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: P887796

Luminaire Tested: **TT-D4-735-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:	P887796
	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-D4-735-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:	6157 lumens
Efficiency:	N/A
Efficacy:	106.9 lumens/watt
Luminous Opening:	Circular (Dia: 1.12' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B3 - U0 - G1

Input Watts (W):	57.6
Input Voltage (V):	120.0
Input Current (Ain):	0.48
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	10.3%
Frequency (hertz):	60
Stabilization Time:	HR
Operation Time:	HR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

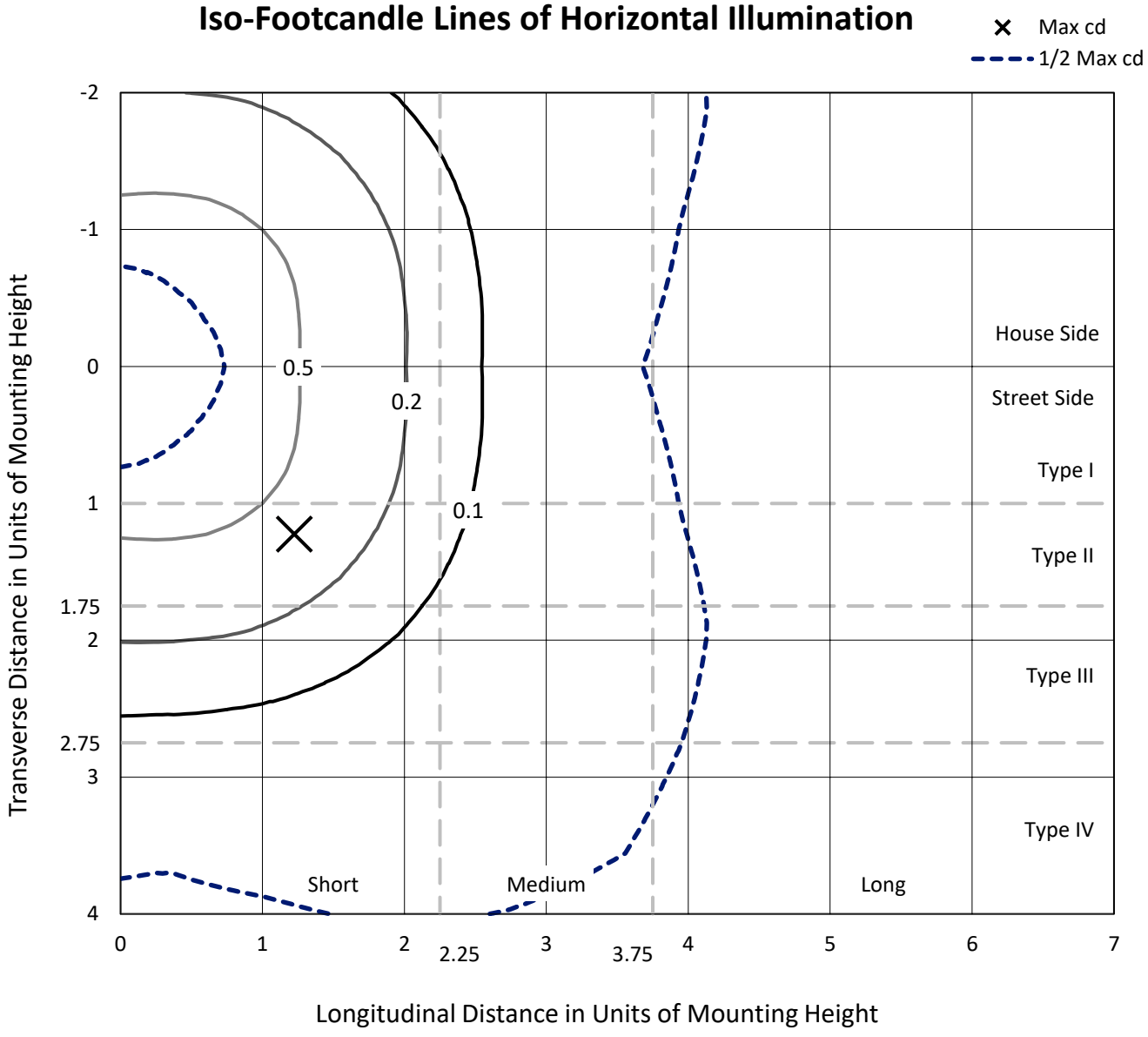


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Iso-Footcandle Lines of Horizontal Illumination



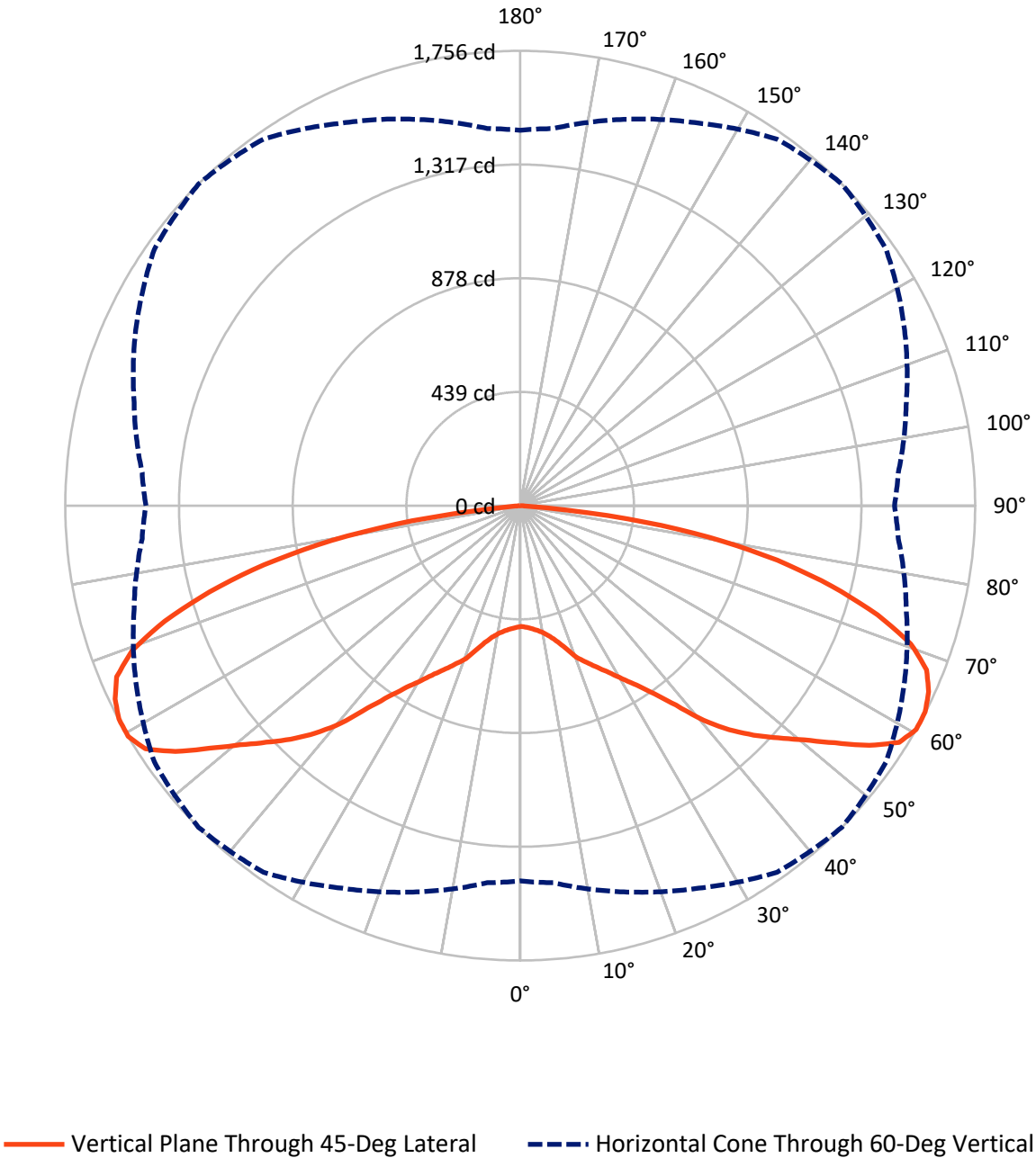
