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: P1202337

Luminaire Tested: GWC-SB1D-827-U-RW

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202337
	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-827-U-RW
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 900mA LIGHTSQUARE WITH 26 LEDS AND RECTANGULAR WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9161 lumens
Efficiency:	N/A
Efficacy:	115.1 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

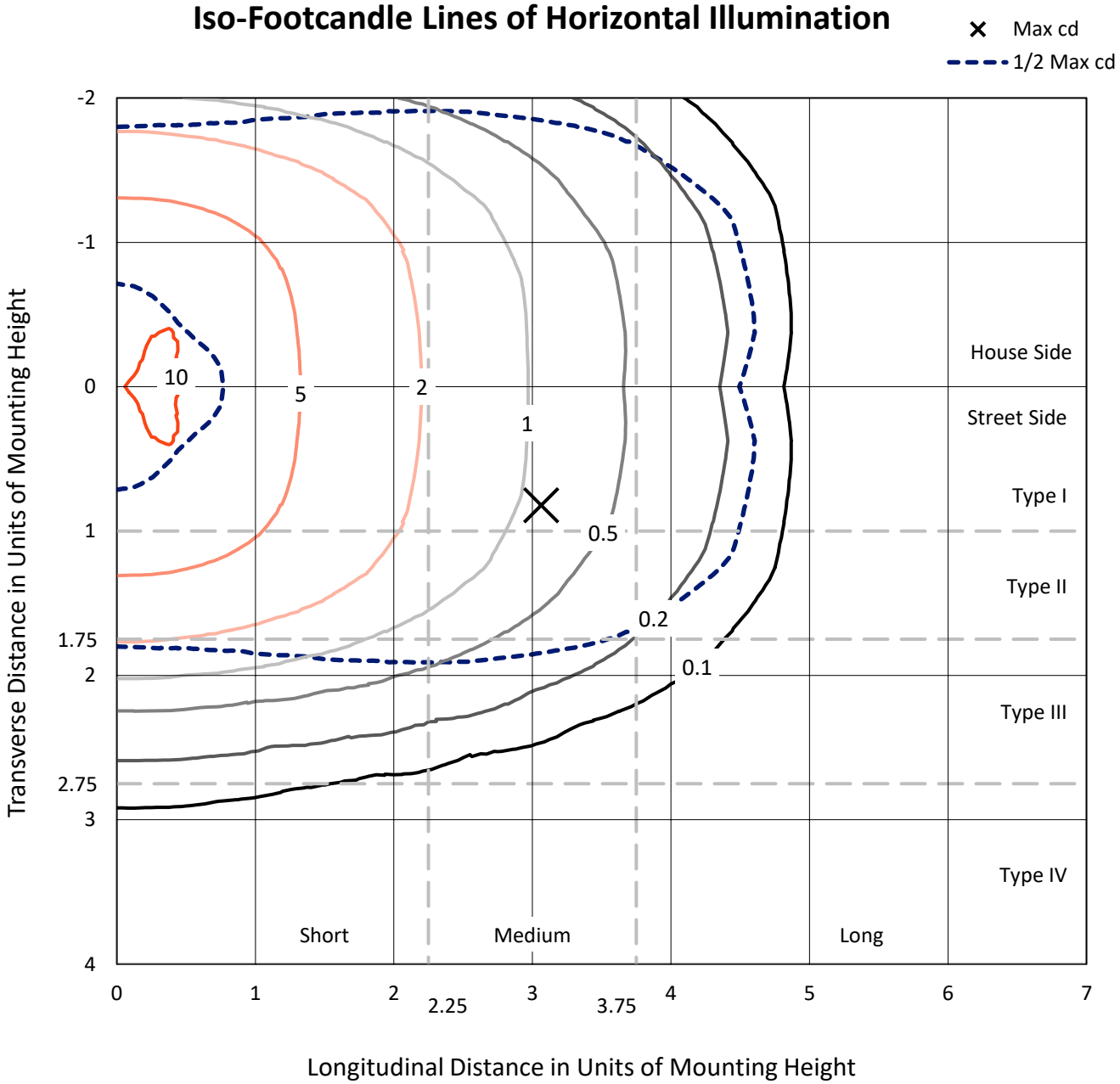


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Iso-Footcandle Lines of Horizontal Illumination



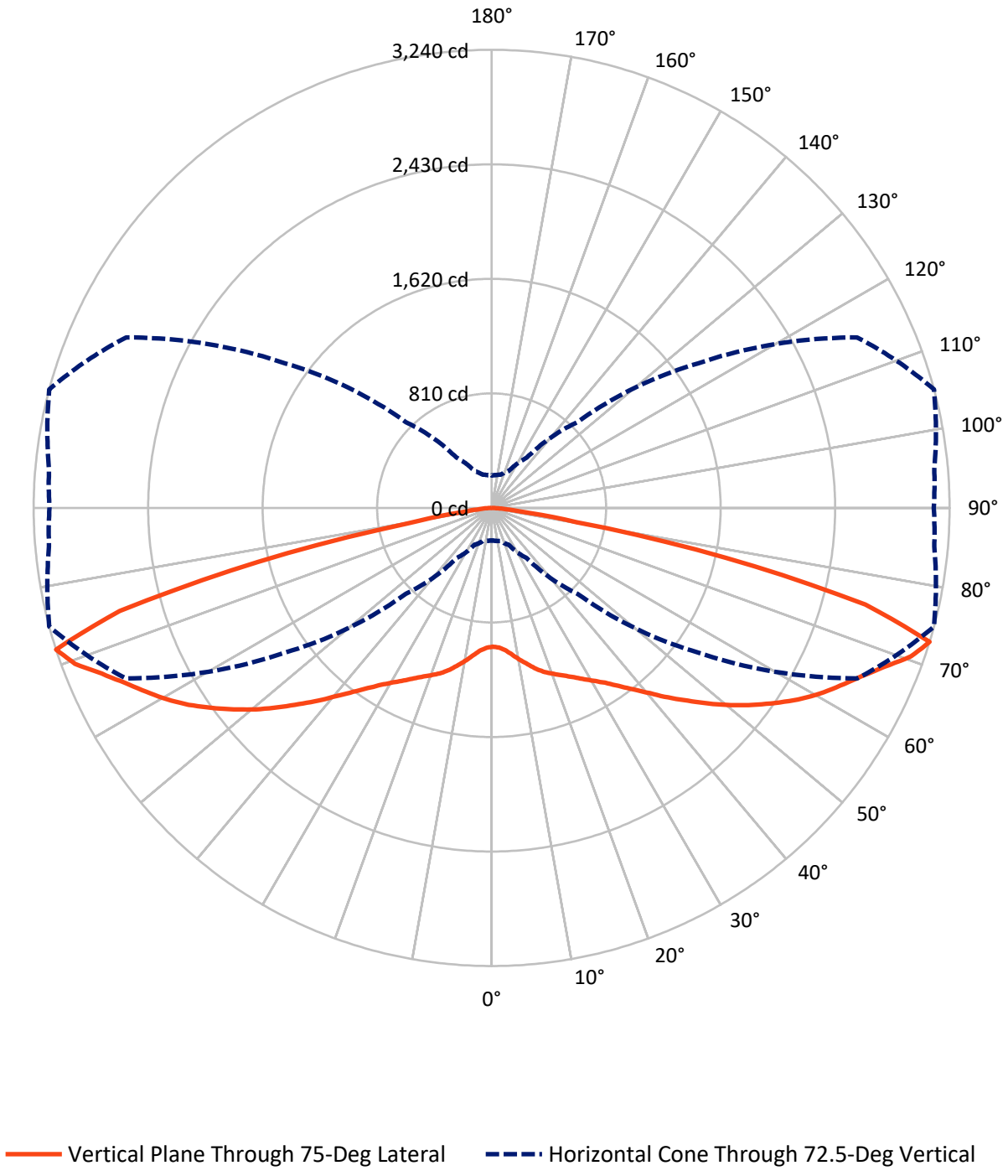
Based on 10 foot mounting height. Maximum calculated value = 10.8 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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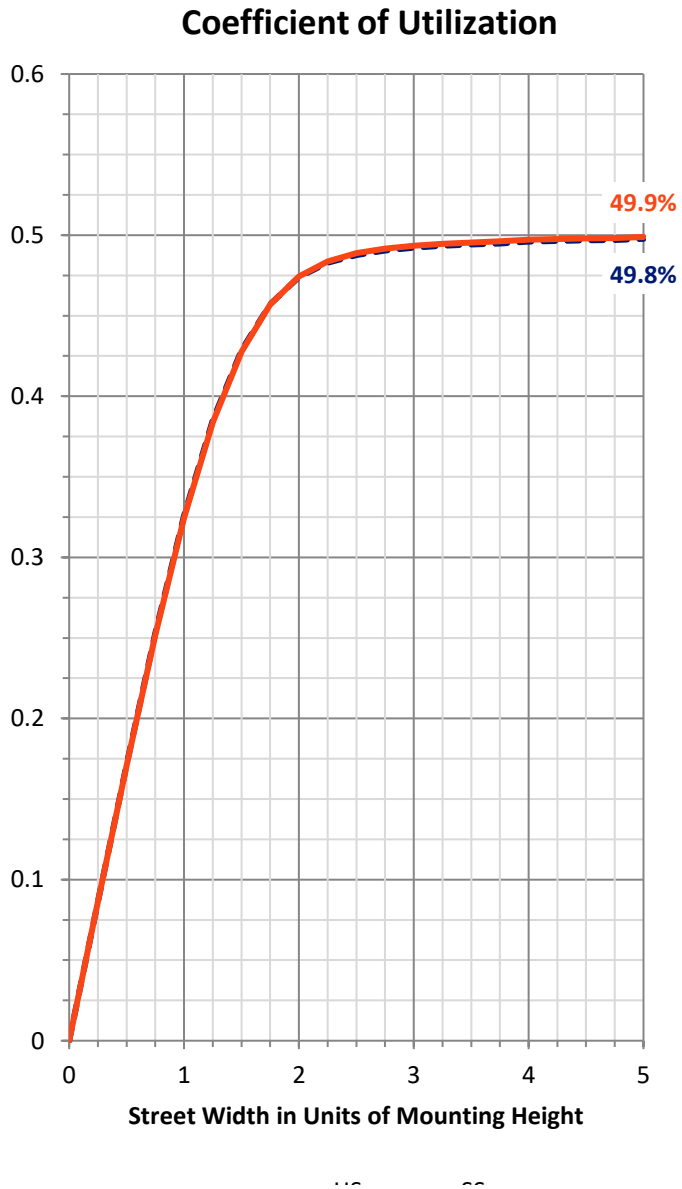
