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: P1202994

Luminaire Tested: GWC-SB2B-735-U-5MQ

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202994
	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-SB2B-735-U-5MQ
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V MEDIUM OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11791 lumens
Efficiency:	N/A
Efficacy:	159.6 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):	73.9
Input Voltage (V):	120.0
Input Current (Ain):	0.627
Voltage Rise (V):	NR
Power Factor:	0.988
Total Harmonic Distortion (THDi):	13.593
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

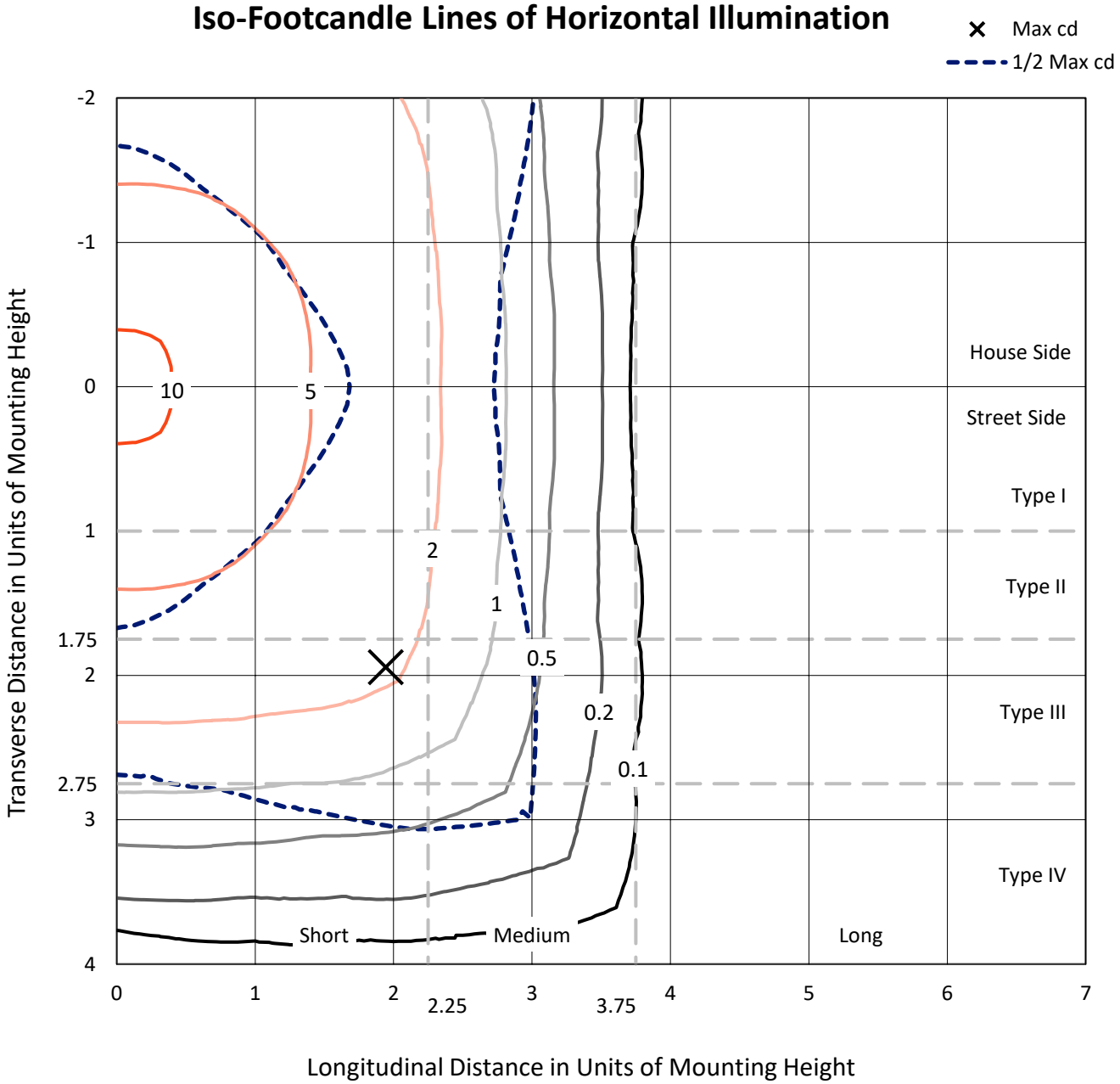


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Iso-Footcandle Lines of Horizontal Illumination



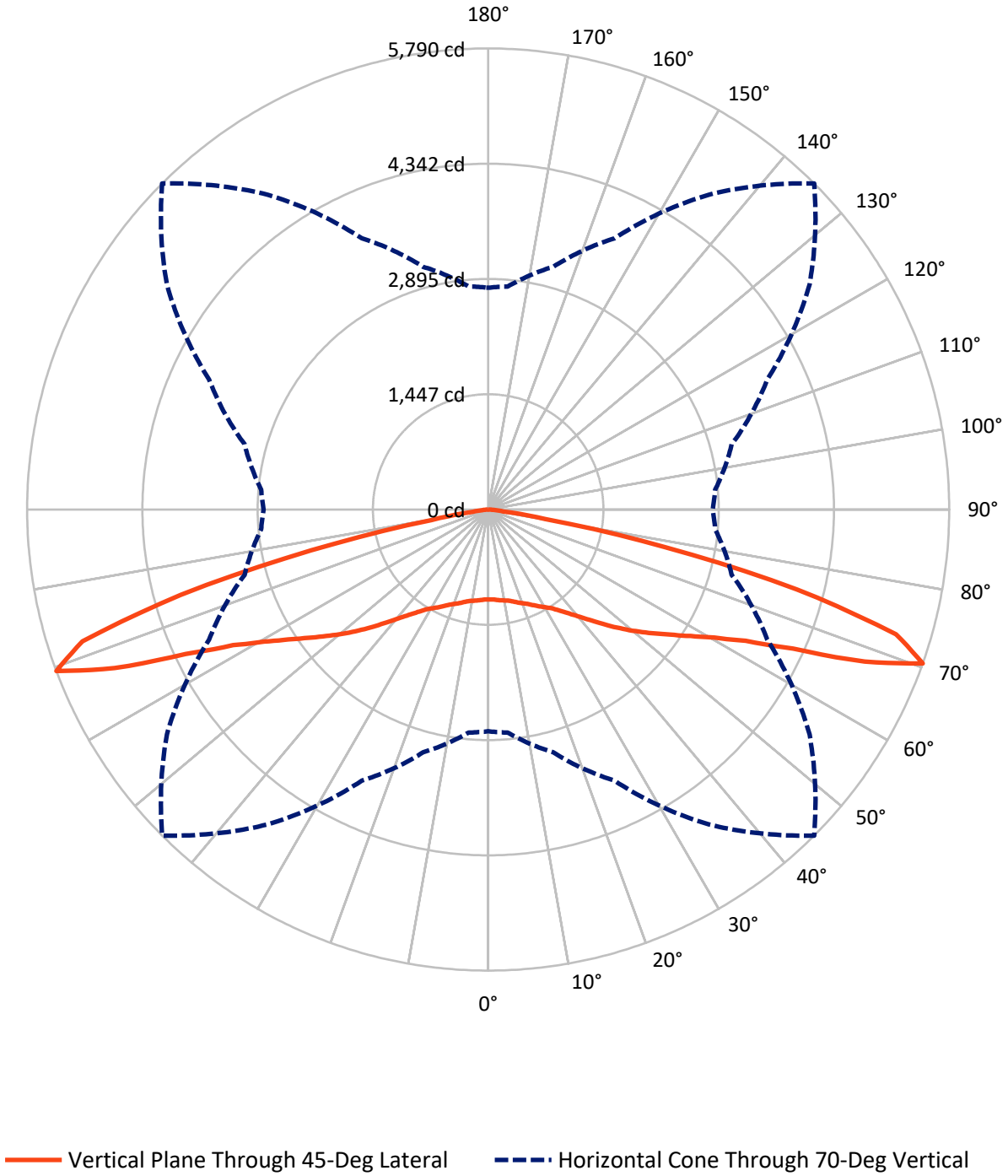
Based on 10 foot mounting height. Maximum calculated value = 11.3 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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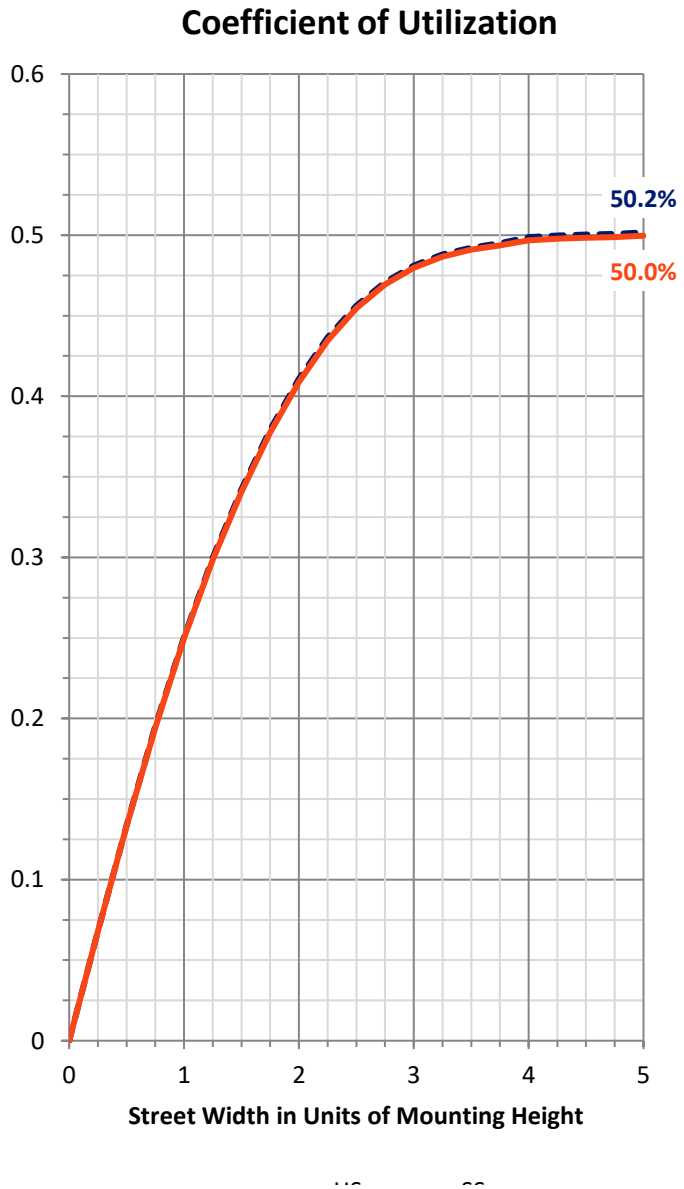
