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: P1198874

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

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1198874
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-20)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1D-827-U-5MQ
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 2700K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE V MEDIUM OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9316 lumens
Efficiency:	N/A
Efficacy:	117.0 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

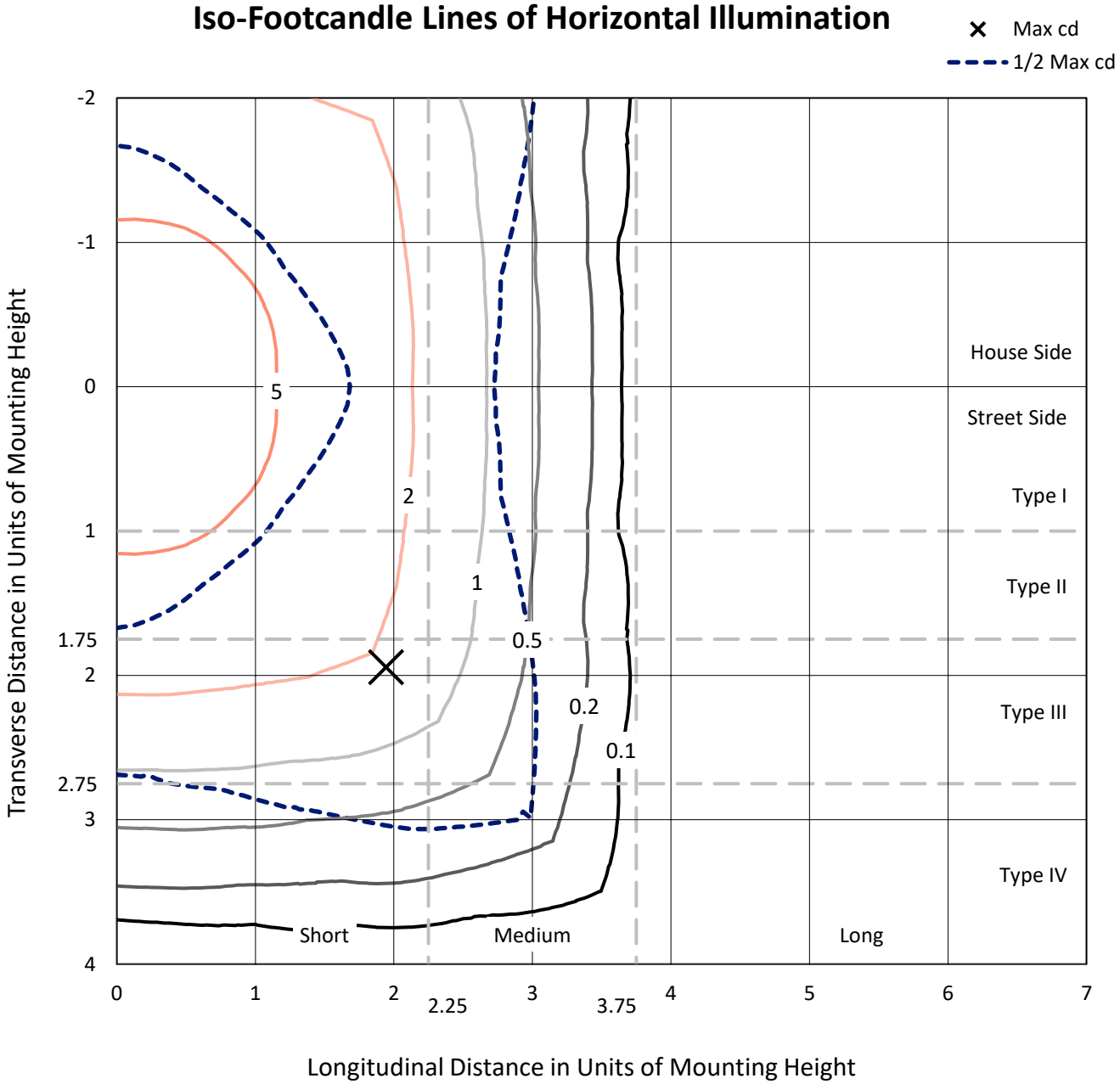


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Iso-Footcandle Lines of Horizontal Illumination



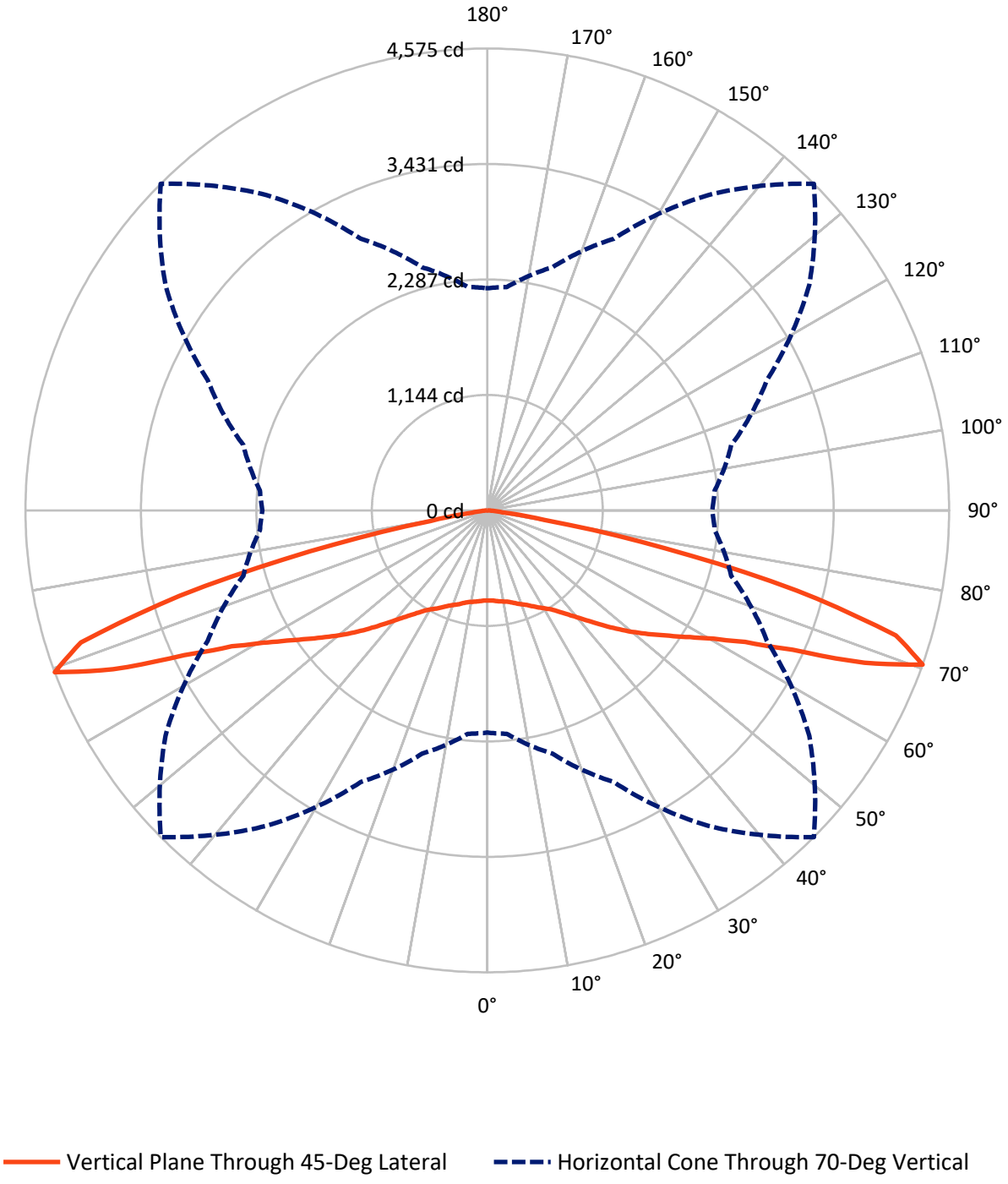
Based on 10 foot mounting height. Maximum calculated value = 8.9 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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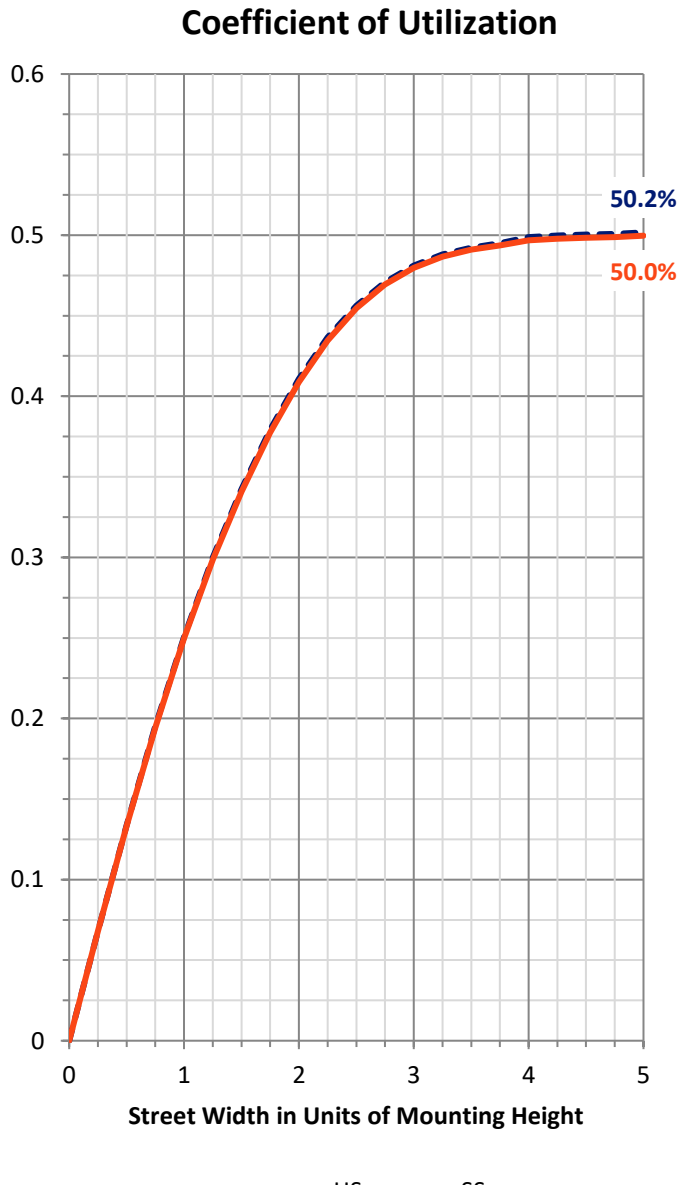
REPORT NUMBER: P1198874
