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: P887706

Luminaire Tested: **TT-D3-735-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:	P887706
	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-D3-735-U-WQ-TC
Description:	WQ
	3500K, 70 CRI LEDS, WIDE DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:	
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5173 lumens
Efficiency:	N/A
Efficacy:	109.6 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

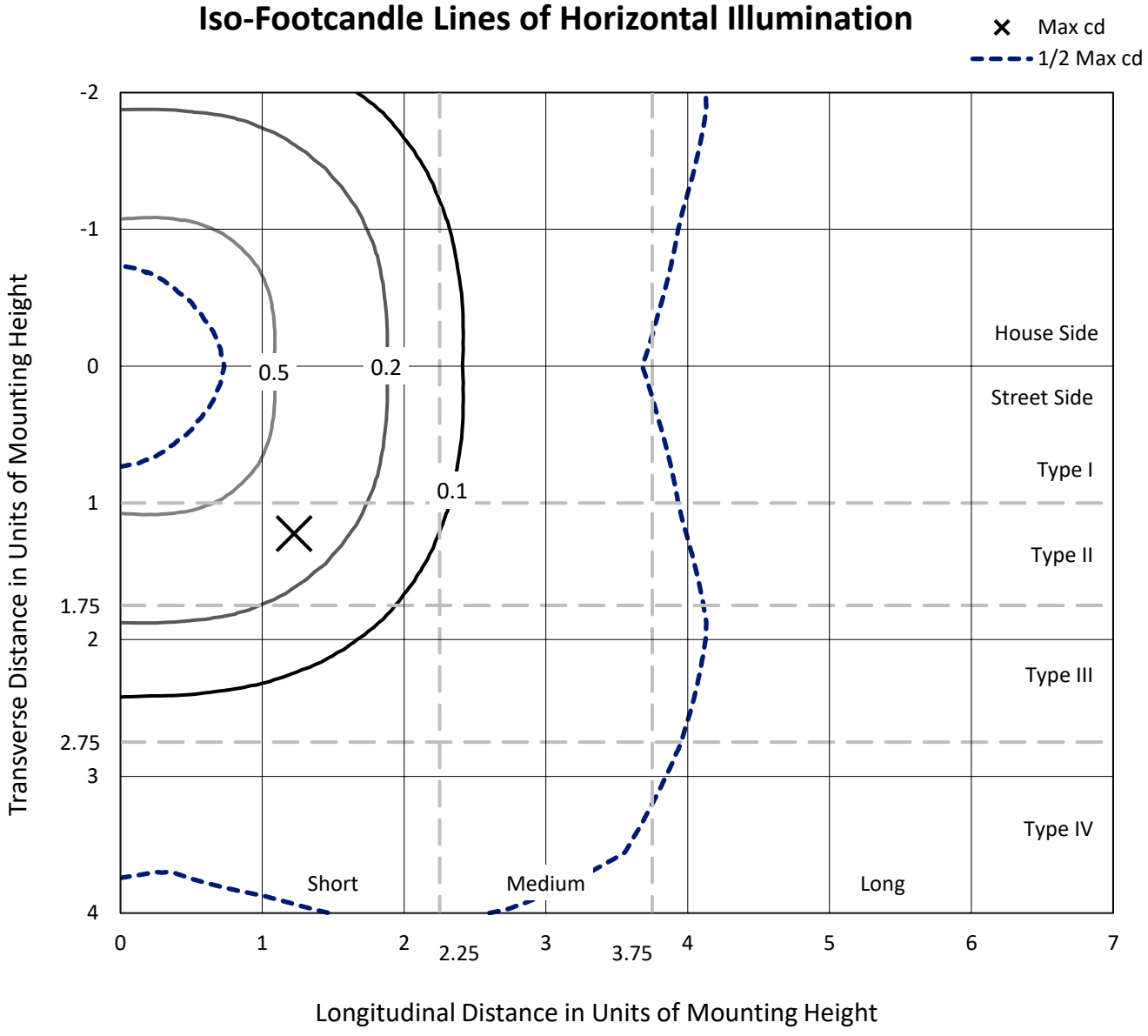


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Iso-Footcandle Lines of Horizontal Illumination



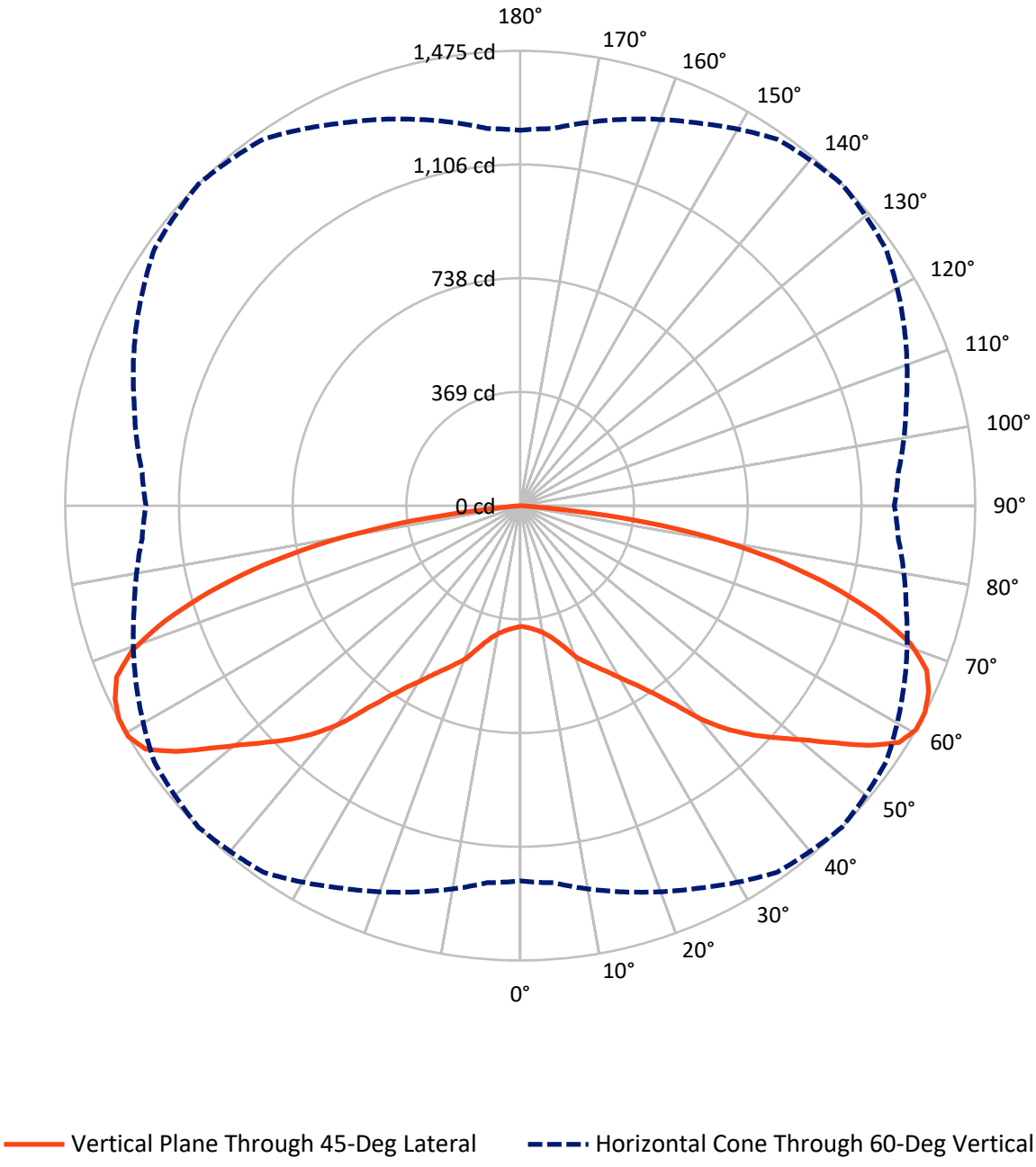
Based on 25 foot mounting height. Maximum calculated value = 0.7 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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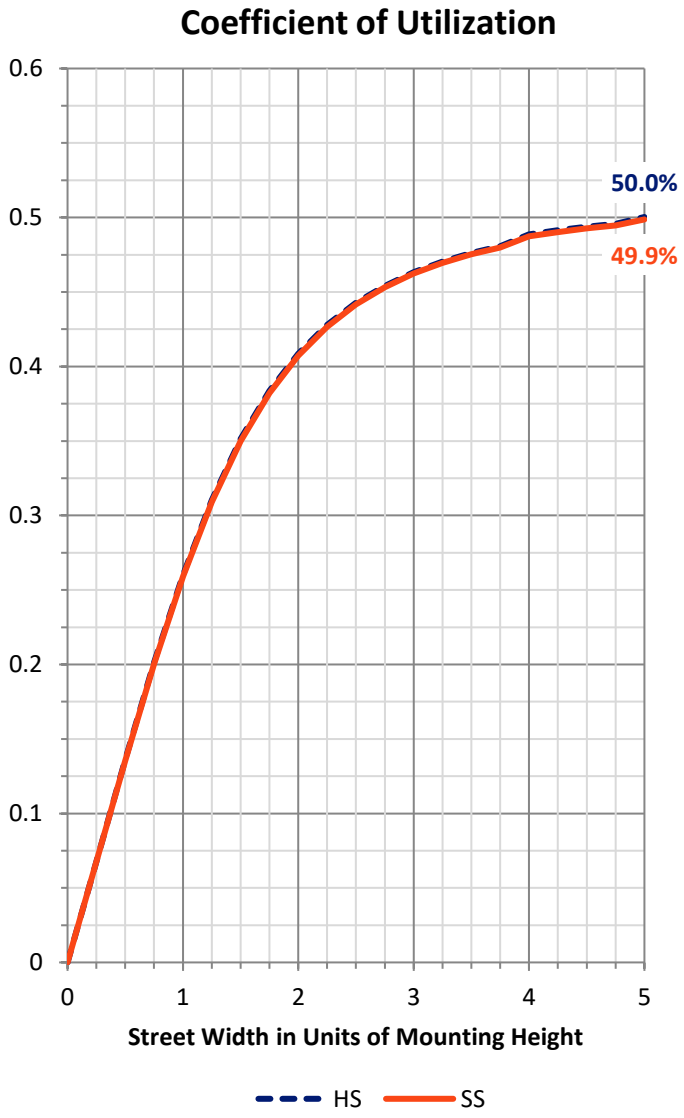
REPORT NUMBER: P887706