Based on 25 foot mounting height. Maximum calculated value = 0.8 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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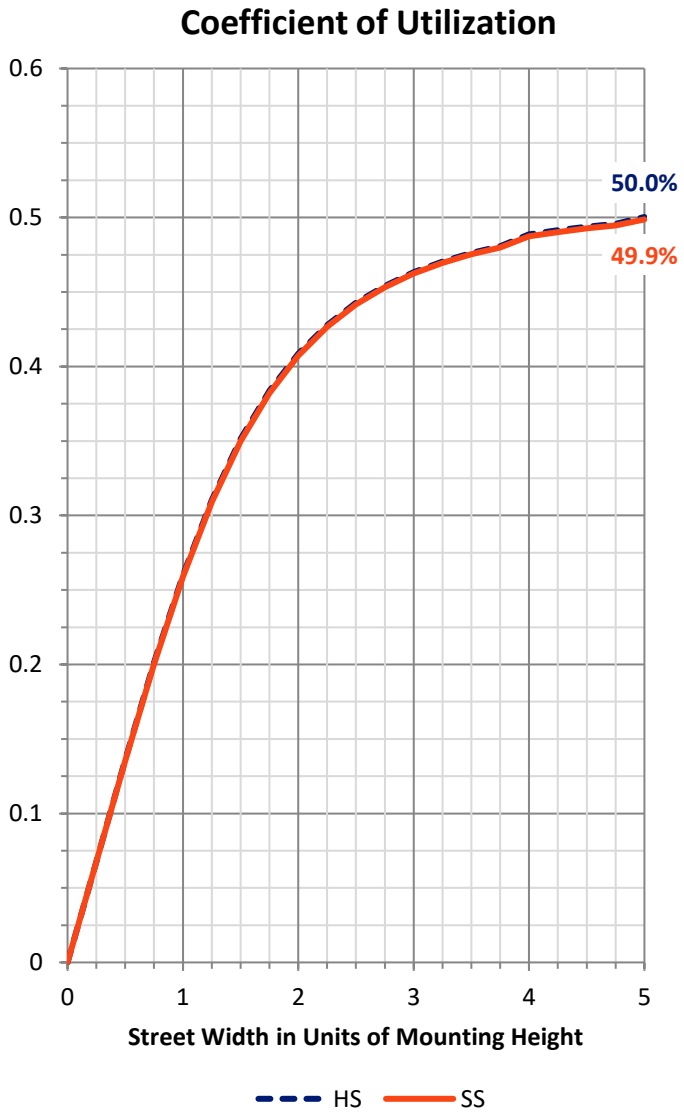
REPORT NUMBER: P887796
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3078.5	0.0	3078.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3078.5	0.0	3078.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	6157.0	0.0	6157.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.3	0.8
10°-20°	157.8	2.6
20°-30°	320.3	5.2
30°-40°	558.7	9.1
40°-50°	932.9	15.2
50°-60°	1351.6	22.0
60°-70°	1538.2	25.0
70°-80°	1094.6	17.8
80°-90°	156.6	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°	6157.0	100.0
0°-180°	6157.0	100.0



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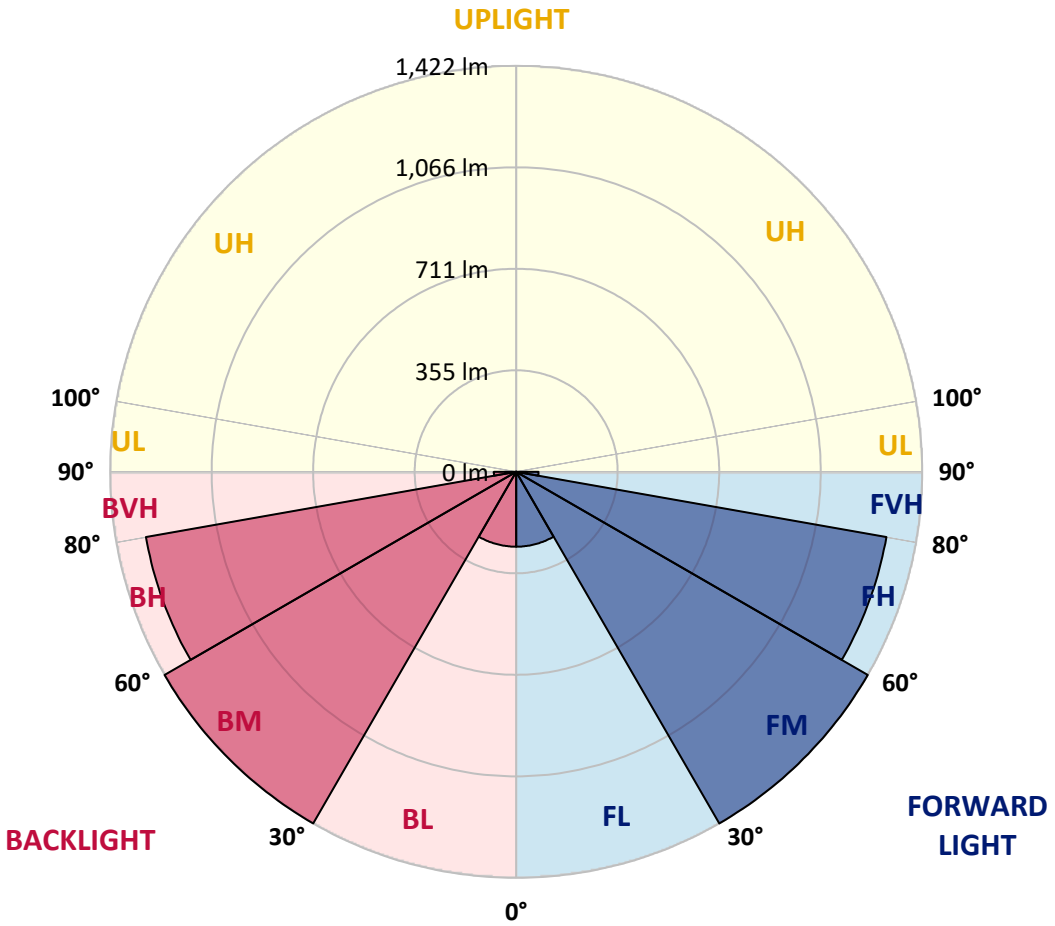
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	262.2	4.3			
FM	(30°-60°)	1421.6	23.1			
FH	(60°-80°)	1316.4	21.4			G1/1800
FVH	(80°-90°)	78.3	1.3			G1/100
BL	(0°-30°)	262.2	4.3	B1/500		
BM	(30°-60°)	1421.6	23.1	B2/2500		
