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: P1202249

Luminaire Tested: GWC-SB1D-735-U-RW

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202249
	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-SB1D-735-U-RW
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 900mA LIGHTSQUARE WITH 26 LEDS AND RECTANGULAR WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10534 lumens
Efficiency:	N/A
Efficacy:	132.3 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):	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

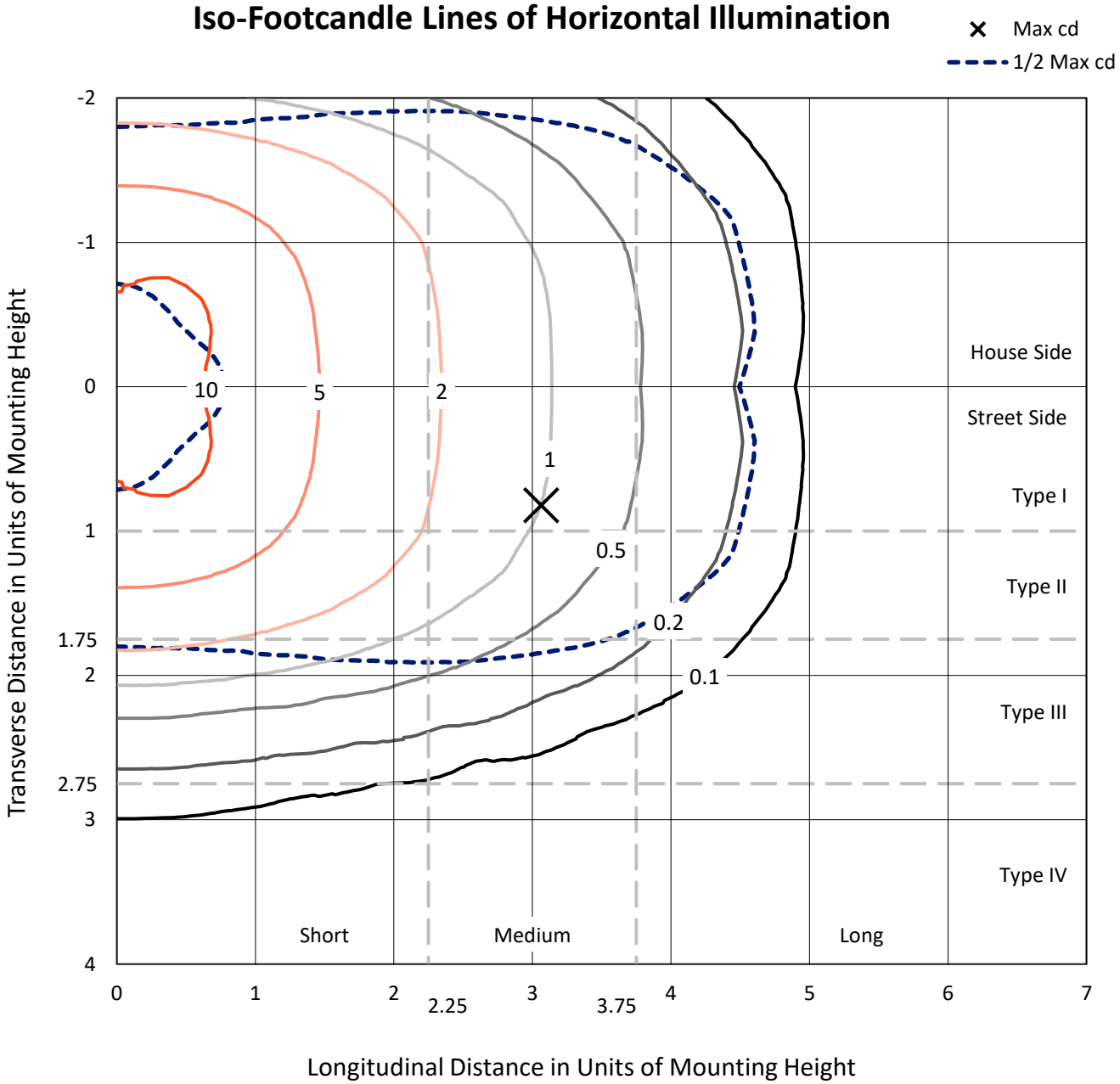


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Iso-Footcandle Lines of Horizontal Illumination



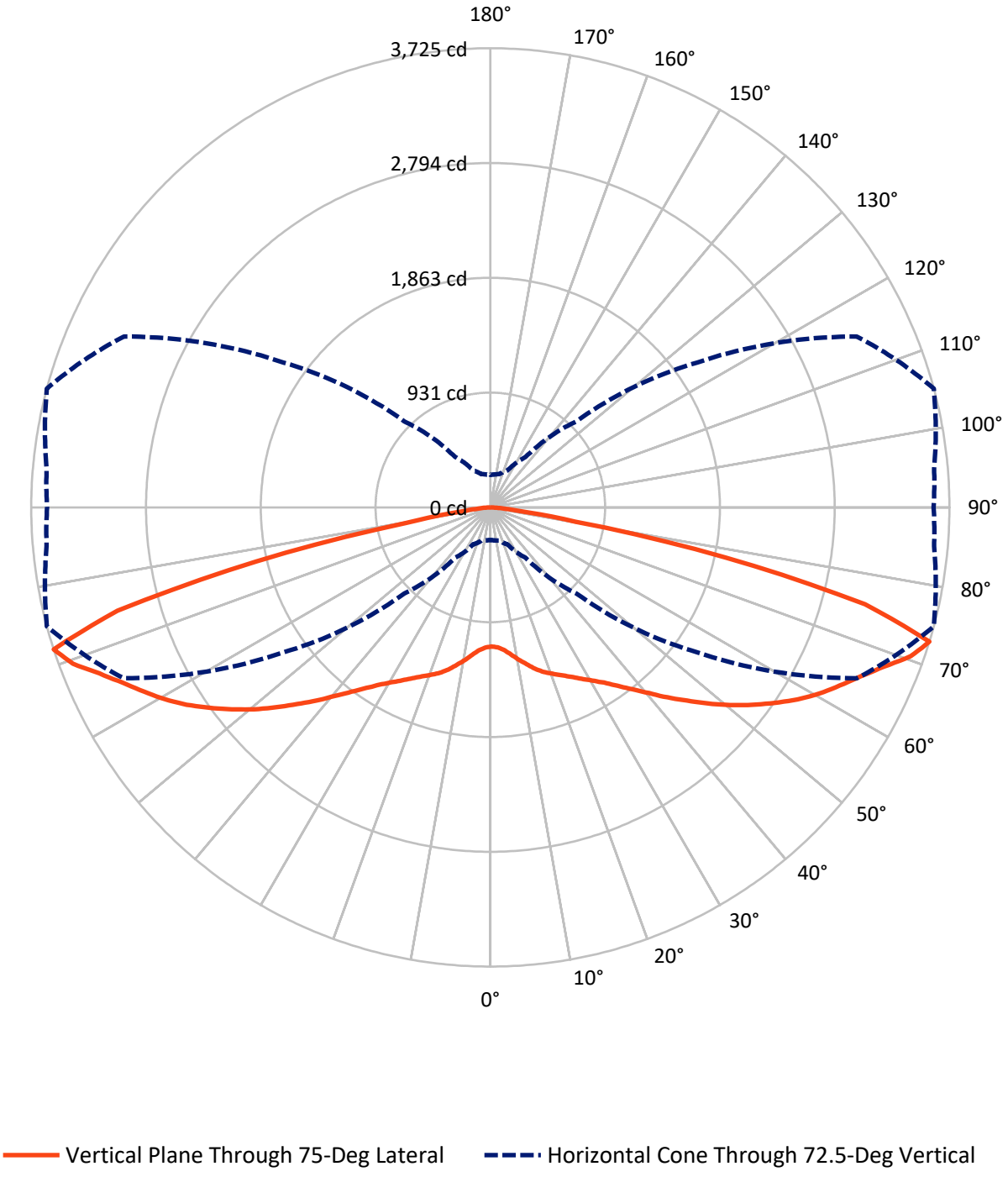
Based on 10 foot mounting height. Maximum calculated value = 12.4 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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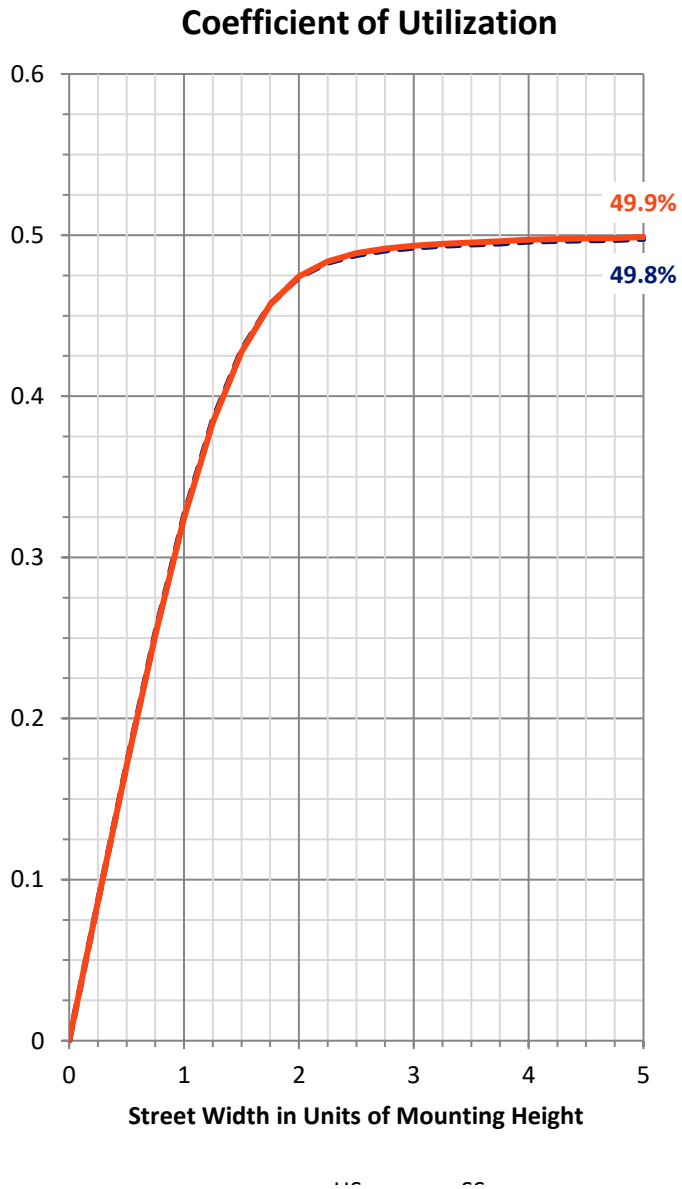
