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: P887612

Luminaire Tested: **TT-D2-735-U-CQ-TC**

Issue Date: 10/9/2024

Report Generated By 670246001

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P887612
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-238-3)
Test Lab:	INNOVATION CENTER
Issue Date:	10/9/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	TT-D2-735-U-CQ-TC
Description:	CQ
	3500K, 70 CRI LEDS, CONCENTRATED DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:	
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4494 lumens
Efficiency:	N/A
Efficacy:	114.6 lumens/watt
Luminous Opening:	Circular (Dia: 1.12' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B2 - U0 - G1

Input Watts (W):	39.2
Input Voltage (V):	120.0
Input Current (Ain):	0.33
Voltage Rise (V):	NR
Power Factor:	0.972
Total Harmonic Distortion (THDi):	15.9%
Frequency (hertz):	60
Stabilization Time:	HR
Operation Time:	HR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

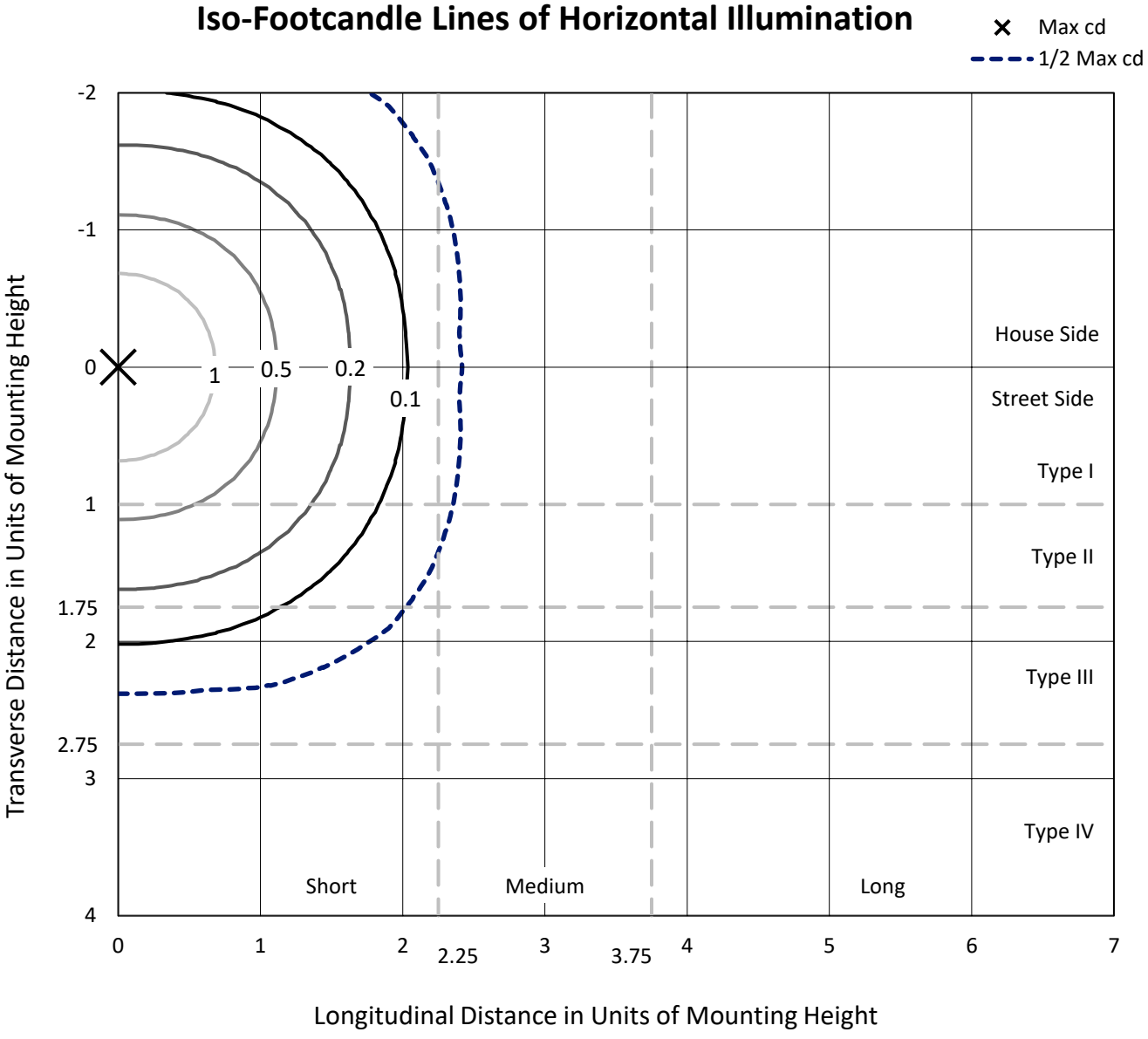


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Iso-Footcandle Lines of Horizontal Illumination



