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: P1202996

Luminaire Tested: GWC-SB2B-735-U-5WQ

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202996
	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-SB2B-735-U-5WQ
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11389 lumens
Efficiency:	N/A
Efficacy:	154.1 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):	73.9
Input Voltage (V):	120.0
Input Current (Ain):	0.627
Voltage Rise (V):	NR
Power Factor:	0.988
Total Harmonic Distortion (THDi):	13.593
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

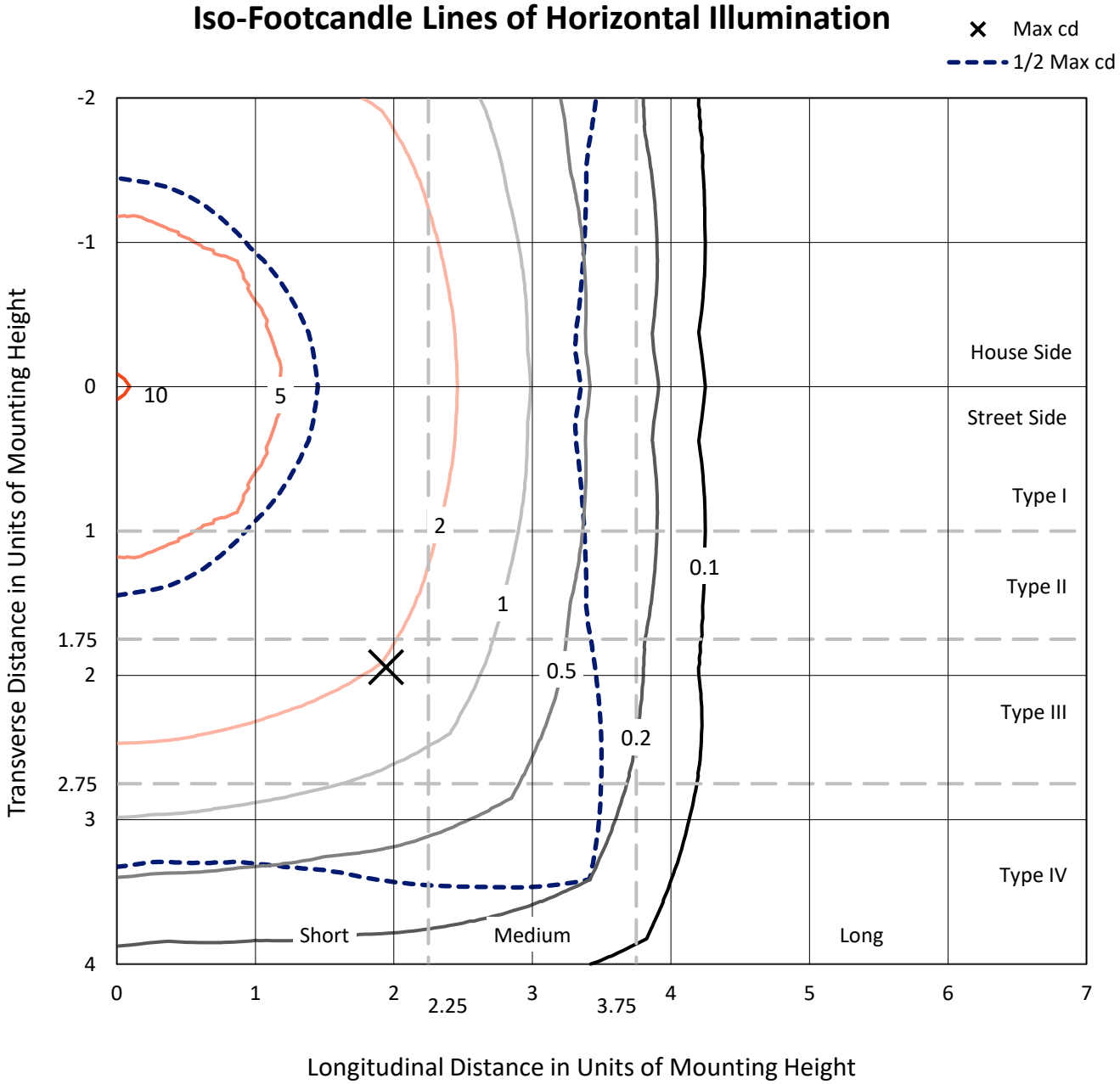


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Iso-Footcandle Lines of Horizontal Illumination



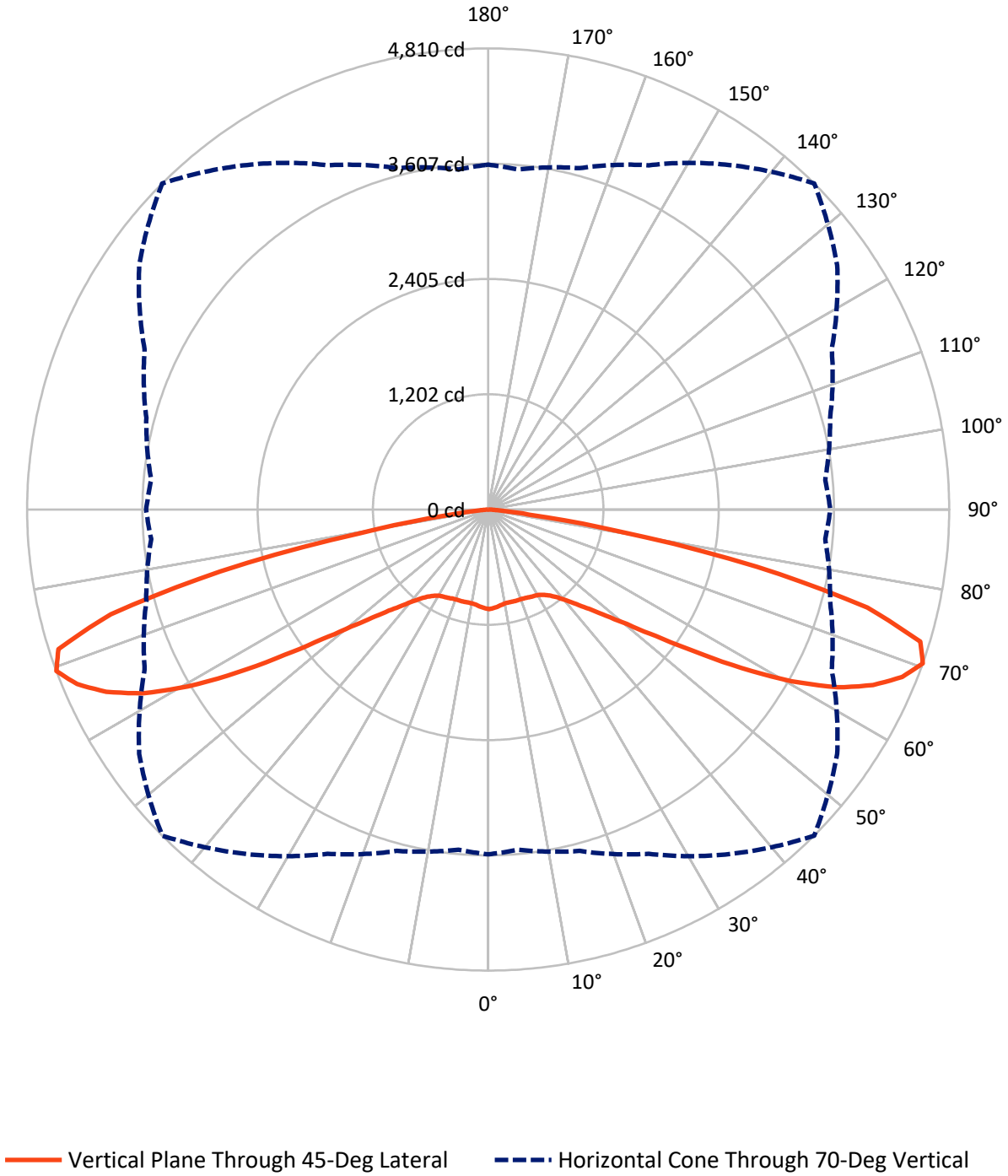
Based on 10 foot mounting height. Maximum calculated value = 10.4 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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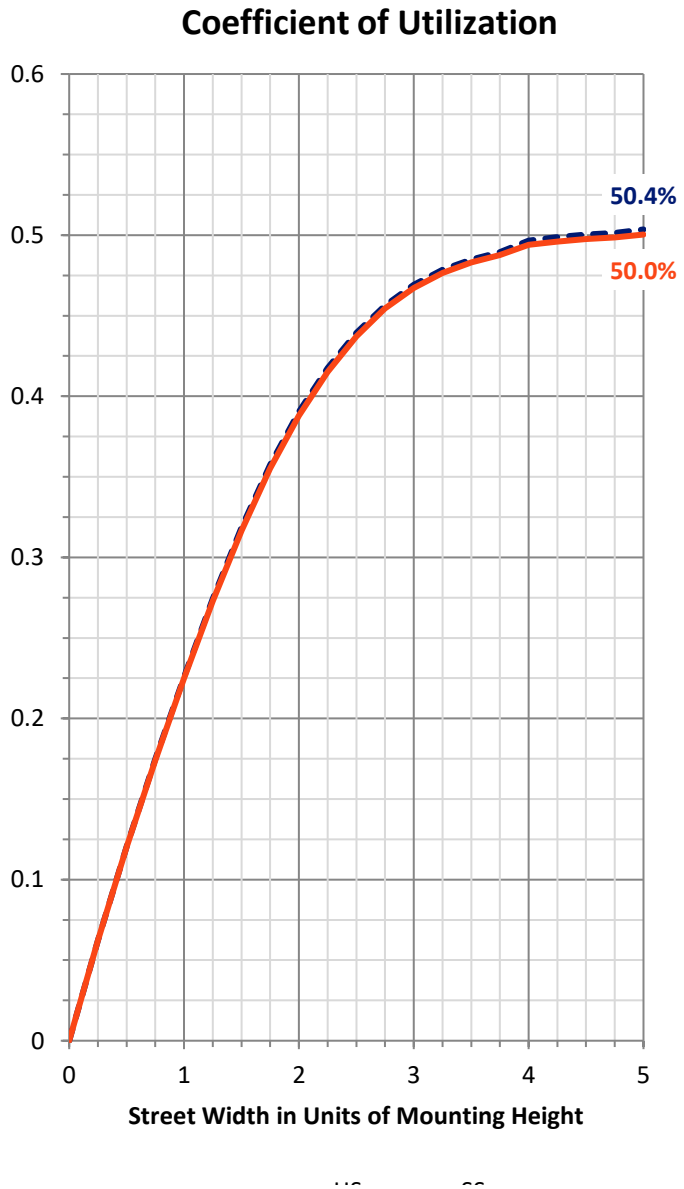
