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: P1201124

Luminaire Tested: GWC-SB1A-735-U-5MQ

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201124
	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-SB1A-735-U-5MQ
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE V MEDIUM OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4722 lumens
Efficiency:	N/A
Efficacy:	152.8 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

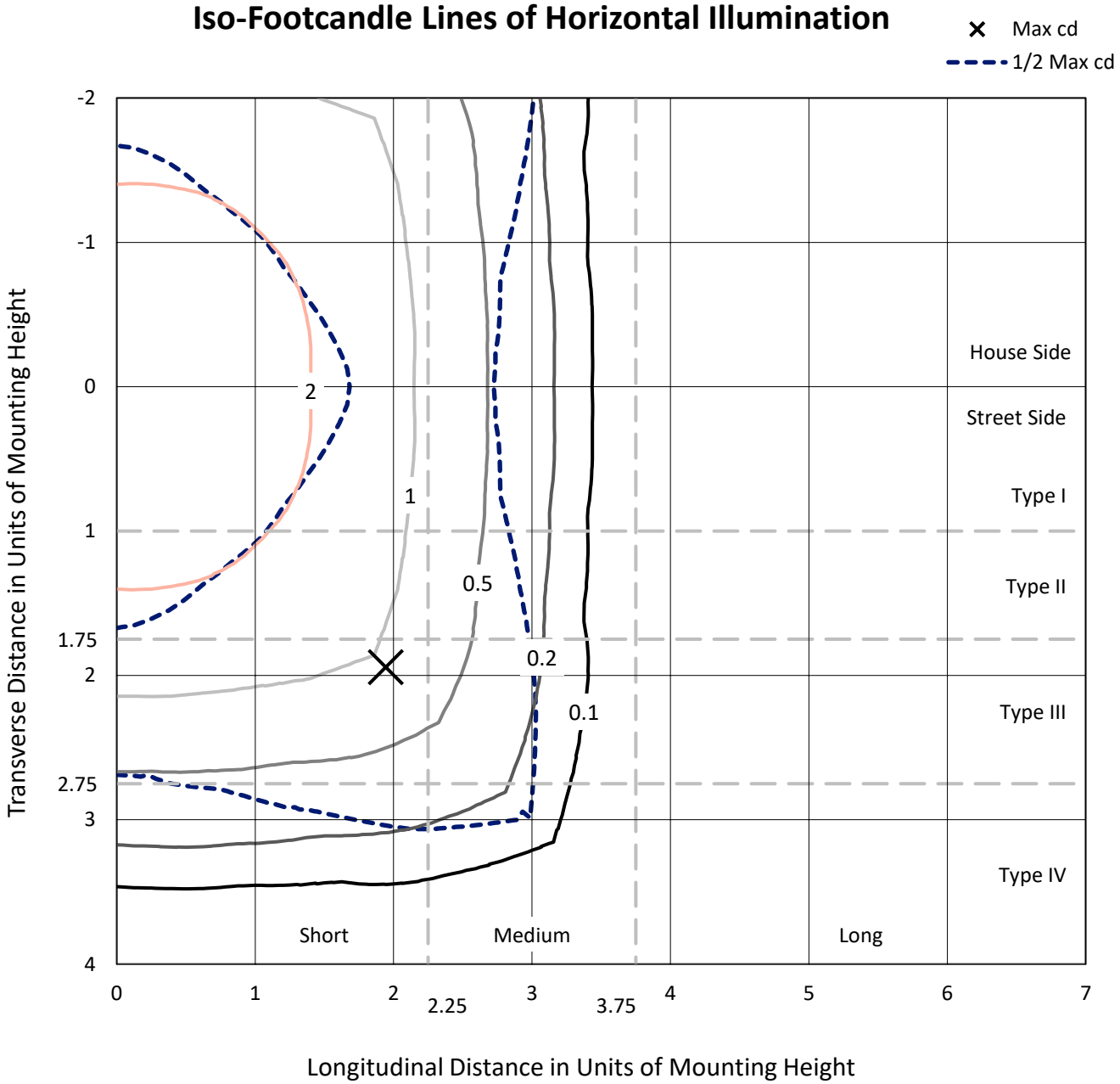


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Iso-Footcandle Lines of Horizontal Illumination



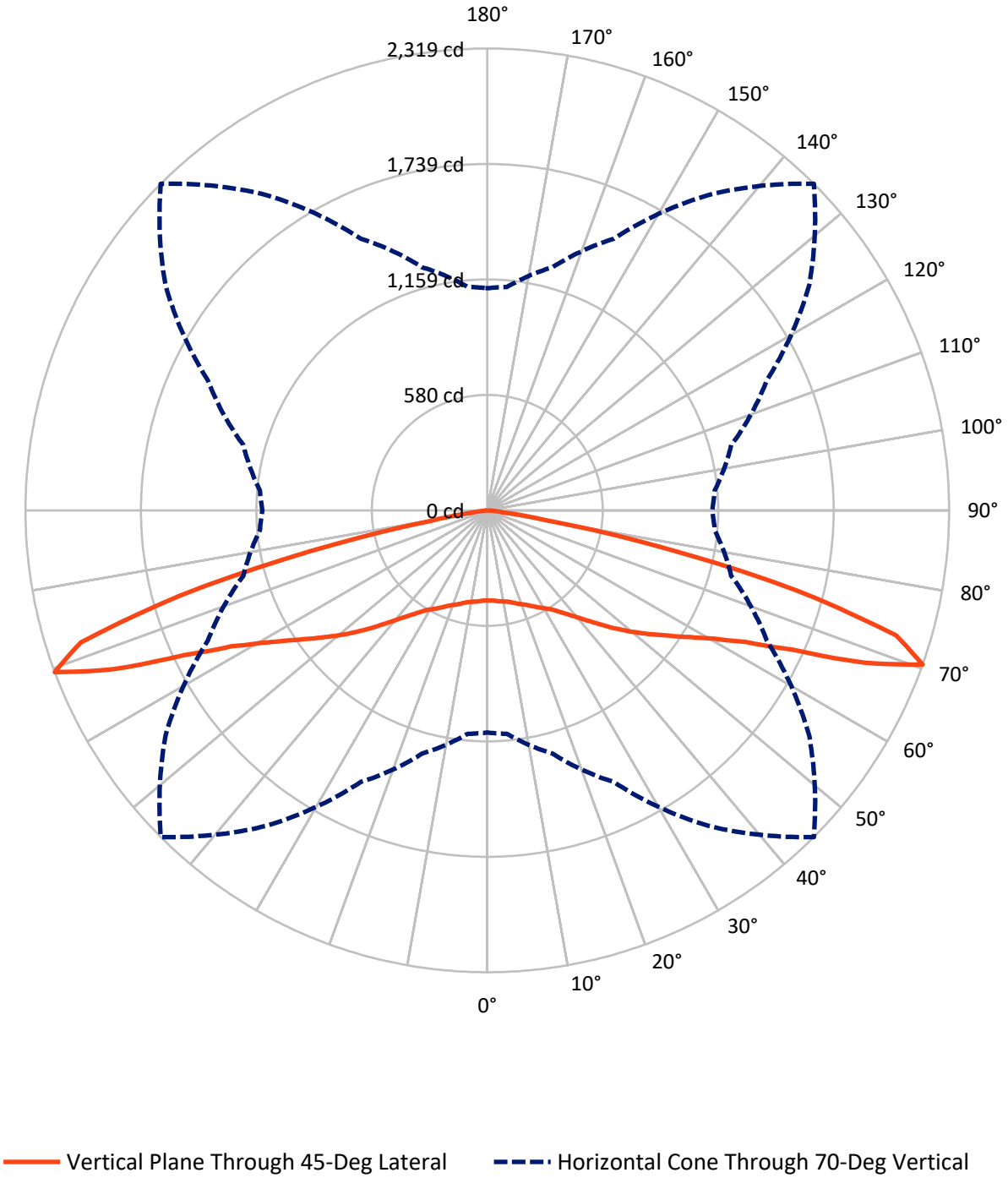
Based on 10 foot mounting height. Maximum calculated value = 4.5 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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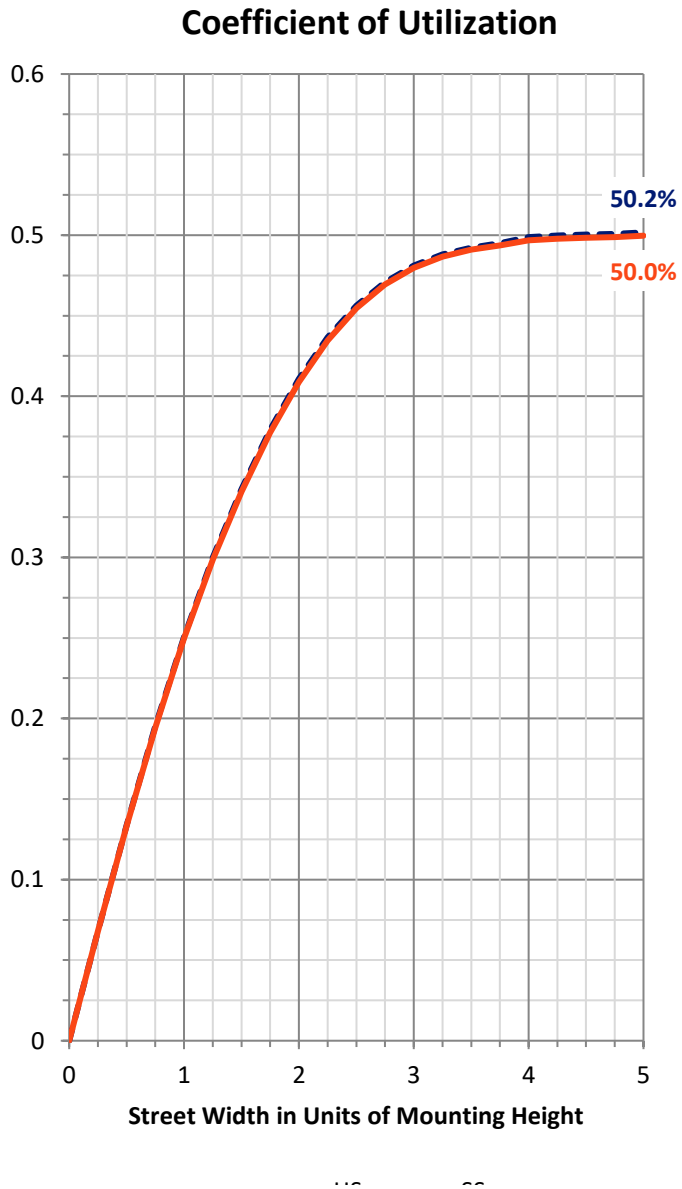
REPORT NUMBER: P1201124