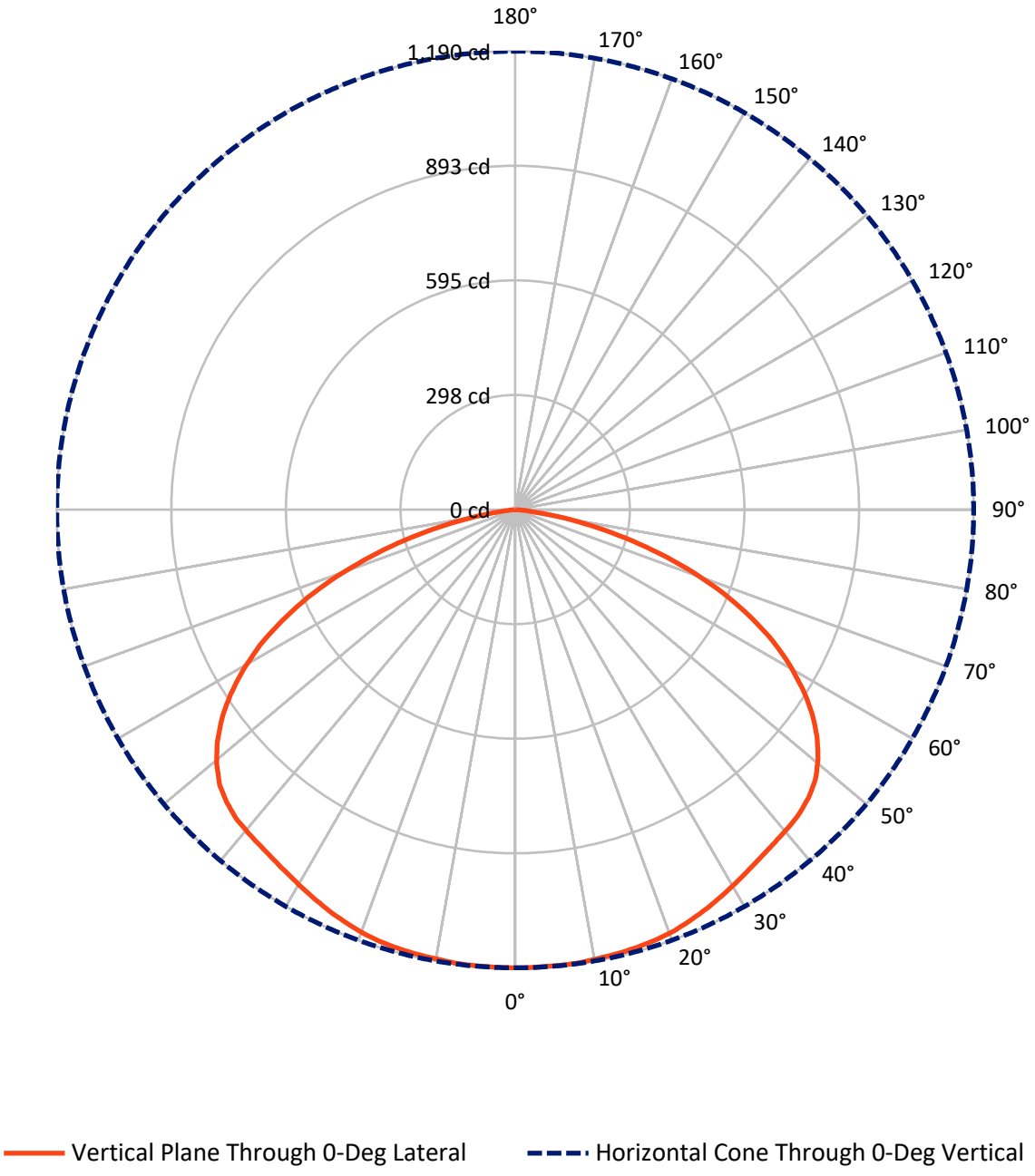
Based on 25 foot mounting height. Maximum calculated value = 1.9 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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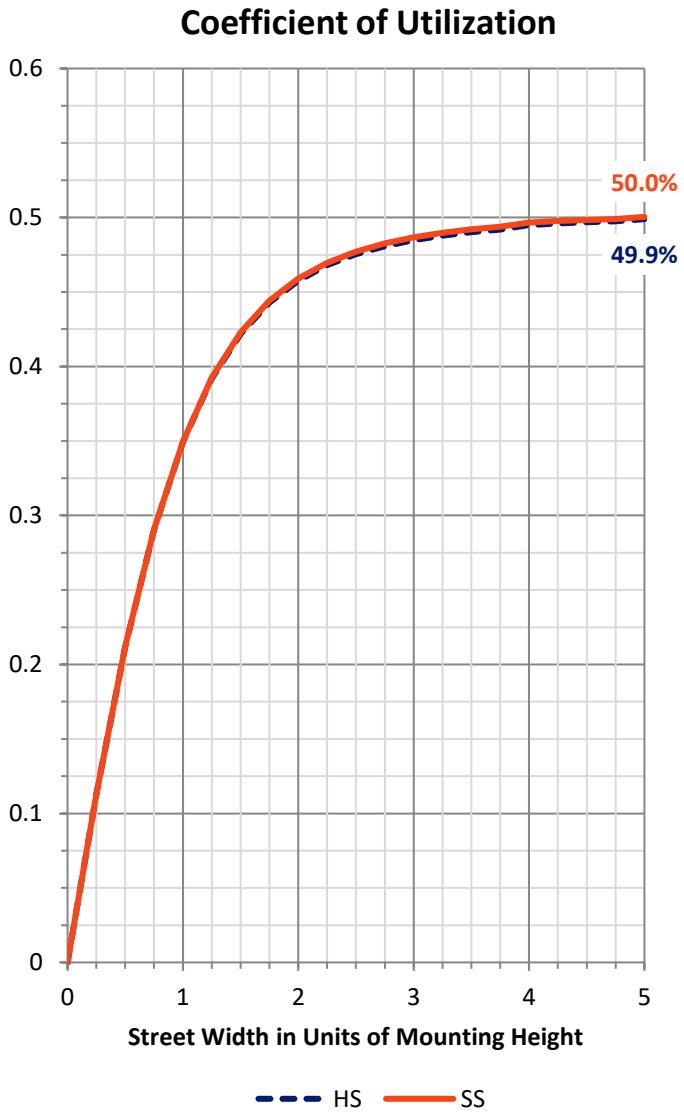
REPORT NUMBER: P887612
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2247.0	0.0	2247.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2247.0	0.0	2247.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	4494.0	0.0	4494.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.4	2.5
10°-20°	334.2	7.4
20°-30°	532.6	11.9
30°-40°	699.8	15.6
40°-50°	843.2	18.8
50°-60°	879.5	19.6
60°-70°	711.6	15.8
70°-80°	344.9	7.7
80°-90°	34.7	0.8
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°	4494.0	100.0
0°-180°	4494.0	100.0



