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: P887732

Luminaire Tested: **TT-D3-830-U-CQ-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:	P887732
	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-D3-830-U-CQ-TC
Description:	CQ
	3000K, 80 CRI LEDS, CONCENTRATED DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:	
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5122 lumens
Efficiency:	N/A
Efficacy:	108.5 lumens/watt
Luminous Opening:	Circular (Dia: 1.12' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B2 - 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

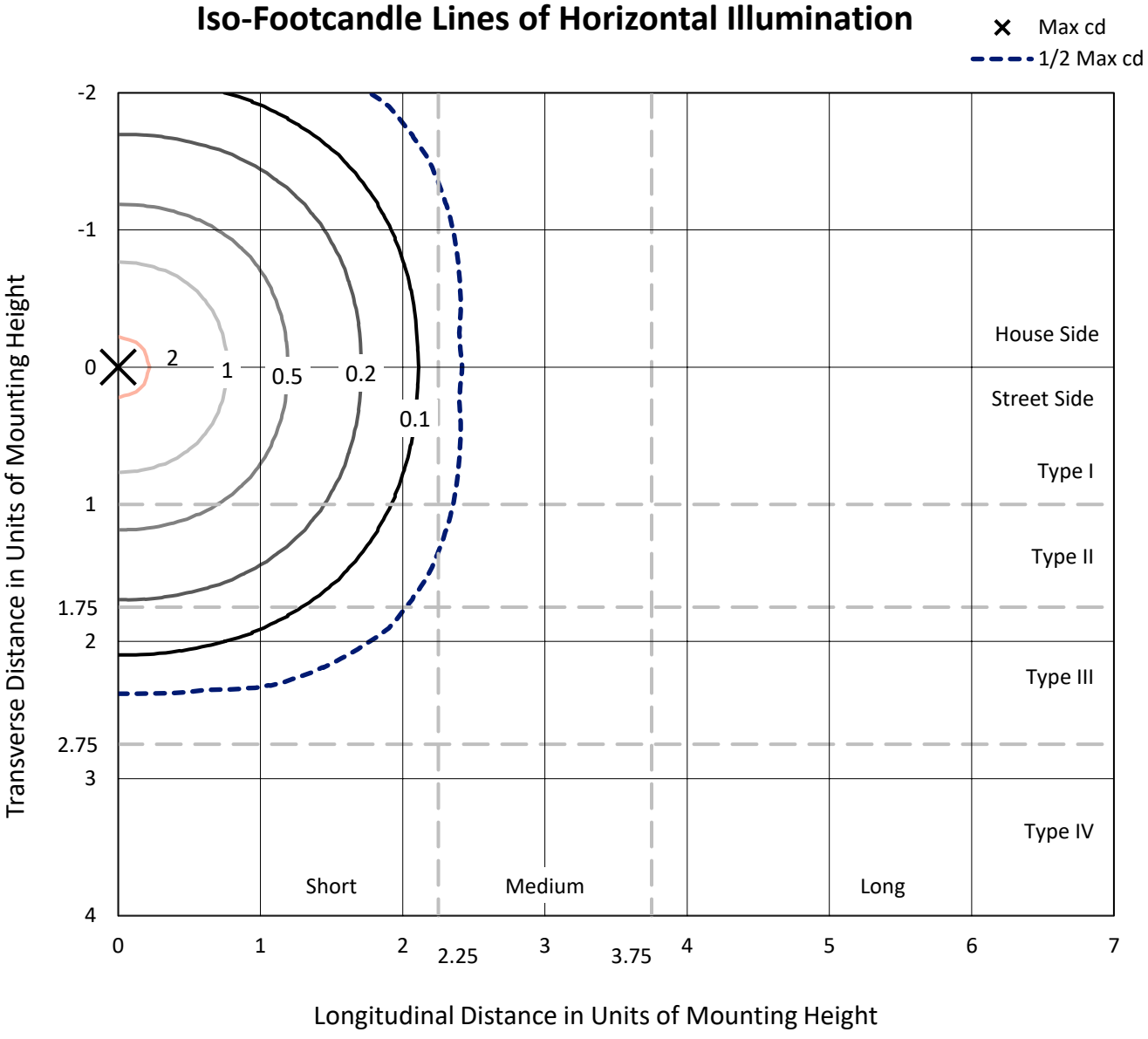


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Iso-Footcandle Lines of Horizontal Illumination



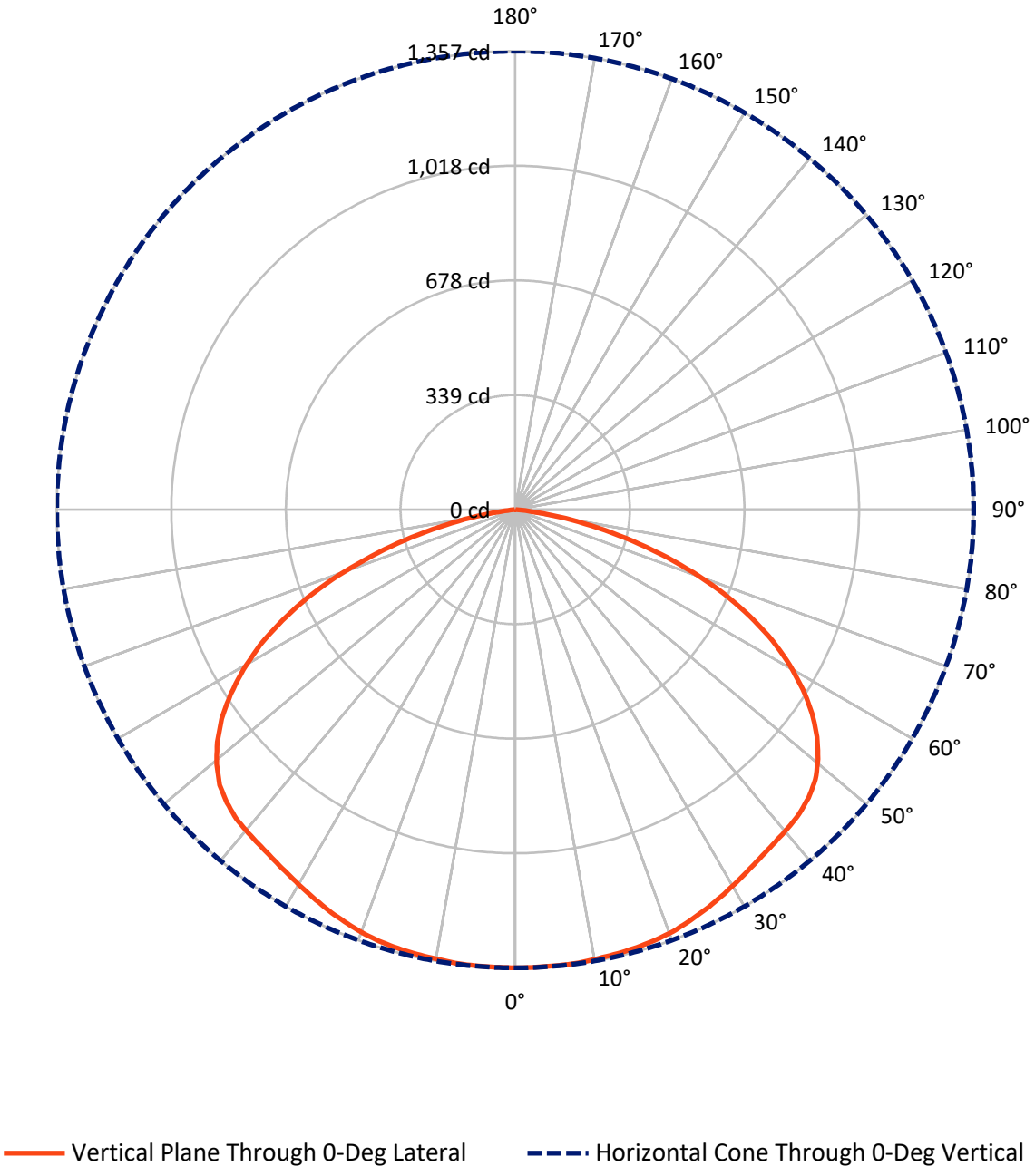
Based on 25 foot mounting height. Maximum calculated value = 2.2 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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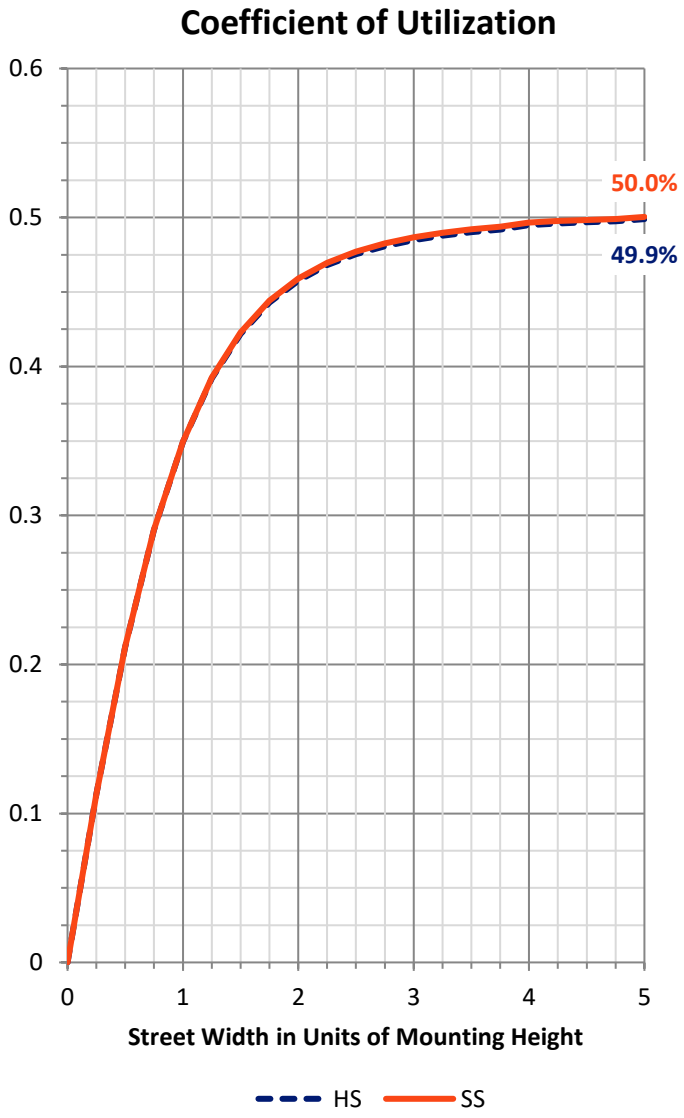