BH	(60°-80°)	1316.4	21.4	B3/2500		G1/1800
BVH	(80°-90°)	78.3	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°	466.0	466.0	466.0	466.0	466.0	*466.0*	466.0	466.0	466.0	466.0	466.0
2.5°	471.7	471.7	471.7	471.7	471.7	*470.6*	470.6	471.7	471.7	471.7	472.8
5°	477.3	478.5	477.3	478.5	477.3	*477.3*	477.3	478.5	478.5	478.5	478.5
7.5°	486.4	486.4	485.2	486.4	485.2	*486.4*	486.4	487.5	487.5	487.5	487.5
10°	501.0	501.0	501.0	501.0	499.9	*499.9*	501.0	502.2	503.3	503.3	503.3
12.5°	520.2	520.2	520.2	522.5	520.2	*519.1*	519.1	521.3	522.5	521.3	520.2
15°	542.8	542.8	543.9	546.2	546.2	*546.2*	545.0	545.0	546.2	543.9	542.8
17.5°	573.2	573.2	573.2	577.8	581.1	*582.3*	578.9	576.6	576.6	574.4	572.1
20°	612.7	613.9	613.9	618.4	624.0	*626.3*	622.9	618.4	617.2	613.9	612.7
22.5°	645.5	647.7	648.8	652.2	656.7	*657.9*	657.9	653.4	652.2	650.0	645.5
25°	677.1	679.3	680.4	687.2	691.7	*691.7*	692.9	687.2	685.0	681.6	677.1
27.5°	712.0	712.0	713.2	722.2	730.1	*729.0*	729.0	724.5	719.9	714.3	713.2
