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: P1201588

Luminaire Tested: GWC-SB1B-827-U-5WQ

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201588
	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-SB1B-827-U-5WQ
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4980 lumens
Efficiency:	N/A
Efficacy:	125.1 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):	39.8
Input Voltage (V):	120.0
Input Current (Ain):	0.33
Voltage Rise (V):	NR
Power Factor:	0.996
Total Harmonic Distortion (THDi):	5.305
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

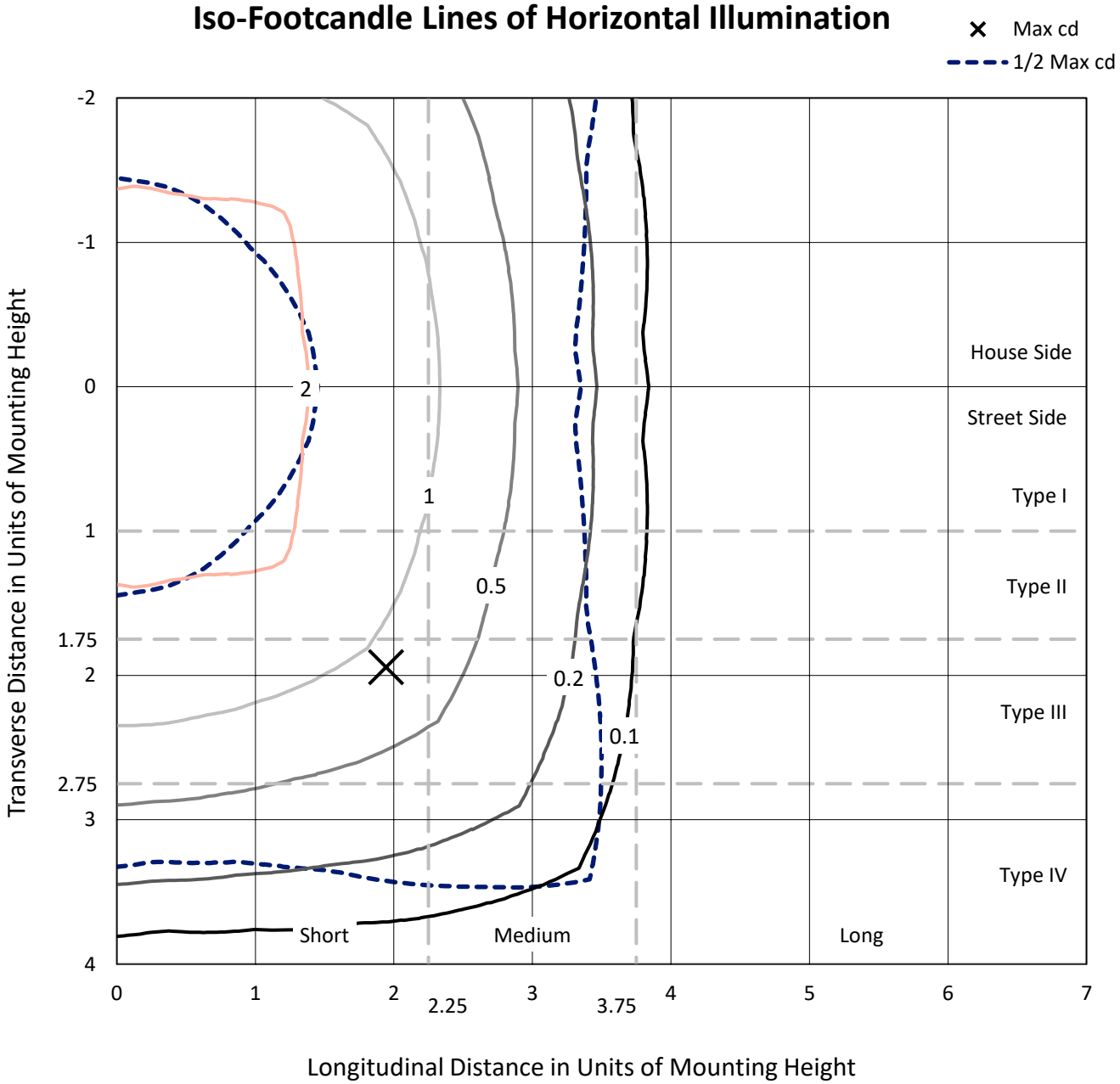


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Iso-Footcandle Lines of Horizontal Illumination



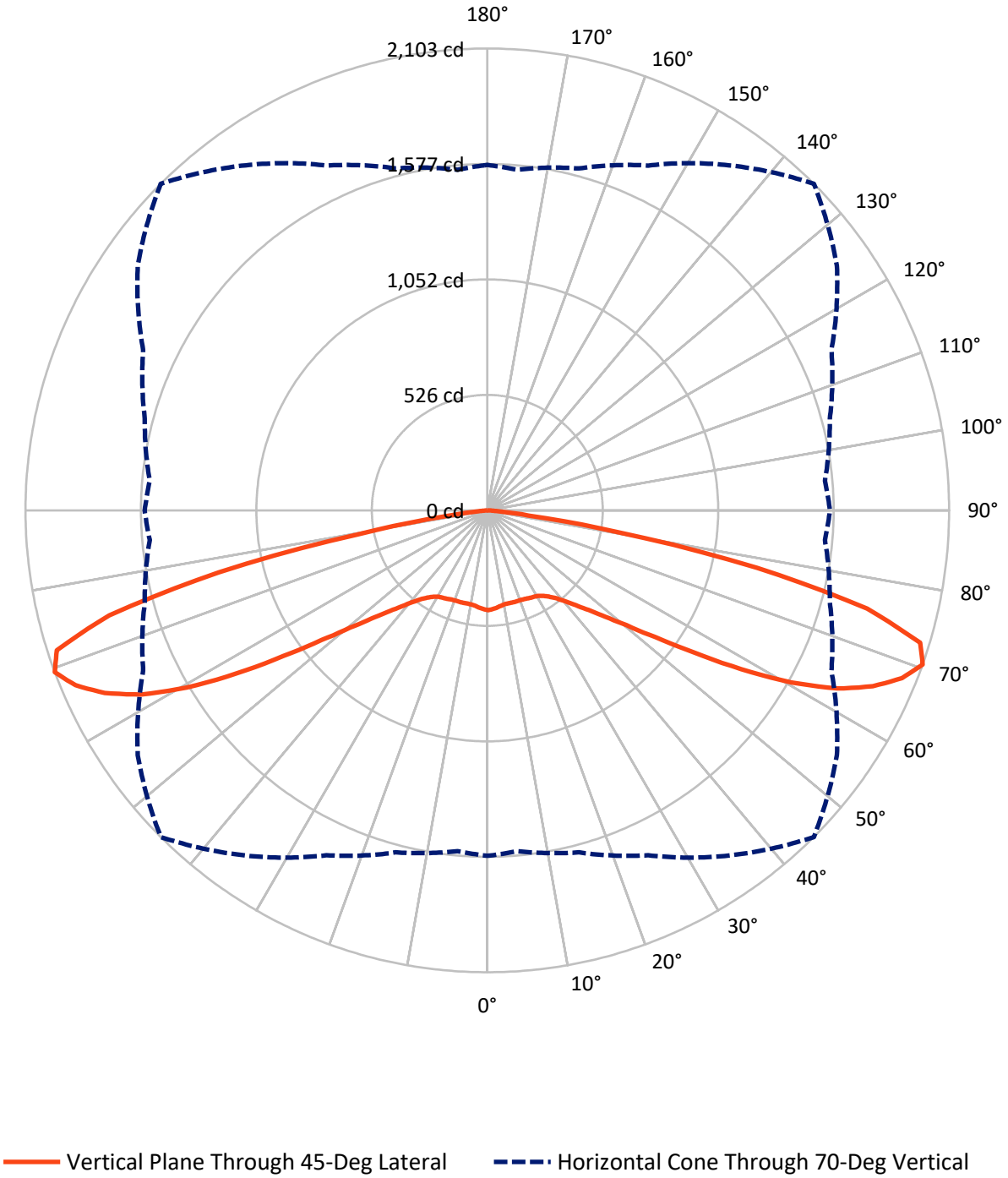
Based on 10 foot mounting height. Maximum calculated value = 4.5 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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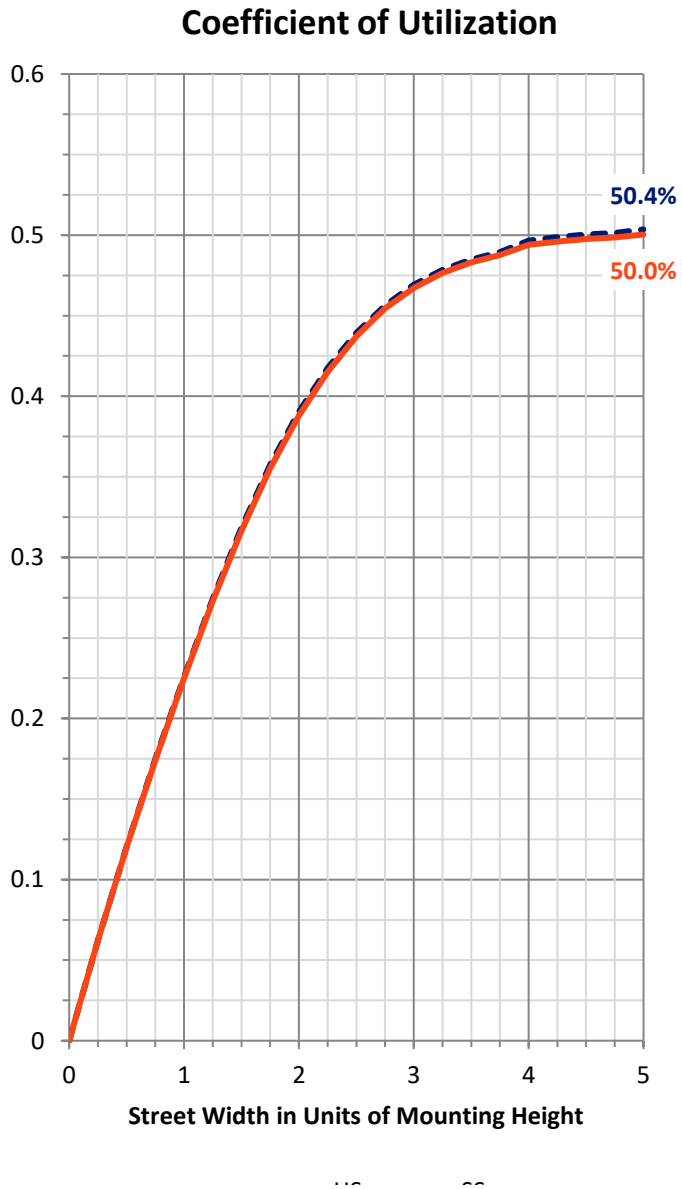