REPORT NUMBER: P1202994
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5895.5	0.0	5895.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5895.5	0.0	5895.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	11791.0	0.0	11791.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	109.7	0.9
10°-20°	340.3	2.9
20°-30°	608.1	5.2
30°-40°	985.7	8.4
40°-50°	1605.5	13.6
50°-60°	2447.8	20.8
60°-70°	3641.6	30.9
70°-80°	1984.8	16.8
80°-90°	67.6	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°	11791.0	100.0
0°-180°	11791.0	100.0



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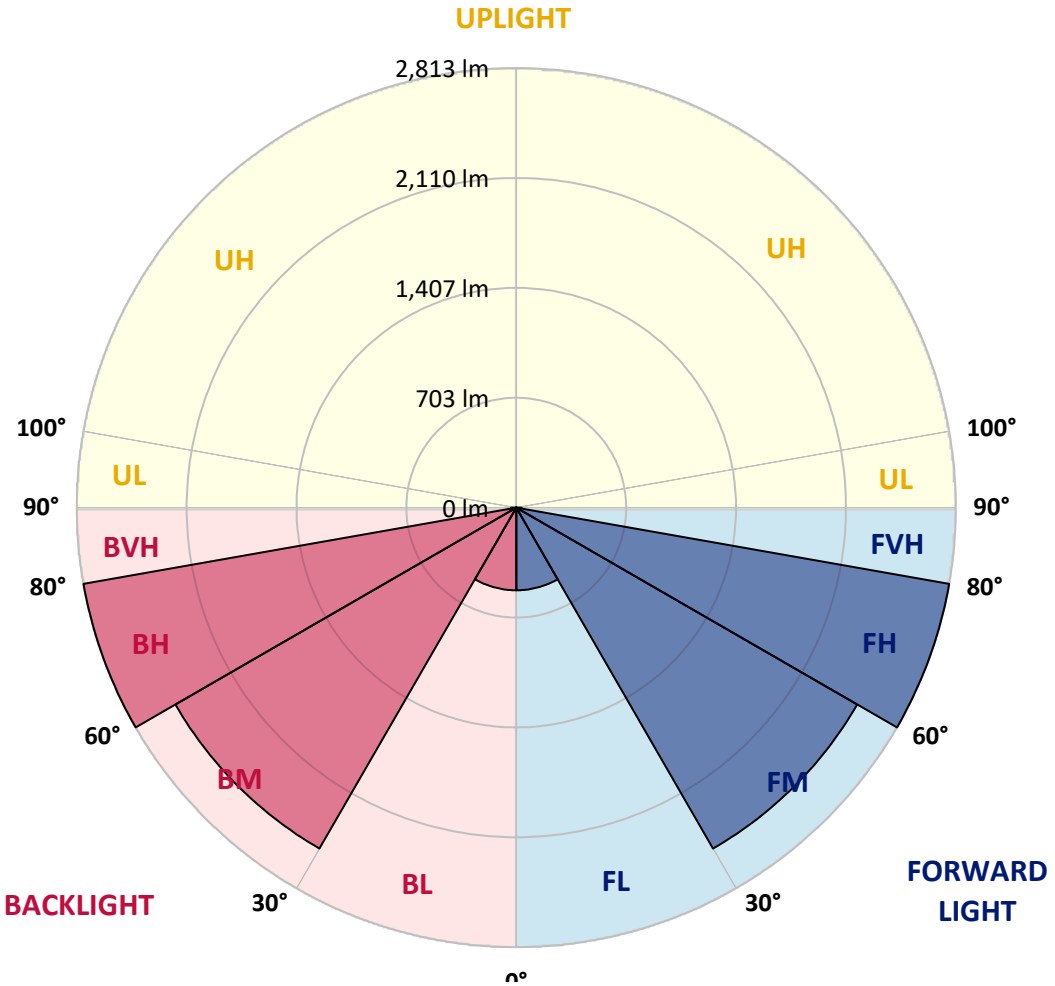
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	529.0	4.5			
FM	(30°-60°)	2519.5	21.4			
FH	(60°-80°)	2813.2	23.9			G2/5000
FVH	(80°-90°)	33.8	0.3			G1/100
BL	(0°-30°)	529.0	4.5	B2/1000		
BM	(30°-60°)	2519.5	21.4	B3/5000		
BH	(60°-80°)	2813.2	23.9	B4/5000		G2/5000