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4580.5	0.0	4580.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4580.5	0.0	4580.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	9161.0	0.0	9161.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.1	1.0
10°-20°	317.0	3.5
20°-30°	612.6	6.7
30°-40°	1034.5	11.3
40°-50°	1640.5	17.9
50°-60°	2196.5	24.0
60°-70°	2090.4	22.8
70°-80°	1090.8	11.9
80°-90°	82.6	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°	9161.0	100.0
0°-180°	9161.0	100.0



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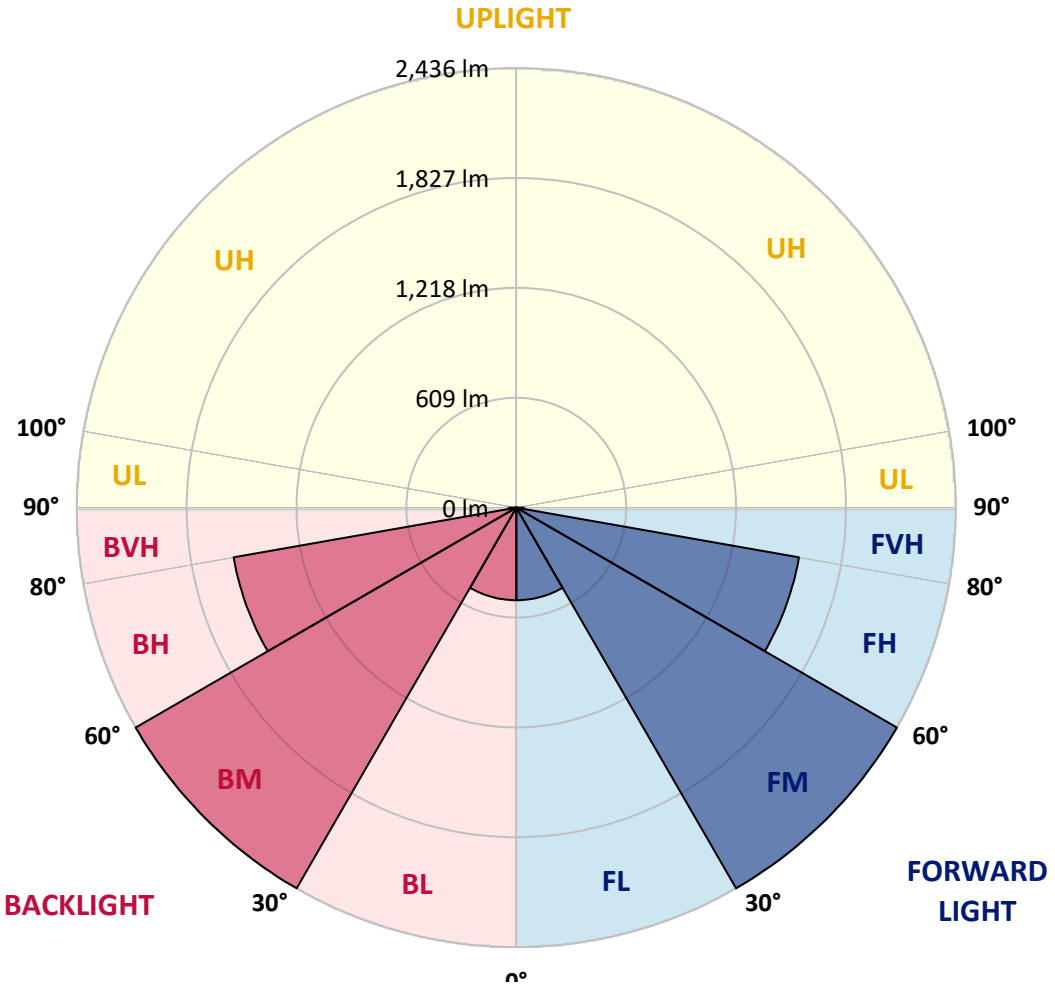
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	512.9	5.6			
FM	(30°-60°)	2435.7	26.6			
FH	(60°-80°)	1590.6	17.4			G1/1800
FVH	(80°-90°)	41.3	0.5			G1/100
BL	(0°-30°)	512.9	5.6	B2/1000		
BM	(30°-60°)	2435.7	26.6	B2/2500		
BH	(60°-80°)	1590.6	17.4	B3/2500		G3/2500
BVH	(80°-90°)	41.3	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°	981.3	981.3	981.3	981.3	981.3	981.3	981.3	981.3	*981.3*	981.3	981.3
