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: P1199352

Luminaire Tested: GPC-SB2A-827-U-5WQ

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1199352
	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-SB2A-827-U-5WQ
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 2700K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7888 lumens
Efficiency:	N/A
Efficacy:	137.7 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B3 - U0 - G2

Input Watts (W):	57.3
Input Voltage (V):	120.0
Input Current (Ain):	0.484
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.038
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

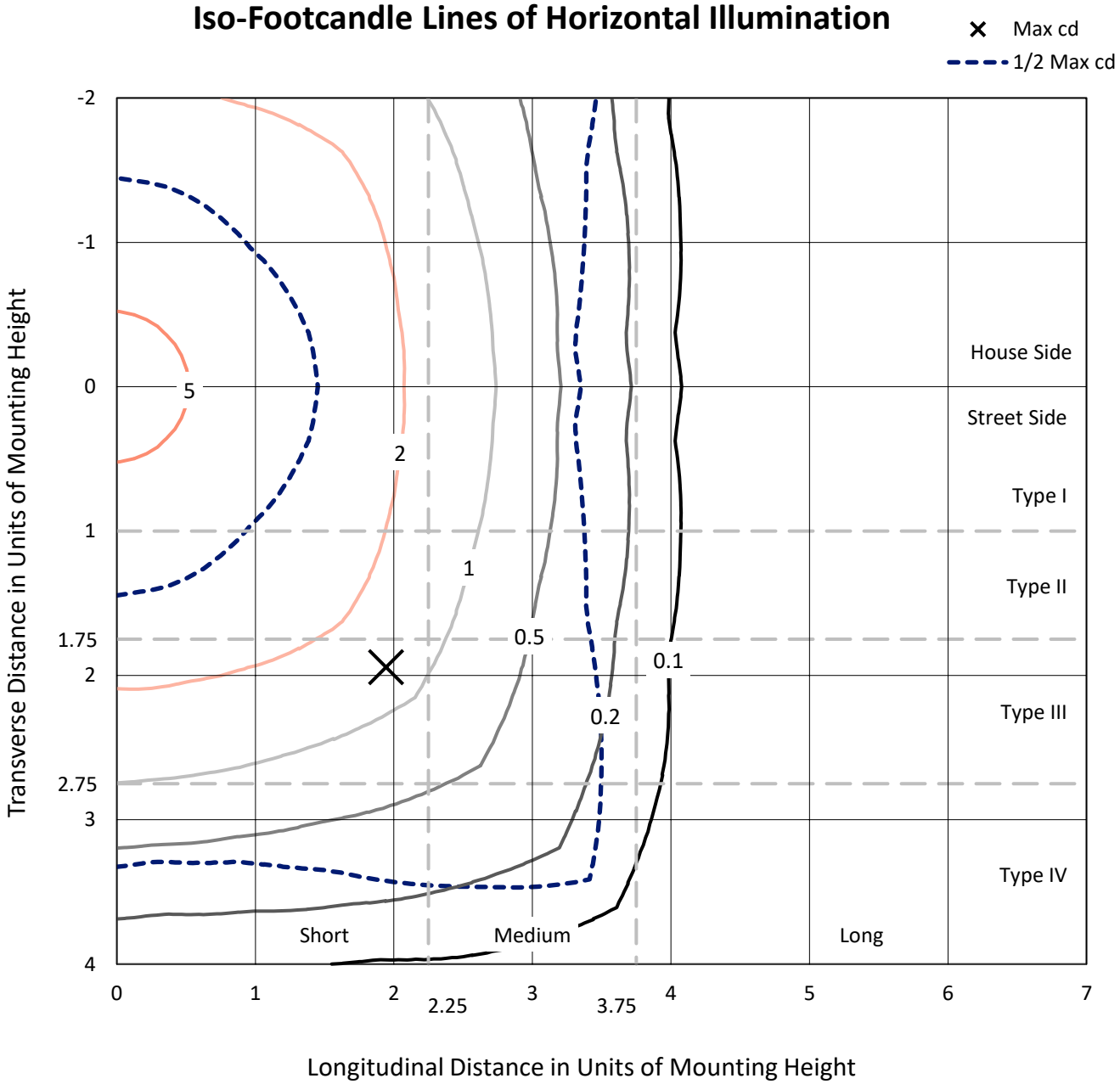


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Iso-Footcandle Lines of Horizontal Illumination



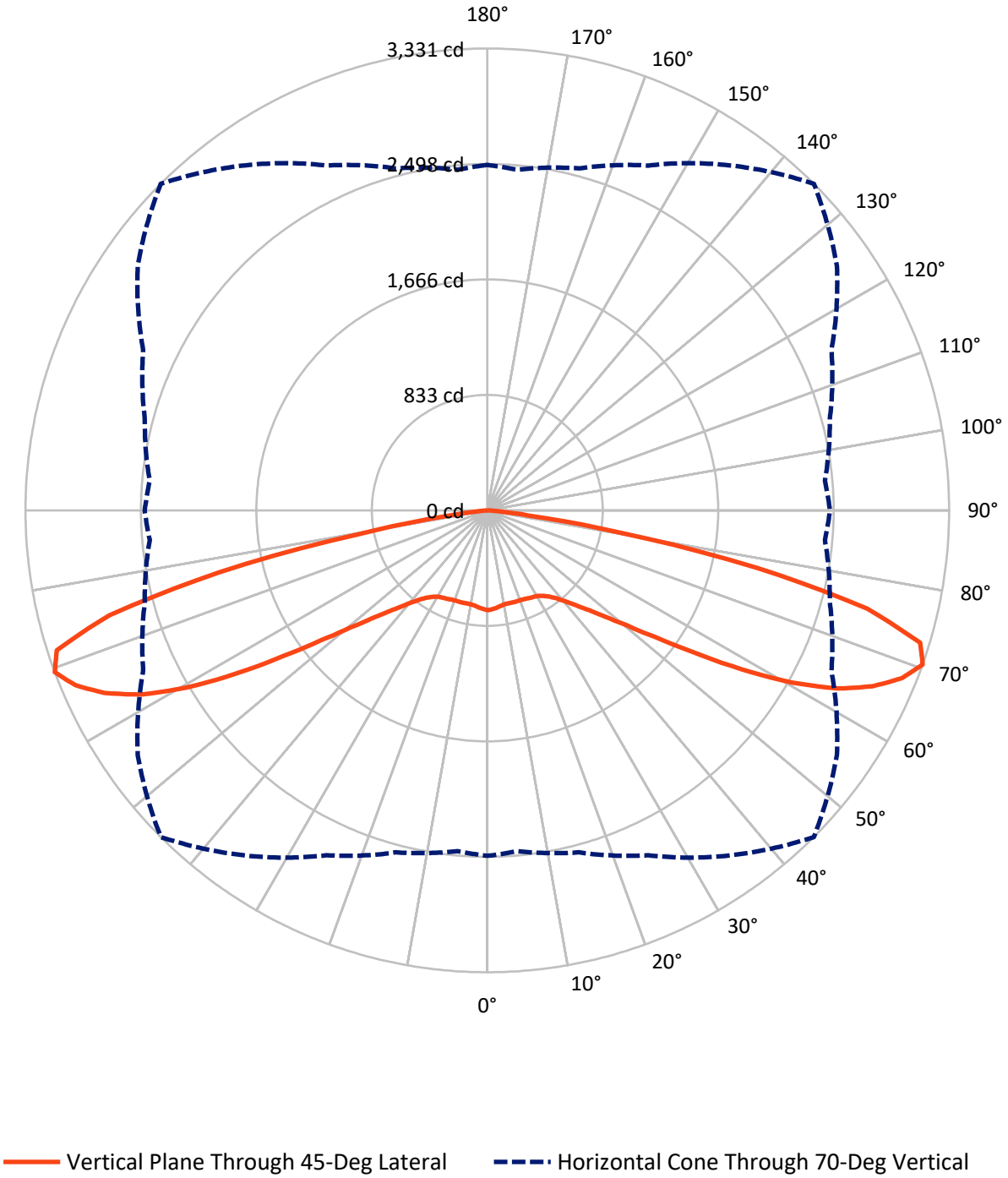
Based on 10 foot mounting height. Maximum calculated value = 7.2 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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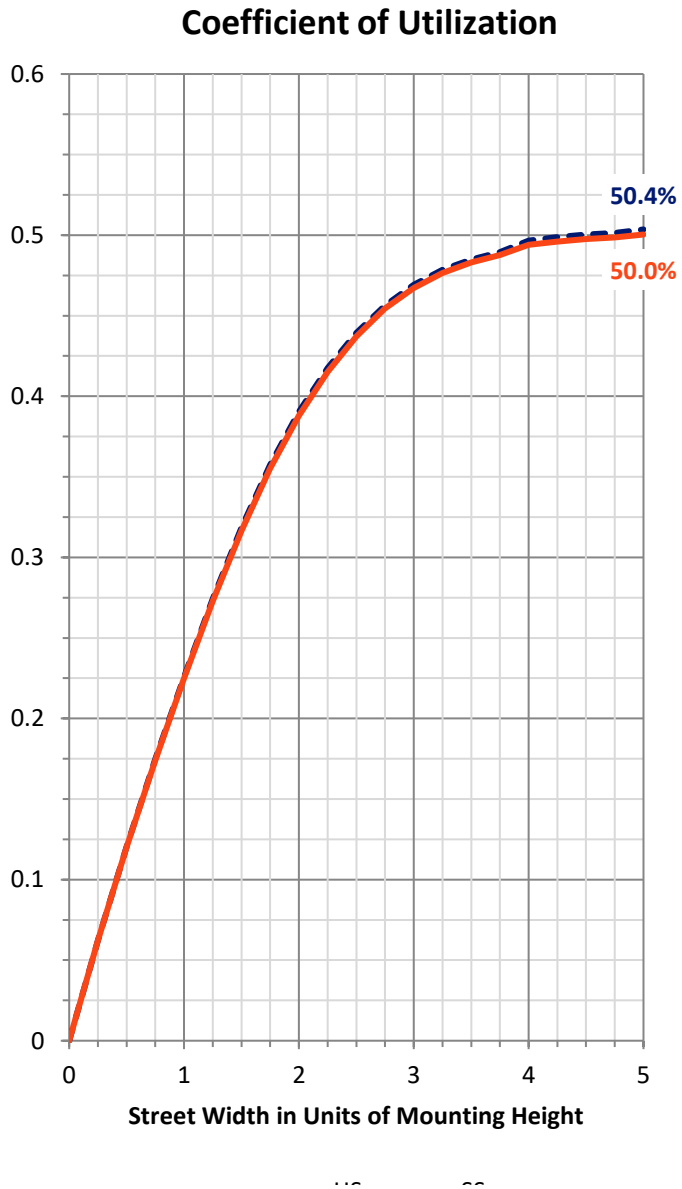
