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: P1203457

Luminaire Tested: GWC-SB2C-827-U-5NQ

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203457
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-18)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2C-827-U-5NQ
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V NARROW OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13644 lumens
Efficiency:	N/A
Efficacy:	135.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B3 - 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

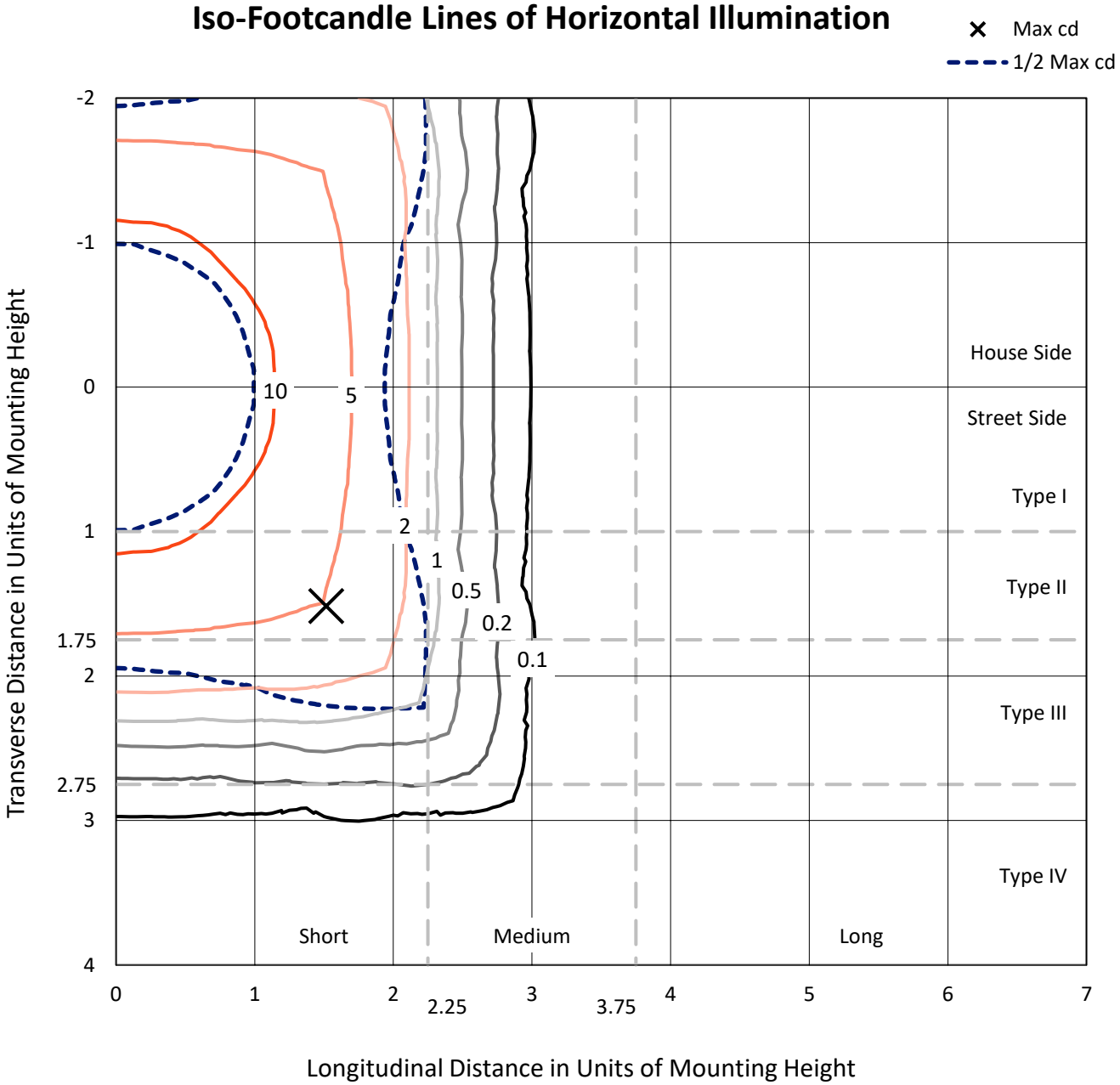


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Iso-Footcandle Lines of Horizontal Illumination



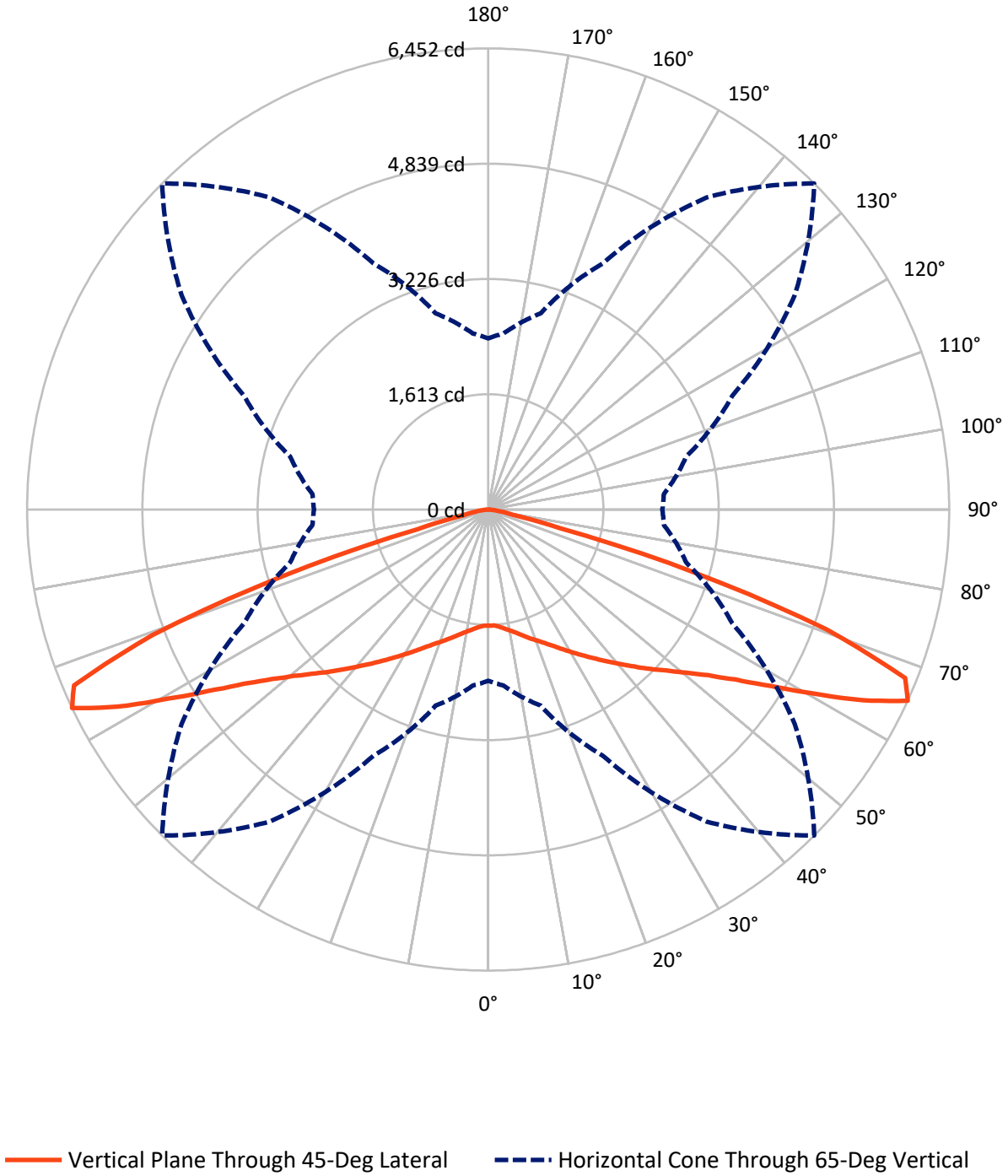
Based on 10 foot mounting height. Maximum calculated value = 16.6 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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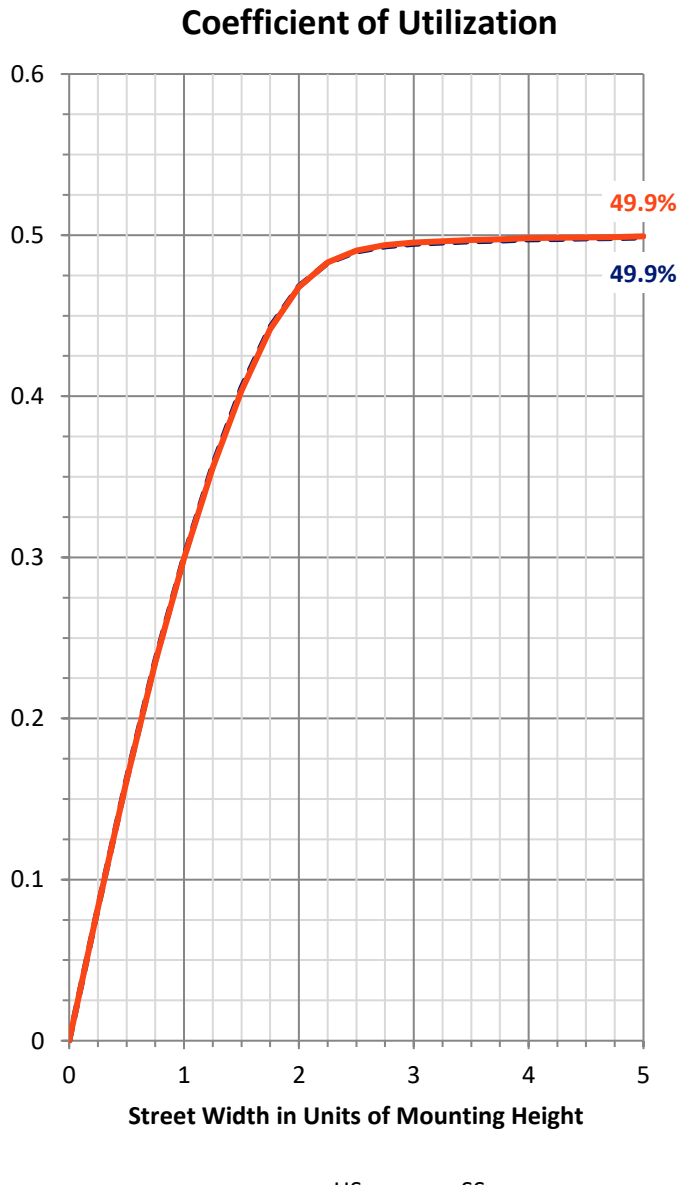
