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: P1203085

Luminaire Tested: GWC-SB2B-827-U-RW

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203085
	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-SB2B-827-U-RW
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 2700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND RECTANGULAR WIDE OP
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10082 lumens
Efficiency:	N/A
Efficacy:	136.4 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):	73.9
Input Voltage (V):	120.0
Input Current (Ain):	0.627
Voltage Rise (V):	NR
Power Factor:	0.988
Total Harmonic Distortion (THDi):	13.593
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

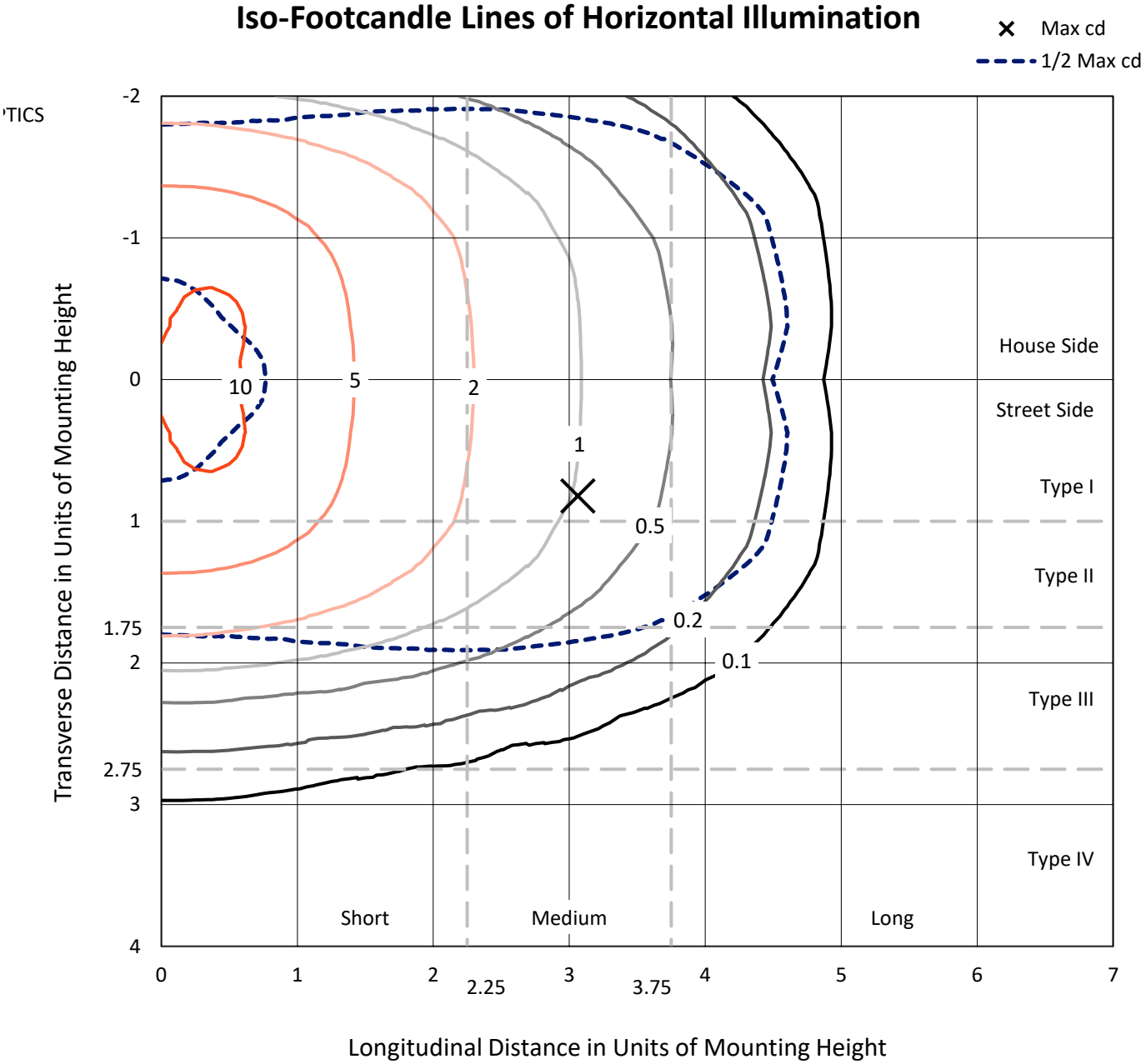


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Iso-Footcandle Lines of Horizontal Illumination



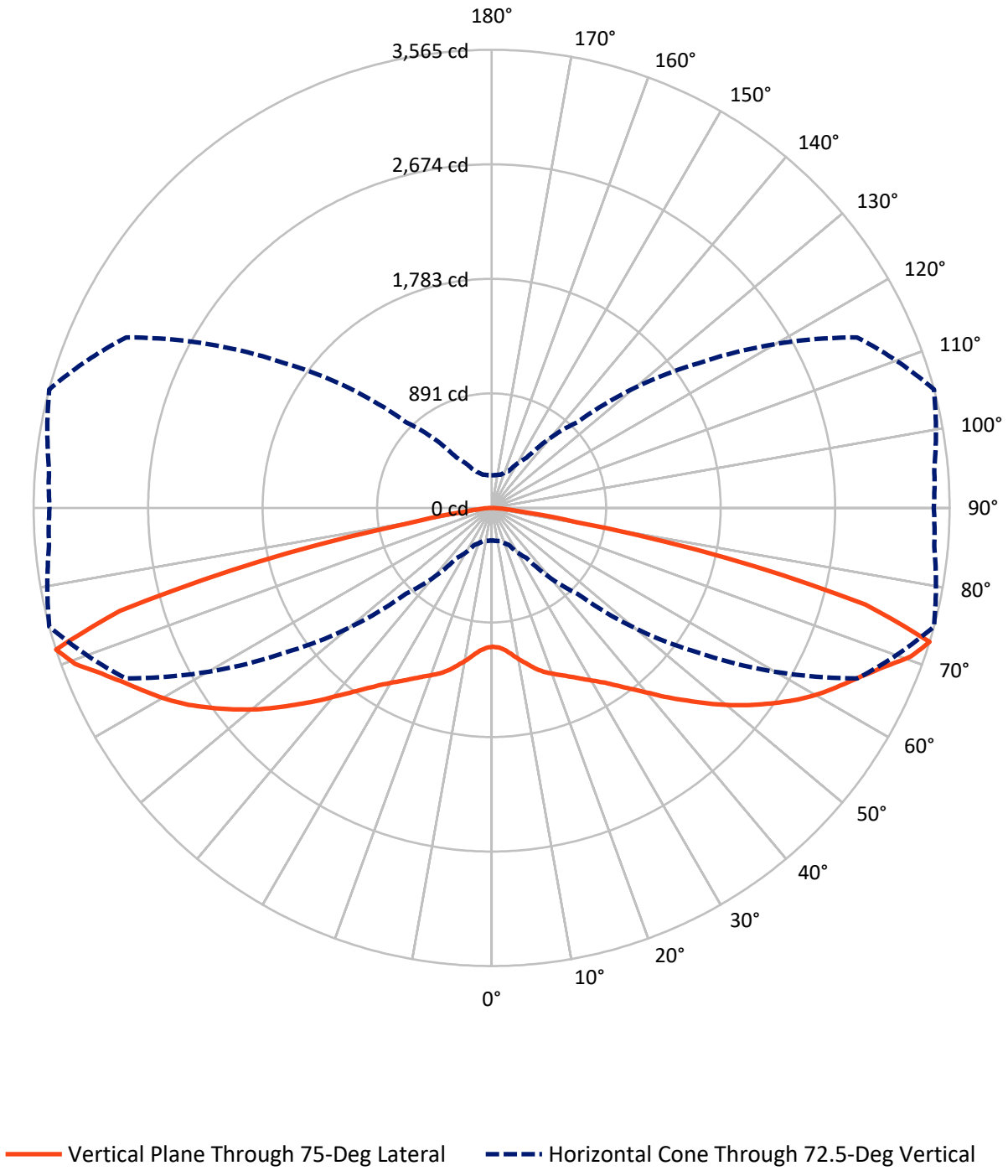