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3944.0	0.0	3944.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3944.0	0.0	3944.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	7888.0	0.0	7888.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.9	0.8
10°-20°	196.5	2.5
20°-30°	327.1	4.1
30°-40°	494.6	6.3
40°-50°	821.9	10.4
50°-60°	1551.0	19.7
60°-70°	2618.9	33.2
70°-80°	1720.9	21.8
80°-90°	90.2	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°	7888.0	100.0
0°-180°	7888.0	100.0



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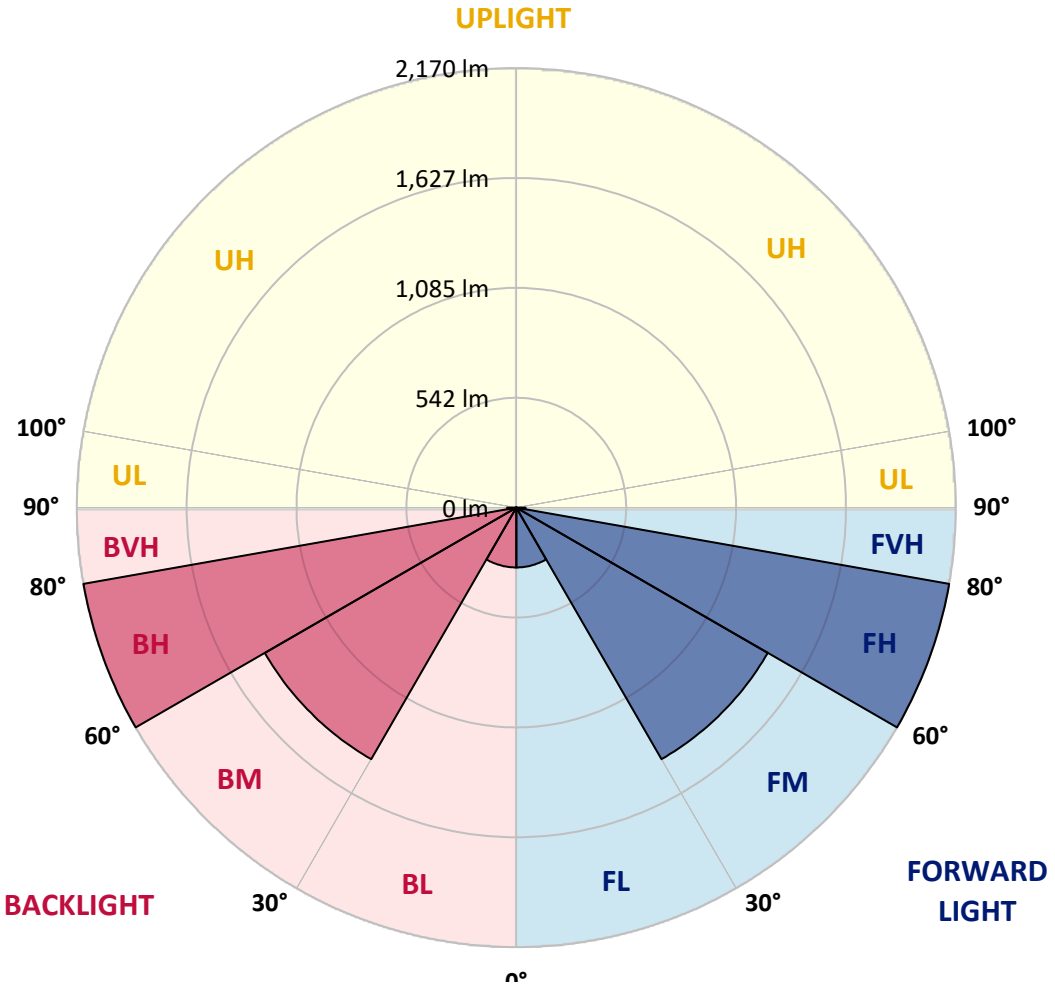
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	295.3	3.7			
FM	(30°-60°)	1433.8	18.2			
FH	(60°-80°)	2169.9	27.5			G2/5000
FVH	(80°-90°)	45.1	0.6			G1/100
BL	(0°-30°)	295.3	3.7	B1/500		
BM	(30°-60°)	1433.8	18.2	B2/2500		
