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: P1203745

Luminaire Tested: GWC-SB2D-735-U-RW

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203745
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-19)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2D-735-U-RW
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND RECTANGULAR WIDE OP
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20952 lumens
Efficiency:	N/A
Efficacy:	142.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B4 - U0 - G4

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

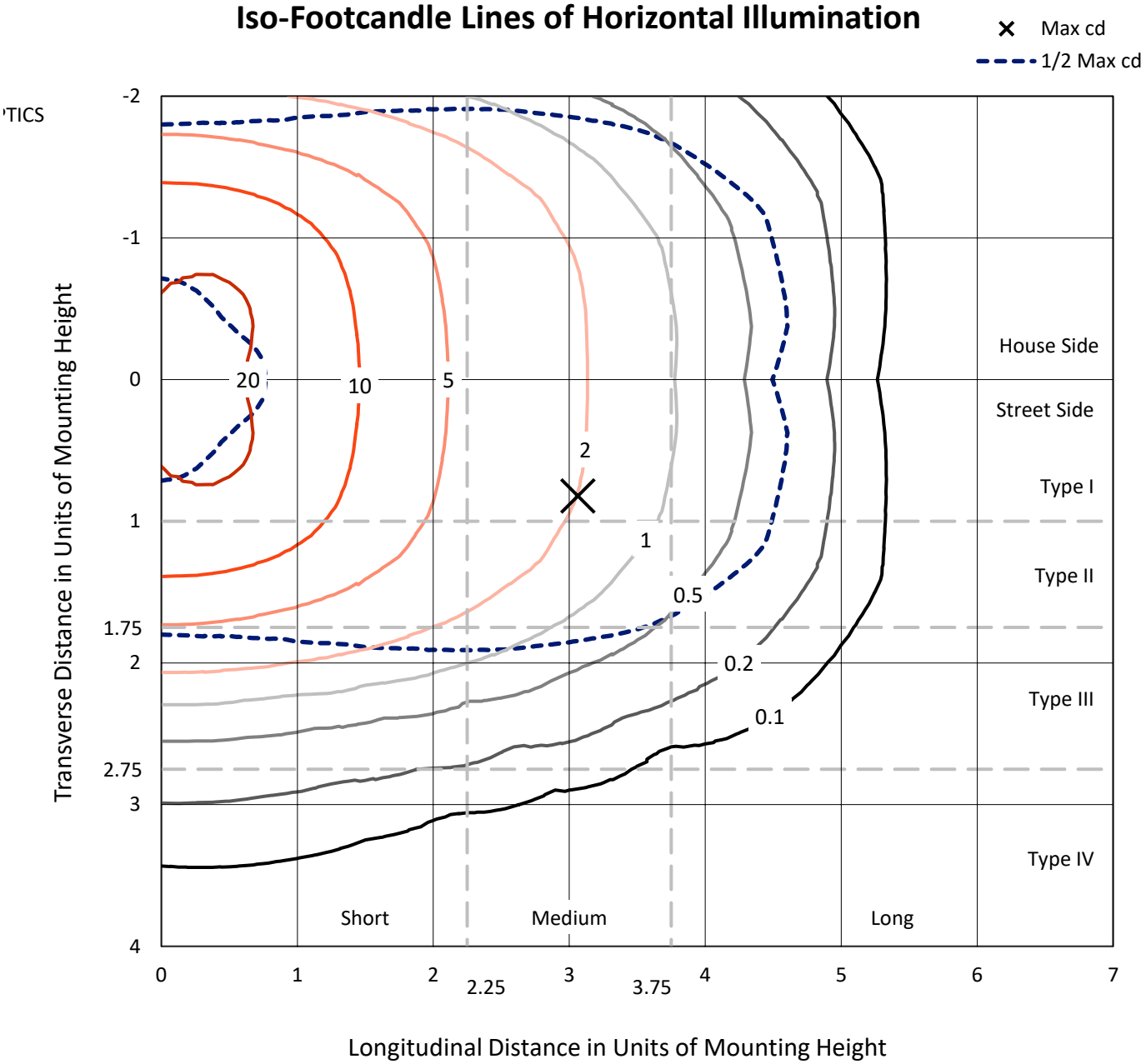


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Iso-Footcandle Lines of Horizontal Illumination



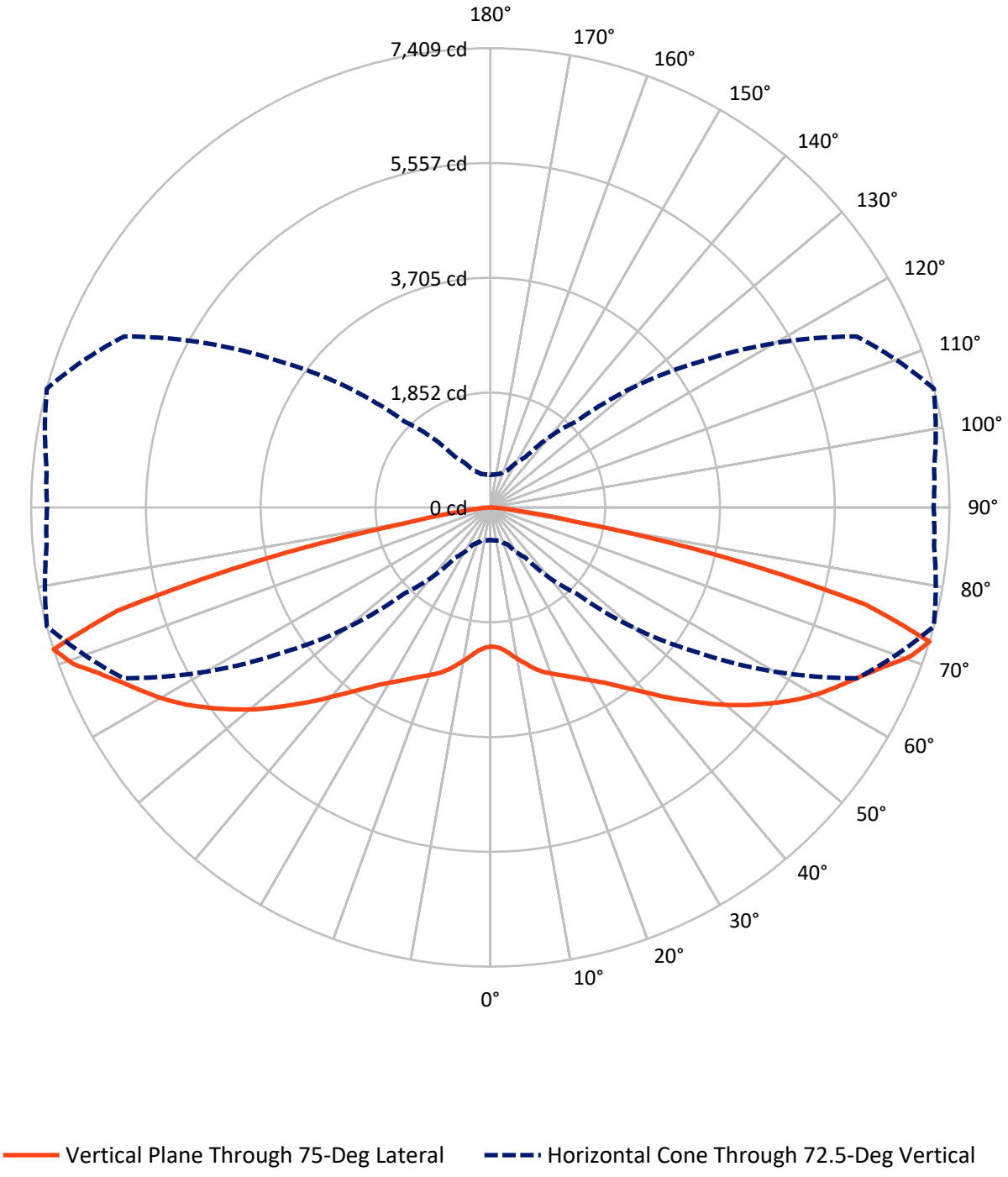
Based on 10 foot mounting height. Maximum calculated value = 24.6 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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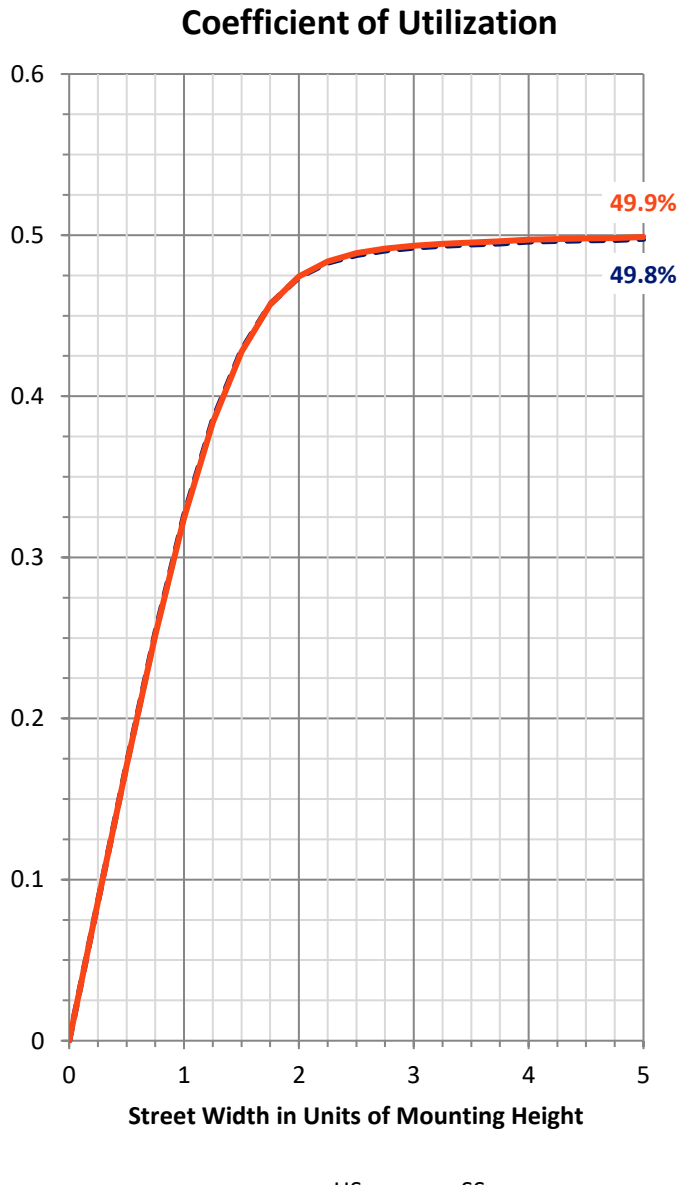
