Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P887711

Luminaire Tested: **TT-D3-740-U-WQ-TC**

Issue Date: 10/9/2024

Report Generated By 670246001

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Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P887711
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-238-1)
Test Lab:	INNOVATION CENTER
Issue Date:	10/9/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	TT-D3-740-U-WQ-TC
Description:	WQ
	4000K, 70 CRI LEDS, WIDE DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:	
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5456 lumens
Efficiency:	N/A
Efficacy:	115.6 lumens/watt
Luminous Opening:	Circular (Dia: 1.12' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B3 - U0 - G1

Input Watts (W):	47.2
Input Voltage (V):	120.0
Input Current (Ain):	0.39
Voltage Rise (V):	NR
Power Factor:	0.989
Total Harmonic Distortion (THDi):	12.9%
Frequency (hertz):	60
Stabilization Time:	HR
Operation Time:	HR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

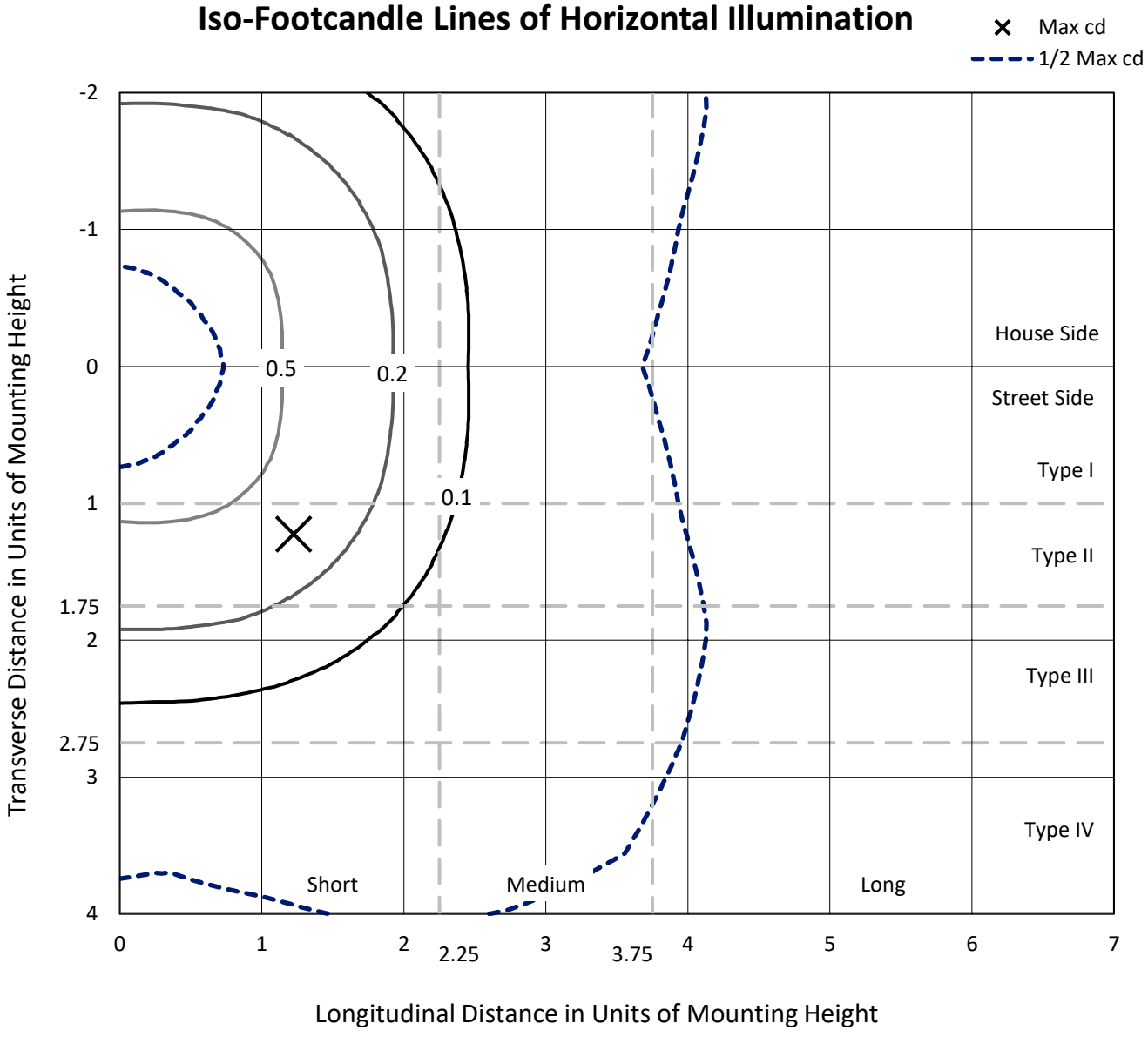


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Iso-Footcandle Lines of Horizontal Illumination



