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: P1201873

Luminaire Tested: GWC-SB1C-735-U-5NQ

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201873
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-18)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1C-735-U-5NQ
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE V NARROW OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7889 lumens
Efficiency:	N/A
Efficacy:	145.0 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):	54.4
Input Voltage (V):	120.0
Input Current (Ain):	0.437
Voltage Rise (V):	NR
Power Factor:	0.993
Total Harmonic Distortion (THDi):	9.314
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

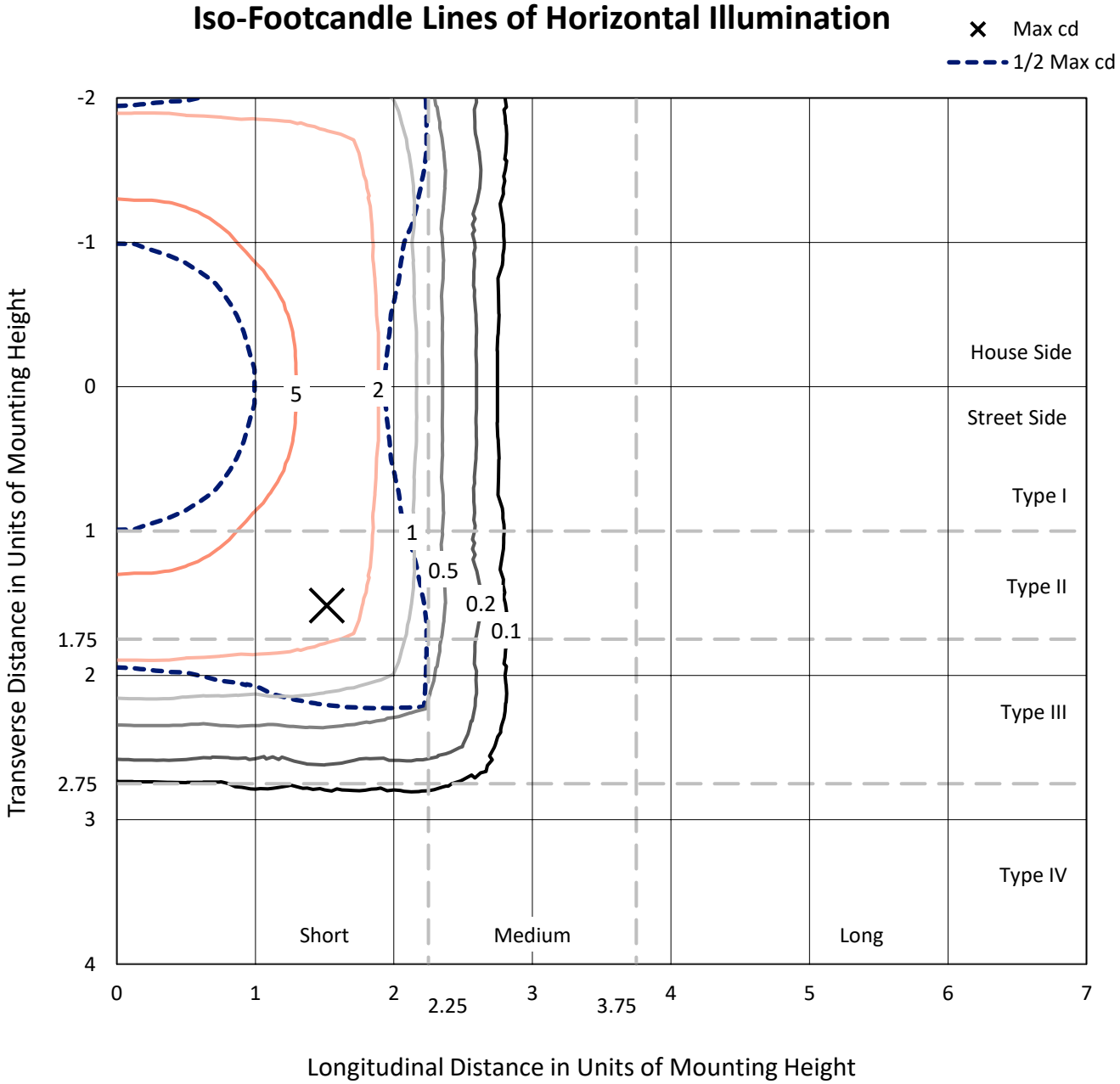


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Iso-Footcandle Lines of Horizontal Illumination



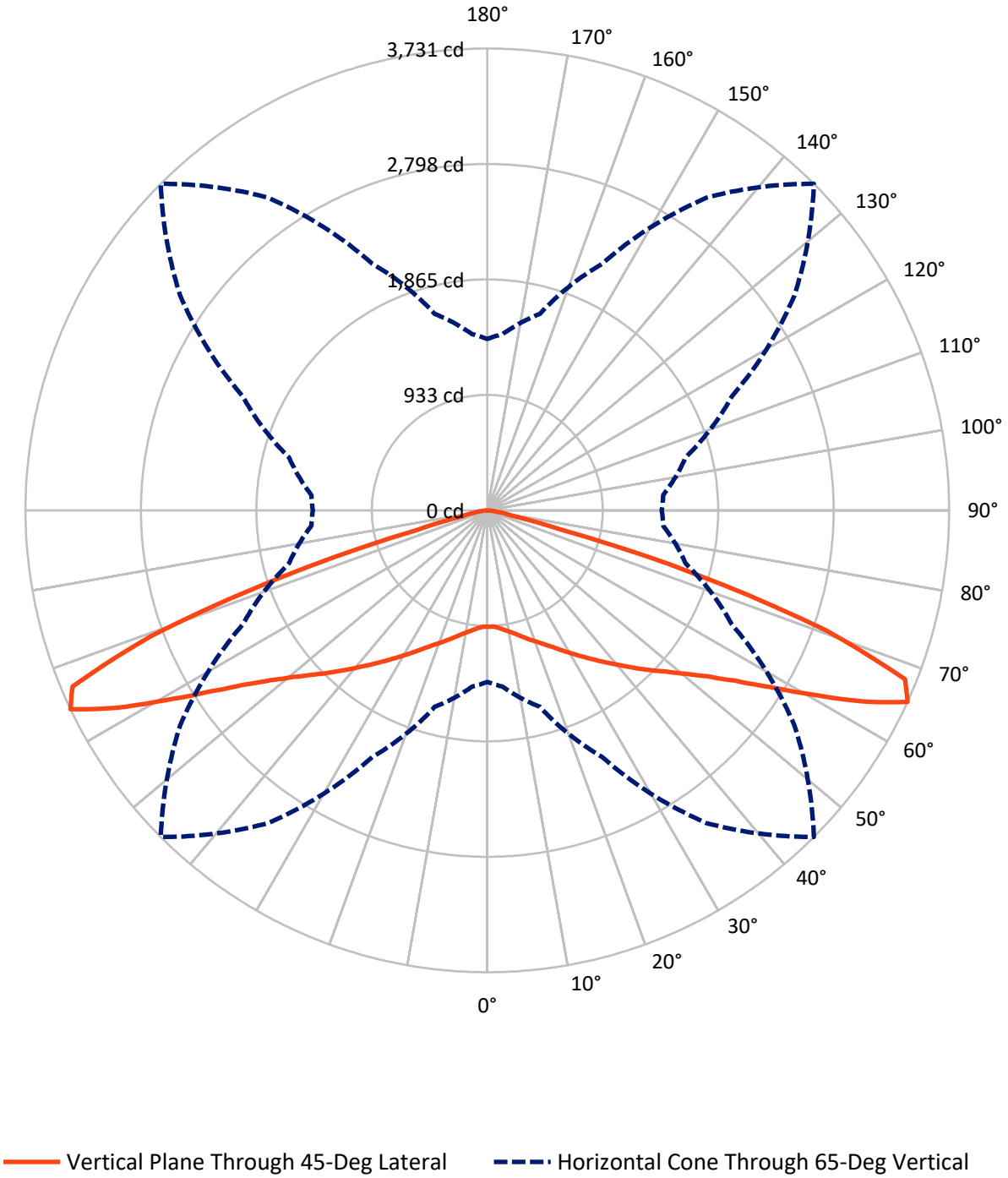
Based on 10 foot mounting height. Maximum calculated value = 9.6 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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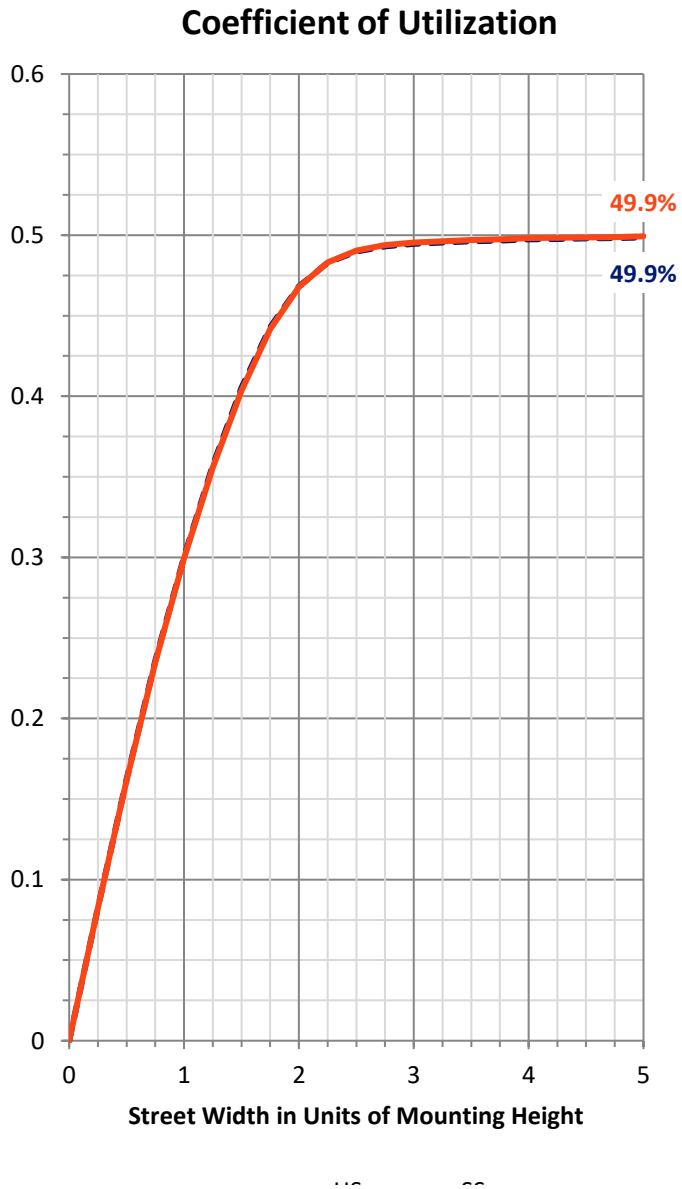
