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: P1202620

Luminaire Tested: GWC-SB2A-735-U-5MQ

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202620
	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-SB2A-735-U-5MQ
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V MEDIUM OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9393 lumens
Efficiency:	N/A
Efficacy:	163.9 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B3 - U0 - G2

Input Watts (W):	57.3
Input Voltage (V):	120.0
Input Current (Ain):	0.484
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.038
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

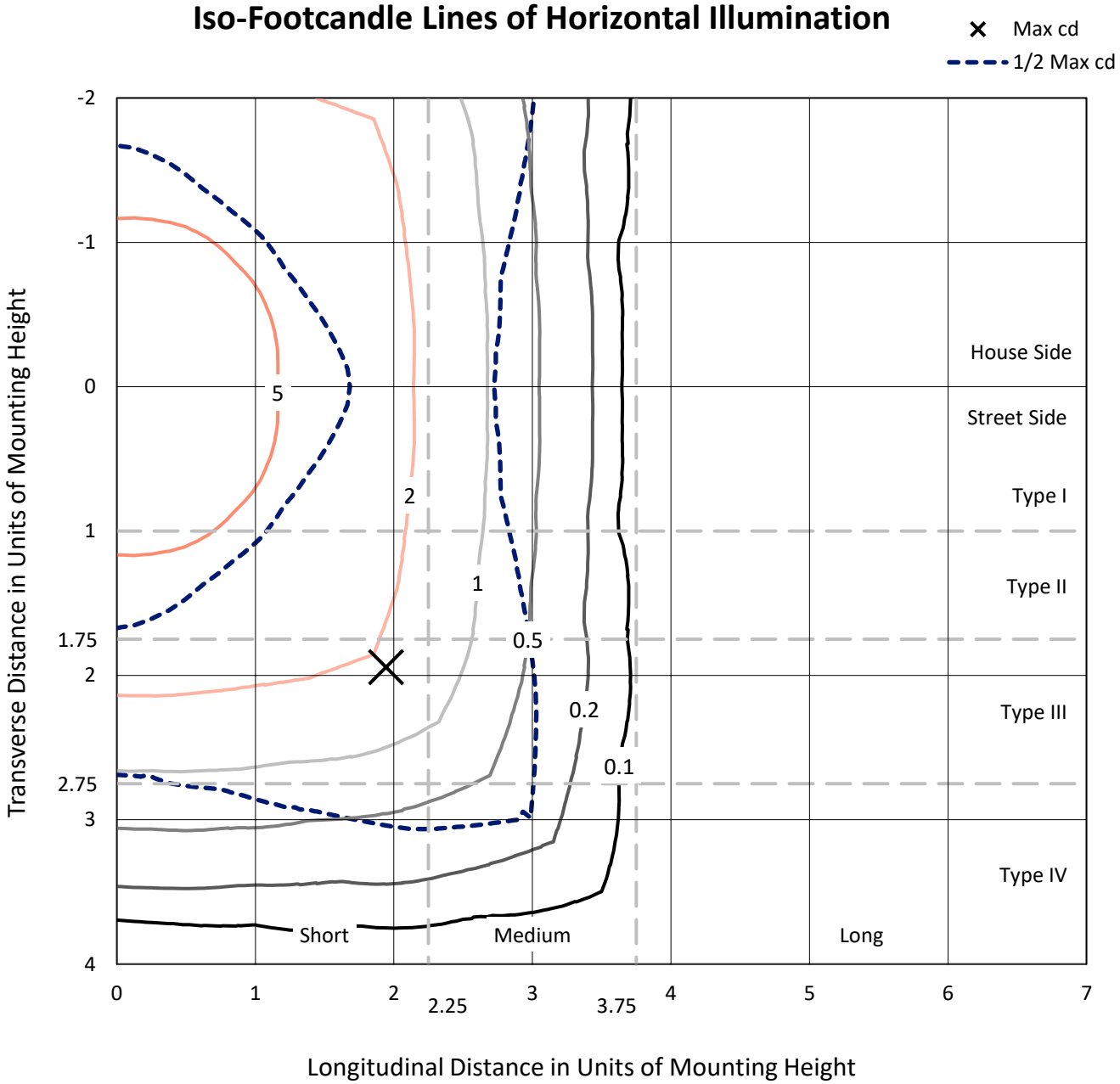


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Iso-Footcandle Lines of Horizontal Illumination



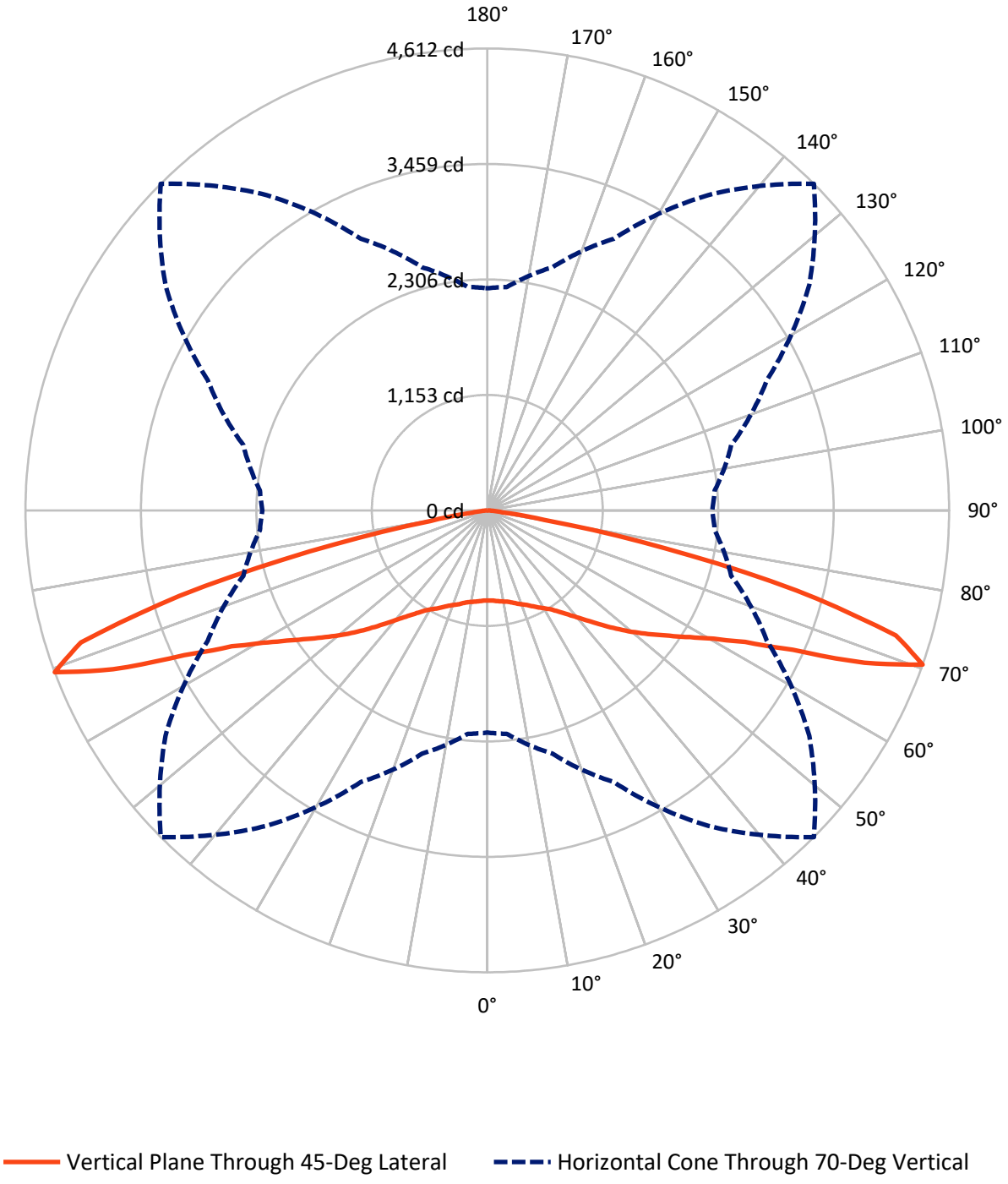
Based on 10 foot mounting height. Maximum calculated value = 9 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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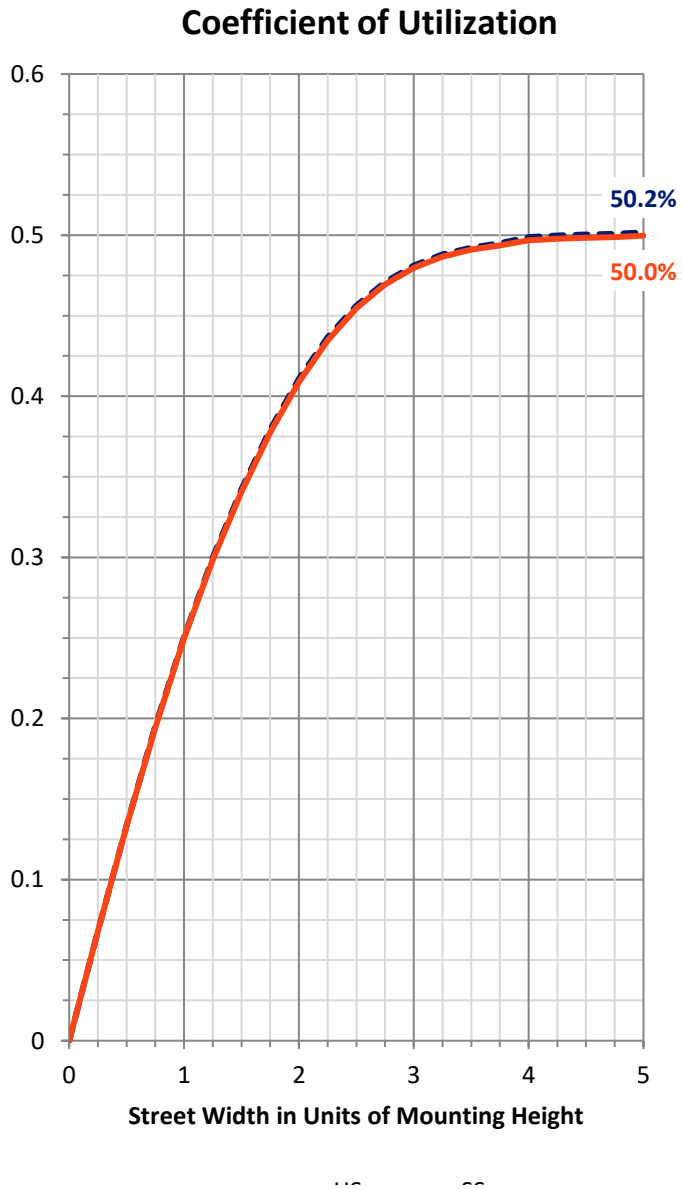
