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: P1201213

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

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201213
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-18)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1A-827-U-5NQ
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE V NARROW OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4109 lumens
Efficiency:	N/A
Efficacy:	133.0 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B2 - U0 - G0

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

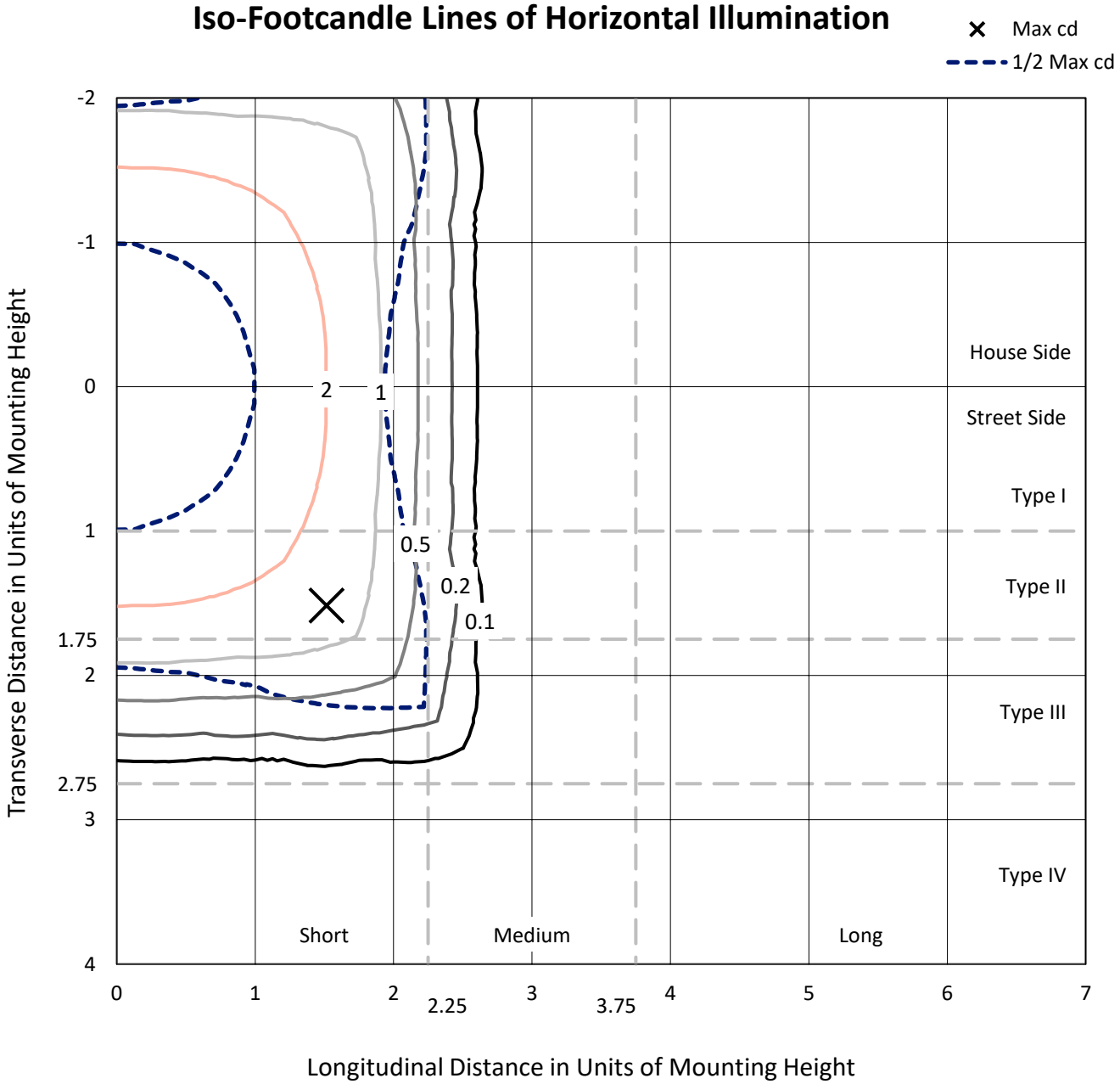


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Iso-Footcandle Lines of Horizontal Illumination



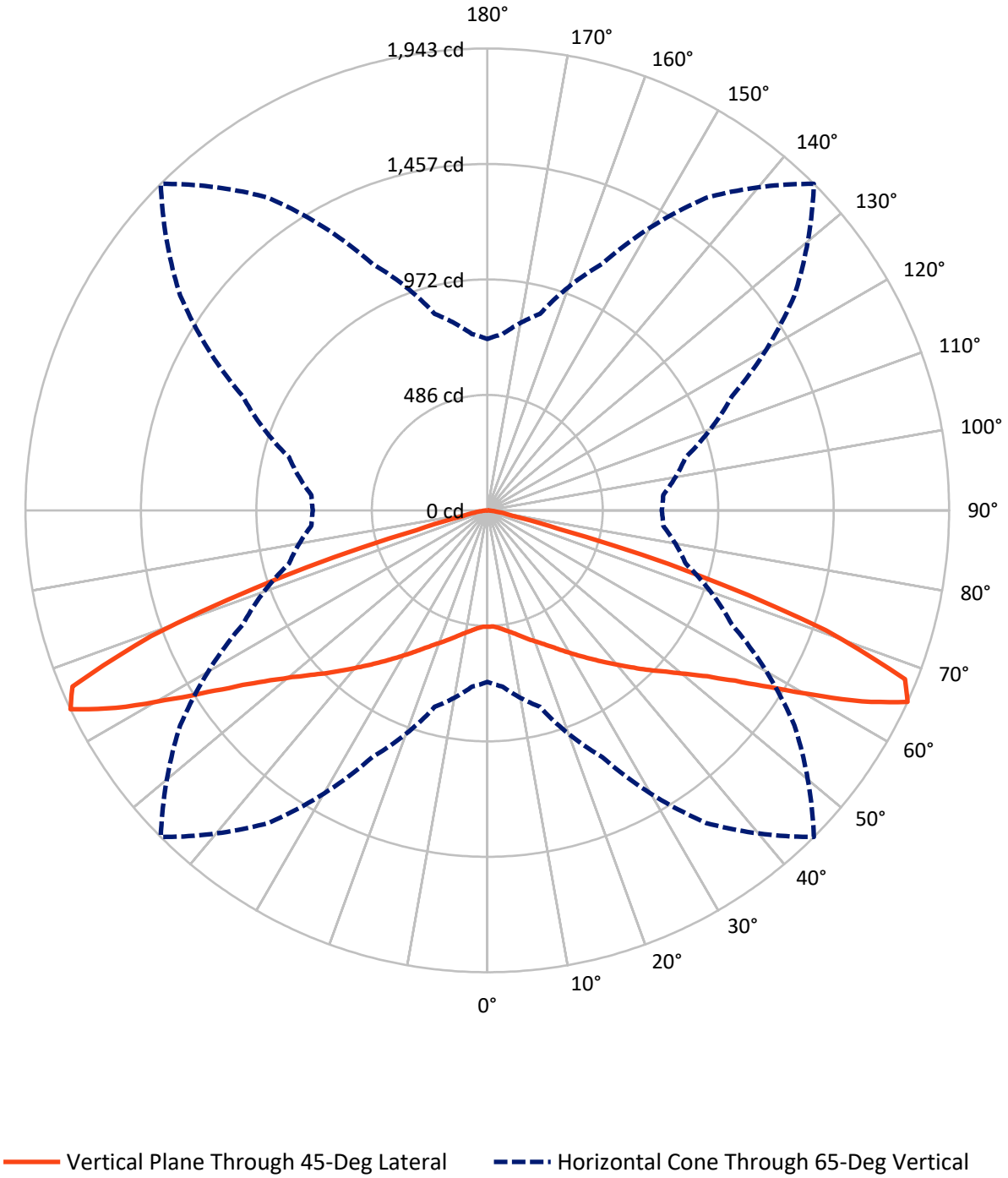
Based on 10 foot mounting height. Maximum calculated value = 5 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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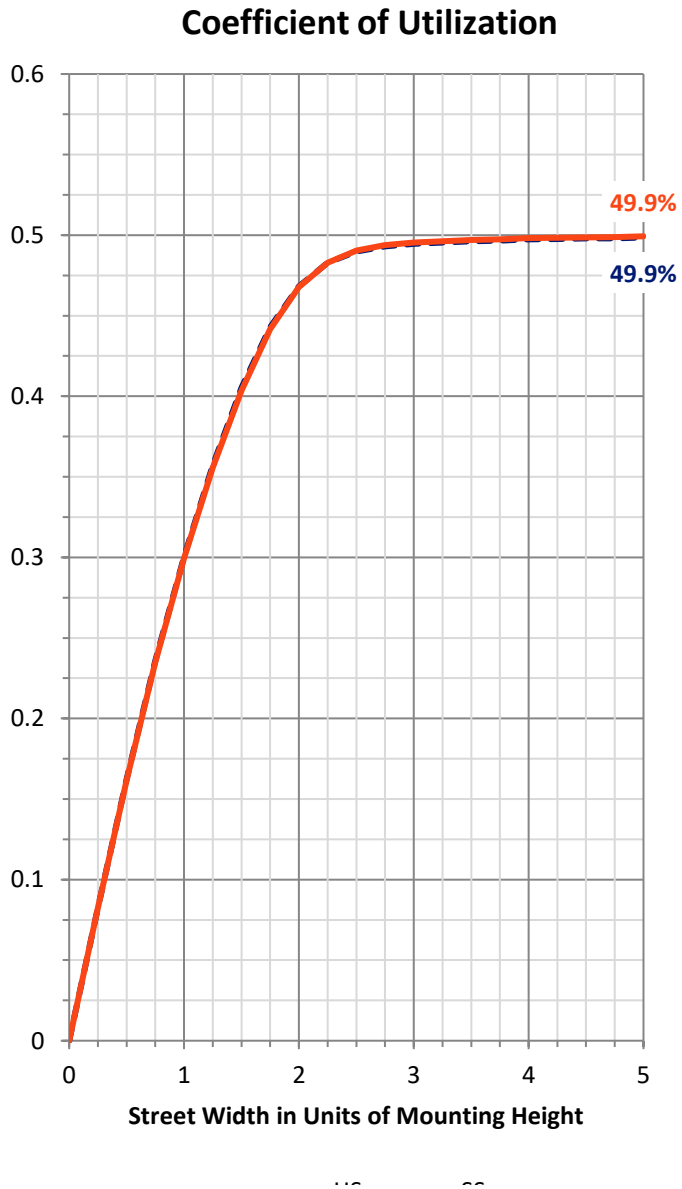