REPORT NUMBER: P1201873
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3944.5	0.0	3944.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3944.5	0.0	3944.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	7889.0	0.0	7889.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.7	1.2
10°-20°	302.3	3.8
20°-30°	570.9	7.2
30°-40°	934.8	11.8
40°-50°	1449.4	18.4
50°-60°	2141.0	27.1
60°-70°	2038.1	25.8
70°-80°	328.9	4.2
80°-90°	31.0	0.4
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°	7889.0	100.0
0°-180°	7889.0	100.0



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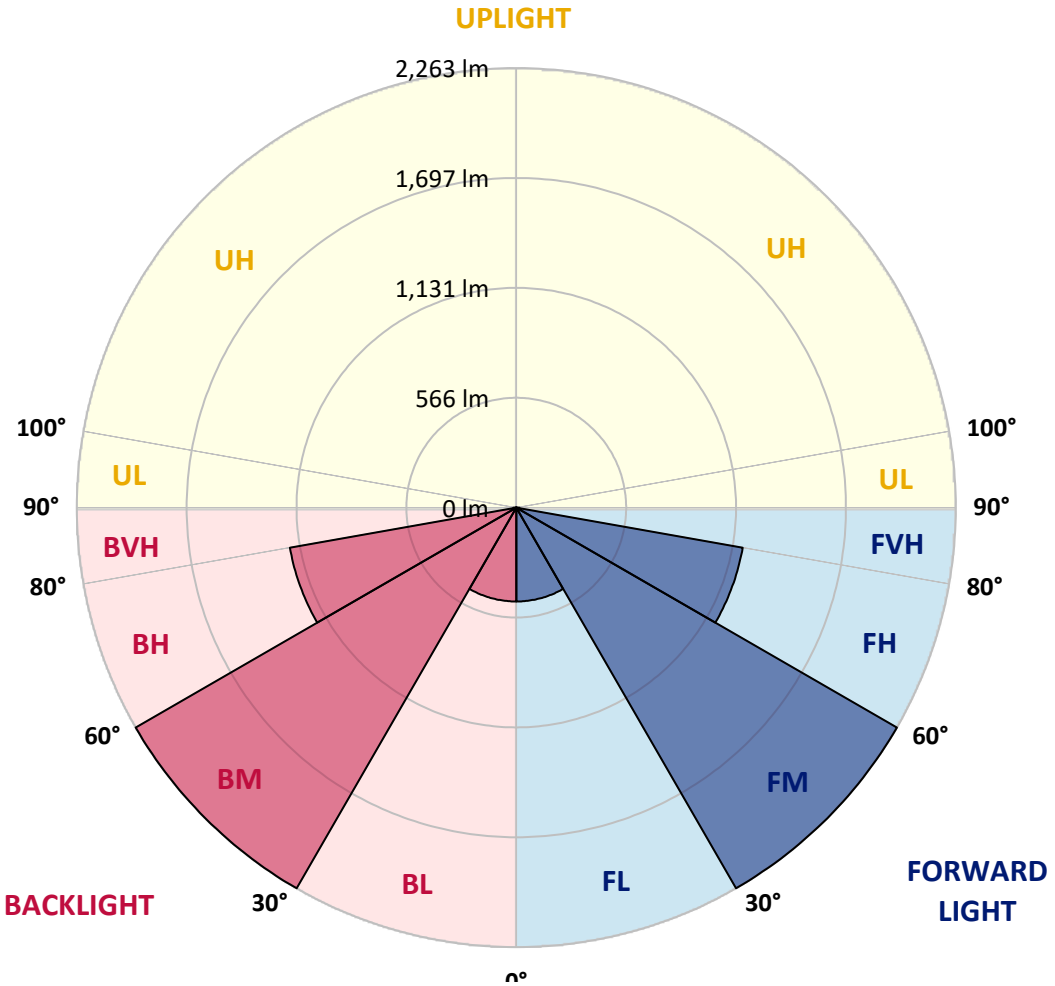
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	482.9	6.1			
FM	(30°-60°)	2262.6	28.7			
FH	(60°-80°)	1183.5	15.0			G1/1800
FVH	(80°-90°)	15.5	0.2			G1/100
BL	(0°-30°)	482.9	6.1	B1/500		
BM	(30°-60°)	2262.6	28.7	B2/2500		
BH	(60°-80°)	1183.5	15.0	B3/2500		G1/1800