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4658.0	0.0	4658.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4658.0	0.0	4658.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	9316.0	0.0	9316.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.7	0.9
10°-20°	268.8	2.9
20°-30°	480.4	5.2
30°-40°	778.8	8.4
40°-50°	1268.5	13.6
50°-60°	1934.0	20.8
60°-70°	2877.2	30.9
70°-80°	1568.2	16.8
80°-90°	53.4	0.6
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°	9316.0	100.0
0°-180°	9316.0	100.0



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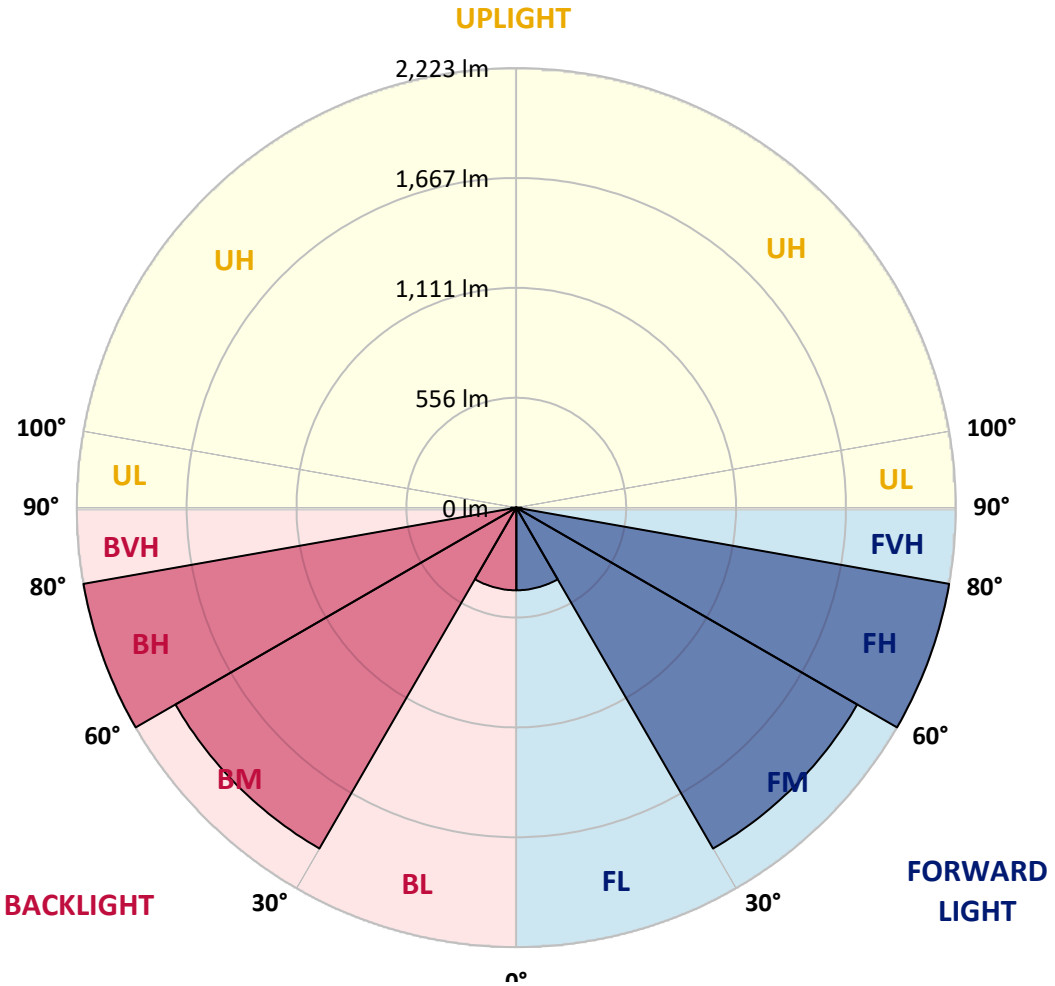
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	418.0	4.5			
FM	(30°-60°)	1990.6	21.4			
FH	(60°-80°)	2222.7	23.9			G2/5000
FVH	(80°-90°)	26.7	0.3			G1/100
BL	(0°-30°)	418.0	4.5	B1/500		
BM	(30°-60°)	1990.6	21.4	B2/2500		
BH	(60°-80°)	2222.7	23.9	B3/2500		G2/5000
BVH	(80°-90°)	26.7	0.3			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°	892.4	892.4	892.4	892.4	892.4	*892.4*	892.4	892.4	892.4	892.4	892.4
