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: P1203370

Luminaire Tested: GWC-SB2C-735-U-5WQ

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203370
	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-SB2C-735-U-5WQ
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15146 lumens
Efficiency:	N/A
Efficacy:	150.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B4 - U0 - G2

Input Watts (W):	100.9
Input Voltage (V):	120.0
Input Current (Ain):	0.857
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.472
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

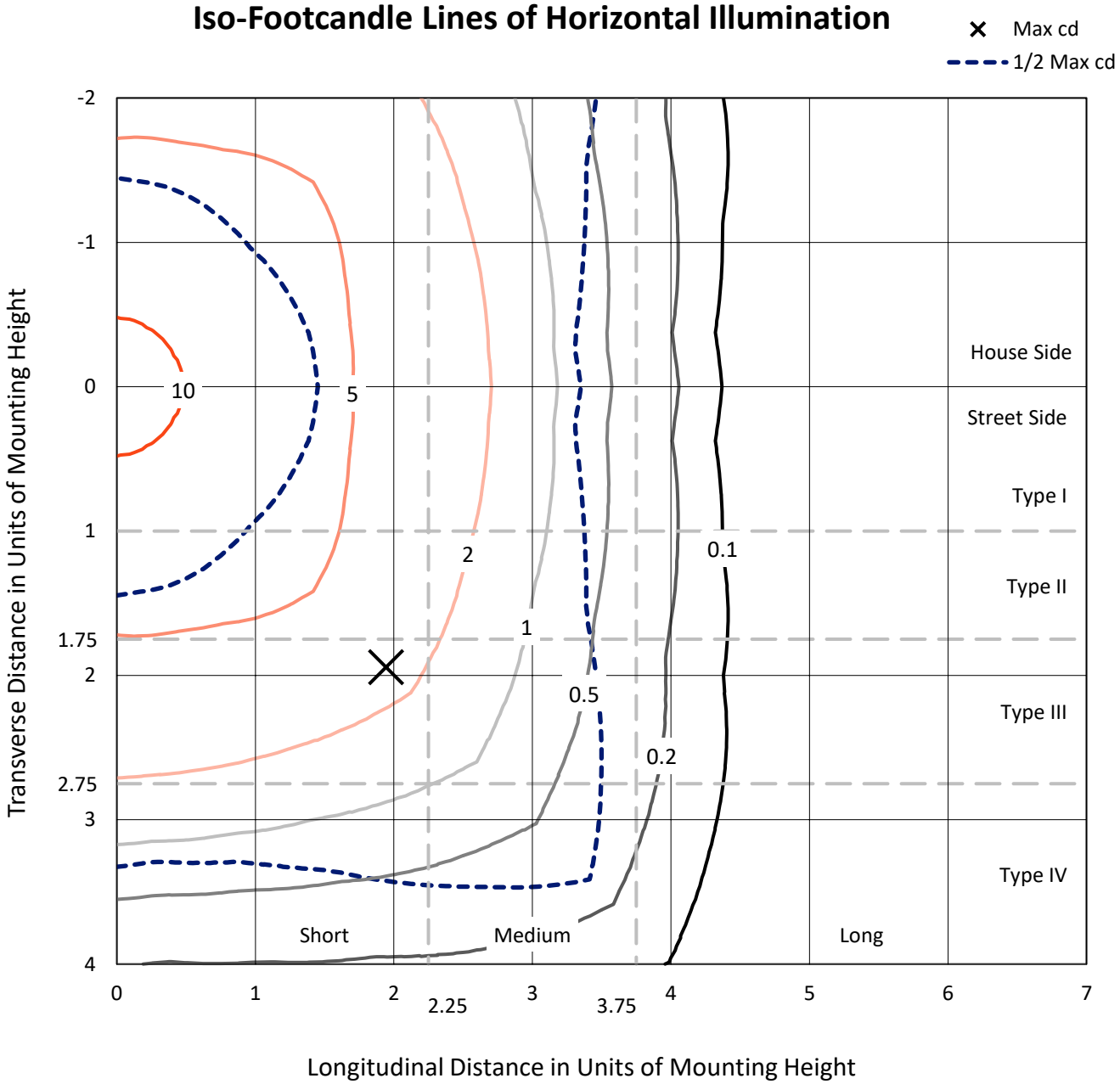


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Iso-Footcandle Lines of Horizontal Illumination



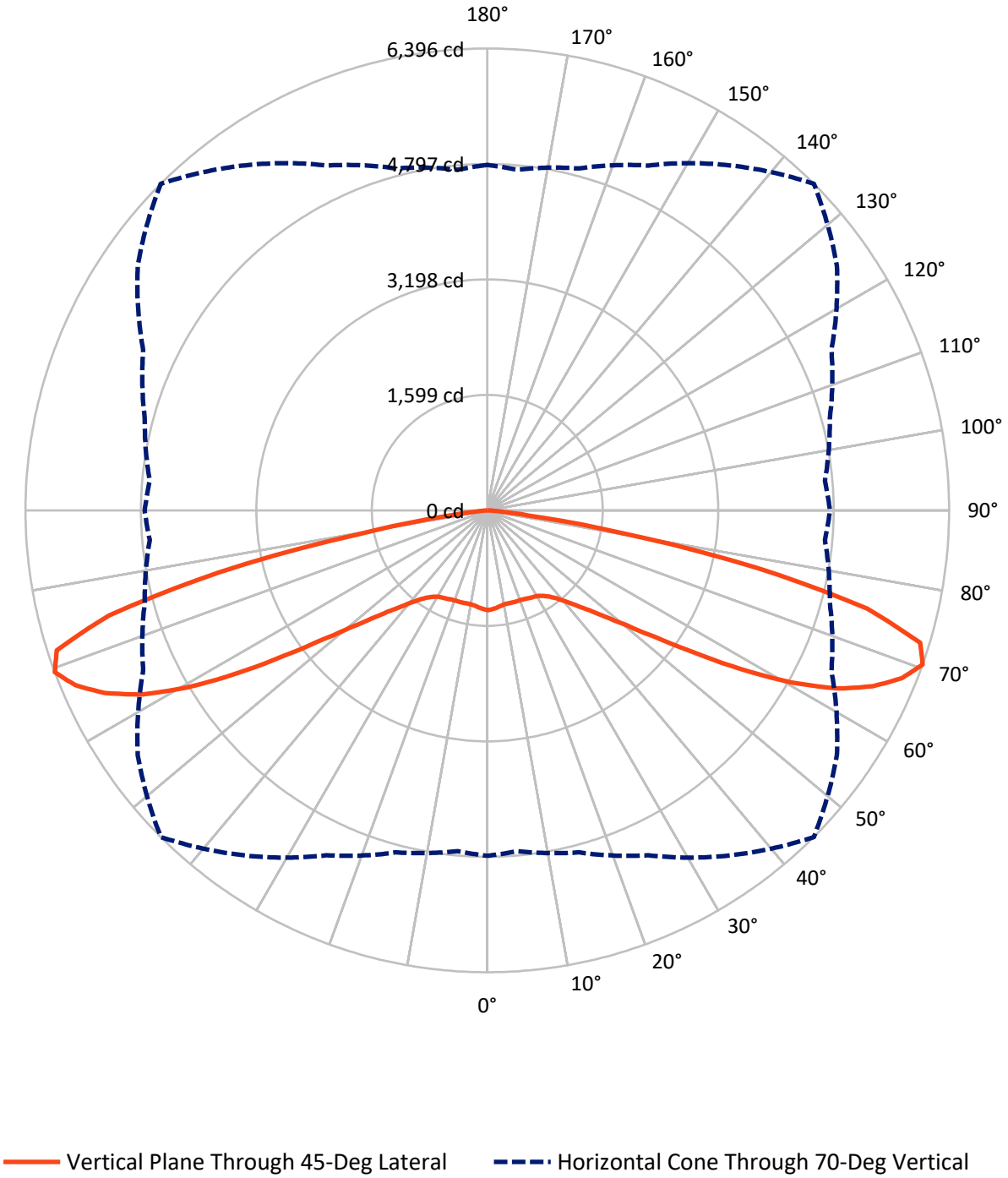
Based on 10 foot mounting height. Maximum calculated value = 13.8 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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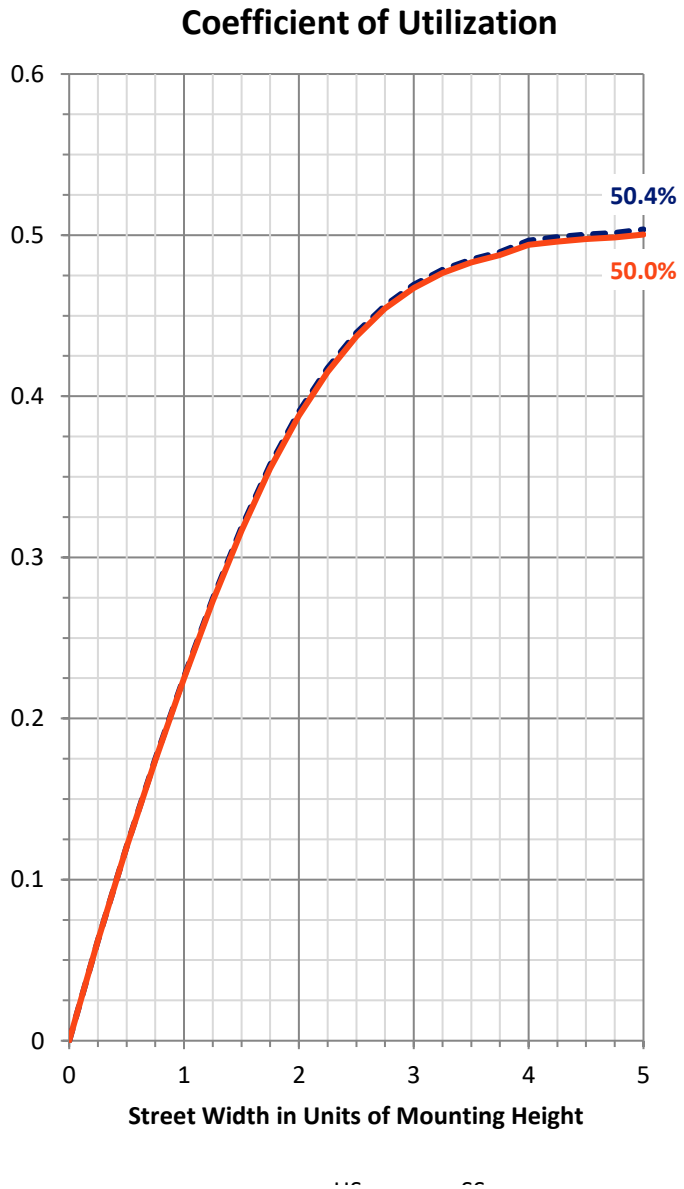
