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: P1201126

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

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201126
	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-735-U-5WQ
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4562 lumens
Efficiency:	N/A
Efficacy:	147.6 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

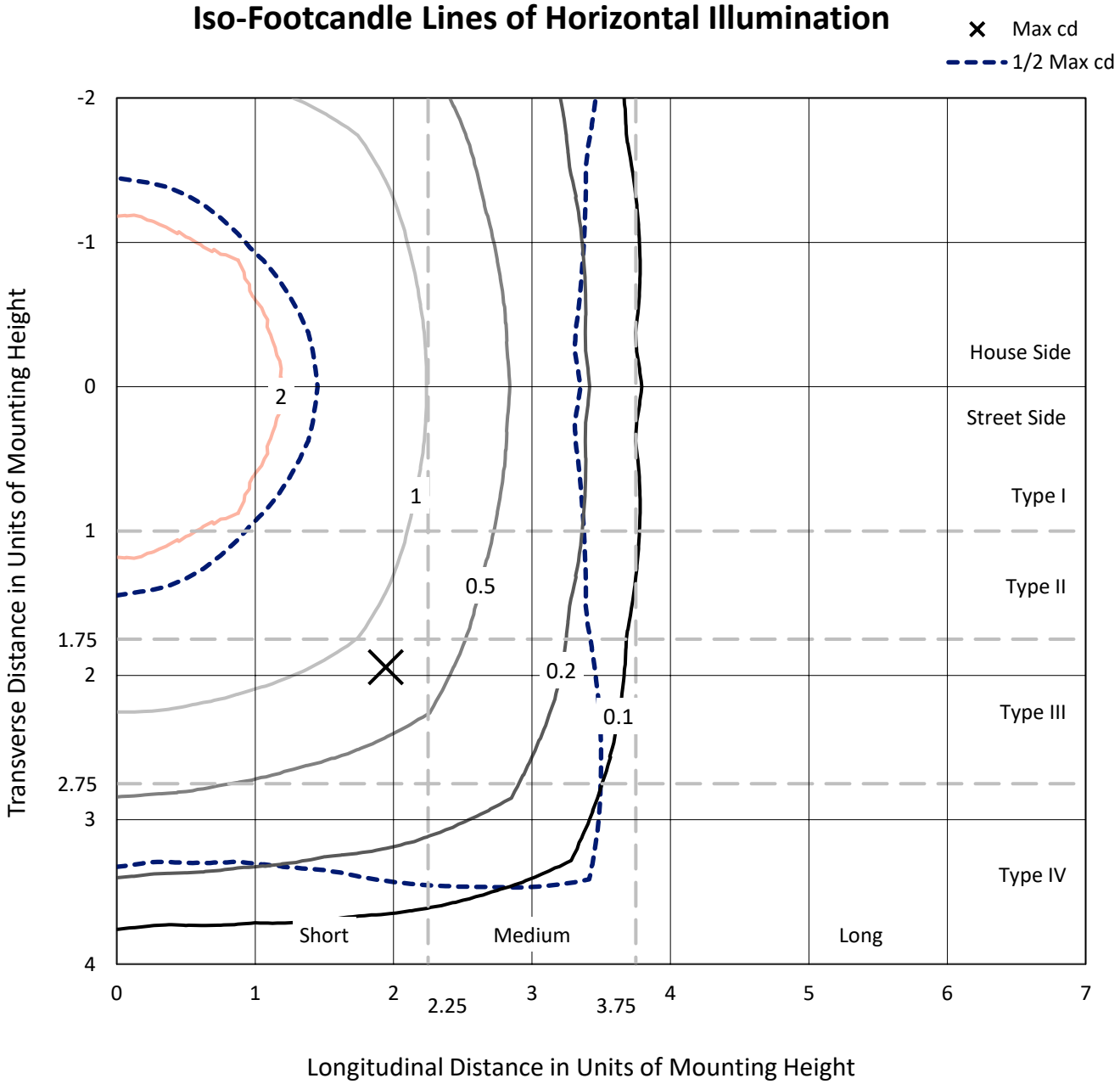


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Iso-Footcandle Lines of Horizontal Illumination



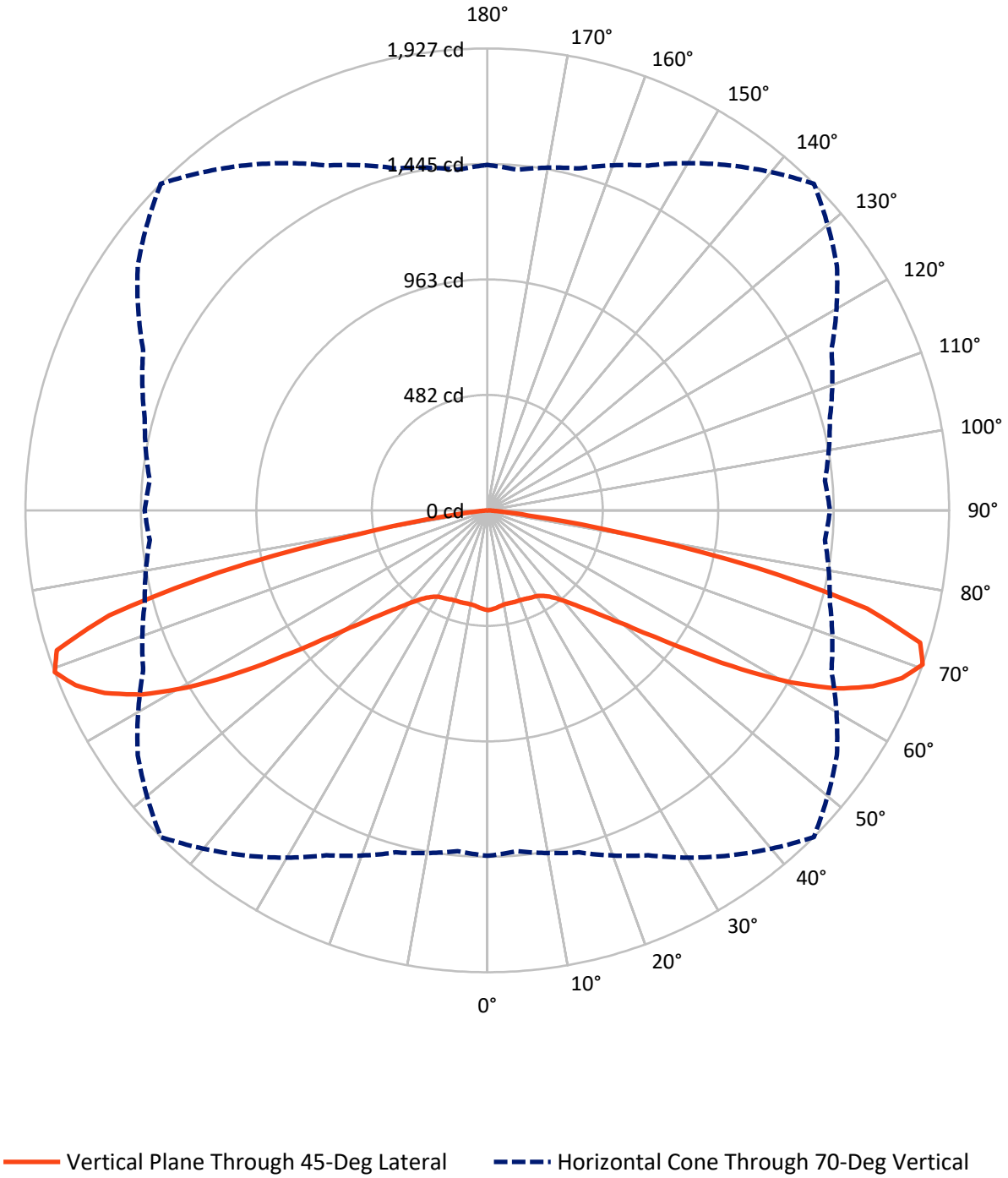
Based on 10 foot mounting height. Maximum calculated value = 4.2 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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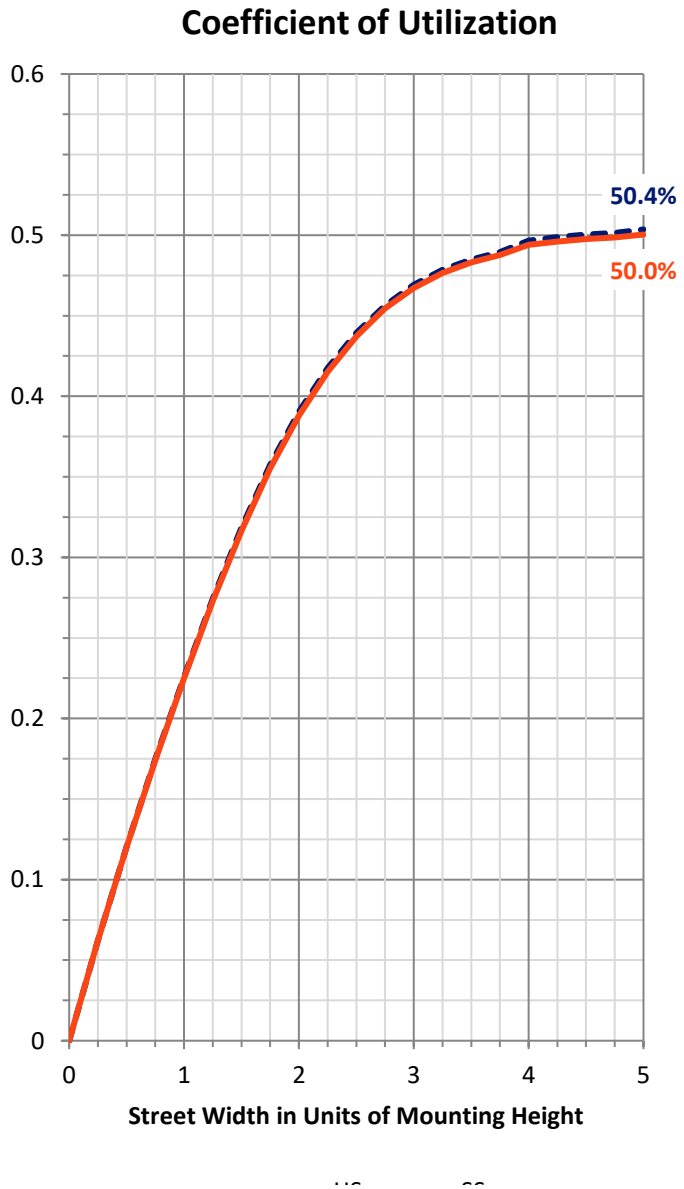
REPORT NUMBER: P1201126
