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: P1201501

Luminaire Tested: GWC-SB1B-735-U-RW

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201501
	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-SB1B-735-U-RW
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 450mA LIGHTSQUARE WITH 26 LEDS AND RECTANGULAR WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5829 lumens
Efficiency:	N/A
Efficacy:	146.5 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B3 - U0 - G3

Input Watts (W):	39.8
Input Voltage (V):	120.0
Input Current (Ain):	0.33
Voltage Rise (V):	NR
Power Factor:	0.996
Total Harmonic Distortion (THDi):	5.305
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

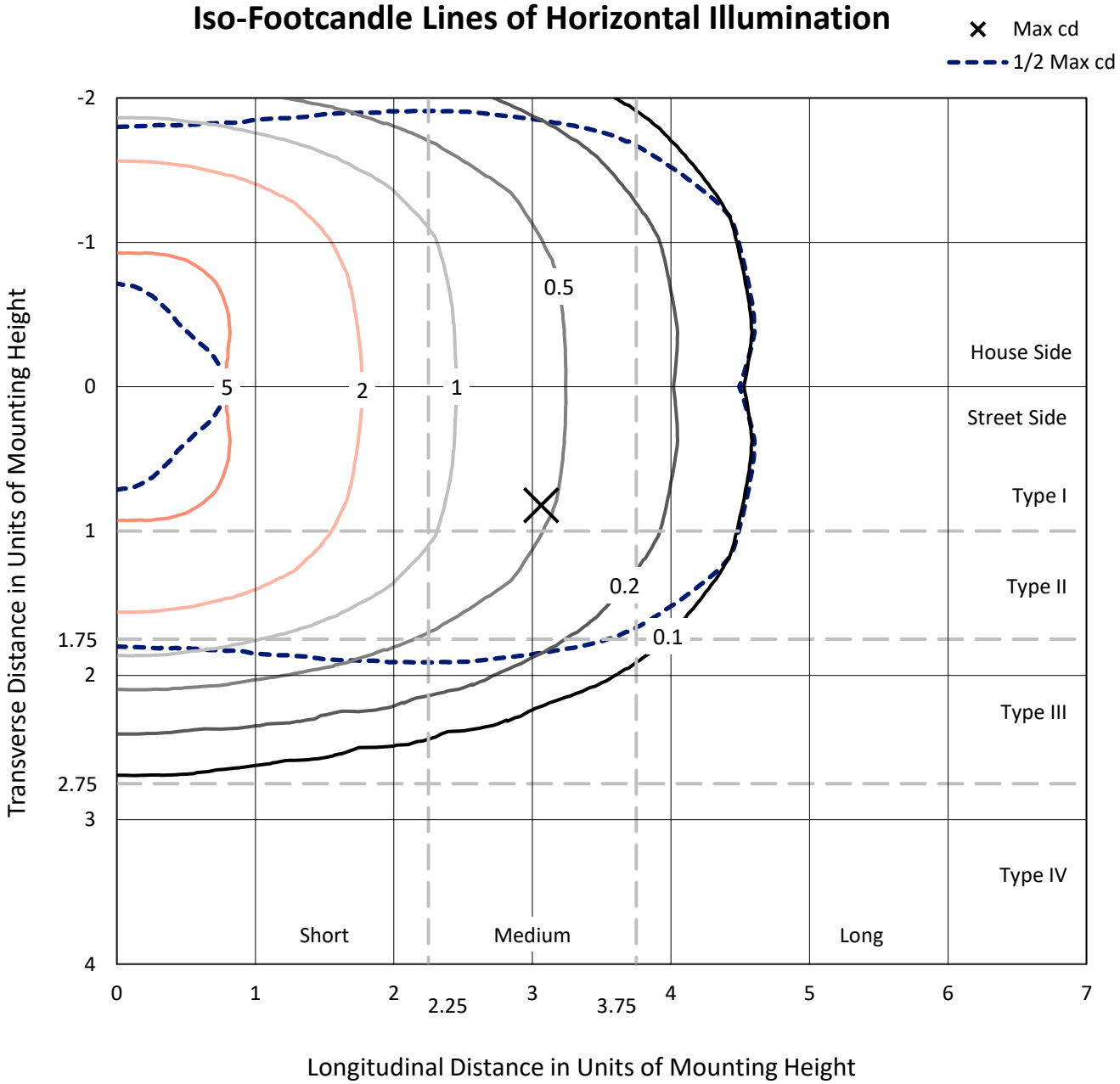


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Iso-Footcandle Lines of Horizontal Illumination



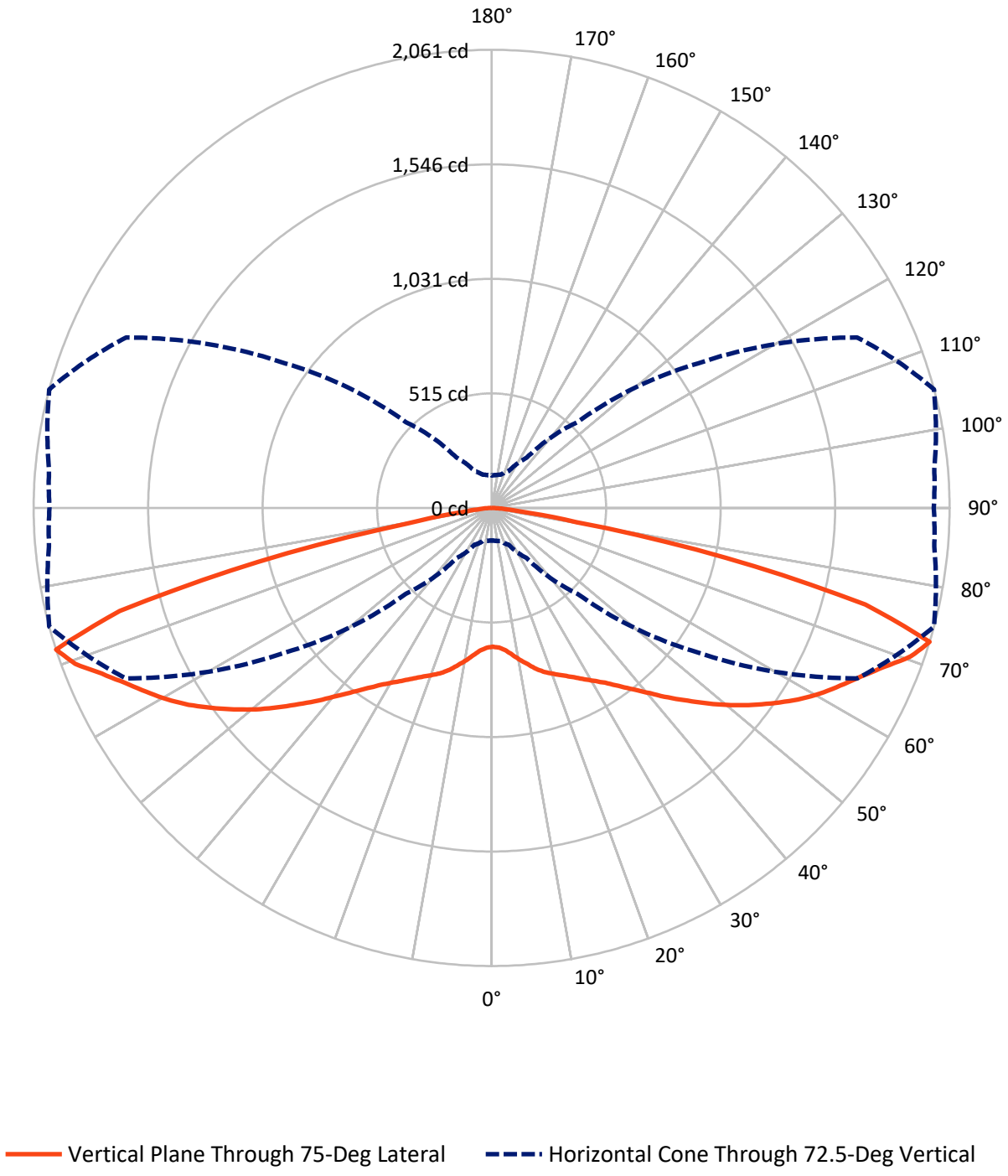
