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: P1202623

Luminaire Tested: GWC-SB2A-735-U-RW

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202623
	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-SB2A-735-U-RW
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND RECTANGULAR WIDE OP
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9236 lumens
Efficiency:	N/A
Efficacy:	161.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B3 - U0 - G3

Input Watts (W):	57.3
Input Voltage (V):	120.0
Input Current (Ain):	0.484
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.038
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

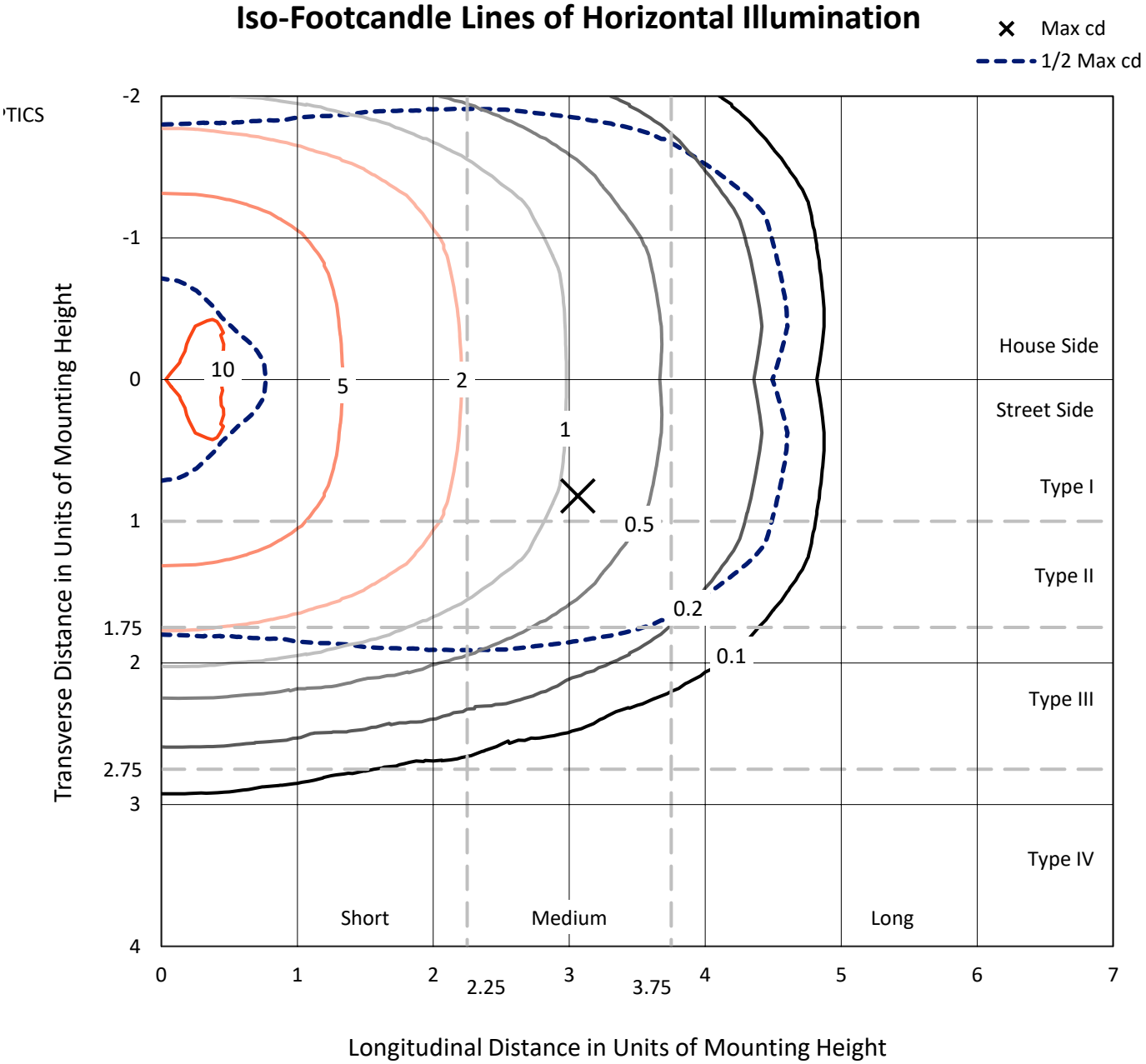


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Iso-Footcandle Lines of Horizontal Illumination



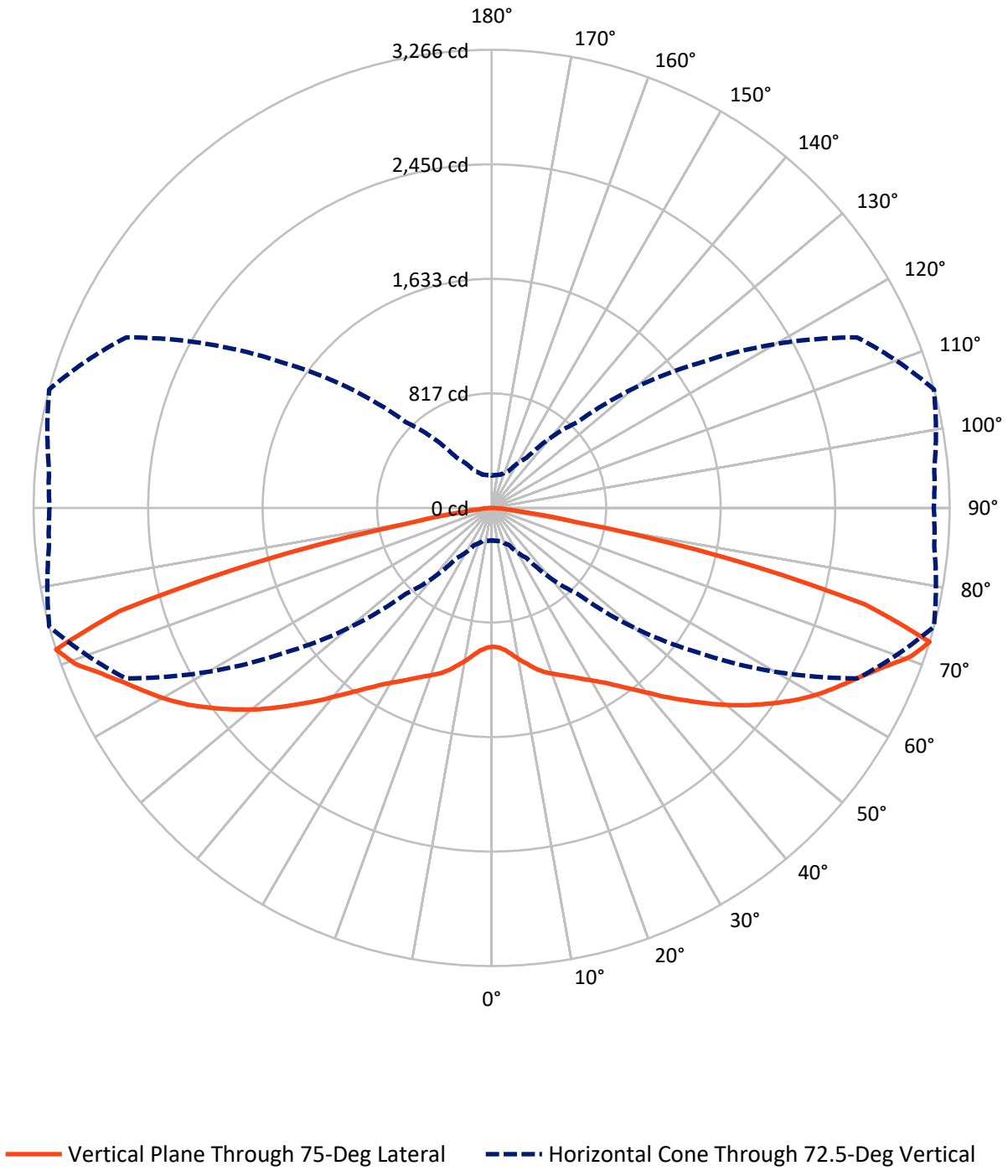
Based on 10 foot mounting height. Maximum calculated value = 10.8 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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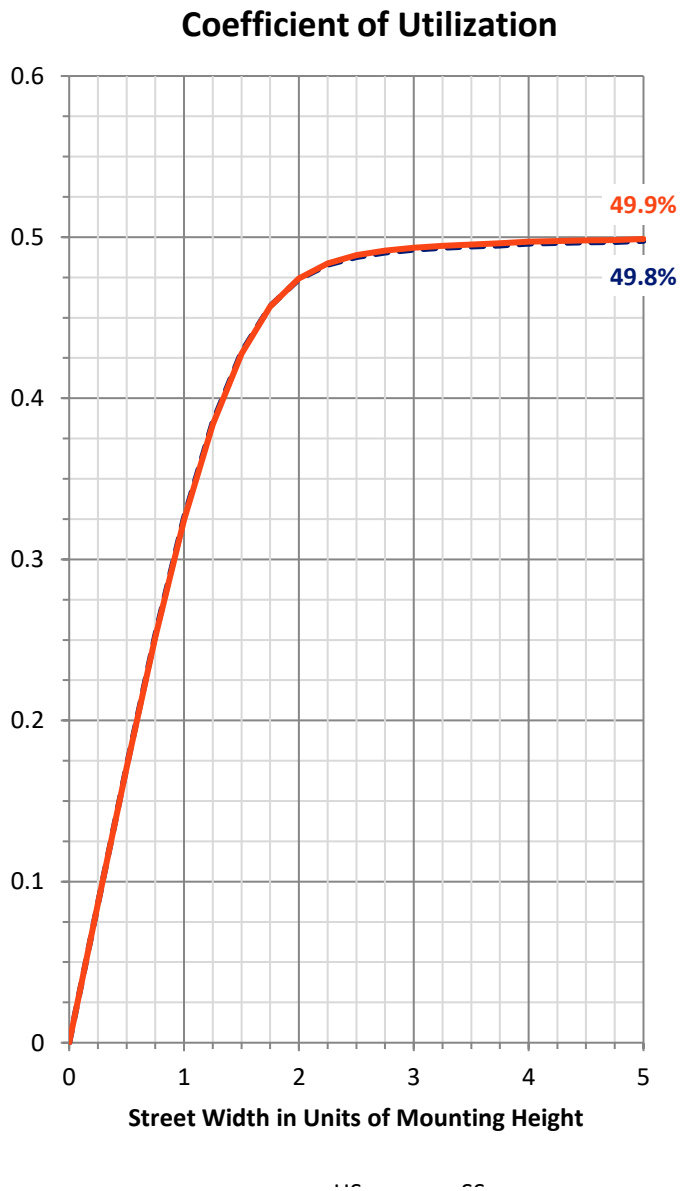
