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: P1201498

Luminaire Tested: GWC-SB1B-735-U-5MQ

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201498
	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-735-U-5MQ
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE V MEDIUM OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5928 lumens
Efficiency:	N/A
Efficacy:	148.9 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

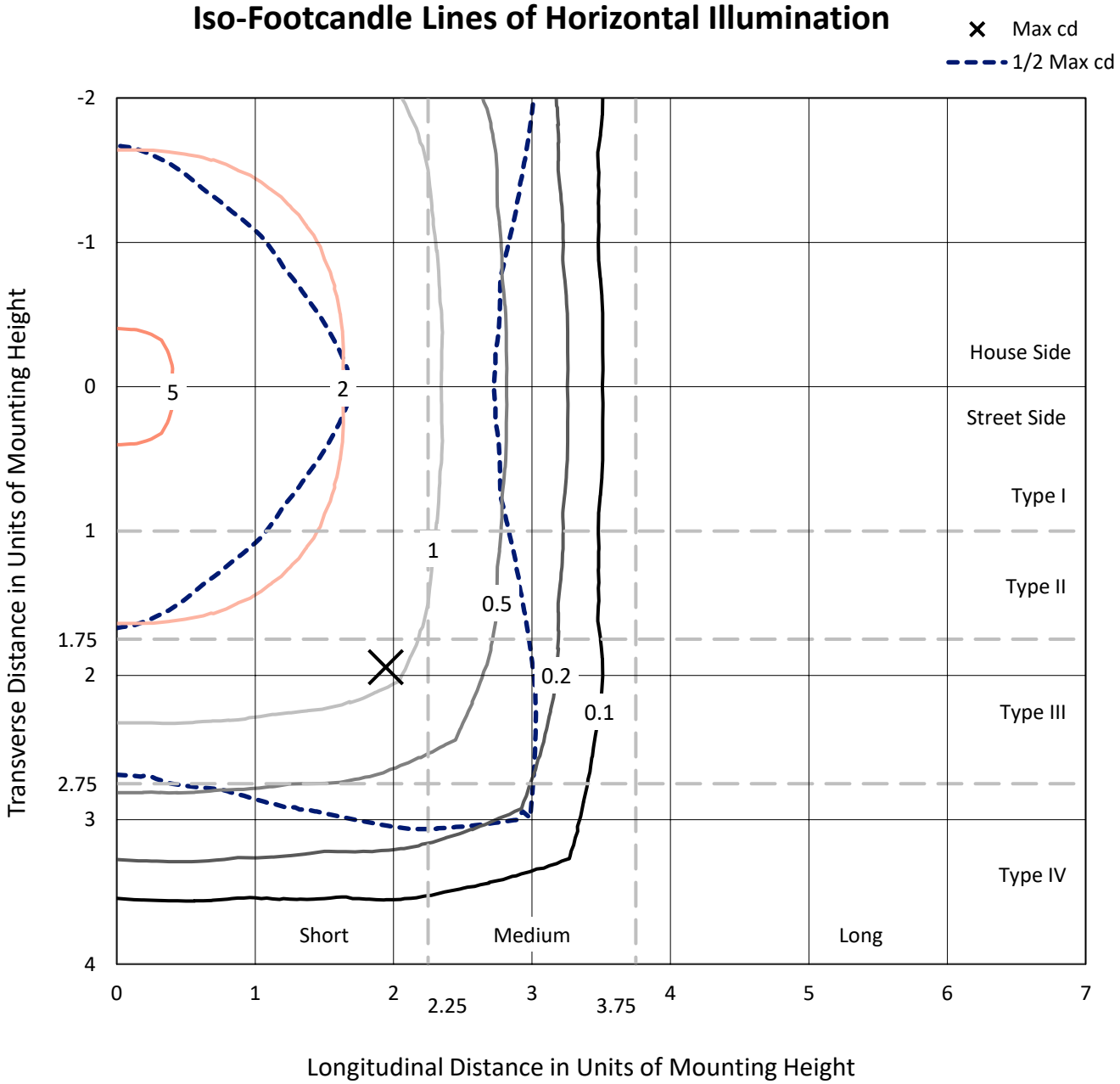


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Iso-Footcandle Lines of Horizontal Illumination



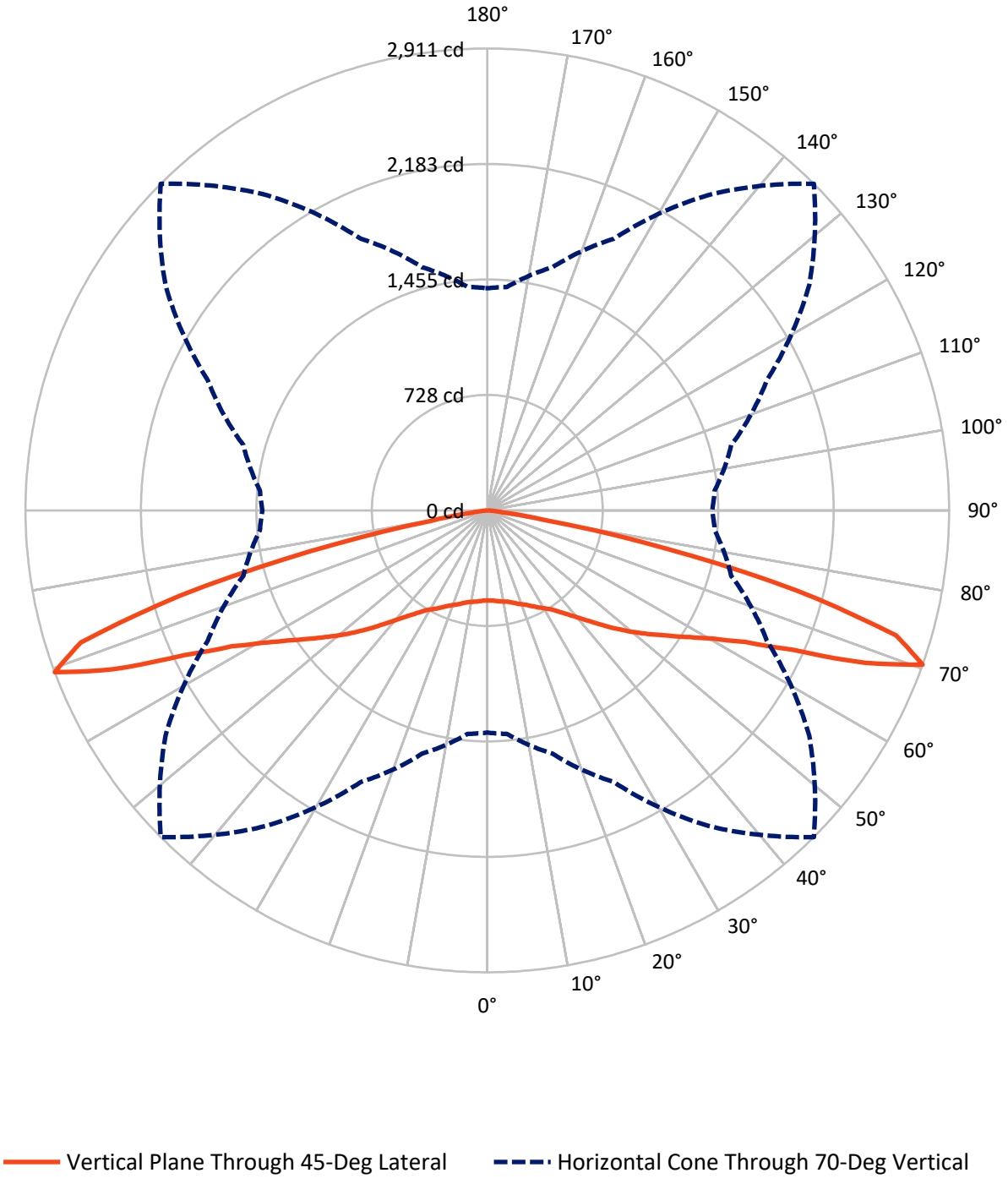
Based on 10 foot mounting height. Maximum calculated value = 5.7 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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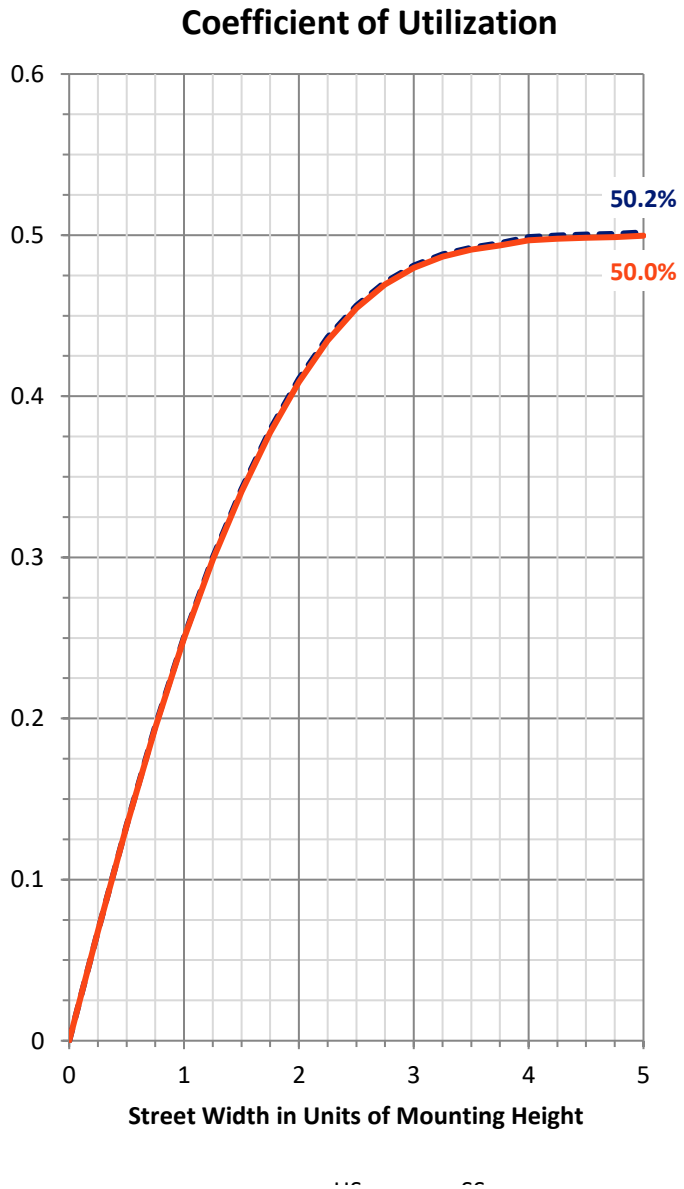
REPORT NUMBER: P1201498
