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: P1202246

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

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202246
	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-SB1D-735-U-5MQ
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE V MEDIUM OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10713 lumens
Efficiency:	N/A
Efficacy:	134.6 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

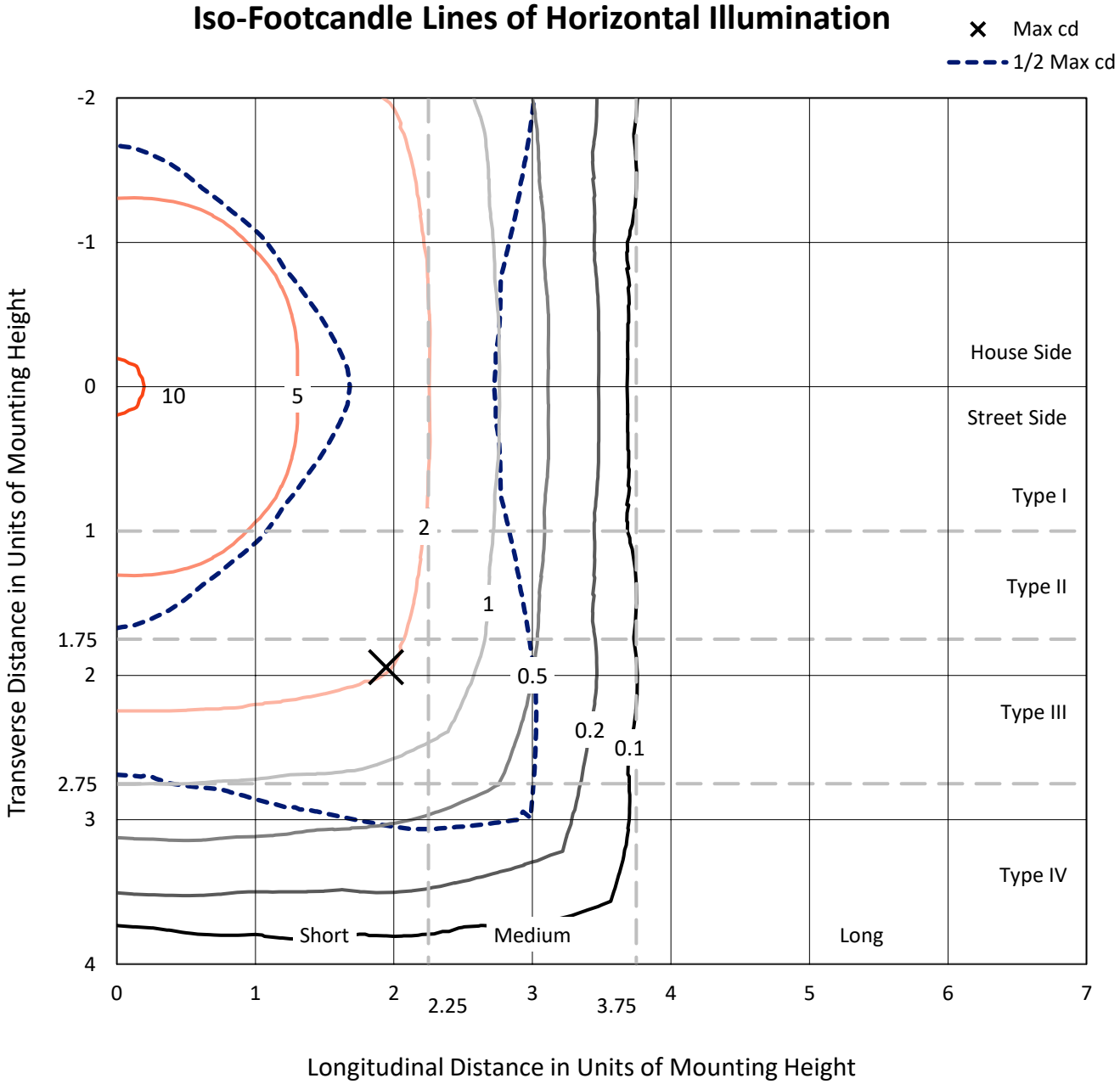


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Iso-Footcandle Lines of Horizontal Illumination



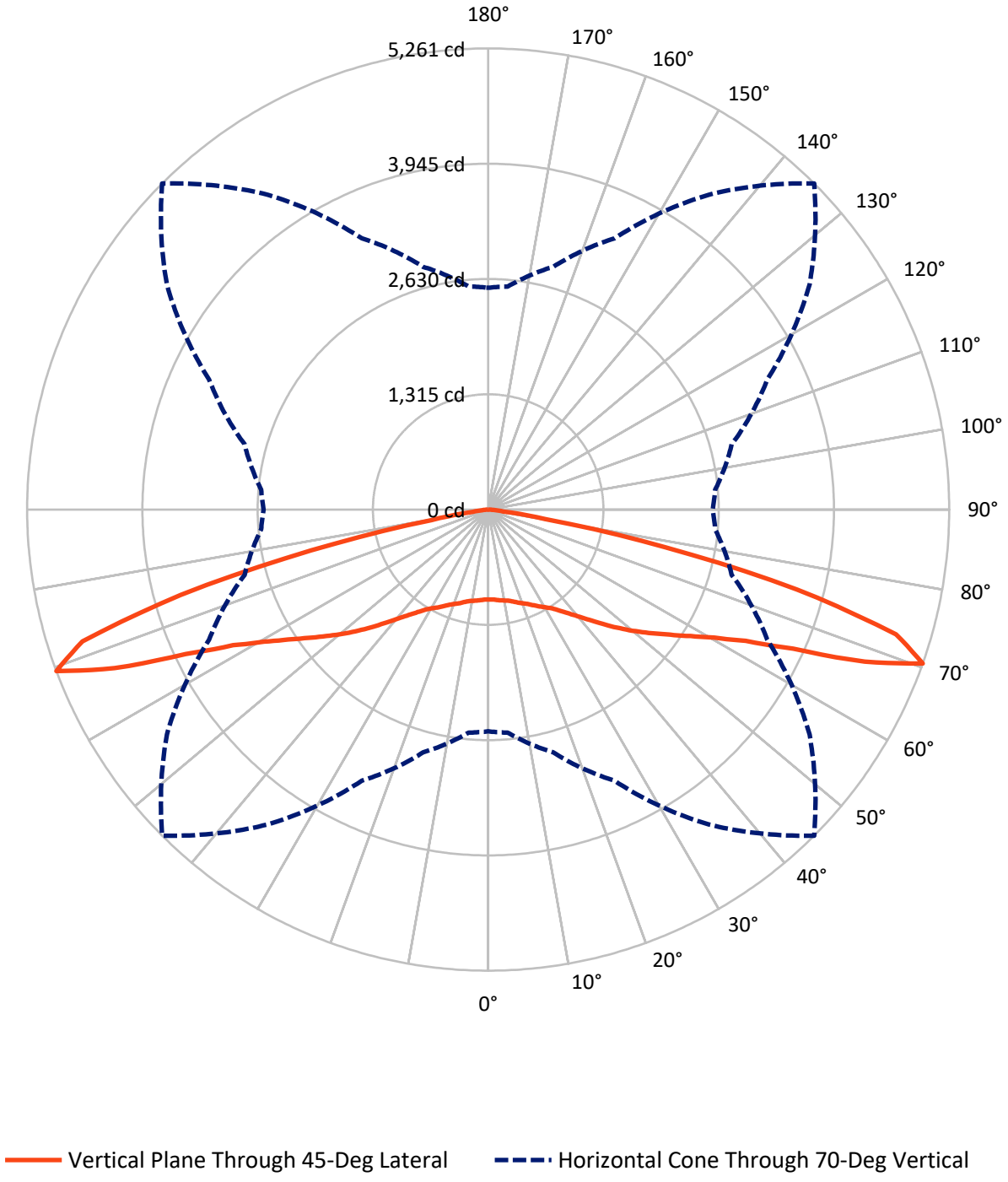
Based on 10 foot mounting height. Maximum calculated value = 10.3 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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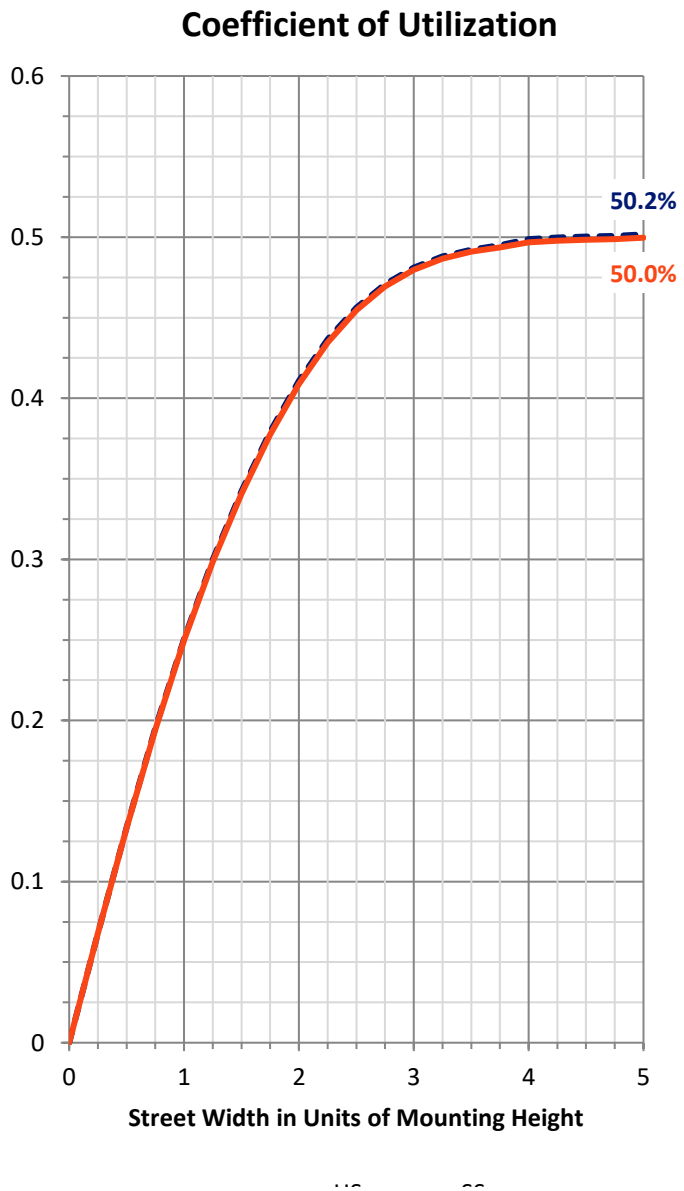
REPORT NUMBER: P1202246