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2586.5	0.0	2586.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2586.5	0.0	2586.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	5173.0	0.0	5173.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.9	0.8
10°-20°	132.6	2.6
20°-30°	269.1	5.2
30°-40°	469.4	9.1
40°-50°	783.8	15.2
50°-60°	1135.6	22.0
60°-70°	1292.4	25.0
70°-80°	919.7	17.8
80°-90°	131.6	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°	5173.0	100.0
0°-180°	5173.0	100.0



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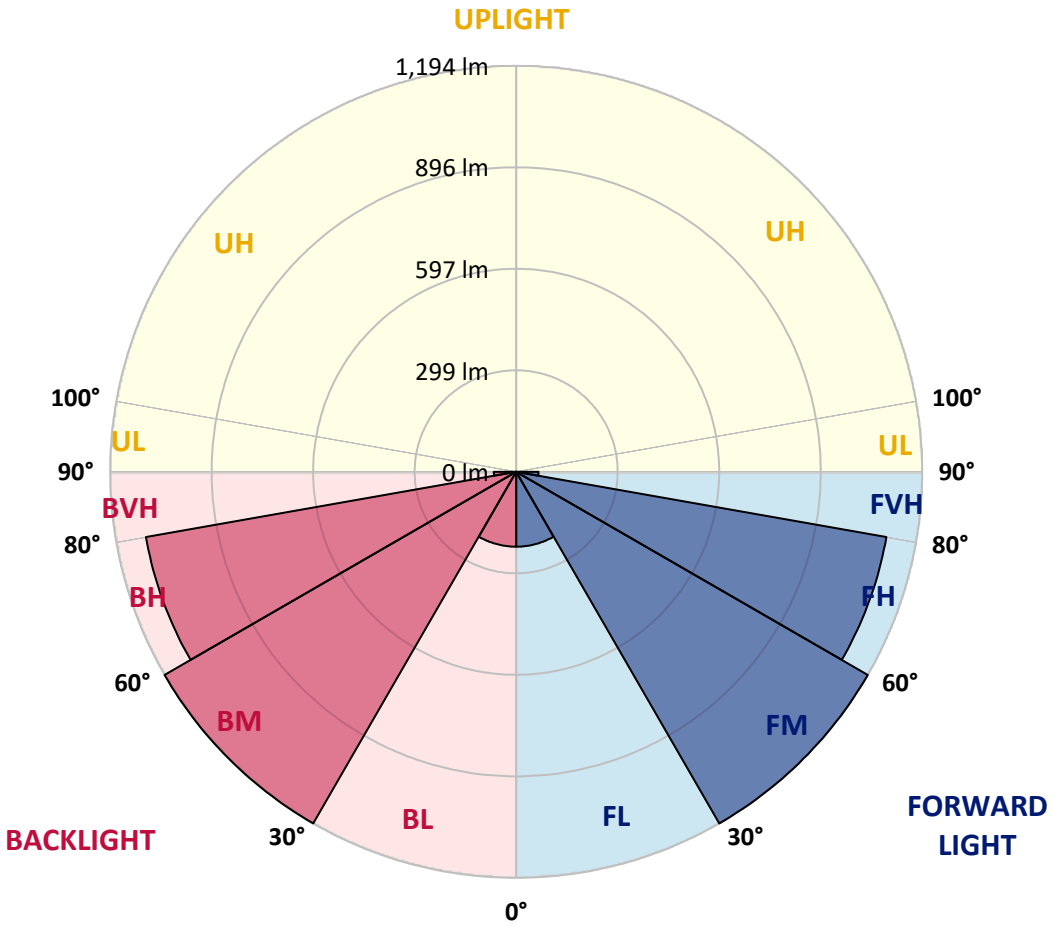
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	220.3	4.3			
FM	(30°-60°)	1194.4	23.1			
FH	(60°-80°)	1106.0	21.4			G1/1800
FVH	(80°-90°)	65.8	1.3			G1/100
BL	(0°-30°)	220.3	4.3	B1/500		
BM	(30°-60°)	1194.4	23.1	B2/2500		
BH	(60°-80°)	1106.0	21.4	B3/2500		G1/1800
