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: P1202997

Luminaire Tested: GWC-SB2B-735-U-RW

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202997
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-19)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2B-735-U-RW
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND RECTANGULAR WIDE OP
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11594 lumens
Efficiency:	N/A
Efficacy:	156.9 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B3 - U0 - G3

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

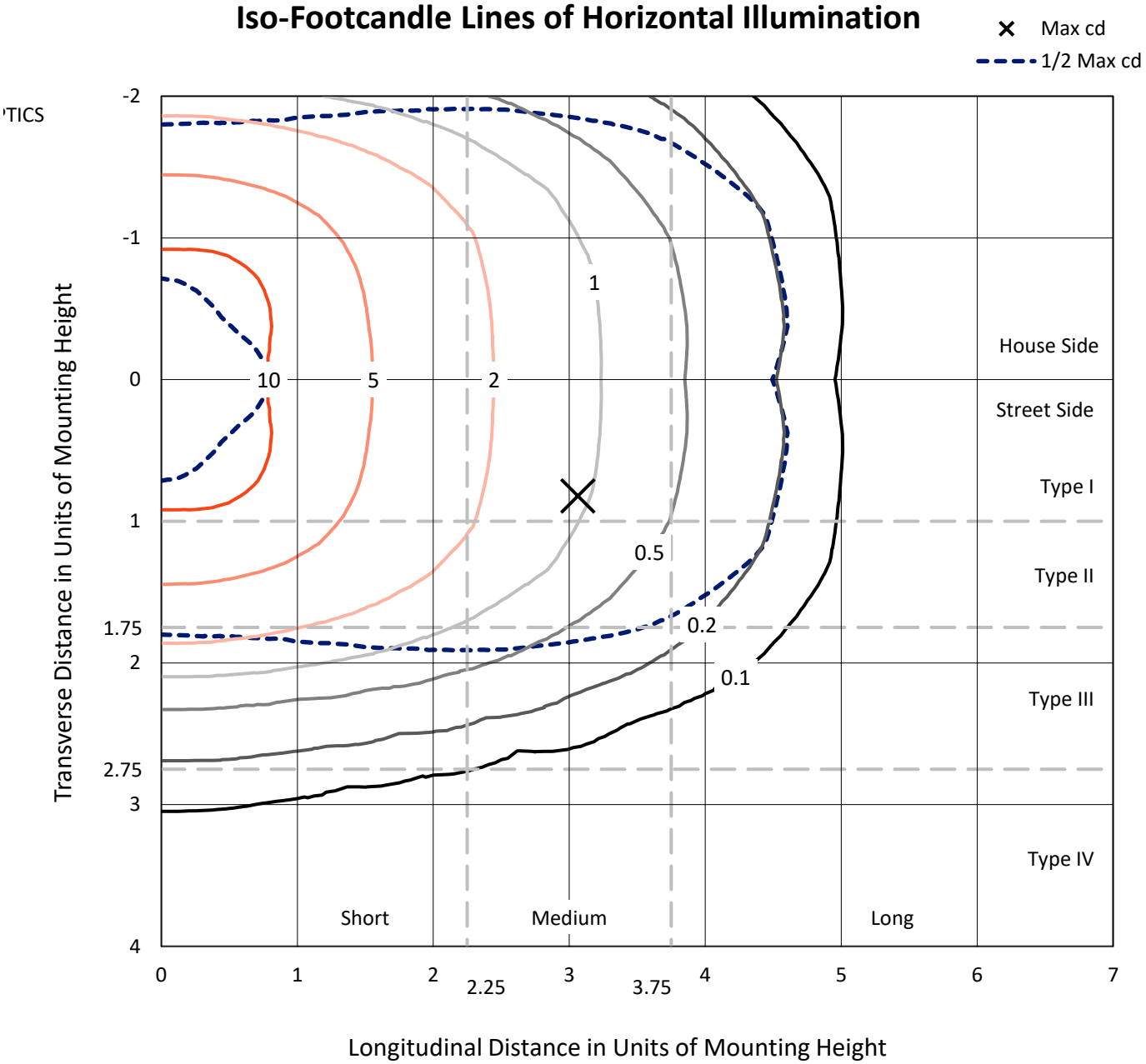


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Iso-Footcandle Lines of Horizontal Illumination



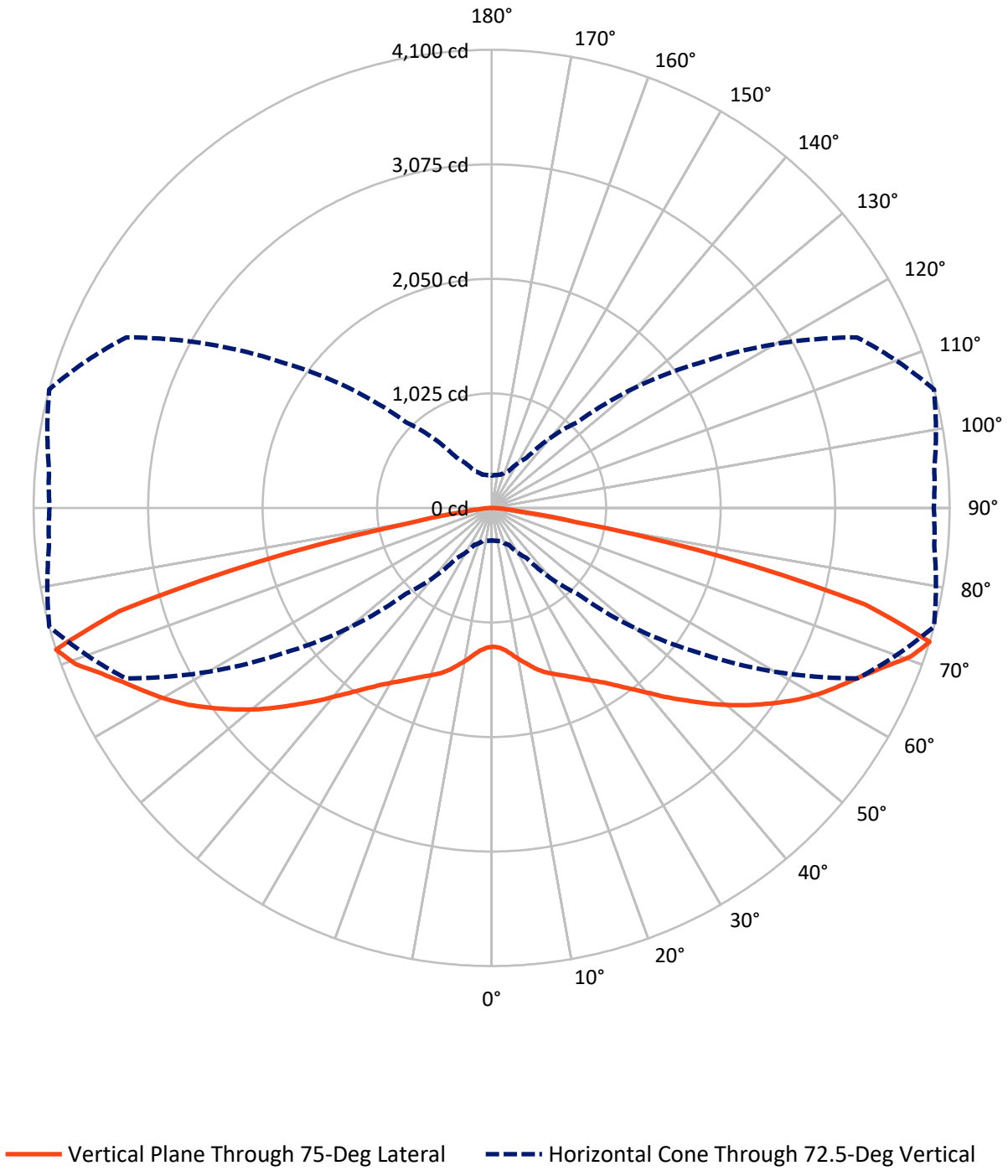
Based on 10 foot mounting height. Maximum calculated value = 13.6 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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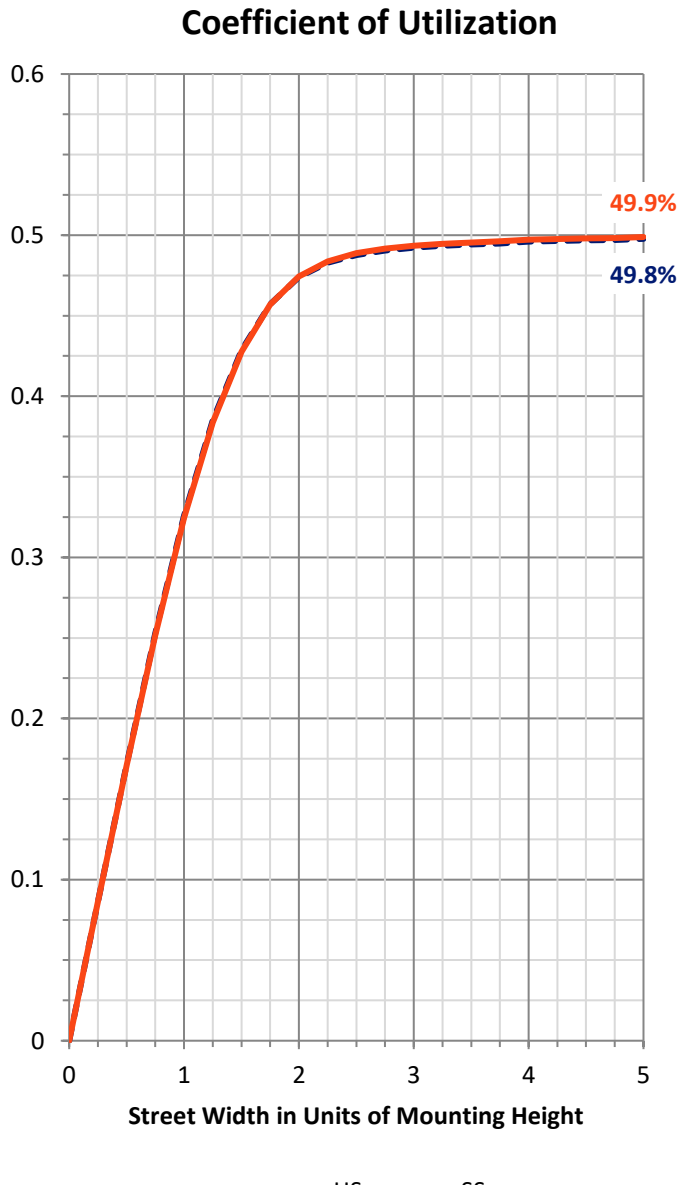