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2361.0	0.0	2361.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2361.0	0.0	2361.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	4722.0	0.0	4722.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.9	0.9
10°-20°	136.3	2.9
20°-30°	243.5	5.2
30°-40°	394.7	8.4
40°-50°	643.0	13.6
50°-60°	980.3	20.8
60°-70°	1458.4	30.9
70°-80°	794.9	16.8
80°-90°	27.1	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°	4722.0	100.0
0°-180°	4722.0	100.0



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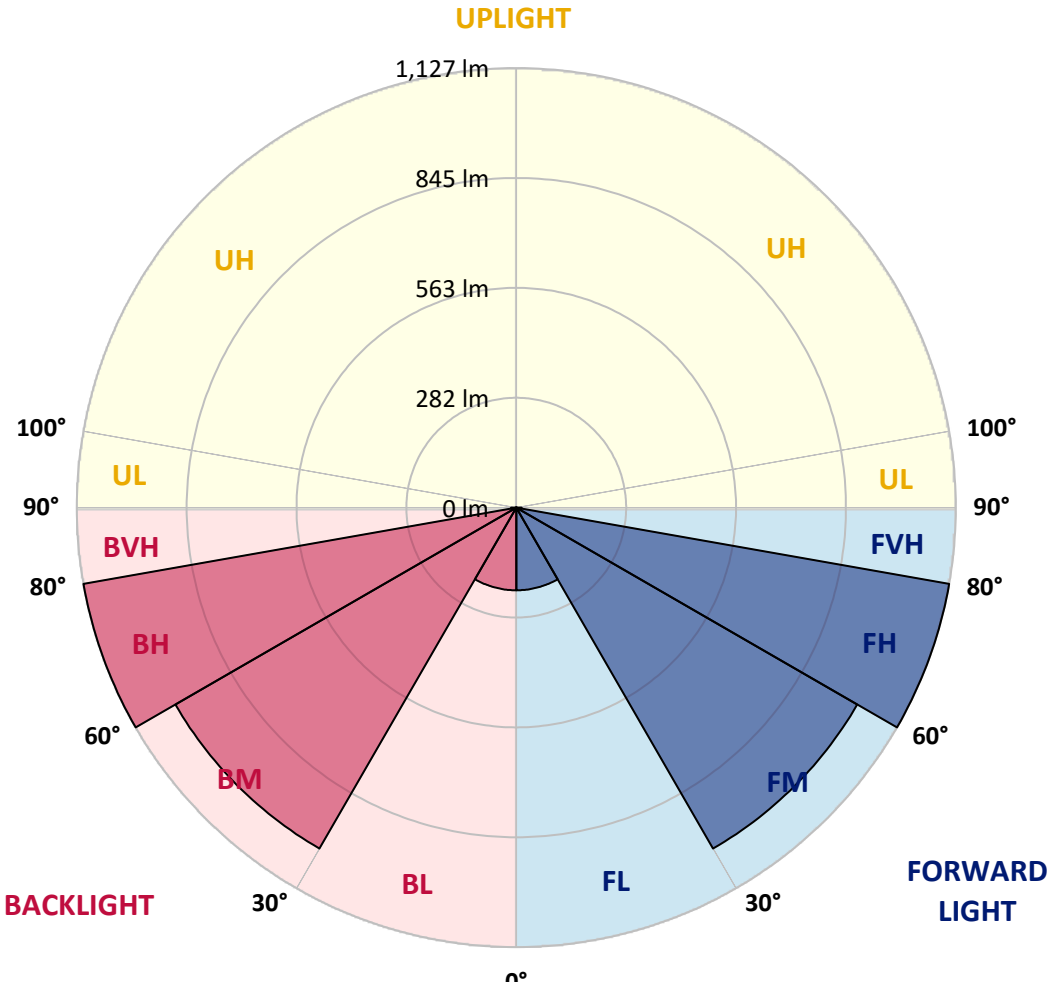
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	211.9	4.5			
FM	(30°-60°)	1009.0	21.4			
FH	(60°-80°)	1126.6	23.9			G1/1800
FVH	(80°-90°)	13.5	0.3			G1/100
BL	(0°-30°)	211.9	4.5	B1/500		
BM	(30°-60°)	1009.0	21.4	B2/2500		
BH	(60°-80°)	1126.6	23.9	B3/2500		G1/1800
BVH	(80°-90°)	13.5	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°	452.3	452.3	452.3	452.3	452.3	*452.3*	452.3	452.3	452.3	452.3	452.3
