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: P1201961

Luminaire Tested: GWC-SB1C-827-U-5NQ

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201961
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-18)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1C-827-U-5NQ
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE V NARROW OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6860 lumens
Efficiency:	N/A
Efficacy:	126.1 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B3 - U0 - G1

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

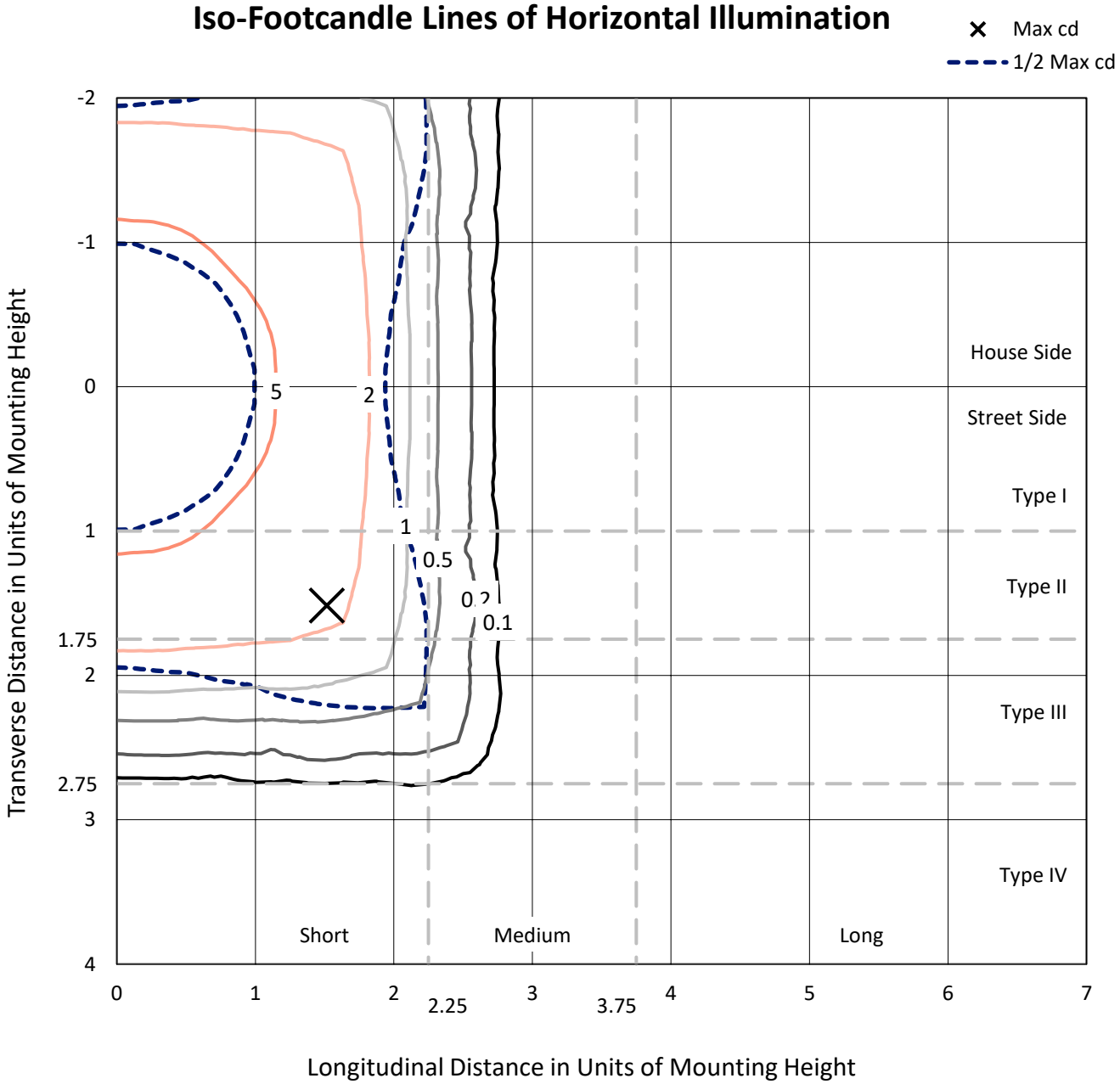


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Iso-Footcandle Lines of Horizontal Illumination



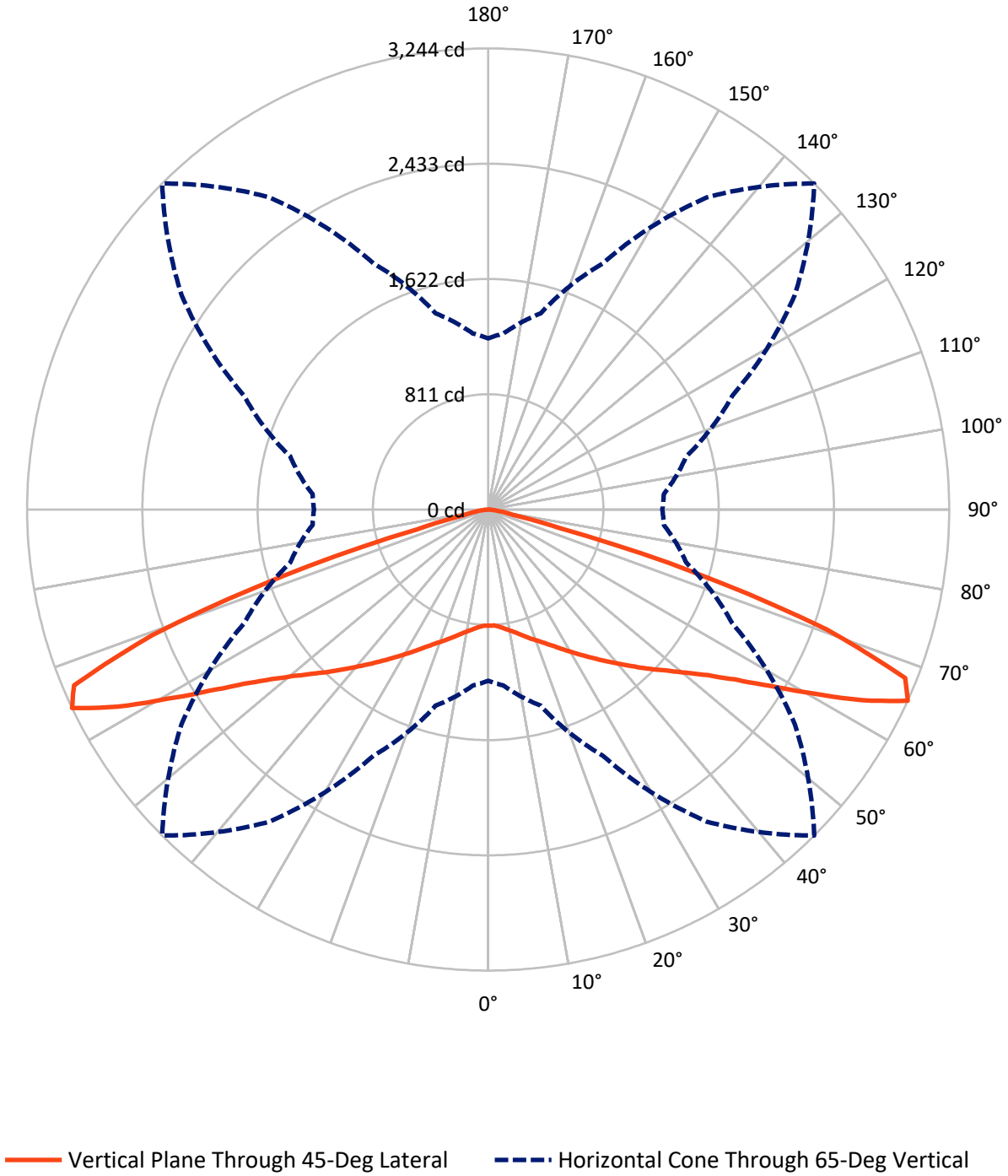
Based on 10 foot mounting height. Maximum calculated value = 8.3 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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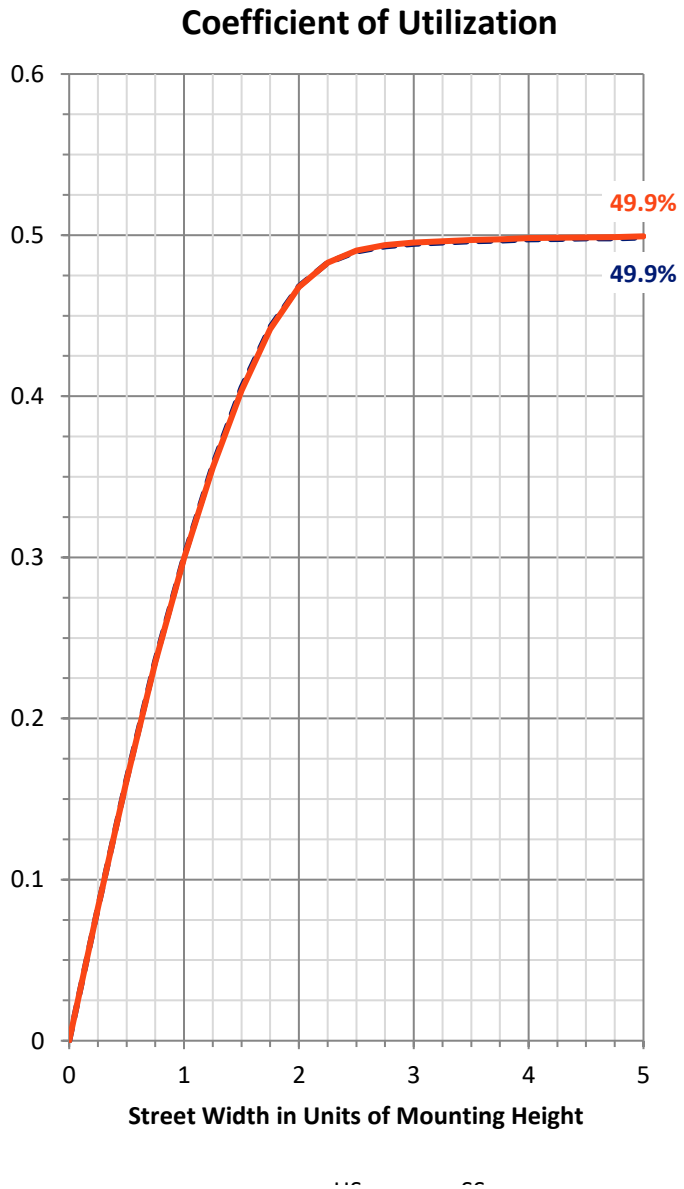