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6822.0	0.0	6822.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	6822.0	0.0	6822.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	13644.0	0.0	13644.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	160.2	1.2
10°-20°	522.9	3.8
20°-30°	987.3	7.2
30°-40°	1616.7	11.8
40°-50°	2506.7	18.4
50°-60°	3702.9	27.1
60°-70°	3524.8	25.8
70°-80°	568.8	4.2
80°-90°	53.6	0.4
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°	13644.0	100.0
0°-180°	13644.0	100.0



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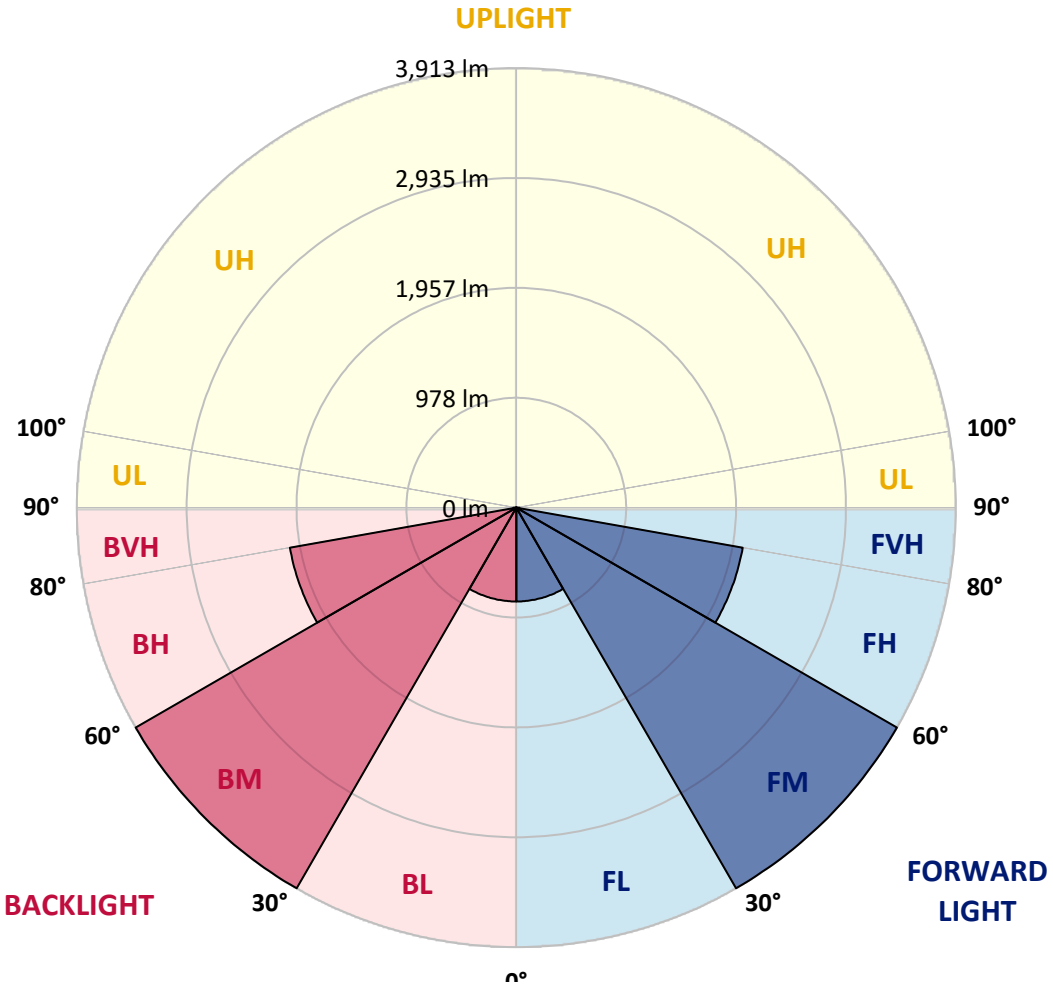
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	835.2	6.1			
FM	(30°-60°)	3913.1	28.7			
FH	(60°-80°)	2046.8	15.0			G2/5000
FVH	(80°-90°)	26.8	0.2			G1/100
BL	(0°-30°)	835.2	6.1	B2/1000		
BM	(30°-60°)	3913.1	28.7	B3/5000		
BH	(60°-80°)	2046.8	15.0	B3/2500		G2/5000
BVH	(80°-90°)	26.8	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1623.8	1623.8	1623.8	1623.8	1623.8	*1623.8*	1623.8	1623.8	1623.8	1623.8	1623.8