Based on 10 foot mounting height. Maximum calculated value = 11.8 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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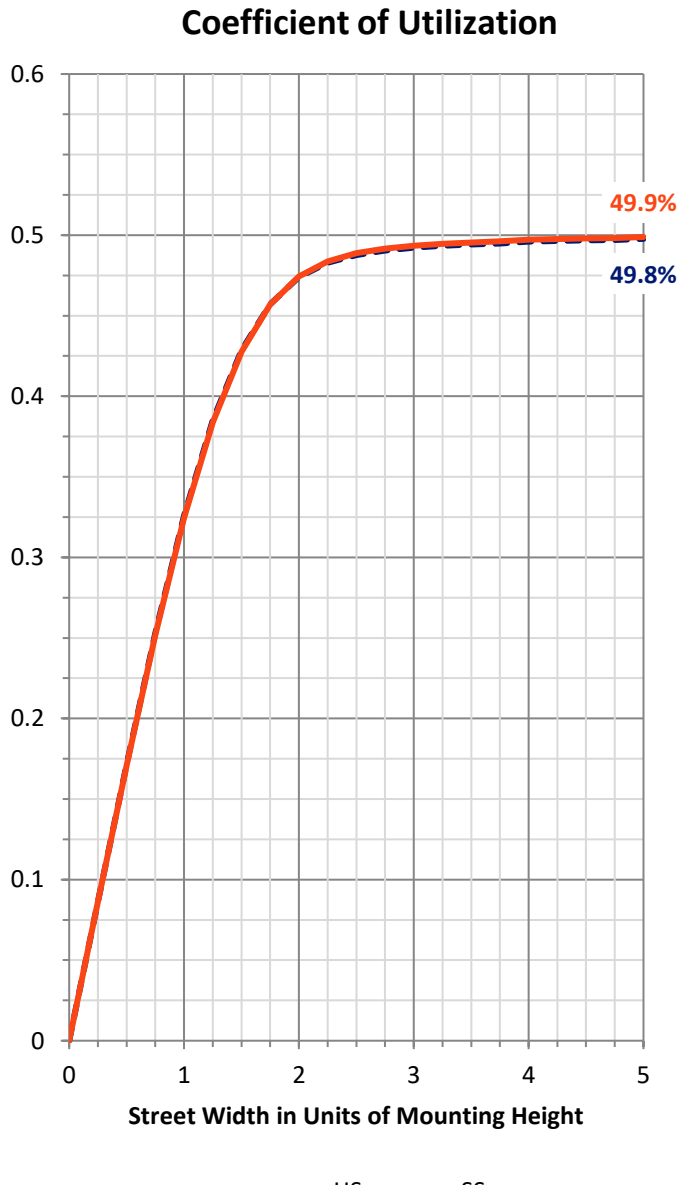
REPORT NUMBER: P1203085
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5041.0	0.0	5041.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5041.0	0.0	5041.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	10082.0	0.0	10082.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	105.8	1.0
10°-20°	348.9	3.5
20°-30°	674.2	6.7
30°-40°	1138.5	11.3
40°-50°	1805.5	17.9
50°-60°	2417.3	24.0
60°-70°	2300.5	22.8
70°-80°	1200.4	11.9
80°-90°	90.9	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°	10082.0	100.0
0°-180°	10082.0	100.0



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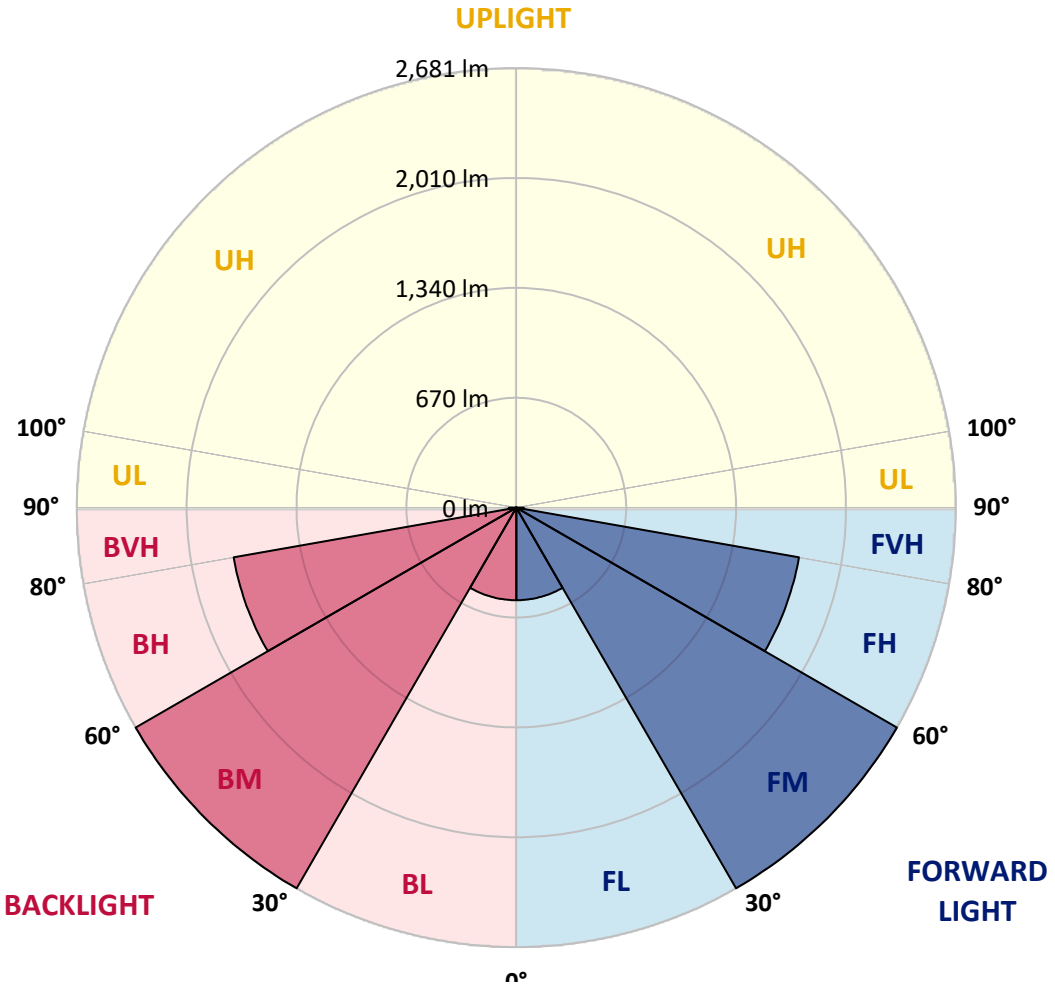
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	564.5	5.6			
FM	(30°-60°)	2680.6	26.6			
FH	(60°-80°)	1750.5	17.4			G1/1800
FVH	(80°-90°)	45.4	0.5			G1/100
BL	(0°-30°)	564.5	5.6	B2/1000		
BM	(30°-60°)	2680.6	26.6	B3/5000		
