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: P1201962

Luminaire Tested: GWC-SB1C-827-U-5WQ

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201962
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-1)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1C-827-U-5WQ
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6622 lumens
Efficiency:	N/A
Efficacy:	121.7 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B3 - U0 - G2

Input Watts (W):	54.4
Input Voltage (V):	120.0
Input Current (Ain):	0.437
Voltage Rise (V):	NR
Power Factor:	0.993
Total Harmonic Distortion (THDi):	9.314
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

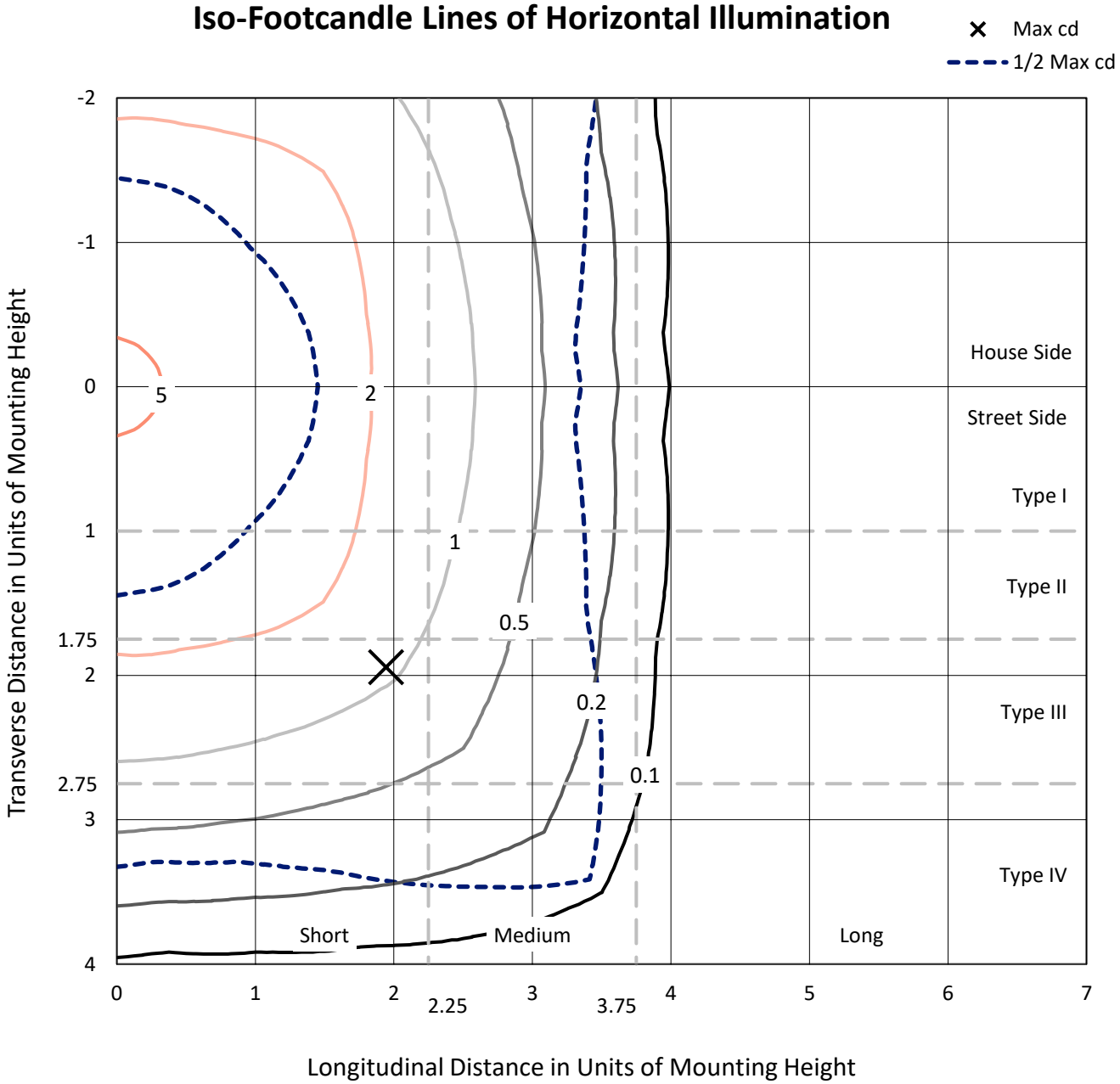


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Iso-Footcandle Lines of Horizontal Illumination



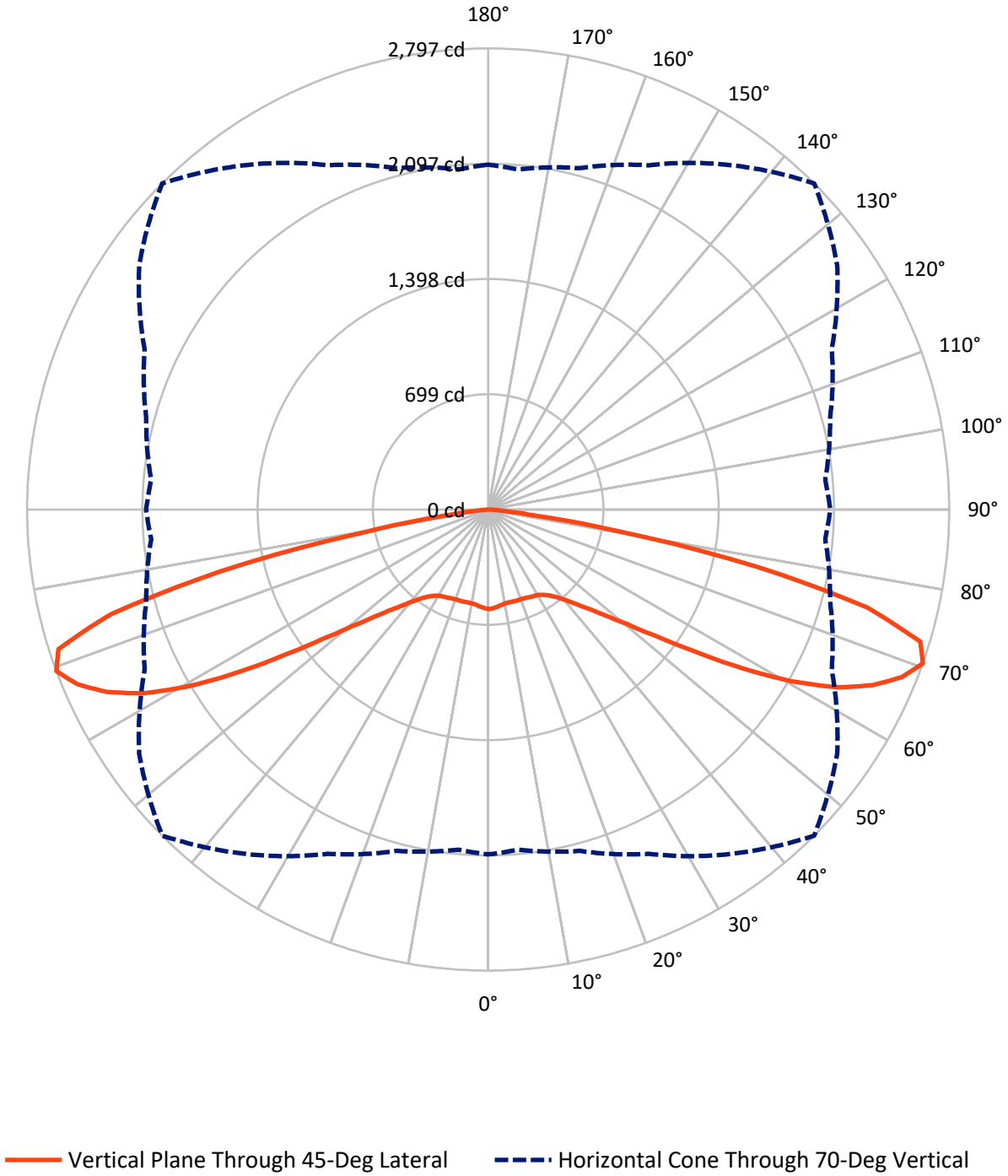
