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: P1202248

Luminaire Tested: GWC-SB1D-735-U-5WQ

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202248
	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-SB1D-735-U-5WQ
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10348 lumens
Efficiency:	N/A
Efficacy:	130.0 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B4 - U0 - G2

Input Watts (W):	79.6
Input Voltage (V):	120.0
Input Current (Ain):	0.638
Voltage Rise (V):	NR
Power Factor:	0.997
Total Harmonic Distortion (THDi):	6.673
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

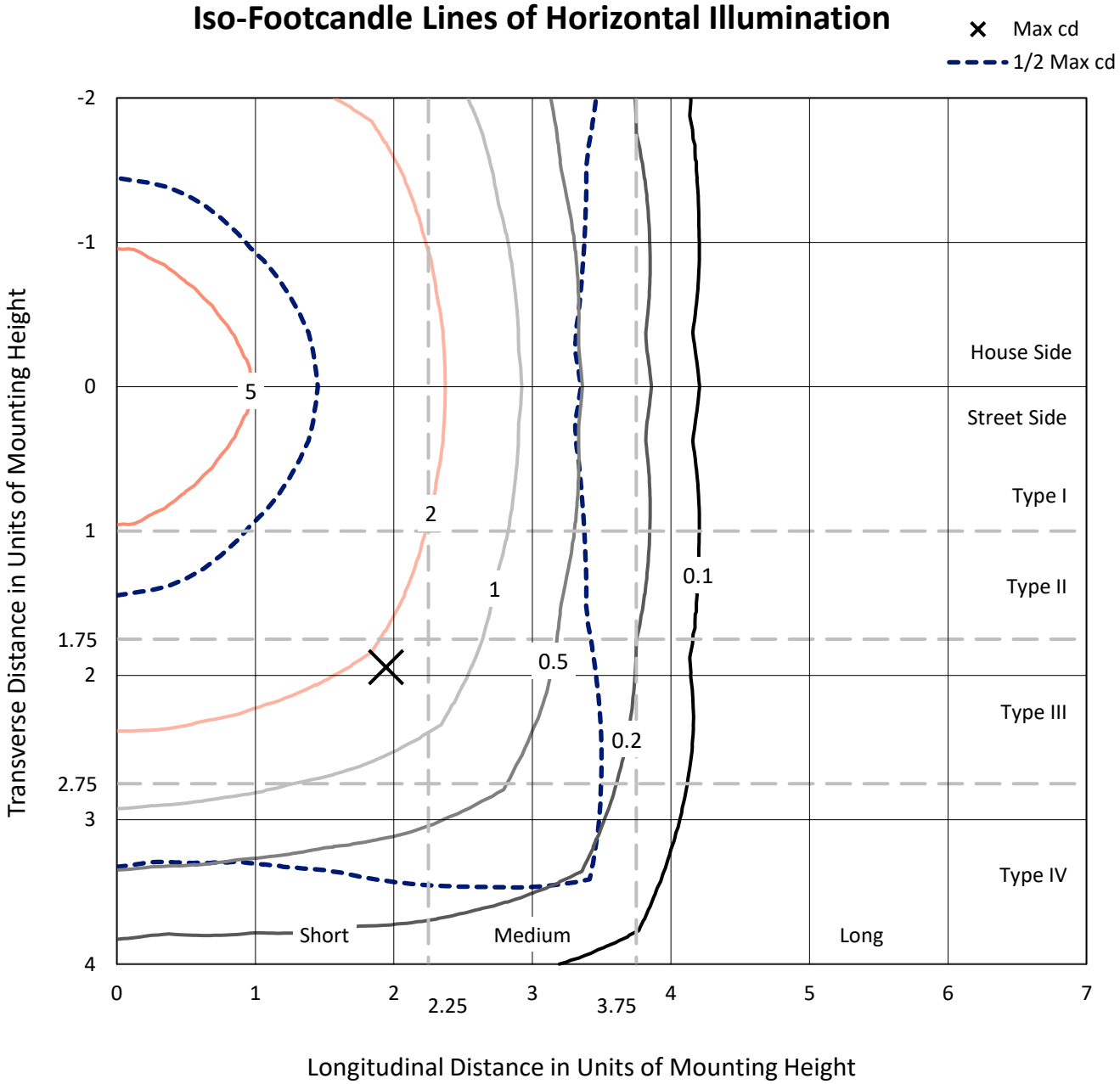


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Iso-Footcandle Lines of Horizontal Illumination



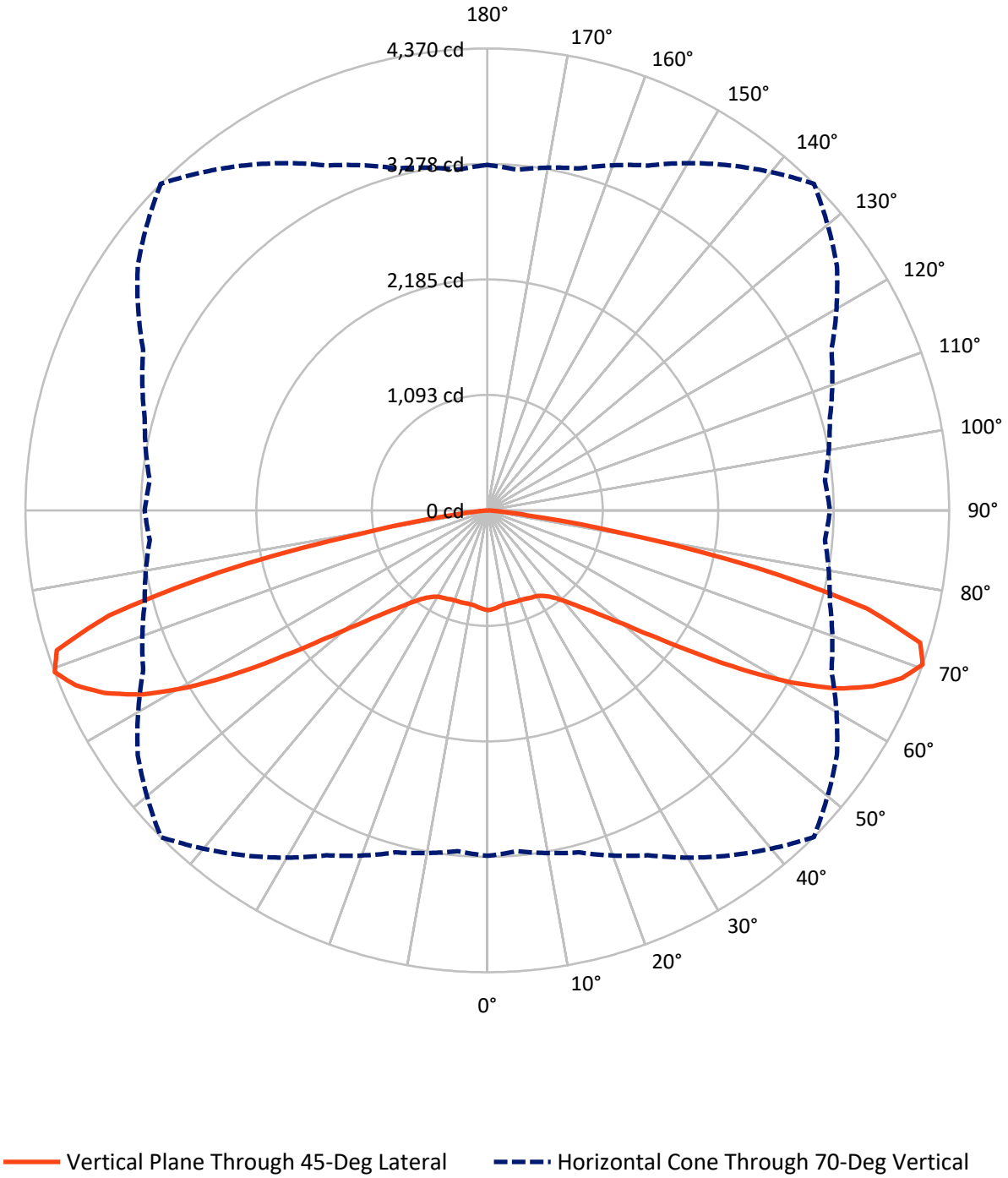
Based on 10 foot mounting height. Maximum calculated value = 9.4 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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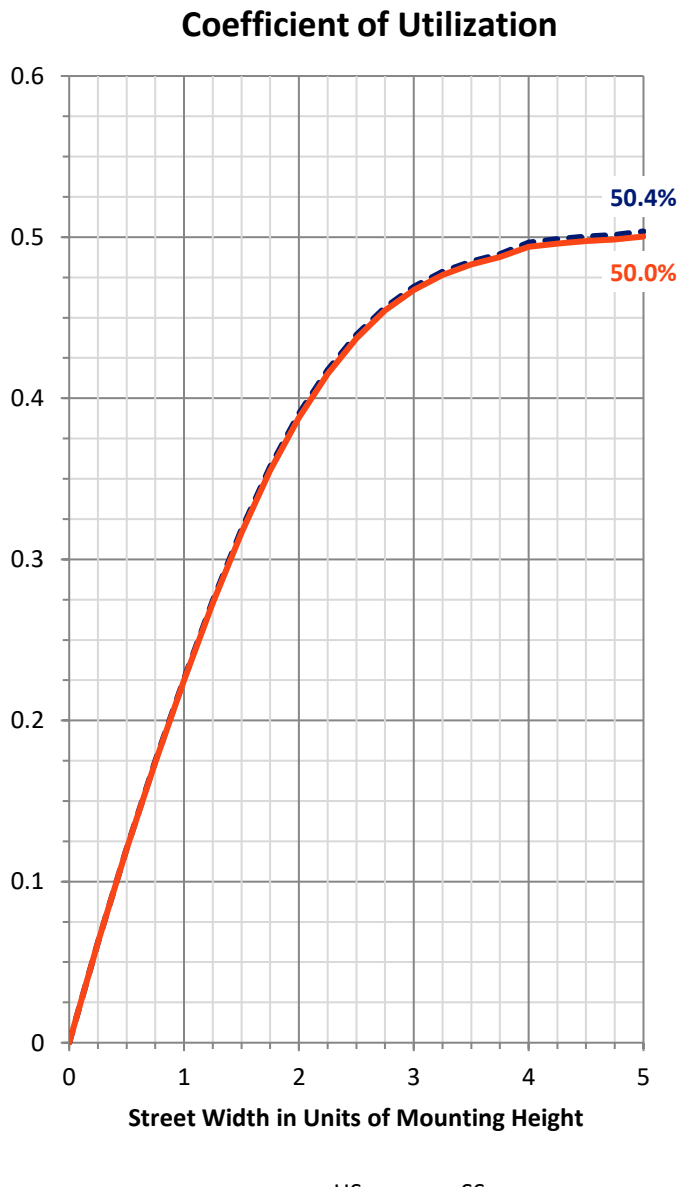