REPORT NUMBER: P1202620
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4696.5	0.0	4696.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4696.5	0.0	4696.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	9393.0	0.0	9393.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.4	0.9
10°-20°	271.1	2.9
20°-30°	484.4	5.2
30°-40°	785.2	8.4
40°-50°	1279.0	13.6
50°-60°	1950.0	20.8
60°-70°	2901.0	30.9
70°-80°	1581.1	16.8
80°-90°	53.8	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°	9393.0	100.0
0°-180°	9393.0	100.0



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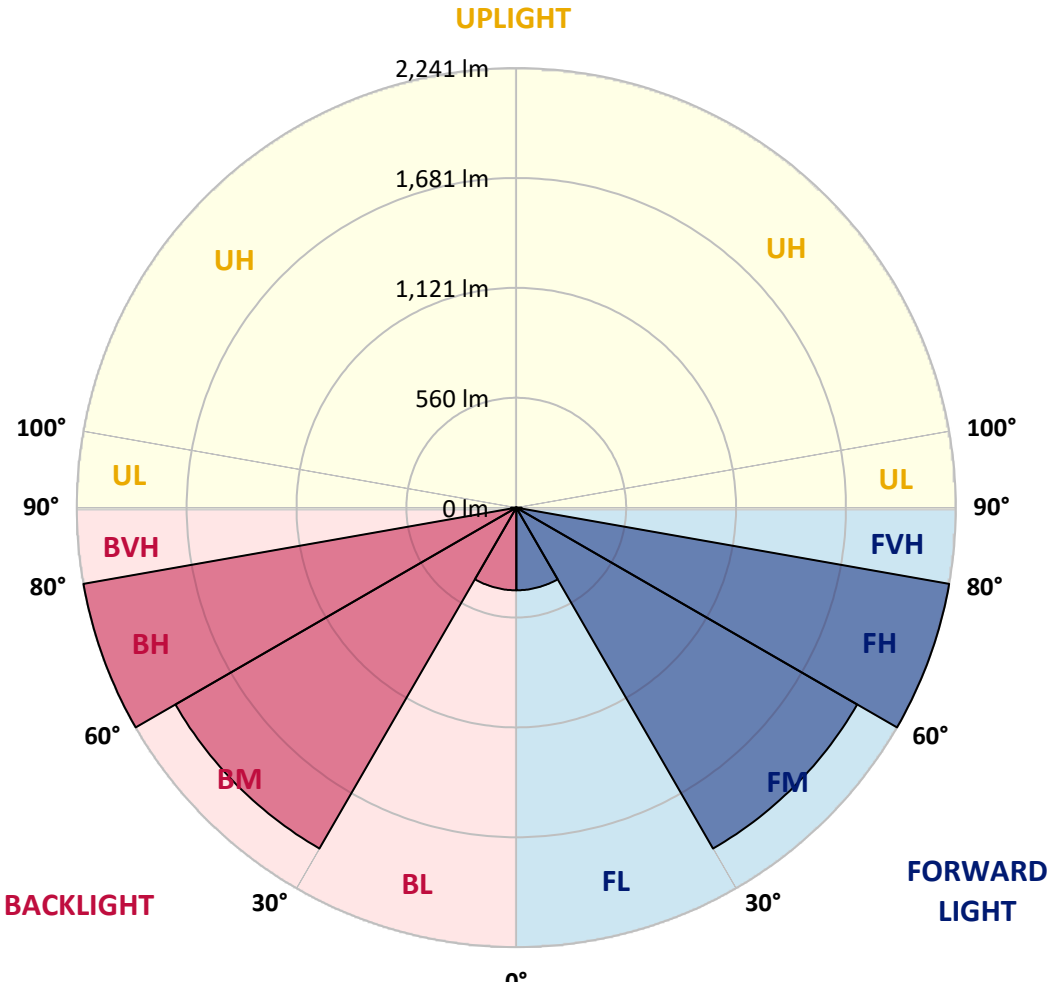
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	421.4	4.5			
FM	(30°-60°)	2007.1	21.4			
FH	(60°-80°)	2241.1	23.9			G2/5000
FVH	(80°-90°)	26.9	0.3			G1/100
BL	(0°-30°)	421.4	4.5	B1/500		
BM	(30°-60°)	2007.1	21.4	B2/2500		
BH	(60°-80°)	2241.1	23.9	B3/2500		G2/5000
BVH	(80°-90°)	26.9	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-G2
