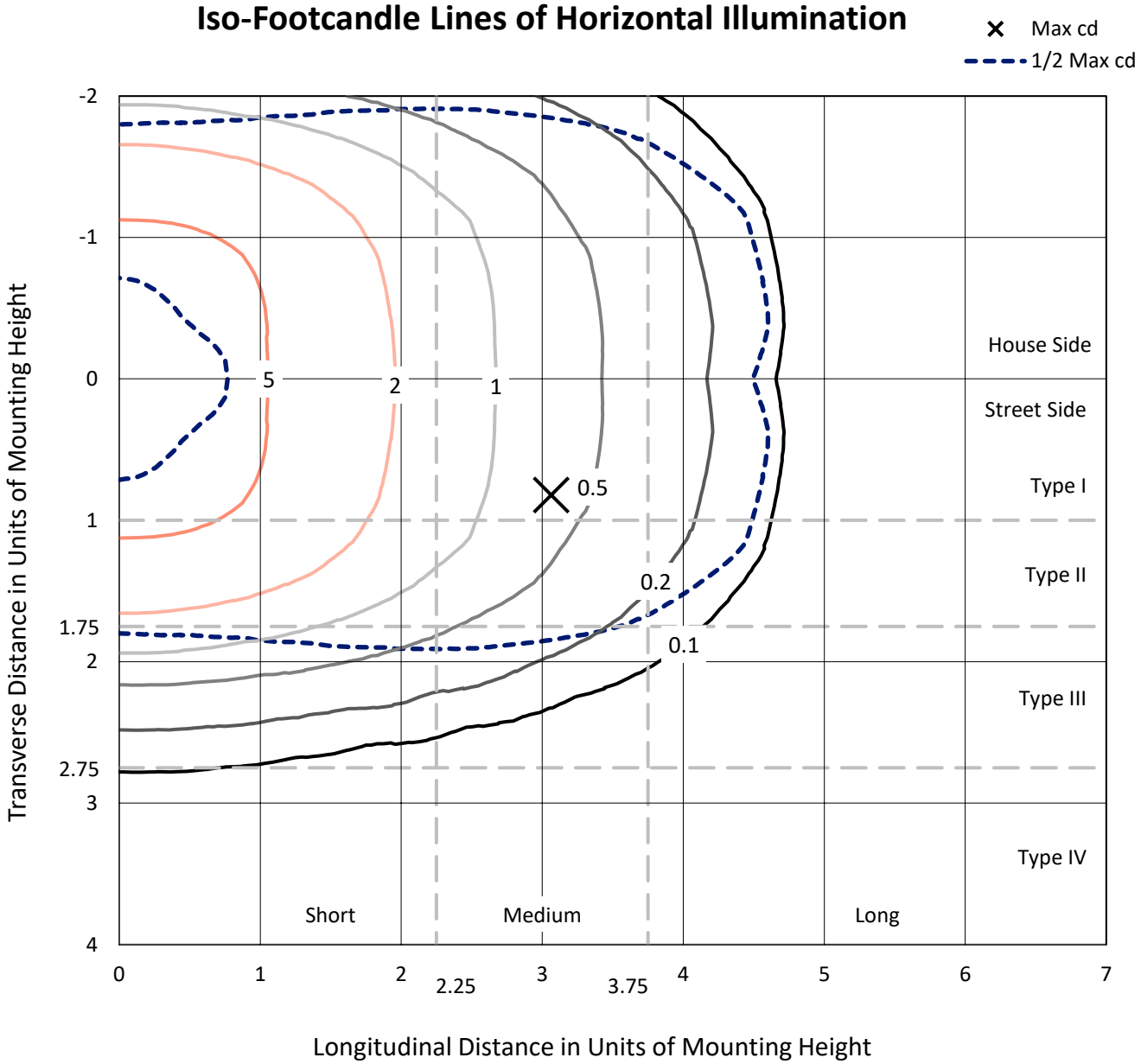
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 8.4 fc
Type III - Medium - N/A

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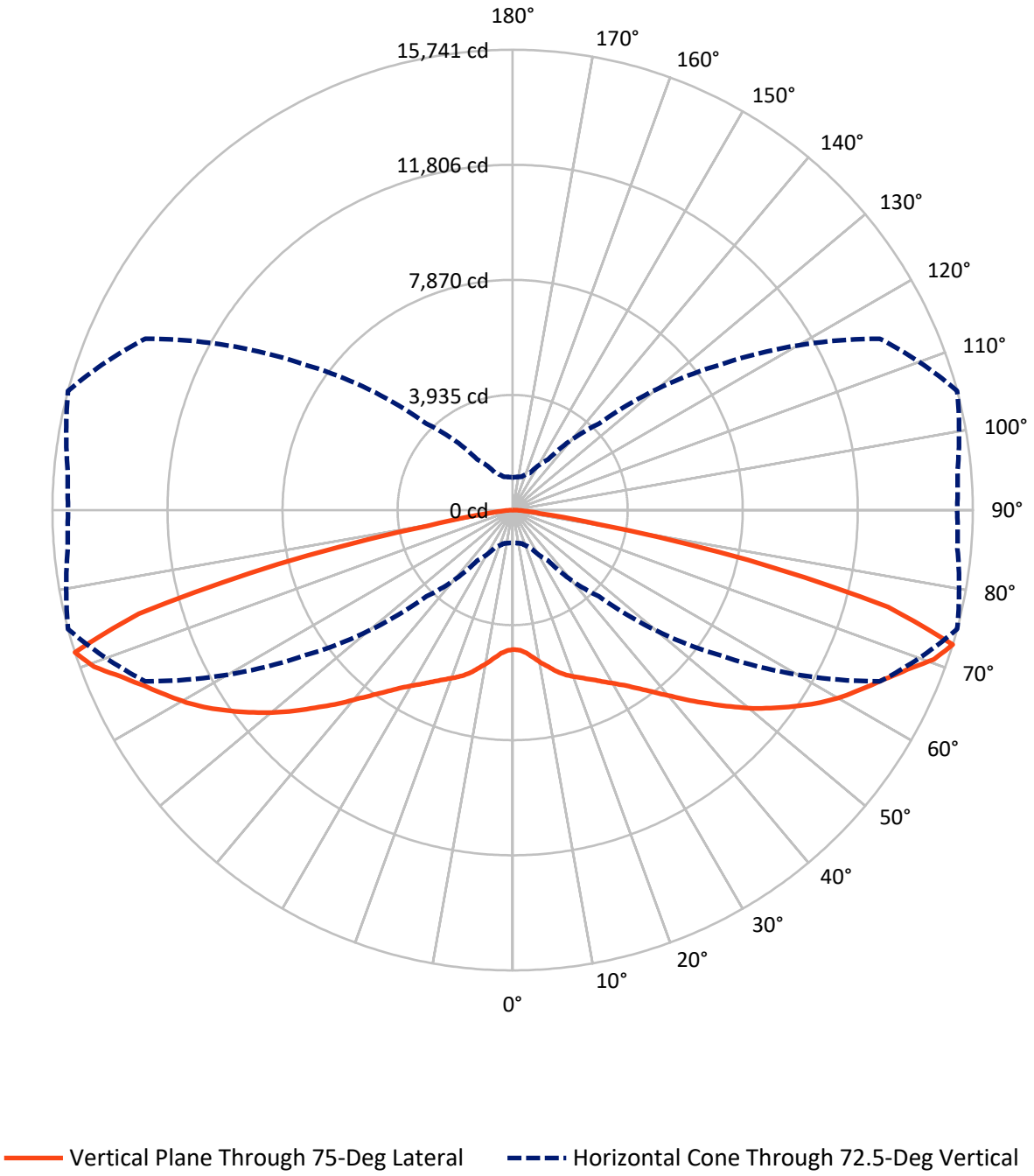
Luminous Intensity Polar Plot



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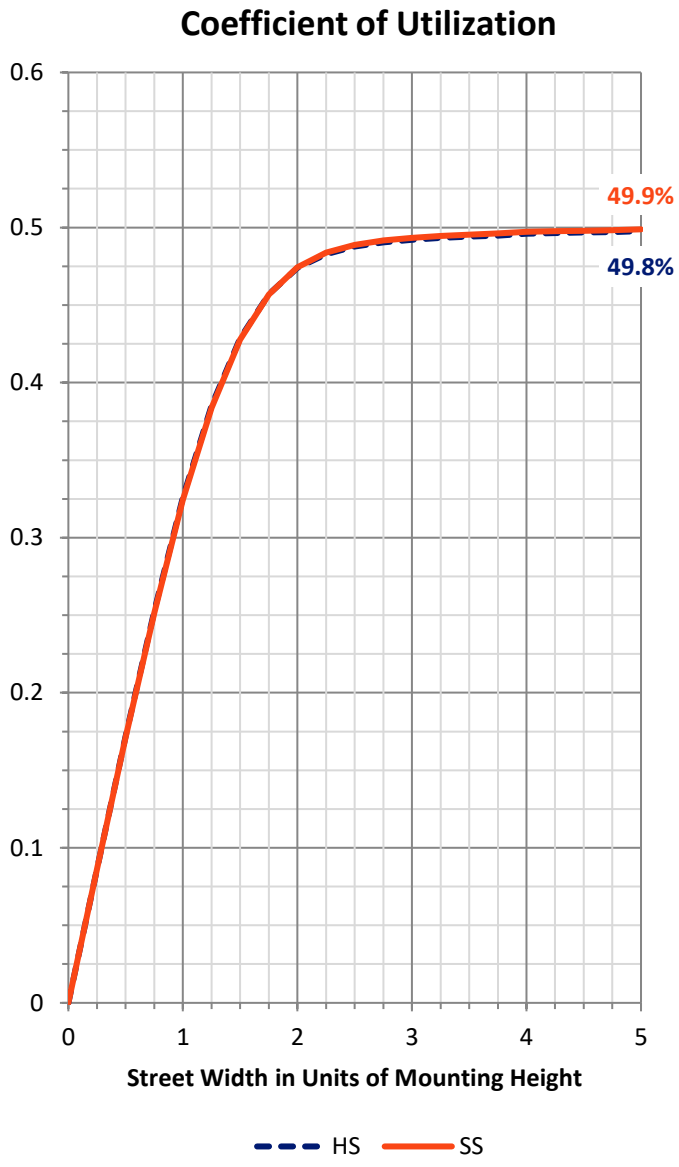
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	22256.5	0.0	22256.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	22256.5	0.0	22256.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	44513.0	0.0	44513.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	467.1	1.0
10°-20°	1540.5	3.5
20°-30°	2976.7	6.7
30°-40°	5026.4	11.3
40°-50°	7971.3	17.9
50°-60°	10672.7	24.0
60°-70°	10157.0	22.8
70°-80°	5300.1	11.9
80°-90°	401.2	0.9
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°	44513.0	100.0
0°-180°	44513.0	100.0