REPORT NUMBER: P887732
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2561.0	0.0	2561.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2561.0	0.0	2561.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	5122.0	0.0	5122.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	129.3	2.5
10°-20°	380.9	7.4
20°-30°	607.0	11.9
30°-40°	797.6	15.6
40°-50°	961.1	18.8
50°-60°	1002.4	19.6
60°-70°	811.1	15.8
70°-80°	393.1	7.7
80°-90°	39.5	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°	5122.0	100.0
0°-180°	5122.0	100.0



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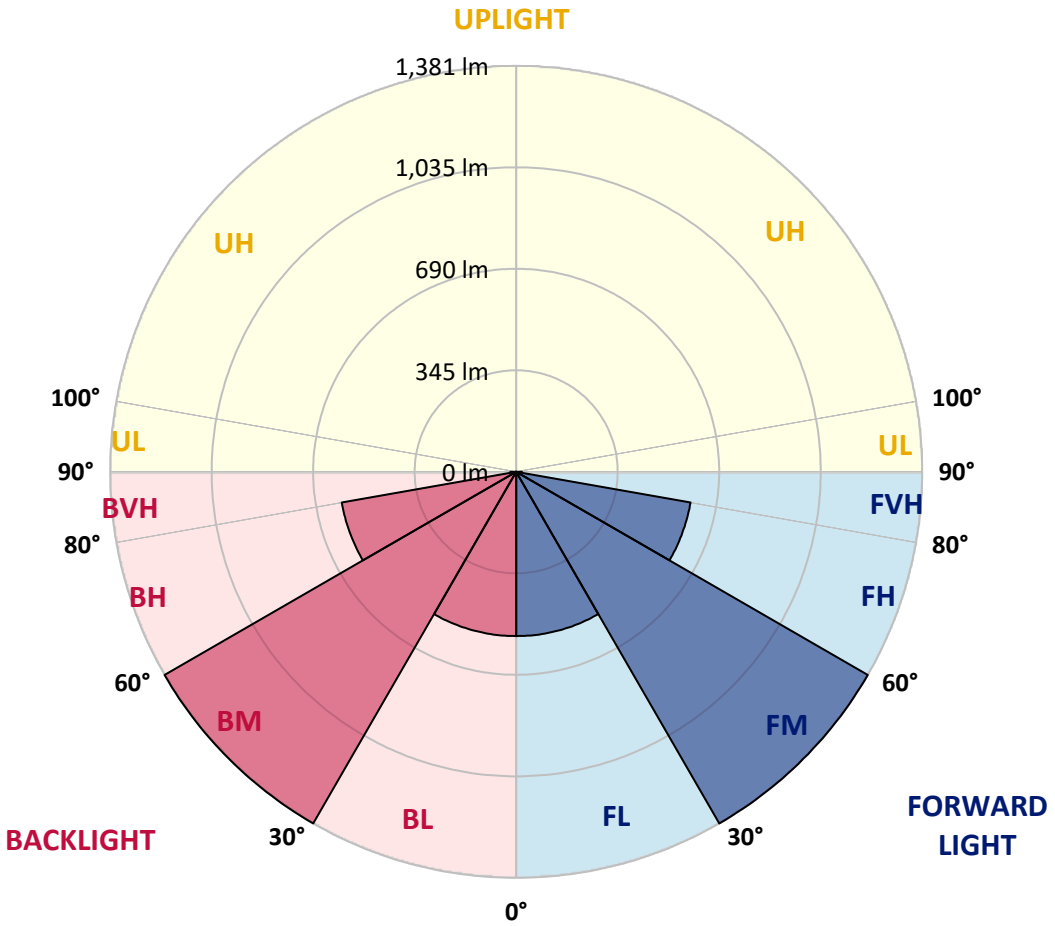
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	558.6	10.9			
FM	(30°-60°)	1380.5	27.0			
FH	(60°-80°)	602.1	11.8			G0/660
FVH	(80°-90°)	19.8	0.4			G1/100
BL	(0°-30°)	558.6	10.9	B2/1000		
BM	(30°-60°)	1380.5	27.0	B2/2500		
BH	(60°-80°)	602.1	11.8	B2/1000		G0/660