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4618.0	0.0	4618.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4618.0	0.0	4618.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	9236.0	0.0	9236.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.9	1.0
10°-20°	319.6	3.5
20°-30°	617.6	6.7
30°-40°	1042.9	11.3
40°-50°	1654.0	17.9
50°-60°	2214.5	24.0
60°-70°	2107.5	22.8
70°-80°	1099.7	11.9
80°-90°	83.2	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°	9236.0	100.0
0°-180°	9236.0	100.0



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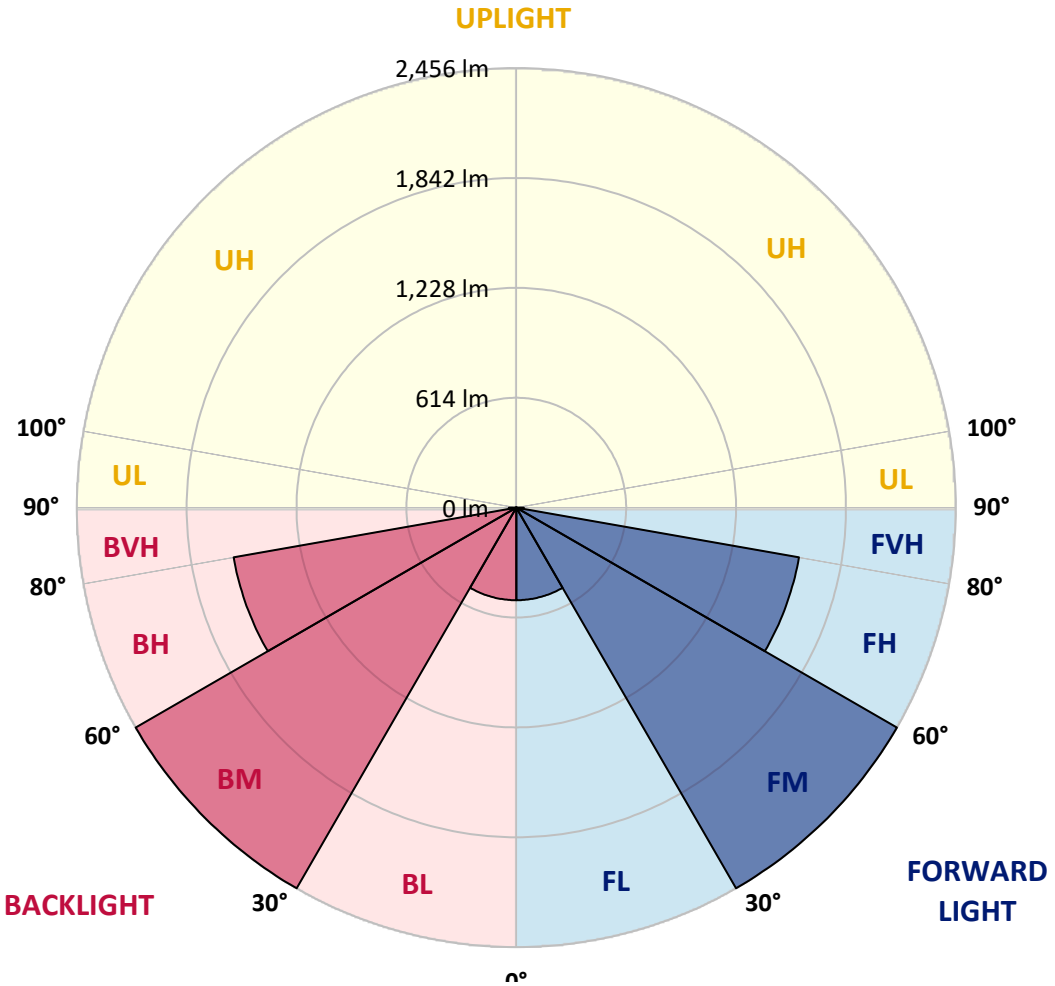
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	517.1	5.6			
FM	(30°-60°)	2455.7	26.6			
FH	(60°-80°)	1603.6	17.4			G1/1800
FVH	(80°-90°)	41.6	0.5			G1/100
BL	(0°-30°)	517.1	5.6	B2/1000		
BM	(30°-60°)	2455.7	26.6	B2/2500		
BH	(60°-80°)	1603.6	17.4	B3/2500		G3/2500