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2281.0	0.0	2281.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2281.0	0.0	2281.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	4562.0	0.0	4562.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.7	0.8
10°-20°	113.7	2.5
20°-30°	189.2	4.1
30°-40°	286.1	6.3
40°-50°	475.4	10.4
50°-60°	897.0	19.7
60°-70°	1514.6	33.2
70°-80°	995.3	21.8
80°-90°	52.1	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°	4562.0	100.0
0°-180°	4562.0	100.0



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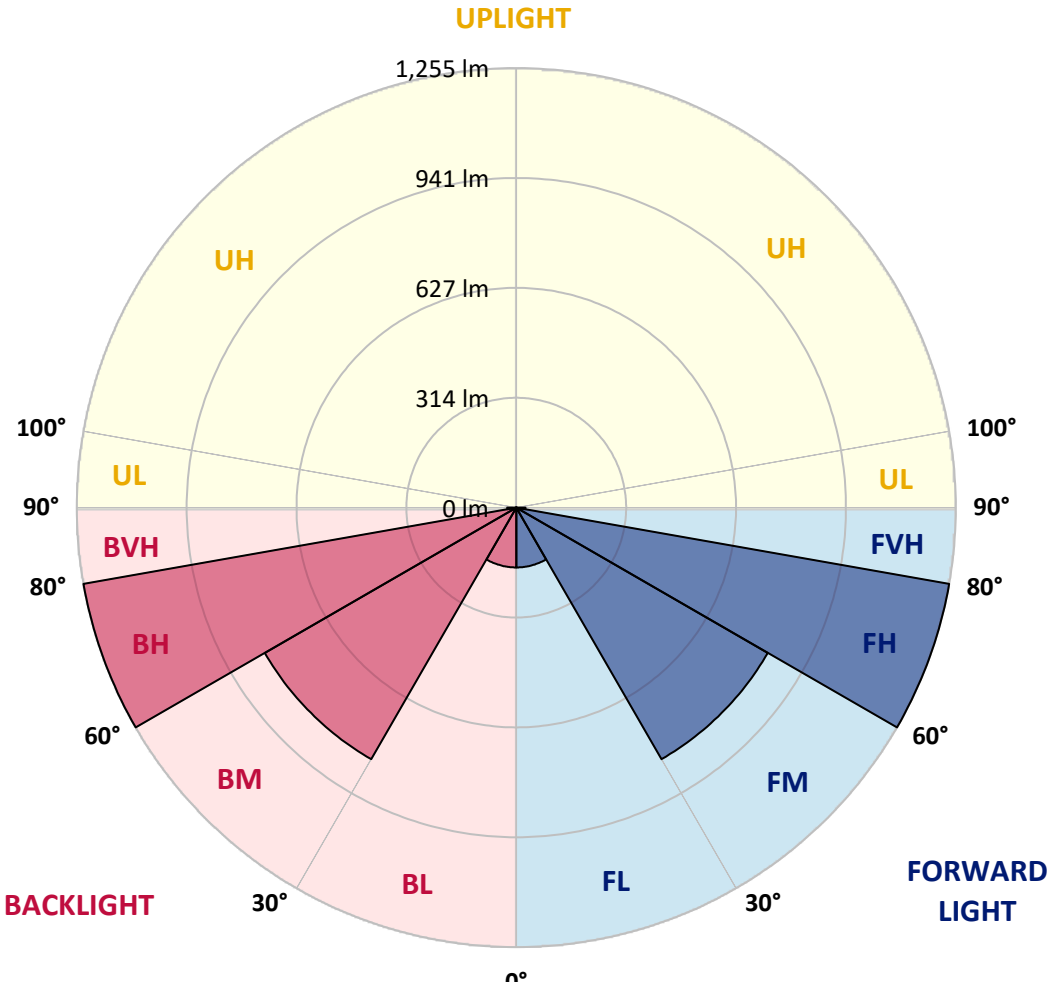
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	170.8	3.7			
FM	(30°-60°)	829.2	18.2			
FH	(60°-80°)	1254.9	27.5			G1/1800
FVH	(80°-90°)	26.1	0.6			G1/100
BL	(0°-30°)	170.8	3.7	B1/500		
BM	(30°-60°)	829.2	18.2	B1/1000		
BH	(60°-80°)	1254.9	27.5	B3/2500		G1/1800
BVH	(80°-90°)	26.1	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°	416.1	416.1	416.1	416.1	416.1	*416.1*	416.1	416.1	416.1	416.1	416.1
