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: P1203742

Luminaire Tested: GWC-SB2D-735-U-5MQ

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203742
	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-SB2D-735-U-5MQ
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V MEDIUM OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	21308 lumens
Efficiency:	N/A
Efficacy:	144.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B5 - U0 - G3

Input Watts (W):	147.6
Input Voltage (V):	120.0
Input Current (Ain):	1.234
Voltage Rise (V):	NR
Power Factor:	0.999
Total Harmonic Distortion (THDi):	3.108
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

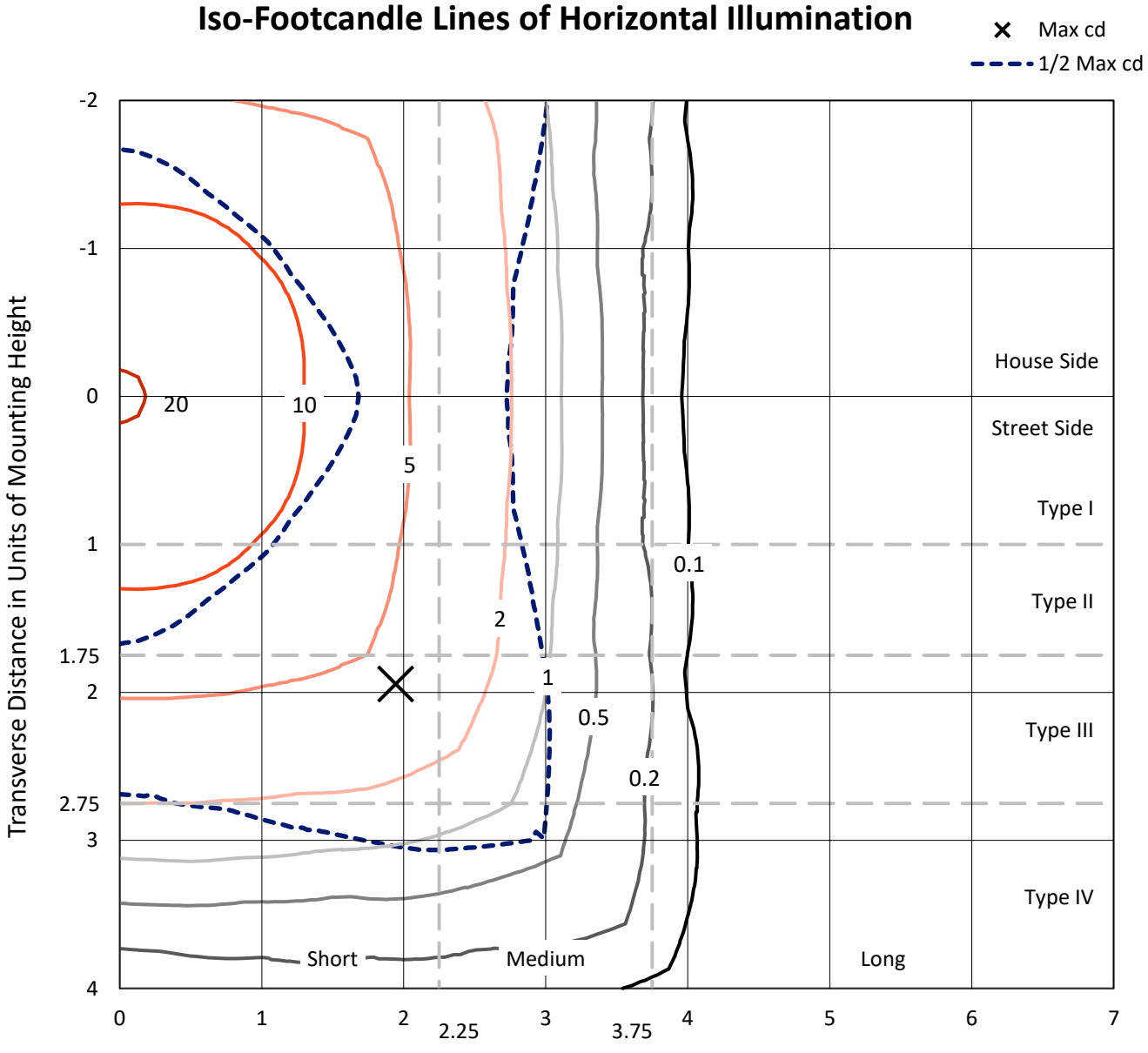


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Iso-Footcandle Lines of Horizontal Illumination



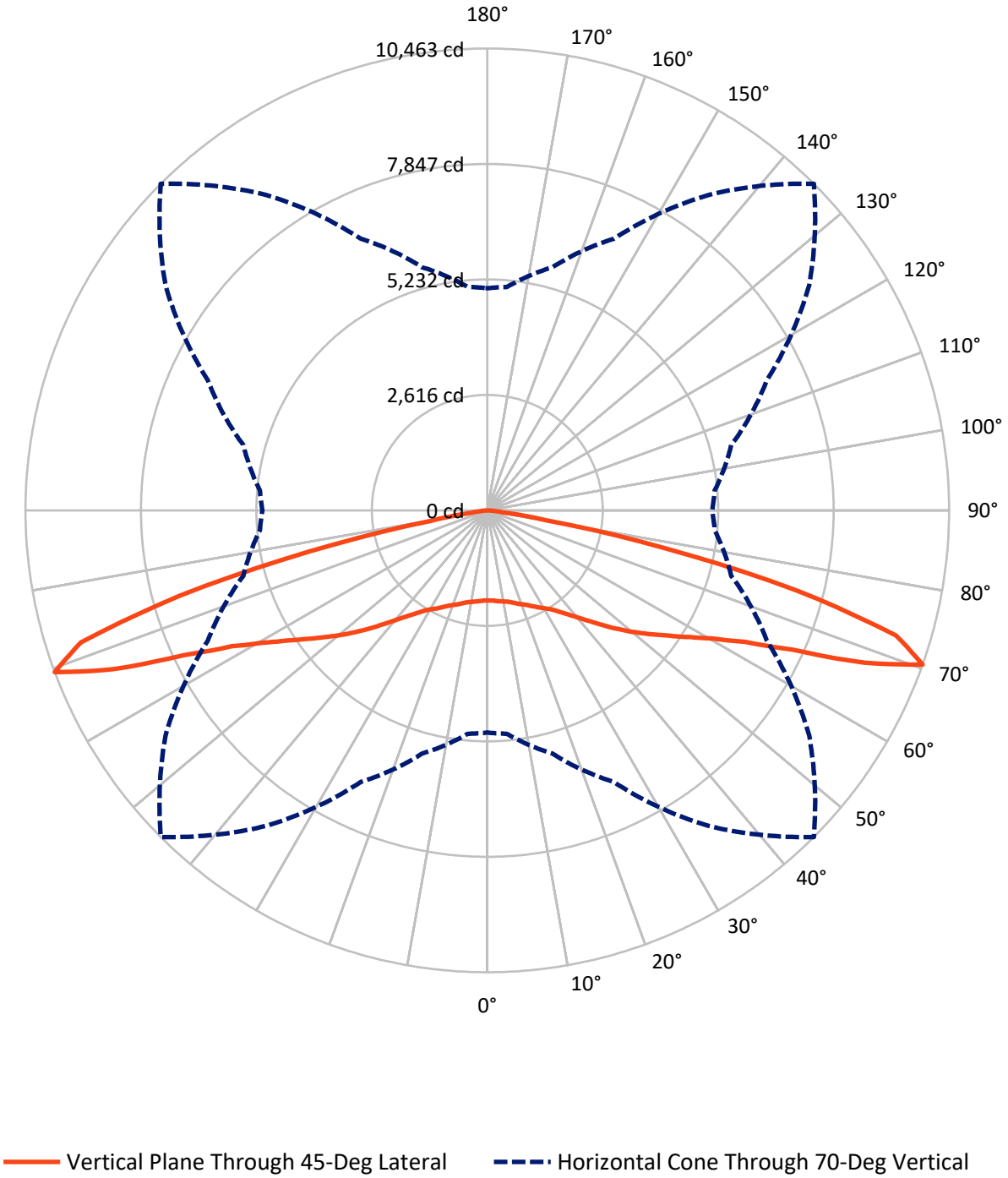
Based on 10 foot mounting height. Maximum calculated value = 20.4 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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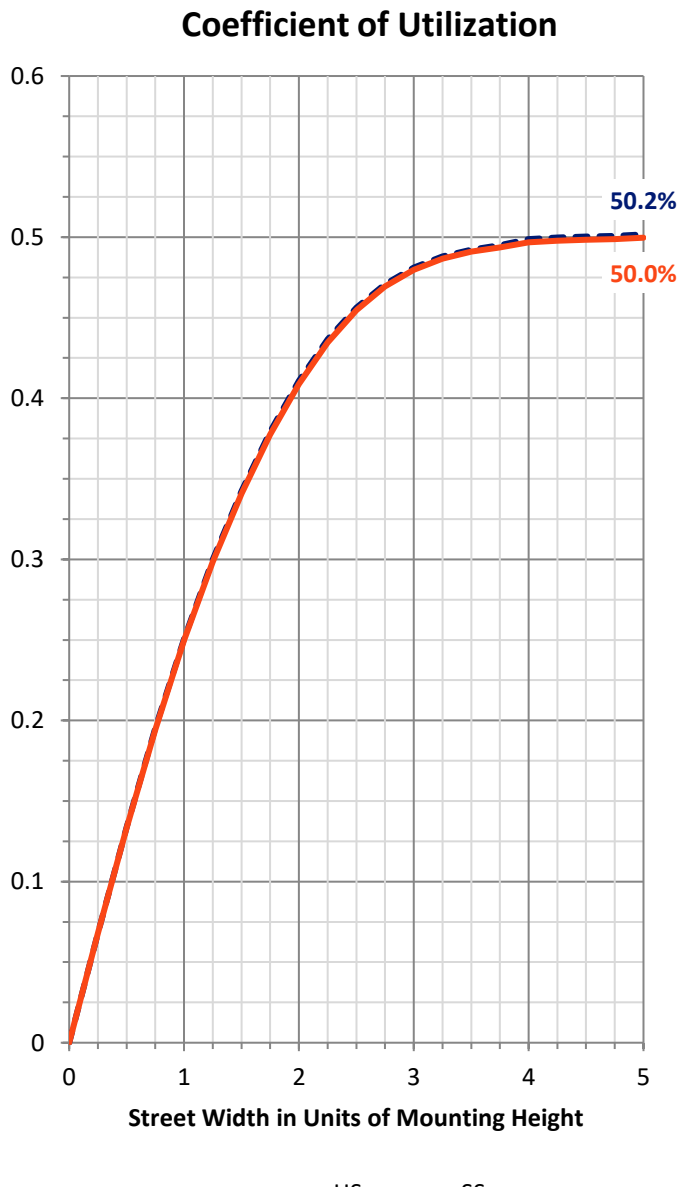