REPORT NUMBER: P1201961
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3430.0	0.0	3430.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3430.0	0.0	3430.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	6860.0	0.0	6860.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.6	1.2
10°-20°	262.9	3.8
20°-30°	496.4	7.2
30°-40°	812.9	11.8
40°-50°	1260.3	18.4
50°-60°	1861.8	27.1
60°-70°	1772.2	25.8
70°-80°	286.0	4.2
80°-90°	27.0	0.4
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°	6860.0	100.0
0°-180°	6860.0	100.0



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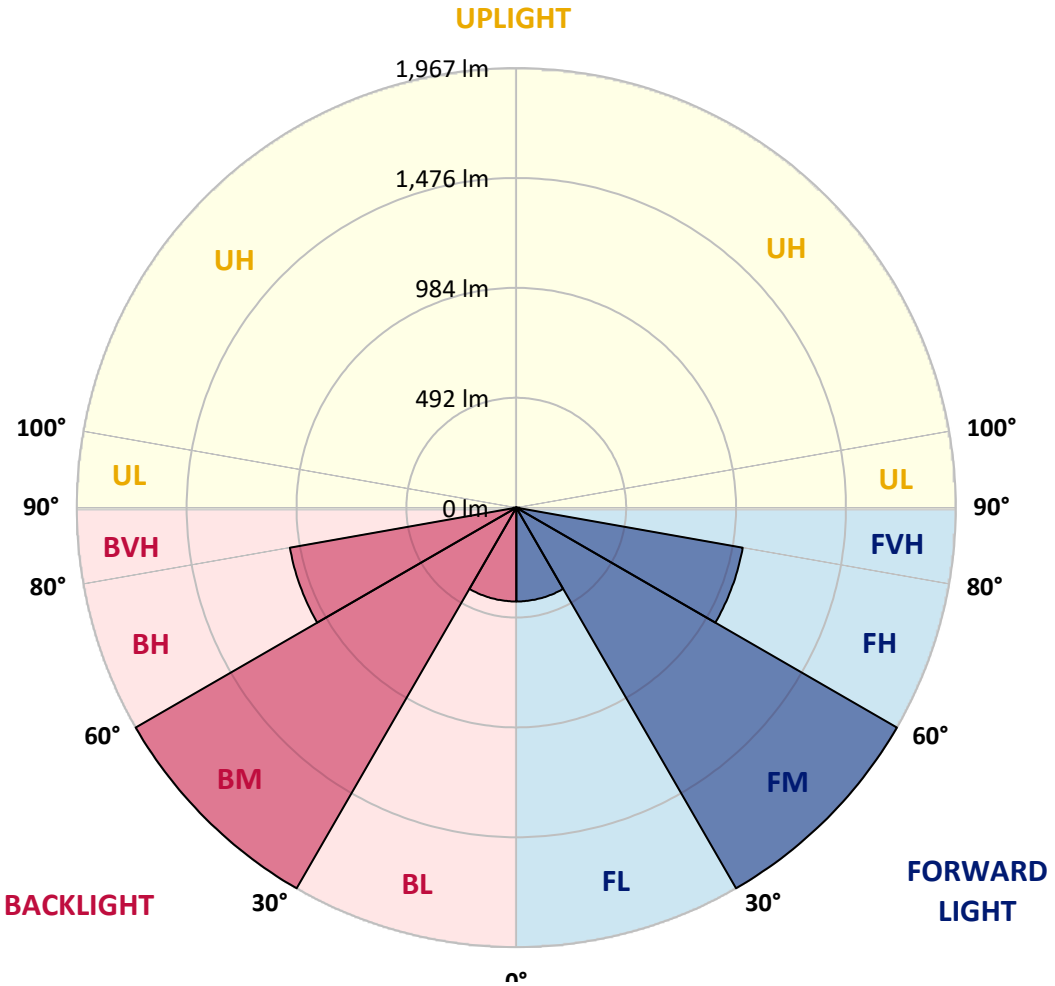
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	419.9	6.1			
FM	(30°-60°)	1967.5	28.7			
FH	(60°-80°)	1029.1	15.0			G1/1800
FVH	(80°-90°)	13.5	0.2			G1/100
BL	(0°-30°)	419.9	6.1	B1/500		
BM	(30°-60°)	1967.5	28.7	B2/2500		
BH	(60°-80°)	1029.1	15.0	B3/2500		G1/1800