BH	(60°-80°)	1750.5	17.4	B3/2500		G3/2500
BVH	(80°-90°)	45.4	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°	1080.0	1080.0	1080.0	1080.0	1080.0	1080.0	1080.0	1080.0	1080.0	1080.0	1080.0
2.5°	1080.0	1078.9	1080.0	1081.0	1080.5	1080.5	1083.1	1084.6	1087.7	1087.2	1086.7
5°	1072.8	1072.2	1076.4	1081.0	1084.6	1090.8	1098.5	1104.2	1111.4	1112.9	1112.9
7.5°	1069.2	1067.6	1074.8	1083.1	1094.4	1109.8	1124.7	1140.2	1152.5	1156.7	1157.7
10°	1071.7	1072.2	1082.0	1097.5	1115.5	1137.1	1158.2	1184.5	1202.0	1206.1	1210.2
12.5°	1083.6	1082.5	1099.0	1123.7	1148.4	1175.7	1200.4	1229.2	1248.3	1258.1	1262.2
15°	1105.2	1103.1	1126.3	1162.8	1198.9	1230.8	1250.9	1278.1	1300.3	1312.6	1317.3
17.5°	1130.9	1132.0	1162.3	1209.7	1257.0	1293.1	1312.1	1326.0	1343.0	1353.8	1359.0
20°	1176.2	1178.3	1212.3	1268.4	1322.4	1363.6	1379.0	1373.9	1378.5	1386.8	1392.9
22.5°	1237.0	1238.0	1276.1	1336.8	1393.5	1438.7	1449.0	1427.9	1415.1	1420.7	1424.9
25°	1307.5	1314.2	1352.3	1414.6	1472.7	1516.0	1520.6	1488.7	1456.8	1458.3	1460.9