BH	(60°-80°)	2169.9	27.5	B3/2500		G2/5000
BVH	(80°-90°)	45.1	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°	719.5	719.5	719.5	719.5	719.5	719.5	719.5	719.5	719.5	719.5	719.5
2.5°	715.0	717.1	716.3	714.6	714.6	713.4	714.6	715.4	716.7	717.5	717.1
5°	705.6	707.2	706.8	705.6	706.0	704.8	705.6	706.8	707.7	708.1	708.1
7.5°	697.4	699.0	698.2	696.2	696.2	694.9	695.4	696.6	697.8	698.2	698.2
10°	695.4	697.0	694.5	691.3	690.0	688.4	688.8	690.0	692.5	693.7	693.7
12.5°	696.2	697.4	694.9	690.0	688.8	687.2	687.2	688.4	691.7	693.3	693.7
15°	698.6	699.9	696.2	690.8	689.6	688.4	688.0	689.6	693.3	696.2	696.6
17.5°	703.1	704.4	698.6	691.3	689.6	690.0	689.6	690.8	696.6	701.9	701.9
20°	707.2	708.1	700.3	691.3	689.6	690.0	689.6	692.1	699.5	706.8	707.2
22.5°	708.5	709.3	701.9	694.1	692.9	693.3	692.9	695.4	702.3	709.7	709.7
25°	708.9	710.1	704.4	698.2	700.3	701.1	700.3	700.7	706.0	712.6	712.2
27.5°	715.0	716.7	711.3	706.0	707.2	706.8	708.1	709.3	713.4	720.0	718.3