2.5°	981.3	980.4	981.3	982.2	981.8	981.8	984.1	985.5	*988.3*	987.9	987.4
5°	974.8	974.3	978.0	982.2	985.5	991.1	998.1	1003.3	*1009.8*	1011.2	1011.2
7.5°	971.5	970.1	976.6	984.1	994.4	1008.4	1022.0	1036.0	*1047.3*	1051.0	1051.9
10°	973.8	974.3	983.2	997.2	1013.6	1033.2	1052.4	1076.3	*1092.2*	1095.9	1099.6
12.5°	984.6	983.6	998.6	1021.1	1043.5	1068.3	1090.8	1117.0	*1134.3*	1143.1	1146.9
15°	1004.2	1002.4	1023.4	1056.6	1089.4	1118.4	1136.6	1161.4	*1181.5*	1192.7	1196.9
17.5°	1027.6	1028.5	1056.1	1099.2	1142.2	1174.9	1192.3	1204.9	*1220.3*	1230.1	1234.8
20°	1068.8	1070.6	1101.5	1152.5	1201.6	1239.0	1253.1	1248.4	*1252.6*	1260.1	1265.7
22.5°	1124.0	1124.9	1159.5	1214.7	1266.2	1307.3	1316.7	1297.5	*1285.8*	1290.9	1294.7
25°	1188.0	1194.1	1228.7	1285.3	1338.2	1377.5	1381.7	1352.7	*1323.7*	1325.1	1327.4
27.5°	1266.2	1271.8	1306.9	1363.0	1416.8	1450.9	1450.4	1411.6	*1369.1*	1358.3	1361.6
30°	1350.8	1356.9	1392.9	1450.9	1501.0	1530.9	1524.3	1478.0	*1417.2*	1397.1	1399.5
