Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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: P1201586

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

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201586
	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-SB1B-827-U-5MQ
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE V MEDIUM OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5156 lumens
Efficiency:	N/A
Efficacy:	129.5 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

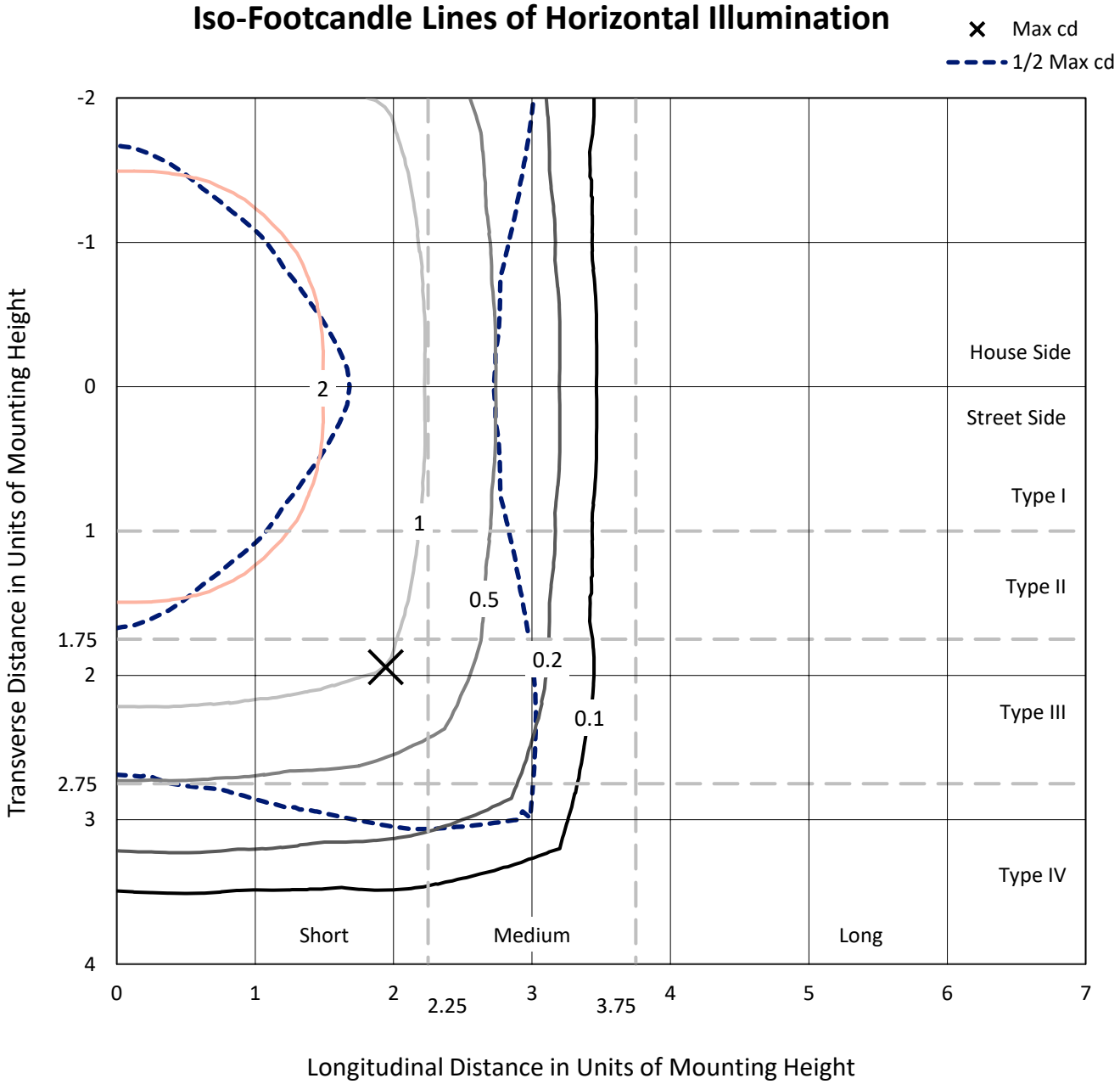


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Iso-Footcandle Lines of Horizontal Illumination



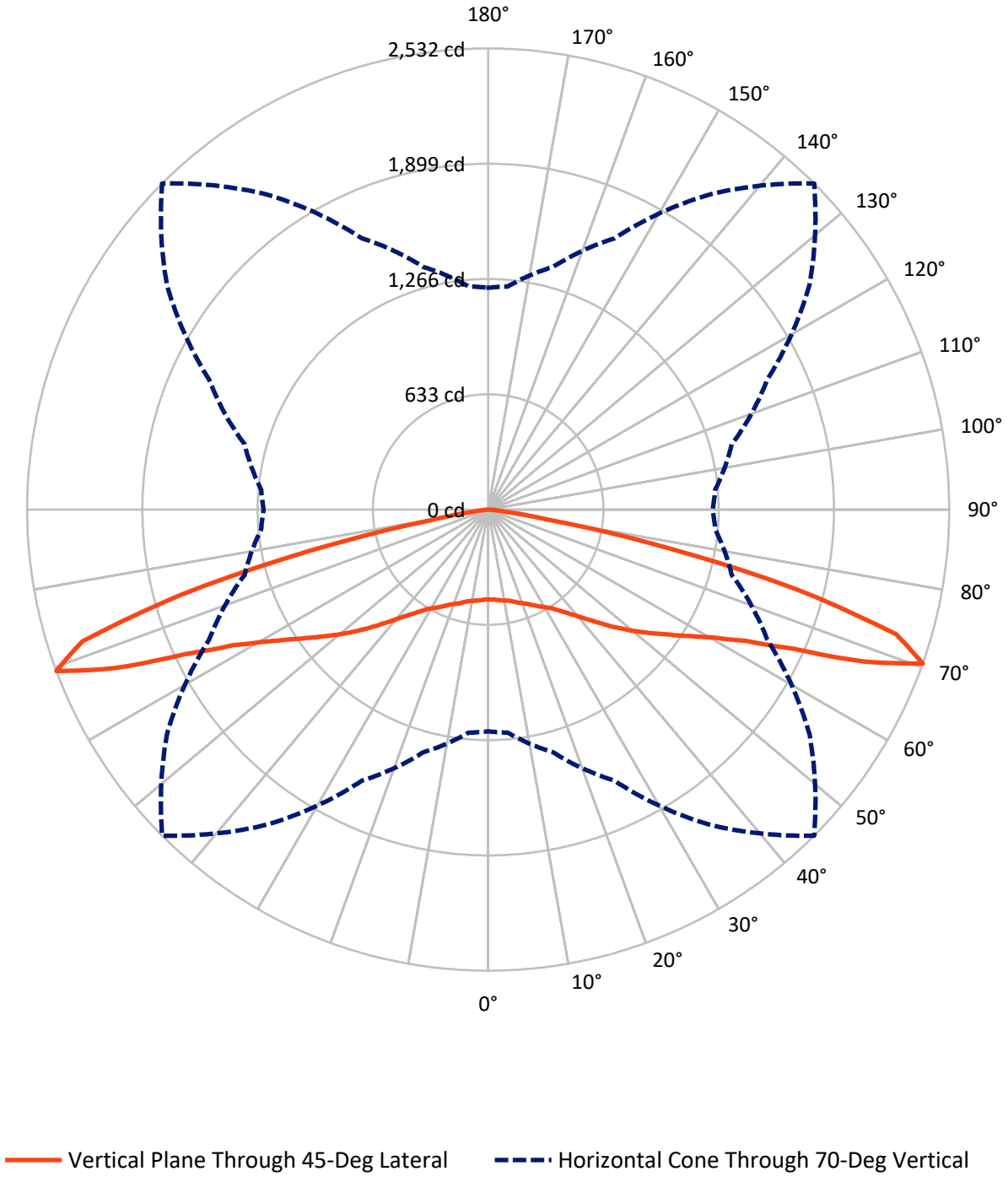
Based on 10 foot mounting height. Maximum calculated value = 4.9 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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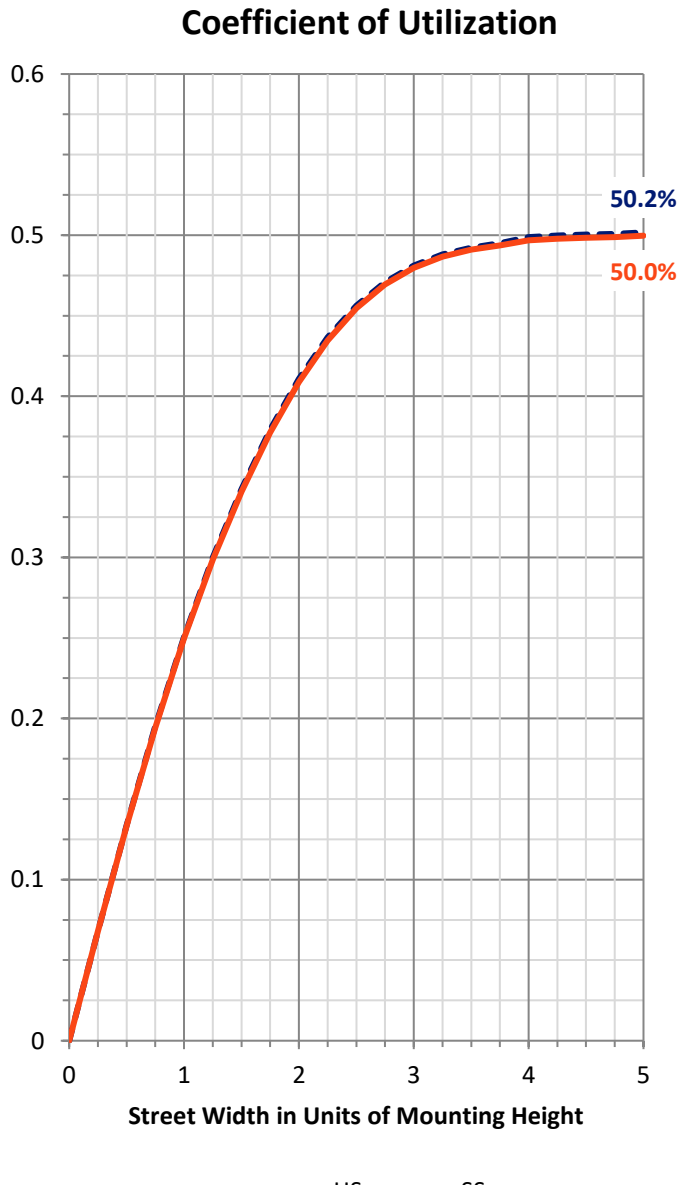
