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: P1202995

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

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202995
	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-SB2B-735-U-5NQ
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V NARROW OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11798 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:	B3 - U0 - G1

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

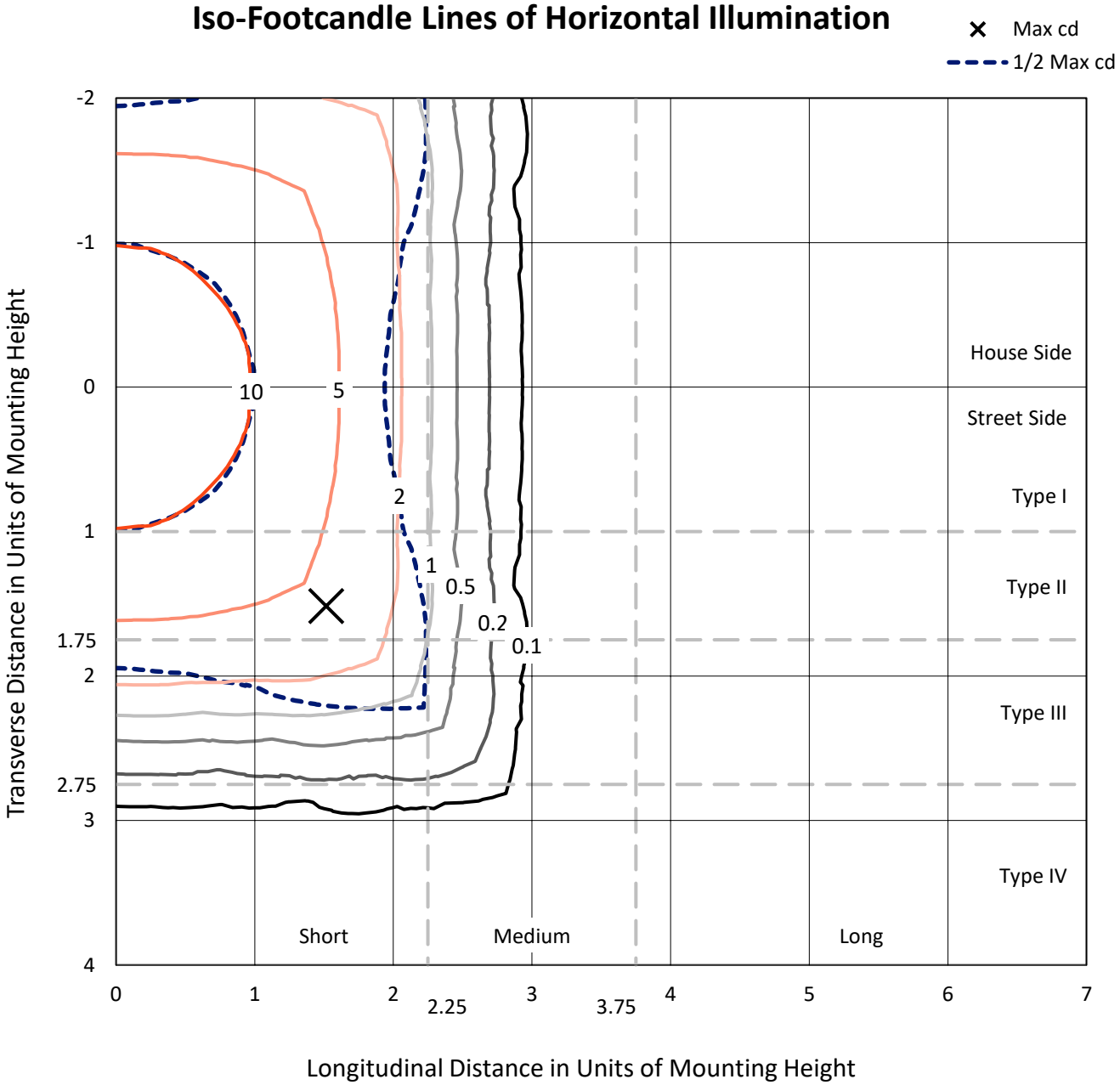


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Iso-Footcandle Lines of Horizontal Illumination



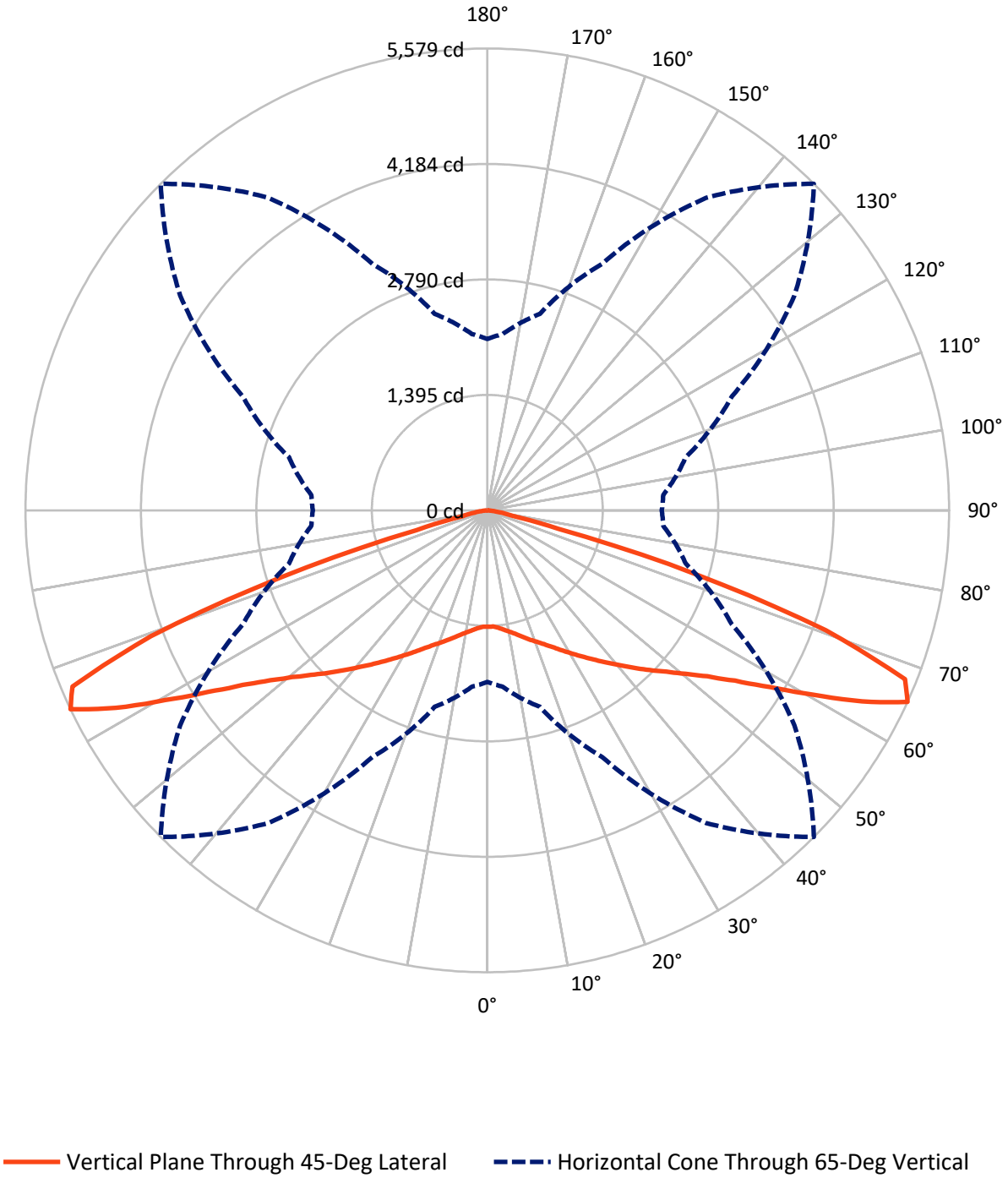
Based on 10 foot mounting height. Maximum calculated value = 14.3 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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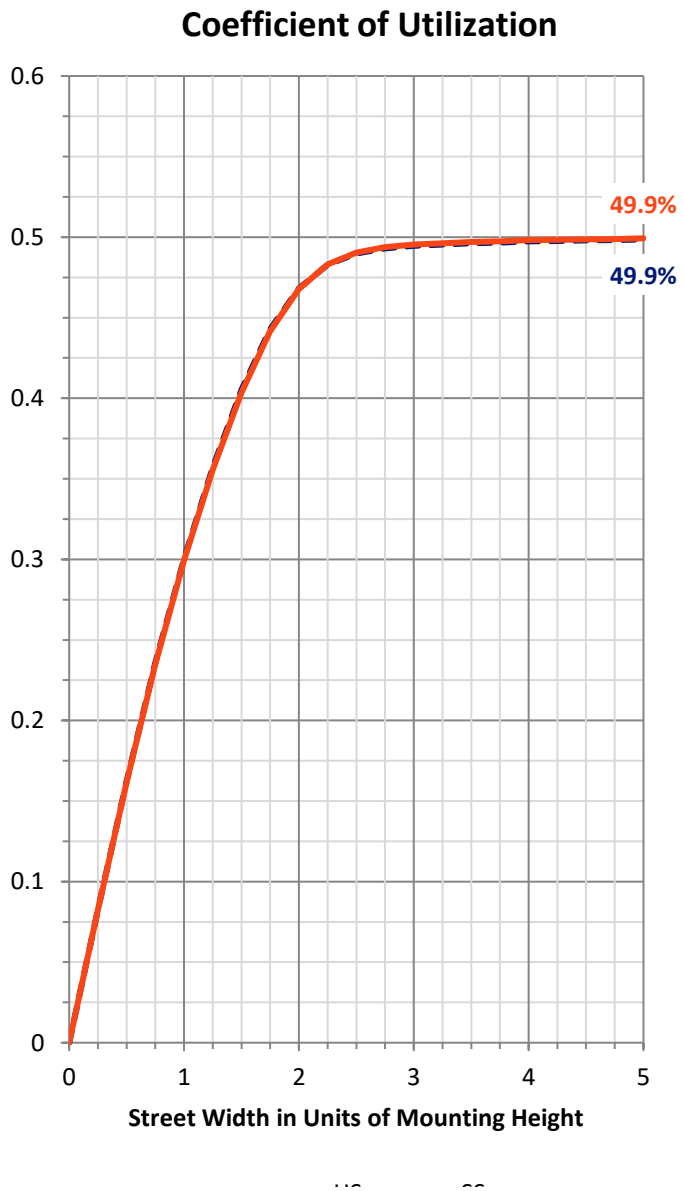