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7573.0	0.0	7573.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	7573.0	0.0	7573.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	15146.0	0.0	15146.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	128.5	0.8
10°-20°	377.4	2.5
20°-30°	628.0	4.1
30°-40°	949.7	6.3
40°-50°	1578.2	10.4
50°-60°	2978.1	19.7
60°-70°	5028.6	33.2
70°-80°	3304.3	21.8
80°-90°	173.1	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°	15146.0	100.0
0°-180°	15146.0	100.0



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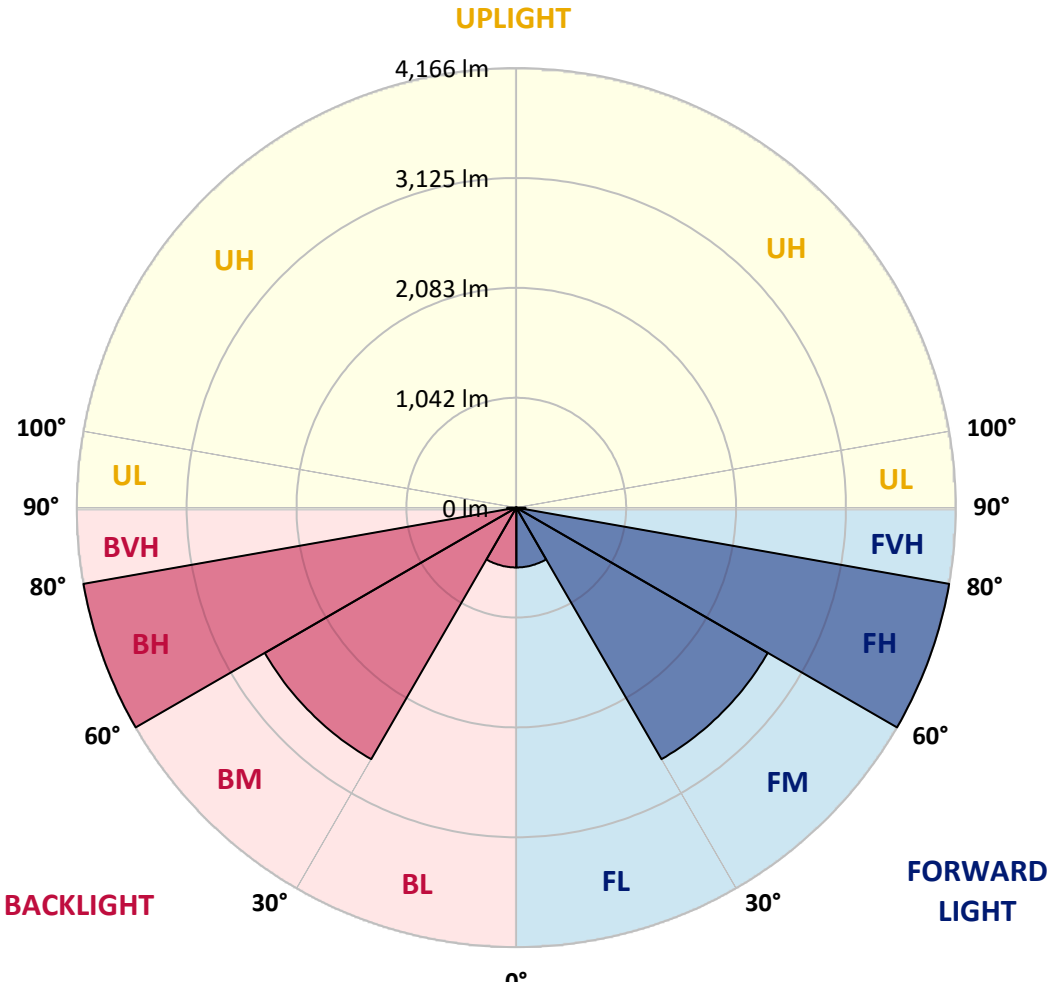
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	567.0	3.7			
FM	(30°-60°)	2753.0	18.2			
FH	(60°-80°)	4166.5	27.5			G2/5000
FVH	(80°-90°)	86.6	0.6			G1/100
BL	(0°-30°)	567.0	3.7	B2/1000		
BM	(30°-60°)	2753.0	18.2	B3/5000		
BH	(60°-80°)	4166.5	27.5	B4/5000		G2/5000
BVH	(80°-90°)	86.6	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°	1381.6	1381.6	1381.6	1381.6	1381.6	*1381.6*	1381.6	1381.6	1381.6	1381.6	1381.6
