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: P1201875

Luminaire Tested: GWC-SB1C-735-U-RW

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201875
	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-SB1C-735-U-RW
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 615mA LIGHTSQUARE WITH 26 LEDS AND RECTANGULAR WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7753 lumens
Efficiency:	N/A
Efficacy:	142.5 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):	54.4
Input Voltage (V):	120.0
Input Current (Ain):	0.437
Voltage Rise (V):	NR
Power Factor:	0.993
Total Harmonic Distortion (THDi):	9.314
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

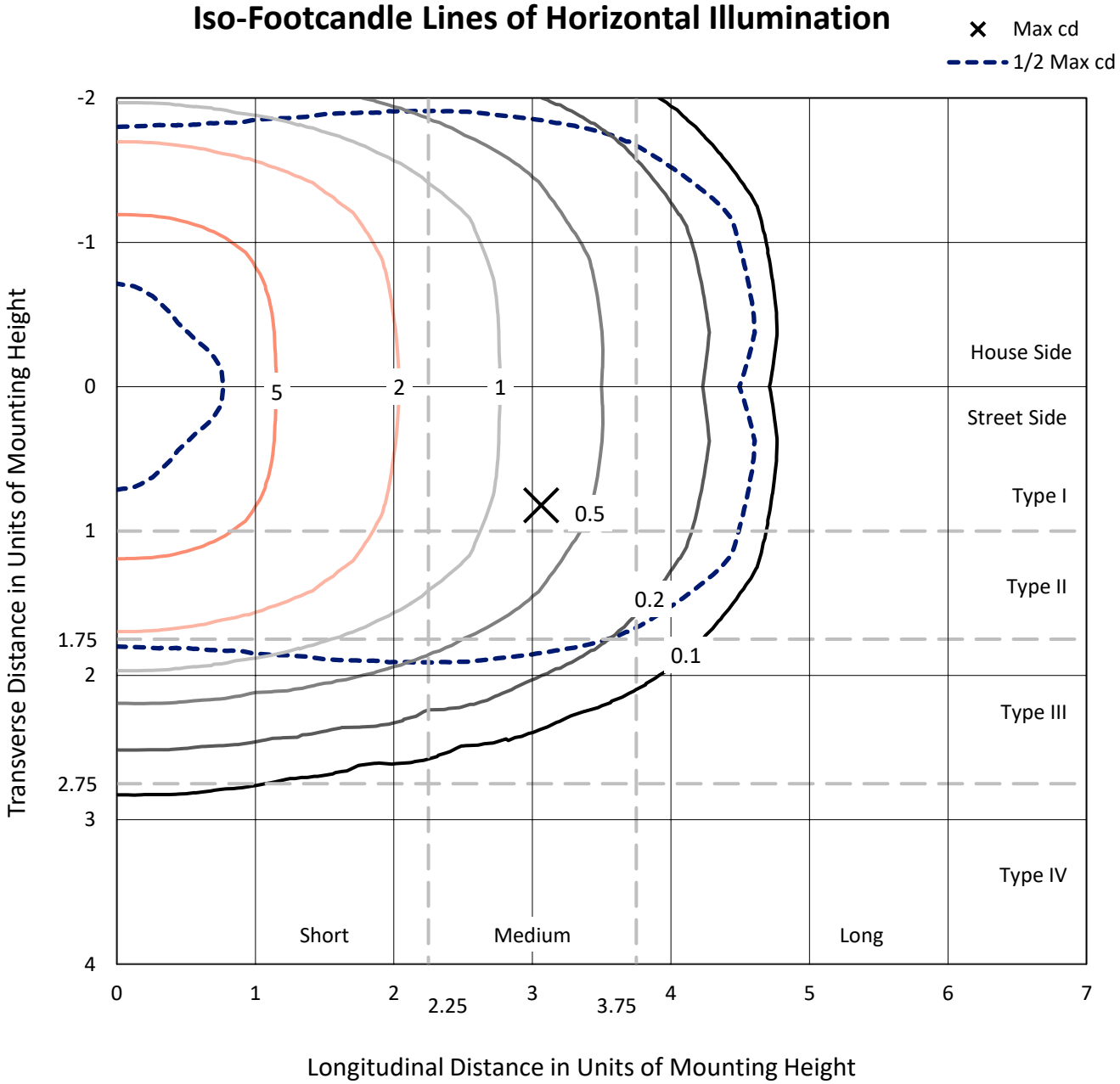


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Iso-Footcandle Lines of Horizontal Illumination



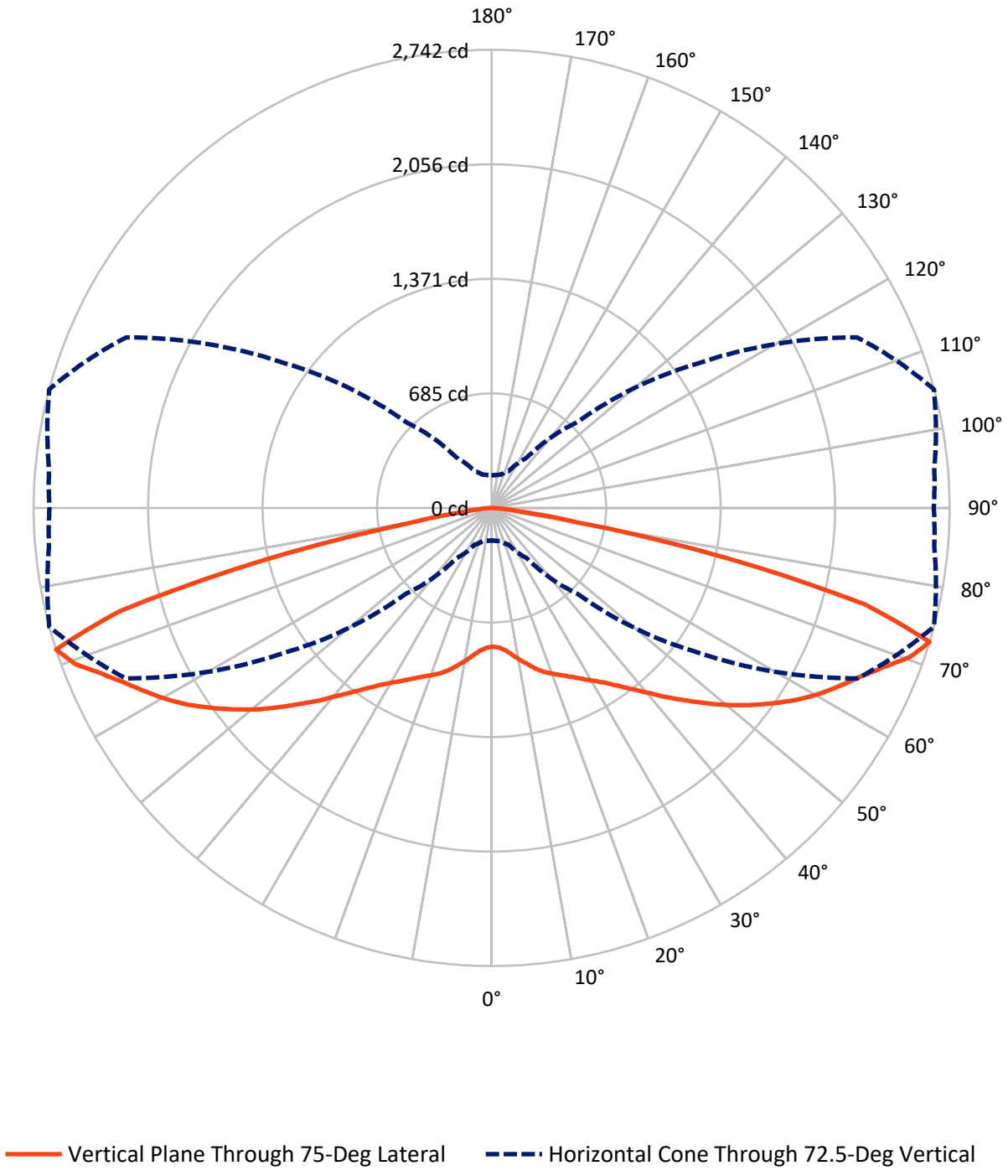
Based on 10 foot mounting height. Maximum calculated value = 9.1 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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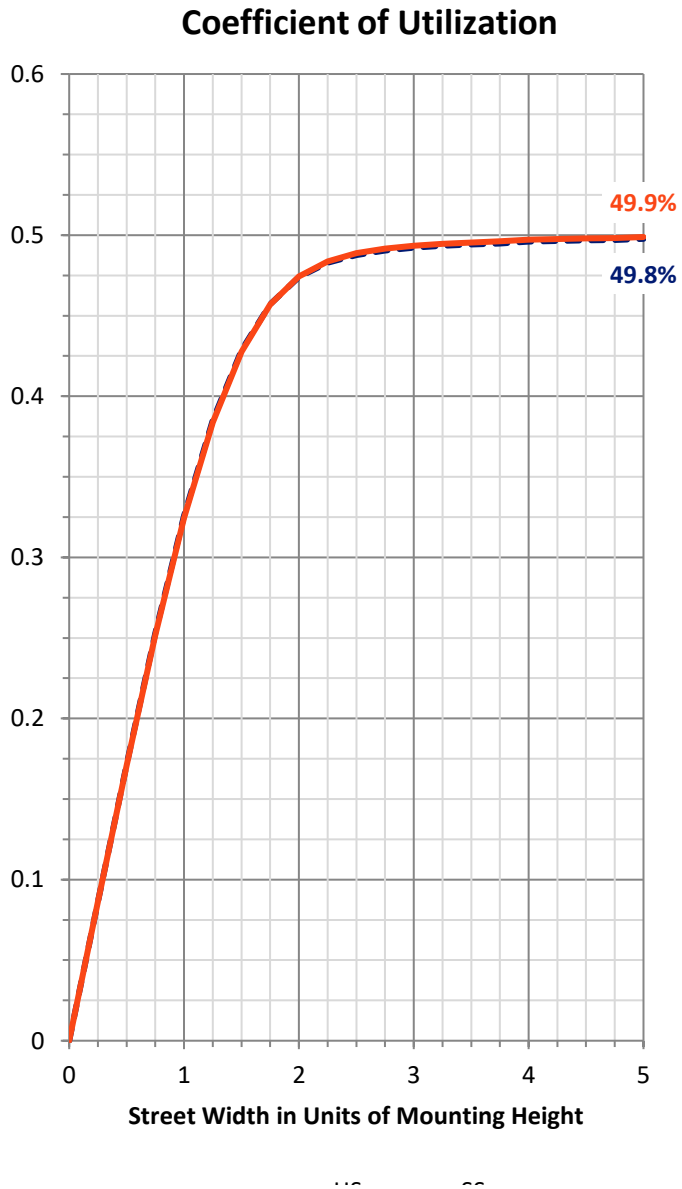