BVH	(80°-90°)	33.8	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°	1129.5	1129.5	1129.5	1129.5	1129.5	*1129.5*	1129.5	1129.5	1129.5	1129.5	1129.5
2.5°	1134.8	1136.0	1133.6	1132.4	1131.2	*1129.5*	1130.0	1133.0	1135.4	1134.8	1135.4
5°	1144.3	1145.4	1143.7	1143.1	1140.7	*1140.1*	1140.1	1143.1	1144.8	1143.7	1144.3
7.5°	1154.9	1156.7	1153.7	1153.1	1152.0	*1150.8*	1150.2	1153.1	1154.9	1154.9	1154.9
10°	1165.0	1166.7	1164.4	1162.6	1161.4	*1161.4*	1160.2	1162.6	1165.6	1165.0	1165.0
12.5°	1175.6	1176.8	1174.4	1173.3	1173.3	*1175.0*	1173.3	1174.4	1176.8	1175.6	1175.0
15°	1188.7	1189.2	1188.7	1190.4	1193.4	*1199.3*	1194.0	1192.8	1194.0	1191.0	1191.0
17.5°	1206.4	1207.6	1210.0	1214.1	1218.2	*1228.9*	1219.4	1216.5	1216.5	1210.6	1210.6
20°	1228.3	1230.1	1233.6	1240.7	1246.1	*1256.1*	1246.7	1242.5	1240.7	1233.0	1233.0
22.5°	1251.4	1254.4	1259.7	1269.2	1278.6	*1288.1*	1278.6	1271.5	1266.2	1256.1	1255.5
25°	1278.0	1281.6	1289.9	1305.3	1318.3	*1331.9*	1320.7	1306.5	1295.8	1281.6	1281.0
27.5°	1315.9	1320.1	1330.1	1349.1	1365.6	*1377.5*	1366.8	1348.5	1333.7	1316.5	1315.9
