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: P1201960

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

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201960
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-20)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1C-827-U-5MQ
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE V MEDIUM OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6856 lumens
Efficiency:	N/A
Efficacy:	126.0 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B3 - U0 - G1

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

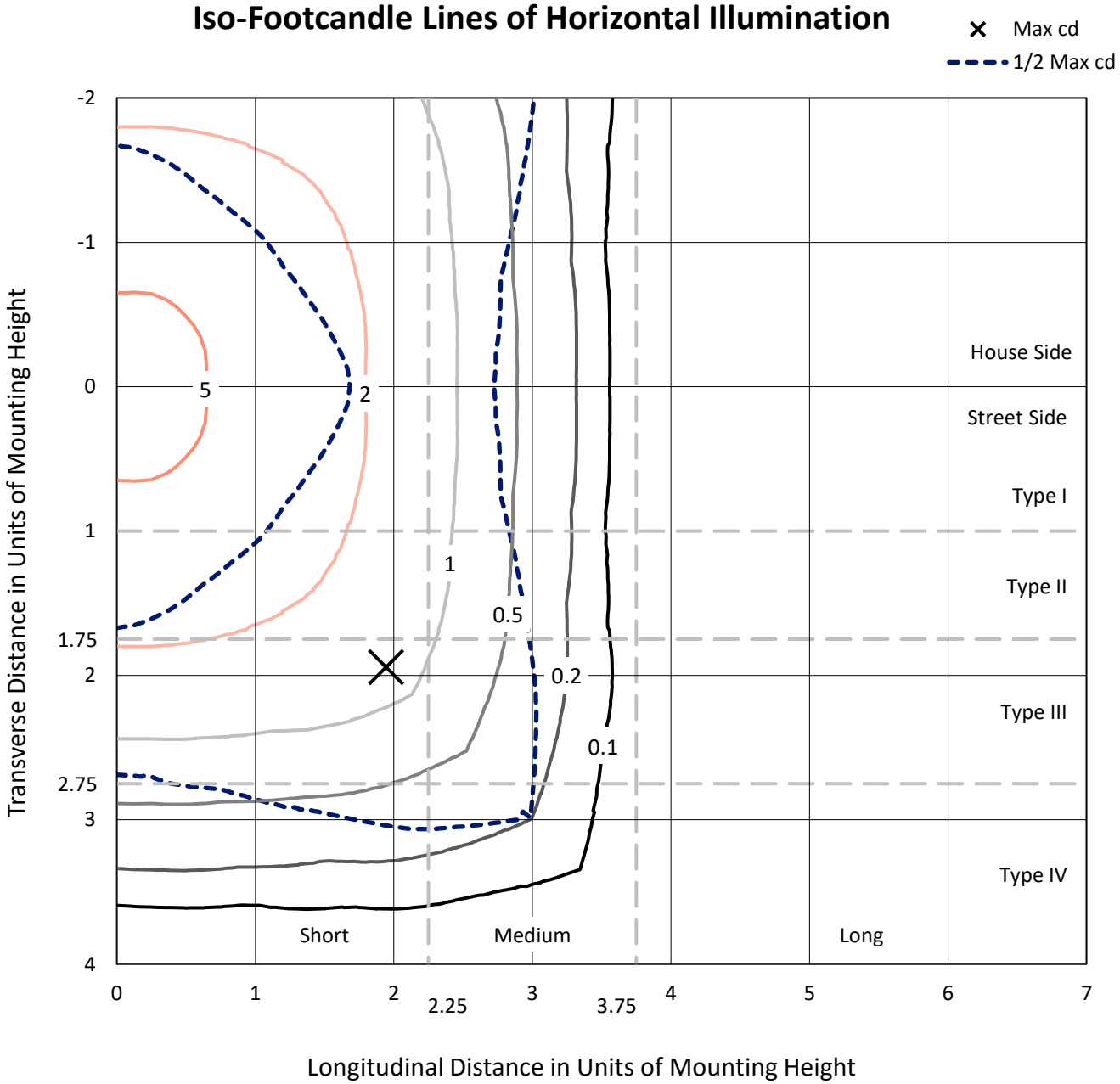


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Iso-Footcandle Lines of Horizontal Illumination



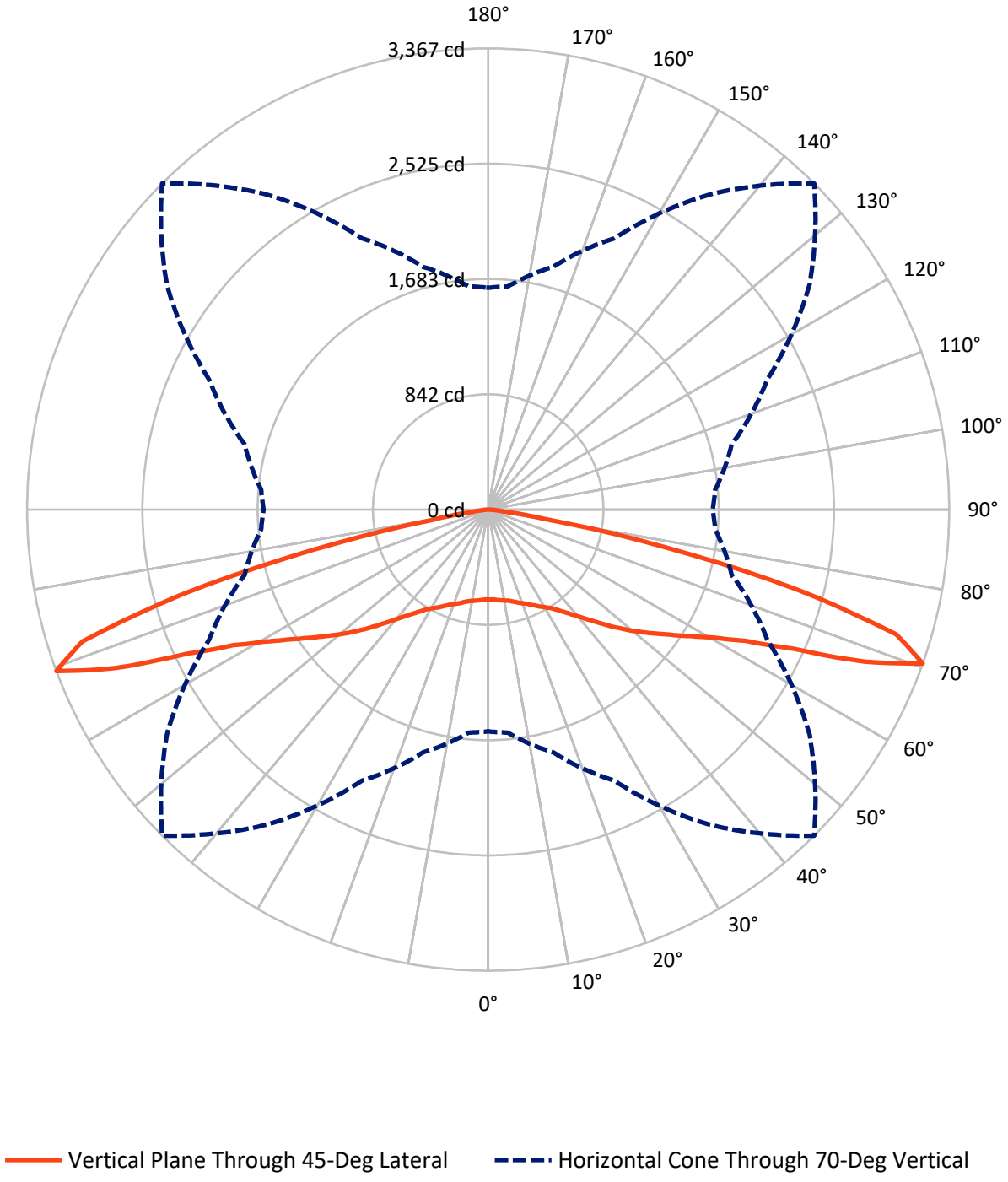
Based on 10 foot mounting height. Maximum calculated value = 6.6 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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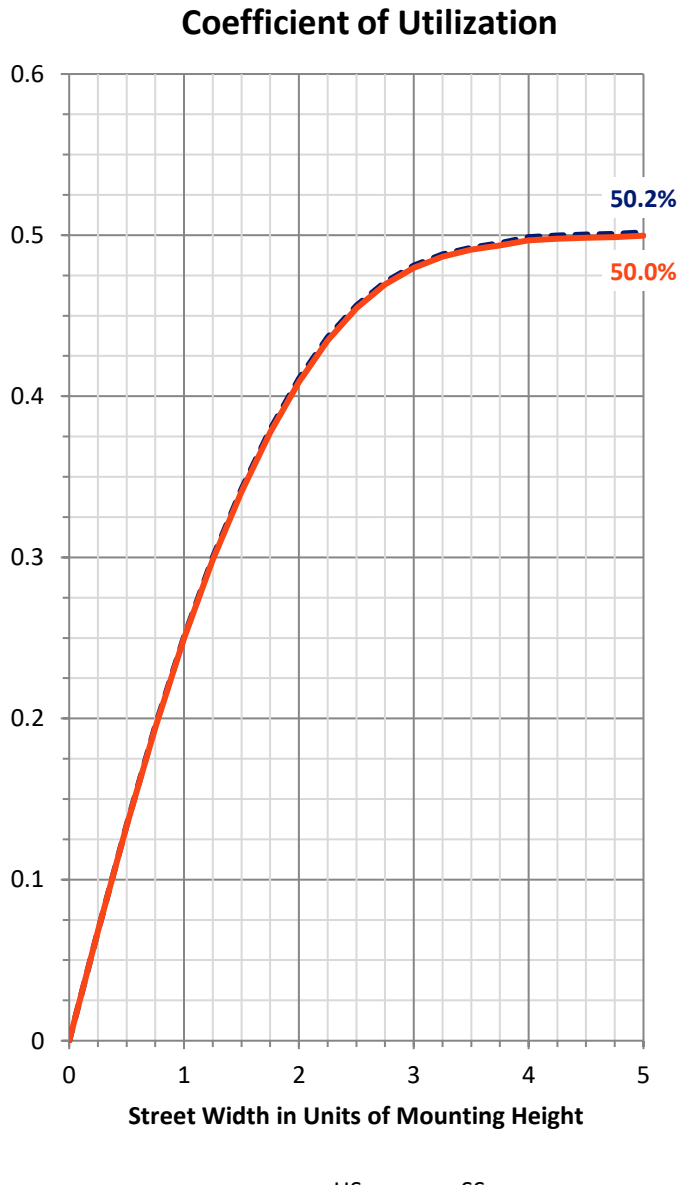