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5694.5	0.0	5694.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5694.5	0.0	5694.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	11389.0	0.0	11389.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.6	0.8
10°-20°	283.8	2.5
20°-30°	472.2	4.1
30°-40°	714.1	6.3
40°-50°	1186.7	10.4
50°-60°	2239.4	19.7
60°-70°	3781.2	33.2
70°-80°	2484.7	21.8
80°-90°	130.2	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°	11389.0	100.0
0°-180°	11389.0	100.0



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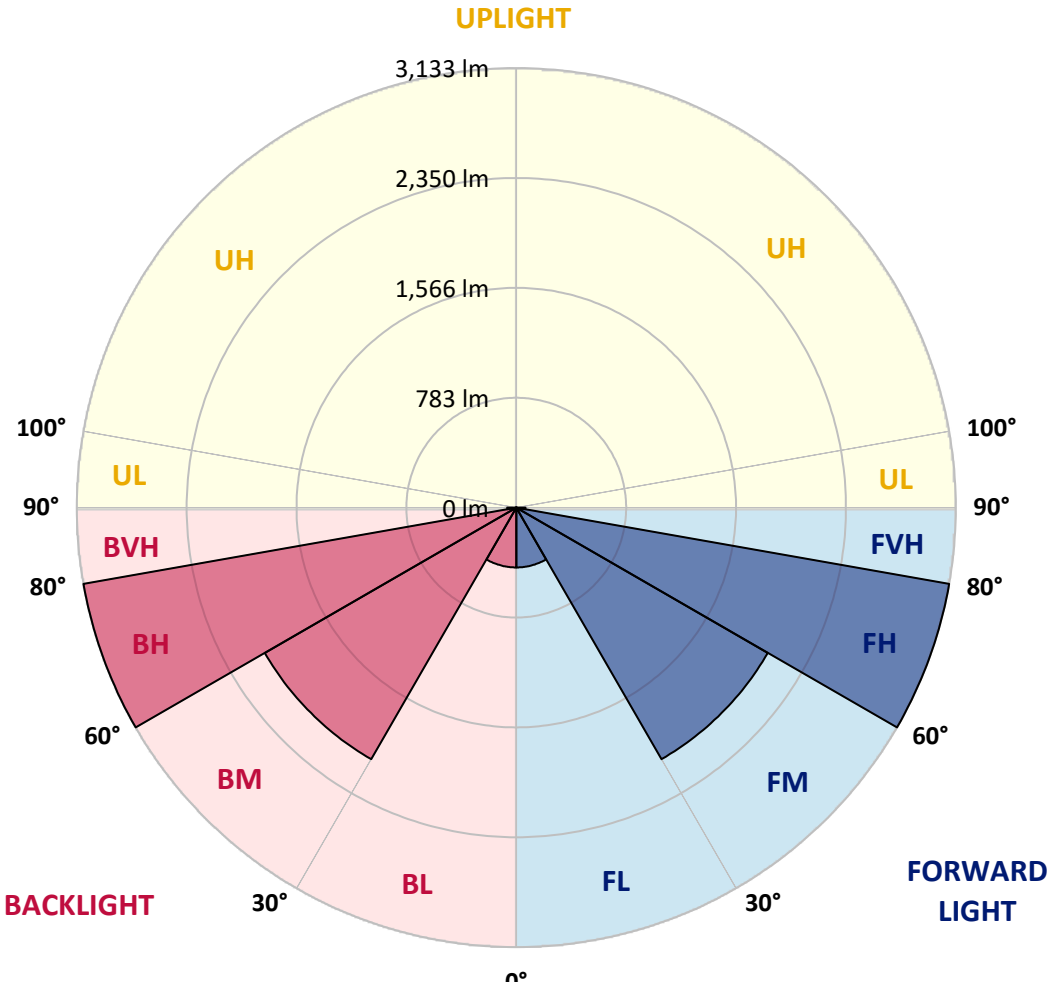
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	426.3	3.7			
FM	(30°-60°)	2070.1	18.2			
FH	(60°-80°)	3133.0	27.5			G2/5000
FVH	(80°-90°)	65.1	0.6			G1/100
BL	(0°-30°)	426.3	3.7	B1/500		
BM	(30°-60°)	2070.1	18.2	B2/2500		
BH	(60°-80°)	3133.0	27.5	B4/5000		G2/5000
BVH	(80°-90°)	65.1	0.6			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°	1038.9	1038.9	1038.9	1038.9	1038.9	*1038.9*	1038.9	1038.9	1038.9	1038.9	1038.9
