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: P1201127

Luminaire Tested: GWC-SB1A-735-U-RW

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201127
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-19)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1A-735-U-RW
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 350mA LIGHTSQUARE WITH 26 LEDS AND RECTANGULAR WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4644 lumens
Efficiency:	N/A
Efficacy:	150.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B2 - U0 - G2

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

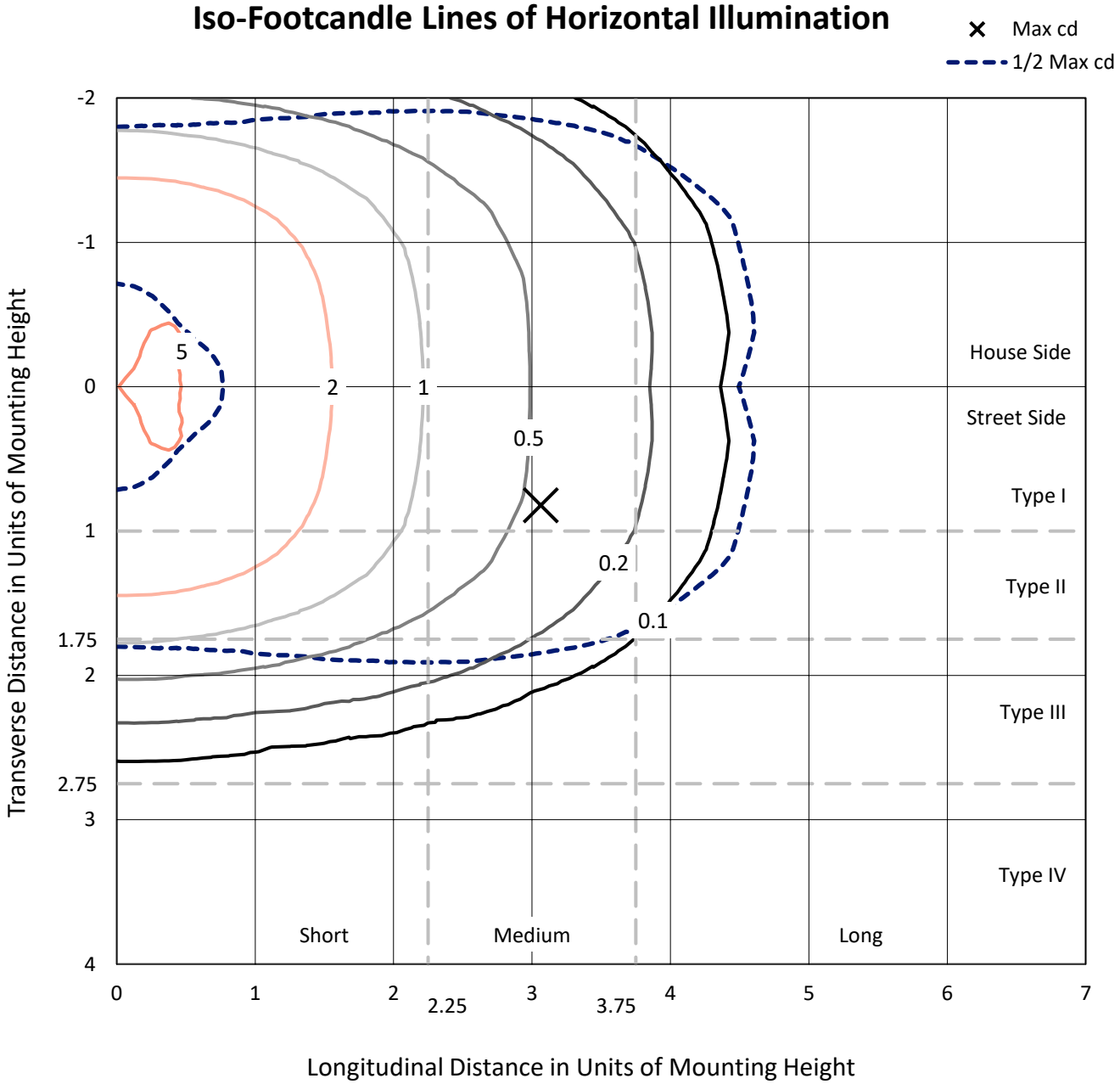


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Iso-Footcandle Lines of Horizontal Illumination



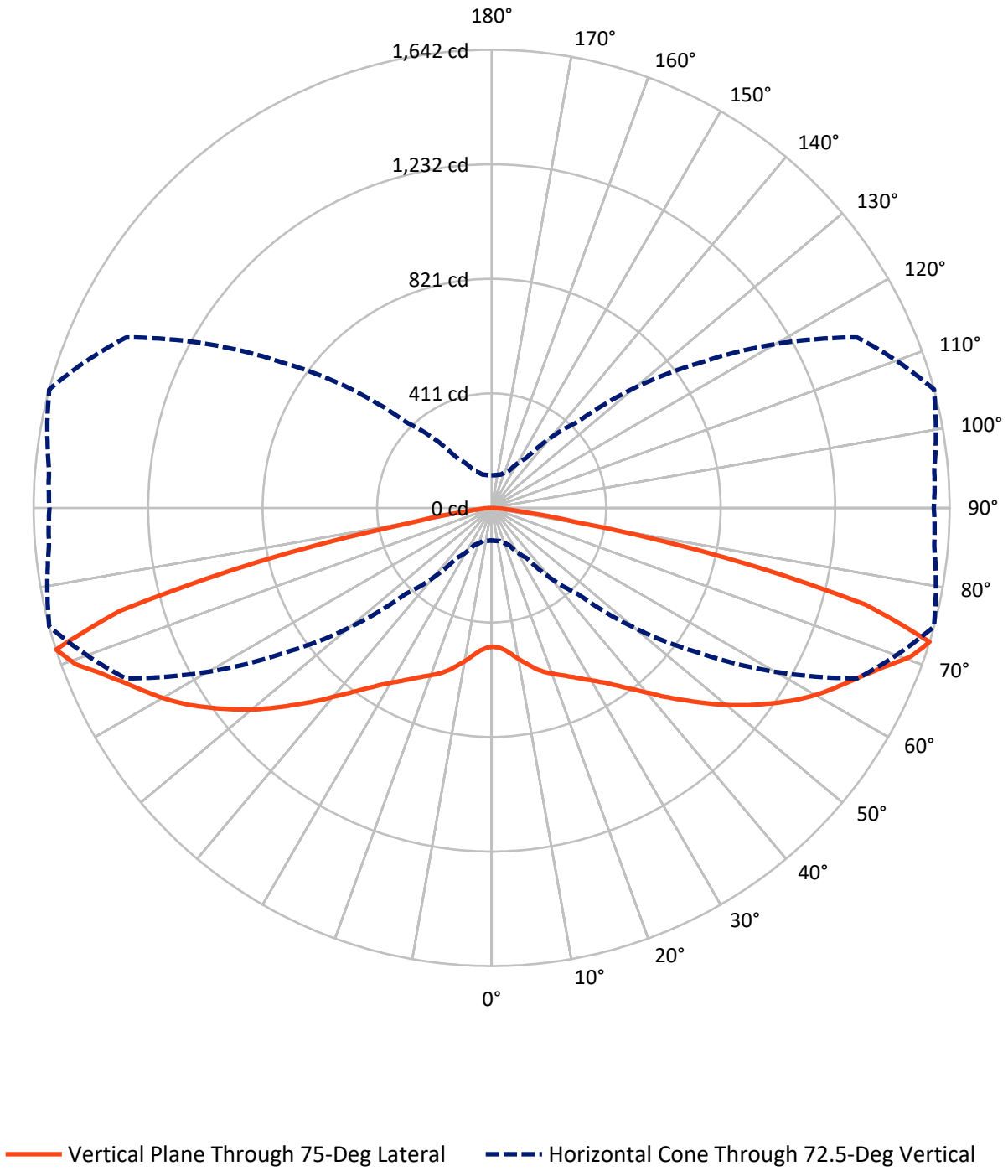
Based on 10 foot mounting height. Maximum calculated value = 5.5 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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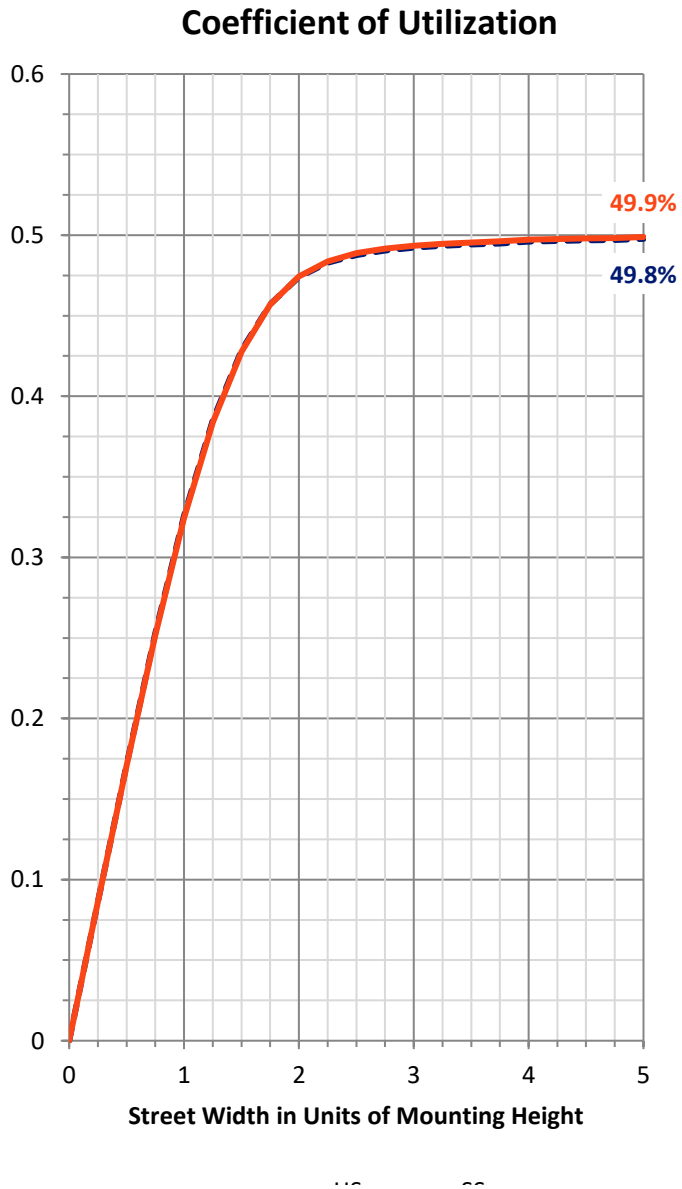