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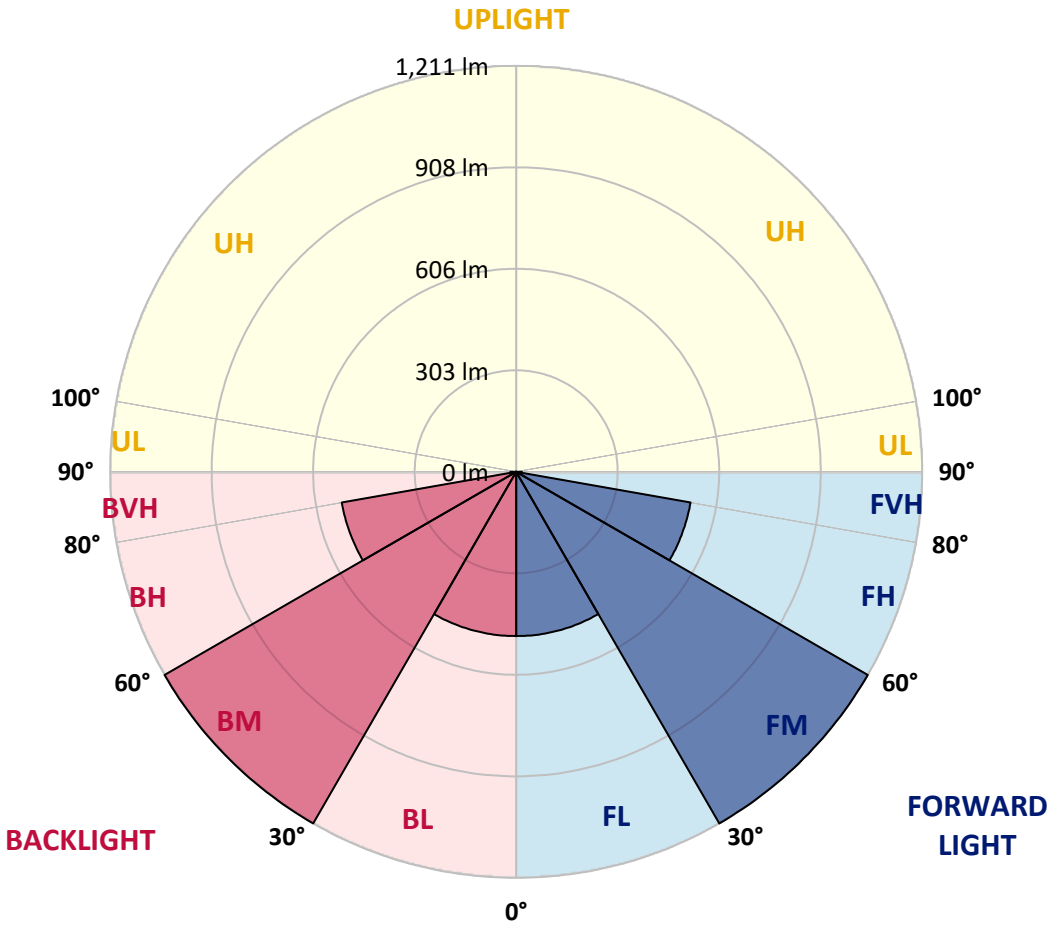
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	490.1	10.9			
FM	(30°-60°)	1211.3	27.0			
FH	(60°-80°)	528.3	11.8			G0/660
FVH	(80°-90°)	17.3	0.4			G1/100
BL	(0°-30°)	490.1	10.9	B1/500		
BM	(30°-60°)	1211.3	27.0	B2/2500		
BH	(60°-80°)	528.3	11.8	B2/1000		G0/660
BVH	(80°-90°)	17.3	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1190.4	1190.4	1190.4	1190.4	1190.4	1190.4	1190.4	1190.4	1190.4	1190.4	1190.4
2.5°	1189.6	1189.6	1189.6	1188.8	1188.8	1188.8	1188.8	1189.6	1189.6	1189.6	1189.6
5°	1189.6	1189.6	1189.6	1189.6	1188.8	1188.8	1188.8	1189.6	1189.6	1189.6	1189.6
7.5°	1188.8	1188.8	1188.8	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0	1188.0
10°	1185.6	1185.6	1186.4	1185.6	1185.6	1185.6	1185.6	1186.4	1185.6	1185.6	1185.6
12.5°	1183.3	1183.3	1183.3	1183.3	1182.5	1183.3	1182.5	1182.5	1182.5	1182.5	1182.5
15°	1180.1	1180.9	1180.1	1180.1	1180.9	1180.9	1180.1	1180.1	1179.4	1179.4	1179.4
17.5°	1176.2	1176.2	1177.0	1177.0	1177.8	1177.8	1177.0	1177.0	1176.2	1175.4	1175.4
20°	1169.9	1170.7	1170.7	1171.5	1172.3	1173.1	1172.3	1171.5	1170.7	1169.9	1169.1
22.5°	1160.5	1161.3	1162.1	1163.6	1164.4	1165.2	1163.6	1162.8	1162.1	1161.3	1161.3
25°	1150.3	1151.0	1151.8	1153.4	1154.2	1155.0	1154.2	1152.6	1151.8	1151.0	1151.0
27.5°	1138.5	1139.3	1140.0	1142.4	1143.2	1144.0	1142.4	1140.8	1139.3	1138.5	1138.5
30°	1126.7	1127.5	1129.0	1131.4	1133.7	1134.5	1131.4	1129.8	1127.5	1125.9	1125.9
32.5°	1114.9	1115.7	1117.2	1122.0	1124.3	1125.1	1123.5	1120.4	1116.5	1114.1	1113.3
