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: P1201874

Luminaire Tested: GWC-SB1C-735-U-5WQ

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201874
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-1)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1C-735-U-5WQ
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7616 lumens
Efficiency:	N/A
Efficacy:	140.0 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B3 - U0 - G2

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

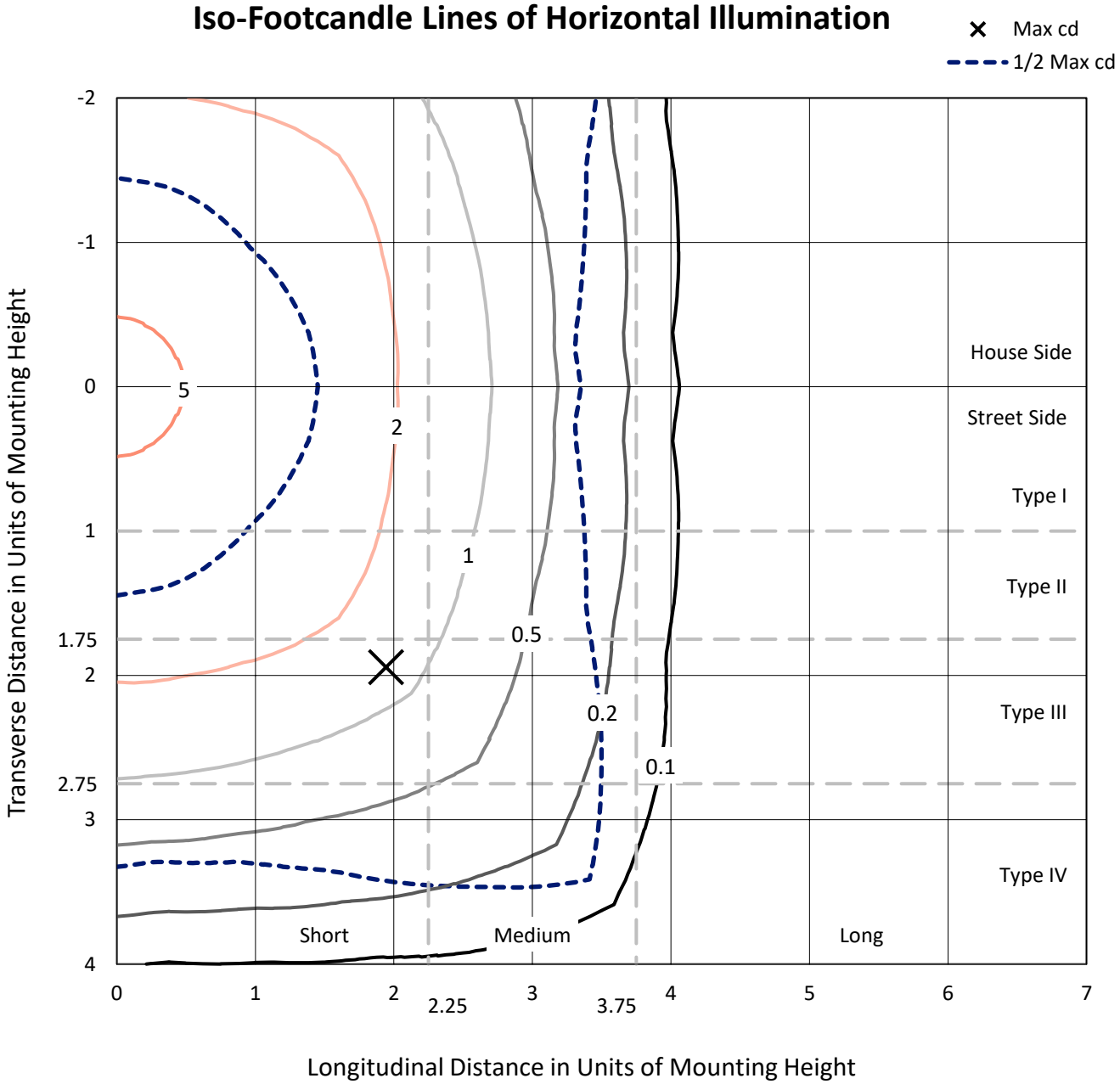


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Iso-Footcandle Lines of Horizontal Illumination