REPORT NUMBER: P1203742
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10654.0	0.0	10654.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	10654.0	0.0	10654.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	21308.0	0.0	21308.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	198.3	0.9
10°-20°	614.9	2.9
20°-30°	1098.9	5.2
30°-40°	1781.2	8.4
40°-50°	2901.3	13.6
50°-60°	4423.6	20.8
60°-70°	6580.9	30.9
70°-80°	3586.8	16.8
80°-90°	122.1	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°	21308.0	100.0
0°-180°	21308.0	100.0



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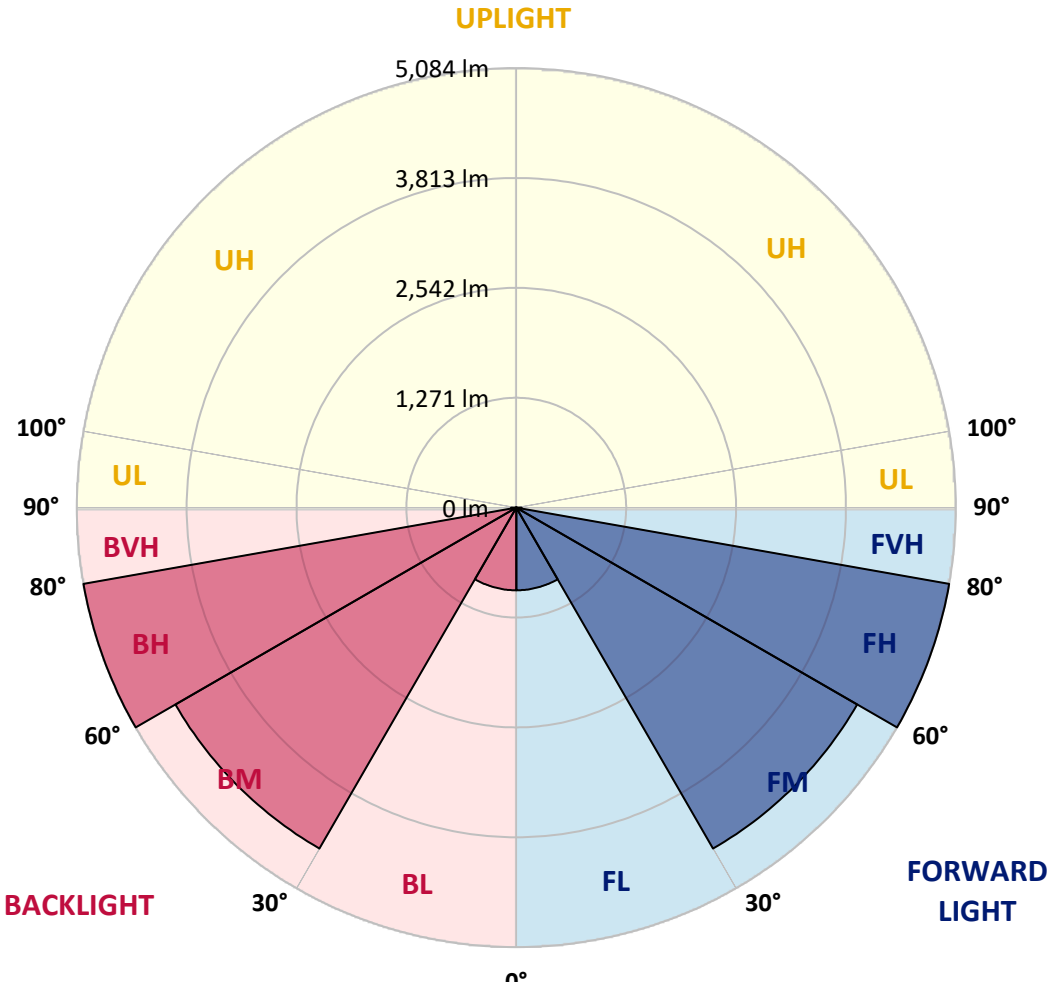
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	956.0	4.5			
FM	(30°-60°)	4553.1	21.4			
FH	(60°-80°)	5083.8	23.9			G3/7500
FVH	(80°-90°)	61.1	0.3			G1/100
BL	(0°-30°)	956.0	4.5	B2/1000		
BM	(30°-60°)	4553.1	21.4	B3/5000		
BH	(60°-80°)	5083.8	23.9	B5		G3/7500
BVH	(80°-90°)	61.1	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G3