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2054.5	0.0	2054.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2054.5	0.0	2054.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	4109.0	0.0	4109.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.3	1.2
10°-20°	157.5	3.8
20°-30°	297.3	7.2
30°-40°	486.9	11.8
40°-50°	754.9	18.4
50°-60°	1115.2	27.1
60°-70°	1061.5	25.8
70°-80°	171.3	4.2
80°-90°	16.2	0.4
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°	4109.0	100.0
0°-180°	4109.0	100.0



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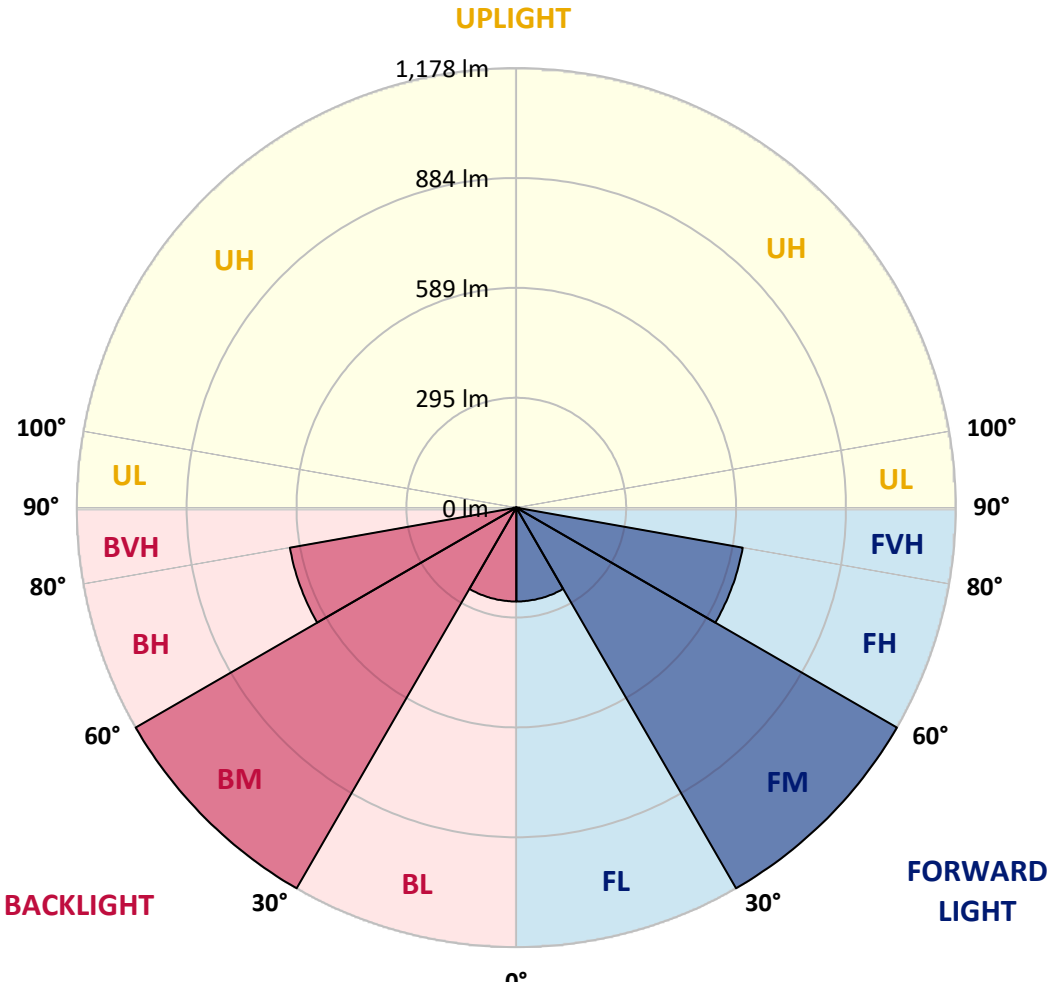
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	251.5	6.1			
FM	(30°-60°)	1178.5	28.7			
FH	(60°-80°)	616.4	15.0			G0/660
FVH	(80°-90°)	8.1	0.2			G0/10
BL	(0°-30°)	251.5	6.1	B1/500		
BM	(30°-60°)	1178.5	28.7	B2/2500		
BH	(60°-80°)	616.4	15.0	B2/1000		G0/660