BVH	(80°-90°)	13.5	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	816.4	816.4	816.4	816.4	816.4	*816.4*	816.4	816.4	816.4	816.4	816.4
2.5°	821.9	819.2	821.2	819.5	818.1	*816.8*	817.4	819.9	820.9	821.2	821.2
5°	832.9	830.5	831.6	831.6	829.1	*828.5*	828.8	830.5	832.6	832.6	832.6
7.5°	850.8	848.4	850.8	849.5	847.4	*846.7*	846.4	847.7	850.8	850.8	849.8
10°	872.5	869.8	871.1	870.4	868.0	*867.0*	866.7	868.7	871.5	871.1	870.4
12.5°	896.3	893.2	894.9	892.8	892.1	*891.1*	891.1	890.8	892.5	891.1	891.8
15°	922.8	920.7	921.4	920.0	921.0	*920.4*	917.6	916.2	916.9	914.8	915.2
17.5°	954.1	949.3	951.7	951.0	951.0	*952.4*	947.9	946.2	947.5	945.5	947.2
20°	990.2	985.4	986.4	985.1	983.3	*984.7*	979.2	980.6	981.6	980.2	983.3
22.5°	1029.8	1023.6	1023.3	1024.0	1020.2	*1020.5*	1016.7	1020.2	1022.2	1018.4	1022.2
25°	1070.4	1063.9	1068.4	1066.6	1061.8	*1062.8*	1060.1	1063.5	1065.3	1060.4	1065.9
27.5°	1113.4	1109.0	1113.1	1114.1	1108.3	*1112.4*	1108.3	1111.4	1113.1	1105.9	1111.4