REPORT NUMBER: P1201127
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2322.0	0.0	2322.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2322.0	0.0	2322.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	4644.0	0.0	4644.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.7	1.0
10°-20°	160.7	3.5
20°-30°	310.6	6.7
30°-40°	524.4	11.3
40°-50°	831.6	17.9
50°-60°	1113.5	24.0
60°-70°	1059.7	22.8
70°-80°	553.0	11.9
80°-90°	41.9	0.9
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°	4644.0	100.0
0°-180°	4644.0	100.0



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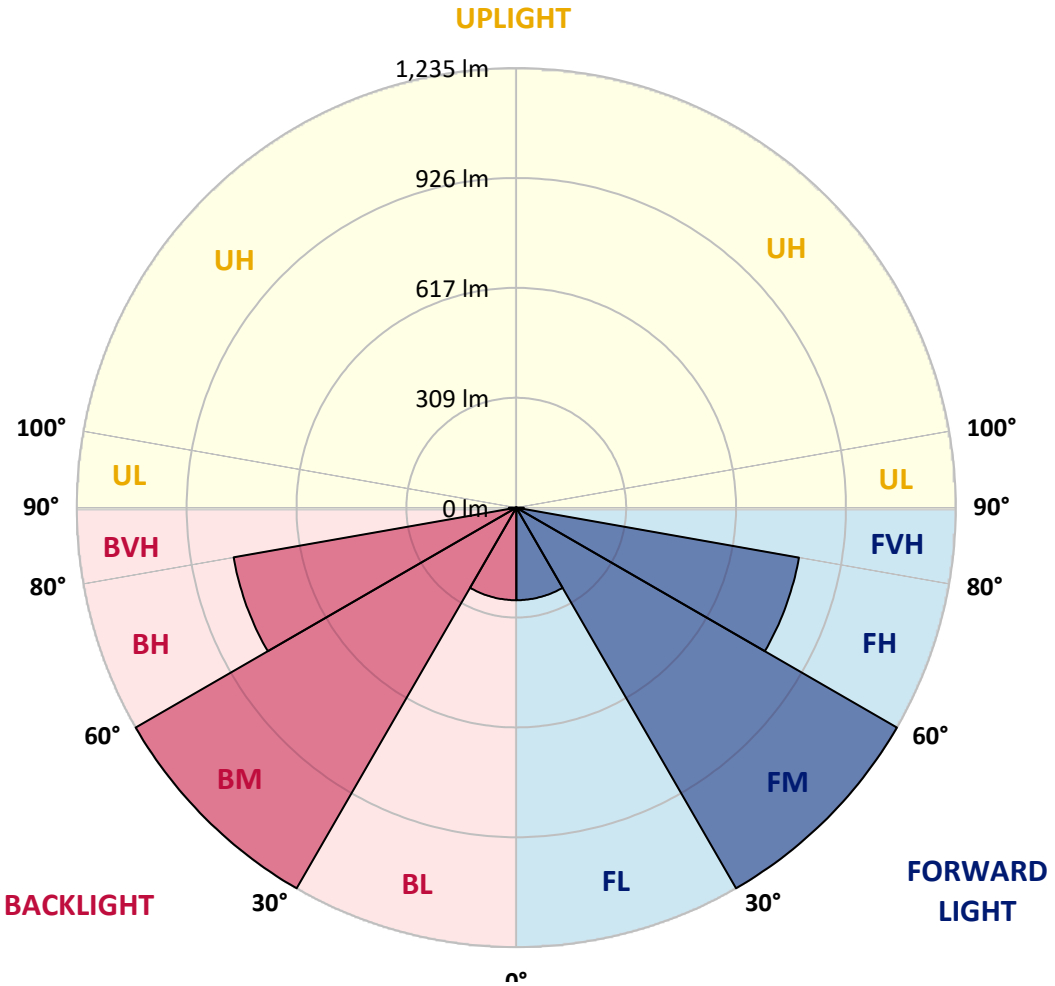
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	260.0	5.6			
FM	(30°-60°)	1234.8	26.6			
FH	(60°-80°)	806.3	17.4			G1/1800
FVH	(80°-90°)	20.9	0.5			G1/100
BL	(0°-30°)	260.0	5.6	B1/500		
BM	(30°-60°)	1234.8	26.6	B2/2500		
BH	(60°-80°)	806.3	17.4	B2/1000		G2/1000