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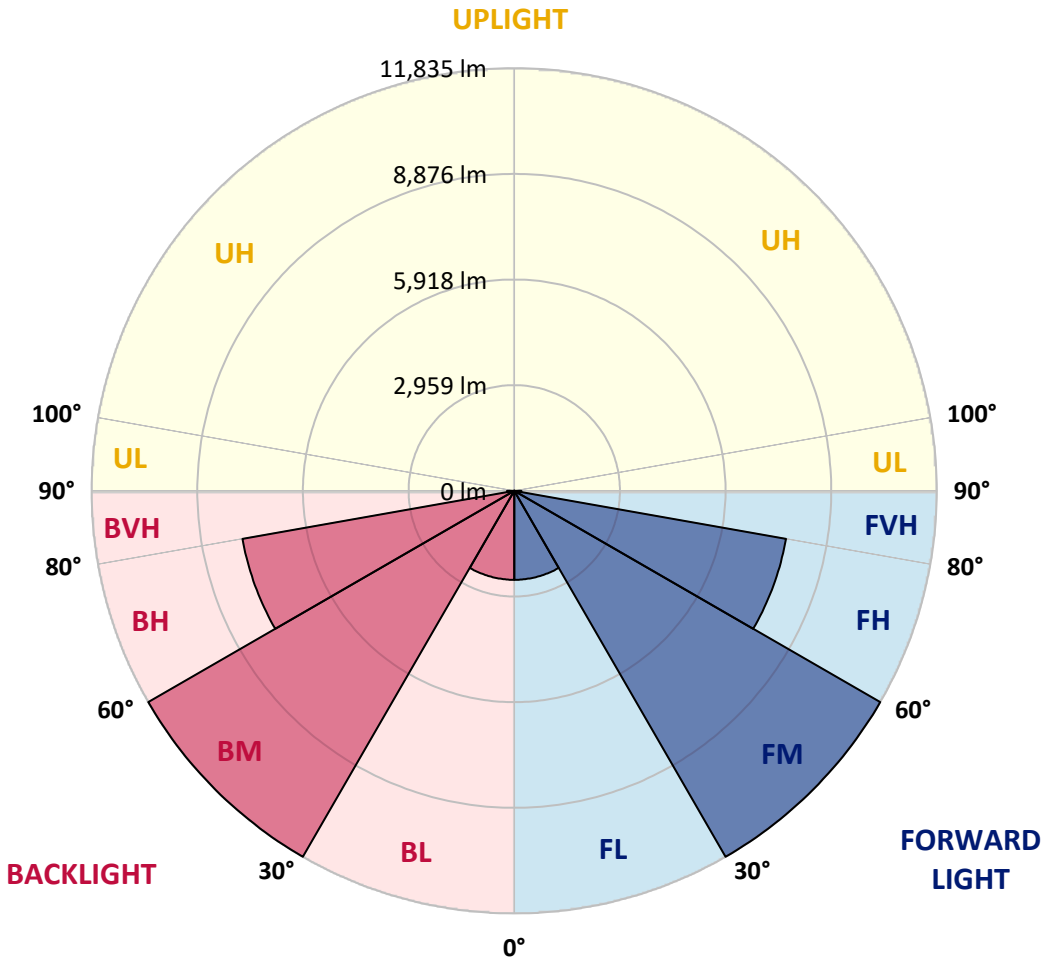
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2492.2	5.6			
FM	(30°-60°)	11835.2	26.6			
FH	(60°-80°)	7728.5	17.4			G4/12000
FVH	(80°-90°)	200.6	0.5			G2/225
BL	(0°-30°)	2492.2	5.6	B3/2500		
BM	(30°-60°)	11835.2	26.6	B5		
BH	(60°-80°)	7728.5	17.4	B5		G5
BVH	(80°-90°)	200.6	0.5			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G5
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4768.1	4768.1	4768.1	4768.1	4768.1	4768.1	4768.1	4768.1	*4768.1*	4768.1
2.5°	4768.1	4763.6	4768.1	4772.7	4770.4	4770.4	4781.8	4788.6	*4802.2*	4800.0
5°	4736.3	4734.0	4752.2	4772.7	4788.6	4815.9	4850.0	4875.0	*4906.8*	4913.6
7.5°	4720.4	4713.6	4745.4	4781.8	4831.8	4900.0	4965.9	5034.0	*5088.6*	5106.8
10°	4731.8	4734.0	4777.2	4845.4	4925.0	5020.4	5113.6	5229.5	*5306.8*	5325.0
12.5°	4784.0	4779.5	4852.2	4961.3	5070.4	5190.9	5300.0	5427.2	*5511.3*	5554.5