30°	1163.7	1159.2	1163.0	1165.8	1158.9	*1165.4*	1162.0	1164.0	1164.4	1155.8	1160.9
32.5°	1218.4	1211.5	1221.2	1222.5	1215.0	*1222.9*	1218.4	1221.2	1222.9	1211.2	1219.1
35°	1285.2	1276.6	1287.6	1285.9	1279.3	*1285.9*	1281.7	1285.9	1290.0	1275.9	1284.5
37.5°	1357.1	1348.2	1359.9	1356.8	1350.6	*1355.1*	1352.7	1355.4	1361.9	1346.8	1356.1
40°	1436.3	1425.3	1441.1	1435.6	1429.7	*1429.1*	1430.4	1432.2	1440.8	1423.9	1429.4
42.5°	1521.0	1509.3	1533.0	1524.4	1516.1	*1510.6*	1515.1	1518.5	1526.8	1507.9	1517.9
45°	1617.7	1604.2	1635.2	1624.9	1611.8	*1600.5*	1607.7	1612.9	1624.9	1602.2	1613.9
47.5°	1724.4	1709.2	1742.3	1739.2	1717.8	*1693.0*	1709.6	1724.4	1733.3	1705.8	1715.1
50°	1828.7	1817.0	1860.3	1864.1	1838.0	*1803.2*	1826.2	1848.6	1851.0	1814.9	1819.4
52.5°	1926.4	1914.7	1977.7	2001.4	1978.0	*1936.7*	1961.2	1983.9	1965.6	1918.8	1920.2
55°	2004.5	1994.9	2075.1	2136.4	2144.3	*2110.2*	2124.7	2124.0	2064.1	1992.1	1994.6
57.5°	2023.5	2022.1	2123.3	2253.0	2335.6	*2339.8*	2311.2	2238.2	2109.2	2012.5	2006.3