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3428.0	0.0	3428.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3428.0	0.0	3428.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	6856.0	0.0	6856.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.8	0.9
10°-20°	197.8	2.9
20°-30°	353.6	5.2
30°-40°	573.1	8.4
40°-50°	933.5	13.6
50°-60°	1423.3	20.8
60°-70°	2117.4	30.9
70°-80°	1154.1	16.8
80°-90°	39.3	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°	6856.0	100.0
0°-180°	6856.0	100.0



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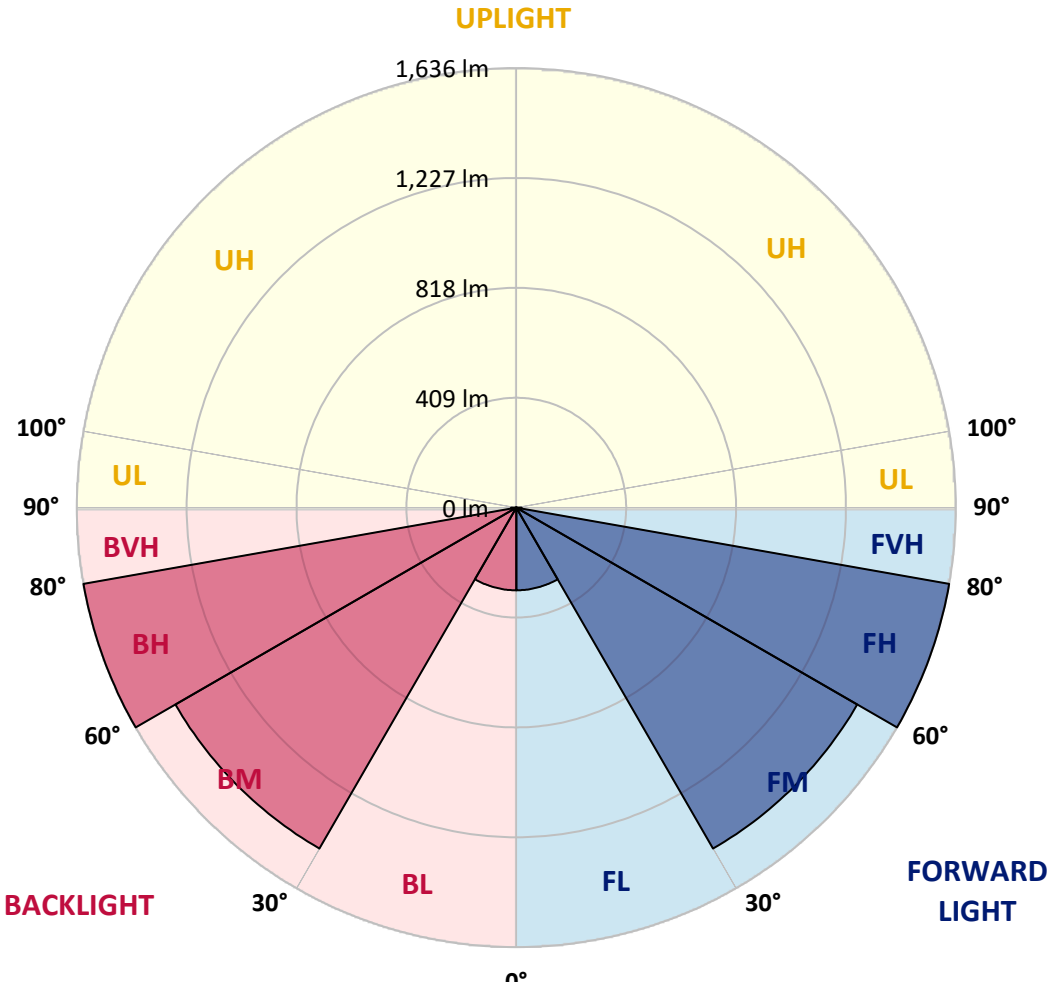
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	307.6	4.5			
FM	(30°-60°)	1465.0	21.4			
FH	(60°-80°)	1635.8	23.9			G1/1800
FVH	(80°-90°)	19.7	0.3			G1/100
BL	(0°-30°)	307.6	4.5	B1/500		
BM	(30°-60°)	1465.0	21.4	B2/2500		
BH	(60°-80°)	1635.8	23.9	B3/2500		G1/1800
