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: P1203368

Luminaire Tested: GWC-SB2C-735-U-5MQ

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203368
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-20)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2C-735-U-5MQ
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V MEDIUM OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15682 lumens
Efficiency:	N/A
Efficacy:	155.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B4 - U0 - G2

Input Watts (W):	100.9
Input Voltage (V):	120.0
Input Current (Ain):	0.857
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.472
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

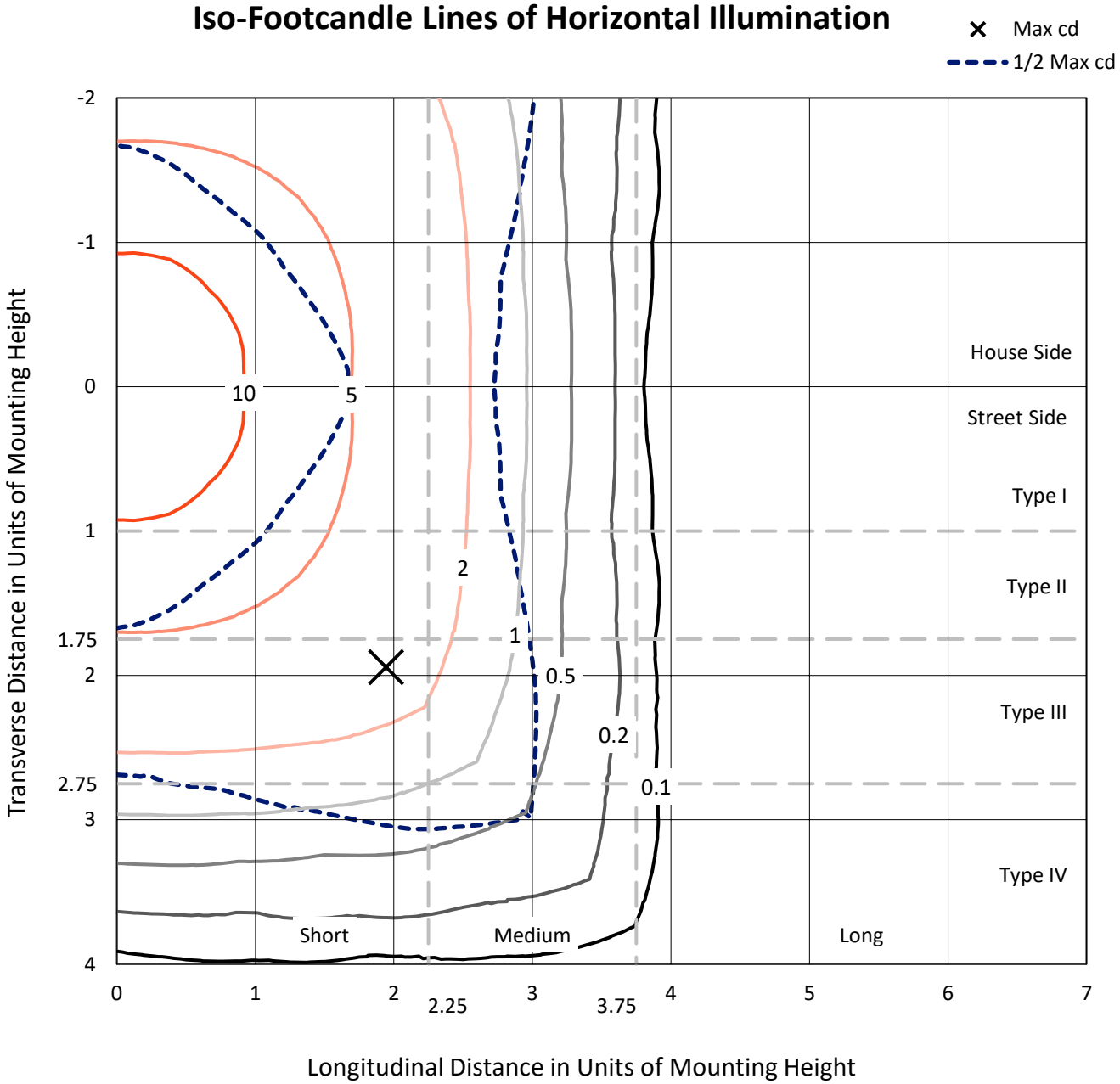


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Iso-Footcandle Lines of Horizontal Illumination



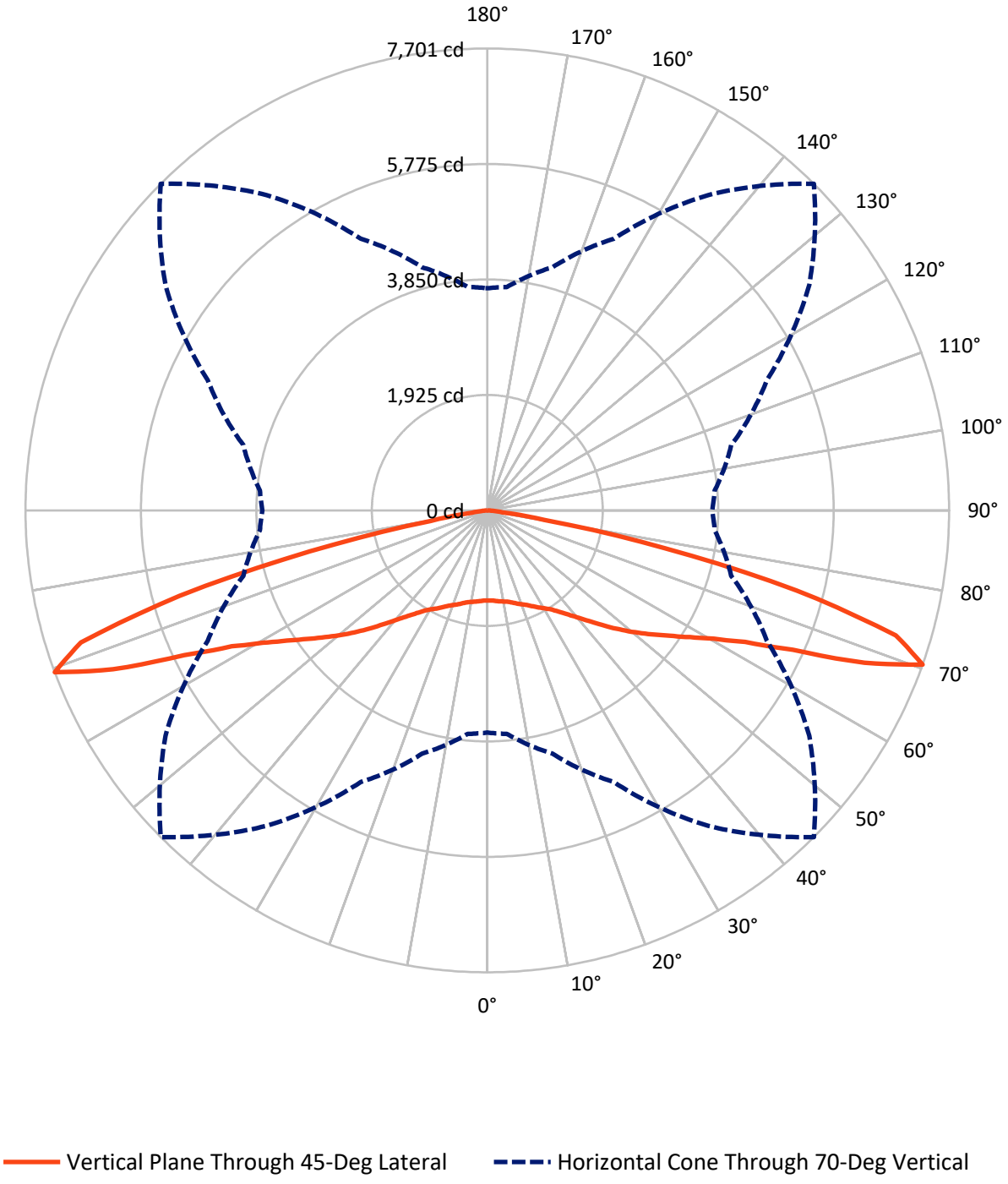
Based on 10 foot mounting height. Maximum calculated value = 15 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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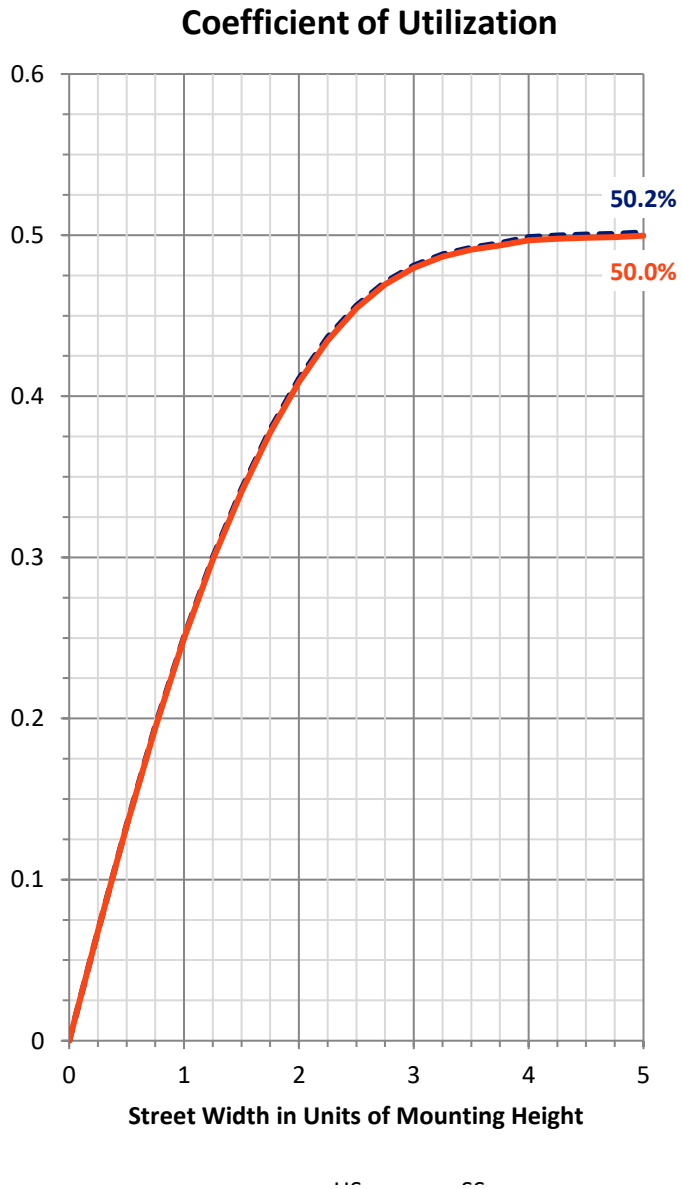