BVH	(80°-90°)	8.1	0.2			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G0
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	489.0	489.0	489.0	489.0	489.0	*489.0*	489.0	489.0	489.0	489.0	489.0
2.5°	492.3	490.7	491.9	490.9	490.0	*489.2*	489.6	491.1	491.7	491.9	491.9
5°	498.9	497.5	498.1	498.1	496.6	*496.2*	496.4	497.5	498.7	498.7	498.7
7.5°	509.6	508.2	509.6	508.8	507.6	*507.2*	506.9	507.8	509.6	509.6	509.0
10°	522.6	521.0	521.8	521.4	519.9	*519.3*	519.1	520.3	522.0	521.8	521.4
12.5°	536.8	535.0	536.0	534.8	534.4	*533.7*	533.7	533.5	534.6	533.7	534.2
15°	552.7	551.5	551.9	551.1	551.7	*551.3*	549.6	548.8	549.2	548.0	548.2
17.5°	571.5	568.6	570.0	569.6	569.6	*570.4*	567.8	566.7	567.6	566.3	567.4
20°	593.1	590.2	590.9	590.0	589.0	*589.8*	586.5	587.4	588.0	587.1	589.0
22.5°	616.8	613.1	612.9	613.3	611.1	*611.3*	609.0	611.1	612.3	610.0	612.3
25°	641.2	637.2	639.9	638.9	636.0	*636.6*	635.0	637.0	638.1	635.2	638.5