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5356.5	0.0	5356.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5356.5	0.0	5356.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	10713.0	0.0	10713.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.7	0.9
10°-20°	309.1	2.9
20°-30°	552.5	5.2
30°-40°	895.6	8.4
40°-50°	1458.7	13.6
50°-60°	2224.0	20.8
60°-70°	3308.7	30.9
70°-80°	1803.3	16.8
80°-90°	61.4	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°	10713.0	100.0
0°-180°	10713.0	100.0



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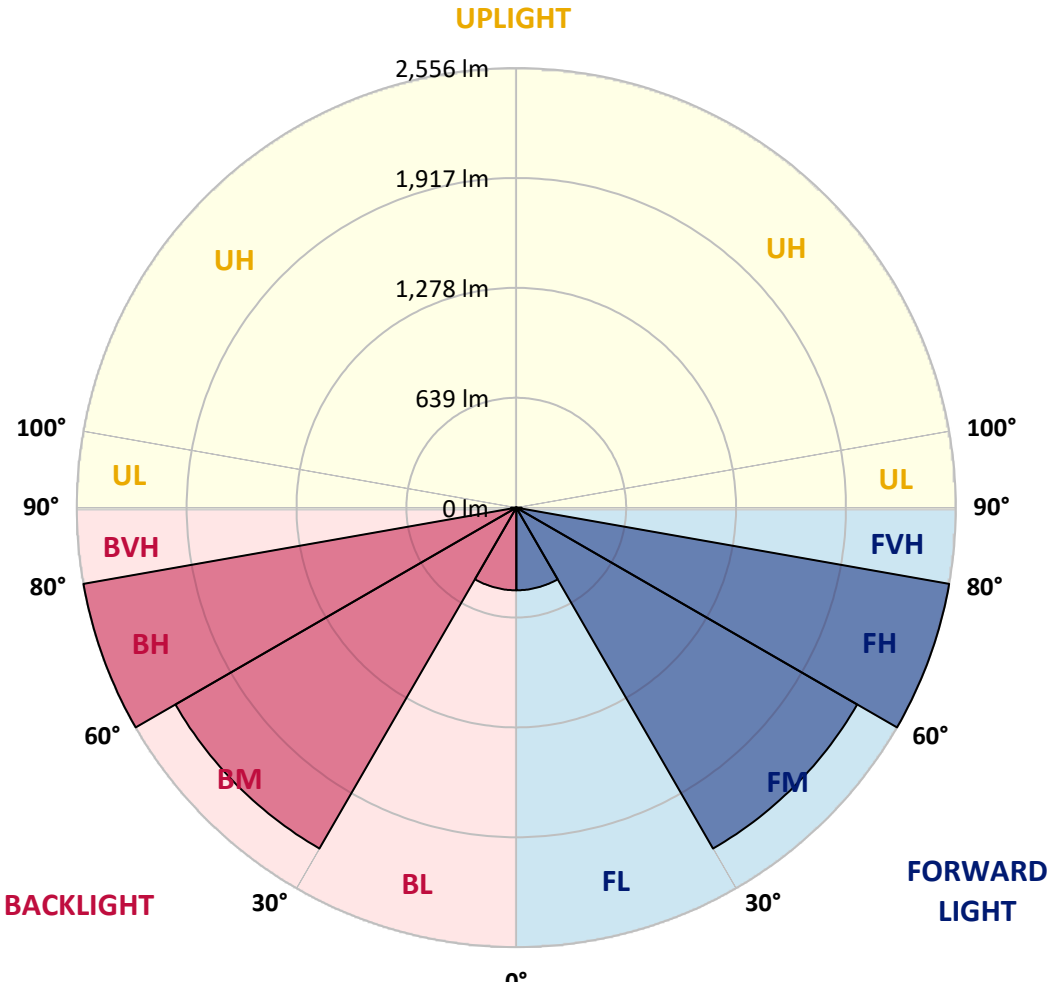
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	480.7	4.5			
FM	(30°-60°)	2289.2	21.4			
FH	(60°-80°)	2556.0	23.9			G2/5000
FVH	(80°-90°)	30.7	0.3			G1/100
BL	(0°-30°)	480.7	4.5	B1/500		
BM	(30°-60°)	2289.2	21.4	B2/2500		
BH	(60°-80°)	2556.0	23.9	B4/5000		G2/5000
BVH	(80°-90°)	30.7	0.3			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°	1026.2	1026.2	1026.2	1026.2	1026.2	*1026.2*	1026.2	1026.2	1026.2	1026.2	1026.2