BVH	(80°-90°)	19.8	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°	1356.7	1356.7	1356.7	1356.7	1356.7	1356.7	1356.7	1356.7	1356.7	1356.7	1356.7
2.5°	1355.8	1355.8	1355.8	1354.9	1354.9	1354.9	1354.9	1355.8	1355.8	1355.8	1355.8
5°	1355.8	1355.8	1355.8	1355.8	1354.9	1354.9	1354.9	1355.8	1355.8	1355.8	1355.8
7.5°	1354.9	1354.9	1354.9	1354.0	1354.0	1354.0	1354.0	1354.0	1354.0	1354.0	1354.0
10°	1351.3	1351.3	1352.2	1351.3	1351.3	1351.3	1351.3	1352.2	1351.3	1351.3	1351.3
12.5°	1348.6	1348.6	1348.6	1348.6	1347.7	1348.6	1347.7	1347.7	1347.7	1347.7	1347.7
15°	1345.1	1345.9	1345.1	1345.1	1345.9	1345.9	1345.1	1345.1	1344.2	1344.2	1344.2
17.5°	1340.6	1340.6	1341.5	1341.5	1342.4	1342.4	1341.5	1341.5	1340.6	1339.7	1339.7
20°	1333.4	1334.3	1334.3	1335.2	1336.1	1337.0	1336.1	1335.2	1334.3	1333.4	1332.5
22.5°	1322.6	1323.5	1324.4	1326.2	1327.1	1328.0	1326.2	1325.3	1324.4	1323.5	1323.5
25°	1311.0	1311.9	1312.8	1314.6	1315.5	1316.4	1315.5	1313.7	1312.8	1311.9	1311.9