27.5°	666.9	664.2	666.7	667.3	663.8	*666.3*	663.8	665.7	666.7	662.4	665.7
30°	697.0	694.3	696.6	698.3	694.1	*698.1*	696.0	697.2	697.4	692.3	695.4
32.5°	729.8	725.7	731.5	732.3	727.7	*732.5*	729.8	731.5	732.5	725.5	730.2
35°	769.8	764.6	771.2	770.2	766.3	*770.2*	767.7	770.2	772.7	764.2	769.4
37.5°	812.9	807.5	814.5	812.7	809.0	*811.7*	810.2	811.9	815.8	806.7	812.3
40°	860.3	853.7	863.2	859.9	856.4	*856.0*	856.8	857.8	863.0	852.9	856.2
42.5°	911.0	904.0	918.2	913.1	908.1	*904.8*	907.5	909.6	914.5	903.2	909.2
45°	969.0	960.9	979.5	973.3	965.4	*958.6*	963.0	966.1	973.3	959.7	966.7
47.5°	1032.9	1023.8	1043.6	1041.7	1028.9	*1014.1*	1024.0	1032.9	1038.2	1021.7	1027.3
50°	1095.3	1088.3	1114.3	1116.6	1100.9	*1080.1*	1093.9	1107.3	1108.7	1087.1	1089.8
52.5°	1153.9	1146.9	1184.6	1198.8	1184.8	*1160.1*	1174.7	1188.3	1177.4	1149.3	1150.2
55°	1200.7	1194.9	1242.9	1279.6	1284.4	*1264.0*	1272.6	1272.2	1236.3	1193.3	1194.7
57.5°	1212.0	1211.2	1271.8	1349.5	1399.0	*1401.5*	1384.4	1340.7	1263.3	1205.4	1201.7