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5267.0	0.0	5267.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5267.0	0.0	5267.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	10534.0	0.0	10534.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.5	1.0
10°-20°	364.6	3.5
20°-30°	704.4	6.7
30°-40°	1189.5	11.3
40°-50°	1886.4	17.9
50°-60°	2525.7	24.0
60°-70°	2403.6	22.8
70°-80°	1254.3	11.9
80°-90°	94.9	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°	10534.0	100.0
0°-180°	10534.0	100.0



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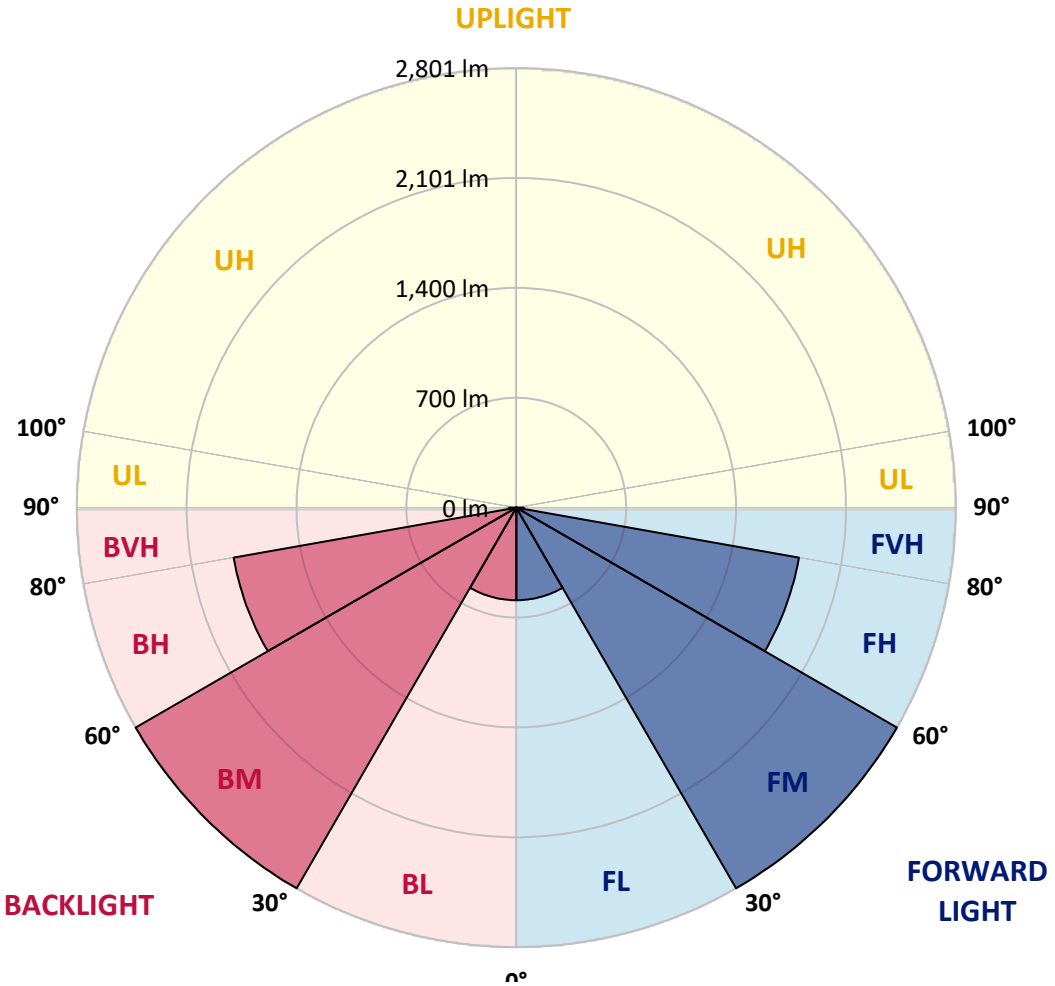
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	589.8	5.6			
FM	(30°-60°)	2800.8	26.6			
FH	(60°-80°)	1829.0	17.4			G2/5000
FVH	(80°-90°)	47.5	0.5			G1/100
BL	(0°-30°)	589.8	5.6	B2/1000		
BM	(30°-60°)	2800.8	26.6	B3/5000		
BH	(60°-80°)	1829.0	17.4	B3/2500		G3/2500
BVH	(80°-90°)	47.5	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°	1128.4	1128.4	1128.4	1128.4	1128.4	1128.4	1128.4	1128.4	*1128.4*	1128.4	1128.4