REPORT NUMBER: P1203368
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7841.0	0.0	7841.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	7841.0	0.0	7841.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	15682.0	0.0	15682.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	145.9	0.9
10°-20°	452.5	2.9
20°-30°	808.7	5.2
30°-40°	1310.9	8.4
40°-50°	2135.3	13.6
50°-60°	3255.6	20.8
60°-70°	4843.3	30.9
70°-80°	2639.8	16.8
80°-90°	89.9	0.6
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°	15682.0	100.0
0°-180°	15682.0	100.0



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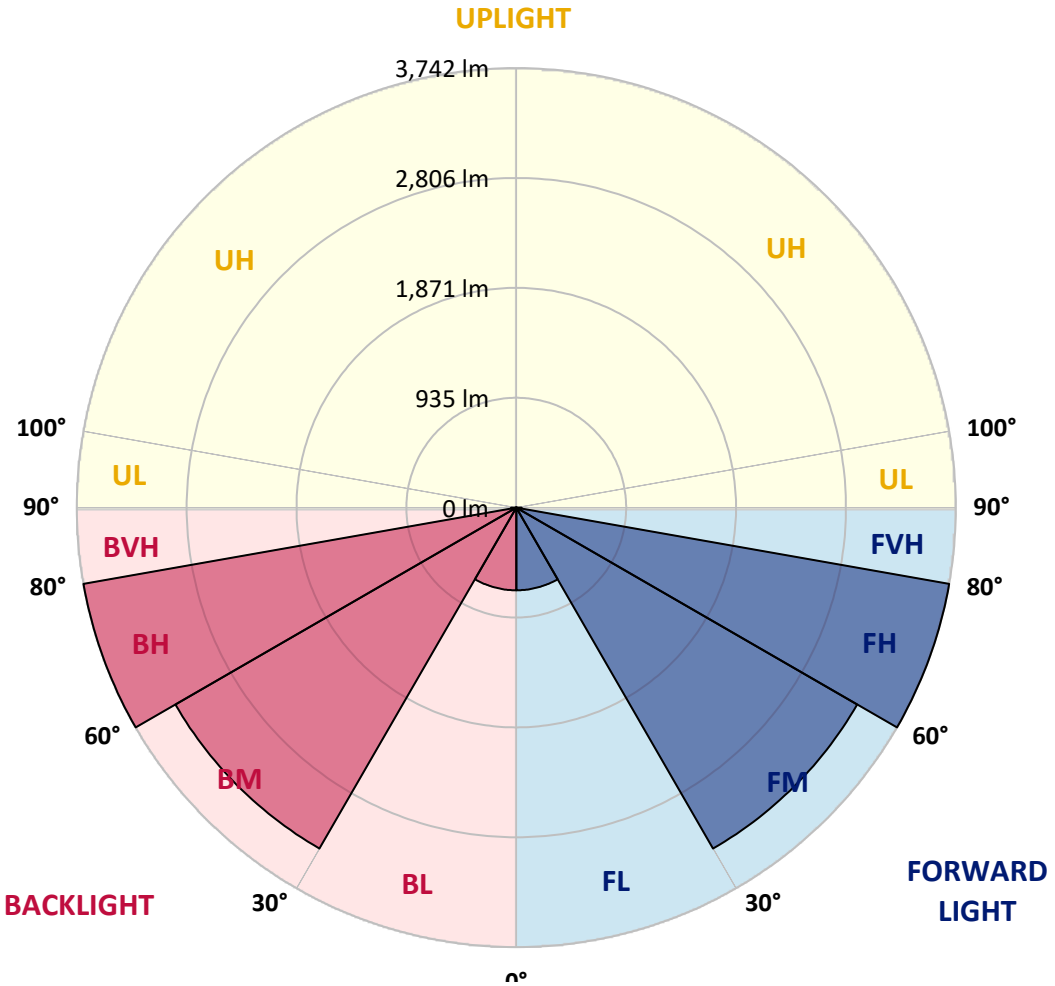
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	703.6	4.5			
FM	(30°-60°)	3350.9	21.4			
FH	(60°-80°)	3741.5	23.9			G2/5000
FVH	(80°-90°)	44.9	0.3			G1/100
BL	(0°-30°)	703.6	4.5	B2/1000		
BM	(30°-60°)	3350.9	21.4	B3/5000		
BH	(60°-80°)	3741.5	23.9	B4/5000		G2/5000
BVH	(80°-90°)	44.9	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G2
