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: P1201963

Luminaire Tested: GWC-SB1C-827-U-RW

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201963
	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-SB1C-827-U-RW
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 615mA LIGHTSQUARE WITH 26 LEDS AND RECTANGULAR WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6742 lumens
Efficiency:	N/A
Efficacy:	123.9 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):	54.4
Input Voltage (V):	120.0
Input Current (Ain):	0.437
Voltage Rise (V):	NR
Power Factor:	0.993
Total Harmonic Distortion (THDi):	9.314
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

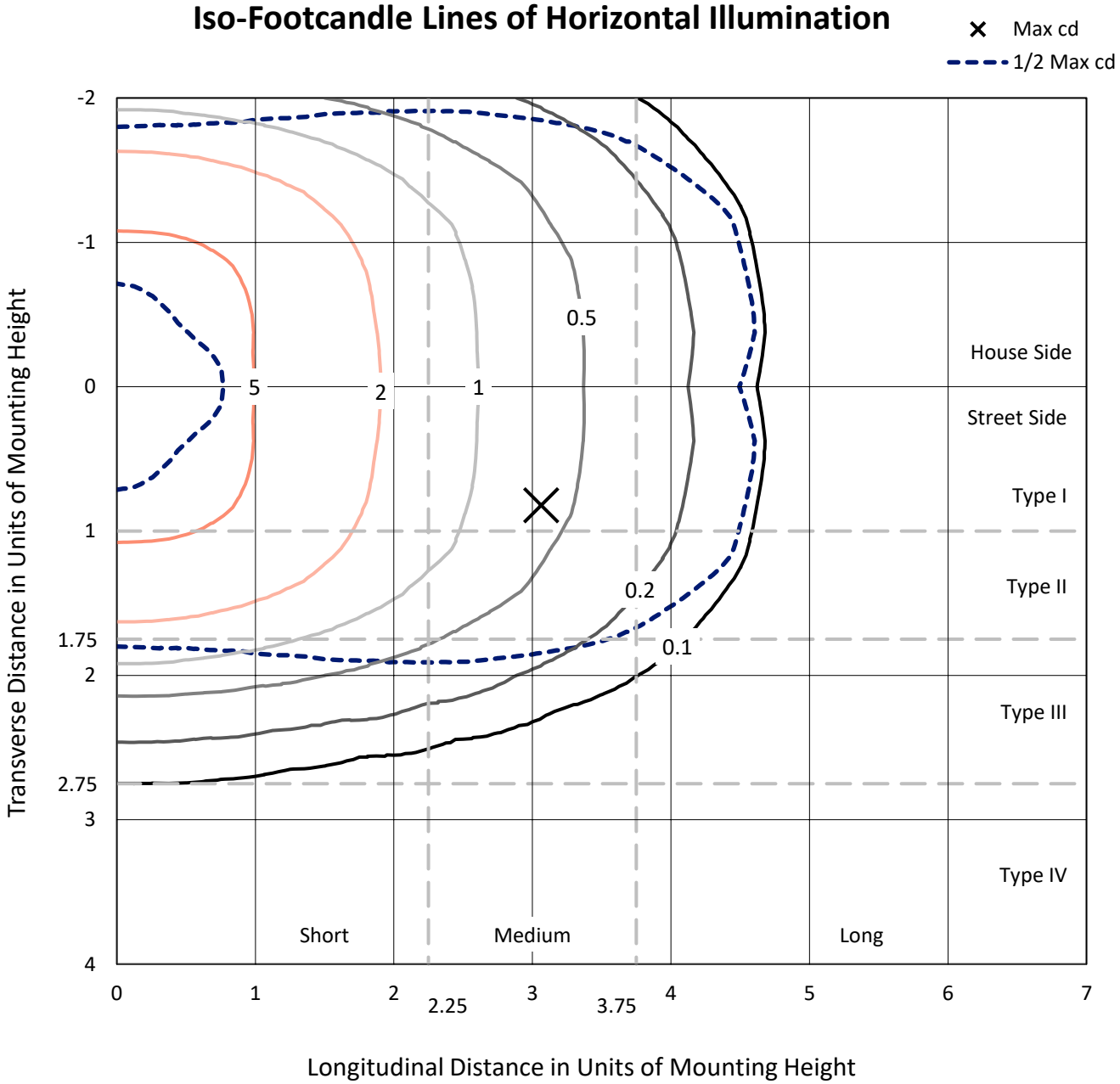


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Iso-Footcandle Lines of Horizontal Illumination



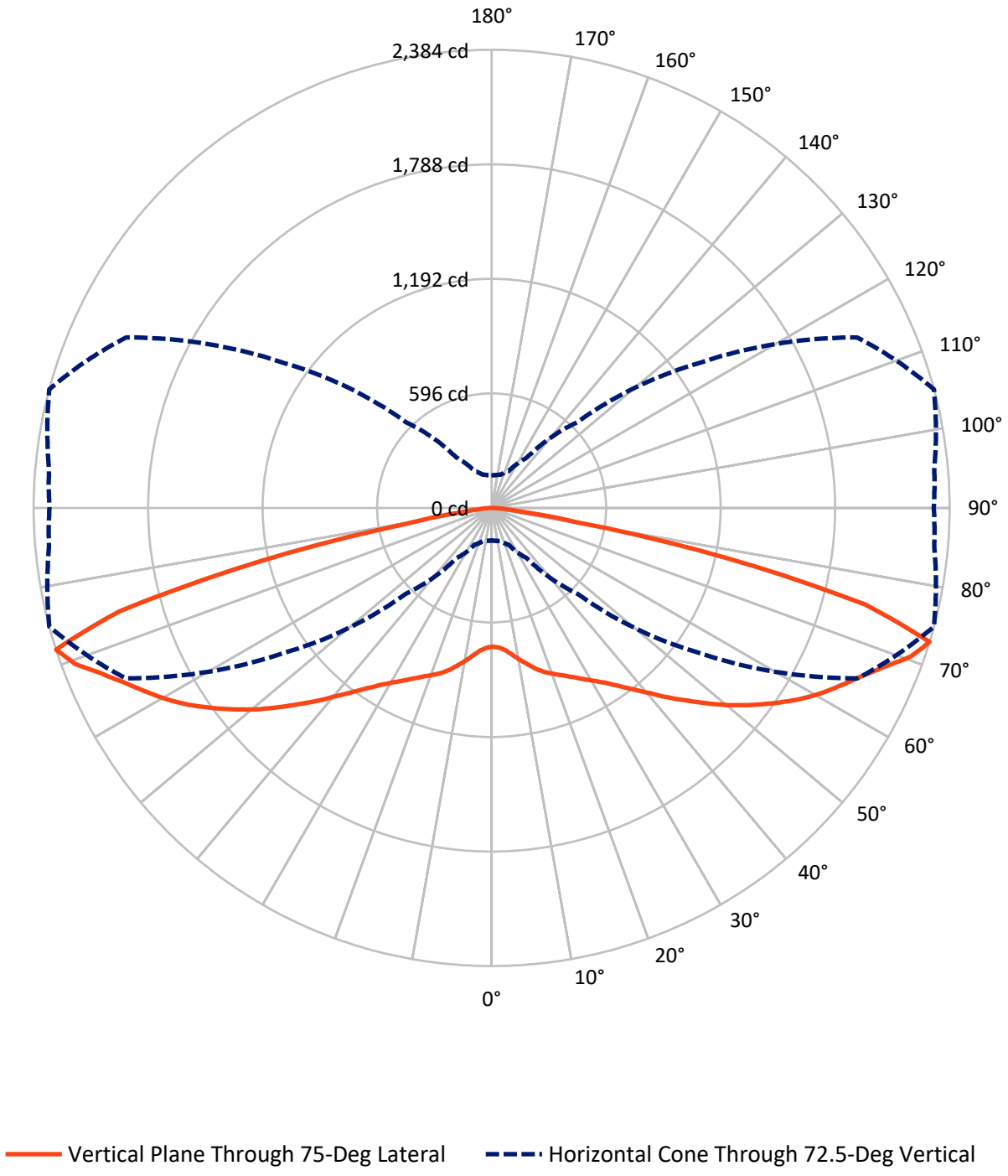
Based on 10 foot mounting height. Maximum calculated value = 7.9 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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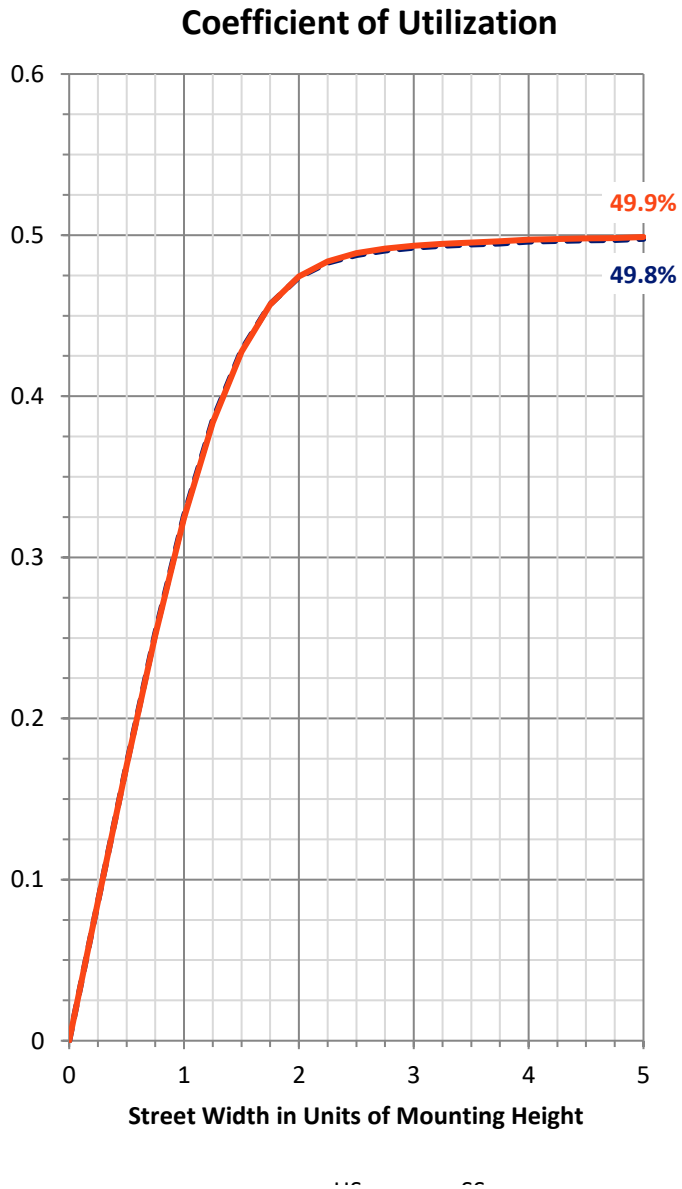