30°	1369.2	1373.3	1385.2	1405.3	1416.6	*1424.3*	1417.1	1402.9	1385.2	1365.6	1365.6
32.5°	1437.9	1443.2	1456.2	1475.2	1477.5	*1478.7*	1476.3	1469.2	1456.2	1432.5	1433.1
35°	1524.9	1530.8	1545.6	1561.0	1558.6	*1561.0*	1557.4	1555.1	1545.6	1518.4	1518.4
37.5°	1631.4	1638.5	1653.9	1665.8	1659.9	*1656.9*	1657.5	1658.1	1652.7	1622.6	1622.6
40°	1755.2	1764.6	1775.9	1788.3	1778.2	*1769.4*	1775.3	1780.0	1775.3	1744.5	1744.5
42.5°	1882.4	1896.0	1907.9	1925.6	1917.4	*1906.1*	1914.4	1919.7	1909.7	1876.5	1878.9
45°	2023.9	2036.9	2052.3	2079.0	2073.0	*2061.2*	2073.0	2074.2	2057.1	2018.0	2022.1
47.5°	2170.1	2183.7	2206.8	2242.3	2240.0	*2226.9*	2242.3	2234.0	2212.1	2165.4	2162.4
50°	2308.6	2327.6	2363.1	2412.8	2417.6	*2401.6*	2422.3	2406.3	2369.6	2311.0	2309.8
52.5°	2438.9	2459.0	2515.2	2582.7	2599.9	*2579.2*	2607.0	2579.2	2524.1	2448.9	2441.8
55°	2575.6	2598.1	2665.0	2753.2	2787.5	*2772.1*	2798.2	2756.2	2678.0	2586.9	2574.4
57.5°	2736.6	2750.2	2830.2	2934.9	2992.9	*2996.5*	3008.3	2937.3	2842.6	2739.0	2724.8