Based on 10 foot mounting height. Maximum calculated value = 6 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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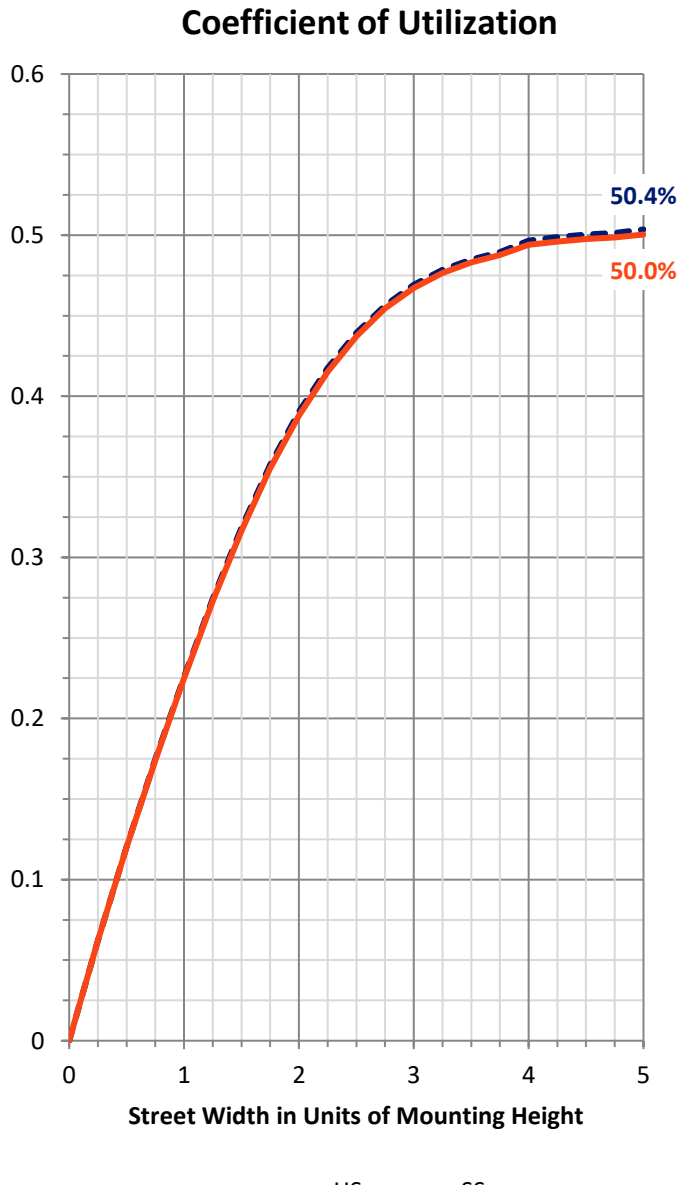
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3311.0	0.0	3311.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3311.0	0.0	3311.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	6622.0	0.0	6622.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.2	0.8
10°-20°	165.0	2.5
20°-30°	274.6	4.1
30°-40°	415.2	6.3
40°-50°	690.0	10.4
50°-60°	1302.1	19.7
60°-70°	2198.6	33.2
70°-80°	1444.7	21.8
80°-90°	75.7	1.1
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°	6622.0	100.0
0°-180°	6622.0	100.0



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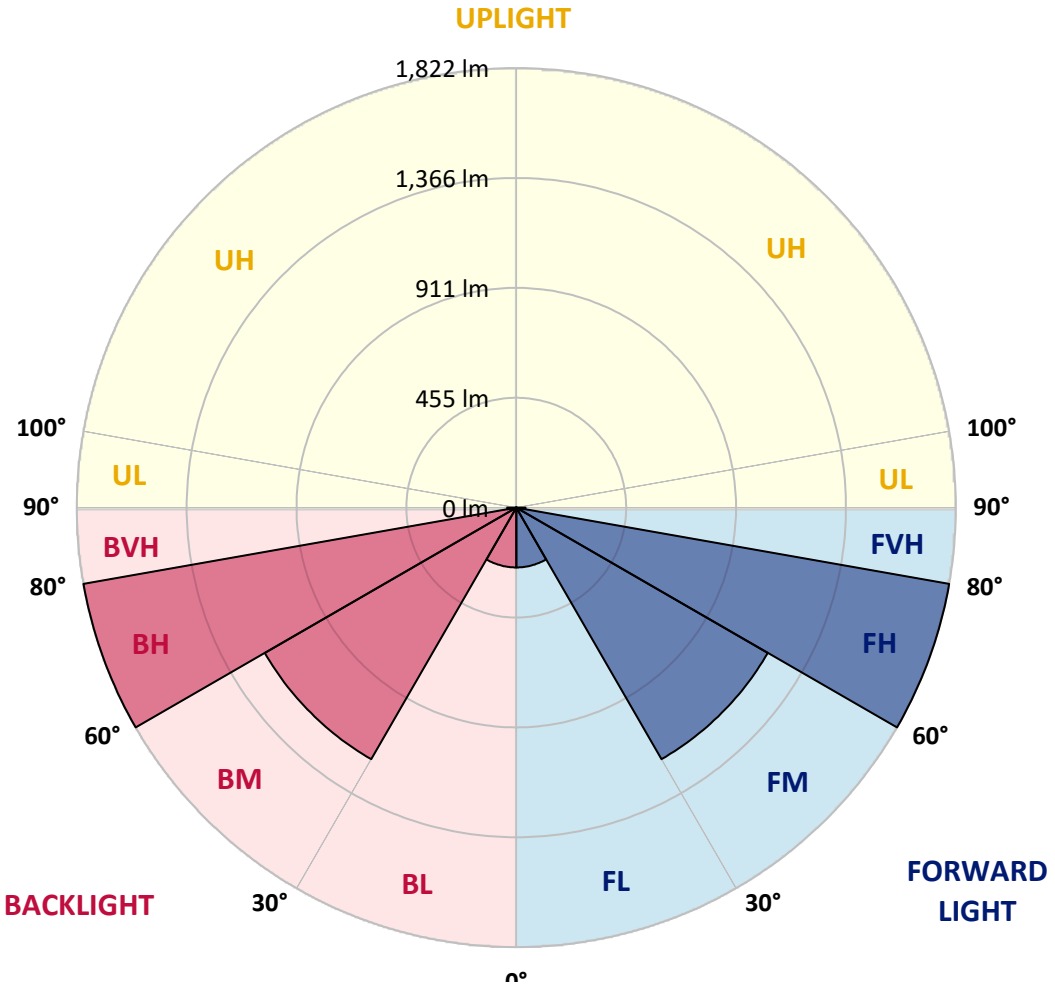
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	247.9	3.7			
FM	(30°-60°)	1203.7	18.2			
FH	(60°-80°)	1821.6	27.5			G2/5000
FVH	(80°-90°)	37.8	0.6			G1/100
BL	(0°-30°)	247.9	3.7	B1/500		
BM	(30°-60°)	1203.7	18.2	B2/2500		