15°	4879.5	4870.4	4972.7	5134.0	5293.1	5434.0	5522.7	5643.1	*5740.9*	5795.4
17.5°	4993.1	4997.7	5131.8	5340.9	5550.0	5709.0	5793.1	5854.5	*5929.5*	5977.2
20°	5193.1	5202.2	5352.2	5599.9	5838.6	6020.4	6088.6	6065.9	*6086.3*	6122.7
22.5°	5461.3	5465.9	5634.0	5902.2	6152.2	6352.2	6397.7	6304.5	*6247.7*	6272.7
25°	5772.7	5802.2	5970.4	6245.4	6502.2	6693.1	6713.6	6572.7	*6431.8*	6438.6
27.5°	6152.2	6179.5	6349.9	6622.7	6884.0	7049.9	7047.7	6859.0	*6652.2*	6599.9
30°	6563.6	6593.1	6768.1	7049.9	7293.1	7438.6	7406.8	7181.8	*6886.3*	6788.6
32.5°	7052.2	7070.4	7247.7	7529.5	7754.5	7870.4	7804.5	7527.2	*7159.0*	7047.7
35°	7643.1	7670.4	7802.2	8068.1	8265.8	8361.3	8249.9	7922.7	*7509.0*	7384.0
37.5°	8318.1	8299.9	8449.9	8686.3	8849.9	8909.0	8756.7	8368.1	*7909.0*	7761.3
40°	9022.6	9013.6	9177.2	9404.5	9493.1	9529.5	9304.5	8879.5	*8370.4*	8211.3
42.5°	9661.3	9654.5	9874.9	10127.2	10234.0	10193.1	9909.0	9422.6	*8904.5*	8722.6