BVH	(80°-90°)	65.8	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°	391.6	391.6	391.6	391.6	391.6	*391.6*	391.6	391.6	391.6	391.6	391.6
2.5°	396.3	396.3	396.3	396.3	396.3	*395.4*	395.4	396.3	396.3	396.3	397.2
5°	401.0	402.0	401.0	402.0	401.0	*401.0*	401.0	402.0	402.0	402.0	402.0
7.5°	408.6	408.6	407.7	408.6	407.7	*408.6*	408.6	409.6	409.6	409.6	409.6
10°	420.9	420.9	420.9	420.9	420.0	*420.0*	420.9	421.9	422.8	422.8	422.8
12.5°	437.1	437.1	437.1	439.0	437.1	*436.1*	436.1	438.0	439.0	438.0	437.1
15°	456.0	456.0	457.0	458.9	458.9	*458.9*	457.9	457.9	458.9	457.0	456.0
17.5°	481.6	481.6	481.6	485.4	488.3	*489.2*	486.4	484.5	484.5	482.6	480.7
20°	514.8	515.8	515.8	519.6	524.3	*526.2*	523.3	519.6	518.6	515.8	514.8
22.5°	542.3	544.2	545.1	548.0	551.8	*552.7*	552.7	548.9	548.0	546.1	542.3
25°	568.9	570.7	571.7	577.4	581.2	*581.2*	582.1	577.4	575.5	572.6	568.9
27.5°	598.2	598.2	599.2	606.8	613.4	*612.5*	612.5	608.7	604.9	600.1	599.2