2.5°	896.6	897.5	895.7	894.7	893.8	*892.4*	892.8	895.2	897.1	896.6	897.1
5°	904.1	905.0	903.6	903.1	901.3	*900.8*	900.8	903.1	904.5	903.6	904.1
7.5°	912.5	913.9	911.6	911.1	910.1	*909.2*	908.7	911.1	912.5	912.5	912.5
10°	920.4	921.8	920.0	918.6	917.6	*917.6*	916.7	918.6	920.9	920.4	920.4
12.5°	928.9	929.8	927.9	927.0	927.0	*928.4*	927.0	927.9	929.8	928.9	928.4
15°	939.1	939.6	939.1	940.5	942.9	*947.6*	943.4	942.4	943.4	941.0	941.0
17.5°	953.2	954.1	956.0	959.3	962.5	*971.0*	963.5	961.1	961.1	956.5	956.5
20°	970.5	971.9	974.7	980.3	984.5	*992.5*	985.0	981.7	980.3	974.2	974.2
22.5°	988.7	991.1	995.3	1002.8	1010.2	*1017.7*	1010.2	1004.6	1000.4	992.5	992.0
25°	1009.8	1012.6	1019.1	1031.3	1041.6	*1052.3*	1043.4	1032.2	1023.8	1012.6	1012.1
27.5°	1039.7	1043.0	1050.9	1065.9	1079.0	*1088.3*	1079.9	1065.4	1053.7	1040.2	1039.7
30°	1081.8	1085.1	1094.4	1110.3	1119.2	*1125.3*	1119.7	1108.5	1094.4	1079.0	1079.0