REPORT NUMBER: P1201588
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2490.0	0.0	2490.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2490.0	0.0	2490.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	4980.0	0.0	4980.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.3	0.8
10°-20°	124.1	2.5
20°-30°	206.5	4.1
30°-40°	312.3	6.3
40°-50°	518.9	10.4
50°-60°	979.2	19.7
60°-70°	1653.4	33.2
70°-80°	1086.5	21.8
80°-90°	56.9	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°	4980.0	100.0
0°-180°	4980.0	100.0



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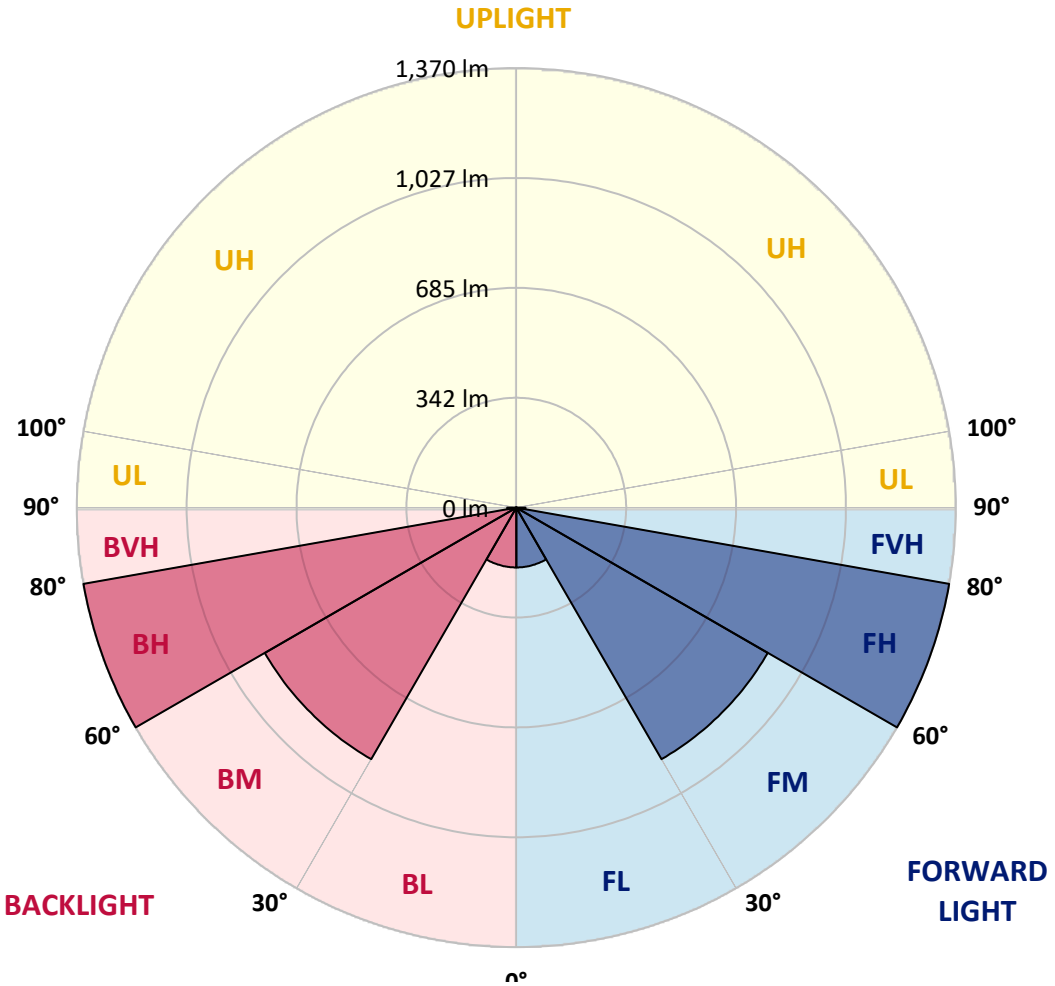
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	186.4	3.7			
FM	(30°-60°)	905.2	18.2			
FH	(60°-80°)	1369.9	27.5			G1/1800
FVH	(80°-90°)	28.5	0.6			G1/100
BL	(0°-30°)	186.4	3.7	B1/500		
BM	(30°-60°)	905.2	18.2	B1/1000		