BVH	(80°-90°)	20.9	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	497.5	497.5	497.5	497.5	497.5	497.5	497.5	497.5	*497.5*	497.5	497.5
2.5°	497.5	497.0	497.5	497.9	497.7	497.7	498.9	499.6	*501.0*	500.8	500.5
5°	494.1	493.9	495.8	497.9	499.6	502.4	506.0	508.6	*511.9*	512.6	512.6
7.5°	492.5	491.8	495.1	498.9	504.1	511.2	518.1	525.2	*530.9*	532.8	533.3
10°	493.7	493.9	498.4	505.5	513.8	523.8	533.5	545.6	*553.7*	555.5	557.4
12.5°	499.1	498.6	506.2	517.6	529.0	541.6	552.9	566.2	*575.0*	579.5	581.4
15°	509.1	508.1	518.8	535.6	552.2	566.9	576.2	588.7	*598.9*	604.6	606.8
17.5°	520.9	521.4	535.4	557.2	579.0	595.6	604.4	610.8	*618.6*	623.6	626.0
20°	541.8	542.7	558.4	584.2	609.1	628.1	635.2	632.8	*635.0*	638.8	641.6
22.5°	569.8	570.2	587.8	615.8	641.9	662.7	667.5	657.7	*651.8*	654.4	656.3
25°	602.3	605.3	622.9	651.6	678.4	698.3	700.4	685.7	*671.0*	671.7	672.9
27.5°	641.9	644.7	662.5	690.9	718.2	735.5	735.3	715.6	*694.0*	688.6	690.2