REPORT NUMBER: P1201586
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2578.0	0.0	2578.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2578.0	0.0	2578.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	5156.0	0.0	5156.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.0	0.9
10°-20°	148.8	2.9
20°-30°	265.9	5.2
30°-40°	431.0	8.4
40°-50°	702.0	13.6
50°-60°	1070.4	20.8
60°-70°	1592.4	30.9
70°-80°	867.9	16.8
80°-90°	29.6	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°	5156.0	100.0
0°-180°	5156.0	100.0



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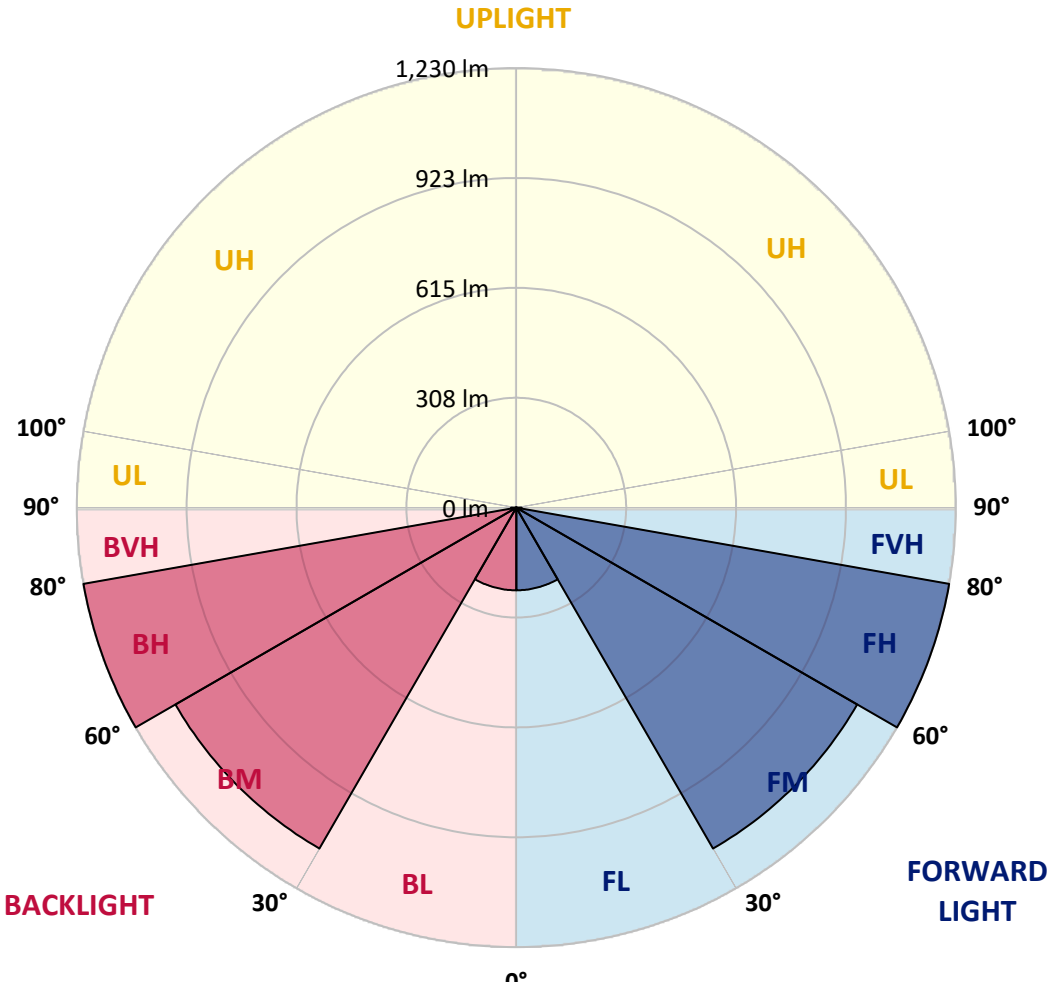
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	231.3	4.5			
FM	(30°-60°)	1101.7	21.4			
FH	(60°-80°)	1230.2	23.9			G1/1800
FVH	(80°-90°)	14.8	0.3			G1/100
BL	(0°-30°)	231.3	4.5	B1/500		
BM	(30°-60°)	1101.7	21.4	B2/2500		
BH	(60°-80°)	1230.2	23.9	B3/2500		G1/1800