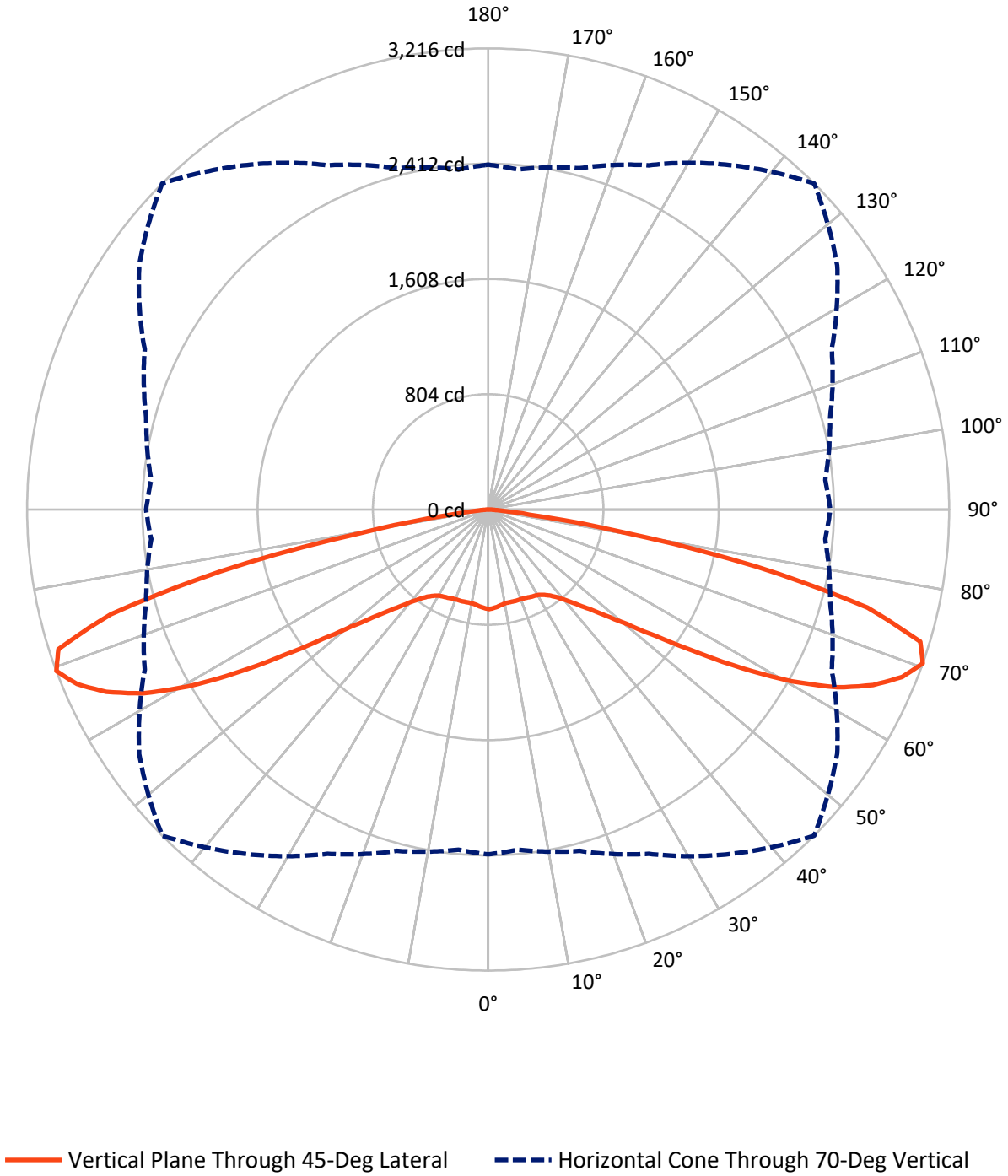
Based on 10 foot mounting height. Maximum calculated value = 6.9 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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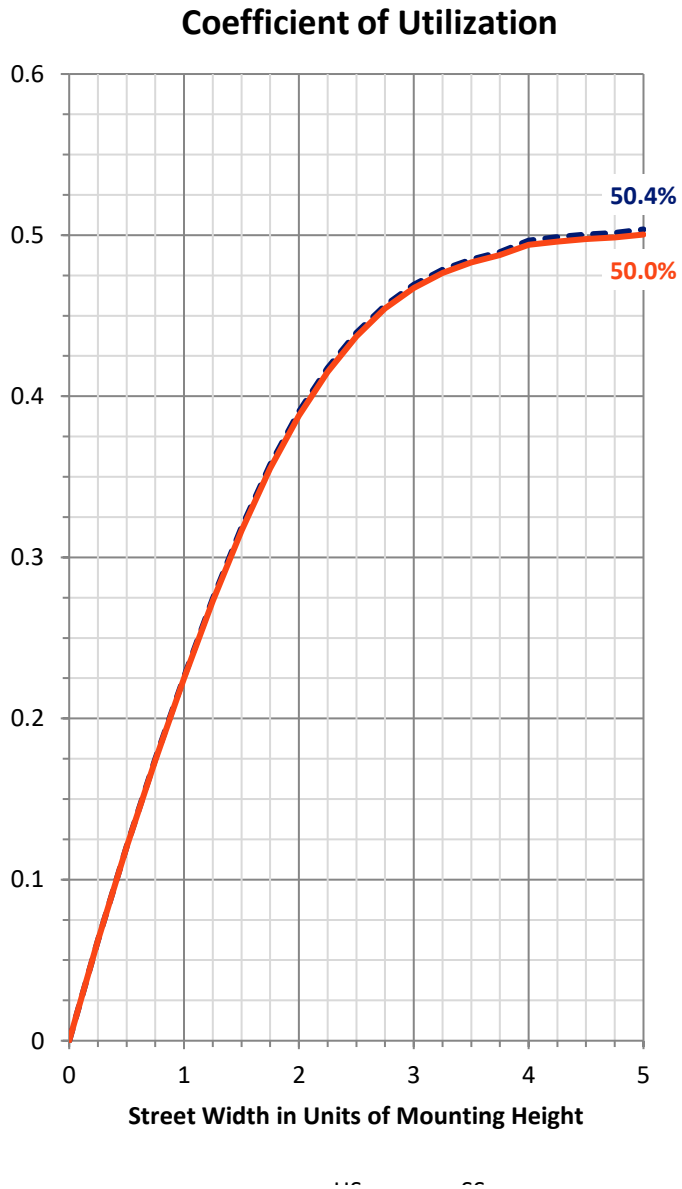
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3808.0	0.0	3808.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3808.0	0.0	3808.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	7616.0	0.0	7616.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.6	0.8
10°-20°	189.8	2.5
20°-30°	315.8	4.1
30°-40°	477.6	6.3
40°-50°	793.6	10.4
50°-60°	1497.5	19.7
60°-70°	2528.6	33.2
70°-80°	1661.5	21.8
80°-90°	87.1	1.1
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°	7616.0	100.0
0°-180°	7616.0	100.0