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	899.8	899.8	899.8	899.8	899.8	*899.8*	899.8	899.8	899.8	899.8	899.8
2.5°	904.0	904.9	903.1	902.1	901.2	*899.8*	900.2	902.6	904.5	904.0	904.5
5°	911.5	912.5	911.1	910.6	908.7	*908.2*	908.2	910.6	912.0	911.1	911.5
7.5°	920.0	921.4	919.1	918.6	917.7	*916.7*	916.3	918.6	920.0	920.0	920.0
10°	928.0	929.5	927.6	926.2	925.2	*925.2*	924.3	926.2	928.5	928.0	928.0
12.5°	936.5	937.5	935.6	934.6	934.6	*936.1*	934.6	935.6	937.5	936.5	936.1
15°	946.9	947.4	946.9	948.3	950.7	*955.4*	951.2	950.2	951.2	948.8	948.8
17.5°	961.1	962.0	963.9	967.2	970.5	*979.0*	971.4	969.1	969.1	964.4	964.4
20°	978.5	979.9	982.7	988.4	992.7	*1000.7*	993.1	989.8	988.4	982.3	982.3
22.5°	996.9	999.3	1003.5	1011.0	1018.6	*1026.1*	1018.6	1012.9	1008.7	1000.7	1000.2
25°	1018.1	1020.9	1027.5	1039.8	1050.2	*1061.0*	1052.1	1040.8	1032.3	1020.9	1020.5
27.5°	1048.3	1051.6	1059.6	1074.7	1087.9	*1097.3*	1088.9	1074.2	1062.4	1048.8	1048.3
30°	1090.7	1094.0	1103.5	1119.5	1128.5	*1134.6*	1128.9	1117.6	1103.5	1087.9	1087.9