BVH	(80°-90°)	15.5	0.2			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°	938.9	938.9	938.9	938.9	938.9	*938.9*	938.9	938.9	938.9	938.9	938.9
2.5°	945.2	942.0	944.4	942.4	940.8	*939.3*	940.1	942.8	944.0	944.4	944.4
5°	957.9	955.1	956.3	956.3	953.5	*952.7*	953.1	955.1	957.5	957.5	957.5
7.5°	978.5	975.7	978.5	976.9	974.5	*973.7*	973.3	974.9	978.5	978.5	977.3
10°	1003.4	1000.2	1001.8	1001.0	998.2	*997.1*	996.7	999.0	1002.2	1001.8	1001.0
12.5°	1030.7	1027.1	1029.1	1026.7	1025.9	*1024.8*	1024.8	1024.4	1026.3	1024.8	1025.6
15°	1061.2	1058.8	1059.6	1058.0	1059.2	*1058.4*	1055.2	1053.7	1054.4	1052.1	1052.5
17.5°	1097.2	1091.7	1094.4	1093.6	1093.6	*1095.2*	1090.1	1088.1	1089.7	1087.3	1089.3
20°	1138.8	1133.2	1134.4	1132.8	1130.8	*1132.4*	1126.1	1127.7	1128.9	1127.3	1130.8
22.5°	1184.3	1177.1	1176.8	1177.5	1173.2	*1173.6*	1169.2	1173.2	1175.6	1171.2	1175.6
25°	1231.0	1223.5	1228.6	1226.6	1221.1	*1222.3*	1219.1	1223.1	1225.0	1219.5	1225.8
27.5°	1280.5	1275.3	1280.1	1281.2	1274.5	*1279.3*	1274.5	1278.1	1280.1	1271.7	1278.1