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3371.0	0.0	3371.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3371.0	0.0	3371.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	6742.0	0.0	6742.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.7	1.0
10°-20°	233.3	3.5
20°-30°	450.9	6.7
30°-40°	761.3	11.3
40°-50°	1207.3	17.9
50°-60°	1616.5	24.0
60°-70°	1538.4	22.8
70°-80°	802.8	11.9
80°-90°	60.8	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°	6742.0	100.0
0°-180°	6742.0	100.0



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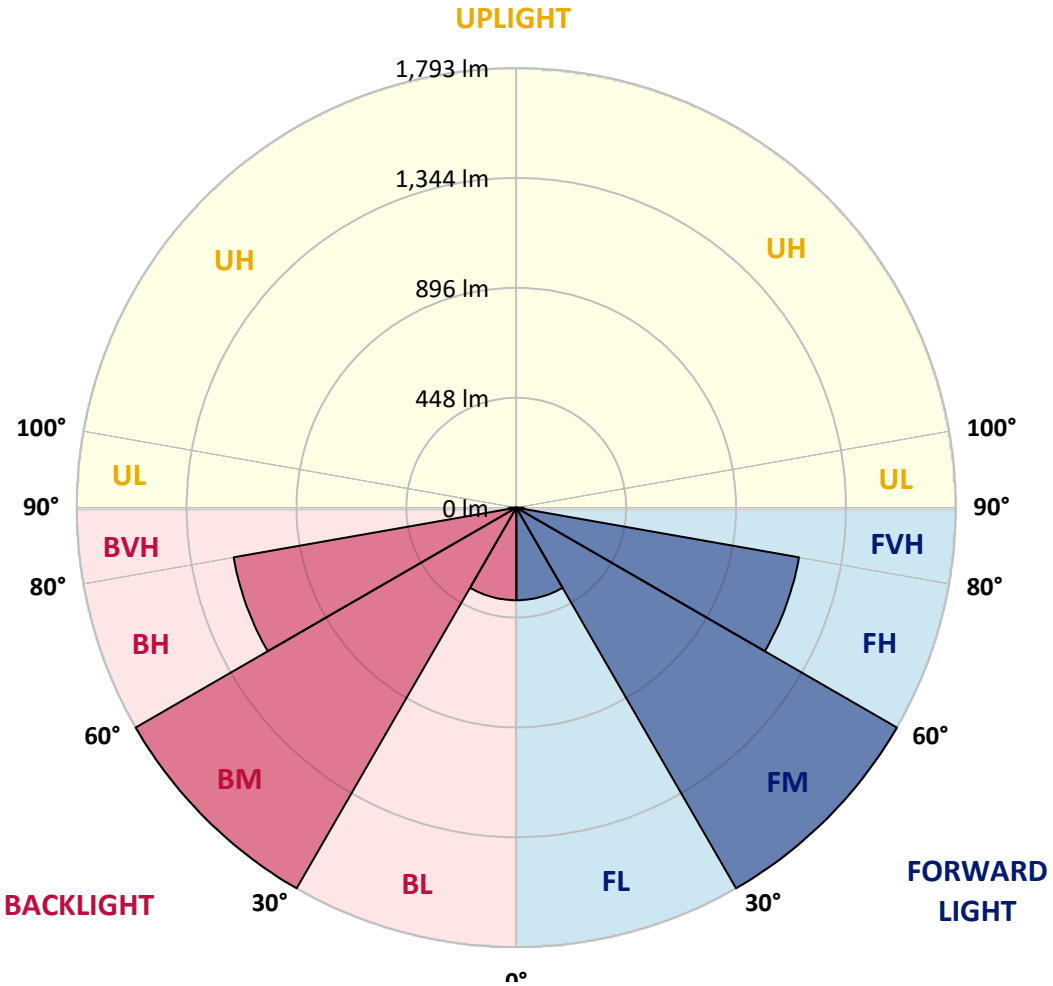
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	377.5	5.6			
FM	(30°-60°)	1792.6	26.6			
FH	(60°-80°)	1170.6	17.4			G1/1800
FVH	(80°-90°)	30.4	0.5			G1/100
BL	(0°-30°)	377.5	5.6	B1/500		
BM	(30°-60°)	1792.6	26.6	B2/2500		
BH	(60°-80°)	1170.6	17.4	B3/2500		G3/2500