32.5°	1136.0	1140.3	1150.5	1165.5	1167.4	*1168.3*	1166.5	1160.8	1150.5	1131.8	1132.3
35°	1204.8	1209.5	1221.2	1233.3	1231.5	*1233.3*	1230.5	1228.7	1221.2	1199.7	1199.7
37.5°	1289.0	1294.6	1306.8	1316.1	1311.4	*1309.1*	1309.6	1310.0	1305.8	1282.0	1282.0
40°	1386.7	1394.2	1403.1	1412.9	1405.0	*1398.0*	1402.6	1406.4	1402.6	1378.3	1378.3
42.5°	1487.3	1498.1	1507.4	1521.4	1514.9	*1506.0*	1512.5	1516.8	1508.8	1482.6	1484.5
45°	1599.1	1609.4	1621.5	1642.6	1637.9	*1628.5*	1637.9	1638.8	1625.3	1594.4	1597.7
47.5°	1714.6	1725.4	1743.6	1771.7	1769.8	*1759.5*	1771.7	1765.1	1747.8	1710.9	1708.5
50°	1824.0	1839.0	1867.1	1906.4	1910.1	*1897.5*	1913.8	1901.2	1872.2	1825.9	1825.0
52.5°	1926.9	1942.8	1987.3	2040.6	2054.1	*2037.8*	2059.8	2037.8	1994.3	1934.9	1929.3
55°	2035.0	2052.7	2105.6	2175.3	2202.4	*2190.3*	2210.8	2177.6	2115.9	2043.9	2034.0
57.5°	2162.2	2172.9	2236.1	2318.9	2364.7	*2367.5*	2376.9	2320.7	2245.9	2164.1	2152.8
60°	2300.2	2315.1	2383.9	2483.0	2555.5	*2578.9*	2569.1	2485.8	2398.8	2304.8	2289.9