BH	(60°-80°)	1369.9	27.5	B3/2500		G1/1800
BVH	(80°-90°)	28.5	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-G1
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3
2.5°	451.4	452.7	452.2	451.2	451.2	450.4	451.2	451.7	452.5	453.0	452.7
5°	445.5	446.5	446.3	445.5	445.7	445.0	445.5	446.3	446.8	447.0	447.0
7.5°	440.3	441.3	440.8	439.5	439.5	438.7	439.0	439.8	440.6	440.8	440.8
10°	439.0	440.0	438.5	436.4	435.6	434.6	434.9	435.6	437.2	438.0	438.0
12.5°	439.5	440.3	438.7	435.6	434.9	433.8	433.8	434.6	436.7	437.7	438.0
15°	441.1	441.9	439.5	436.2	435.4	434.6	434.3	435.4	437.7	439.5	439.8
17.5°	443.9	444.7	441.1	436.4	435.4	435.6	435.4	436.2	439.8	443.1	443.1
20°	446.5	447.0	442.1	436.4	435.4	435.6	435.4	436.9	441.6	446.3	446.5
22.5°	447.3	447.8	443.1	438.2	437.5	437.7	437.5	439.0	443.4	448.1	448.1
25°	447.5	448.3	444.7	440.8	442.1	442.6	442.1	442.4	445.7	449.9	449.6
27.5°	451.4	452.5	449.1	445.7	446.5	446.3	447.0	447.8	450.4	454.5	453.5