2.5°	1373.0	1376.9	1375.3	1372.2	1372.2	*1369.8*	1372.2	1373.7	1376.1	1377.7	1376.9
5°	1354.9	1358.0	1357.2	1354.9	1355.6	*1353.3*	1354.9	1357.2	1358.8	1359.6	1359.6
7.5°	1339.1	1342.3	1340.7	1336.7	1336.7	*1334.4*	1335.2	1337.5	1339.9	1340.7	1340.7
10°	1335.2	1338.3	1333.6	1327.3	1324.9	*1321.8*	1322.6	1324.9	1329.7	1332.0	1332.0
12.5°	1336.7	1339.1	1334.4	1324.9	1322.6	*1319.4*	1319.4	1321.8	1328.1	1331.2	1332.0
15°	1341.5	1343.8	1336.7	1326.5	1324.2	*1321.8*	1321.0	1324.2	1331.2	1336.7	1337.5
17.5°	1350.1	1352.5	1341.5	1327.3	1324.2	*1324.9*	1324.2	1326.5	1337.5	1347.8	1347.8
20°	1358.0	1359.6	1344.6	1327.3	1324.2	*1324.9*	1324.2	1328.9	1343.0	1357.2	1358.0
22.5°	1360.4	1361.9	1347.8	1332.8	1330.4	*1331.2*	1330.4	1335.2	1348.6	1362.7	1362.7
25°	1361.2	1363.5	1352.5	1340.7	1344.6	*1346.2*	1344.6	1345.4	1355.6	1368.2	1367.4
27.5°	1373.0	1376.1	1365.9	1355.6	1358.0	*1357.2*	1359.6	1361.9	1369.8	1382.4	1379.3