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3876.5	0.0	3876.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3876.5	0.0	3876.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	7753.0	0.0	7753.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.4	1.0
10°-20°	268.3	3.5
20°-30°	518.5	6.7
30°-40°	875.5	11.3
40°-50°	1388.4	17.9
50°-60°	1858.9	24.0
60°-70°	1769.1	22.8
70°-80°	923.1	11.9
80°-90°	69.9	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°	7753.0	100.0
0°-180°	7753.0	100.0



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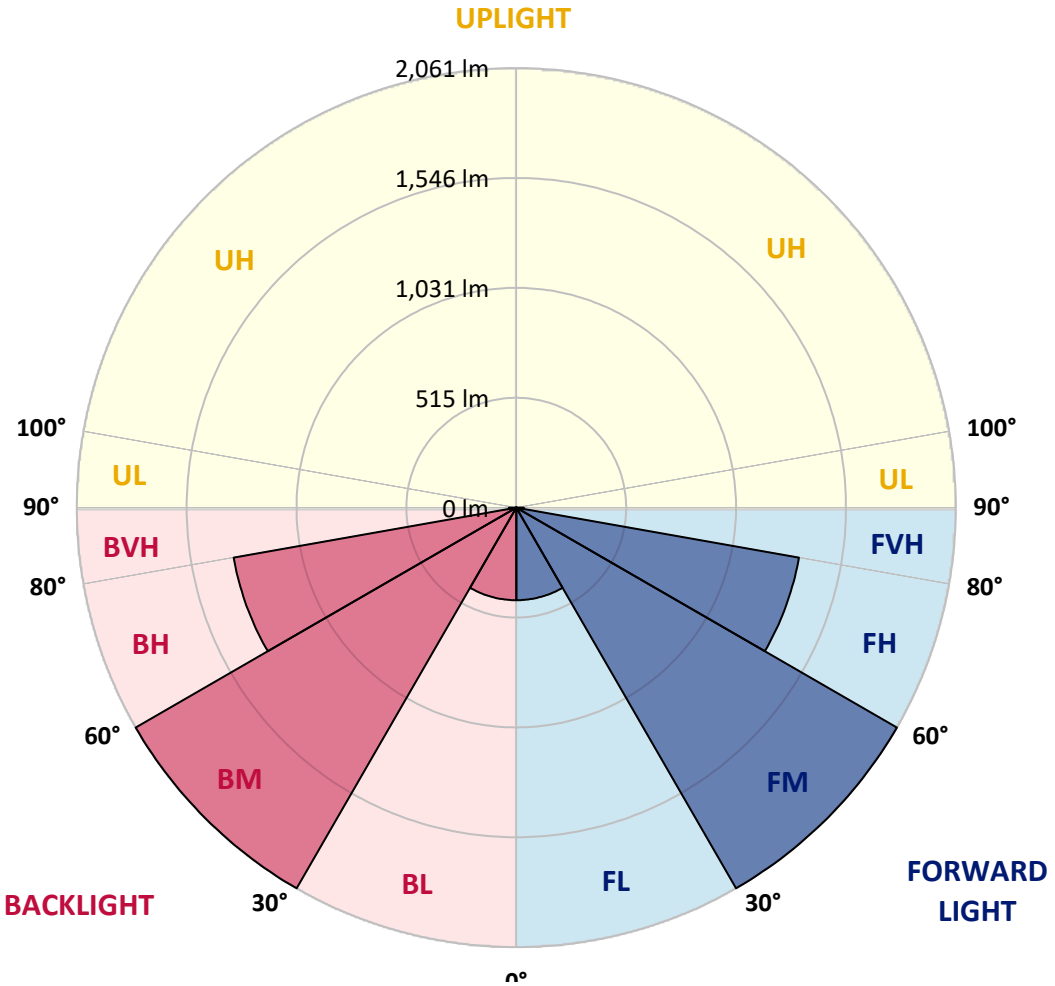
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	434.1	5.6			
FM	(30°-60°)	2061.4	26.6			
FH	(60°-80°)	1346.1	17.4			G1/1800
FVH	(80°-90°)	34.9	0.5			G1/100
BL	(0°-30°)	434.1	5.6	B1/500		
BM	(30°-60°)	2061.4	26.6	B2/2500		
BH	(60°-80°)	1346.1	17.4	B3/2500		G3/2500