BVH	(80°-90°)	19.7	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	656.7	656.7	656.7	656.7	656.7	656.7	656.7	656.7	656.7	656.7	656.7
2.5°	659.8	660.5	659.1	658.5	657.8	656.7	657.1	658.8	660.2	659.8	660.2
5°	665.3	666.0	665.0	664.7	663.3	662.9	662.9	664.7	665.7	665.0	665.3
7.5°	671.5	672.6	670.8	670.5	669.8	669.1	668.8	670.5	671.5	671.5	671.5
10°	677.4	678.4	677.0	676.0	675.3	675.3	674.6	676.0	677.7	677.4	677.4
12.5°	683.6	684.3	682.9	682.2	682.2	683.2	682.2	682.9	684.3	683.6	683.2
15°	691.2	691.5	691.2	692.2	693.9	697.3	694.3	693.6	694.3	692.5	692.5
17.5°	701.5	702.2	703.5	706.0	708.4	714.6	709.1	707.3	707.3	703.9	703.9
20°	714.2	715.2	717.3	721.4	724.5	730.4	724.9	722.5	721.4	717.0	717.0
22.5°	727.6	729.4	732.5	738.0	743.5	749.0	743.5	739.3	736.2	730.4	730.0
25°	743.1	745.2	750.0	759.0	766.5	774.5	767.9	759.6	753.5	745.2	744.8
27.5°	765.2	767.6	773.4	784.4	794.1	801.0	794.8	784.1	775.5	765.5	765.2
