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: P1202247

Luminaire Tested: GWC-SB1D-735-U-5NQ

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202247
	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-SB1D-735-U-5NQ
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE V NARROW OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10720 lumens
Efficiency:	N/A
Efficacy:	134.7 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):	79.6
Input Voltage (V):	120.0
Input Current (Ain):	0.638
Voltage Rise (V):	NR
Power Factor:	0.997
Total Harmonic Distortion (THDi):	6.673
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

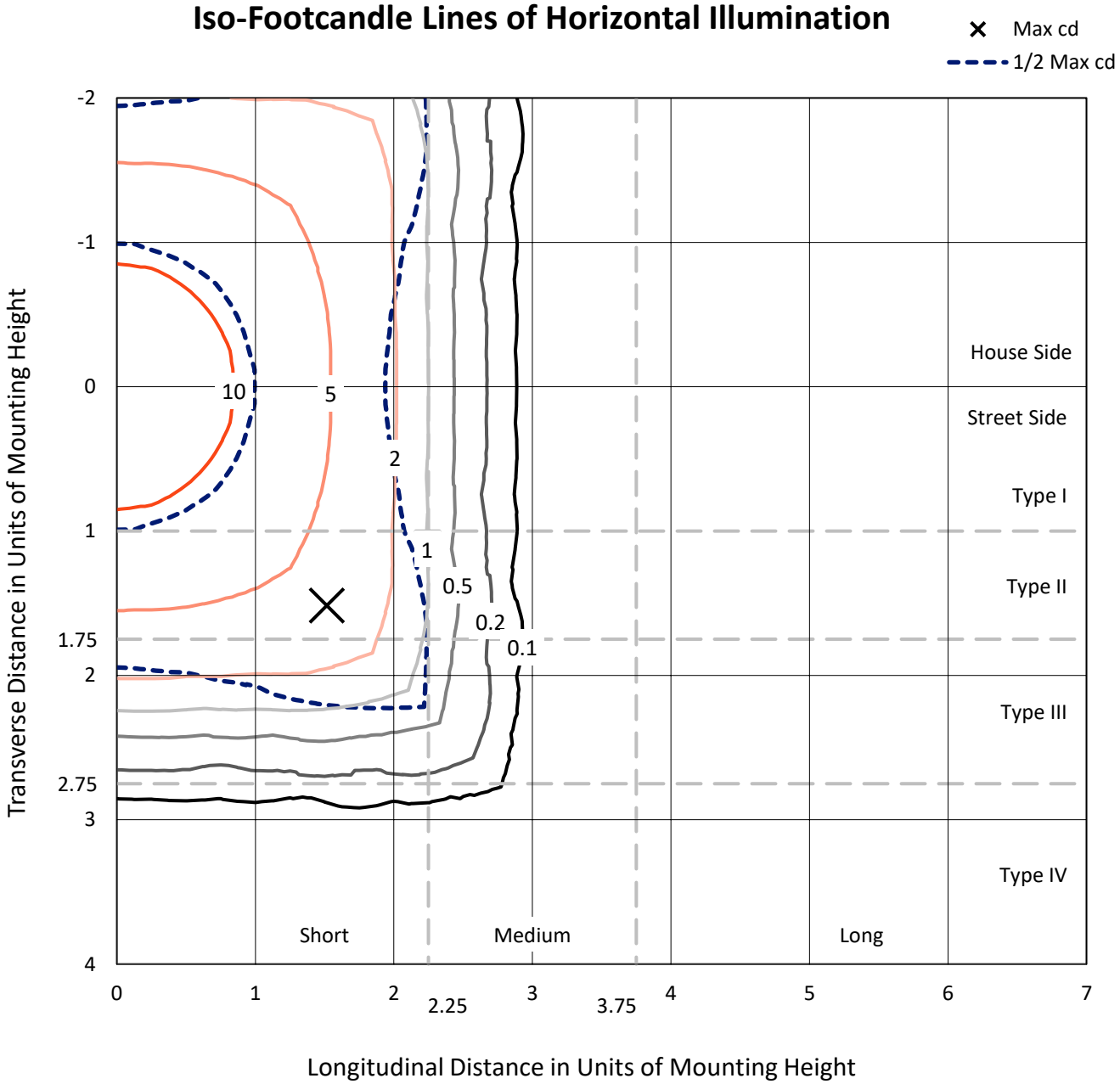


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Iso-Footcandle Lines of Horizontal Illumination



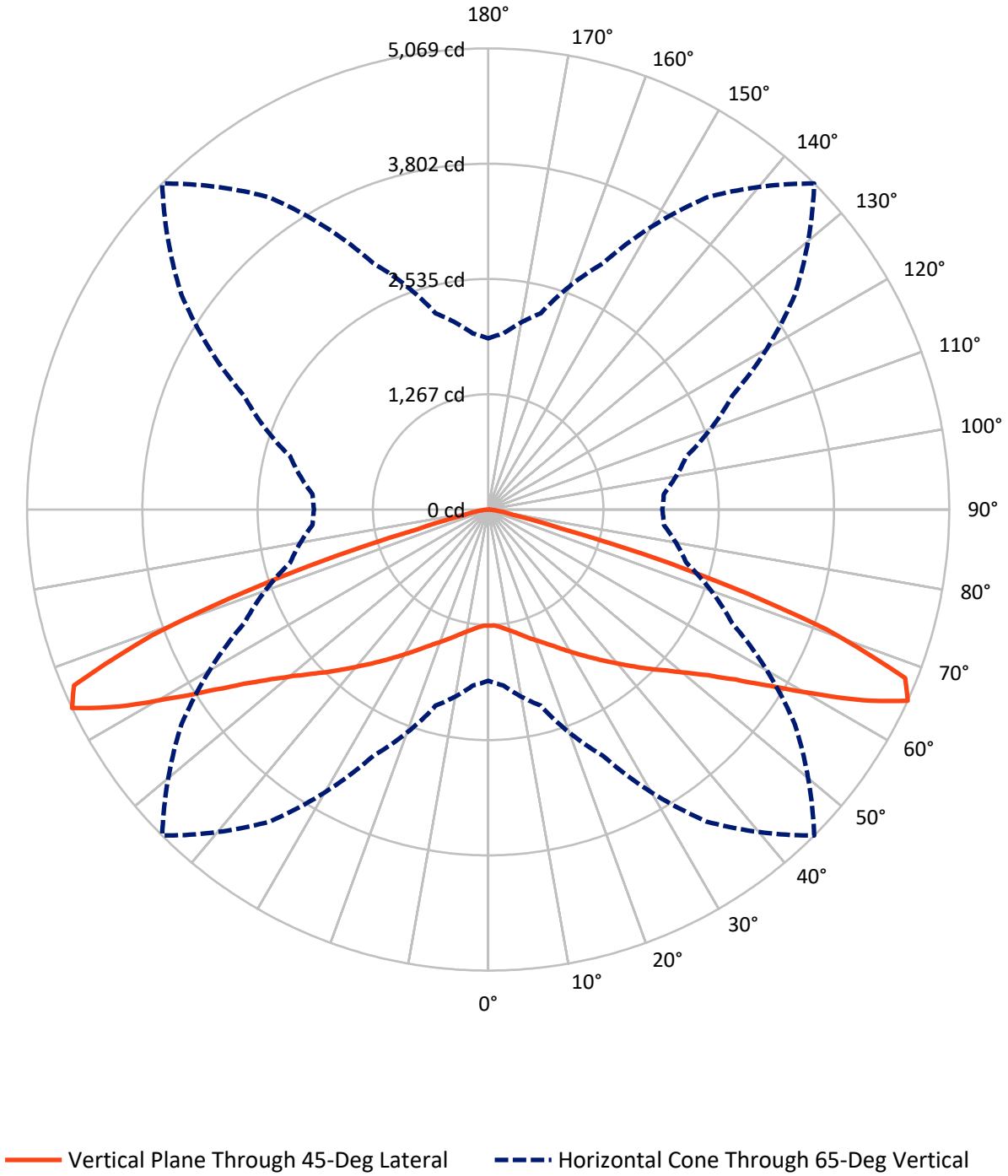
Based on 10 foot mounting height. Maximum calculated value = 13 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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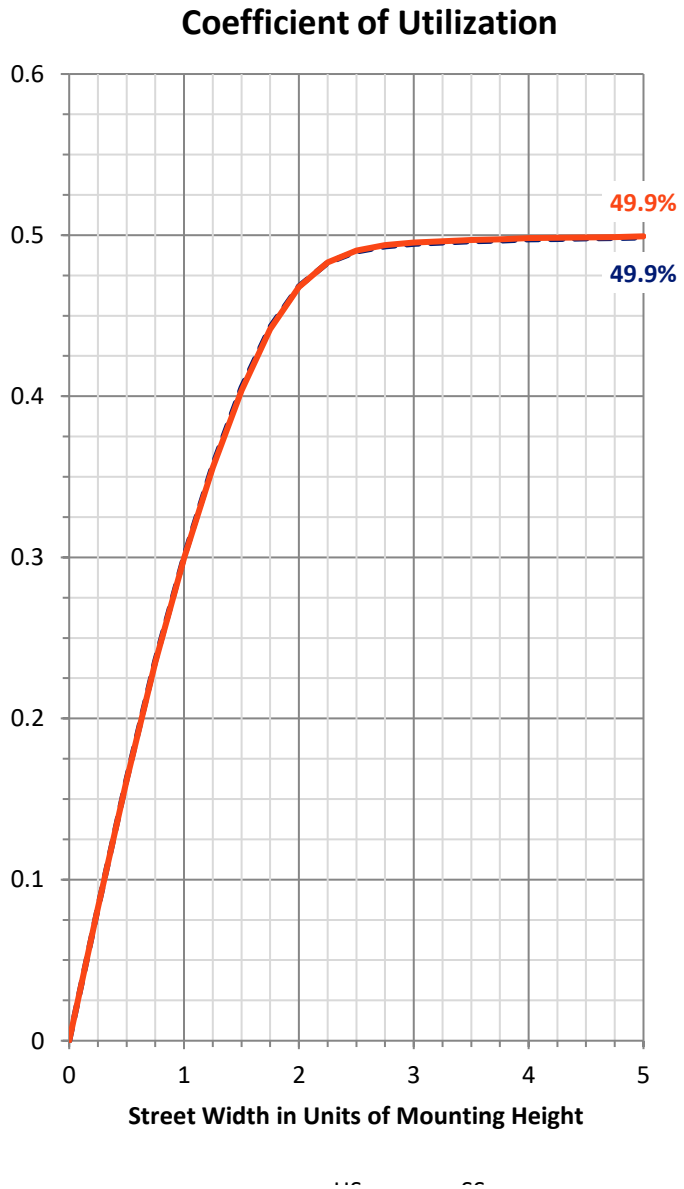