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2964.0	0.0	2964.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2964.0	0.0	2964.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	5928.0	0.0	5928.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.2	0.9
10°-20°	171.1	2.9
20°-30°	305.7	5.2
30°-40°	495.5	8.4
40°-50°	807.2	13.6
50°-60°	1230.7	20.8
60°-70°	1830.8	30.9
70°-80°	997.9	16.8
80°-90°	34.0	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°	5928.0	100.0
0°-180°	5928.0	100.0



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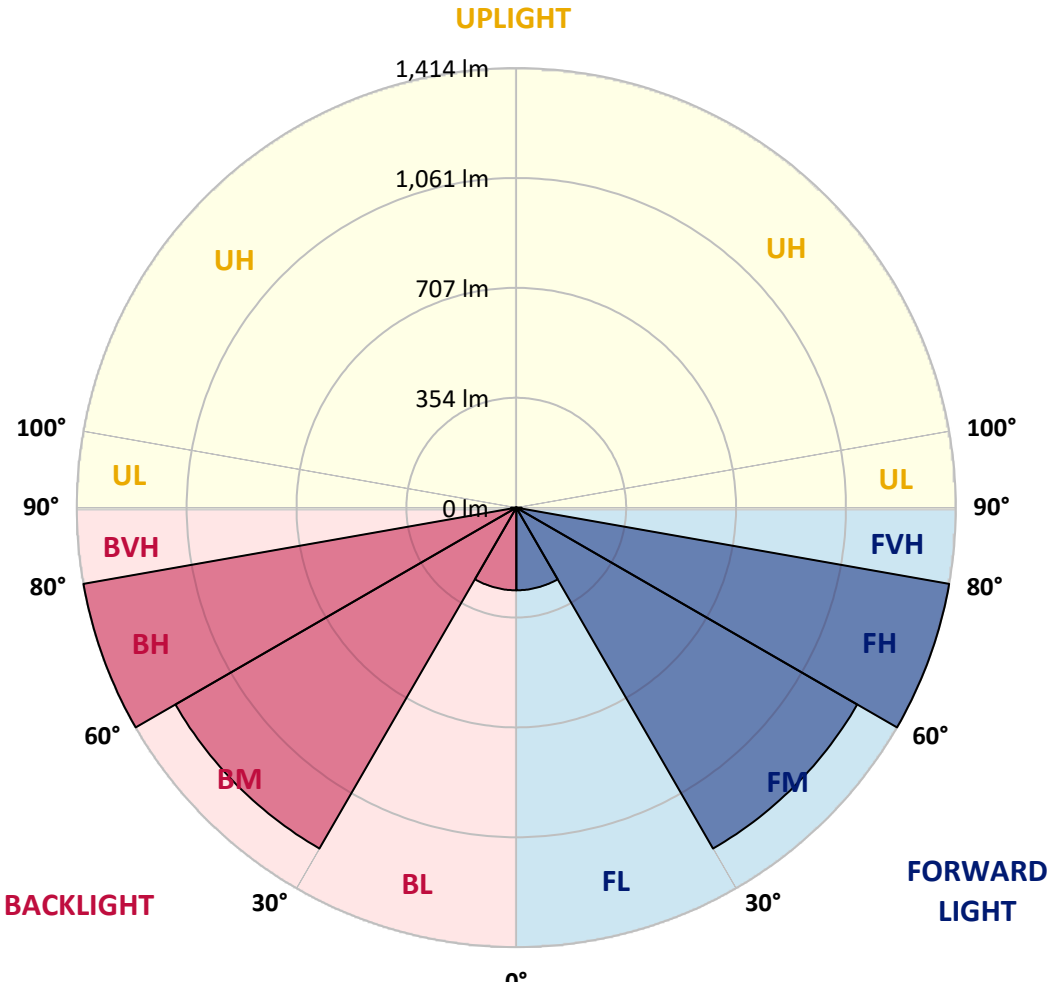
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	266.0	4.5			
FM	(30°-60°)	1266.7	21.4			
FH	(60°-80°)	1414.3	23.9			G1/1800
FVH	(80°-90°)	17.0	0.3			G1/100
BL	(0°-30°)	266.0	4.5	B1/500		
BM	(30°-60°)	1266.7	21.4	B2/2500		
BH	(60°-80°)	1414.3	23.9	B3/2500		G1/1800
BVH	(80°-90°)	17.0	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°	567.8	567.8	567.8	567.8	567.8	*567.8*	567.8	567.8	567.8	567.8	567.8
