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: P1201500

Luminaire Tested: GWC-SB1B-735-U-5WQ

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201500
	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-SB1B-735-U-5WQ
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5726 lumens
Efficiency:	N/A
Efficacy:	143.9 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B3 - U0 - G1

Input Watts (W):	39.8
Input Voltage (V):	120.0
Input Current (Ain):	0.33
Voltage Rise (V):	NR
Power Factor:	0.996
Total Harmonic Distortion (THDi):	5.305
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

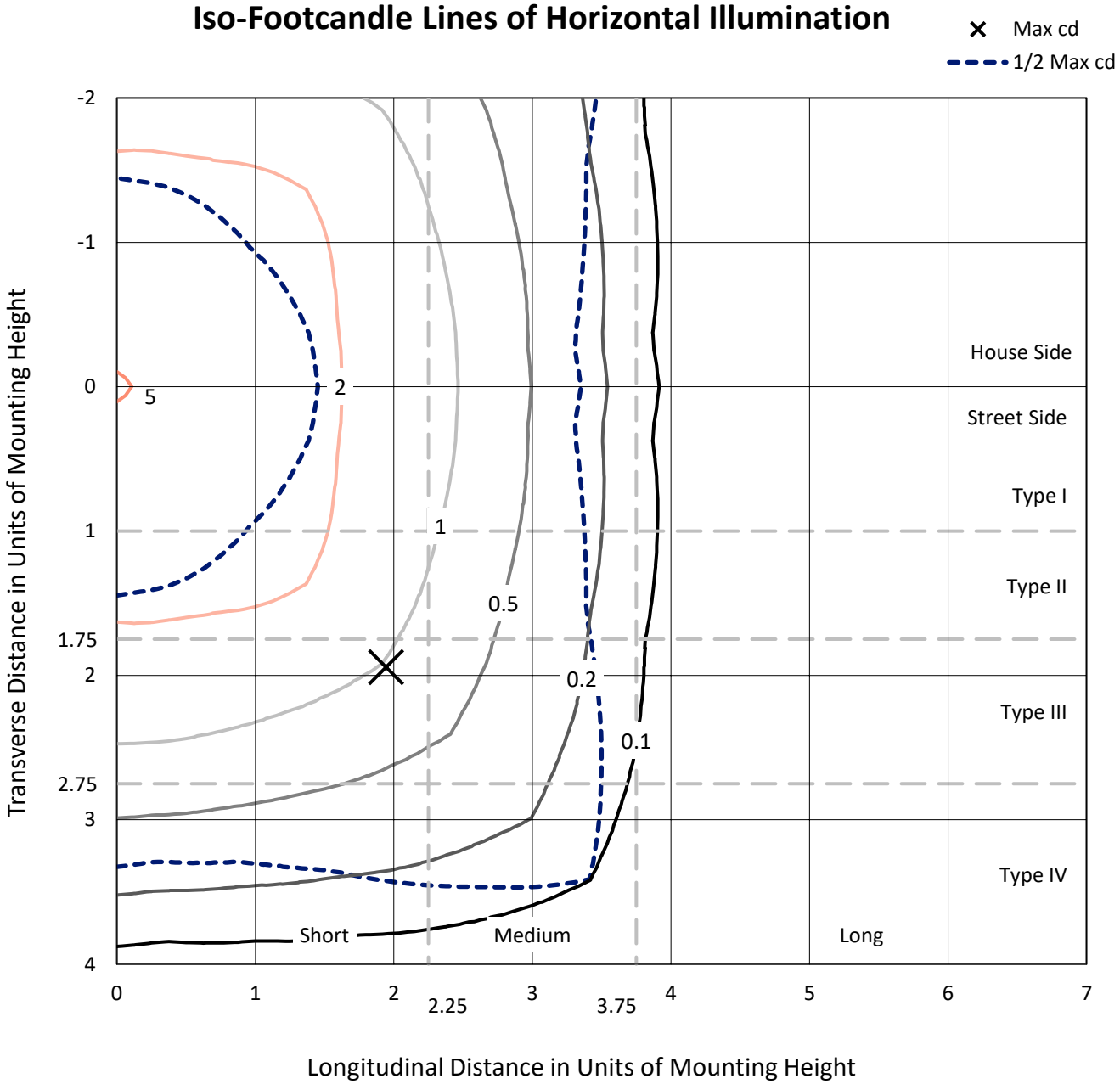


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Iso-Footcandle Lines of Horizontal Illumination