REPORT NUMBER: P1202248
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5174.0	0.0	5174.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5174.0	0.0	5174.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	10348.0	0.0	10348.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.8	0.8
10°-20°	257.8	2.5
20°-30°	429.1	4.1
30°-40°	648.9	6.3
40°-50°	1078.3	10.4
50°-60°	2034.7	19.7
60°-70°	3435.6	33.2
70°-80°	2257.6	21.8
80°-90°	118.3	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°	10348.0	100.0
0°-180°	10348.0	100.0



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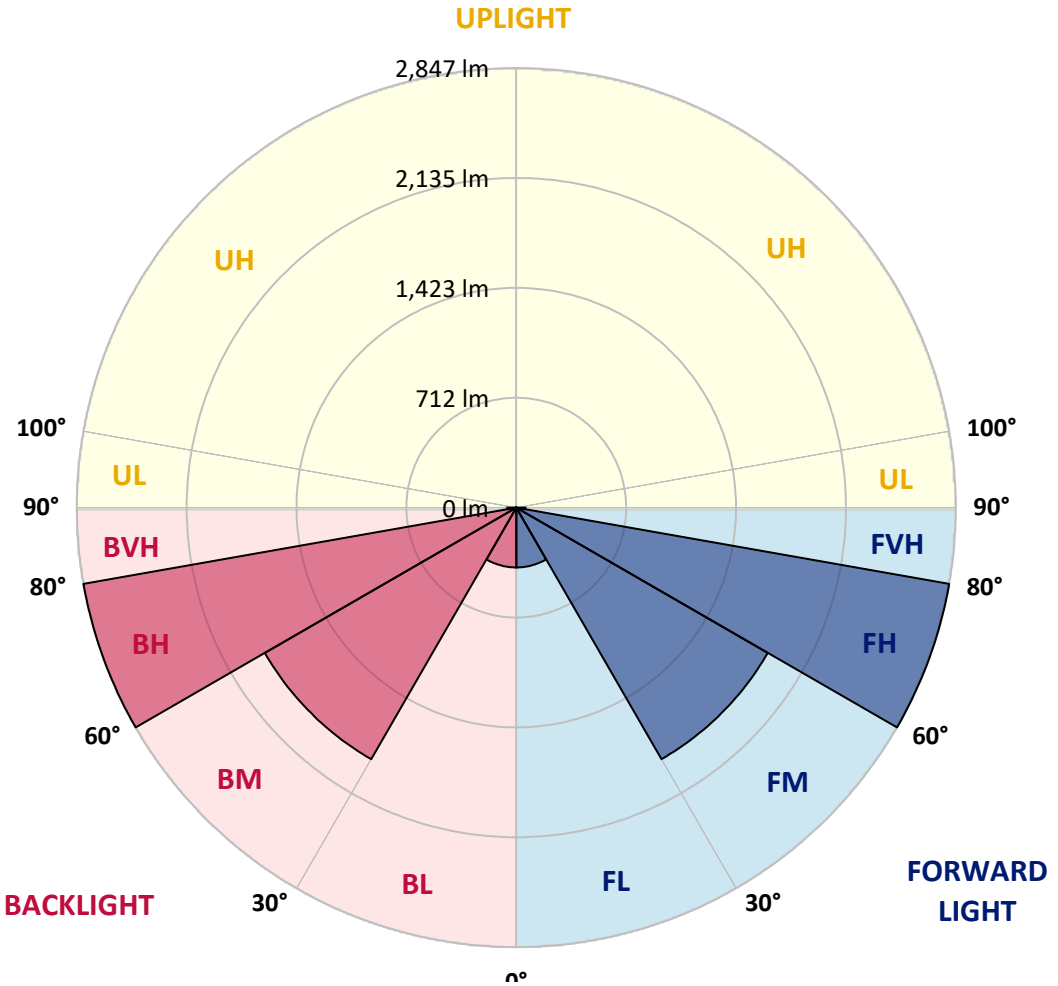
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	387.4	3.7			
FM	(30°-60°)	1880.9	18.2			
FH	(60°-80°)	2846.6	27.5			G2/5000
FVH	(80°-90°)	59.1	0.6			G1/100
BL	(0°-30°)	387.4	3.7	B1/500		
BM	(30°-60°)	1880.9	18.2	B2/2500		
BH	(60°-80°)	2846.6	27.5	B4/5000		G2/5000
BVH	(80°-90°)	59.1	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G2