2.5°	570.5	571.1	569.9	569.3	568.7	*567.8*	568.1	569.6	570.8	570.5	570.8
5°	575.3	575.9	575.0	574.7	573.5	*573.2*	573.2	574.7	575.6	575.0	575.3
7.5°	580.6	581.5	580.0	579.7	579.2	*578.6*	578.3	579.7	580.6	580.6	580.6
10°	585.7	586.6	585.4	584.5	583.9	*583.9*	583.3	584.5	586.0	585.7	585.7
12.5°	591.1	591.6	590.5	589.9	589.9	*590.8*	589.9	590.5	591.6	591.1	590.8
15°	597.6	597.9	597.6	598.5	600.0	*603.0*	600.3	599.7	600.3	598.8	598.8
17.5°	606.5	607.1	608.3	610.4	612.5	*617.8*	613.1	611.6	611.6	608.6	608.6
20°	617.5	618.4	620.2	623.8	626.5	*631.5*	626.8	624.7	623.8	619.9	619.9
22.5°	629.1	630.6	633.3	638.1	642.8	*647.6*	642.8	639.3	636.6	631.5	631.2
25°	642.5	644.3	648.5	656.2	662.8	*669.6*	664.0	656.8	651.5	644.3	644.0
27.5°	661.6	663.7	668.7	678.3	686.6	*692.5*	687.2	678.0	670.5	661.9	661.6
30°	688.4	690.5	696.4	706.5	712.2	*716.1*	712.5	705.3	696.4	686.6	686.6
32.5°	722.9	725.6	732.1	741.6	742.8	*743.4*	742.2	738.7	732.1	720.2	720.5
