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: P1198876

Luminaire Tested: GPC-SB1D-827-U-5WQ

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1198876
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-1)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1D-827-U-5WQ
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 2700K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8998 lumens
Efficiency:	N/A
Efficacy:	113.0 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B3 - U0 - G2

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

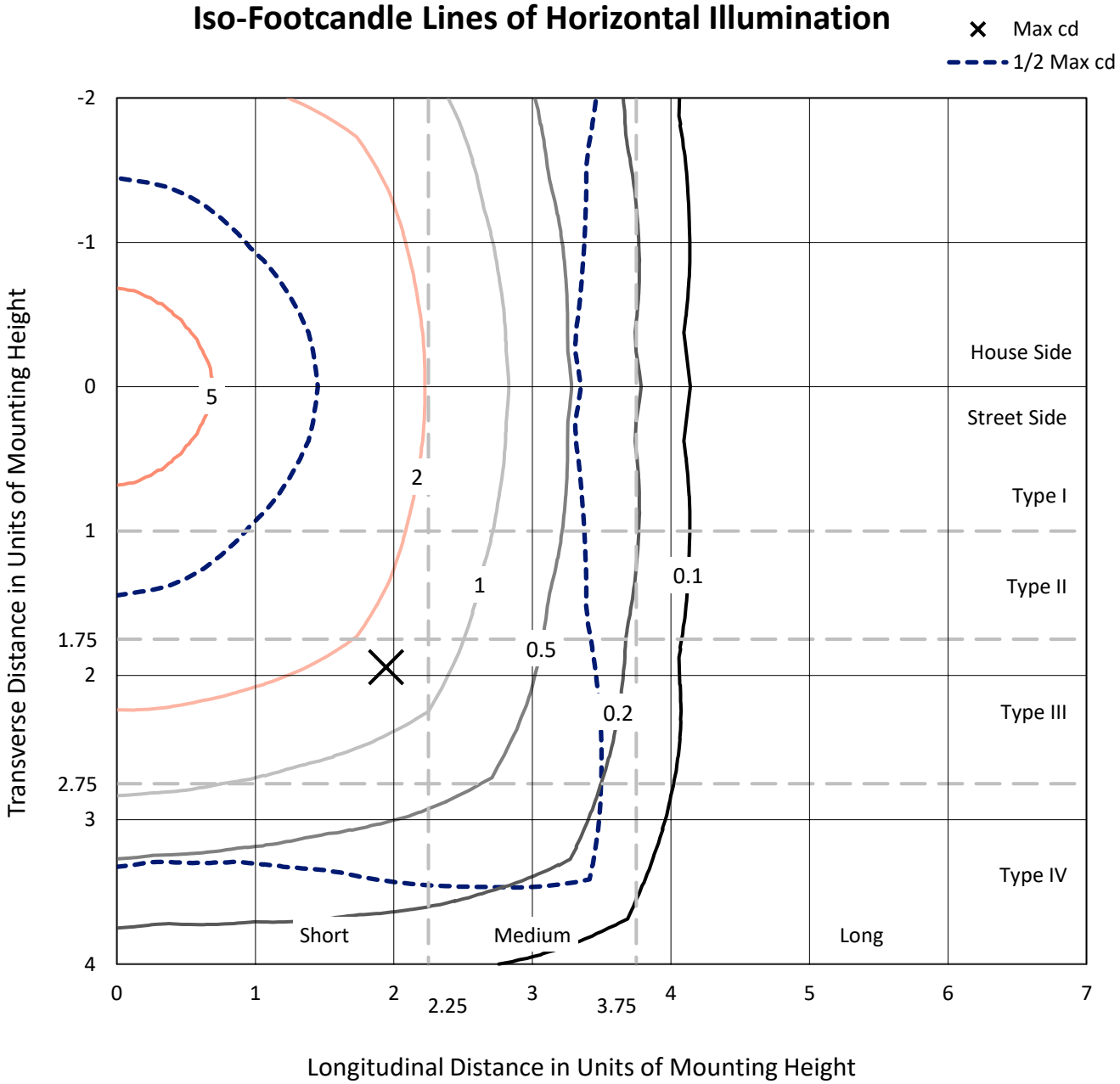


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Iso-Footcandle Lines of Horizontal Illumination



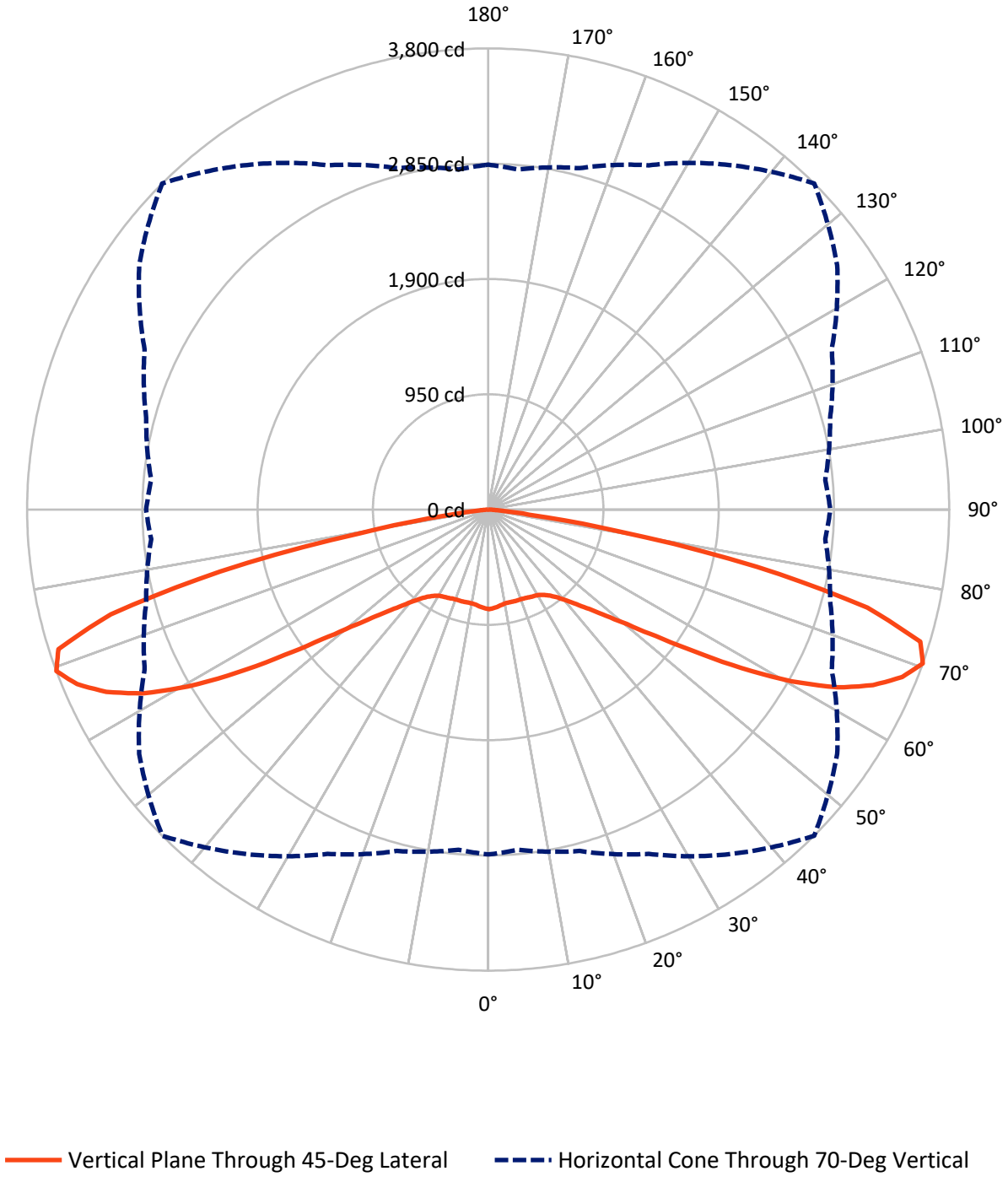
Based on 10 foot mounting height. Maximum calculated value = 8.2 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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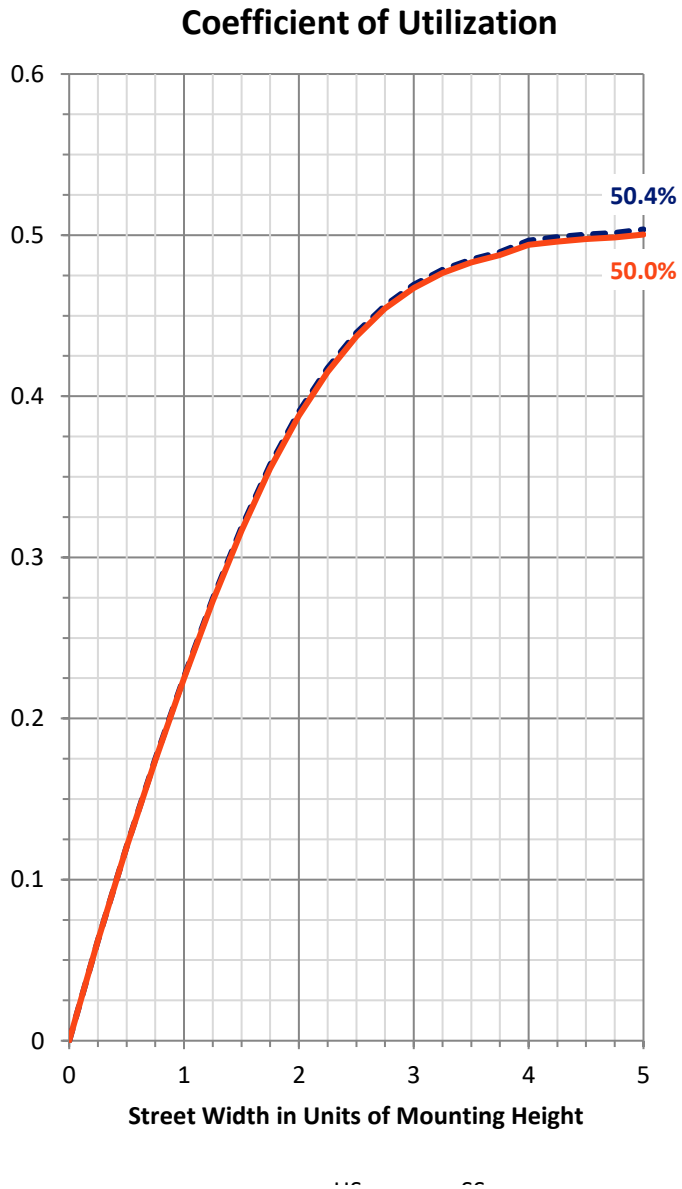
