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: P1202335

Luminaire Tested: GWC-SB1D-827-U-5NQ

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202335
	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-SB1D-827-U-5NQ
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE V NARROW OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9322 lumens
Efficiency:	N/A
Efficacy:	117.1 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):	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

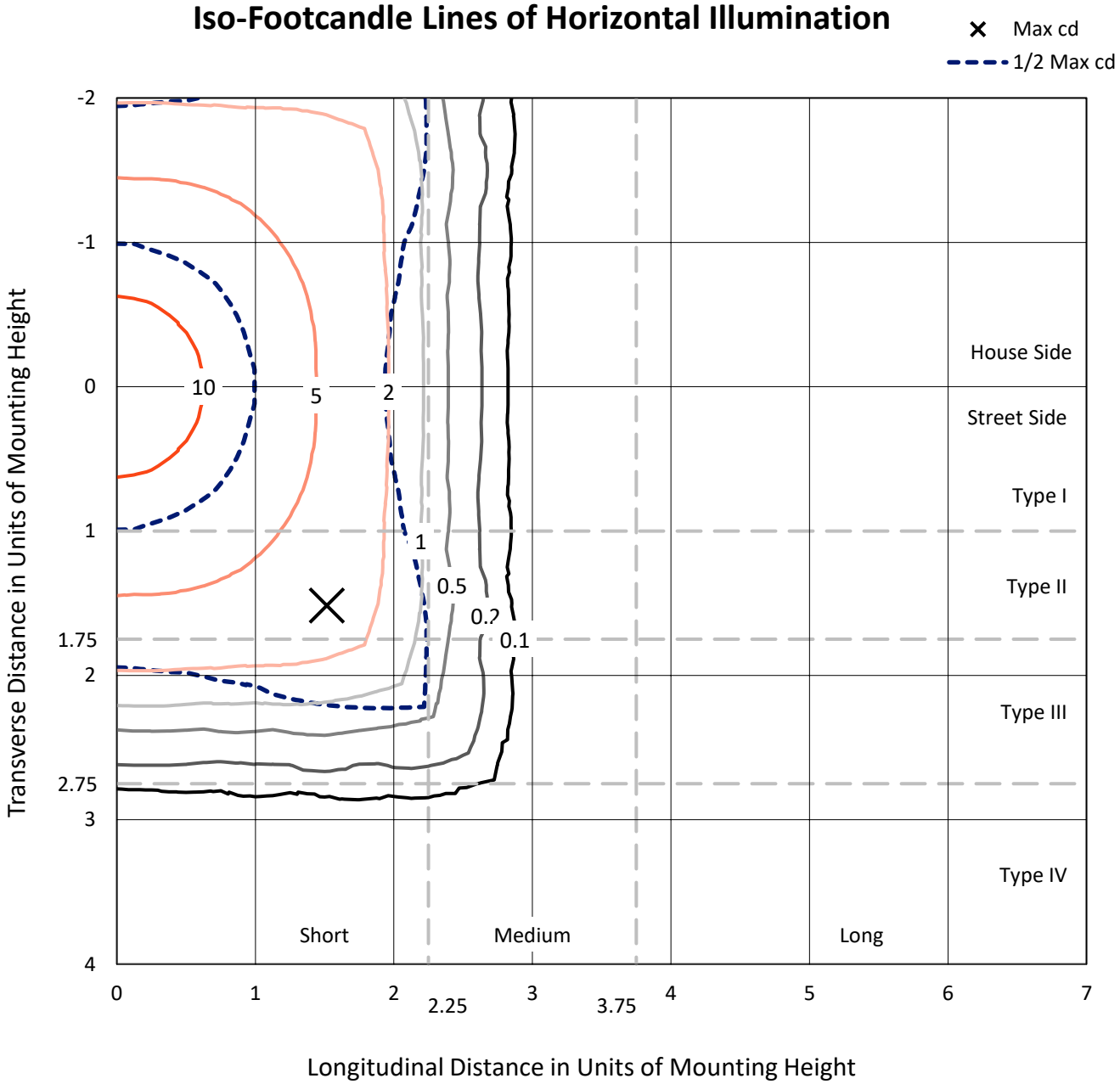


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Iso-Footcandle Lines of Horizontal Illumination



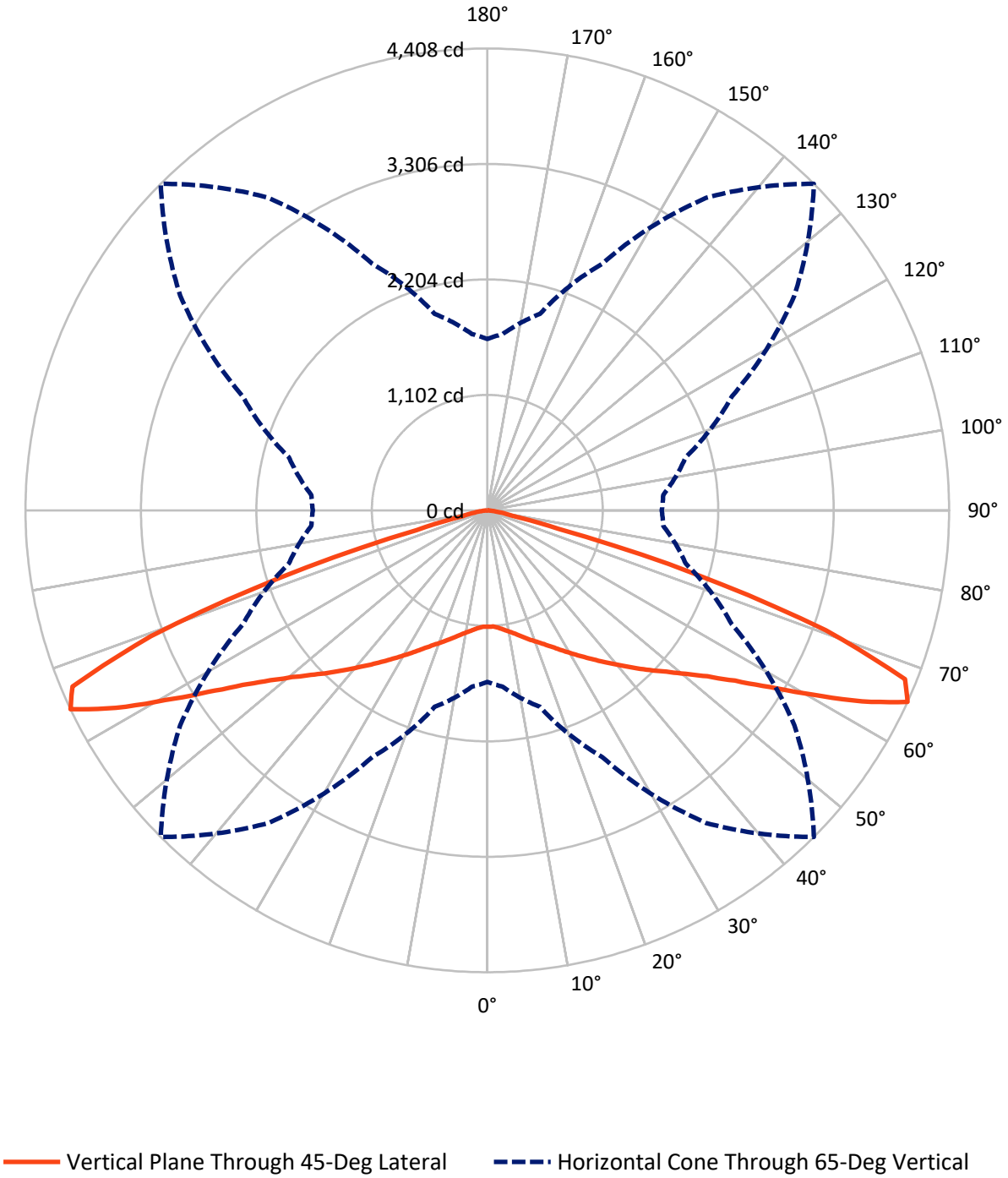
Based on 10 foot mounting height. Maximum calculated value = 11.3 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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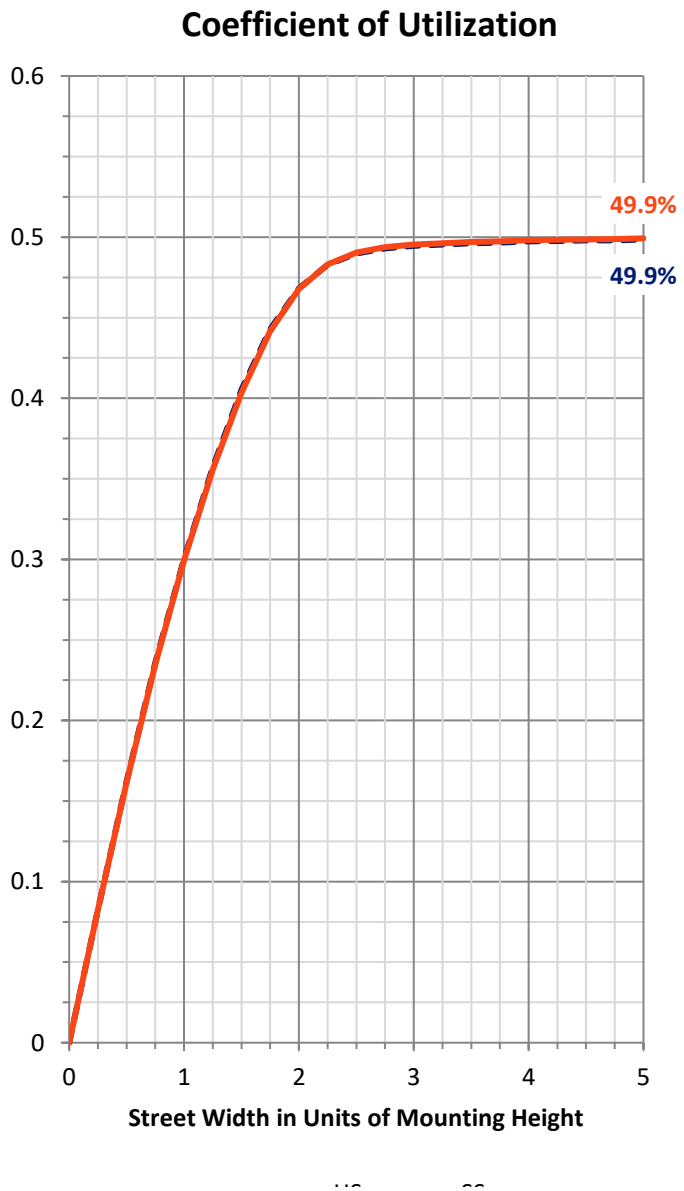