35°	766.6	769.6	777.1	784.8	783.6	*784.8*	783.0	781.8	777.1	763.4	763.4
37.5°	820.2	823.8	831.5	837.5	834.5	*833.0*	833.3	833.6	830.9	815.8	815.8
40°	882.4	887.2	892.8	899.1	894.0	*889.6*	892.5	894.9	892.5	877.1	877.1
42.5°	946.4	953.2	959.2	968.1	964.0	*958.3*	962.5	965.2	960.1	943.4	944.6
45°	1017.5	1024.1	1031.8	1045.2	1042.2	*1036.3*	1042.2	1042.8	1034.2	1014.6	1016.6
47.5°	1091.0	1097.9	1109.5	1127.3	1126.2	*1119.6*	1127.3	1123.2	1112.2	1088.7	1087.2
50°	1160.7	1170.2	1188.1	1213.1	1215.4	*1207.4*	1217.8	1209.8	1191.3	1161.9	1161.3
52.5°	1226.2	1236.3	1264.5	1298.5	1307.1	*1296.7*	1310.7	1296.7	1269.0	1231.2	1227.6
55°	1294.9	1306.2	1339.8	1384.2	1401.4	*1393.7*	1406.8	1385.7	1346.4	1300.6	1294.3
57.5°	1375.9	1382.7	1422.9	1475.6	1504.7	*1506.5*	1512.5	1476.7	1429.1	1377.0	1369.9
60°	1463.6	1473.2	1516.9	1580.0	1626.1	*1641.0*	1634.8	1581.8	1526.4	1466.6	1457.1
62.5°	1576.1	1586.6	1638.9	1714.5	1787.4	*1824.4*	1799.9	1723.2	1654.7	1583.0	1570.5