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10476.0	0.0	10476.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	10476.0	0.0	10476.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	20952.0	0.0	20952.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	219.9	1.0
10°-20°	725.1	3.5
20°-30°	1401.1	6.7
30°-40°	2365.9	11.3
40°-50°	3752.1	17.9
50°-60°	5023.6	24.0
60°-70°	4780.8	22.8
70°-80°	2494.7	11.9
80°-90°	188.8	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°	20952.0	100.0
0°-180°	20952.0	100.0



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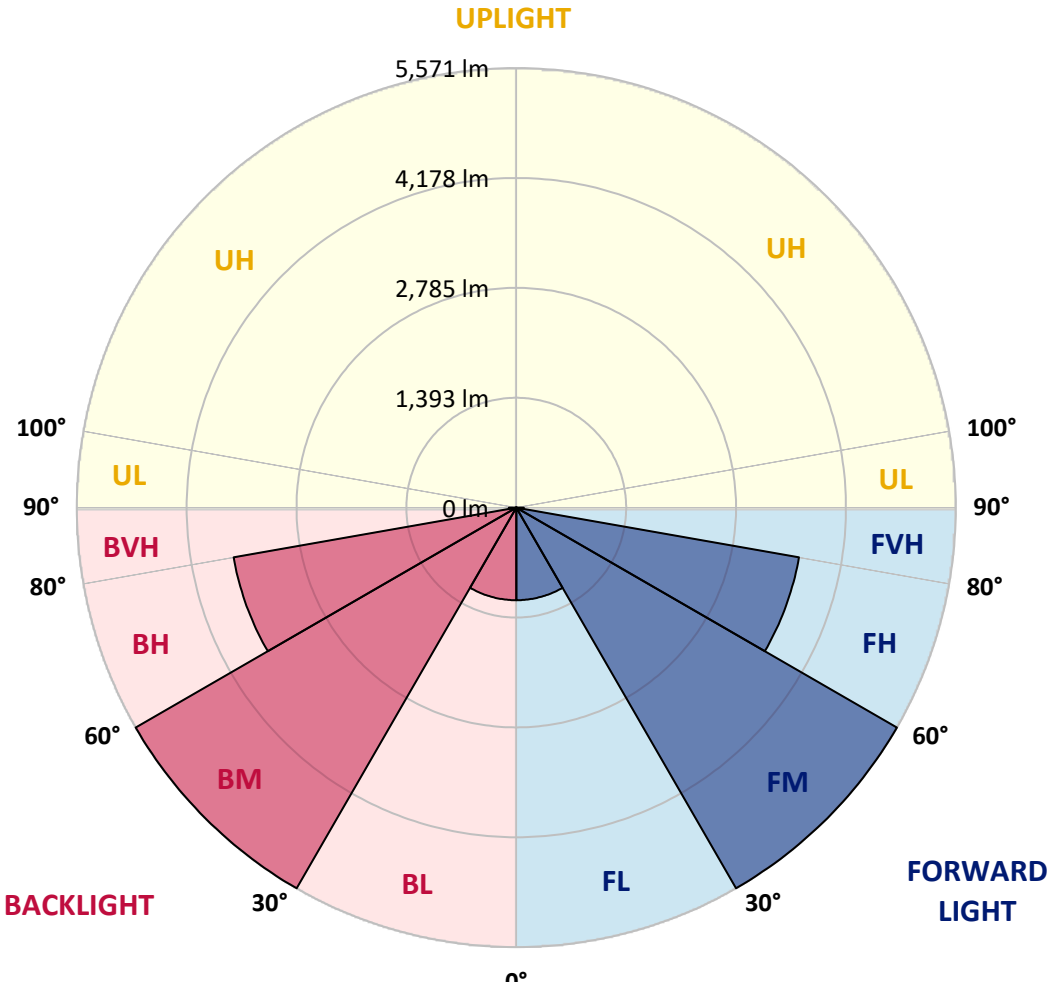
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1173.1	5.6			
FM	(30°-60°)	5570.8	26.6			
FH	(60°-80°)	3637.8	17.4			G2/5000
FVH	(80°-90°)	94.4	0.5			G1/100
BL	(0°-30°)	1173.1	5.6	B3/2500		
BM	(30°-60°)	5570.8	26.6	B4/8500		
BH	(60°-80°)	3637.8	17.4	B4/5000		G4/5000
BVH	(80°-90°)	94.4	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G4
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	2244.3	2244.3	2244.3	2244.3	2244.3	2244.3	2244.3	2244.3	2244.3	2244.3	2244.3