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4661.0	0.0	4661.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4661.0	0.0	4661.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	9322.0	0.0	9322.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	109.5	1.2
10°-20°	357.3	3.8
20°-30°	674.6	7.2
30°-40°	1104.6	11.8
40°-50°	1712.7	18.4
50°-60°	2529.9	27.1
60°-70°	2408.3	25.8
70°-80°	388.6	4.2
80°-90°	36.6	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°	9322.0	100.0
0°-180°	9322.0	100.0



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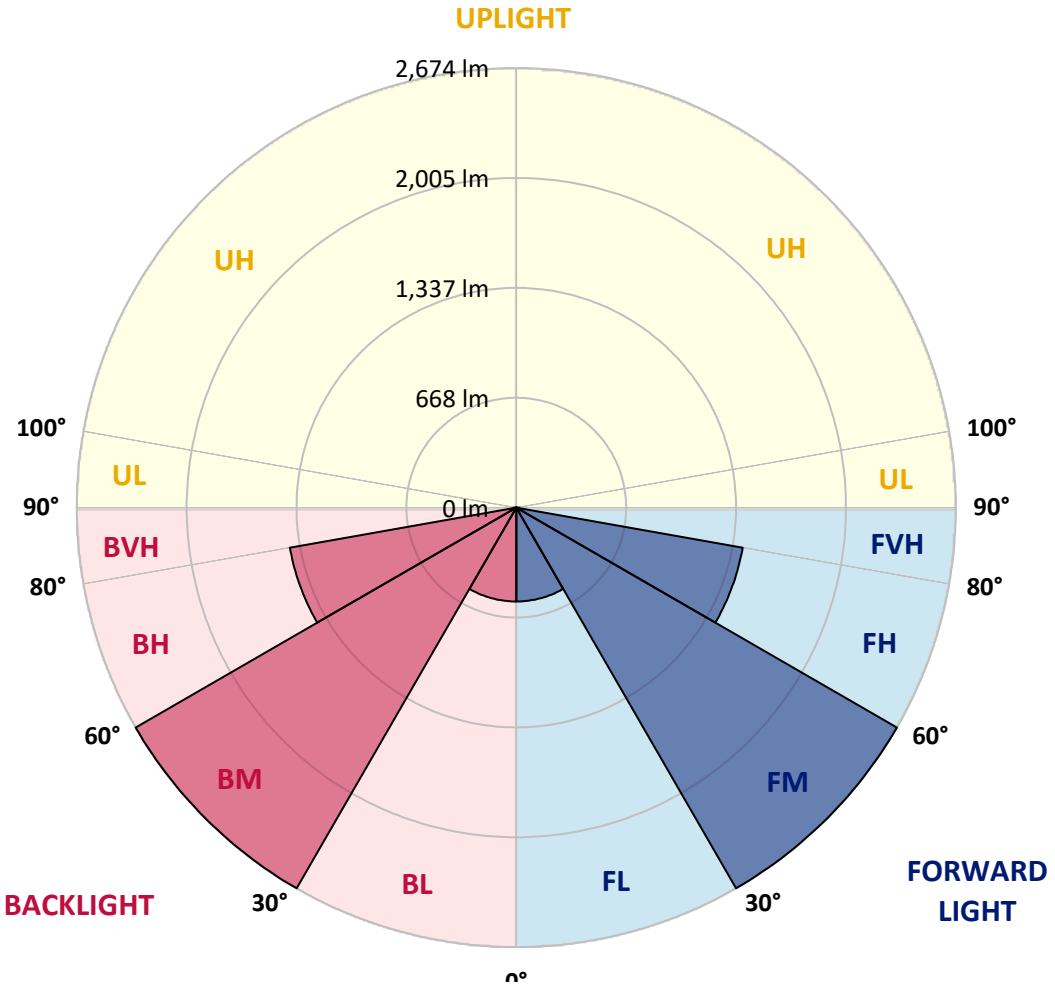
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	570.7	6.1			
FM	(30°-60°)	2673.6	28.7			
FH	(60°-80°)	1398.4	15.0			G1/1800
FVH	(80°-90°)	18.3	0.2			G1/100
BL	(0°-30°)	570.7	6.1	B2/1000		
BM	(30°-60°)	2673.6	28.7	B3/5000		
BH	(60°-80°)	1398.4	15.0	B3/2500		G1/1800
BVH	(80°-90°)	18.3	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°	1109.4	1109.4	1109.4	1109.4	1109.4	*1109.4*	1109.4	1109.4	1109.4	1109.4	1109.4