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4499.0	0.0	4499.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4499.0	0.0	4499.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	8998.0	0.0	8998.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.4	0.8
10°-20°	224.2	2.5
20°-30°	373.1	4.1
30°-40°	564.2	6.3
40°-50°	937.6	10.4
50°-60°	1769.2	19.7
60°-70°	2987.4	33.2
70°-80°	1963.0	21.8
80°-90°	102.8	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°	8998.0	100.0
0°-180°	8998.0	100.0



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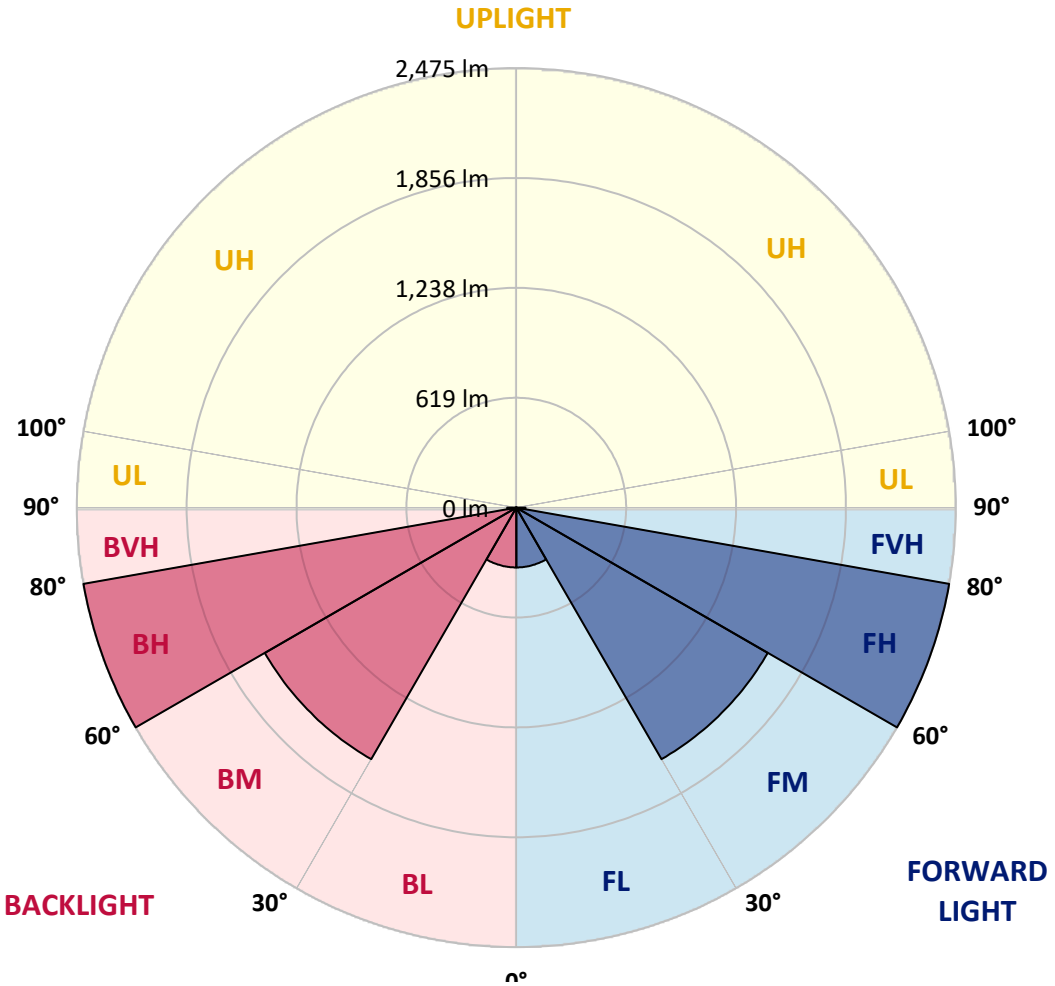
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	336.8	3.7			
FM	(30°-60°)	1635.5	18.2			
FH	(60°-80°)	2475.2	27.5			G2/5000
FVH	(80°-90°)	51.4	0.6			G1/100
BL	(0°-30°)	336.8	3.7	B1/500		
BM	(30°-60°)	1635.5	18.2	B2/2500		
BH	(60°-80°)	2475.2	27.5	B3/2500		G2/5000