32.5°	1451.4	1455.1	1491.6	1549.6	1595.9	1619.8	1606.2	1549.1	*1473.4*	1450.4	1456.1
35°	1573.0	1578.6	1605.7	1660.5	1701.2	1720.8	1697.9	1630.5	*1545.4*	1519.7	1523.4
37.5°	1711.9	1708.2	1739.0	1787.7	1821.4	1833.5	1802.2	1722.2	*1627.7*	1597.3	1602.9
40°	1856.9	1855.0	1888.7	1935.5	1953.7	1961.2	1914.9	1827.4	*1722.7*	1689.9	1700.7
42.5°	1988.3	1986.9	2032.3	2084.2	2106.2	2097.8	2039.3	1939.2	*1832.6*	1795.2	1804.5
45°	2093.6	2091.7	2147.4	2220.3	2263.4	2249.3	2170.8	2062.7	*1943.9*	1905.1	1914.0
47.5°	2174.5	2175.4	2235.3	2325.6	2400.9	2406.0	2305.0	2188.5	*2066.5*	2022.5	2035.6
50°	2233.0	2235.8	2299.9	2399.9	2502.8	2548.2	2442.0	2317.6	*2193.2*	2143.6	2158.6
52.5°	2247.5	2252.6	2329.8	2447.2	2568.3	2654.9	2581.4	2441.6	*2313.4*	2266.2	2278.3
55°	2170.3	2180.6	2278.3	2443.4	2608.6	2725.0	2704.0	2567.4	*2434.6*	2385.9	2399.5
57.5°	1993.0	2007.5	2121.6	2337.3	2599.7	2773.2	2798.9	2688.1	*2555.7*	2508.9	2519.7