BVH	(80°-90°)	30.4	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°	722.2	722.2	722.2	722.2	722.2	722.2	722.2	722.2	*722.2*	722.2	722.2
2.5°	722.2	721.5	722.2	722.9	722.5	722.5	724.3	725.3	*727.4*	727.0	726.7
5°	717.4	717.0	719.8	722.9	725.3	729.4	734.6	738.4	*743.2*	744.2	744.2
7.5°	715.0	713.9	718.7	724.3	731.8	742.2	752.1	762.5	*770.7*	773.5	774.2
10°	716.7	717.0	723.6	733.9	745.9	760.4	774.5	792.1	*803.8*	806.5	809.3
12.5°	724.6	723.9	734.9	751.4	768.0	786.2	802.7	822.0	*834.8*	841.3	844.0
15°	739.1	737.7	753.2	777.6	801.7	823.0	836.5	854.7	*869.5*	877.8	880.9
17.5°	756.3	757.0	777.3	808.9	840.6	864.7	877.4	886.7	*898.1*	905.3	908.8
20°	786.6	787.9	810.7	848.2	884.3	911.9	922.2	918.7	*921.8*	927.3	931.5
22.5°	827.2	827.9	853.3	894.0	931.8	962.1	969.0	954.9	*946.3*	950.1	952.8
25°	874.3	878.8	904.3	945.9	984.8	1013.7	1016.8	995.5	*974.2*	975.2	976.9
27.5°	931.8	936.0	961.8	1003.1	1042.7	1067.8	1067.4	1038.9	*1007.6*	999.6	1002.0
