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: P1201214

Luminaire Tested: GWC-SB1A-827-U-5WQ

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201214
	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-SB1A-827-U-5WQ
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3967 lumens
Efficiency:	N/A
Efficacy:	128.4 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):	30.9
Input Voltage (V):	120.0
Input Current (Ain):	0.263
Voltage Rise (V):	NR
Power Factor:	0.995
Total Harmonic Distortion (THDi):	6.356
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

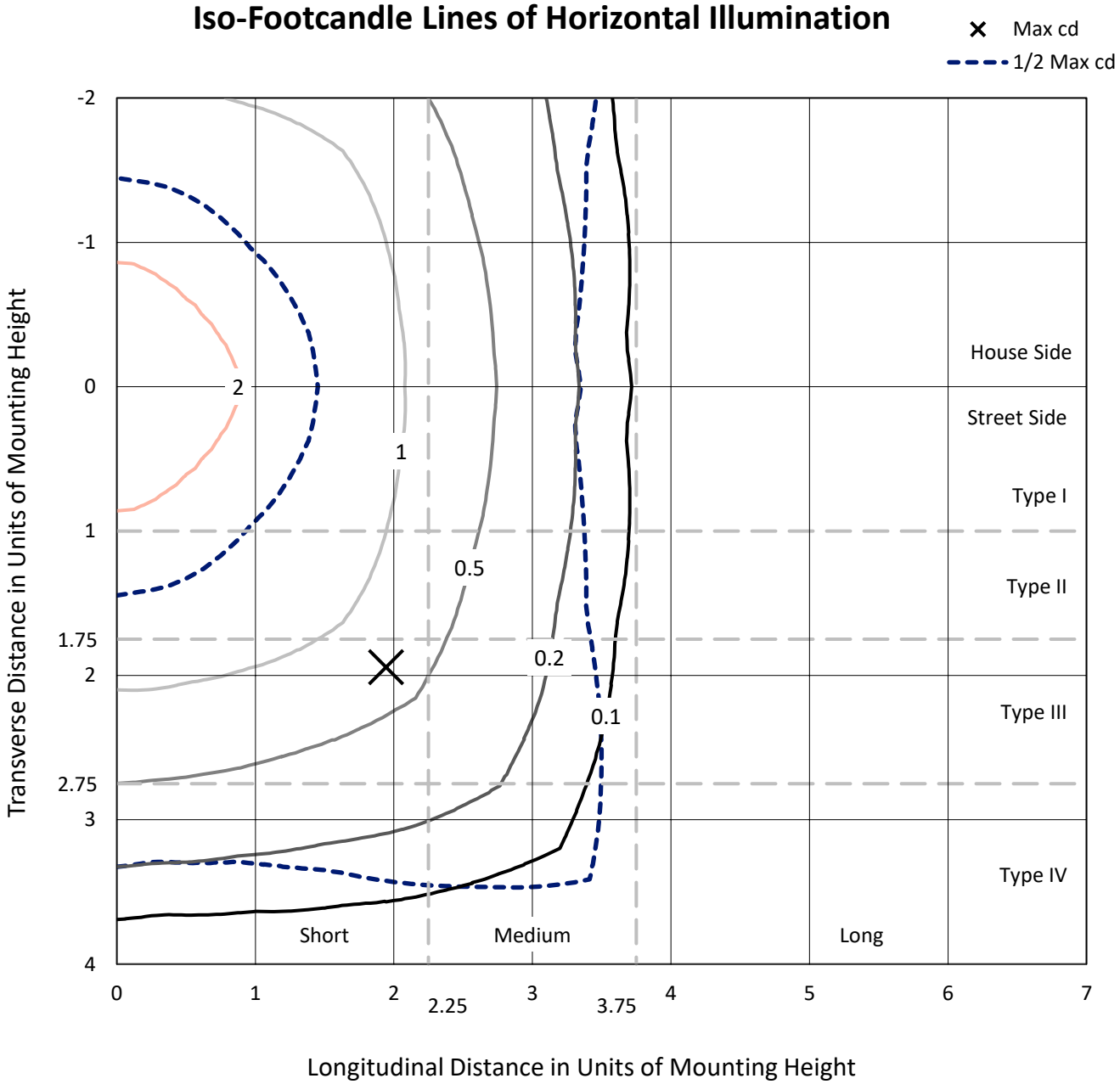


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Iso-Footcandle Lines of Horizontal Illumination



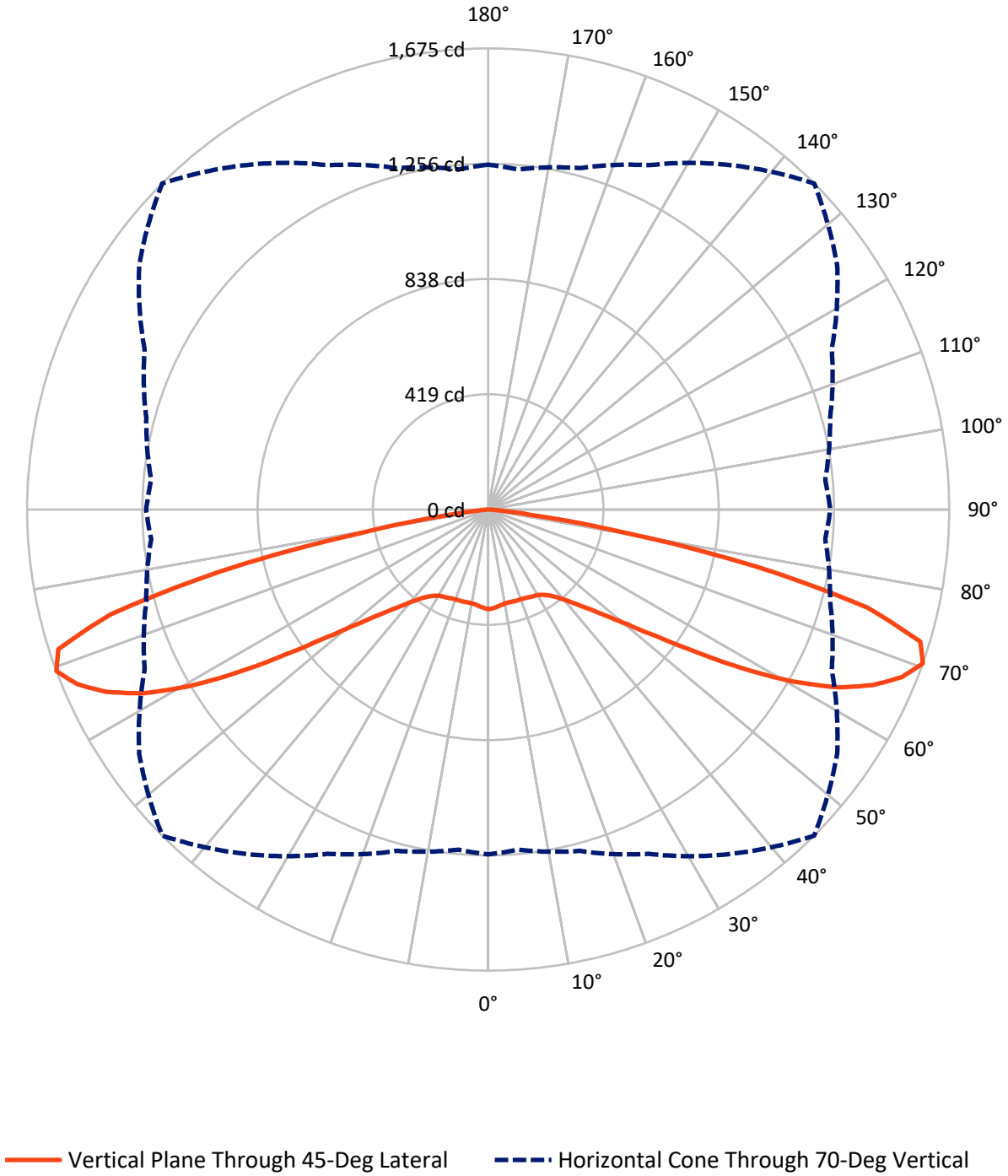
Based on 10 foot mounting height. Maximum calculated value = 3.6 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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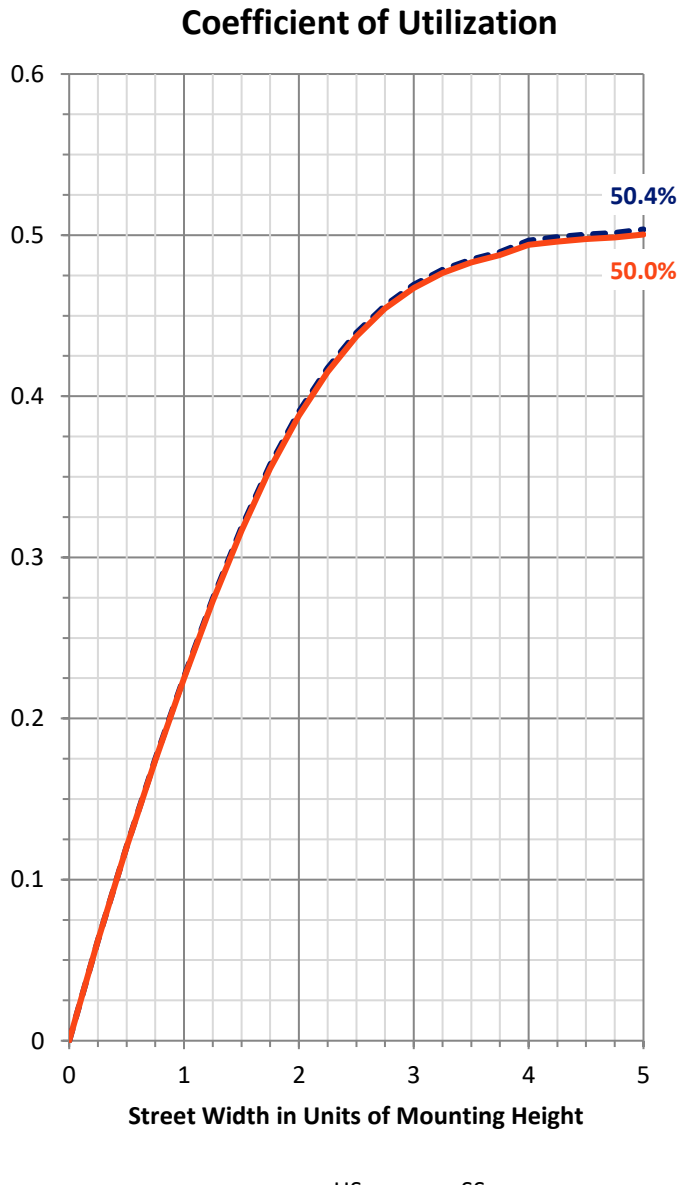