30°	796.1	798.5	805.4	817.1	823.7	828.1	824.0	815.8	805.4	794.1	794.1
32.5°	836.1	839.2	846.7	857.7	859.1	859.8	858.4	854.3	846.7	833.0	833.3
35°	886.7	890.1	898.7	907.7	906.3	907.7	905.6	904.2	898.7	882.9	882.9
37.5°	948.6	952.7	961.7	968.6	965.1	963.4	963.8	964.1	961.0	943.5	943.5
40°	1020.6	1026.1	1032.6	1039.8	1034.0	1028.8	1032.3	1035.0	1032.3	1014.4	1014.4
42.5°	1094.6	1102.5	1109.4	1119.7	1114.9	1108.3	1113.1	1116.2	1110.4	1091.1	1092.5
45°	1176.8	1184.4	1193.3	1208.8	1205.4	1198.5	1205.4	1206.1	1196.1	1173.4	1175.8
47.5°	1261.8	1269.8	1283.2	1303.8	1302.5	1294.9	1303.8	1299.0	1286.3	1259.1	1257.4
50°	1342.4	1353.4	1374.0	1403.0	1405.7	1396.4	1408.5	1399.2	1377.8	1343.8	1343.1
52.5°	1418.1	1429.8	1462.5	1501.7	1511.7	1499.7	1515.9	1499.7	1467.7	1424.0	1419.8
55°	1497.6	1510.7	1549.6	1600.9	1620.8	1611.9	1627.0	1602.6	1557.2	1504.2	1496.9
57.5°	1591.2	1599.2	1645.6	1706.5	1740.3	1742.3	1749.2	1707.9	1652.8	1592.6	1584.4