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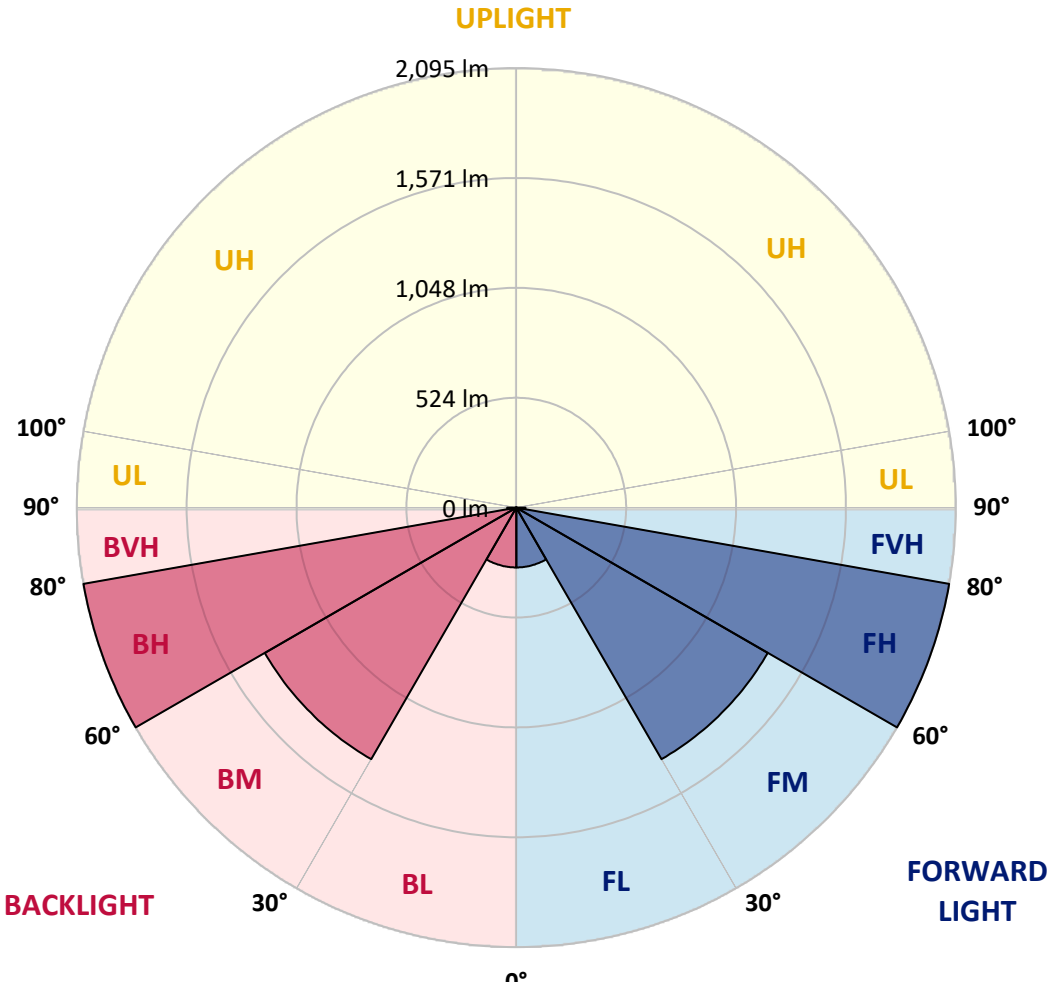
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	285.1	3.7			
FM	(30°-60°)	1384.3	18.2			
FH	(60°-80°)	2095.1	27.5			G2/5000
FVH	(80°-90°)	43.5	0.6			G1/100
BL	(0°-30°)	285.1	3.7	B1/500		
BM	(30°-60°)	1384.3	18.2	B2/2500		
BH	(60°-80°)	2095.1	27.5	B3/2500		G2/5000
BVH	(80°-90°)	43.5	0.6			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°	694.7	694.7	694.7	694.7	694.7	*694.7*	694.7	694.7	694.7	694.7	694.7
2.5°	690.4	692.4	691.6	690.0	690.0	*688.8*	690.0	690.8	692.0	692.8	692.4
5°	681.3	682.9	682.5	681.3	681.7	*680.5*	681.3	682.5	683.3	683.6	683.6
7.5°	673.4	674.9	674.1	672.2	672.2	*671.0*	671.4	672.6	673.8	674.1	674.1
10°	671.4	673.0	670.6	667.4	666.2	*664.6*	665.0	666.2	668.6	669.8	669.8
12.5°	672.2	673.4	671.0	666.2	665.0	*663.5*	663.5	664.6	667.8	669.4	669.8
15°	674.5	675.7	672.2	667.0	665.8	*664.6*	664.3	665.8	669.4	672.2	672.6
17.5°	678.9	680.1	674.5	667.4	665.8	*666.2*	665.8	667.0	672.6	677.7	677.7
20°	682.9	683.6	676.1	667.4	665.8	*666.2*	665.8	668.2	675.3	682.5	682.9
22.5°	684.0	684.8	677.7	670.2	669.0	*669.4*	669.0	671.4	678.1	685.2	685.2
25°	684.4	685.6	680.1	674.1	676.1	*676.9*	676.1	676.5	681.7	688.0	687.6
27.5°	690.4	692.0	686.8	681.7	682.9	*682.5*	683.6	684.8	688.8	695.1	693.5
30°	702.6	703.8	699.5	694.3	693.5	*690.8*	694.3	698.3	702.6	708.2	707.0
32.5°	722.8	725.2	719.7	714.1	710.6	*709.0*	711.8	718.5	724.4	730.4	728.0
35°	756.5	758.1	752.9	742.6	736.3	*736.3*	738.7	747.4	756.9	764.4	761.6
37.5°	804.0	806.0	796.9	784.6	775.1	*775.1*	778.3	787.4	801.6	812.3	808.3
40°	861.8	864.6	853.1	840.4	831.3	*829.7*	833.7	844.0	857.4	870.9	866.5