30°	1397.4	1399.7	1391.1	1380.8	1379.3	*1373.7*	1380.8	1388.7	1397.4	1408.4	1406.0
32.5°	1437.5	1442.2	1431.2	1420.2	1413.1	*1410.0*	1415.5	1428.9	1440.7	1452.5	1447.7
35°	1504.4	1507.6	1497.3	1476.9	1464.3	*1464.3*	1469.0	1486.3	1505.2	1520.2	1514.7
37.5°	1598.9	1602.8	1584.7	1560.3	1541.4	*1541.4*	1547.7	1565.8	1594.2	1615.4	1607.6
40°	1713.8	1719.3	1696.5	1671.3	1653.2	*1650.1*	1657.9	1678.4	1705.2	1731.9	1723.3
42.5°	1852.4	1858.7	1828.8	1806.7	1792.6	*1792.6*	1796.5	1815.4	1839.8	1872.9	1870.5
45°	2029.5	2040.5	1999.6	1977.6	1964.2	*1967.3*	1969.7	1986.2	2008.3	2046.1	2044.5
47.5°	2240.5	2251.5	2208.2	2185.4	2183.0	*2198.0*	2188.5	2200.4	2212.2	2255.5	2242.9
50°	2479.8	2498.7	2468.8	2467.2	2472.0	*2499.5*	2477.5	2483.8	2470.4	2497.9	2481.4
52.5°	2772.7	2800.2	2794.7	2804.2	2856.9	*2913.6*	2863.2	2841.2	2790.8	2799.5	2770.3
55°	3127.7	3169.5	3177.3	3234.0	3353.7	*3469.4*	3362.3	3273.4	3166.3	3146.6	3115.9
57.5°	3531.6	3564.7	3602.4	3718.2	3941.8	*4147.2*	3941.8	3744.9	3576.5	3536.3	3508.0