30°	629.5	631.4	631.4	640.9	648.5	*651.3*	647.5	643.7	638.1	633.3	630.5
32.5°	665.6	666.5	670.3	683.6	691.2	*694.0*	692.1	685.5	676.0	671.2	668.4
35°	706.3	707.3	716.8	734.8	746.1	*749.0*	749.0	735.7	723.4	713.0	708.2
37.5°	763.2	766.1	781.2	804.0	825.8	*821.0*	828.6	804.9	786.0	771.7	765.1
40°	834.3	837.2	859.9	885.5	914.9	*915.8*	918.7	886.5	861.8	843.8	836.2
42.5°	887.4	895.9	924.4	957.6	983.2	*993.6*	987.9	958.5	925.3	902.6	894.0
45°	943.3	951.9	986.0	1023.0	1050.5	*1061.9*	1052.4	1023.9	988.9	959.5	949.0
47.5°	999.3	1007.8	1042.9	1083.7	1117.8	*1125.4*	1119.7	1085.6	1044.8	1012.6	1002.1
50°	1054.3	1064.7	1098.8	1150.0	1187.9	*1193.6*	1189.8	1151.0	1099.8	1066.6	1060.0
52.5°	1102.6	1118.7	1169.0	1221.1	1272.3	*1278.0*	1275.2	1220.2	1162.4	1119.7	1100.7
55°	1161.4	1171.8	1224.0	1309.3	1352.0	*1372.8*	1358.6	1303.6	1225.9	1177.5	1163.3
57.5°	1213.5	1223.0	1272.3	1354.8	1419.3	*1448.7*	1425.0	1355.8	1274.2	1220.2	1216.4