60°	1160.5	1165.6	1248.9	1386.0	1518.0	*1572.8*	1498.8	1374.1	1232.6	1152.2	1142.7
62.5°	1006.3	1019.9	1120.3	1341.5	1614.0	*1769.9*	1590.5	1323.3	1106.5	1001.5	995.3
65°	*721.1*	*744.9*	*855.8*	*1144.8*	*1605.4*	*1943.1*	*1577.3*	*1135.5*	*864.0*	*743.0*	*734.1*
67.5°	327.2	351.3	445.5	783.8	1395.5	*1896.1*	1392.2	792.1	467.8	352.5	347.4
70°	118.5	122.7	153.0	313.8	891.8	*1510.7*	930.0	316.0	162.7	130.7	129.1
72.5°	71.7	72.4	78.8	112.4	309.9	*917.2*	323.1	116.1	80.4	71.3	72.6
75°	45.6	45.1	56.1	68.7	109.9	*309.4*	115.2	68.7	55.9	50.9	51.3
77.5°	32.8	33.8	40.2	51.3	69.3	*104.9*	68.0	49.1	40.2	33.0	33.6
80°	24.5	25.2	29.3	40.0	48.7	*65.4*	43.3	36.3	30.3	20.6	21.2
82.5°	17.7	17.7	19.2	29.1	29.7	*35.3*	23.5	25.6	20.0	14.6	14.6
85°	10.5	10.3	12.0	17.3	15.5	*13.0*	10.7	15.7	12.6	9.1	8.9
87.5°	3.7	3.9	3.7	4.9	4.1	*3.5*	3.3	4.3	3.5	3.1	2.9
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)