30°	727.7	729.0	724.5	719.1	718.3	715.4	719.1	723.2	727.7	733.5	732.3
32.5°	748.7	751.1	745.4	739.6	735.9	734.3	737.2	744.1	750.3	756.4	754.0
35°	783.5	785.1	779.8	769.2	762.6	762.6	765.1	774.1	783.9	791.7	788.8
37.5°	832.7	834.8	825.3	812.6	802.8	802.8	806.1	815.5	830.2	841.3	837.2
40°	892.6	895.4	883.5	870.4	861.0	859.4	863.5	874.1	888.1	902.0	897.5
42.5°	964.7	968.0	952.4	940.9	933.6	933.6	935.6	945.5	958.2	975.4	974.2
45°	1057.0	1062.7	1041.4	1029.9	1022.9	1024.6	1025.8	1034.4	1045.9	1065.6	1064.8
47.5°	1166.9	1172.6	1150.0	1138.2	1136.9	1144.7	1139.8	1145.9	1152.1	1174.6	1168.1
50°	1291.5	1301.3	1285.8	1284.9	1287.4	1301.7	1290.3	1293.5	1286.6	1300.9	1292.3
52.5°	1444.0	1458.4	1455.5	1460.4	1487.9	1517.4	1491.2	1479.7	1453.4	1457.9	1442.8
55°	1628.9	1650.6	1654.7	1684.3	1746.6	1806.9	1751.1	1704.8	1649.0	1638.8	1622.8
57.5°	1839.2	1856.5	1876.1	1936.4	2052.9	2159.9	2052.9	1950.4	1862.6	1841.7	1826.9