BH	(60°-80°)	1821.6	27.5	B3/2500		G2/5000
BVH	(80°-90°)	37.8	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	604.1	604.1	604.1	604.1	604.1	604.1	604.1	604.1	604.1	604.1	604.1
2.5°	600.3	602.0	601.3	599.9	599.9	598.9	599.9	600.6	601.7	602.3	602.0
5°	592.4	593.7	593.4	592.4	592.7	591.7	592.4	593.4	594.1	594.4	594.4
7.5°	585.5	586.9	586.2	584.4	584.4	583.4	583.8	584.8	585.8	586.2	586.2
10°	583.8	585.1	583.1	580.3	579.3	577.9	578.2	579.3	581.3	582.4	582.4
12.5°	584.4	585.5	583.4	579.3	578.2	576.9	576.9	577.9	580.7	582.0	582.4
15°	586.5	587.5	584.4	580.0	578.9	577.9	577.6	578.9	582.0	584.4	584.8
17.5°	590.3	591.3	586.5	580.3	578.9	579.3	578.9	580.0	584.8	589.3	589.3
20°	593.7	594.4	587.9	580.3	578.9	579.3	578.9	581.0	587.2	593.4	593.7
22.5°	594.8	595.5	589.3	582.7	581.7	582.0	581.7	583.8	589.6	595.8	595.8
25°	595.1	596.1	591.3	586.2	587.9	588.6	587.9	588.2	592.7	598.2	597.9