2.5°	1128.4	1127.3	1128.4	1129.5	1128.9	1128.9	1131.6	1133.2	*1136.4*	1135.9	1135.4
5°	1120.9	1120.3	1124.6	1129.5	1133.2	1139.7	1147.7	1153.7	*1161.2*	1162.8	1162.8
7.5°	1117.1	1115.5	1123.0	1131.6	1143.4	1159.6	1175.2	1191.3	*1204.2*	1208.5	1209.6
10°	1119.8	1120.3	1130.5	1146.7	1165.5	1188.1	1210.1	1237.6	*1255.8*	1260.1	1264.5
12.5°	1132.1	1131.1	1148.3	1174.1	1199.9	1228.4	1254.2	1284.4	*1304.3*	1314.5	1318.8
15°	1154.7	1152.6	1176.8	1215.0	1252.6	1286.0	1306.9	1335.4	*1358.6*	1371.5	1376.3
17.5°	1181.6	1182.7	1214.4	1263.9	1313.4	1351.0	1370.9	1385.5	*1403.2*	1414.5	1419.9
20°	1229.0	1231.1	1266.6	1325.2	1381.7	1424.7	1440.9	1435.5	*1440.3*	1448.9	1455.4
22.5°	1292.4	1293.5	1333.3	1396.8	1455.9	1503.3	1514.0	1492.0	*1478.5*	1484.4	1488.7
25°	1366.1	1373.1	1412.9	1478.0	1538.7	1583.9	1588.8	1555.4	*1522.1*	1523.7	1526.4
27.5°	1455.9	1462.4	1502.7	1567.3	1629.1	1668.4	1667.8	1623.2	*1574.2*	1561.9	1565.6