30°	459.5	460.2	457.4	454.0	453.5	451.7	454.0	456.6	459.5	463.1	462.3
32.5°	472.7	474.2	470.6	467.0	464.6	463.6	465.4	469.8	473.7	477.6	476.0
35°	494.7	495.7	492.3	485.6	481.5	481.5	483.0	488.7	494.9	499.8	498.0
37.5°	525.7	527.0	521.1	513.0	506.8	506.8	508.9	514.8	524.2	531.2	528.6
40°	563.5	565.3	557.8	549.5	543.6	542.5	545.1	551.9	560.7	569.5	566.6
42.5°	609.1	611.1	601.3	594.1	589.4	589.4	590.7	596.9	604.9	615.8	615.0
45°	667.3	670.9	657.5	650.2	645.8	646.9	647.6	653.1	660.3	672.7	672.2
47.5°	736.7	740.3	726.1	718.6	717.8	722.7	719.6	723.5	727.4	741.6	737.5
50°	815.4	821.6	811.7	811.2	812.8	821.8	814.6	816.7	812.3	821.3	815.9
52.5°	911.7	920.7	918.9	922.0	939.4	958.0	941.4	934.2	917.6	920.5	910.9
55°	1028.4	1042.1	1044.7	1063.3	1102.7	1140.7	1105.5	1076.3	1041.1	1034.6	1024.5
57.5°	1161.2	1172.1	1184.5	1222.5	1296.0	1363.6	1296.0	1231.3	1175.9	1162.7	1153.4