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	2041.1	2041.1	2041.1	2041.1	2041.1	*2041.1*	2041.1	2041.1	2041.1	2041.1	2041.1
2.5°	2050.7	2052.9	2048.6	2046.4	2044.3	*2041.1*	2042.2	2047.5	2051.8	2050.7	2051.8
5°	2067.8	2070.0	2066.8	2065.7	2061.4	*2060.3*	2060.3	2065.7	2068.9	2066.8	2067.8
7.5°	2087.1	2090.3	2084.9	2083.9	2081.7	*2079.6*	2078.5	2083.9	2087.1	2087.1	2087.1
10°	2105.3	2108.5	2104.2	2101.0	2098.9	*2098.9*	2096.7	2101.0	2106.3	2105.3	2105.3
12.5°	2124.5	2126.7	2122.4	2120.2	2120.2	*2123.5*	2120.2	2122.4	2126.7	2124.5	2123.5
15°	2148.1	2149.1	2148.1	2151.3	2156.6	*2167.3*	2157.7	2155.5	2157.7	2152.3	2152.3
17.5°	2180.2	2182.3	2186.6	2194.1	2201.5	*2220.8*	2203.7	2198.3	2198.3	2187.6	2187.6
20°	2219.7	2222.9	2229.4	2242.2	2251.8	*2270.0*	2252.9	2245.4	2242.2	2228.3	2228.3
22.5°	2261.5	2266.8	2276.4	2293.5	2310.7	*2327.8*	2310.7	2297.8	2288.2	2270.0	2268.9
25°	2309.6	2316.0	2331.0	2358.8	2382.3	*2406.9*	2386.6	2360.9	2341.7	2316.0	2314.9
27.5°	2378.1	2385.5	2403.7	2438.0	2467.9	*2489.3*	2470.1	2436.9	2410.2	2379.1	2378.1