BVH	(80°-90°)	34.9	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°	830.5	830.5	830.5	830.5	830.5	830.5	830.5	830.5	*830.5*	830.5	830.5
2.5°	830.5	829.7	830.5	831.3	830.9	830.9	832.9	834.0	*836.4*	836.0	835.6
5°	824.9	824.5	827.7	831.3	834.0	838.8	844.7	849.1	*854.6*	855.8	855.8
7.5°	822.2	821.0	826.5	832.9	841.6	853.4	864.9	876.8	*886.3*	889.5	890.3
10°	824.2	824.5	832.1	843.9	857.8	874.4	890.7	910.8	*924.3*	927.5	930.6
12.5°	833.3	832.5	845.1	864.1	883.1	904.1	923.1	945.3	*959.9*	967.4	970.6
15°	849.9	848.3	866.1	894.2	921.9	946.5	961.9	982.9	*999.9*	1009.4	1013.0
17.5°	869.7	870.5	893.8	930.2	966.7	994.4	1009.0	1019.7	*1032.8*	1041.1	1045.0
20°	904.5	906.1	932.2	975.4	1016.9	1048.6	1060.5	1056.5	*1060.1*	1066.4	1071.2
22.5°	951.2	952.0	981.3	1028.0	1071.6	1106.4	1114.3	1098.1	*1088.2*	1092.5	1095.7
25°	1005.4	1010.6	1039.9	1087.8	1132.5	1165.8	1169.3	1144.8	*1120.2*	1121.4	1123.4
27.5°	1071.6	1076.3	1106.0	1153.5	1199.0	1227.9	1227.5	1194.7	*1158.6*	1149.5	1152.3
30°	1143.2	1148.3	1178.8	1227.9	1270.3	1295.6	1290.1	1250.9	*1199.4*	1182.4	1184.4