30°	749.3	751.5	751.5	762.8	771.8	*775.2*	770.7	766.2	759.4	753.8	750.4
32.5°	792.2	793.3	797.8	813.6	822.6	*826.0*	823.8	815.9	804.6	798.9	795.5
35°	840.7	841.8	853.1	874.5	888.1	*891.5*	891.5	875.7	861.0	848.6	842.9
37.5°	908.4	911.8	929.8	956.9	982.9	*977.2*	986.2	958.0	935.5	918.5	910.6
40°	993.0	996.4	1023.5	1054.0	1088.9	*1090.1*	1093.4	1055.1	1025.7	1004.3	995.3
42.5°	1056.2	1066.4	1100.2	1139.7	1170.2	*1182.6*	1175.8	1140.8	1101.3	1074.3	1064.1
45°	1122.8	1132.9	1173.6	1217.6	1250.3	*1263.8*	1252.6	1218.7	1177.0	1142.0	1129.6
47.5°	1189.4	1199.5	1241.3	1289.8	1330.4	*1339.4*	1332.7	1292.0	1243.5	1205.2	1192.7
50°	1254.8	1267.2	1307.8	1368.8	1413.9	*1420.7*	1416.2	1369.9	1309.0	1269.5	1261.6
52.5°	1312.4	1331.5	1391.4	1453.4	1514.3	*1521.1*	1517.7	1452.3	1383.5	1332.7	1310.1
55°	1382.3	1394.7	1456.8	1558.4	1609.1	*1634.0*	1617.0	1551.6	1459.1	1401.5	1384.6
57.5°	1444.4	1455.7	1514.3	1612.5	1689.3	*1724.2*	1696.0	1613.7	1516.6	1452.3	1447.8