60°	3966.2	4007.1	4043.3	4214.1	4546.4	*4835.3*	4540.1	4227.5	4004.7	3950.4	3903.2
62.5°	4433.0	4485.7	4510.9	4700.7	5088.0	*5432.8*	5093.5	4714.8	4467.6	4409.4	4362.1
65°	4880.9	4924.2	4952.6	5154.9	5524.9	*5870.5*	5550.1	5176.9	4922.7	4846.3	4808.5
67.5°	5089.6	5113.2	5182.5	5411.5	5802.0	*6196.4*	5868.1	5435.9	5151.8	5017.9	5019.5
70°	*4784.1*	*4736.1*	*4903.0*	*5269.8*	*5835.1*	*6396.4*	*5910.7*	*5258.8*	*4910.9*	*4693.6*	*4745.5*
72.5°	3696.9	3614.3	3904.0	4531.4	5457.2	*6268.9*	5495.0	4566.8	4084.2	3643.4	3752.8
75°	2011.4	1917.7	2317.7	3111.2	4351.9	*5433.6*	4451.9	3200.2	2580.6	1996.5	2126.4
77.5°	567.6	532.2	855.0	1505.2	2617.6	*3815.0*	2718.4	1538.3	1014.0	601.5	668.4
80°	174.0	168.5	228.3	453.5	1111.6	*1827.2*	1068.3	459.0	290.5	183.4	193.7
82.5°	103.1	94.5	113.4	165.3	283.4	*573.9*	275.5	172.4	138.6	92.9	100.8
85°	59.0	55.1	66.9	80.3	95.3	*122.0*	79.5	81.9	74.0	49.6	52.0
87.5°	24.4	22.0	26.0	25.2	22.0	*28.3*	21.3	25.2	29.9	19.7	18.1
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)