62.5°	2477.0	2493.3	2575.6	2694.4	2809.0	*2867.0*	2828.7	2708.0	2600.4	2487.7	2468.1
65°	2623.3	2641.6	2790.3	3002.2	3210.8	*3327.2*	3230.9	3008.7	2815.1	2656.1	2629.9
67.5°	2517.2	2539.6	2773.0	3162.1	3680.8	*4028.3*	3698.6	3209.8	2830.5	2614.9	2582.7
70°	*2200.1*	*2221.1*	*2493.3*	*2969.0*	*3813.2*	*4574.6*	*3892.7*	*3056.4*	*2502.2*	*2260.9*	*2228.6*
72.5°	1460.6	1528.5	1803.9	2374.5	3404.9	*4233.2*	3438.5	2326.4	1673.4	1457.4	1410.1
75°	484.5	538.8	726.8	1231.0	2280.5	*3165.9*	2171.1	1089.3	575.7	414.4	391.9
77.5°	122.1	140.8	194.1	352.2	909.7	*1802.5*	818.9	287.6	156.7	109.4	97.7
80°	59.4	65.5	93.5	117.4	227.8	*572.9*	213.7	110.4	73.9	57.1	52.4
82.5°	32.7	33.2	52.9	66.4	84.7	*148.3*	87.9	64.5	42.6	34.6	34.6
85°	20.1	19.6	28.1	35.5	35.5	*52.9*	42.1	35.5	24.3	21.5	22.4
87.5°	8.0	8.0	10.3	11.2	9.8	*13.6*	10.8	11.7	9.4	8.9	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


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SS

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(END OF REPORT)