2.5°	2244.3	2242.2	2244.3	2246.5	2245.4	2245.4	2250.8	2254.0	2260.4	2259.3	2258.2
5°	2229.4	2228.3	2236.8	2246.5	2254.0	2266.8	2282.8	2294.6	2309.6	2312.8	2312.8
7.5°	2221.9	2218.7	2233.6	2250.8	2274.3	2306.4	2337.4	2369.5	2395.2	2403.7	2405.9
10°	2227.2	2228.3	2248.6	2280.7	2318.1	2363.1	2406.9	2461.5	2497.9	2506.4	2515.0
12.5°	2251.8	2249.7	2283.9	2335.3	2386.6	2443.3	2494.7	2554.6	2594.1	2614.5	2623.0
15°	2296.8	2292.5	2340.6	2416.6	2491.4	2557.8	2599.5	2656.2	2702.2	2727.9	2737.5
17.5°	2350.2	2352.4	2415.5	2513.9	2612.3	2687.2	2726.8	2755.7	2791.0	2813.4	2824.1
20°	2444.4	2448.7	2519.3	2635.9	2748.2	2833.8	2865.9	2855.2	2864.8	2881.9	2894.7
22.5°	2570.6	2572.7	2651.9	2778.1	2895.8	2989.9	3011.3	2967.5	2940.7	2952.5	2961.1
25°	2717.2	2731.1	2810.2	2939.7	3060.6	3150.4	3160.0	3093.7	3027.4	3030.6	3035.9
27.5°	2895.8	2908.6	2988.9	3117.2	3240.3	3318.4	3317.3	3228.5	3131.2	3106.6	3114.0
30°	3089.4	3103.3	3185.7	3318.4	3432.8	3501.3	3486.3	3380.4	3241.3	3195.3	3200.7