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5360.0	0.0	5360.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5360.0	0.0	5360.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	10720.0	0.0	10720.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	125.9	1.2
10°-20°	410.8	3.8
20°-30°	775.7	7.2
30°-40°	1270.2	11.8
40°-50°	1969.5	18.4
50°-60°	2909.4	27.1
60°-70°	2769.4	25.8
70°-80°	446.9	4.2
80°-90°	42.1	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°	10720.0	100.0
0°-180°	10720.0	100.0



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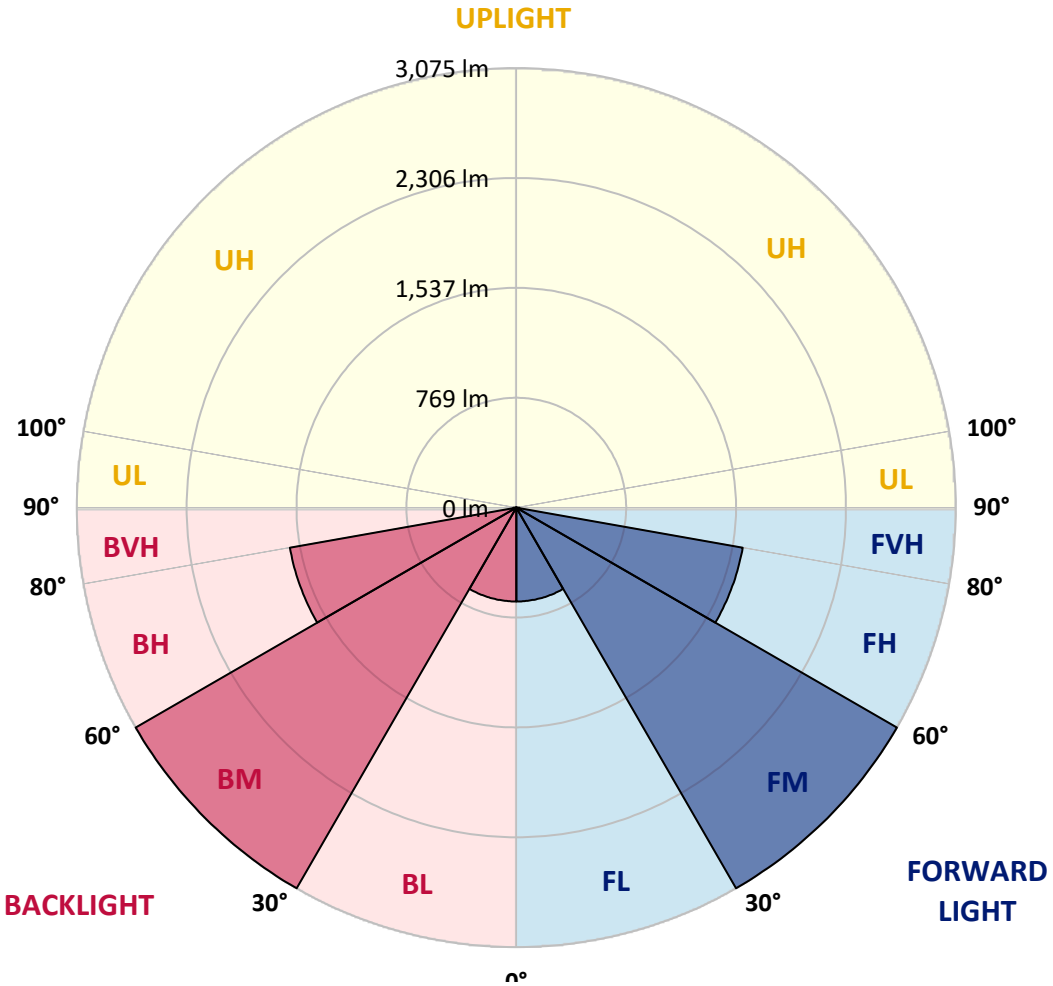
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	656.2	6.1			
FM	(30°-60°)	3074.5	28.7			
FH	(60°-80°)	1608.2	15.0			G1/1800
FVH	(80°-90°)	21.1	0.2			G1/100
BL	(0°-30°)	656.2	6.1	B2/1000		
BM	(30°-60°)	3074.5	28.7	B3/5000		
BH	(60°-80°)	1608.2	15.0	B3/2500		G1/1800