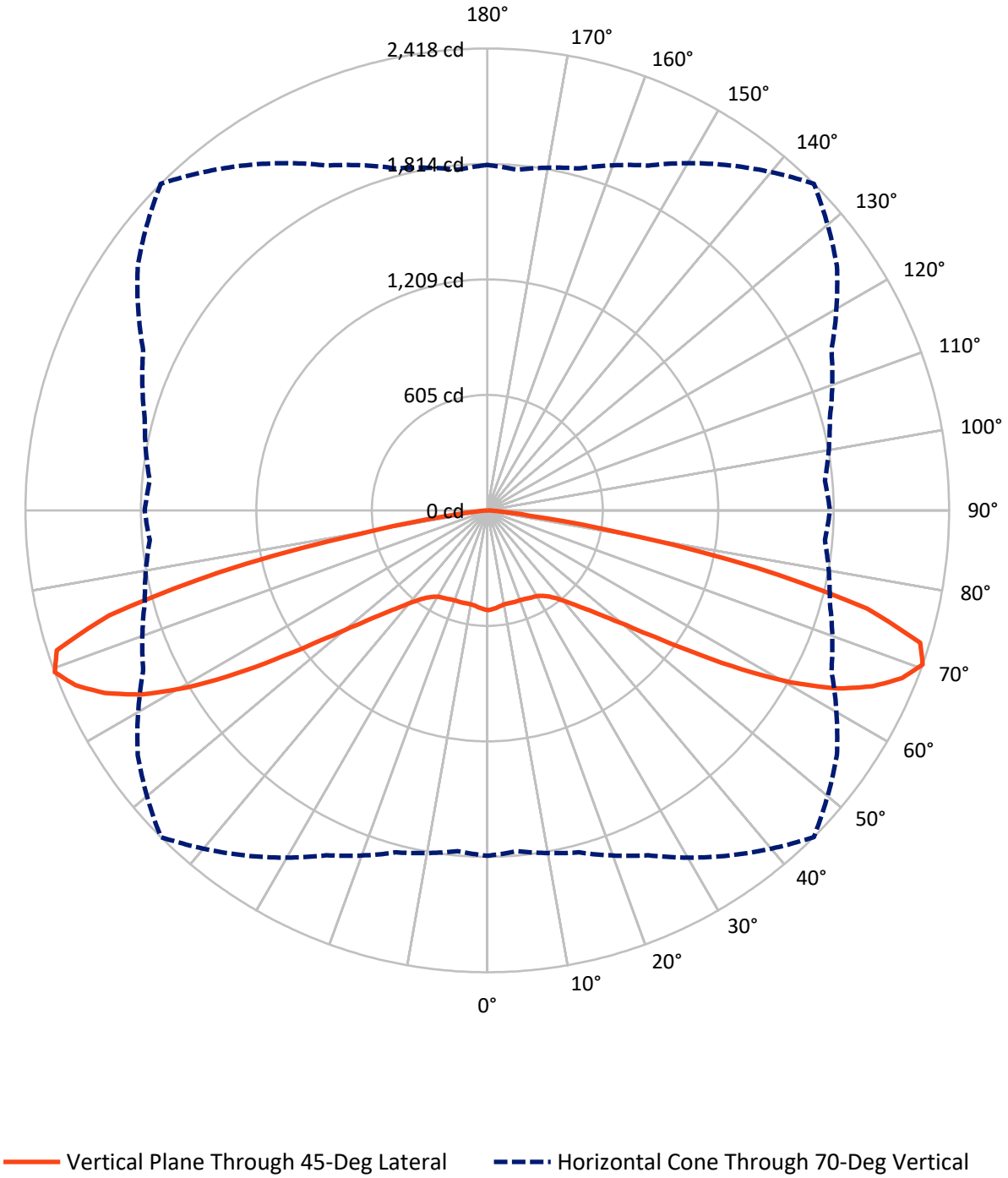
Based on 10 foot mounting height. Maximum calculated value = 5.2 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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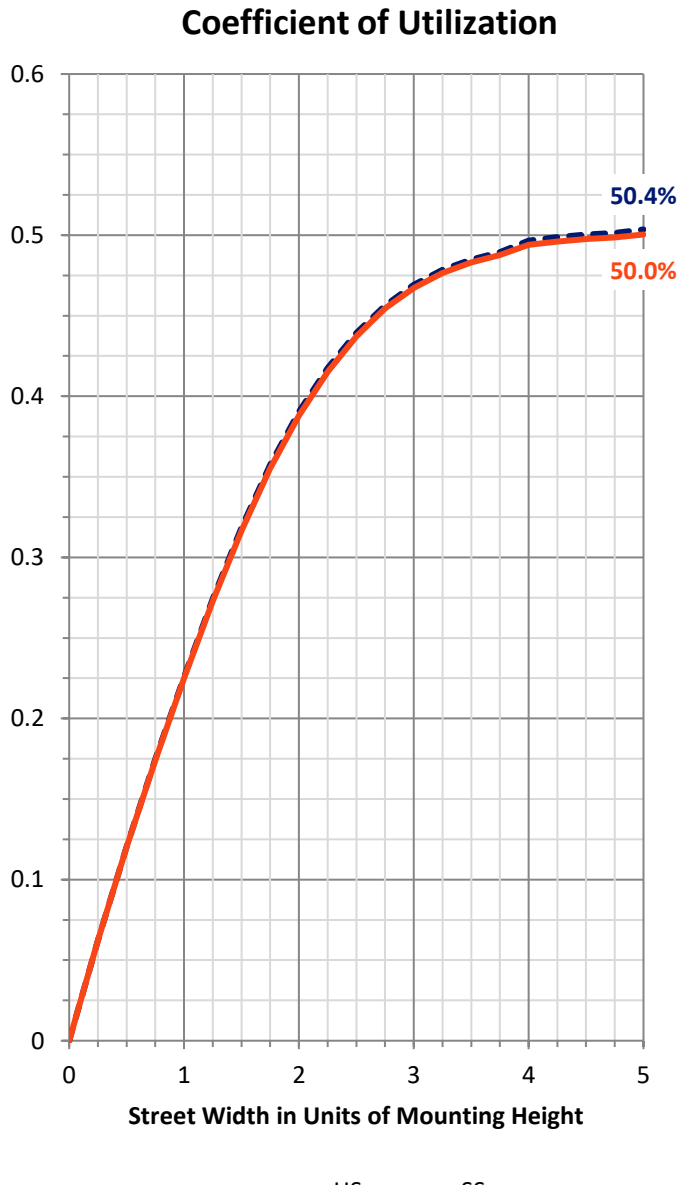
REPORT NUMBER: P1201500
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2863.0	0.0	2863.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2863.0	0.0	2863.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	5726.0	0.0	5726.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.6	0.8
10°-20°	142.7	2.5
20°-30°	237.4	4.1
30°-40°	359.0	6.3
40°-50°	596.7	10.4
50°-60°	1125.9	19.7
60°-70°	1901.1	33.2
70°-80°	1249.2	21.8
80°-90°	65.4	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°	5726.0	100.0
0°-180°	5726.0	100.0