REPORT NUMBER: P1201214
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1983.5	0.0	1983.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1983.5	0.0	1983.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	3967.0	0.0	3967.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.7	0.8
10°-20°	98.8	2.5
20°-30°	164.5	4.1
30°-40°	248.7	6.3
40°-50°	413.4	10.4
50°-60°	780.0	19.7
60°-70°	1317.1	33.2
70°-80°	865.5	21.8
80°-90°	45.3	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°	3967.0	100.0
0°-180°	3967.0	100.0



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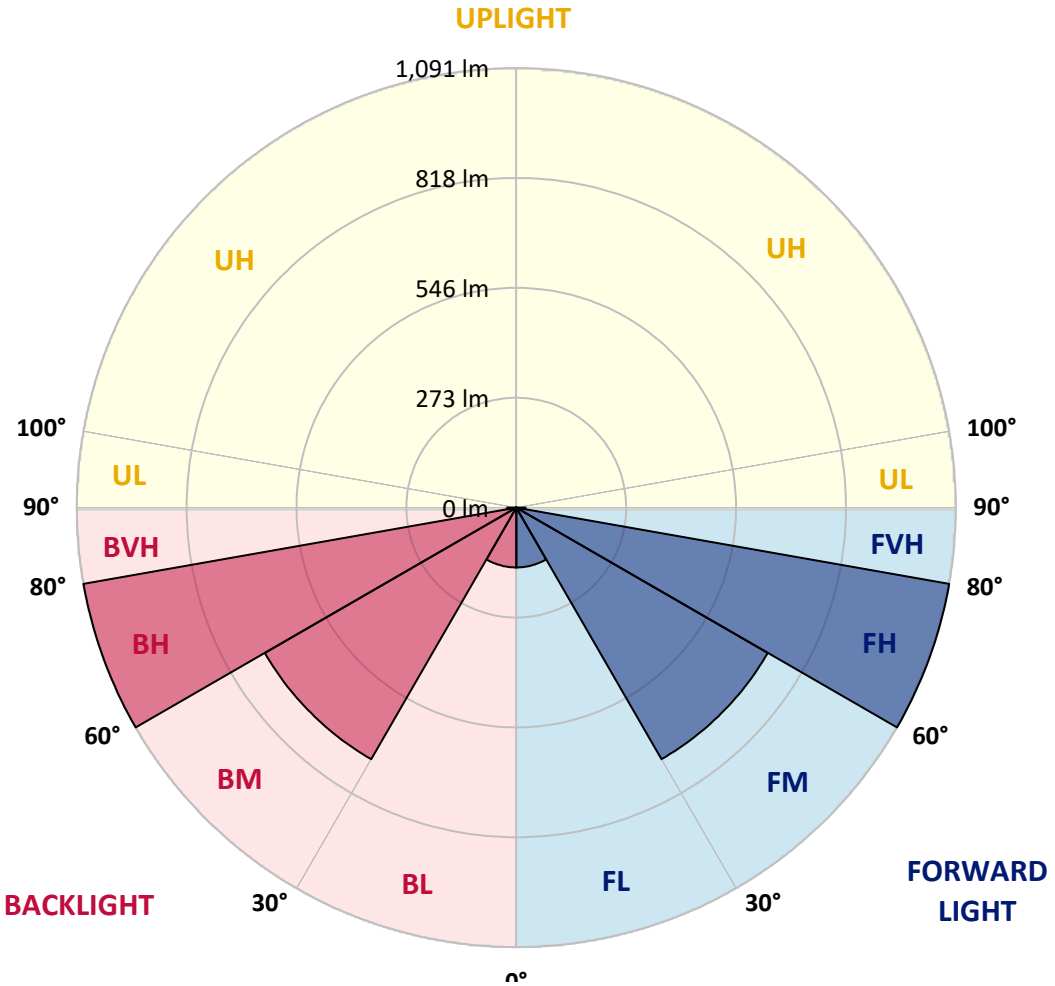
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	148.5	3.7			
FM	(30°-60°)	721.1	18.2			
FH	(60°-80°)	1091.3	27.5			G1/1800
FVH	(80°-90°)	22.7	0.6			G1/100
BL	(0°-30°)	148.5	3.7	B1/500		
BM	(30°-60°)	721.1	18.2	B1/1000		
BH	(60°-80°)	1091.3	27.5	B3/2500		G1/1800