65°	1669.3	1680.9	1775.5	1910.4	2043.1	*2117.2*	2055.9	1914.5	1791.3	1690.1	1673.5
67.5°	1601.7	1616.0	1764.5	2012.1	2342.2	*2563.3*	2353.5	2042.5	1801.1	1663.9	1643.4
70°	*1400.0*	*1413.4*	*1586.6*	*1889.2*	*2426.4*	*2910.9*	*2477.0*	*1944.9*	*1592.2*	*1438.6*	*1418.1*
72.5°	929.4	972.6	1147.9	1511.0	2166.6	*2693.7*	2188.0	1480.3	1064.9	927.4	897.3
75°	308.3	342.8	462.5	783.3	1451.1	*2014.5*	1381.5	693.1	366.4	263.7	249.4
77.5°	77.7	89.6	123.5	224.1	578.9	*1147.0*	521.1	183.0	99.7	69.6	62.2
80°	37.8	41.7	59.5	74.7	144.9	*364.6*	136.0	70.2	47.0	36.3	33.3
82.5°	20.8	21.1	33.6	42.3	53.9	*94.3*	56.0	41.1	27.1	22.0	22.0
85°	12.8	12.5	17.9	22.6	22.6	*33.6*	26.8	22.6	15.5	13.7	14.3
87.5°	5.1	5.1	6.5	7.1	6.2	*8.6*	6.8	7.4	6.0	5.7	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


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SS

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(END OF REPORT)