BVH	(80°-90°)	41.6	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°	989.3	989.3	989.3	989.3	989.3	989.3	989.3	989.3	*989.3*	989.3	989.3
2.5°	989.3	988.4	989.3	990.3	989.8	989.8	992.2	993.6	*996.4*	995.9	995.5
5°	982.7	982.3	986.0	990.3	993.6	999.2	1006.3	1011.5	*1018.1*	1019.5	1019.5
7.5°	979.4	978.0	984.6	992.2	1002.5	1016.7	1030.4	1044.5	*1055.8*	1059.6	1060.5
10°	981.8	982.3	991.2	1005.4	1021.9	1041.7	1061.0	1085.1	*1101.1*	1104.9	1108.6
12.5°	992.6	991.7	1006.8	1029.4	1052.1	1077.1	1099.7	1126.1	*1143.5*	1152.5	1156.3
15°	1012.4	1010.6	1031.8	1065.3	1098.3	1127.5	1145.9	1170.9	*1191.2*	1202.5	1206.7
17.5°	1036.0	1037.0	1064.8	1108.2	1151.6	1184.6	1202.0	1214.7	*1230.3*	1240.2	1244.9
20°	1077.5	1079.4	1110.5	1161.9	1211.4	1249.2	1263.3	1258.6	*1262.8*	1270.4	1276.1
22.5°	1133.2	1134.1	1169.0	1224.7	1276.5	1318.0	1327.5	1308.1	*1296.3*	1301.5	1305.3
25°	1197.8	1203.9	1238.8	1295.9	1349.1	1388.8	1393.0	1363.8	*1334.5*	1335.9	1338.3
27.5°	1276.5	1282.2	1317.5	1374.1	1428.4	1462.8	1462.3	1423.2	*1380.3*	1369.4	1372.7