2.5°	1031.0	1032.1	1030.0	1028.9	1027.8	*1026.2*	1026.7	1029.4	1031.6	1031.0	1031.6
5°	1039.6	1040.7	1039.1	1038.6	1036.4	*1035.9*	1035.9	1038.6	1040.2	1039.1	1039.6
7.5°	1049.3	1050.9	1048.2	1047.7	1046.6	*1045.6*	1045.0	1047.7	1049.3	1049.3	1049.3
10°	1058.5	1060.1	1057.9	1056.3	1055.2	*1055.2*	1054.2	1056.3	1059.0	1058.5	1058.5
12.5°	1068.1	1069.2	1067.1	1066.0	1066.0	*1067.6*	1066.0	1067.1	1069.2	1068.1	1067.6
15°	1080.0	1080.5	1080.0	1081.6	1084.3	*1089.7*	1084.8	1083.7	1084.8	1082.1	1082.1
17.5°	1096.1	1097.2	1099.3	1103.1	1106.9	*1116.6*	1107.9	1105.3	1105.3	1099.9	1099.9
20°	1116.0	1117.6	1120.9	1127.3	1132.1	*1141.3*	1132.7	1128.9	1127.3	1120.3	1120.3
22.5°	1137.0	1139.7	1144.5	1153.1	1161.7	*1170.3*	1161.7	1155.3	1150.4	1141.3	1140.8
25°	1161.2	1164.4	1171.9	1185.9	1197.8	*1210.1*	1199.9	1187.0	1177.3	1164.4	1163.9
27.5°	1195.6	1199.4	1208.5	1225.7	1240.8	*1251.5*	1241.9	1225.2	1211.7	1196.2	1195.6
30°	1244.0	1247.8	1258.5	1276.8	1287.0	*1294.0*	1287.6	1274.7	1258.5	1240.8	1240.8