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1502.2	1502.2	1502.2	1502.2	1502.2	*1502.2*	1502.2	1502.2	1502.2	1502.2	1502.2
2.5°	1509.3	1510.8	1507.7	1506.1	1504.5	*1502.2*	1503.0	1506.9	1510.0	1509.3	1510.0
5°	1521.9	1523.4	1521.1	1520.3	1517.1	*1516.3*	1516.3	1520.3	1522.6	1521.1	1521.9
7.5°	1536.0	1538.4	1534.5	1533.7	1532.1	*1530.5*	1529.7	1533.7	1536.0	1536.0	1536.0
10°	1549.4	1551.8	1548.6	1546.3	1544.7	*1544.7*	1543.1	1546.3	1550.2	1549.4	1549.4
12.5°	1563.6	1565.2	1562.0	1560.4	1560.4	*1562.8*	1560.4	1562.0	1565.2	1563.6	1562.8
15°	1580.9	1581.7	1580.9	1583.3	1587.2	*1595.1*	1588.0	1586.4	1588.0	1584.1	1584.1
17.5°	1604.5	1606.1	1609.2	1614.8	1620.3	*1634.4*	1621.8	1617.9	1617.9	1610.0	1610.0
20°	1633.7	1636.0	1640.7	1650.2	1657.3	*1670.7*	1658.1	1652.5	1650.2	1640.0	1640.0
22.5°	1664.4	1668.3	1675.4	1688.0	1700.6	*1713.2*	1700.6	1691.1	1684.0	1670.7	1669.9
25°	1699.8	1704.5	1715.5	1736.0	1753.3	*1771.4*	1756.5	1737.6	1723.4	1704.5	1703.7