35°	1104.7	1106.2	1109.4	1114.9	1118.0	1119.6	1118.0	1113.3	1107.8	1103.9	1103.9
37.5°	1096.0	1098.4	1103.1	1110.9	1117.2	1118.8	1116.5	1110.2	1102.3	1096.8	1096.0
40°	1088.9	1091.3	1098.4	1108.6	1117.2	1119.6	1116.5	1107.8	1097.6	1090.5	1088.9
42.5°	1081.1	1083.4	1092.9	1105.4	1115.7	1119.6	1115.7	1104.7	1091.3	1081.9	1081.1
45°	1067.7	1070.9	1081.9	1098.4	1110.9	1115.7	1110.9	1098.4	1081.9	1070.9	1070.1
47.5°	1048.8	1052.0	1064.6	1085.8	1100.7	1107.8	1103.1	1088.1	1070.1	1055.9	1054.3
50°	1019.0	1024.5	1037.8	1063.8	1081.1	1091.3	1087.4	1070.9	1049.6	1034.7	1033.1
52.5°	981.2	986.7	1003.2	1032.3	1052.0	1065.3	1061.4	1043.3	1021.3	1002.4	1001.7
55°	935.6	941.9	959.2	993.0	1015.0	1030.0	1025.2	1004.0	979.6	958.4	957.6
57.5°	880.6	888.4	907.3	942.7	967.9	985.2	978.1	956.1	927.8	903.4	904.2
60°	818.5	827.1	846.8	883.7	910.5	927.0	920.7	896.3	866.4	840.5	841.3
62.5°	750.1	755.6	775.2	813.8	840.5	859.4	849.9	824.8	794.1	767.4	771.3
65°	669.9	675.4	694.2	732.8	757.9	776.8	767.4	741.4	710.0	681.7	688.0
67.5°	585.7	587.3	601.5	641.6	665.2	683.2	673.0	647.9	618.0	592.0	596.8
70°	491.4	489.8	504.8	541.7	562.2	578.7	568.4	544.9	518.1	493.8	498.5
72.5°	393.1	391.5	403.3	437.1	450.5	469.4	459.9	437.9	416.7	392.3	397.0
75°	296.4	293.3	303.5	331.8	342.8	359.3	350.7	331.0	313.7	291.7	297.2
77.5°	202.1	199.7	207.6	231.2	238.2	254.7	242.9	229.6	215.4	193.4	201.3
80°	116.4	114.0	118.7	138.4	143.1	154.1	146.2	136.0	125.0	110.1	114.8
82.5°	43.2	44.8	47.2	59.8	64.5	74.7	66.8	59.0	51.1	41.7	44.8
85°	3.1	3.1	3.1	4.7	6.3	10.2	7.1	5.5	3.9	2.4	3.9
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)