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	943.9	943.9	943.9	943.9	943.9	*943.9*	943.9	943.9	943.9	943.9	943.9
2.5°	938.0	940.7	939.6	937.5	937.5	*935.9*	937.5	938.6	940.2	941.3	940.7
5°	925.7	927.8	927.3	925.7	926.2	*924.6*	925.7	927.3	928.3	928.9	928.9
7.5°	914.9	917.1	916.0	913.3	913.3	*911.7*	912.2	913.8	915.4	916.0	916.0
10°	912.2	914.4	911.1	906.8	905.2	*903.1*	903.6	905.2	908.4	910.1	910.1
12.5°	913.3	914.9	911.7	905.2	903.6	*901.5*	901.5	903.1	907.4	909.5	910.1
15°	916.5	918.1	913.3	906.3	904.7	*903.1*	902.5	904.7	909.5	913.3	913.8
17.5°	922.4	924.0	916.5	906.8	904.7	*905.2*	904.7	906.3	913.8	920.8	920.8
20°	927.8	928.9	918.7	906.8	904.7	*905.2*	904.7	907.9	917.6	927.3	927.8
22.5°	929.4	930.5	920.8	910.6	909.0	*909.5*	909.0	912.2	921.4	931.0	931.0
25°	930.0	931.6	924.0	916.0	918.7	*919.7*	918.7	919.2	926.2	934.8	934.3
27.5°	938.0	940.2	933.2	926.2	927.8	*927.3*	928.9	930.5	935.9	944.5	942.3