60°	2065.6	2086.9	2105.7	2194.7	2367.7	2518.2	2364.5	2201.7	2085.7	2057.4	2032.8
62.5°	2308.7	2336.2	2349.3	2448.1	2649.8	2829.4	2652.7	2455.5	2326.7	2296.4	2271.8
65°	2542.0	2564.5	2579.3	2684.7	2877.4	3057.3	2890.5	2696.1	2563.7	2523.9	2504.3
67.5°	2650.6	2662.9	2699.0	2818.3	3021.7	3227.1	3056.1	2831.0	2683.0	2613.3	2614.1
70°	2491.6	2466.5	2553.5	2744.5	3038.9	3331.2	3078.3	2738.8	2557.6	2444.4	2471.5
72.5°	1925.3	1882.3	2033.2	2359.9	2842.1	3264.8	2861.8	2378.4	2127.1	1897.5	1954.5
75°	1047.5	998.8	1207.0	1620.3	2266.5	2829.8	2318.5	1666.6	1344.0	1039.8	1107.4
77.5°	295.6	277.2	445.3	783.9	1363.2	1986.8	1415.7	801.1	528.1	313.2	348.1
80°	90.6	87.7	118.9	236.2	578.9	951.6	556.4	239.0	151.3	95.5	100.9
82.5°	53.7	49.2	59.0	86.1	147.6	298.9	143.5	89.8	72.2	48.4	52.5
85°	30.7	28.7	34.8	41.8	49.6	63.5	41.4	42.6	38.5	25.8	27.1
87.5°	12.7	11.5	13.5	13.1	11.5	14.8	11.1	13.1	15.6	10.2	9.4
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)