32.5°	3319.4	3328.0	3411.4	3544.1	3650.0	3704.5	3673.5	3543.0	3369.7	3317.3	3330.1
35°	3597.6	3610.4	3672.4	3797.6	3890.7	3935.6	3883.2	3729.1	3534.5	3475.6	3484.2
37.5°	3915.3	3906.7	3977.3	4088.6	4165.6	4193.4	4121.7	3938.8	3722.7	3653.2	3666.0
40°	4246.9	4242.6	4319.6	4426.6	4468.3	4485.5	4379.6	4179.5	3939.9	3865.0	3889.6
42.5°	4547.5	4544.3	4648.1	4766.8	4817.1	4797.8	4664.1	4435.2	4191.3	4105.7	4127.1
45°	4788.2	4783.9	4911.2	5078.1	5176.5	5144.4	4964.7	4717.6	4445.9	4357.1	4377.4
47.5°	4973.3	4975.4	5112.3	5318.8	5491.0	5502.8	5271.7	5005.4	4726.2	4625.6	4655.5
50°	5107.0	5113.4	5260.0	5488.9	5724.2	5828.0	5585.2	5300.6	5016.1	4902.7	4936.9
52.5°	5140.1	5151.9	5328.4	5596.9	5874.0	6071.9	5903.9	5584.1	5291.0	5182.9	5210.7
55°	4963.6	4987.2	5210.7	5588.4	5966.0	6232.4	6184.2	5871.9	5568.0	5456.8	5487.8
57.5°	4558.2	4591.4	4852.4	5345.5	5945.7	6342.5	6401.4	6147.8	5845.1	5738.1	5762.7
60°	3990.2	4029.7	4280.1	4818.2	5659.0	6383.2	6554.4	6416.4	6099.7	5995.9	6018.4