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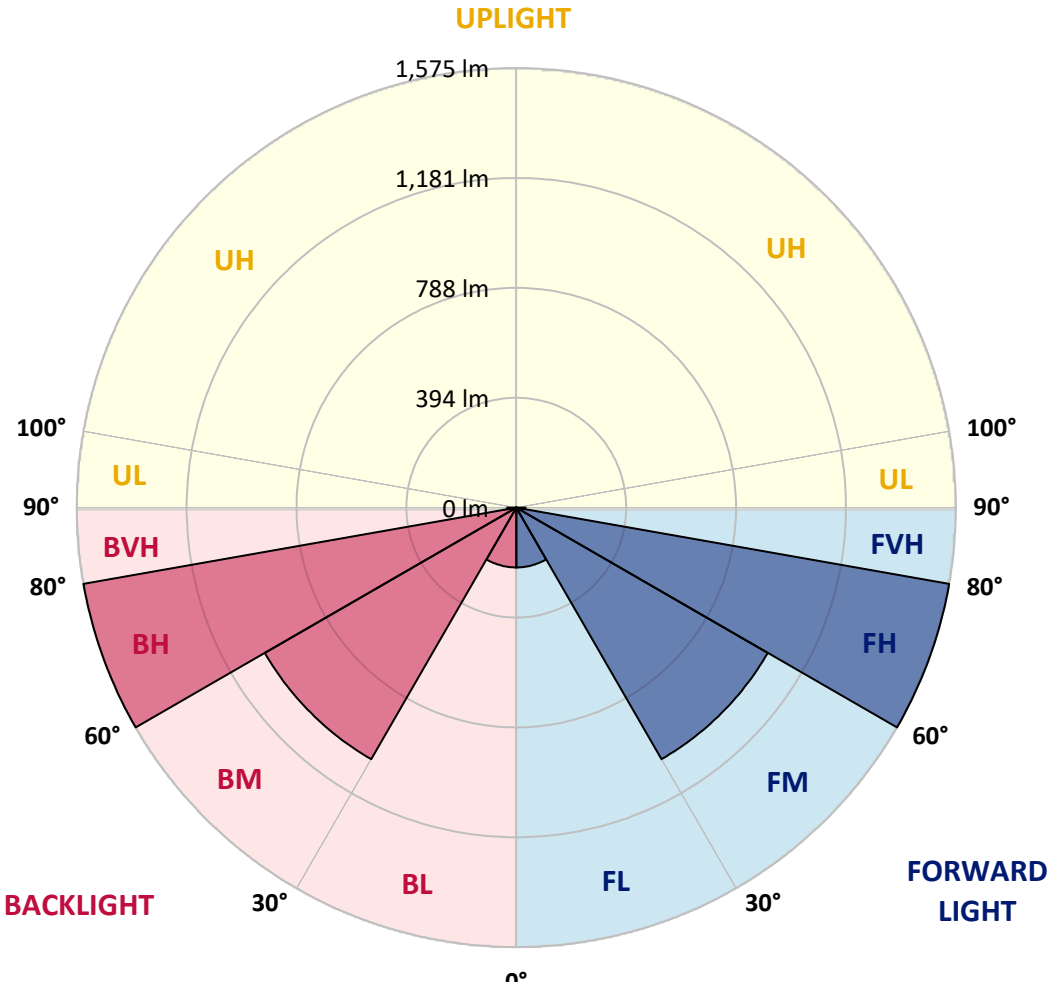
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	214.3	3.7			
FM	(30°-60°)	1040.8	18.2			
FH	(60°-80°)	1575.2	27.5			G1/1800
FVH	(80°-90°)	32.7	0.6			G1/100
BL	(0°-30°)	214.3	3.7	B1/500		
BM	(30°-60°)	1040.8	18.2	B2/2500		
BH	(60°-80°)	1575.2	27.5	B3/2500		G1/1800
BVH	(80°-90°)	32.7	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-G1
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	522.3	522.3	522.3	522.3	522.3	522.3	522.3	522.3	522.3	522.3	522.3
2.5°	519.1	520.5	519.9	518.8	518.8	517.9	518.8	519.4	520.2	520.8	520.5
5°	512.2	513.4	513.1	512.2	512.5	511.6	512.2	513.1	513.7	514.0	514.0
7.5°	506.3	507.4	506.9	505.4	505.4	504.5	504.8	505.7	506.6	506.9	506.9
10°	504.8	506.0	504.2	501.8	500.9	499.7	500.0	500.9	502.7	503.6	503.6
12.5°	505.4	506.3	504.5	500.9	500.0	498.8	498.8	499.7	502.1	503.3	503.6
15°	507.1	508.0	505.4	501.5	500.6	499.7	499.4	500.6	503.3	505.4	505.7
17.5°	510.4	511.3	507.1	501.8	500.6	500.9	500.6	501.5	505.7	509.5	509.5
20°	513.4	514.0	508.3	501.8	500.6	500.9	500.6	502.4	507.7	513.1	513.4
22.5°	514.3	514.9	509.5	503.9	503.0	503.3	503.0	504.8	509.8	515.2	515.2
25°	514.6	515.5	511.3	506.9	508.3	508.9	508.3	508.6	512.5	517.3	517.0
27.5°	519.1	520.2	516.4	512.5	513.4	513.1	514.0	514.9	517.9	522.6	521.4
30°	528.3	529.2	525.9	522.0	521.4	519.4	522.0	525.0	528.3	532.4	531.6
32.5°	543.5	545.2	541.1	536.9	534.2	533.0	535.1	540.2	544.6	549.1	547.3
35°	568.8	569.9	566.1	558.3	553.6	553.6	555.4	561.9	569.1	574.7	572.6
37.5°	604.5	606.0	599.1	589.9	582.7	582.7	585.1	592.0	602.7	610.7	607.7