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5899.0	0.0	5899.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5899.0	0.0	5899.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	11798.0	0.0	11798.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	138.6	1.2
10°-20°	452.2	3.8
20°-30°	853.7	7.2
30°-40°	1398.0	11.8
40°-50°	2167.5	18.4
50°-60°	3201.9	27.1
60°-70°	3047.9	25.8
70°-80°	491.8	4.2
80°-90°	46.4	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°	11798.0	100.0
0°-180°	11798.0	100.0



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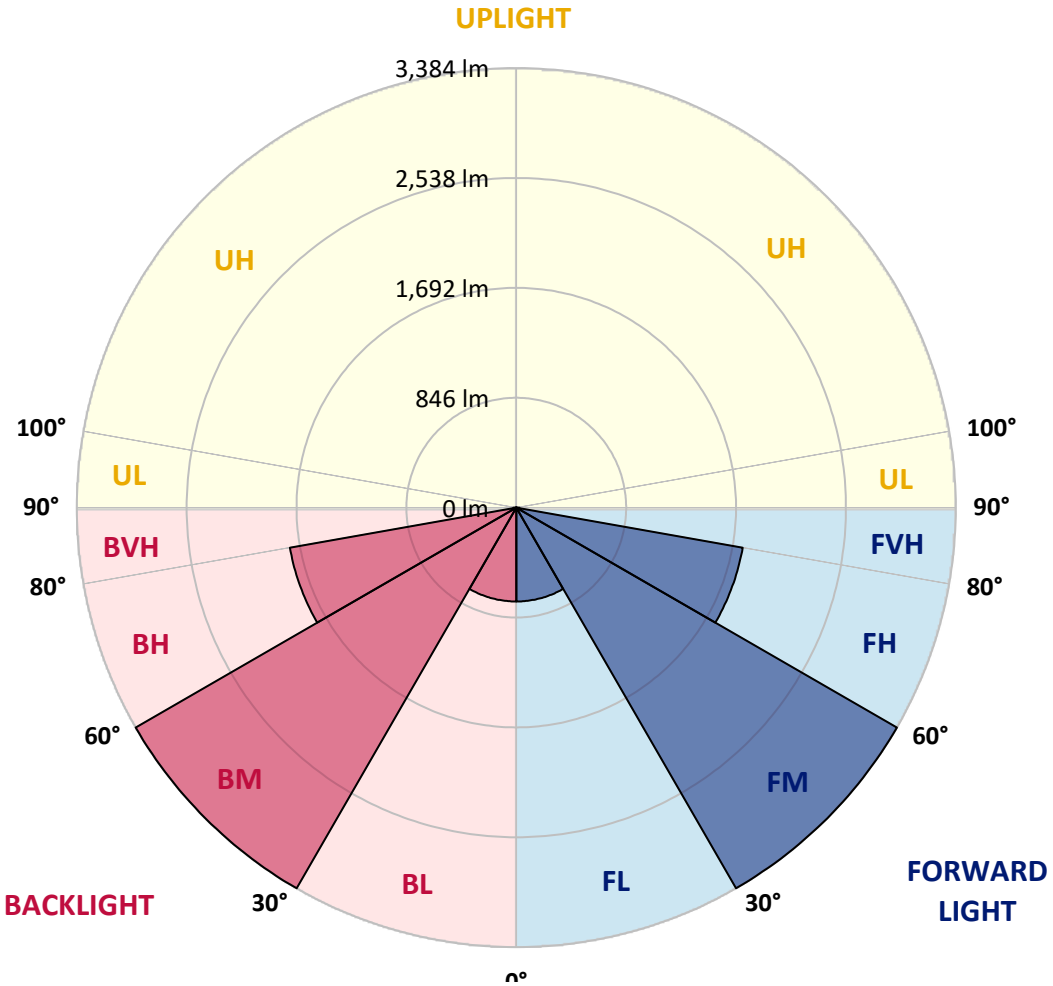
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	722.2	6.1			
FM	(30°-60°)	3383.7	28.7			
FH	(60°-80°)	1769.9	15.0			G1/1800
FVH	(80°-90°)	23.2	0.2			G1/100
BL	(0°-30°)	722.2	6.1	B2/1000		
BM	(30°-60°)	3383.7	28.7	B3/5000		
BH	(60°-80°)	1769.9	15.0	B3/2500		G1/1800
BVH	(80°-90°)	23.2	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°	1404.1	1404.1	1404.1	1404.1	1404.1	*1404.1*	1404.1	1404.1	1404.1	1404.1	1404.1