27.5°	1393.5	1399.6	1438.2	1500.0	1559.2	1596.8	1596.3	1553.5	1506.7	1494.9	1498.5
30°	1486.6	1493.3	1532.9	1596.8	1651.9	1684.8	1677.6	1626.6	1559.7	1537.6	1540.2
32.5°	1597.3	1601.4	1641.6	1705.4	1756.4	1782.6	1767.7	1704.9	1621.5	1596.3	1602.4
35°	1731.1	1737.3	1767.2	1827.4	1872.2	1893.8	1868.6	1794.4	1700.8	1672.4	1676.6
37.5°	1884.0	1879.9	1913.9	1967.4	2004.5	2017.9	1983.4	1895.3	1791.4	1757.9	1764.1
40°	2043.6	2041.5	2078.6	2130.1	2150.1	2158.4	2107.4	2011.2	1895.9	1859.8	1871.7
42.5°	2188.2	2186.7	2236.6	2293.8	2318.0	2308.7	2244.3	2134.2	2016.8	1975.6	1985.9
45°	2304.1	2302.0	2363.3	2443.6	2490.9	2475.5	2389.0	2270.1	2139.3	2096.6	2106.4
47.5°	2393.1	2394.1	2460.0	2559.4	2642.3	2647.9	2536.7	2408.6	2274.2	2225.8	2240.2
50°	2457.5	2460.5	2531.1	2641.2	2754.5	2804.4	2687.6	2550.6	2413.7	2359.1	2375.6
52.5°	2473.4	2479.1	2564.0	2693.2	2826.5	2921.8	2841.0	2687.0	2546.0	2494.0	2507.4
55°	2388.5	2399.8	2507.4	2689.1	2870.8	2999.0	2975.8	2825.5	2679.3	2625.8	2640.7