32.5°	1306.4	1311.2	1323.1	1340.3	1342.4	*1343.5*	1341.4	1334.9	1323.1	1301.6	1302.1
35°	1385.5	1390.8	1404.3	1418.3	1416.1	*1418.3*	1415.1	1412.9	1404.3	1379.6	1379.6
37.5°	1482.3	1488.7	1502.7	1513.5	1508.1	*1505.4*	1505.9	1506.5	1501.6	1474.2	1474.2
40°	1594.7	1603.3	1613.5	1624.8	1615.7	*1607.6*	1613.0	1617.3	1613.0	1585.0	1585.0
42.5°	1710.3	1722.7	1733.5	1749.6	1742.1	*1731.8*	1739.4	1744.2	1735.1	1704.9	1707.1
45°	1838.9	1850.7	1864.7	1888.9	1883.5	*1872.8*	1883.5	1884.6	1869.0	1833.5	1837.3
47.5°	1971.7	1984.1	2005.1	2037.3	2035.2	*2023.3*	2037.3	2029.8	2009.9	1967.4	1964.7
50°	2097.6	2114.8	2147.0	2192.2	2196.5	*2182.0*	2200.8	2186.3	2153.0	2099.7	2098.6
52.5°	2215.9	2234.2	2285.3	2346.6	2362.2	*2343.4*	2368.6	2343.4	2293.3	2225.0	2218.6
55°	2340.1	2360.6	2421.3	2501.5	2532.7	*2518.7*	2542.4	2504.2	2433.2	2350.4	2339.1
57.5°	2486.4	2498.8	2571.4	2666.6	2719.3	*2722.5*	2733.3	2668.8	2582.7	2488.6	2475.7