2.5°	413.5	414.7	414.2	413.3	413.3	*412.6*	413.3	413.8	414.5	415.0	414.7
5°	408.1	409.0	408.8	408.1	408.3	*407.6*	408.1	408.8	409.3	409.5	409.5
7.5°	403.3	404.3	403.8	402.6	402.6	*401.9*	402.2	402.9	403.6	403.8	403.8
10°	402.2	403.1	401.7	399.8	399.1	*398.1*	398.4	399.1	400.5	401.2	401.2
12.5°	402.6	403.3	401.9	399.1	398.4	*397.4*	397.4	398.1	400.0	401.0	401.2
15°	404.1	404.8	402.6	399.5	398.8	*398.1*	397.9	398.8	401.0	402.6	402.9
17.5°	406.7	407.4	404.1	399.8	398.8	*399.1*	398.8	399.5	402.9	406.0	406.0
20°	409.0	409.5	405.0	399.8	398.8	*399.1*	398.8	400.3	404.5	408.8	409.0
22.5°	409.7	410.2	406.0	401.4	400.7	*401.0*	400.7	402.2	406.2	410.5	410.5
25°	410.0	410.7	407.4	403.8	405.0	*405.5*	405.0	405.2	408.3	412.1	411.9
27.5°	413.5	414.5	411.4	408.3	409.0	*408.8*	409.5	410.2	412.6	416.4	415.4
30°	420.9	421.6	419.0	415.9	415.4	*413.8*	415.9	418.3	420.9	424.2	423.5