60°	1937.4	1946.0	2085.1	2314.0	2534.2	*2625.8*	2502.2	2294.0	2057.9	1923.7	1907.8
62.5°	1680.0	1702.7	1870.3	2239.6	2694.6	*2954.8*	2655.4	2209.3	1847.2	1672.1	1661.7
65°	*1204.0*	*1243.5*	*1428.7*	*1911.3*	*2680.2*	*3244.0*	*2633.4*	*1895.8*	*1442.5*	*1240.4*	*1225.6*
67.5°	546.2	586.5	743.8	1308.6	2329.8	*3165.5*	2324.3	1322.4	781.0	588.6	580.0
70°	197.9	204.8	255.4	523.9	1488.9	*2522.2*	1552.6	527.6	271.6	218.2	215.5
72.5°	119.8	120.8	131.5	187.6	517.3	*1531.3*	539.3	193.8	134.2	119.1	121.2
75°	76.1	75.4	93.6	114.6	183.5	*516.6*	192.4	114.6	93.3	85.0	85.7
77.5°	54.7	56.4	67.1	85.7	115.6	*175.2*	113.6	81.9	67.1	55.1	56.1
80°	41.0	42.0	48.9	66.8	81.2	*109.1*	72.3	60.6	50.6	34.4	35.5
82.5°	29.6	29.6	32.0	48.5	49.6	*58.9*	39.2	42.7	33.4	24.4	24.4
85°	17.6	17.2	20.0	28.9	25.8	*21.7*	17.9	26.2	21.0	15.1	14.8
87.5°	6.2	6.5	6.2	8.3	6.9	*5.9*	5.5	7.2	5.9	5.2	4.8
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)