30°	1338.2	1333.1	1337.5	1340.6	1332.7	*1340.2*	1336.3	1338.6	1339.0	1329.1	1335.1
32.5°	1401.2	1393.3	1404.3	1405.9	1397.2	*1406.3*	1401.2	1404.3	1406.3	1392.9	1402.0
35°	1478.0	1468.1	1480.7	1478.8	1471.2	*1478.8*	1474.0	1478.8	1483.5	1467.3	1477.2
37.5°	1560.7	1550.4	1563.9	1560.3	1553.2	*1558.3*	1555.5	1558.7	1566.2	1548.8	1559.5
40°	1651.7	1639.1	1657.3	1650.9	1644.2	*1643.4*	1645.0	1647.0	1656.9	1637.5	1643.8
42.5°	1749.1	1735.6	1763.0	1753.1	1743.6	*1737.2*	1742.4	1746.3	1755.8	1734.1	1745.5
45°	1860.3	1844.9	1880.5	1868.6	1853.6	*1840.5*	1848.8	1854.8	1868.6	1842.5	1856.0
47.5°	1983.0	1965.6	2003.6	2000.0	1975.5	*1947.0*	1966.0	1983.0	1993.3	1961.7	1972.3
50°	2103.0	2089.5	2139.4	2143.7	2113.6	*2073.7*	2100.2	2125.9	2128.7	2087.1	2092.3
52.5°	2215.4	2201.9	2274.3	2301.7	2274.7	*2227.2*	2255.3	2281.5	2260.5	2206.7	2208.2
55°	2305.2	2294.1	2386.4	2456.8	2465.9	*2426.7*	2443.4	2442.6	2373.7	2291.0	2293.7
57.5°	2327.0	2325.4	2441.8	2591.0	2686.0	*2690.7*	2657.9	2574.0	2425.5	2314.3	2307.2