2.5°	1413.6	1408.8	1412.4	1409.4	1407.0	*1404.7*	1405.9	1410.0	1411.8	1412.4	1412.4
5°	1432.5	1428.3	1430.1	1430.1	1426.0	*1424.8*	1425.4	1428.3	1431.9	1431.9	1431.9
7.5°	1463.3	1459.1	1463.3	1460.9	1457.4	*1456.2*	1455.6	1457.9	1463.3	1463.3	1461.5
10°	1500.6	1495.8	1498.2	1497.0	1492.9	*1491.1*	1490.5	1494.1	1498.8	1498.2	1497.0
12.5°	1541.4	1536.1	1539.0	1535.5	1534.3	*1532.5*	1532.5	1531.9	1534.9	1532.5	1533.7
15°	1587.0	1583.4	1584.6	1582.3	1584.0	*1582.8*	1578.1	1575.7	1576.9	1573.4	1574.0
17.5°	1640.9	1632.6	1636.7	1635.5	1635.5	*1637.9*	1630.2	1627.2	1629.6	1626.1	1629.0
20°	1703.0	1694.7	1696.5	1694.1	1691.2	*1693.5*	1684.1	1686.4	1688.2	1685.8	1691.2
22.5°	1771.1	1760.4	1759.8	1761.0	1754.5	*1755.1*	1748.6	1754.5	1758.1	1751.5	1758.1
25°	1840.9	1829.7	1837.4	1834.4	1826.1	*1827.9*	1823.2	1829.1	1832.1	1823.8	1833.2
27.5°	1914.9	1907.2	1914.3	1916.1	1906.0	*1913.1*	1906.0	1911.4	1914.3	1901.9	1911.4