60°	2645.1	2662.3	2741.4	2855.4	2938.7	*2965.6*	2954.3	2858.6	2758.6	2650.5	2633.3
62.5°	2848.4	2867.2	2961.9	3098.5	3230.3	*3296.9*	3252.8	3114.1	2990.4	2860.8	2838.2
65°	3016.7	3037.7	3208.7	3452.4	3692.3	*3826.2*	3715.4	3459.9	3237.2	3054.4	3024.3
67.5°	2894.6	2920.5	3188.8	3636.3	4232.8	*4632.4*	4253.2	3691.2	3255.0	3007.1	2969.9
70°	*2530.0*	*2554.2*	*2867.2*	*3414.2*	*4385.0*	*5260.6*	*4476.4*	*3514.8*	*2877.4*	*2599.9*	*2562.8*
72.5°	1679.7	1757.7	2074.4	2730.6	3915.5	*4868.0*	3954.2	2675.2	1924.4	1675.9	1621.6
75°	557.2	619.6	835.8	1415.6	2622.5	*3640.6*	2496.6	1252.6	662.1	476.5	450.7
77.5°	140.4	161.9	223.2	405.0	1046.1	*2072.8*	941.8	330.8	180.2	125.9	112.4
80°	68.3	75.3	107.6	135.0	261.9	*658.9*	245.8	126.9	85.0	65.6	60.2
82.5°	37.6	38.2	60.8	76.4	97.3	*170.5*	101.1	74.2	48.9	39.8	39.8
85°	23.1	22.6	32.3	40.9	40.9	*60.8*	48.4	40.9	28.0	24.7	25.8
87.5°	9.1	9.1	11.8	12.9	11.3	*15.6*	12.4	13.4	10.8	10.2	10.8
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)