27.5°	600.3	601.7	597.2	592.7	593.7	593.4	594.4	595.5	598.9	604.4	603.0
30°	610.9	612.0	608.2	603.7	603.0	600.6	603.7	607.2	610.9	615.8	614.7
32.5°	628.5	630.6	625.7	620.9	617.8	616.5	618.9	624.7	629.9	635.0	633.0
35°	657.8	659.1	654.7	645.7	640.2	640.2	642.3	649.8	658.1	664.6	662.2
37.5°	699.1	700.8	692.9	682.2	673.9	673.9	676.7	684.6	697.0	706.3	702.8
40°	749.3	751.7	741.7	730.7	722.8	721.4	724.9	733.8	745.5	757.2	753.4
42.5°	809.9	812.6	799.6	789.9	783.7	783.7	785.4	793.7	804.4	818.8	817.8
45°	887.3	892.1	874.3	864.6	858.8	860.1	861.2	868.4	878.0	894.6	893.9
47.5°	979.6	984.4	965.5	955.5	954.4	961.0	956.9	962.0	967.2	986.1	980.6
50°	1084.2	1092.5	1079.4	1078.7	1080.8	1092.8	1083.2	1085.9	1080.1	1092.1	1084.9
52.5°	1212.2	1224.3	1221.9	1226.0	1249.1	1273.9	1251.8	1242.2	1220.2	1224.0	1211.2
55°	1367.5	1385.7	1389.2	1413.9	1466.3	1516.9	1470.1	1431.2	1384.3	1375.7	1362.3
57.5°	1544.1	1558.5	1575.0	1625.6	1723.4	1813.2	1723.4	1637.3	1563.7	1546.1	1533.7