32.5°	1145.4	1149.7	1160.1	1175.1	1177.0	*1178.0*	1176.1	1170.4	1160.1	1141.2	1141.7
35°	1214.8	1219.5	1231.3	1243.5	1241.6	*1243.5*	1240.7	1238.8	1231.3	1209.6	1209.6
37.5°	1299.6	1305.3	1317.6	1327.0	1322.3	*1319.9*	1320.4	1320.9	1316.6	1292.6	1292.6
40°	1398.2	1405.7	1414.7	1424.6	1416.6	*1409.5*	1414.2	1418.0	1414.2	1389.7	1389.7
42.5°	1499.6	1510.4	1519.9	1534.0	1527.4	*1518.4*	1525.1	1529.3	1521.3	1494.9	1496.8
45°	1612.3	1622.7	1634.9	1656.1	1651.4	*1642.0*	1651.4	1652.4	1638.7	1607.6	1610.9
47.5°	1728.8	1739.6	1758.0	1786.3	1784.4	*1774.0*	1786.3	1779.7	1762.3	1725.0	1722.6
50°	1839.1	1854.2	1882.5	1922.1	1925.9	*1913.2*	1929.7	1916.9	1887.7	1841.0	1840.1
52.5°	1942.9	1958.9	2003.7	2057.5	2071.1	*2054.6*	2076.8	2054.6	2010.8	1950.9	1945.2
55°	2051.8	2069.7	2123.0	2193.3	2220.6	*2208.4*	2229.1	2195.6	2133.4	2060.8	2050.9
57.5°	2180.1	2190.9	2254.6	2338.0	2384.2	*2387.1*	2396.5	2339.9	2264.5	2181.9	2170.6