60°	2911.2	2930.2	3017.2	3142.7	3234.5	*3264.1*	3251.6	3146.3	3036.2	2917.2	2898.2
62.5°	3135.0	3155.7	3259.9	3410.3	3555.3	*3628.7*	3580.2	3427.4	3291.3	3148.6	3123.8
65°	3320.3	3343.4	3531.6	3799.8	4063.8	*4211.2*	4089.2	3808.1	3563.0	3361.7	3328.6
67.5°	3185.9	3214.3	3509.7	4002.2	4658.7	*5098.5*	4681.2	4062.6	3582.5	3309.6	3268.8
70°	*2784.6*	*2811.2*	*3155.7*	*3757.7*	*4826.2*	*5789.9*	*4926.9*	*3868.4*	*3167.0*	*2861.5*	*2820.7*
72.5°	1848.7	1934.5	2283.2	3005.4	4309.5	*5357.8*	4352.1	2944.4	2118.0	1844.5	1784.8
75°	613.3	681.9	919.9	1558.0	2886.4	*4007.0*	2747.9	1378.7	728.7	524.5	496.1
77.5°	154.5	178.2	245.7	445.7	1151.4	*2281.4*	1036.5	364.1	198.3	138.5	123.7
80°	75.2	82.9	118.4	148.6	288.3	*725.1*	270.5	139.7	93.5	72.2	66.3
82.5°	41.4	42.0	66.9	84.1	107.1	*187.7*	111.3	81.7	53.9	43.8	43.8
85°	25.5	24.9	35.5	45.0	45.0	*66.9*	53.3	45.0	30.8	27.2	28.4
87.5°	10.1	10.1	13.0	14.2	12.4	*17.2*	13.6	14.8	11.8	11.2	11.8
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)