27.5°	1297.6	1298.5	1299.4	1302.0	1302.9	1303.8	1302.0	1300.2	1298.5	1297.6	1297.6
30°	1284.1	1285.0	1286.8	1289.5	1292.2	1293.1	1289.5	1287.7	1285.0	1283.2	1283.2
32.5°	1270.7	1271.6	1273.4	1278.7	1281.4	1282.3	1280.5	1276.9	1272.5	1269.8	1268.9
35°	1259.0	1260.8	1264.4	1270.7	1274.3	1276.1	1274.3	1268.9	1262.6	1258.1	1258.1
37.5°	1249.2	1251.9	1257.2	1266.2	1273.4	1275.2	1272.5	1265.3	1256.3	1250.1	1249.2
40°	1241.1	1243.8	1251.9	1263.5	1273.4	1276.1	1272.5	1262.6	1251.0	1242.9	1241.1
42.5°	1232.1	1234.8	1245.6	1259.9	1271.6	1276.1	1271.6	1259.0	1243.8	1233.0	1232.1
45°	1216.9	1220.5	1233.0	1251.9	1266.2	1271.6	1266.2	1251.9	1233.0	1220.5	1219.6
47.5°	1195.4	1199.0	1213.3	1237.5	1254.5	1262.6	1257.2	1240.2	1219.6	1203.5	1201.7
50°	1161.4	1167.6	1182.9	1212.4	1232.1	1243.8	1239.3	1220.5	1196.3	1179.3	1177.5
52.5°	1118.3	1124.6	1143.4	1176.6	1199.0	1214.2	1209.7	1189.1	1164.0	1142.5	1141.6