32.5°	1228.3	1231.5	1262.4	1311.4	1350.6	1370.8	1359.3	1311.0	*1246.9*	1227.5	1232.3
35°	1331.2	1336.0	1358.9	1405.3	1439.7	1456.3	1436.9	1379.9	*1307.9*	1286.1	1289.3
37.5°	1448.8	1445.6	1471.8	1512.9	1541.4	1551.7	1525.2	1457.5	*1377.5*	1351.8	1356.6
40°	1571.5	1569.9	1598.4	1638.0	1653.4	1659.8	1620.6	1546.6	*1457.9*	1430.2	1439.3
42.5°	1682.7	1681.6	1720.0	1763.9	1782.5	1775.4	1725.9	1641.2	*1550.9*	1519.3	1527.2
45°	1771.8	1770.2	1817.3	1879.1	1915.5	1903.6	1837.1	1745.7	*1645.1*	1612.3	1619.8
47.5°	1840.3	1841.1	1891.7	1968.1	2031.9	2036.2	1950.7	1852.2	*1748.8*	1711.6	1722.7
50°	1889.8	1892.1	1946.4	2031.1	2118.2	2156.6	2066.7	1961.4	*1856.1*	1814.2	1826.8
52.5°	1902.0	1906.4	1971.7	2071.1	2173.6	2246.8	2184.7	2066.3	*1957.9*	1917.9	1928.2
55°	1836.7	1845.4	1928.2	2067.9	2207.6	2306.2	2288.4	2172.8	*2060.4*	2019.2	2030.7
57.5°	1686.7	1699.0	1795.6	1978.0	2200.1	2347.0	2368.7	2274.9	*2162.9*	2123.3	2132.4