REPORT NUMBER: P1202997
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5797.0	0.0	5797.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5797.0	0.0	5797.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	11594.0	0.0	11594.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.7	1.0
10°-20°	401.3	3.5
20°-30°	775.3	6.7
30°-40°	1309.2	11.3
40°-50°	2076.2	17.9
50°-60°	2779.8	24.0
60°-70°	2645.5	22.8
70°-80°	1380.5	11.9
80°-90°	104.5	0.9
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°	11594.0	100.0
0°-180°	11594.0	100.0



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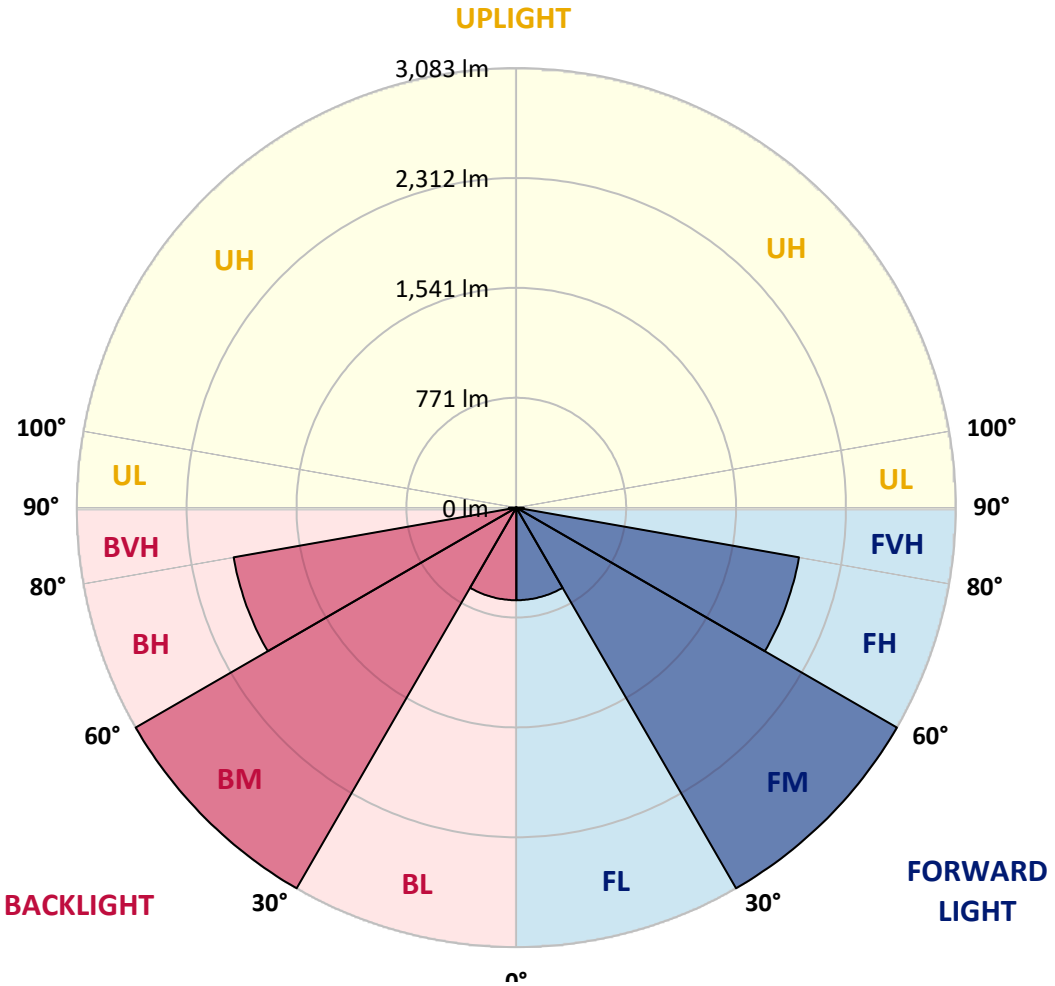
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	649.1	5.6			
FM	(30°-60°)	3082.6	26.6			
FH	(60°-80°)	2013.0	17.4			G2/5000
FVH	(80°-90°)	52.2	0.5			G1/100
BL	(0°-30°)	649.1	5.6	B2/1000		
BM	(30°-60°)	3082.6	26.6	B3/5000		
BH	(60°-80°)	2013.0	17.4	B3/2500		G3/2500
BVH	(80°-90°)	52.2	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1241.9	1241.9	1241.9	1241.9	1241.9	1241.9	1241.9	1241.9	*1241.9*	1241.9	1241.9