Based on 10 foot mounting height. Maximum calculated value = 6.8 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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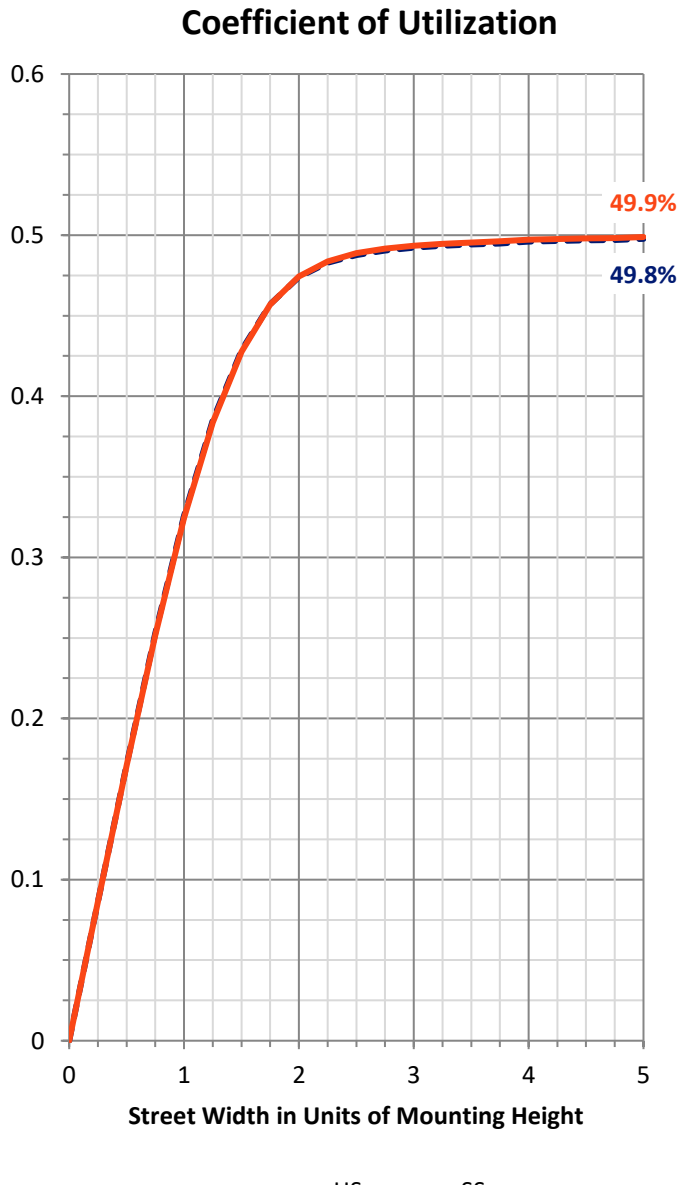
REPORT NUMBER: P1201501
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2914.5	0.0	2914.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2914.5	0.0	2914.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	5829.0	0.0	5829.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.2	1.0
10°-20°	201.7	3.5
20°-30°	389.8	6.7
30°-40°	658.2	11.3
40°-50°	1043.8	17.9
50°-60°	1397.6	24.0
60°-70°	1330.1	22.8
70°-80°	694.0	11.9
80°-90°	52.5	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°	5829.0	100.0
0°-180°	5829.0	100.0



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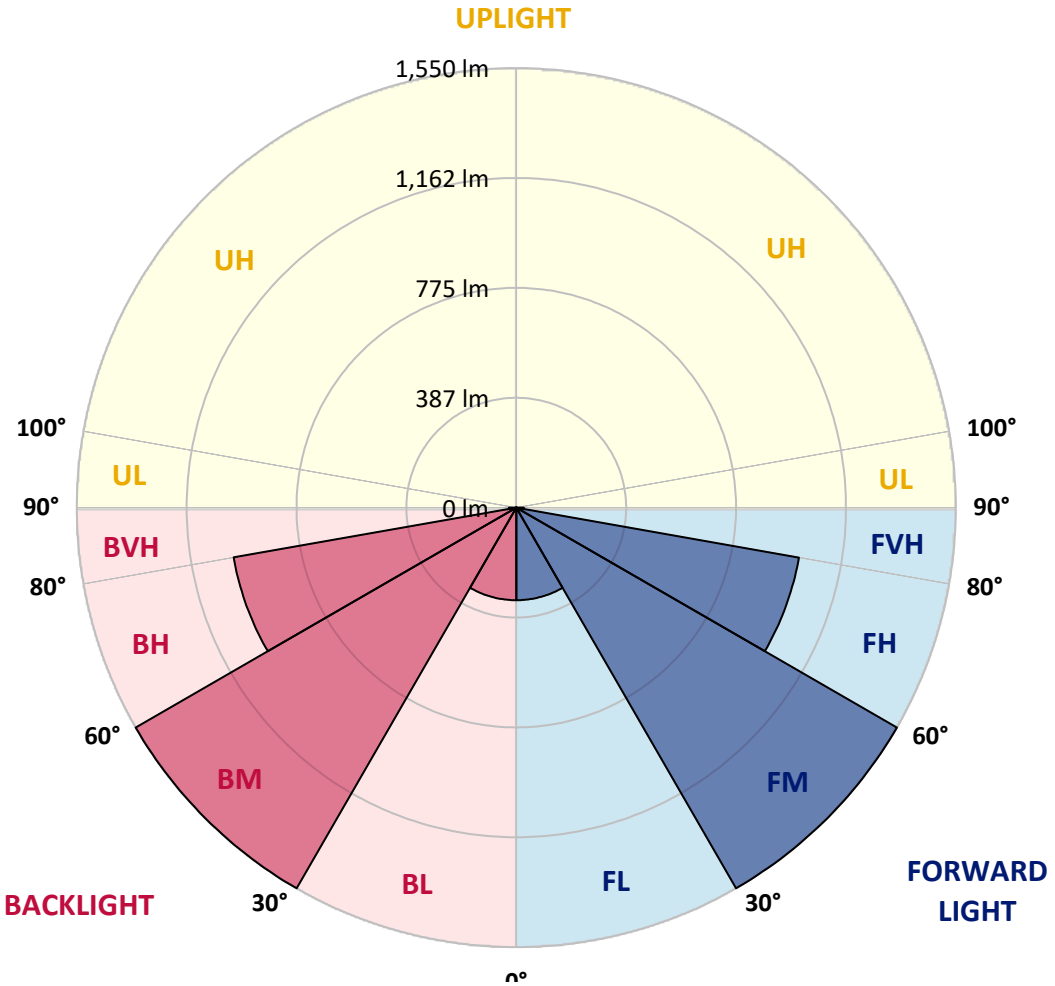
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	326.4	5.6			
FM	(30°-60°)	1549.8	26.6			
FH	(60°-80°)	1012.1	17.4			G1/1800
FVH	(80°-90°)	26.3	0.5			G1/100
BL	(0°-30°)	326.4	5.6	B1/500		