57.5°	2193.4	2209.3	2334.9	2572.2	2861.0	3052.0	3080.3	2958.3	2812.6	2761.2	2773.0
60°	1920.0	1939.1	2059.5	2318.5	2723.1	3071.6	3153.9	3087.5	2935.2	2885.2	2896.0
62.5°	1507.7	1532.4	1676.6	1980.3	2431.7	2980.4	3216.7	3204.4	3045.3	2983.0	2990.2
65°	967.2	993.5	1145.3	1504.1	2043.1	2701.5	3236.3	3318.1	3161.6	3074.7	3085.5
67.5°	583.2	595.1	670.2	911.6	1493.3	2280.9	3070.5	3444.2	3297.5	3189.4	3197.7
70°	373.2	379.9	424.7	535.3	844.2	1664.2	2659.8	3467.9	3462.3	3307.3	3306.3
72.5°	253.3	255.3	267.2	317.1	477.7	945.6	1961.7	3139.5	3565.2	3459.2	3442.7
75°	185.3	196.6	215.7	224.4	271.3	472.5	1124.2	2205.7	3004.6	3051.0	2938.8
77.5°	138.0	138.5	164.7	175.0	193.5	251.7	475.6	1231.3	1865.5	1958.7	1747.1
80°	116.9	110.7	110.2	141.0	145.7	157.0	212.6	425.2	668.2	405.1	306.3
82.5°	97.3	90.6	81.8	110.2	99.3	96.3	92.1	173.0	212.6	104.5	89.1
85°	67.9	64.9	61.8	72.1	56.6	48.4	44.3	80.8	89.6	44.3	39.1
87.5°	29.3	30.4	30.9	31.9	23.7	17.0	17.0	22.6	22.6	17.5	12.9
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)