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: P887802

Luminaire Tested: **TT-D4-750-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:	P887802
	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-D4-750-U-CQ-TC
Description:	CQ
	5000K, 70 CRI LEDS, CONCENTRATED DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:	
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6804 lumens
Efficiency:	N/A
Efficacy:	118.1 lumens/watt
Luminous Opening:	Circular (Dia: 1.12' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B2 - 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

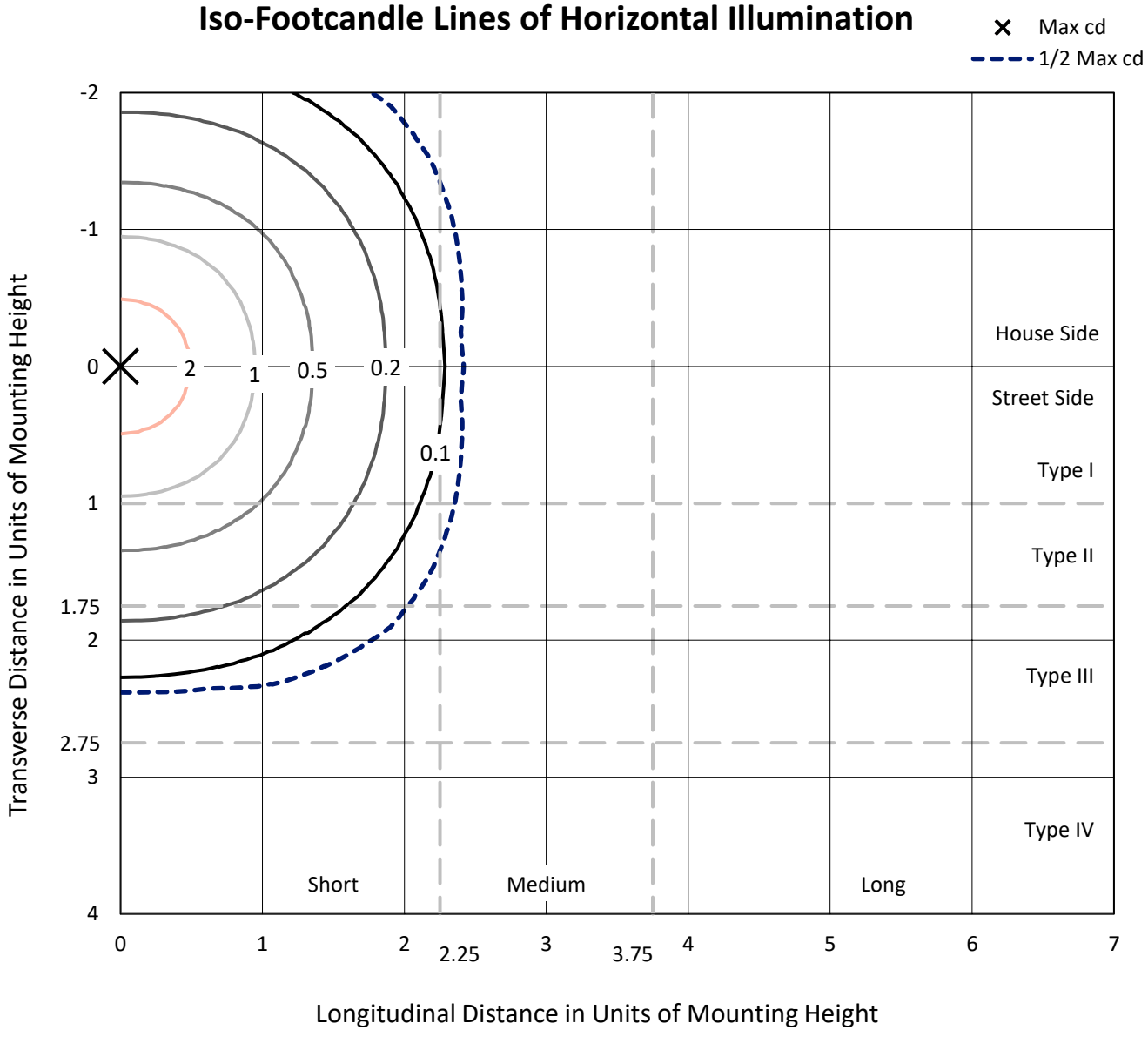