BM	(30°-60°)	1549.8	26.6	B2/2500		
BH	(60°-80°)	1012.1	17.4	B3/2500		G3/2500
BVH	(80°-90°)	26.3	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°	624.4	624.4	624.4	624.4	624.4	624.4	624.4	624.4	624.4	624.4	624.4
2.5°	624.4	623.8	624.4	625.0	624.7	624.7	626.2	627.1	628.9	628.6	628.3
5°	620.2	619.9	622.3	625.0	627.1	630.6	635.1	638.4	642.5	643.4	643.4
7.5°	618.1	617.2	621.4	626.2	632.7	641.7	650.3	659.2	666.4	668.7	669.3
10°	619.6	619.9	625.6	634.5	644.9	657.4	669.6	684.8	694.9	697.3	699.7
12.5°	626.5	625.9	635.4	649.7	664.0	679.7	694.0	710.7	721.7	727.4	729.7
15°	639.0	637.8	651.2	672.3	693.1	711.6	723.2	739.0	751.8	758.9	761.6
17.5°	653.9	654.4	672.0	699.4	726.8	747.6	758.6	766.6	776.5	782.7	785.7
20°	680.0	681.2	700.9	733.3	764.6	788.4	797.3	794.3	797.0	801.8	805.3
22.5°	715.2	715.8	737.8	772.9	805.6	831.8	837.8	825.6	818.1	821.4	823.8
25°	755.9	759.8	781.8	817.8	851.5	876.5	879.1	860.7	842.2	843.1	844.6