60°	2228.0	2237.9	2397.8	2661.1	2914.4	*3019.7*	2877.6	2638.1	2366.6	2212.2	2194.0
62.5°	1932.0	1958.1	2150.9	2575.6	3098.8	*3398.1*	3053.7	2540.7	2124.3	1922.9	1911.0
65°	*1384.6*	*1430.1*	*1643.0*	*2198.0*	*3082.2*	*3730.5*	*3028.4*	*2180.1*	*1658.9*	*1426.5*	*1409.5*
67.5°	628.2	674.5	855.4	1504.9	2679.3	*3640.3*	2672.9	1520.7	898.1	676.8	666.9
70°	227.6	235.5	293.7	602.4	1712.3	*2900.5*	1785.5	606.8	312.3	250.9	247.8
72.5°	137.7	138.9	151.2	215.7	594.9	*1761.0*	620.2	222.8	154.4	137.0	139.3
75°	87.5	86.7	107.7	131.8	211.0	*594.1*	221.3	131.8	107.3	97.8	98.6
77.5°	62.9	64.9	77.2	98.6	133.0	*201.5*	130.6	94.2	77.2	63.3	64.5
80°	47.1	48.3	56.2	76.8	93.4	*125.5*	83.1	69.7	58.2	39.6	40.8
82.5°	34.0	34.0	36.8	55.8	57.0	*67.7*	45.1	49.1	38.4	28.1	28.1
85°	20.2	19.8	23.0	33.2	29.7	*24.9*	20.6	30.1	24.1	17.4	17.0
87.5°	7.1	7.5	7.1	9.5	7.9	*6.7*	6.3	8.3	6.7	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


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SS

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(END OF REPORT)