45°	10172.6	10163.5	10434.0	10788.5	10997.6	10929.4	10547.6	10022.6	*9445.4*	9256.7
47.5°	10565.8	10570.4	10861.3	11299.9	11665.8	11690.8	11199.9	10634.0	*10040.8*	9827.2
50°	10849.9	10863.5	11174.9	11661.3	12161.3	12381.7	11865.8	11261.3	*10656.7*	10415.8
52.5°	10920.4	10945.4	11320.4	11890.8	12479.4	12899.9	12543.1	11863.5	*11240.8*	11011.3
55°	10545.4	10595.4	11070.4	11872.6	12674.9	13240.8	13138.5	12474.9	*11829.4*	11593.1
57.5°	9684.0	9754.5	10309.0	11356.7	12631.7	13474.9	13599.9	13061.2	*12418.1*	12190.8
60°	8477.2	8561.3	9093.1	10236.3	12022.6	13561.2	13924.9	13631.7	*12959.0*	12738.5
62.5°	6656.8	6765.8	7402.2	8743.1	10736.3	13159.0	14202.1	14147.6	*13445.3*	13170.3
65°	4270.4	4386.3	5056.8	6640.8	9020.4	11927.2	14288.5	14649.9	*13959.0*	13574.9
67.5°	2575.0	2627.2	2959.1	4025.0	6593.1	10070.4	13556.7	15206.7	*14559.0*	14081.7
70°	1647.7	1677.3	1875.0	2363.6	3727.2	7347.7	11743.1	15311.2	*15286.2*	14602.1