BVH	(80°-90°)	14.8	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°	493.9	493.9	493.9	493.9	493.9	*493.9*	493.9	493.9	493.9	493.9	493.9
2.5°	496.2	496.7	495.7	495.2	494.7	*493.9*	494.2	495.4	496.5	496.2	496.5
5°	500.4	500.9	500.1	499.8	498.8	*498.6*	498.6	499.8	500.6	500.1	500.4
7.5°	505.0	505.8	504.5	504.2	503.7	*503.2*	503.0	504.2	505.0	505.0	505.0
10°	509.4	510.2	509.2	508.4	507.9	*507.9*	507.4	508.4	509.7	509.4	509.4
12.5°	514.1	514.6	513.6	513.0	513.0	*513.8*	513.0	513.6	514.6	514.1	513.8
15°	519.8	520.0	519.8	520.6	521.8	*524.4*	522.1	521.6	522.1	520.8	520.8
17.5°	527.5	528.1	529.1	530.9	532.7	*537.4*	533.2	531.9	531.9	529.4	529.4
20°	537.1	537.9	539.4	542.6	544.9	*549.3*	545.1	543.3	542.6	539.2	539.2
22.5°	547.2	548.5	550.8	555.0	559.1	*563.3*	559.1	556.0	553.7	549.3	549.0
25°	558.9	560.4	564.0	570.8	576.5	*582.4*	577.5	571.3	566.6	560.4	560.2
27.5°	575.4	577.2	581.6	589.9	597.2	*602.4*	597.7	589.7	583.2	575.7	575.4