30°	994.1	998.6	1025.1	1067.8	1104.6	1126.7	1121.8	1087.8	*1043.0*	1028.2	1029.9
32.5°	1068.1	1070.9	1097.7	1140.4	1174.5	1192.1	1182.1	1140.1	*1084.3*	1067.4	1071.6
35°	1157.6	1161.8	1181.7	1222.0	1252.0	1266.4	1249.5	1200.0	*1137.3*	1118.4	1121.1
37.5°	1259.9	1257.1	1279.8	1315.6	1340.4	1349.4	1326.3	1267.4	*1197.9*	1175.5	1179.7
40°	1366.6	1365.2	1390.0	1424.4	1437.8	1443.3	1409.3	1344.9	*1267.8*	1243.7	1251.6
42.5°	1463.3	1462.3	1495.7	1533.9	1550.1	1543.9	1500.8	1427.2	*1348.7*	1321.1	1328.0
45°	1540.8	1539.4	1580.3	1634.0	1665.7	1655.4	1597.6	1518.0	*1430.6*	1402.0	1408.6
47.5°	1600.3	1601.0	1645.1	1711.5	1766.9	1770.7	1696.4	1610.6	*1520.8*	1488.4	1498.1
50°	1643.3	1645.4	1692.6	1766.2	1842.0	1875.4	1797.2	1705.6	*1614.1*	1577.6	1588.6
52.5°	1654.0	1657.8	1714.6	1801.0	1890.2	1953.8	1899.8	1796.9	*1702.5*	1667.8	1676.7
55°	1597.2	1604.8	1676.7	1798.2	1919.8	2005.5	1990.0	1889.5	*1791.7*	1755.9	1765.9
57.5°	1466.8	1477.4	1561.4	1720.1	1913.2	2040.9	2059.9	1978.3	*1880.9*	1846.4	1854.4