40°	647.9	650.0	641.4	631.9	625.0	623.8	626.8	634.5	644.6	654.8	651.5
42.5°	700.3	702.7	691.4	683.0	677.7	677.7	679.2	686.3	695.5	708.0	707.1
45°	767.3	771.4	756.0	747.6	742.6	743.8	744.7	750.9	759.2	773.5	772.9
47.5°	847.0	851.2	834.8	826.2	825.3	831.0	827.4	831.9	836.3	852.7	847.9
50°	937.5	944.7	933.3	932.7	934.5	944.9	936.6	939.0	933.9	944.4	938.1
52.5°	1048.2	1058.6	1056.6	1060.1	1080.1	1101.5	1082.5	1074.1	1055.1	1058.3	1047.3
55°	1182.5	1198.2	1201.2	1222.6	1267.9	1311.6	1271.1	1237.5	1197.0	1189.6	1178.0
57.5°	1335.1	1347.6	1361.9	1405.7	1490.2	1567.9	1490.2	1415.8	1352.1	1336.9	1326.2
60°	1499.4	1514.9	1528.6	1593.2	1718.8	1828.0	1716.4	1598.2	1514.0	1493.5	1475.6
62.5°	1675.9	1695.8	1705.4	1777.1	1923.5	2053.9	1925.6	1782.5	1689.0	1667.0	1649.1
65°	1845.3	1861.6	1872.3	1948.8	2088.7	2219.4	2098.2	1957.2	1861.0	1832.2	1817.9
67.5°	1924.1	1933.1	1959.2	2045.9	2193.5	2342.6	2218.5	2055.1	1947.6	1897.0	1897.6
70°	1808.6	1790.5	1853.6	1992.3	2206.0	2418.2	2234.5	1988.1	1856.6	1774.4	1794.1
72.5°	1397.6	1366.4	1475.9	1713.1	2063.1	2370.0	2077.4	1726.5	1544.1	1377.4	1418.8
75°	760.4	725.0	876.2	1176.2	1645.3	2054.2	1683.1	1209.8	975.6	754.8	803.9
77.5°	214.6	201.2	323.2	569.1	989.6	1442.3	1027.7	581.6	383.3	227.4	252.7
80°	65.8	63.7	86.3	171.4	420.2	690.8	403.9	173.5	109.8	69.3	73.2
82.5°	39.0	35.7	42.9	62.5	107.1	217.0	104.2	65.2	52.4	35.1	38.1
85°	22.3	20.8	25.3	30.4	36.0	46.1	30.1	31.0	28.0	18.8	19.6
87.5°	9.2	8.3	9.8	9.5	8.3	10.7	8.0	9.5	11.3	7.4	6.8
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

0

(END OF REPORT)