30°	954.7	956.3	950.4	943.4	942.3	*938.6*	943.4	948.8	954.7	962.2	960.6
32.5°	982.1	985.4	977.8	970.3	965.5	*963.3*	967.1	976.2	984.3	992.4	989.1
35°	1027.9	1030.0	1023.0	1009.0	1000.4	*1000.4*	1003.6	1015.5	1028.4	1038.6	1034.8
37.5°	1092.4	1095.1	1082.7	1066.0	1053.1	*1053.1*	1057.4	1069.8	1089.2	1103.7	1098.3
40°	1170.9	1174.7	1159.1	1141.9	1129.5	*1127.4*	1132.7	1146.7	1165.0	1183.3	1177.4
42.5°	1265.6	1269.9	1249.5	1234.4	1224.7	*1224.7*	1227.4	1240.3	1257.0	1279.6	1278.0
45°	1386.6	1394.1	1366.2	1351.1	1342.0	*1344.1*	1345.7	1357.0	1372.1	1397.9	1396.8
47.5°	1530.8	1538.3	1508.7	1493.1	1491.5	*1501.7*	1495.3	1503.3	1511.4	1541.0	1532.4
50°	1694.3	1707.2	1686.7	1685.7	1688.9	*1707.7*	1692.6	1697.0	1687.8	1706.6	1695.3
52.5°	1894.3	1913.2	1909.4	1915.9	1951.9	*1990.6*	1956.2	1941.1	1906.7	1912.6	1892.7
55°	2136.9	2165.4	2170.8	2209.5	2291.3	*2370.4*	2297.2	2236.4	2163.3	2149.8	2128.9
57.5°	2412.8	2435.4	2461.3	2540.3	2693.1	*2833.5*	2693.1	2558.6	2443.5	2416.1	2396.7