BVH	(80°-90°)	21.1	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°	1275.8	1275.8	1275.8	1275.8	1275.8	*1275.8*	1275.8	1275.8	1275.8	1275.8	1275.8
2.5°	1284.4	1280.1	1283.3	1280.6	1278.5	*1276.3*	1277.4	1281.2	1282.8	1283.3	1283.3
5°	1301.6	1297.8	1299.5	1299.5	1295.7	*1294.6*	1295.1	1297.8	1301.1	1301.1	1301.1
7.5°	1329.6	1325.8	1329.6	1327.4	1324.2	*1323.1*	1322.6	1324.7	1329.6	1329.6	1328.0
10°	1363.5	1359.2	1361.3	1360.2	1356.5	*1354.9*	1354.3	1357.5	1361.8	1361.3	1360.2
12.5°	1400.6	1395.7	1398.4	1395.2	1394.1	*1392.5*	1392.5	1392.0	1394.7	1392.5	1393.6
15°	1442.0	1438.8	1439.8	1437.7	1439.3	*1438.2*	1433.9	1431.8	1432.8	1429.6	1430.2
17.5°	1490.9	1483.4	1487.2	1486.1	1486.1	*1488.2*	1481.2	1478.6	1480.7	1477.5	1480.2
20°	1547.4	1539.9	1541.5	1539.3	1536.6	*1538.8*	1530.2	1532.3	1534.0	1531.8	1536.6
22.5°	1609.3	1599.6	1599.0	1600.1	1594.2	*1594.7*	1588.8	1594.2	1597.4	1591.5	1597.4
25°	1672.7	1662.5	1669.5	1666.8	1659.3	*1660.9*	1656.6	1662.0	1664.7	1657.1	1665.7
27.5°	1740.0	1733.0	1739.4	1741.0	1731.9	*1738.3*	1731.9	1736.7	1739.4	1728.1	1736.7