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Iso-Footcandle Lines of Horizontal Illumination



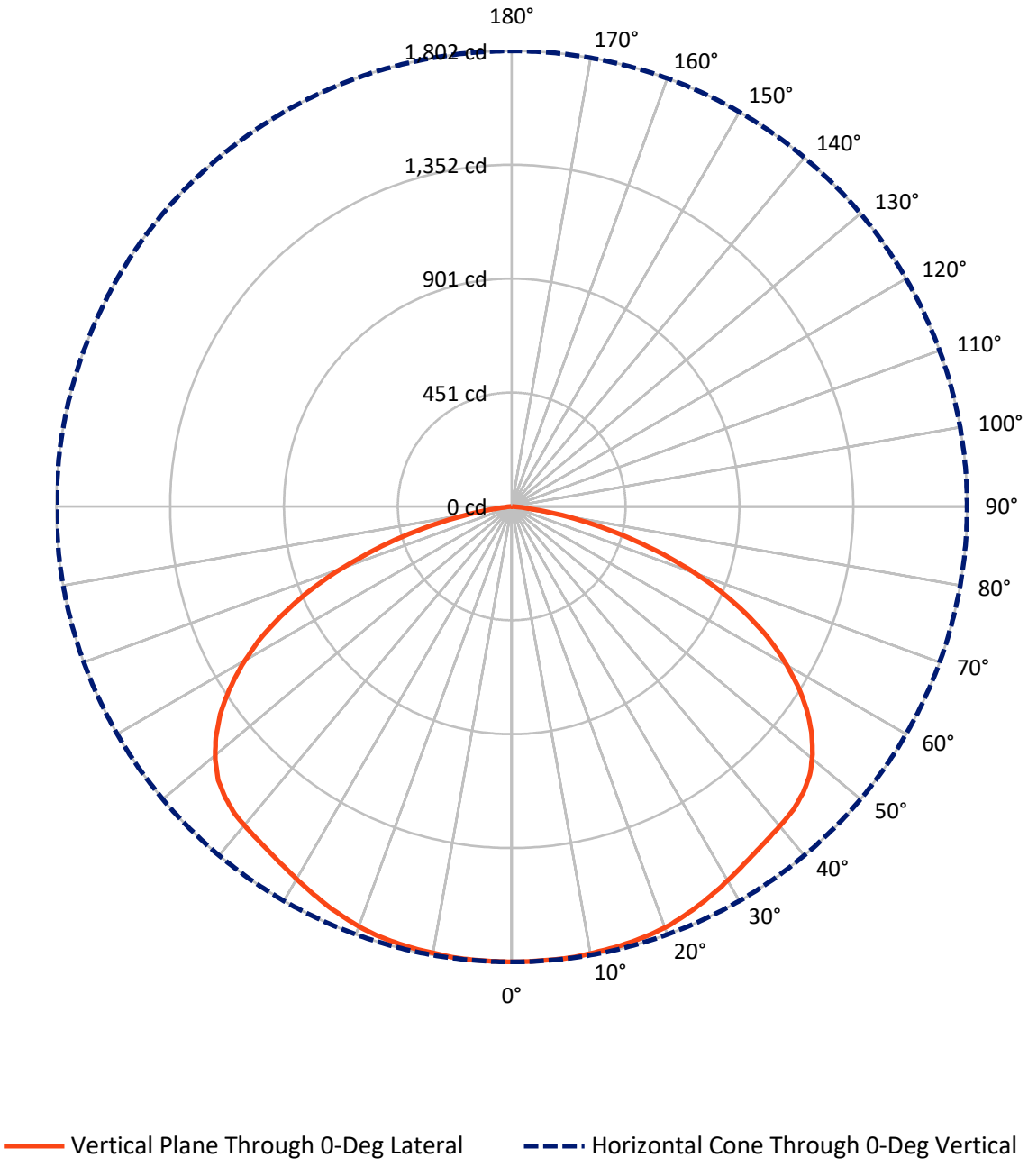
Based on 25 foot mounting height. Maximum calculated value = 2.9 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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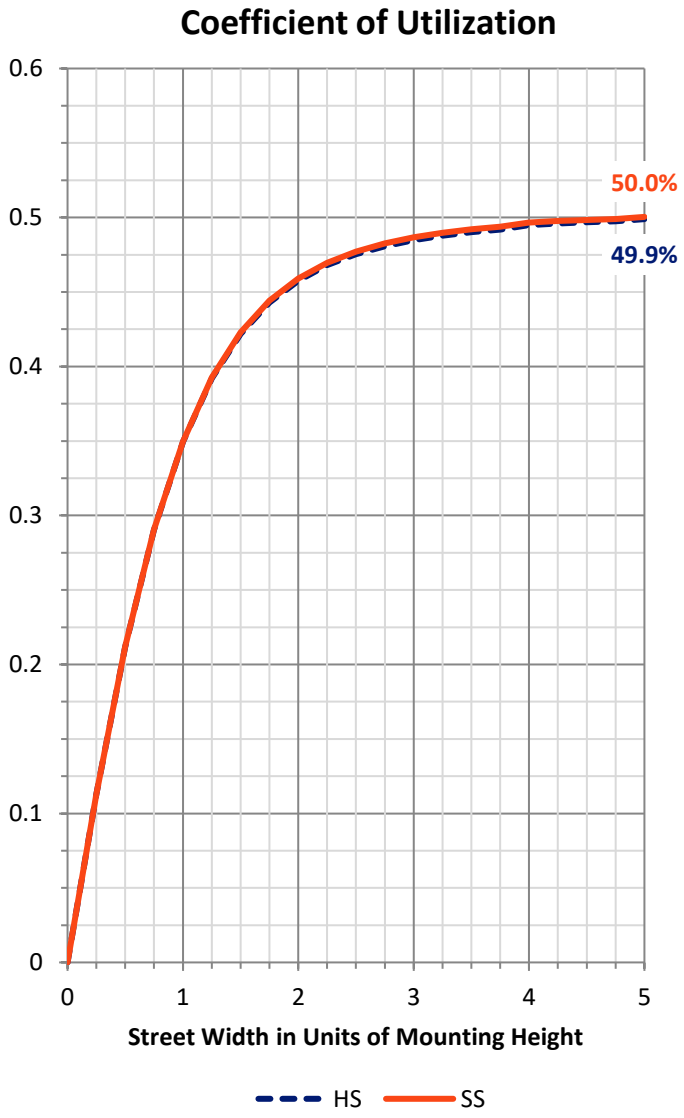
REPORT NUMBER: P887802
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3402.0	0.0	3402.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3402.0	0.0	3402.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	6804.0	0.0	6804.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	171.7	2.5
10°-20°	506.0	7.4
20°-30°	806.3	11.9