32.5°	433.0	434.4	431.1	427.8	425.6	*424.7*	426.3	430.4	433.9	437.5	436.1
35°	453.1	454.1	451.0	444.8	441.0	*441.0*	442.5	447.7	453.4	457.9	456.2
37.5°	481.6	482.8	477.3	470.0	464.3	*464.3*	466.2	471.6	480.2	486.6	484.2
40°	516.2	517.9	511.0	503.4	498.0	*497.0*	499.4	505.5	513.6	521.7	519.1
42.5°	557.9	559.8	550.8	544.2	539.9	*539.9*	541.1	546.8	554.2	564.1	563.4
45°	611.3	614.6	602.3	595.6	591.6	*592.6*	593.3	598.3	604.9	616.3	615.8
47.5°	674.8	678.2	665.1	658.2	657.5	*662.0*	659.2	662.8	666.3	679.3	675.6
50°	746.9	752.6	743.6	743.1	744.6	*752.9*	746.2	748.1	744.1	752.4	747.4
52.5°	835.1	843.4	841.8	844.6	860.5	*877.6*	862.4	855.8	840.6	843.2	834.4
55°	942.1	954.6	957.0	974.1	1010.1	*1045.0*	1012.7	985.9	953.7	947.8	938.5
57.5°	1063.7	1073.7	1085.1	1119.9	1187.3	*1249.2*	1187.3	1128.0	1077.2	1065.1	1056.6
60°	1194.6	1206.9	1217.9	1269.3	1369.4	*1456.4*	1367.5	1273.3	1206.2	1189.9	1175.6