30°	684.8	687.9	706.1	735.5	760.9	776.1	772.7	749.3	*718.4*	708.2	709.4
32.5°	735.8	737.6	756.1	785.5	809.0	821.1	814.2	785.3	*746.9*	735.3	738.1
35°	797.4	800.2	814.0	841.7	862.4	872.3	860.7	826.6	*783.4*	770.4	772.3
37.5°	867.8	865.9	881.6	906.2	923.3	929.5	913.6	873.0	*825.1*	809.7	812.6
40°	941.3	940.4	957.4	981.2	990.4	994.2	970.7	926.4	*873.3*	856.7	862.1
42.5°	1008.0	1007.2	1030.2	1056.6	1067.7	1063.4	1033.8	983.1	*929.0*	910.0	914.8
45°	1061.3	1060.4	1088.6	1125.6	1147.4	1140.3	1100.4	1045.7	*985.4*	965.7	970.3
47.5°	1102.3	1102.8	1133.1	1178.9	1217.1	1219.7	1168.5	1109.4	*1047.5*	1025.3	1031.9
50°	1132.0	1133.4	1165.9	1216.6	1268.8	1291.8	1237.9	1174.9	*1111.8*	1086.7	1094.3
52.5°	1139.3	1141.9	1181.0	1240.6	1302.0	1345.8	1308.6	1237.7	*1172.7*	1148.8	1155.0
55°	1100.2	1105.4	1155.0	1238.7	1322.4	1381.4	1370.7	1301.5	*1234.2*	1209.5	1216.4
57.5°	1010.3	1017.7	1075.5	1184.8	1317.9	1405.8	1418.9	1362.7	*1295.6*	1271.9	1277.3