30°	1818.5	1811.5	1817.4	1821.7	1811.0	*1821.2*	1815.8	1819.0	1819.6	1806.1	1814.2
32.5°	1904.0	1893.2	1908.3	1910.5	1898.6	*1911.0*	1904.0	1908.3	1911.0	1892.7	1905.1
35°	2008.3	1994.9	2012.1	2009.4	1999.2	*2009.4*	2003.0	2009.4	2015.9	1993.8	2007.3
37.5°	2120.8	2106.8	2125.1	2120.2	2110.5	*2117.5*	2113.8	2118.1	2128.3	2104.6	2119.1
40°	2244.5	2227.2	2252.0	2243.4	2234.2	*2233.2*	2235.3	2238.0	2251.5	2225.1	2233.7
42.5°	2376.8	2358.5	2395.6	2382.2	2369.2	*2360.6*	2367.6	2373.0	2385.9	2356.3	2371.9
45°	2527.9	2506.9	2555.3	2539.2	2518.8	*2501.0*	2512.3	2520.4	2539.2	2503.7	2522.0
47.5°	2694.6	2671.0	2722.6	2717.8	2684.4	*2645.7*	2671.5	2694.6	2708.6	2665.6	2680.1
50°	2857.6	2839.3	2907.1	2913.0	2872.1	*2817.8*	2853.8	2888.8	2892.6	2836.1	2843.1
52.5°	3010.4	2992.1	3090.5	3127.6	3091.0	*3026.5*	3064.7	3100.2	3071.7	2998.5	3000.7
55°	3132.5	3117.4	3242.7	3338.5	3350.8	*3297.6*	3320.2	3319.1	3225.5	3113.1	3116.9