62.5°	1335.2	1351.1	1358.7	1415.8	1532.5	*1636.4*	1534.2	1420.1	1345.7	1328.1	1313.9
65°	1470.1	1483.2	1491.7	1552.7	1664.1	*1768.2*	1671.7	1559.3	1482.7	1459.7	1448.3
67.5°	1533.0	1540.1	1561.0	1630.0	1747.6	*1866.4*	1767.5	1637.3	1551.7	1511.4	1511.9
70°	*1441.0*	*1426.5*	*1476.8*	*1587.3*	*1757.5*	*1926.6*	*1780.3*	*1584.0*	*1479.2*	*1413.7*	*1429.4*
72.5°	1113.5	1088.6	1175.9	1364.9	1643.7	*1888.2*	1655.1	1375.5	1230.2	1097.4	1130.4
75°	605.8	577.6	698.1	937.1	1310.8	*1636.6*	1340.9	963.9	777.3	601.3	640.5
77.5°	171.0	160.3	257.5	453.4	788.4	*1149.1*	818.8	463.3	305.4	181.2	201.3
80°	52.4	50.7	68.8	136.6	334.8	*550.4*	321.8	138.2	87.5	55.2	58.3
82.5°	31.1	28.5	34.1	49.8	85.4	*172.9*	83.0	51.9	41.7	28.0	30.4
85°	17.8	16.6	20.2	24.2	28.7	*36.8*	23.9	24.7	22.3	14.9	15.6
87.5°	7.4	6.6	7.8	7.6	6.6	*8.5*	6.4	7.6	9.0	5.9	5.5
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)