30°	1553.3	1560.3	1601.7	1668.4	1725.9	1760.3	1752.8	1699.6	*1629.6*	1606.5	1609.2
32.5°	1668.9	1673.2	1715.2	1781.9	1835.1	1862.5	1846.9	1781.3	*1694.2*	1667.8	1674.3
35°	1808.7	1815.2	1846.4	1909.3	1956.1	1978.7	1952.3	1874.9	*1777.0*	1747.4	1751.7
37.5°	1968.5	1964.2	1999.7	2055.6	2094.3	2108.3	2072.3	1980.3	*1871.7*	1836.7	1843.2
40°	2135.2	2133.1	2171.8	2225.6	2246.5	2255.1	2201.9	2101.3	*1980.9*	1943.2	1955.6
42.5°	2286.3	2284.7	2336.9	2396.6	2421.9	2412.2	2345.0	2229.9	*2107.2*	2064.2	2075.0
45°	2407.4	2405.2	2469.2	2553.1	2602.6	2586.5	2496.1	2371.9	*2235.2*	2190.6	2200.8
47.5°	2500.4	2501.5	2570.3	2674.1	2760.7	2766.6	2650.5	2516.5	*2376.2*	2325.6	2340.7
50°	2567.6	2570.9	2644.5	2759.6	2878.0	2930.1	2808.0	2665.0	*2521.9*	2464.9	2482.1
52.5°	2584.3	2590.2	2679.0	2814.0	2953.3	3052.8	2968.3	2807.5	*2660.1*	2605.8	2619.8
55°	2495.6	2507.4	2619.8	2809.7	2999.5	3133.4	3109.2	2952.2	*2799.4*	2743.5	2759.1
57.5°	2291.7	2308.4	2439.6	2687.6	2989.3	3188.8	3218.4	3090.9	*2938.7*	2885.0	2897.3