2.5°	1634.7	1629.2	1633.4	1629.9	1627.2	*1624.5*	1625.8	1630.6	1632.7	1633.4	1633.4
5°	1656.6	1651.8	1653.9	1653.9	1649.1	*1647.7*	1648.4	1651.8	1655.9	1655.9	1655.9
7.5°	1692.2	1687.4	1692.2	1689.5	1685.4	*1684.0*	1683.3	1686.1	1692.2	1692.2	1690.2
10°	1735.4	1729.9	1732.6	1731.2	1726.5	*1724.4*	1723.7	1727.8	1733.3	1732.6	1731.2
12.5°	1782.6	1776.4	1779.9	1775.7	1774.4	*1772.3*	1772.3	1771.6	1775.1	1772.3	1773.7
15°	1835.3	1831.2	1832.6	1829.8	1831.9	*1830.5*	1825.0	1822.3	1823.7	1819.6	1820.2
17.5°	1897.6	1888.0	1892.8	1891.4	1891.4	*1894.2*	1885.3	1881.9	1884.6	1880.5	1883.9
20°	1969.5	1959.9	1961.9	1959.2	1955.8	*1958.5*	1947.6	1950.3	1952.4	1949.6	1955.8
22.5°	2048.2	2035.9	2035.2	2036.6	2029.0	*2029.7*	2022.2	2029.0	2033.1	2025.6	2033.1
25°	2129.0	2116.0	2124.9	2121.4	2111.9	*2113.9*	2108.4	2115.3	2118.7	2109.1	2120.1
27.5°	2214.5	2205.6	2213.9	2215.9	2204.3	*2212.5*	2204.3	2210.4	2213.9	2199.5	2210.4