60°	1692.8	1703.8	1754.4	1827.4	1880.7	1897.9	1890.7	1829.4	1765.4	1696.2	1685.2
62.5°	1822.9	1834.9	1895.5	1982.9	2067.3	2109.9	2081.7	1992.9	1913.8	1830.8	1816.3
65°	1930.6	1944.0	2053.5	2209.4	2362.9	2448.6	2377.7	2214.2	2071.7	1954.7	1935.4
67.5°	1852.5	1869.0	2040.8	2327.1	2708.9	2964.6	2721.9	2362.2	2083.1	1924.4	1900.7
70°	1619.1	1634.6	1834.9	2185.0	2806.3	3366.6	2864.8	2249.3	1841.5	1663.9	1640.1
72.5°	1074.9	1124.8	1327.6	1747.5	2505.8	3115.4	2530.6	1712.1	1231.5	1072.5	1037.8
75°	356.6	396.5	534.9	905.9	1678.3	2329.9	1597.8	801.6	423.7	305.0	288.4
77.5°	89.8	103.6	142.8	259.2	669.5	1326.5	602.7	211.7	115.3	80.5	71.9
80°	43.7	48.2	68.8	86.4	167.6	421.6	157.3	81.2	54.4	42.0	38.6
82.5°	24.1	24.4	38.9	48.9	62.3	109.1	64.7	47.5	31.3	25.5	25.5
85°	14.8	14.5	20.7	26.2	26.2	38.9	31.0	26.2	17.9	15.8	16.5
87.5°	5.9	5.9	7.6	8.3	7.2	10.0	7.9	8.6	6.9	6.5	6.9
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)