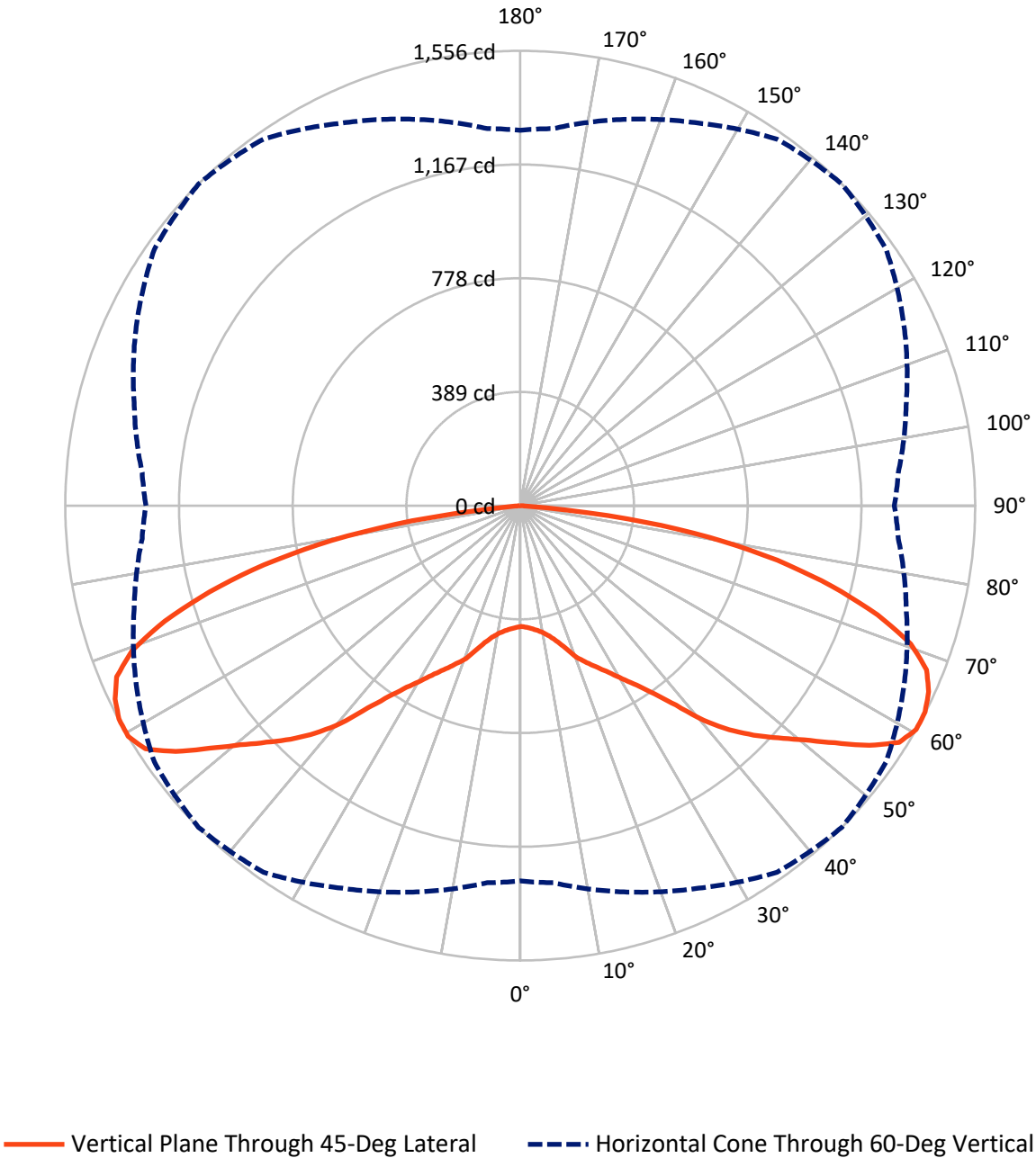
Based on 25 foot mounting height. Maximum calculated value = 0.7 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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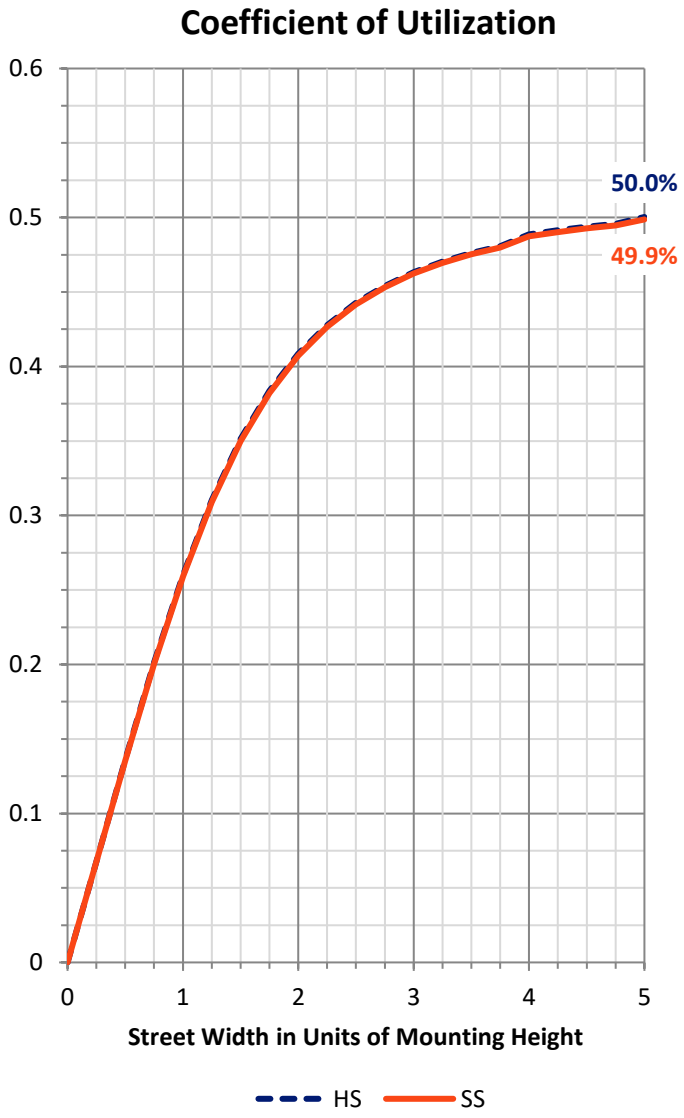
REPORT NUMBER: P887711
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2728.0	0.0	2728.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2728.0	0.0	2728.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	5456.0	0.0	5456.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.0	0.8
10°-20°	139.8	2.6
20°-30°	283.8	5.2
30°-40°	495.1	9.1
40°-50°	826.7	15.2
50°-60°	1197.7	22.0
60°-70°	1363.0	25.0
70°-80°	970.0	17.8
80°-90°	138.8	2.5
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°	5456.0	100.0
0°-180°	5456.0	100.0