30°	2314.5	2305.6	2313.1	2318.6	2304.9	*2317.9*	2311.1	2315.2	2315.9	2298.7	2309.0
32.5°	2423.3	2409.6	2428.8	2431.6	2416.5	*2432.2*	2423.3	2428.8	2432.2	2409.0	2424.7
35°	2556.1	2539.0	2560.9	2557.5	2544.5	*2557.5*	2549.3	2557.5	2565.7	2537.7	2554.8
37.5°	2699.2	2681.4	2704.7	2698.5	2686.2	*2695.1*	2690.3	2695.8	2708.8	2678.7	2697.2
40°	2856.7	2834.8	2866.2	2855.3	2843.7	*2842.3*	2845.0	2848.4	2865.6	2832.0	2843.0
42.5°	3025.1	3001.8	3049.0	3031.9	3015.5	*3004.5*	3013.4	3020.3	3036.7	2999.1	3018.9
45°	3217.4	3190.7	3252.3	3231.8	3205.8	*3183.2*	3197.6	3207.8	3231.8	3186.6	3209.9
47.5°	3429.6	3399.5	3465.2	3459.1	3416.6	*3367.3*	3400.2	3429.6	3447.4	3392.7	3411.2
50°	3637.1	3613.8	3700.0	3707.6	3655.5	*3586.4*	3632.3	3676.8	3681.6	3609.7	3618.6
52.5°	3831.5	3808.2	3933.5	3980.7	3934.2	*3852.0*	3900.6	3945.8	3909.5	3816.4	3819.2
55°	3986.9	3967.7	4127.2	4249.1	4264.8	*4197.0*	4225.8	4224.4	4105.3	3962.2	3967.0
57.5°	4024.5	4021.8	4223.0	4481.1	4645.4	*4653.6*	4596.8	4451.7	4195.0	4002.6	3990.3