55°	1066.4	1073.5	1093.2	1131.8	1156.9	1173.9	1168.5	1144.3	1116.5	1092.4	1091.5
57.5°	1003.6	1012.6	1034.1	1074.4	1103.1	1122.8	1114.8	1089.7	1057.4	1029.6	1030.5
60°	932.8	942.7	965.1	1007.2	1037.7	1056.5	1049.3	1021.6	987.5	957.9	958.8
62.5°	854.9	861.2	883.6	927.5	957.9	979.4	968.7	940.0	905.1	874.6	879.1
65°	763.5	769.8	791.3	835.2	863.8	885.4	874.6	845.0	809.2	776.9	784.1
67.5°	667.6	669.4	685.5	731.2	758.1	778.7	767.1	738.4	704.3	674.8	680.1
70°	560.1	558.3	575.3	617.4	640.7	659.5	647.9	621.0	590.5	562.8	568.1
72.5°	448.1	446.3	459.7	498.2	513.5	535.0	524.2	499.1	474.9	447.2	452.5
75°	337.8	334.2	345.9	378.2	390.7	409.5	399.7	377.3	357.5	332.5	338.7
77.5°	230.3	227.6	236.6	263.5	271.5	290.3	276.9	261.7	245.5	220.4	229.4
80°	132.6	129.9	135.3	157.7	163.1	175.6	166.7	155.0	142.5	125.5	130.8
82.5°	49.3	51.1	53.8	68.1	73.5	85.1	76.2	67.2	58.2	47.5	51.1
85°	3.6	3.6	3.6	5.4	7.2	11.6	8.1	6.3	4.5	2.7	4.5
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)