2.5°	1241.9	1240.7	1241.9	1243.1	1242.5	1242.5	1245.5	1247.3	*1250.8*	1250.2	1249.6
5°	1233.6	1233.0	1237.8	1243.1	1247.3	1254.4	1263.2	1269.7	*1278.0*	1279.8	1279.8
7.5°	1229.5	1227.7	1236.0	1245.5	1258.5	1276.3	1293.4	1311.2	*1325.4*	1330.1	1331.3
10°	1232.5	1233.0	1244.3	1262.1	1282.8	1307.6	1331.9	1362.1	*1382.2*	1387.0	1391.7
12.5°	1246.1	1244.9	1263.8	1292.2	1320.7	1352.0	1380.4	1413.6	*1435.5*	1446.7	1451.5
15°	1270.9	1268.6	1295.2	1337.2	1378.7	1415.4	1438.5	1469.8	*1495.3*	1509.5	1514.8
17.5°	1300.5	1301.7	1336.6	1391.1	1445.6	1487.0	1508.9	1524.9	*1544.4*	1556.8	1562.8
20°	1352.6	1355.0	1394.1	1458.6	1520.7	1568.1	1585.9	1579.9	*1585.3*	1594.7	1601.8
22.5°	1422.5	1423.7	1467.5	1537.3	1602.4	1654.5	1666.4	1642.1	*1627.3*	1633.8	1638.5
25°	1503.6	1511.3	1555.1	1626.7	1693.6	1743.3	1748.6	1711.9	*1675.2*	1677.0	1680.0
27.5°	1602.4	1609.5	1653.9	1725.0	1793.0	1836.2	1835.7	1786.5	*1732.7*	1719.0	1723.2