27.5°	805.6	809.2	831.5	867.2	901.5	923.2	922.9	898.2	871.1	864.3	866.3
30°	859.5	863.4	886.3	923.2	955.0	974.1	969.9	940.5	901.8	889.0	890.5
32.5°	923.5	925.9	949.1	986.0	1015.5	1030.6	1022.0	985.7	937.5	922.9	926.5
35°	1000.9	1004.4	1021.7	1056.5	1082.4	1094.9	1080.3	1037.5	983.3	966.9	969.3
37.5°	1089.3	1086.9	1106.5	1137.5	1158.9	1166.6	1146.7	1095.8	1035.7	1016.3	1019.9
40°	1181.5	1180.3	1201.8	1231.5	1243.1	1247.9	1218.4	1162.8	1096.1	1075.3	1082.1
42.5°	1265.1	1264.3	1293.1	1326.2	1340.1	1334.8	1297.6	1233.9	1166.0	1142.2	1148.2
45°	1332.1	1330.9	1366.3	1412.8	1440.1	1431.2	1381.2	1312.5	1236.9	1212.2	1217.8
47.5°	1383.6	1384.2	1422.3	1479.7	1527.6	1530.9	1466.6	1392.5	1314.9	1286.9	1295.2
50°	1420.8	1422.6	1463.4	1527.0	1592.5	1621.4	1553.8	1474.7	1395.5	1364.0	1373.5
52.5°	1430.0	1433.3	1482.4	1557.1	1634.2	1689.2	1642.5	1553.5	1472.0	1441.9	1449.7
55°	1380.9	1387.5	1449.7	1554.7	1659.8	1733.9	1720.5	1633.6	1549.1	1518.1	1526.8