2.5°	1032.4	1035.4	1034.2	1031.8	1031.8	*1030.0*	1031.8	1033.0	1034.8	1035.9	1035.4
5°	1018.8	1021.1	1020.6	1018.8	1019.4	*1017.6*	1018.8	1020.6	1021.7	1022.3	1022.3
7.5°	1006.9	1009.3	1008.1	1005.2	1005.2	*1003.4*	1004.0	1005.8	1007.5	1008.1	1008.1
10°	1004.0	1006.3	1002.8	998.1	996.3	*993.9*	994.5	996.3	999.8	1001.6	1001.6
12.5°	1005.2	1006.9	1003.4	996.3	994.5	*992.1*	992.1	993.9	998.7	1001.0	1001.6
15°	1008.7	1010.5	1005.2	997.5	995.7	*993.9*	993.3	995.7	1001.0	1005.2	1005.8
17.5°	1015.2	1017.0	1008.7	998.1	995.7	*996.3*	995.7	997.5	1005.8	1013.5	1013.5
20°	1021.1	1022.3	1011.1	998.1	995.7	*996.3*	995.7	999.2	1009.9	1020.6	1021.1
22.5°	1022.9	1024.1	1013.5	1002.2	1000.4	*1001.0*	1000.4	1004.0	1014.0	1024.7	1024.7
25°	1023.5	1025.3	1017.0	1008.1	1011.1	*1012.3*	1011.1	1011.7	1019.4	1028.8	1028.3
27.5°	1032.4	1034.8	1027.1	1019.4	1021.1	*1020.6*	1022.3	1024.1	1030.0	1039.5	1037.1
30°	1050.7	1052.5	1046.0	1038.3	1037.1	*1033.0*	1038.3	1044.2	1050.7	1059.0	1057.3