2.5°	454.5	454.9	454.0	453.5	453.0	*452.3*	452.6	453.7	454.7	454.5	454.7
5°	458.2	458.7	458.0	457.8	456.8	*456.6*	456.6	457.8	458.5	458.0	458.2
7.5°	462.5	463.2	462.0	461.8	461.3	*460.9*	460.6	461.8	462.5	462.5	462.5
10°	466.5	467.3	466.3	465.6	465.1	*465.1*	464.6	465.6	466.8	466.5	466.5
12.5°	470.8	471.3	470.3	469.9	469.9	*470.6*	469.9	470.3	471.3	470.8	470.6
15°	476.0	476.3	476.0	476.7	477.9	*480.3*	478.2	477.7	478.2	477.0	477.0
17.5°	483.1	483.6	484.6	486.2	487.9	*492.1*	488.4	487.2	487.2	484.8	484.8
20°	491.9	492.6	494.0	496.9	499.0	*503.1*	499.3	497.6	496.9	493.8	493.8
22.5°	501.2	502.3	504.5	508.3	512.1	*515.9*	512.1	509.2	507.1	503.1	502.8
25°	511.8	513.2	516.6	522.7	527.9	*533.4*	528.9	523.2	518.9	513.2	513.0
27.5°	527.0	528.7	532.7	540.3	546.9	*551.6*	547.4	540.0	534.1	527.2	527.0
30°	548.3	550.0	554.7	562.8	567.3	*570.4*	567.5	561.8	554.7	546.9	546.9