57.5°	1268.1	1277.4	1350.0	1487.2	1654.1	1764.5	1780.9	1710.4	1626.2	1596.4	1603.2
60°	1110.1	1121.1	1190.7	1340.4	1574.4	1775.9	1823.5	1785.1	1697.0	1668.1	1674.4
62.5°	871.7	886.0	969.3	1144.9	1405.9	1723.2	1859.8	1852.6	1760.7	1724.7	1728.8
65°	559.2	574.4	662.2	869.6	1181.2	1561.9	1871.1	1918.4	1827.9	1777.6	1783.9
67.5°	337.2	344.0	387.5	527.1	863.4	1318.7	1775.3	1991.3	1906.5	1844.0	1848.8
70°	215.8	219.6	245.5	309.5	488.1	962.2	1537.8	2005.0	2001.7	1912.2	1911.6
72.5°	146.4	147.6	154.5	183.3	276.2	546.7	1134.2	1815.1	2061.3	2000.0	1990.4
75°	107.1	113.7	124.7	129.8	156.8	273.2	650.0	1275.3	1737.2	1763.9	1699.1
77.5°	79.8	80.1	95.2	101.2	111.9	145.5	275.0	711.9	1078.5	1132.4	1010.1
80°	67.6	64.0	63.7	81.5	84.2	90.8	122.9	245.8	386.3	234.2	177.1
82.5°	56.2	52.4	47.3	63.7	57.4	55.7	53.3	100.0	122.9	60.4	51.5
85°	39.3	37.5	35.7	41.7	32.7	28.0	25.6	46.7	51.8	25.6	22.6
87.5°	17.0	17.6	17.9	18.5	13.7	9.8	9.8	13.1	13.1	10.1	7.4
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)