32.5°	1080.9	1084.5	1076.2	1067.9	1062.6	*1060.2*	1064.4	1074.4	1083.3	1092.2	1088.6
35°	1131.3	1133.6	1125.9	1110.5	1101.1	*1101.1*	1104.6	1117.6	1131.8	1143.1	1138.9
37.5°	1202.3	1205.2	1191.6	1173.3	1159.1	*1159.1*	1163.8	1177.4	1198.7	1214.7	1208.8
40°	1288.7	1292.9	1275.7	1256.8	1243.1	*1240.8*	1246.7	1262.1	1282.2	1302.3	1295.8
42.5°	1392.9	1397.6	1375.1	1358.6	1347.9	*1347.9*	1350.9	1365.1	1383.4	1408.3	1406.5
45°	1526.1	1534.4	1503.6	1487.0	1477.0	*1479.3*	1481.1	1493.5	1510.1	1538.5	1537.3
47.5°	1684.7	1693.0	1660.5	1643.3	1641.5	*1652.8*	1645.7	1654.6	1663.4	1696.0	1686.5
50°	1864.7	1878.9	1856.4	1855.2	1858.8	*1879.5*	1862.9	1867.7	1857.6	1878.3	1865.9
52.5°	2084.9	2105.6	2101.5	2108.6	2148.3	*2190.9*	2153.0	2136.4	2098.5	2105.0	2083.1
55°	2351.9	2383.3	2389.2	2431.8	2521.8	*2608.8*	2528.3	2461.4	2380.9	2366.1	2343.0
57.5°	2655.6	2680.4	2708.9	2795.9	2964.0	*3118.5*	2964.0	2816.0	2689.3	2659.1	2637.8