BVH	(80°-90°)	22.7	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°	361.9	361.9	361.9	361.9	361.9	*361.9*	361.9	361.9	361.9	361.9	361.9
2.5°	359.6	360.6	360.2	359.4	359.4	*358.8*	359.4	359.8	360.4	360.8	360.6
5°	354.9	355.7	355.5	354.9	355.1	*354.4*	354.9	355.5	355.9	356.1	356.1
7.5°	350.7	351.6	351.1	350.1	350.1	*349.5*	349.7	350.3	350.9	351.1	351.1
10°	349.7	350.5	349.3	347.6	347.0	*346.2*	346.4	347.0	348.3	348.9	348.9
12.5°	350.1	350.7	349.5	347.0	346.4	*345.6*	345.6	346.2	347.8	348.7	348.9
15°	351.4	352.0	350.1	347.4	346.8	*346.2*	346.0	346.8	348.7	350.1	350.3
17.5°	353.6	354.2	351.4	347.6	346.8	*347.0*	346.8	347.4	350.3	353.0	353.0
20°	355.7	356.1	352.2	347.6	346.8	*347.0*	346.8	348.1	351.8	355.5	355.7
22.5°	356.3	356.7	353.0	349.1	348.5	*348.7*	348.5	349.7	353.2	356.9	356.9
25°	356.5	357.1	354.2	351.1	352.2	*352.6*	352.2	352.4	355.1	358.4	358.2
27.5°	359.6	360.4	357.7	355.1	355.7	*355.5*	356.1	356.7	358.8	362.1	361.3