30°	2474.3	2481.8	2503.2	2539.6	2559.9	*2573.8*	2561.0	2535.3	2503.2	2467.9	2467.9
32.5°	2598.4	2608.1	2631.6	2665.8	2670.1	*2672.2*	2668.0	2655.1	2631.6	2588.8	2589.9
35°	2755.7	2766.4	2793.1	2820.9	2816.7	*2820.9*	2814.5	2810.2	2793.1	2743.9	2743.9
37.5°	2948.2	2961.1	2988.9	3010.3	2999.6	*2994.2*	2995.3	2996.4	2986.7	2932.2	2932.2
40°	3171.8	3188.9	3209.3	3231.7	3213.5	*3197.5*	3208.2	3216.7	3208.2	3152.6	3152.6
42.5°	3401.8	3426.4	3447.8	3479.9	3464.9	*3444.6*	3459.6	3469.2	3451.0	3391.1	3395.4
45°	3657.5	3681.0	3708.8	3757.0	3746.3	*3724.9*	3746.3	3748.4	3717.4	3646.8	3654.3
47.5°	3921.7	3946.3	3988.0	4052.2	4047.9	*4024.4*	4052.2	4037.2	3997.7	3913.2	3907.8
50°	4172.0	4206.3	4270.4	4360.3	4368.9	*4340.0*	4377.4	4348.5	4282.2	4176.3	4174.2
52.5°	4407.4	4443.7	4545.4	4667.3	4698.3	*4660.9*	4711.2	4660.9	4561.4	4425.6	4412.7
55°	4654.5	4695.1	4816.0	4975.4	5037.5	*5009.6*	5056.7	4980.8	4839.6	4674.8	4652.3
57.5°	4945.5	4970.1	5114.5	5303.8	5408.7	*5415.1*	5436.5	5308.1	5136.9	4949.7	4924.1