30°	1361.9	1368.0	1404.3	1462.8	1513.2	1543.4	1536.8	1490.1	*1428.8*	1408.6	1410.9
32.5°	1463.3	1467.0	1503.8	1562.3	1609.0	1633.0	1619.4	1561.8	*1485.4*	1462.3	1468.0
35°	1585.9	1591.5	1618.9	1674.1	1715.1	1734.9	1711.8	1643.9	*1558.0*	1532.1	1535.9
37.5°	1725.9	1722.2	1753.3	1802.3	1836.3	1848.5	1816.9	1736.3	*1641.0*	1610.4	1616.0
40°	1872.1	1870.2	1904.2	1951.3	1969.7	1977.3	1930.6	1842.4	*1736.8*	1703.8	1714.6
42.5°	2004.6	2003.2	2048.9	2101.3	2123.5	2115.0	2056.0	1955.1	*1847.6*	1809.9	1819.3
45°	2110.7	2108.8	2164.9	2238.5	2281.9	2267.8	2188.5	2079.6	*1959.8*	1920.7	1929.6
47.5°	2192.3	2193.2	2253.6	2344.6	2420.5	2425.7	2323.9	2206.4	*2083.4*	2039.0	2052.2
50°	2251.2	2254.1	2318.7	2419.6	2523.3	2569.1	2462.0	2336.6	*2211.2*	2161.2	2176.3
52.5°	2265.9	2271.1	2348.9	2467.2	2589.4	2676.6	2602.6	2461.6	*2332.4*	2284.7	2297.0
55°	2188.1	2198.4	2297.0	2463.4	2629.9	2747.3	2726.1	2588.4	*2454.5*	2405.4	2419.1
57.5°	2009.3	2024.0	2139.0	2356.4	2621.0	2795.9	2821.8	2710.1	*2576.6*	2529.5	2540.3