2.5°	1116.9	1113.2	1116.0	1113.6	1111.7	*1109.9*	1110.8	1114.1	1115.5	1116.0	1116.0
5°	1131.9	1128.6	1130.0	1130.0	1126.7	*1125.8*	1126.2	1128.6	1131.4	1131.4	1131.4
7.5°	1156.2	1152.9	1156.2	1154.3	1151.5	*1150.6*	1150.1	1152.0	1156.2	1156.2	1154.8
10°	1185.6	1181.9	1183.8	1182.8	1179.6	*1178.2*	1177.7	1180.5	1184.2	1183.8	1182.8
12.5°	1217.9	1213.7	1216.0	1213.2	1212.3	*1210.9*	1210.9	1210.4	1212.8	1210.9	1211.8
15°	1253.9	1251.1	1252.1	1250.2	1251.6	*1250.7*	1246.9	1245.0	1246.0	1243.2	1243.6
17.5°	1296.5	1289.9	1293.2	1292.3	1292.3	*1294.2*	1288.1	1285.7	1287.6	1284.8	1287.1
20°	1345.6	1339.1	1340.5	1338.6	1336.3	*1338.1*	1330.6	1332.5	1333.9	1332.0	1336.3
22.5°	1399.4	1391.0	1390.5	1391.4	1386.3	*1386.8*	1381.6	1386.3	1389.1	1384.0	1389.1
25°	1454.6	1445.7	1451.8	1449.4	1442.9	*1444.3*	1440.6	1445.2	1447.6	1441.0	1448.5
27.5°	1513.0	1507.0	1512.6	1514.0	1506.0	*1511.6*	1506.0	1510.2	1512.6	1502.8	1510.2