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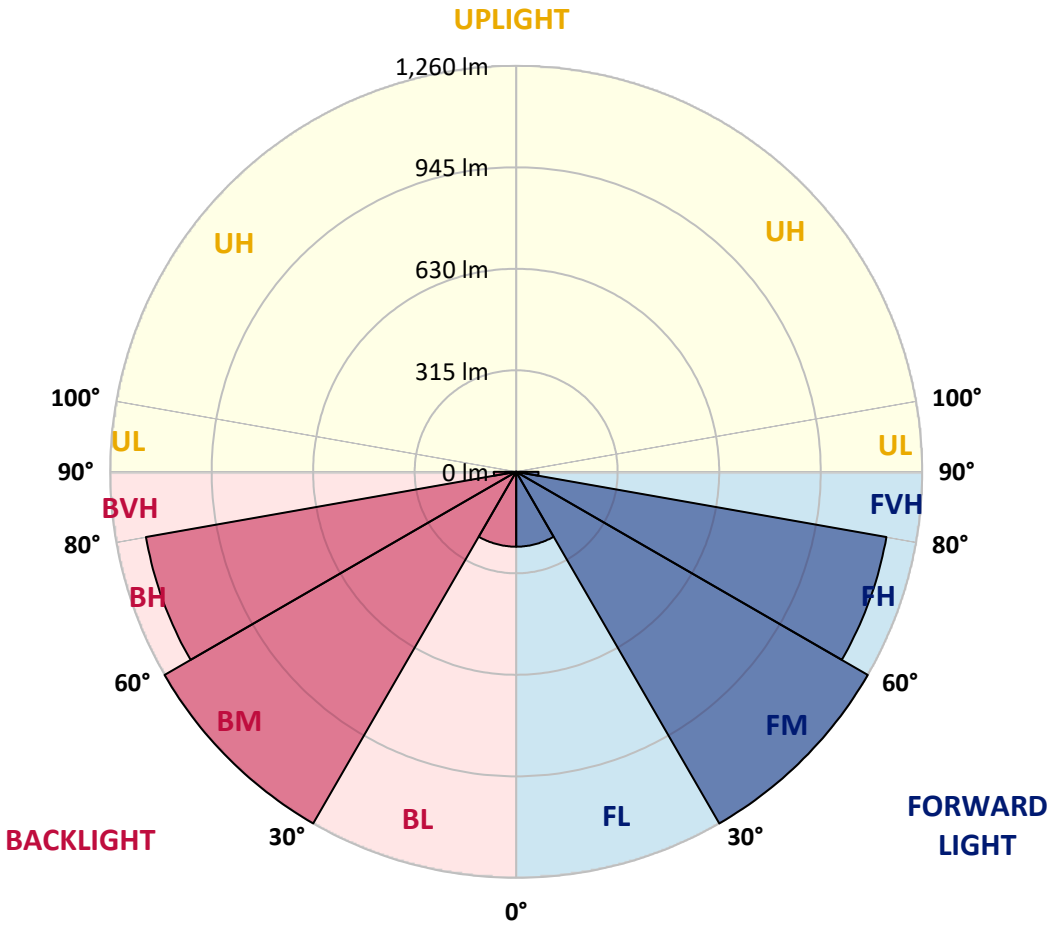
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	232.3	4.3			
FM	(30°-60°)	1259.8	23.1			
FH	(60°-80°)	1166.5	21.4			G1/1800
FVH	(80°-90°)	69.4	1.3			G1/100
BL	(0°-30°)	232.3	4.3	B1/500		
BM	(30°-60°)	1259.8	23.1	B2/2500		
BH	(60°-80°)	1166.5	21.4	B3/2500		G1/1800
BVH	(80°-90°)	69.4	1.3			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°	413.0	413.0	413.0	413.0	413.0	*413.0*	413.0	413.0	413.0	413.0	413.0
2.5°	418.0	418.0	418.0	418.0	418.0	*417.0*	417.0	418.0	418.0	418.0	419.0
5°	423.0	424.0	423.0	424.0	423.0	*423.0*	423.0	424.0	424.0	424.0	424.0
7.5°	431.0	431.0	430.0	431.0	430.0	*431.0*	431.0	432.0	432.0	432.0	432.0
10°	444.0	444.0	444.0	444.0	443.0	*443.0*	444.0	445.0	446.0	446.0	446.0
12.5°	461.0	461.0	461.0	463.0	461.0	*460.0*	460.0	462.0	463.0	462.0	461.0
15°	481.0	481.0	482.0	484.0	484.0	*484.0*	483.0	483.0	484.0	482.0	481.0
17.5°	508.0	508.0	508.0	512.0	515.0	*516.0*	513.0	511.0	511.0	509.0	507.0
20°	543.0	544.0	544.0	548.0	553.0	*555.0*	552.0	548.0	547.0	544.0	543.0
22.5°	572.0	574.0	575.0	578.0	582.0	*583.0*	583.0	579.0	578.0	576.0	572.0
25°	600.0	602.0	603.0	609.0	613.0	*613.0*	614.0	609.0	607.0	604.0	600.0
27.5°	631.0	631.0	632.0	640.0	647.0	*646.0*	646.0	642.0	638.0	633.0	632.0
30°	664.0	666.0	666.0	676.0	684.0	*687.0*	683.0	679.0	673.0	668.0	665.0
32.5°	702.0	703.0	707.0	721.0	729.0	*732.0*	730.0	723.0	713.0	708.0	705.0
35°	745.0	746.0	756.0	775.0	787.0	*790.0*	790.0	776.0	763.0	752.0	747.0
37.5°	805.0	808.0	824.0	848.0	871.0	*866.0*	874.0	849.0	829.0	814.0	807.0