60°	1476.5	1491.2	1583.8	1782.9	2094.0	2362.0	2425.3	2374.3	*2257.1*	2218.7	2227.0
62.5°	1159.4	1178.4	1289.3	1522.8	1870.0	2291.9	2473.6	2464.1	*2341.8*	2293.9	2299.5
65°	743.8	764.0	880.8	1156.7	1571.1	2077.4	2488.7	2551.6	*2431.3*	2364.4	2372.7
67.5°	448.5	457.6	515.4	701.0	1148.3	1754.0	2361.2	2648.6	*2535.8*	2452.7	2459.0
70°	287.0	292.1	326.6	411.7	649.2	1279.8	2045.3	2666.8	*2662.5*	2543.3	2542.5
72.5°	*194.8*	*196.3*	*205.4*	*243.8*	*367.3*	*727.2*	*1508.6*	*2414.3*	*2741.6*	*2660.1*	*2647.4*
75°	142.5	151.2	165.9	172.6	208.6	363.4	864.5	1696.2	*2310.6*	2346.2	2259.9
77.5°	106.1	106.5	126.7	134.6	148.8	193.6	365.8	946.9	*1434.5*	1506.2	1343.5
80°	89.9	85.1	84.7	108.5	112.0	120.7	163.5	327.0	*513.8*	311.5	235.5
82.5°	74.8	69.7	62.9	84.7	76.4	74.0	70.9	133.0	*163.5*	80.4	68.5
85°	52.3	49.9	47.5	55.4	43.5	37.2	34.0	62.1	*68.9*	34.0	30.1
87.5°	22.6	23.4	23.8	24.5	18.2	13.1	13.1	17.4	*17.4*	13.5	9.9
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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(END OF REPORT)