42.5°	931.5	934.6	919.6	908.5	901.4	*901.4*	903.4	912.9	925.1	941.7	940.6
45°	1020.5	1026.1	1005.5	994.4	987.7	*989.3*	990.4	998.8	1009.8	1028.8	1028.0
47.5°	1126.6	1132.2	1110.4	1098.9	1097.7	*1105.2*	1100.5	1106.4	1112.4	1134.1	1127.8
50°	1247.0	1256.5	1241.4	1240.6	1243.0	*1256.9*	1245.8	1248.9	1242.2	1256.1	1247.7
52.5°	1394.2	1408.1	1405.3	1410.0	1436.6	*1465.1*	1439.7	1428.7	1403.3	1407.7	1393.0
55°	1572.7	1593.7	1597.7	1626.2	1686.4	*1744.6*	1690.7	1646.0	1592.1	1582.2	1566.8
57.5°	1775.8	1792.4	1811.5	1869.6	1982.1	*2085.4*	1982.1	1883.1	1798.4	1778.2	1763.9
60°	1994.3	2014.9	2033.1	2119.0	2286.1	*2431.4*	2282.9	2125.8	2013.7	1986.4	1962.7
62.5°	2229.1	2255.6	2268.3	2363.7	2558.4	*2731.8*	2561.2	2370.8	2246.5	2217.2	2193.5
65°	2454.3	2476.1	2490.3	2592.1	2778.1	*2951.9*	2790.8	2603.2	2475.3	2436.9	2417.9
67.5°	2559.2	2571.1	2605.9	2721.1	2917.5	*3115.8*	2950.7	2733.4	2590.5	2523.2	2524.0
70°	*2405.6*	*2381.5*	*2465.4*	*2649.9*	*2934.1*	*3216.4*	*2972.1*	*2644.3*	*2469.4*	*2360.1*	*2386.2*
72.5°	1859.0	1817.4	1963.1	2278.6	2744.1	*3152.2*	2763.1	2296.4	2053.7	1832.0	1887.1
75°	1011.4	964.3	1165.4	1564.4	2188.3	*2732.2*	2238.6	1609.2	1297.6	1003.9	1069.2
77.5°	285.4	267.6	429.9	756.9	1316.2	*1918.3*	1366.9	773.5	509.9	302.4	336.1
80°	87.5	84.7	114.8	228.0	559.0	*918.8*	537.2	230.8	146.1	92.2	97.4
82.5°	51.9	47.5	57.0	83.1	142.5	*288.6*	138.6	86.7	69.7	46.7	50.7
85°	29.7	27.7	33.6	40.4	47.9	*61.4*	40.0	41.2	37.2	24.9	26.1
87.5°	12.3	11.1	13.1	12.7	11.1	*14.3*	10.7	12.7	15.0	9.9	9.1
90°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0	0.0	0.0


HS
SS

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(END OF REPORT)