30°	366.0	366.6	364.3	361.7	361.3	*359.8*	361.7	363.7	366.0	368.9	368.3
32.5°	376.5	377.7	374.9	372.0	370.1	*369.3*	370.7	374.2	377.3	380.4	379.2
35°	394.0	394.9	392.2	386.8	383.5	*383.5*	384.8	389.3	394.2	398.2	396.7
37.5°	418.8	419.8	415.1	408.7	403.7	*403.7*	405.4	410.1	417.5	423.1	421.0
40°	448.9	450.3	444.3	437.7	433.0	*432.2*	434.2	439.6	446.6	453.6	451.4
42.5°	485.2	486.8	479.0	473.2	469.5	*469.5*	470.5	475.5	481.9	490.5	489.9
45°	531.6	534.5	523.7	518.0	514.5	*515.3*	515.9	520.2	526.0	535.9	535.5
47.5°	586.8	589.7	578.4	572.4	571.8	*575.7*	573.2	576.3	579.4	590.7	587.4
50°	649.5	654.5	646.6	646.2	647.4	*654.7*	648.9	650.5	647.0	654.3	649.9
52.5°	726.2	733.4	732.0	734.5	748.3	*763.1*	749.9	744.2	731.0	733.2	725.6
55°	819.2	830.1	832.2	847.0	878.4	*908.7*	880.7	857.4	829.3	824.2	816.1
57.5°	925.0	933.6	943.5	973.9	1032.4	*1086.2*	1032.4	980.9	936.7	926.2	918.8