32.5°	575.8	578.0	583.2	590.8	591.7	*592.2*	591.2	588.4	583.2	573.7	573.9
35°	610.7	613.0	619.0	625.1	624.2	*625.1*	623.7	622.8	619.0	608.1	608.1
37.5°	653.3	656.2	662.4	667.1	664.7	*663.5*	663.8	664.0	661.9	649.8	649.8
40°	702.9	706.7	711.2	716.2	712.1	*708.6*	711.0	712.9	711.0	698.6	698.6
42.5°	753.9	759.3	764.1	771.2	767.9	*763.3*	766.7	768.8	764.8	751.5	752.4
45°	810.5	815.7	821.9	832.6	830.2	*825.5*	830.2	830.7	823.8	808.2	809.8
47.5°	869.1	874.5	883.8	898.0	897.1	*891.8*	898.0	894.7	885.9	867.2	866.0
50°	924.6	932.1	946.4	966.3	968.2	*961.8*	970.1	963.7	949.0	925.5	925.0
52.5°	976.7	984.8	1007.3	1034.3	1041.2	*1032.9*	1044.0	1032.9	1010.8	980.7	977.9
55°	1031.5	1040.5	1067.3	1102.6	1116.3	*1110.2*	1120.6	1103.8	1072.5	1036.0	1031.0
57.5°	1095.9	1101.4	1133.4	1175.4	1198.6	*1200.0*	1204.8	1176.3	1138.4	1096.9	1091.2
60°	1165.9	1173.5	1208.3	1258.6	1295.3	*1307.2*	1302.2	1260.0	1215.9	1168.3	1160.7