BVH	(80°-90°)	51.4	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	820.8	820.8	820.8	820.8	820.8	*820.8*	820.8	820.8	820.8	820.8	820.8
2.5°	815.7	818.0	817.1	815.2	815.2	*813.8*	815.2	816.1	817.5	818.5	818.0
5°	804.9	806.8	806.3	804.9	805.4	*804.0*	804.9	806.3	807.2	807.7	807.7
7.5°	795.5	797.4	796.5	794.1	794.1	*792.7*	793.2	794.6	796.0	796.5	796.5
10°	793.2	795.1	792.3	788.5	787.1	*785.3*	785.7	787.1	789.9	791.3	791.3
12.5°	794.1	795.5	792.7	787.1	785.7	*783.9*	783.9	785.3	789.0	790.9	791.3
15°	796.9	798.3	794.1	788.1	786.7	*785.3*	784.8	786.7	790.9	794.1	794.6
17.5°	802.1	803.5	796.9	788.5	786.7	*787.1*	786.7	788.1	794.6	800.7	800.7
20°	806.8	807.7	798.8	788.5	786.7	*787.1*	786.7	789.5	797.9	806.3	806.8
22.5°	808.2	809.1	800.7	791.8	790.4	*790.9*	790.4	793.2	801.2	809.6	809.6
25°	808.6	810.0	803.5	796.5	798.8	*799.8*	798.8	799.3	805.4	812.8	812.4
27.5°	815.7	817.5	811.4	805.4	806.8	*806.3*	807.7	809.1	813.8	821.3	819.4
30°	830.2	831.6	826.4	820.3	819.4	*816.1*	820.3	825.0	830.2	836.7	835.3