30°	598.7	600.5	605.7	614.5	619.4	*622.8*	619.7	613.5	605.7	597.2	597.2
32.5°	628.8	631.1	636.8	645.1	646.1	*646.6*	645.6	642.5	636.8	626.4	626.7
35°	666.8	669.4	675.9	682.6	681.6	*682.6*	681.0	680.0	675.9	664.0	664.0
37.5°	713.4	716.5	723.2	728.4	725.8	*724.5*	724.8	725.0	722.7	709.5	709.5
40°	767.5	771.6	776.6	782.0	777.6	*773.7*	776.3	778.4	776.3	762.8	762.8
42.5°	823.2	829.1	834.3	842.0	838.4	*833.5*	837.1	839.5	835.1	820.6	821.6
45°	885.0	890.7	897.4	909.1	906.5	*901.3*	906.5	907.0	899.5	882.4	884.2
47.5°	949.0	954.9	965.0	980.5	979.5	*973.8*	980.5	976.9	967.3	946.9	945.6
50°	1009.5	1017.8	1033.3	1055.1	1057.2	*1050.2*	1059.2	1052.2	1036.2	1010.6	1010.0
52.5°	1066.5	1075.3	1099.9	1129.4	1136.9	*1127.8*	1140.0	1127.8	1103.7	1070.9	1067.8
55°	1126.3	1136.1	1165.4	1203.9	1218.9	*1212.2*	1223.6	1205.2	1171.1	1131.2	1125.8
57.5°	1196.7	1202.6	1237.6	1283.4	1308.8	*1310.3*	1315.5	1284.4	1243.0	1197.7	1191.5