60°	1758.9	1776.4	1886.7	2123.9	2494.6	2813.8	2889.3	2828.4	*2688.9*	2643.1	2653.0
62.5°	1381.2	1403.8	1535.9	1814.1	2227.7	2730.4	2946.8	2935.5	*2789.8*	2732.7	2739.3
65°	886.1	910.1	1049.2	1377.9	1871.6	2474.8	2964.7	3039.7	*2896.3*	2816.7	2826.6
67.5°	534.3	545.1	614.0	835.1	1368.0	2089.5	2812.9	3155.2	*3020.8*	2921.8	2929.4
70°	341.9	348.0	389.0	490.4	773.4	1524.6	2436.6	3176.9	*3171.7*	3029.8	3028.9
72.5°	*232.0*	*233.9*	*244.7*	*290.5*	*437.6*	*866.3*	*1797.1*	*2876.1*	*3266.1*	*3168.9*	*3153.8*
75°	169.8	180.1	197.6	205.6	248.5	432.9	1029.9	2020.7	*2752.5*	2795.0	2692.2
77.5°	126.4	126.9	150.9	160.3	177.3	230.6	435.7	1128.0	*1708.9*	1794.3	1600.5
80°	107.0	101.4	100.9	129.2	133.5	143.8	194.8	389.5	*612.1*	371.1	280.6
82.5°	89.1	83.0	75.0	100.9	91.0	88.2	84.4	158.4	*194.8*	95.7	81.6
85°	62.2	59.4	56.6	66.0	51.9	44.3	40.6	74.0	*82.1*	40.6	35.8
87.5°	26.9	27.8	28.3	29.2	21.7	15.6	15.6	20.7	*20.7*	16.0	11.8
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)