57.5°	3162.0	3159.9	3318.0	3520.8	3649.9	*3656.3*	3611.7	3497.7	3296.0	3144.8	3135.1
60°	3027.6	3041.0	3258.3	3616.0	3960.2	*4103.3*	3910.2	3584.8	3215.8	3006.1	2981.3
62.5°	2625.3	2660.8	2922.7	3499.8	4210.9	*4617.5*	4149.5	3452.5	2886.7	2612.9	2596.8
65°	*1881.4*	*1943.3*	*2232.6*	*2986.7*	*4188.3*	*5069.3*	*4115.1*	*2962.5*	*2254.1*	*1938.4*	*1915.3*
67.5°	853.6	916.5	1162.3	2044.9	3640.7	*4946.6*	3632.1	2066.4	1220.4	919.7	906.3
70°	309.3	320.0	399.1	818.6	2326.8	*3941.4*	2426.3	824.5	424.4	341.0	336.7
72.5°	187.2	188.8	205.5	293.1	808.4	*2392.9*	842.8	302.8	209.8	186.1	189.3
75°	118.9	117.8	146.3	179.1	286.7	*807.3*	300.7	179.1	145.8	132.8	133.9
77.5°	85.5	88.2	104.9	133.9	180.7	*273.8*	177.5	128.0	104.9	86.1	87.7
80°	64.0	65.6	76.4	104.3	126.9	*170.5*	112.9	94.7	79.1	53.8	55.4
82.5°	46.3	46.3	50.0	75.8	77.5	*92.0*	61.3	66.7	52.2	38.2	38.2
85°	27.4	26.9	31.2	45.2	40.3	*33.9*	28.0	40.9	32.8	23.7	23.1
87.5°	9.7	10.2	9.7	12.9	10.8	*9.1*	8.6	11.3	9.1	8.1	7.5
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)