62.5°	1255.5	1263.8	1305.5	1365.7	1423.8	*1453.2*	1433.8	1372.6	1318.1	1260.9	1251.0
65°	1329.7	1338.9	1414.3	1521.7	1627.4	*1686.5*	1637.6	1525.0	1426.9	1346.3	1333.0
67.5°	1275.9	1287.3	1405.6	1602.8	1865.7	*2041.8*	1874.7	1627.0	1434.7	1325.4	1309.1
70°	*1115.2*	*1125.8*	*1263.8*	*1504.9*	*1932.8*	*2318.7*	*1973.1*	*1549.2*	*1268.3*	*1146.0*	*1129.6*
72.5°	740.4	774.7	914.4	1203.6	1725.8	*2145.7*	1742.9	1179.2	848.2	738.7	714.7
75°	245.6	273.1	368.4	624.0	1155.9	*1604.7*	1100.5	552.1	291.8	210.0	198.7
77.5°	61.9	71.4	98.4	178.5	461.1	*913.6*	415.1	145.8	79.4	55.5	49.5
80°	30.1	33.2	47.4	59.5	115.5	*290.4*	108.3	55.9	37.5	28.9	26.6
82.5°	16.6	16.8	26.8	33.7	42.9	*75.1*	44.6	32.7	21.6	17.5	17.5
85°	10.2	10.0	14.2	18.0	18.0	*26.8*	21.3	18.0	12.3	10.9	11.4
87.5°	4.0	4.0	5.2	5.7	5.0	*6.9*	5.5	5.9	4.7	4.5	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)