60°	3853.4	3870.5	4147.1	4602.3	5040.4	*5222.5*	4976.7	4562.6	4093.0	3826.0	3794.5
62.5°	3341.3	3386.5	3719.9	4454.4	5359.4	*5876.9*	5281.4	4394.2	3674.0	3325.6	3305.0
65°	*2394.6*	*2473.3*	*2841.6*	*3801.4*	*5330.7*	*6452.0*	*5237.6*	*3770.5*	*2869.0*	*2467.1*	*2437.7*
67.5°	1086.4	1166.5	1479.3	2602.7	4633.8	*6295.9*	4622.8	2630.1	1553.3	1170.6	1153.5
70°	393.6	407.3	507.9	1041.9	2961.4	*5016.4*	3088.0	1049.4	540.1	434.0	428.5
72.5°	238.2	240.3	261.5	373.1	1028.9	*3045.6*	1072.7	385.4	267.0	236.9	241.0
75°	151.3	149.9	186.2	228.0	364.9	*1027.5*	382.7	228.0	185.5	169.1	170.5
77.5°	108.8	112.3	133.5	170.5	230.0	*348.4*	225.9	162.9	133.5	109.5	111.6
80°	81.5	83.5	97.2	132.8	161.6	*217.0*	143.8	120.5	100.6	68.5	70.5
82.5°	58.9	58.9	63.7	96.5	98.6	*117.1*	78.0	84.9	66.4	48.6	48.6
85°	34.9	34.2	39.7	57.5	51.3	*43.1*	35.6	52.0	41.8	30.1	29.4
87.5°	12.3	13.0	12.3	16.4	13.7	*11.6*	11.0	14.4	11.6	10.3	9.6
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)