30°	2001.3	1993.7	2000.2	2004.9	1993.1	*2004.3*	1998.4	2001.9	2002.5	1987.7	1996.6
32.5°	2095.5	2083.6	2100.2	2102.6	2089.5	*2103.2*	2095.5	2100.2	2103.2	2083.0	2096.6
35°	2210.3	2195.5	2214.4	2211.5	2200.2	*2211.5*	2204.4	2211.5	2218.6	2194.3	2209.1
37.5°	2334.0	2318.6	2338.8	2333.4	2322.8	*2330.5*	2326.3	2331.1	2342.3	2316.3	2332.2
40°	2470.2	2451.2	2478.4	2469.0	2458.9	*2457.7*	2460.1	2463.1	2477.9	2448.9	2458.3
42.5°	2615.8	2595.7	2636.5	2621.7	2607.5	*2598.0*	2605.7	2611.6	2625.8	2593.3	2610.5
45°	2782.1	2759.0	2812.3	2794.5	2772.1	*2752.5*	2764.9	2773.8	2794.5	2755.5	2775.6
47.5°	2965.6	2939.6	2996.4	2991.1	2954.4	*2911.7*	2940.2	2965.6	2981.0	2933.7	2949.6
50°	3145.0	3124.8	3199.4	3205.9	3161.0	*3101.2*	3140.8	3179.3	3183.4	3121.3	3129.0
52.5°	3313.1	3293.0	3401.3	3442.1	3401.9	*3330.8*	3372.9	3411.9	3380.6	3300.1	3302.4
55°	3447.5	3430.9	3568.8	3674.2	3687.8	*3629.2*	3654.0	3652.9	3549.9	3426.1	3430.3
57.5°	3480.0	3477.6	3651.7	3874.8	4016.9	*4024.0*	3974.9	3849.4	3627.4	3461.1	3450.4