60°	1744.6	1762.0	1871.4	2106.7	2474.3	2791.0	2865.8	2805.5	*2667.0*	2621.7	2631.5
62.5°	1370.0	1392.4	1523.4	1799.4	2209.6	2708.2	2922.9	2911.6	*2767.1*	2710.5	2717.1
65°	878.9	902.7	1040.7	1366.7	1856.4	2454.7	2940.6	3015.0	*2872.8*	2793.8	2803.6
67.5°	529.9	540.7	609.0	828.4	1356.9	2072.5	2790.0	3129.6	*2996.3*	2898.1	2905.6
70°	339.1	345.2	385.9	486.4	767.1	1512.2	2416.8	3151.1	*3146.0*	3005.2	3004.3
72.5°	*230.1*	*232.0*	*242.8*	*288.1*	*434.1*	*859.2*	*1782.5*	*2852.7*	*3239.5*	*3143.2*	*3128.2*
75°	168.4	178.7	196.0	203.9	246.5	429.4	1021.5	2004.2	*2730.2*	2772.3	2670.3
77.5°	125.4	125.8	149.7	159.0	175.9	228.7	432.2	1118.8	*1695.1*	1779.7	1587.5
80°	106.2	100.6	100.1	128.2	132.4	142.7	193.2	386.3	*607.1*	368.1	278.3
82.5°	88.4	82.3	74.4	100.1	90.3	87.5	83.7	157.2	*193.2*	95.0	80.9
85°	61.7	58.9	56.1	65.5	51.5	44.0	40.2	73.4	*81.4*	40.2	35.5
87.5°	26.7	27.6	28.1	29.0	21.5	15.4	15.4	20.6	*20.6*	15.9	11.7
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)