60°	*1448.9*	*1461.3*	*1543.7*	*1629.4*	*1727.6*	*1755.8*	*1724.2*	*1635.1*	*1542.6*	*1464.7*	*1444.4*
62.5°	1422.9	1438.7	1517.7	1646.4	1736.7	*1753.6*	1727.6	1636.2	1523.4	1446.6	1424.1
65°	1419.6	1426.3	1495.2	1629.4	1698.3	*1732.1*	1699.4	1623.8	1501.9	1428.6	1409.4
67.5°	1334.9	1332.7	1425.2	1544.8	1654.3	*1691.5*	1650.9	1547.1	1433.1	1344.0	1321.4
70°	1223.2	1217.6	1309.0	1441.0	1550.5	*1599.0*	1548.2	1445.5	1320.3	1226.6	1209.7
72.5°	1074.3	1064.1	1157.8	1298.8	1403.8	*1442.1*	1401.5	1303.3	1170.2	1081.0	1055.1
75°	881.3	867.8	971.6	1107.0	1202.9	*1243.5*	1197.3	1120.5	988.5	897.1	862.1
77.5°	660.1	642.1	740.2	881.3	965.9	*1014.5*	964.8	892.6	762.8	672.5	644.3
80°	424.3	400.6	479.6	620.6	694.0	*741.4*	685.0	626.3	501.0	426.5	406.2
82.5°	172.6	152.3	204.2	306.9	364.5	*419.8*	361.1	310.3	218.9	170.4	156.9
85°	12.4	6.8	10.2	12.4	10.2	*19.2*	7.9	10.2	9.0	9.0	9.0
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)