60°	3332.0	3346.8	3586.0	3979.6	4358.4	*4515.9*	4303.4	3945.3	3539.2	3308.3	3281.1
62.5°	2889.3	2928.3	3216.6	3851.7	4634.3	*5081.8*	4566.8	3799.7	3176.9	2875.6	2857.9
65°	*2070.6*	*2138.7*	*2457.1*	*3287.0*	*4609.4*	*5579.0*	*4528.9*	*3260.4*	*2480.8*	*2133.3*	*2107.9*
67.5°	939.4	1008.7	1279.2	2250.6	4006.8	*5444.1*	3997.4	2274.2	1343.1	1012.2	997.4
70°	340.4	352.2	439.2	900.9	2560.7	*4337.7*	2670.2	907.4	467.0	375.3	370.6
72.5°	206.0	207.8	226.1	322.6	889.7	*2633.5*	927.6	333.3	230.9	204.8	208.4
75°	130.8	129.6	161.0	197.1	315.5	*888.5*	330.9	197.1	160.4	146.2	147.4
77.5°	94.1	97.1	115.4	147.4	198.9	*301.3*	195.3	140.9	115.4	94.7	96.5
80°	70.4	72.2	84.1	114.8	139.7	*187.6*	124.3	104.2	87.0	59.2	61.0
82.5°	50.9	50.9	55.1	83.5	85.2	*101.2*	67.5	73.4	57.4	42.0	42.0
85°	30.2	29.6	34.3	49.7	44.4	*37.3*	30.8	45.0	36.1	26.0	25.5
87.5°	10.7	11.2	10.7	14.2	11.8	*10.1*	9.5	12.4	10.1	8.9	8.3
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)