60°	2319.2	2334.3	2403.6	2503.6	2576.6	*2600.2*	2590.3	2506.4	2418.7	2323.9	2308.8
62.5°	2497.4	2513.9	2596.9	2716.7	2832.2	*2890.7*	2852.0	2730.4	2621.9	2508.3	2488.5
65°	2645.0	2663.4	2813.4	3027.0	3237.3	*3354.7*	3257.6	3033.6	2838.4	2678.0	2651.6
67.5°	2538.0	2560.6	2795.9	3188.3	3711.2	*4061.6*	3729.2	3236.4	2853.9	2636.5	2604.0
70°	*2218.3*	*2239.5*	*2513.9*	*2993.5*	*3844.7*	*4612.4*	*3924.9*	*3081.7*	*2522.9*	*2279.6*	*2247.0*
72.5°	1472.7	1541.1	1818.8	2394.2	3433.0	*4268.2*	3467.0	2345.6	1687.3	1469.4	1421.8
75°	488.5	543.2	732.8	1241.2	2299.4	*3192.0*	2189.0	1098.3	580.5	417.8	395.2
77.5°	123.1	141.9	195.7	355.1	917.2	*1817.4*	825.7	290.0	158.0	110.3	98.6
80°	59.9	66.0	94.3	118.4	229.7	*577.7*	215.5	111.3	74.5	57.5	52.8
82.5°	33.0	33.5	53.3	67.0	85.4	*149.5*	88.7	65.1	42.9	34.9	34.9
85°	20.3	19.8	28.3	35.8	35.8	*53.3*	42.4	35.8	24.5	21.7	22.6
87.5°	8.0	8.0	10.4	11.3	9.9	*13.7*	10.8	11.8	9.4	9.0	9.4
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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(END OF REPORT)