30°	1709.6	1717.3	1762.8	1836.2	1899.6	1937.5	1929.2	1870.6	*1793.6*	1768.2	1771.1
32.5°	1836.8	1841.6	1887.7	1961.2	2019.8	2049.9	2032.8	1960.6	*1864.7*	1835.7	1842.8
35°	1990.8	1997.9	2032.2	2101.4	2152.9	2177.8	2148.8	2063.6	*1955.8*	1923.3	1928.0
37.5°	2166.6	2161.8	2200.9	2262.5	2305.1	2320.5	2280.8	2179.6	*2060.0*	2021.5	2028.6
40°	2350.1	2347.7	2390.3	2449.5	2472.6	2482.1	2423.5	2312.8	*2180.2*	2138.7	2152.4
42.5°	2516.4	2514.6	2572.1	2637.8	2665.6	2654.9	2580.9	2454.3	*2319.3*	2271.9	2283.8
45°	2649.6	2647.2	2717.7	2810.0	2864.5	2846.7	2747.3	2610.5	*2460.2*	2411.0	2422.3
47.5°	2752.0	2753.2	2829.0	2943.2	3038.5	3045.0	2917.2	2769.8	*2615.3*	2559.6	2576.2
50°	2826.0	2829.6	2910.7	3037.3	3167.6	3225.0	3090.6	2933.1	*2775.7*	2712.9	2731.9
52.5°	2844.4	2850.9	2948.5	3097.1	3250.4	3359.9	3267.0	3090.0	*2927.8*	2868.0	2883.4
55°	2746.7	2759.7	2883.4	3092.4	3301.3	3448.7	3422.1	3249.2	*3081.1*	3019.6	3036.7
57.5°	2522.3	2540.7	2685.1	2958.0	3290.1	3509.7	3542.3	3402.0	*3234.5*	3175.3	3188.9