32.5°	854.0	856.8	850.3	843.7	839.5	*837.6*	840.9	848.9	855.9	862.9	860.1
35°	893.8	895.6	889.5	877.4	869.9	*869.9*	872.7	883.0	894.2	903.1	899.8
37.5°	949.9	952.2	941.5	927.0	915.7	*915.7*	919.5	930.2	947.1	959.7	955.0
40°	1018.2	1021.4	1007.9	992.9	982.2	*980.3*	985.0	997.1	1013.0	1028.9	1023.8
42.5°	1100.5	1104.2	1086.4	1073.4	1064.9	*1064.9*	1067.3	1078.5	1093.0	1112.6	1111.2
45°	1205.7	1212.3	1187.9	1174.8	1166.9	*1168.8*	1170.2	1180.0	1193.1	1215.5	1214.6
47.5°	1331.1	1337.6	1311.9	1298.3	1296.9	*1305.8*	1300.2	1307.2	1314.2	1339.9	1332.5
50°	1473.2	1484.5	1466.7	1465.7	1468.6	*1484.9*	1471.8	1475.6	1467.6	1484.0	1474.2
52.5°	1647.2	1663.6	1660.3	1665.9	1697.3	*1730.9*	1701.0	1687.9	1658.0	1663.1	1645.8
55°	1858.1	1882.9	1887.6	1921.3	1992.4	*2061.1*	1997.5	1944.7	1881.1	1869.4	1851.1
57.5°	2098.1	2117.7	2140.2	2208.9	2341.7	*2463.8*	2341.7	2224.8	2124.7	2100.9	2084.0
60°	2356.2	2380.6	2402.1	2503.6	2700.9	*2872.6*	2697.2	2511.5	2379.1	2346.9	2318.8