60°	1038.8	1049.5	1059.0	1103.8	1190.8	*1266.4*	1189.1	1107.3	1048.9	1034.7	1022.3
62.5°	1161.1	1174.9	1181.5	1231.2	1332.6	*1422.9*	1334.1	1234.9	1170.2	1154.9	1142.5
65°	1278.4	1289.7	1297.2	1350.2	1447.1	*1537.6*	1453.7	1355.9	1289.3	1269.3	1259.4
67.5°	1333.0	1339.2	1357.4	1417.4	1519.6	*1623.0*	1537.0	1423.8	1349.3	1314.3	1314.7
70°	*1253.0*	*1240.5*	*1284.2*	*1380.3*	*1528.3*	*1675.3*	*1548.1*	*1377.4*	*1286.2*	*1229.3*	*1242.9*
72.5°	968.3	946.6	1022.5	1186.9	1429.3	*1641.9*	1439.2	1196.1	1069.7	954.3	982.9
75°	526.8	502.3	607.0	814.9	1139.8	*1423.2*	1166.0	838.2	675.9	522.9	556.9
77.5°	148.7	139.4	223.9	394.2	685.6	*999.2*	712.0	402.9	265.6	157.5	175.1
80°	45.6	44.1	59.8	118.8	291.1	*478.6*	279.8	120.2	76.1	48.0	50.7
82.5°	27.0	24.7	29.7	43.3	74.2	*150.3*	72.2	45.2	36.3	24.3	26.4
85°	15.5	14.4	17.5	21.0	24.9	*32.0*	20.8	21.4	19.4	13.0	13.6
87.5°	6.4	5.8	6.8	6.6	5.8	*7.4*	5.6	6.6	7.8	5.2	4.7
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)