60°	1284.0	1296.7	1377.3	1550.4	1821.0	2054.0	2109.1	2064.7	*1962.8*	1929.4	1936.6
62.5°	1008.2	1024.8	1121.1	1324.2	1626.1	1993.1	2151.1	2142.8	*2036.4*	1994.8	1999.6
65°	646.8	664.4	765.9	1005.8	1366.2	1806.5	2164.2	2218.9	*2114.2*	2056.1	2063.3
67.5°	390.0	397.9	448.2	609.6	998.6	1525.3	2053.3	2303.2	*2205.1*	2132.8	2138.3
70°	249.6	254.0	284.0	358.0	564.5	1112.9	1778.6	2319.1	*2315.3*	2211.7	2211.0
72.5°	*169.4*	*170.7*	*178.7*	*212.0*	*319.4*	*632.3*	*1311.9*	*2099.4*	*2384.1*	*2313.2*	*2302.2*
75°	123.9	131.5	144.2	150.1	181.4	316.0	751.8	1475.0	*2009.3*	2040.2	1965.2
77.5°	92.3	92.6	110.2	117.0	129.4	168.3	318.1	823.4	*1247.5*	1309.8	1168.3
80°	78.1	74.0	73.7	94.3	97.4	105.0	142.2	284.3	*446.8*	270.9	204.8
82.5°	65.1	60.6	54.7	73.7	66.4	64.4	61.6	115.7	*142.2*	69.9	59.6
85°	45.4	43.4	41.3	48.2	37.9	32.4	29.6	54.0	*59.9*	29.6	26.2
87.5°	19.6	20.3	20.7	21.3	15.8	11.4	11.4	15.1	*15.1*	11.7	8.6
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)