30°	1581.3	1575.3	1580.4	1584.1	1574.8	*1583.7*	1579.0	1581.8	1582.3	1570.6	1577.6
32.5°	1655.7	1646.3	1659.4	1661.3	1651.0	*1661.8*	1655.7	1659.4	1661.8	1645.9	1656.6
35°	1746.4	1734.7	1749.7	1747.4	1738.5	*1747.4*	1741.8	1747.4	1753.0	1733.8	1745.5
37.5°	1844.2	1832.0	1847.9	1843.7	1835.3	*1841.4*	1838.1	1841.8	1850.7	1830.2	1842.8
40°	1951.8	1936.8	1958.3	1950.8	1942.9	*1941.9*	1943.8	1946.1	1957.8	1934.9	1942.4
42.5°	2066.8	2050.9	2083.2	2071.5	2060.3	*2052.8*	2058.9	2063.5	2074.8	2049.0	2062.6
45°	2198.2	2180.0	2222.1	2208.1	2190.3	*2174.9*	2184.7	2191.7	2208.1	2177.2	2193.1
47.5°	2343.2	2322.7	2367.6	2363.3	2334.3	*2300.7*	2323.1	2343.2	2355.4	2318.0	2330.6
50°	2485.0	2469.0	2528.0	2533.1	2497.6	*2450.3*	2481.7	2512.1	2515.4	2466.2	2472.3
52.5°	2617.8	2601.9	2687.5	2719.7	2687.9	*2631.8*	2665.0	2695.9	2671.1	2607.5	2609.4
55°	2724.0	2710.9	2819.8	2903.1	2913.8	*2867.5*	2887.2	2886.2	2804.9	2707.1	2710.4
57.5°	2749.7	2747.8	2885.3	3061.6	3173.9	*3179.5*	3140.7	3041.5	2866.1	2734.7	2726.3