60°	2709.7	2737.7	2762.5	2879.2	3106.1	*3303.5*	3101.8	2888.3	2736.1	2699.0	2666.7
62.5°	3028.7	3064.7	3081.9	3211.6	3476.2	*3711.8*	3480.0	3221.2	3052.4	3012.6	2980.3
65°	3334.7	3364.3	3383.7	3521.9	3774.7	*4010.8*	3791.9	3537.0	3363.2	3311.1	3285.3
67.5°	3477.3	3493.4	3540.7	3697.3	3964.0	*4233.5*	4009.2	3713.9	3519.8	3428.3	3429.4
70°	*3268.6*	*3235.8*	*3349.8*	*3600.4*	*3986.6*	*4370.1*	*4038.3*	*3592.9*	*3355.2*	*3206.7*	*3242.2*
72.5°	2525.8	2469.3	2667.3	3095.9	3728.5	*4283.0*	3754.3	3120.1	2790.4	2489.2	2564.0
75°	1374.2	1310.2	1583.5	2125.6	2973.3	*3712.3*	3041.6	2186.4	1763.1	1364.0	1452.8
77.5°	387.8	363.6	584.1	1028.4	1788.4	*2606.5*	1857.2	1051.0	692.8	410.9	456.6
80°	118.9	115.1	156.0	309.8	759.5	*1248.4*	729.9	313.6	198.5	125.3	132.3
82.5°	70.5	64.5	77.5	113.0	193.6	*392.1*	188.3	117.8	94.7	63.5	68.8
85°	40.3	37.7	45.7	54.9	65.1	*83.4*	54.3	55.9	50.6	33.9	35.5
87.5°	16.7	15.1	17.7	17.2	15.1	*19.4*	14.5	17.2	20.4	13.4	12.4
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)