60°	2208.0	2229.9	2368.4	2666.2	3131.5	3532.2	3626.9	3550.6	*3375.3*	3317.9	3330.3
62.5°	1733.8	1762.3	1928.0	2277.3	2796.4	3427.4	3699.1	3684.9	*3502.0*	3430.4	3438.7
65°	1112.3	1142.5	1317.1	1729.7	2349.5	3106.6	3721.6	3815.8	*3635.8*	3535.8	3548.2
67.5°	670.7	684.3	770.7	1048.4	1717.3	2623.0	3531.0	3960.8	*3792.1*	3667.8	3677.2
70°	429.2	436.9	488.4	615.6	970.8	1913.8	3058.6	3988.0	*3981.5*	3803.3	3802.1
72.5°	*291.2*	*293.6*	*307.2*	*364.6*	*549.3*	*1087.4*	*2255.9*	*3610.3*	*4099.9*	*3977.9*	*3959.0*
75°	213.1	226.1	248.0	258.1	312.0	543.4	1292.8	2536.5	*3455.3*	3508.5	3379.5
77.5°	158.6	159.2	189.4	201.3	222.6	289.5	547.0	1416.0	*2145.3*	2252.4	2009.1
80°	134.4	127.3	126.7	162.2	167.5	180.5	244.5	489.0	*768.4*	465.9	352.2
82.5°	111.9	104.2	94.1	126.7	114.2	110.7	106.0	198.9	*244.5*	120.2	102.4
85°	78.1	74.6	71.0	82.9	65.1	55.6	50.9	92.9	*103.0*	50.9	45.0
87.5°	33.7	34.9	35.5	36.7	27.2	19.5	19.5	26.0	*26.0*	20.1	14.8
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)