60°	5261.0	5295.3	5452.5	5679.3	5845.1	*5898.6*	5876.1	5685.7	5486.8	5271.7	5237.5
62.5°	5665.4	5702.8	5891.1	6162.8	6424.9	*6557.6*	6469.9	6193.9	5947.8	5690.0	5645.1
65°	6000.2	6042.0	6382.1	6866.7	7343.8	*7610.2*	7389.8	6881.7	6438.8	6075.1	6015.2
67.5°	5757.4	5808.8	6342.6	7232.6	8418.9	*9213.8*	8459.6	7341.7	6474.1	5981.0	5907.2
70°	*5032.1*	*5080.2*	*5702.8*	*6790.8*	*8721.7*	*10463.2*	*8903.5*	*6990.8*	*5723.2*	*5171.2*	*5097.4*
72.5°	3340.8	3495.9	4126.0	5431.1	7787.8	*9682.3*	7864.8	5320.9	3827.6	3333.3	3225.3
75°	1108.3	1232.4	1662.4	2815.6	5216.1	*7241.1*	4965.8	2491.5	1316.9	947.8	896.5
77.5°	279.2	322.0	443.9	805.5	2080.7	*4122.8*	1873.1	657.9	358.4	250.3	223.6
80°	135.9	149.8	214.0	268.5	521.0	*1310.4*	488.9	252.5	169.0	130.5	119.8
82.5°	74.9	76.0	120.9	151.9	193.6	*339.1*	201.1	147.6	97.3	79.2	79.2
85°	46.0	44.9	64.2	81.3	81.3	*120.9*	96.3	81.3	55.6	49.2	51.3
87.5°	18.2	18.2	23.5	25.7	22.5	*31.0*	24.6	26.7	21.4	20.3	21.4
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)