60°	1273.0	1281.3	1319.4	1374.3	1414.4	*1427.3*	1421.9	1375.8	1327.7	1275.6	1267.3
62.5°	1370.9	1379.9	1425.5	1491.3	1554.7	*1586.8*	1565.5	1498.8	1439.2	1376.8	1366.0
65°	1451.9	1462.0	1544.3	1661.6	1777.0	*1841.5*	1788.2	1665.2	1558.0	1470.0	1455.5
67.5°	1393.1	1405.6	1534.7	1750.1	2037.2	*2229.5*	2047.0	1776.5	1566.6	1447.2	1429.4
70°	*1217.6*	*1229.3*	*1379.9*	*1643.2*	*2110.4*	*2531.8*	*2154.4*	*1691.6*	*1384.9*	*1251.3*	*1233.4*
72.5°	808.4	845.9	998.4	1314.2	1884.4	*2342.9*	1903.1	1287.5	926.2	806.6	780.4
75°	268.2	298.2	402.3	681.3	1262.2	*1752.2*	1201.6	602.9	318.6	229.3	216.9
77.5°	67.6	77.9	107.4	194.9	503.5	*997.6*	453.3	159.2	86.7	60.6	54.1
80°	32.9	36.2	51.8	65.0	126.1	*317.1*	118.3	61.1	40.9	31.6	29.0
82.5°	18.1	18.4	29.3	36.8	46.9	*82.1*	48.7	35.7	23.6	19.2	19.2
85°	11.1	10.9	15.5	19.7	19.7	*29.3*	23.3	19.7	13.5	11.9	12.4
87.5°	4.4	4.4	5.7	6.2	5.4	*7.5*	6.0	6.5	5.2	4.9	5.2
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)