62.5°	3133.3	3184.6	3484.2	4115.3	5053.5	6193.8	6684.9	6659.2	6328.6	6199.2	6214.2
65°	2010.1	2064.6	2380.2	3125.8	4245.8	5614.0	6725.5	6895.6	6570.4	6389.6	6412.1
67.5°	1212.0	1236.6	1392.8	1894.5	3103.3	4740.1	6381.1	7157.7	6852.8	6628.2	6645.3
70°	775.6	789.5	882.5	1112.5	1754.4	3458.5	5527.4	7206.9	7195.1	6873.1	6871.0
72.5°	526.3	530.6	555.2	659.0	992.7	1965.1	4076.8	6524.4	7409.1	7188.7	7154.5
75°	385.1	408.6	448.2	466.4	563.8	982.0	2336.3	4583.9	6244.1	6340.4	6107.2
77.5°	286.7	287.8	342.3	363.7	402.2	523.1	988.4	2558.8	3876.8	4070.4	3630.7
80°	242.8	230.0	228.9	293.1	302.7	326.3	441.8	883.6	1388.5	841.9	636.5
82.5°	202.2	188.3	170.1	228.9	206.5	200.0	191.5	359.4	441.8	217.2	185.1
85°	141.2	134.8	128.4	149.8	117.7	100.6	92.0	168.0	186.1	92.0	81.3
87.5°	61.0	63.1	64.2	66.3	49.2	35.3	35.3	47.1	47.1	36.4	26.7
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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SS

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(END OF REPORT)