27.5°	1750.2	1755.7	1769.1	1794.3	1816.3	*1832.1*	1817.9	1793.5	1773.8	1751.0	1750.2
30°	1821.0	1826.5	1842.3	1869.1	1884.0	*1894.2*	1884.8	1865.9	1842.3	1816.3	1816.3
32.5°	1912.4	1919.4	1936.8	1962.0	1965.1	*1966.7*	1963.5	1954.1	1936.8	1905.3	1906.1
35°	2028.1	2036.0	2055.6	2076.1	2073.0	*2076.1*	2071.4	2068.2	2055.6	2019.4	2019.4
37.5°	2169.8	2179.3	2199.7	2215.5	2207.6	*2203.7*	2204.4	2205.2	2198.1	2158.0	2158.0
40°	2334.4	2346.9	2361.9	2378.4	2365.1	*2353.2*	2361.1	2367.4	2361.1	2320.2	2320.2
42.5°	2503.6	2521.7	2537.5	2561.1	2550.1	*2535.1*	2546.1	2553.2	2539.8	2495.7	2498.9
45°	2691.8	2709.1	2729.6	2765.0	2757.1	*2741.4*	2757.1	2758.7	2735.9	2683.9	2689.4
47.5°	2886.3	2904.4	2935.1	2982.3	2979.2	*2961.8*	2982.3	2971.3	2942.1	2880.0	2876.0
50°	3070.5	3095.7	3142.9	3209.0	3215.3	*3194.1*	3221.6	3200.4	3151.6	3073.6	3072.1
52.5°	3243.7	3270.5	3345.2	3435.0	3457.8	*3430.3*	3467.3	3430.3	3357.1	3257.1	3247.6
55°	3425.6	3455.5	3544.4	3661.7	3707.4	*3686.9*	3721.6	3665.7	3561.8	3440.5	3424.0
57.5°	3639.7	3657.8	3764.1	3903.4	3980.6	*3985.3*	4001.1	3906.6	3780.6	3642.8	3624.0