60°	1304.1	1317.5	1329.4	1385.6	1494.8	1589.8	1492.8	1390.0	1316.8	1298.9	1283.4
62.5°	1457.6	1474.9	1483.2	1545.6	1672.9	1786.3	1674.7	1550.2	1469.0	1449.8	1434.3
65°	1604.9	1619.1	1628.4	1694.9	1816.6	1930.2	1824.9	1702.2	1618.6	1593.5	1581.0
67.5°	1673.4	1681.2	1704.0	1779.3	1907.7	2037.4	1929.4	1787.3	1693.9	1649.9	1650.4
70°	1573.0	1557.2	1612.1	1732.7	1918.6	2103.1	1943.4	1729.1	1614.7	1543.2	1560.3
72.5°	1215.5	1188.4	1283.6	1489.9	1794.3	2061.2	1806.8	1501.6	1342.9	1197.9	1233.9
75°	661.4	630.6	762.0	1023.0	1430.9	1786.6	1463.8	1052.2	848.5	656.4	699.1
77.5°	186.6	175.0	281.1	494.9	860.7	1254.4	893.8	505.8	333.4	197.8	219.8
80°	57.2	55.4	75.1	149.1	365.5	600.8	351.3	150.9	95.5	60.3	63.7
82.5°	33.9	31.1	37.3	54.4	93.2	188.7	90.6	56.7	45.6	30.5	33.1
85°	19.4	18.1	22.0	26.4	31.3	40.1	26.1	26.9	24.3	16.3	17.1
87.5°	8.0	7.2	8.5	8.3	7.2	9.3	7.0	8.3	9.8	6.5	6.0
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)