60°	2632.7	2644.4	2833.4	3144.4	3443.8	*3568.2*	3400.3	3117.3	2796.4	2614.0	2592.5
62.5°	2282.9	2313.8	2541.5	3043.4	3661.7	*4015.3*	3608.4	3002.2	2510.2	2272.1	2258.1
65°	*1636.1*	*1689.8*	*1941.5*	*2597.2*	*3642.1*	*4408.2*	*3578.5*	*2576.2*	*1960.2*	*1685.6*	*1665.5*
67.5°	742.3	797.0	1010.7	1778.2	3165.9	*4301.5*	3158.5	1796.9	1061.2	799.8	788.1
70°	268.9	278.3	347.0	711.9	2023.3	*3427.4*	2109.8	717.0	369.0	296.5	292.8
72.5°	162.8	164.2	178.7	254.9	703.0	*2080.8*	732.9	263.3	182.4	161.8	164.6
75°	103.4	102.4	127.2	155.7	249.3	*702.0*	261.5	155.7	126.7	115.5	116.5
77.5°	74.4	76.7	91.2	116.5	157.2	*238.1*	154.3	111.3	91.2	74.8	76.2
80°	55.7	57.1	66.4	90.7	110.4	*148.3*	98.2	82.3	68.8	46.8	48.2
82.5°	40.2	40.2	43.5	65.9	67.4	*80.0*	53.3	58.0	45.4	33.2	33.2
85°	23.9	23.4	27.1	39.3	35.1	*29.5*	24.3	35.5	28.5	20.6	20.1
87.5°	8.4	8.9	8.4	11.2	9.4	*8.0*	7.5	9.8	8.0	7.0	6.5
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)