60°	3872.0	3897.1	4012.9	4179.8	4301.8	*4341.2*	4324.7	4184.5	4038.1	3879.8	3854.6
62.5°	4169.6	4197.1	4335.7	4535.7	4728.5	*4826.2*	4761.6	4558.5	4377.4	4187.7	4154.6
65°	4416.0	4446.7	4697.0	5053.7	5404.8	*5600.9*	5438.7	5064.7	4738.8	4471.1	4427.0
67.5°	4237.3	4275.1	4667.9	5323.0	6196.1	*6781.0*	6226.0	5403.3	4764.8	4401.8	4347.5
70°	*3703.5*	*3738.9*	*4197.1*	*4997.8*	*6418.9*	*7700.6*	*6552.7*	*5145.0*	*4212.1*	*3805.8*	*3751.5*
72.5°	2458.7	2572.9	3036.6	3997.1	5731.6	*7125.9*	5788.2	3916.0	2817.0	2453.2	2373.7
75°	815.6	907.0	1223.5	2072.2	3838.9	*5329.3*	3654.7	1833.6	969.2	697.6	659.8
77.5°	205.5	237.0	326.7	592.8	1531.3	*3034.3*	1378.6	484.2	263.7	184.2	164.5
80°	100.0	110.2	157.5	197.6	383.4	*964.4*	359.8	185.8	124.4	96.1	88.2
82.5°	55.1	55.9	89.0	111.8	142.5	*249.6*	148.0	108.6	71.6	58.3	58.3
85°	33.9	33.1	47.2	59.8	59.8	*89.0*	70.9	59.8	40.9	36.2	37.8
87.5°	13.4	13.4	17.3	18.9	16.5	*22.8*	18.1	19.7	15.7	15.0	15.7
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)