60°	2982.3	3013.1	3040.4	3168.8	3418.6	*3635.9*	3413.9	3178.9	3011.3	2970.5	2935.0
62.5°	3333.4	3373.0	3392.0	3534.6	3825.9	*4085.2*	3830.0	3545.3	3359.4	3315.6	3280.1
65°	3670.2	3702.8	3724.1	3876.2	4154.4	*4414.3*	4173.4	3892.8	3701.6	3644.2	3615.7
67.5°	3827.1	3844.8	3896.9	4069.2	4362.8	*4659.4*	4412.5	4087.5	3873.8	3773.2	3774.4
70°	*3597.4*	*3561.3*	*3686.8*	*3962.6*	*4387.7*	*4809.8*	*4444.5*	*3954.4*	*3692.7*	*3529.3*	*3568.4*
72.5°	2779.9	2717.7	2935.6	3407.4	4103.5	*4713.9*	4131.9	3434.0	3071.1	2739.6	2821.9
75°	1512.5	1442.0	1742.8	2339.5	3272.4	*4085.8*	3347.6	2406.4	1940.5	1501.2	1598.9
77.5°	426.8	400.2	642.9	1131.8	1968.3	*2868.7*	2044.1	1156.7	762.5	452.3	502.6
80°	130.8	126.7	171.7	341.0	835.9	*1374.0*	803.3	345.1	218.4	137.9	145.6
82.5°	77.5	71.0	85.2	124.3	213.1	*431.5*	207.2	129.6	104.2	69.9	75.8
85°	44.4	41.4	50.3	60.4	71.6	*91.8*	59.8	61.6	55.6	37.3	39.1
87.5°	18.4	16.6	19.5	18.9	16.6	*21.3*	16.0	18.9	22.5	14.8	13.6
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)