62.5°	2633.6	2664.9	2679.9	2792.6	3022.7	*3227.5*	3026.0	2801.0	2654.1	2619.5	2591.5
65°	2899.7	2925.4	2942.2	3062.4	3282.3	*3487.6*	3297.2	3075.5	2924.5	2879.1	2856.7
67.5°	3023.6	3037.7	3078.8	3214.9	3446.9	*3681.2*	3486.2	3229.4	3060.6	2981.1	2982.0
70°	*2842.2*	*2813.6*	*2912.8*	*3130.7*	*3466.5*	*3800.0*	*3511.4*	*3124.2*	*2917.5*	*2788.4*	*2819.2*
72.5°	2196.3	2147.2	2319.3	2692.0	3242.0	*3724.2*	3264.5	2713.1	2426.4	2164.5	2229.5
75°	1195.0	1139.3	1376.9	1848.3	2585.4	*3228.0*	2644.8	1901.2	1533.1	1186.1	1263.2
77.5°	337.2	316.2	507.9	894.2	1555.1	*2266.4*	1614.9	913.9	602.4	357.3	397.1
80°	103.4	100.1	135.6	269.4	660.4	*1085.5*	634.7	272.7	172.6	109.0	115.1
82.5°	61.3	56.1	67.3	98.2	168.4	*340.9*	163.7	102.4	82.3	55.2	59.9
85°	35.1	32.7	39.8	47.7	56.6	*72.5*	47.2	48.6	44.0	29.5	30.9
87.5°	14.5	13.1	15.4	15.0	13.1	*16.8*	12.6	15.0	17.8	11.7	10.8
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)