60°	884.4	893.2	948.7	1067.9	1254.3	1414.8	1452.8	1422.2	*1352.0*	1329.0	1334.0
62.5°	694.5	705.9	772.3	912.2	1120.1	1372.9	1481.7	1476.0	*1402.7*	1374.0	1377.4
65°	445.5	457.6	527.6	692.8	941.1	1244.4	1490.7	1528.4	*1456.3*	1416.3	1421.2
67.5°	268.6	274.1	308.7	419.9	687.9	1050.6	1414.4	1586.5	*1518.9*	1469.1	1472.9
70°	171.9	175.0	195.6	246.6	388.9	766.6	1225.1	1597.4	*1594.8*	1523.4	1523.0
72.5°	*116.7*	*117.6*	*123.1*	*146.1*	*220.0*	*435.6*	*903.6*	*1446.1*	*1642.2*	*1593.4*	*1585.8*
75°	85.4	90.6	99.3	103.4	125.0	217.7	517.8	1016.0	*1384.0*	1405.3	1353.7
77.5°	63.5	63.8	75.9	80.6	89.2	115.9	219.1	567.2	*859.3*	902.2	804.7
80°	53.8	51.0	50.7	65.0	67.1	72.3	97.9	195.9	*307.8*	186.6	141.1
82.5°	44.8	41.7	37.7	50.7	45.8	44.3	42.4	79.7	*97.9*	48.1	41.0
85°	31.3	29.9	28.5	33.2	26.1	22.3	20.4	37.2	*41.3*	20.4	18.0
87.5°	13.5	14.0	14.2	14.7	10.9	7.8	7.8	10.4	*10.4*	8.1	5.9
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)