40°	880.0	883.0	907.0	934.0	965.0	*966.0*	969.0	935.0	909.0	890.0	882.0
42.5°	936.0	945.0	975.0	1010.0	1036.9	*1047.9*	1041.9	1011.0	976.0	952.0	943.0
45°	995.0	1004.0	1039.9	1078.9	1107.9	*1119.9*	1109.9	1079.9	1042.9	1012.0	1001.0
47.5°	1053.9	1062.9	1099.9	1142.9	1178.9	*1186.9*	1180.9	1144.9	1101.9	1067.9	1056.9
50°	1111.9	1122.9	1158.9	1212.9	1252.9	*1258.9*	1254.9	1213.9	1159.9	1124.9	1117.9
52.5°	1162.9	1179.9	1232.9	1287.9	1341.9	*1347.9*	1344.9	1286.9	1225.9	1180.9	1160.9
55°	1224.9	1235.9	1290.9	1380.9	1425.9	*1447.9*	1432.9	1374.9	1292.9	1241.9	1226.9
57.5°	1279.9	1289.9	1341.9	1428.9	1496.9	*1527.9*	1502.9	1429.9	1343.9	1286.9	1282.9
60°	*1283.9*	*1294.9*	*1367.9*	*1443.9*	*1530.9*	*1555.9*	*1527.9*	*1448.9*	*1366.9*	*1297.9*	*1279.9*
62.5°	1260.9	1274.9	1344.9	1458.9	1538.9	*1553.9*	1530.9	1449.9	1349.9	1281.9	1261.9
65°	1257.9	1263.9	1324.9	1443.9	1504.9	*1534.9*	1505.9	1438.9	1330.9	1265.9	1248.9
67.5°	1182.9	1180.9	1262.9	1368.9	1465.9	*1498.9*	1462.9	1370.9	1269.9	1190.9	1170.9
70°	1083.9	1078.9	1159.9	1276.9	1373.9	*1416.9*	1371.9	1280.9	1169.9	1086.9	1071.9
72.5°	952.0	943.0	1026.0	1150.9	1243.9	*1277.9*	1241.9	1154.9	1036.9	958.0	935.0
75°	781.0	769.0	861.0	981.0	1065.9	*1101.9*	1060.9	993.0	876.0	795.0	764.0
77.5°	585.0	569.0	656.0	781.0	856.0	*899.0*	855.0	791.0	676.0	596.0	571.0
80°	376.0	355.0	425.0	550.0	615.0	*657.0*	607.0	555.0	444.0	378.0	360.0
82.5°	153.0	135.0	181.0	272.0	323.0	*372.0*	320.0	275.0	194.0	151.0	139.0
85°	11.0	6.0	9.0	11.0	9.0	*17.0*	7.0	9.0	8.0	8.0	8.0
87.5°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)