60°	2006.1	2026.0	2151.9	2422.4	2845.2	3209.3	3295.3	3225.9	*3066.7*	3014.6	3025.9
62.5°	1575.3	1601.1	1751.7	2069.1	2540.7	3114.1	3360.9	3348.0	*3181.8*	3116.8	3124.3
65°	1010.6	1038.0	1196.7	1571.6	2134.7	2822.6	3381.4	3466.9	*3303.4*	3212.5	3223.8
67.5°	609.4	621.7	700.3	952.5	1560.3	2383.2	3208.2	3598.7	*3445.4*	3332.4	3341.0
70°	389.9	396.9	443.7	559.3	882.1	1738.8	2779.0	3623.4	*3617.5*	3455.6	3454.5
72.5°	*264.6*	*266.8*	*279.1*	*331.3*	*499.1*	*988.0*	*2049.7*	*3280.3*	*3725.1*	*3614.3*	*3597.0*
75°	193.6	205.5	225.4	234.5	283.4	493.7	1174.6	2304.6	*3139.3*	3187.8	3070.5
77.5°	144.1	144.7	172.1	182.9	202.2	263.0	497.0	1286.5	*1949.1*	2046.5	1825.4
80°	122.1	115.6	115.1	147.4	152.2	164.0	222.1	444.3	*698.1*	423.3	320.0
82.5°	101.7	94.7	85.5	115.1	103.8	100.6	96.3	180.7	*222.1*	109.2	93.0
85°	71.0	67.8	64.5	75.3	59.2	50.6	46.3	84.4	*93.6*	46.3	40.9
87.5°	30.7	31.7	32.3	33.3	24.7	17.7	17.7	23.7	*23.7*	18.3	13.4
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)