72.5°	*1118.2*	*1127.3*	*1179.5*	*1400.0*	*2109.1*	*4175.0*	*8661.3*	*13861.2*	*15740.8*	*15272.6*
75°	818.2	868.2	952.3	990.9	1197.7	2086.3	4963.6	9738.5	*13265.8*	13470.3
77.5°	609.1	611.4	727.3	772.7	854.5	1111.4	2100.0	5436.3	*8236.3*	8647.6
80°	515.9	488.6	486.4	622.7	643.2	693.2	938.6	1877.3	*2950.0*	1788.6
82.5°	429.5	400.0	361.4	486.4	438.6	425.0	406.8	763.6	*938.6*	461.4
85°	300.0	286.4	272.7	318.2	250.0	213.6	195.5	356.8	*395.5*	195.5
87.5°	129.5	134.1	136.4	140.9	104.5	75.0	75.0	100.0	*100.0*	77.3
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°
4768.1
4797.7
4913.6
5111.3
5343.1
5572.7
5815.9
5999.9
6149.9
6290.9
6449.9
6615.8
6799.9
7074.9
7402.2
7788.6
8263.6
8768.1
9299.9
9890.8
10488.5
11070.4
11659.0
12243.1
12786.2
13202.2
13622.6
14118.1
14597.6
15199.9
12974.9
7713.6
1352.3
393.2
172.7
56.8
0.0

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