60°	*1217.3*	*1227.8*	*1297.0*	*1369.0*	*1451.5*	*1475.2*	*1448.7*	*1373.8*	*1296.0*	*1230.6*	*1213.5*
62.5°	1195.5	1208.8	1275.2	1383.3	1459.1	*1473.3*	1451.5	1374.7	1279.9	1215.4	1196.5
65°	1192.7	1198.4	1256.2	1369.0	1426.9	*1455.3*	1427.8	1364.3	1261.9	1200.3	1184.2
67.5°	1121.6	1119.7	1197.4	1297.9	1389.9	*1421.2*	1387.0	1299.8	1204.1	1129.2	1110.2
70°	1027.7	1023.0	1099.8	1210.7	1302.7	*1343.4*	1300.8	1214.5	1109.3	1030.6	1016.3
72.5°	902.6	894.0	972.7	1091.2	1179.4	*1211.7*	1177.5	1095.0	983.2	908.3	886.5
75°	740.5	729.1	816.3	930.1	1010.7	*1044.8*	1005.9	941.4	830.5	753.7	724.3
77.5°	554.6	539.5	621.9	740.5	811.6	*852.3*	810.6	749.9	640.9	565.1	541.4
80°	356.5	336.6	402.9	521.4	583.1	*622.9*	575.5	526.2	420.9	358.4	341.3
82.5°	145.1	128.0	171.6	257.9	306.2	*352.7*	303.4	260.7	183.9	143.2	131.8
85°	10.4	5.7	8.5	10.4	8.5	*16.1*	6.6	8.5	7.6	7.6	7.6
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)