60°	1734.0	1751.9	1767.8	1842.5	1987.7	2114.0	1985.0	1848.3	1750.9	1727.2	1706.5
62.5°	1938.2	1961.2	1972.2	2055.2	2224.5	2375.3	2226.9	2061.4	1953.3	1927.8	1907.2
65°	2134.0	2152.9	2165.3	2253.8	2415.6	2566.7	2426.6	2263.4	2152.2	2118.9	2102.3
67.5°	2225.2	2235.5	2265.8	2366.0	2536.7	2709.1	2565.6	2376.7	2252.4	2193.9	2194.6
70°	2091.7	2070.7	2143.6	2304.0	2551.2	2796.6	2584.2	2299.2	2147.1	2052.1	2074.8
72.5°	1616.3	1580.2	1706.9	1981.2	2385.9	2740.8	2402.5	1996.7	1785.7	1592.9	1640.8
75°	879.4	838.5	1013.3	1360.3	1902.7	2375.6	1946.4	1399.1	1128.3	872.9	929.7
77.5°	248.2	232.7	373.8	658.1	1144.4	1668.0	1188.5	672.6	443.3	263.0	292.2
80°	76.1	73.7	99.8	198.3	486.0	798.9	467.1	200.7	127.0	80.2	84.7
82.5°	45.1	41.3	49.6	72.3	123.9	250.9	120.5	75.4	60.6	40.6	44.1
85°	25.8	24.1	29.3	35.1	41.6	53.4	34.8	35.8	32.4	21.7	22.7
87.5°	10.7	9.6	11.4	11.0	9.6	12.4	9.3	11.0	13.1	8.6	7.9
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)