30°-40°	1059.5	15.6
40°-50°	1276.7	18.8
50°-60°	1331.6	19.6
60°-70°	1077.4	15.8
70°-80°	522.2	7.7
80°-90°	52.5	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°	6804.0	100.0
0°-180°	6804.0	100.0



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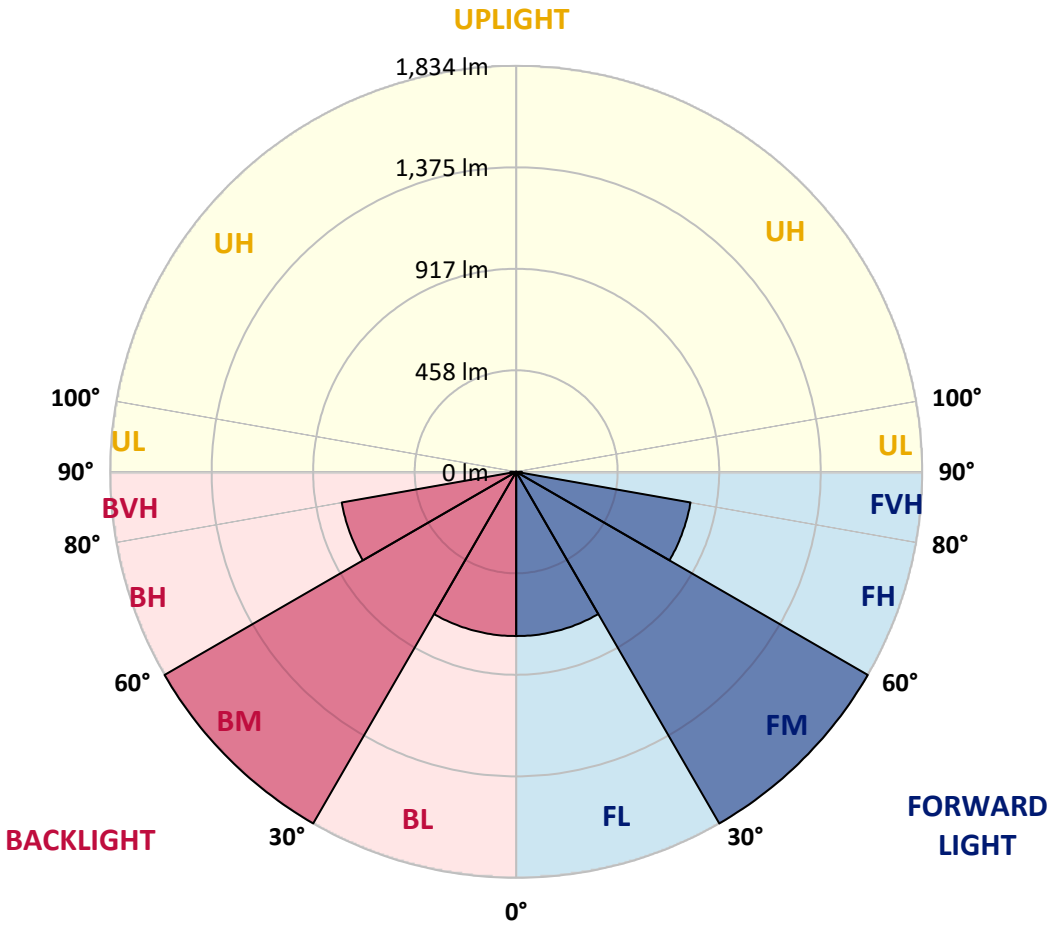
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	742.0	10.9			
FM	(30°-60°)	1833.9	27.0			
FH	(60°-80°)	799.8	11.8			G1/1800
FVH	(80°-90°)	26.3	0.4			G1/100
BL	(0°-30°)	742.0	10.9	B2/1000		
BM	(30°-60°)	1833.9	27.0	B2/2500		
BH	(60°-80°)	799.8	11.8	B2/1000		G1/1800
BVH	(80°-90°)	26.3	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°	1802.2	1802.2	1802.2	1802.2	1802.2	1802.2	1802.2	1802.2	1802.2	1802.2	1802.2
2.5°	1801.0	1801.0	1801.0	1799.8	1799.8	1799.8	1799.8	1801.0	1801.0	1801.0	1801.0
5°	1801.0	1801.0	1801.0	1801.0	1799.8	1799.8	1799.8	1801.0	1801.0	1801.0	1801.0
7.5°	1799.8	1799.8	1799.8	1798.7	1798.7	1798.7	1798.7	1798.7	1798.7	1798.7	1798.7
10°	1795.1	1795.1	1796.3	1795.1	1795.1	1795.1	1795.1	1796.3	1795.1	1795.1	1795.1
12.5°	1791.5	1791.5	1791.5	1791.5	1790.3	1791.5	1790.3	1790.3	1790.3	1790.3	1790.3
15°	1786.8	1787.9	1786.8	1786.8	1787.9	1787.9	1786.8	1786.8	1785.6	1785.6	1785.6
17.5°	1780.8	1780.8	1782.0	1782.0	1783.2	1783.2	1782.0	1782.0	1780.8	1779.6	1779.6
20°	1771.3	1772.5	1772.5	1773.7	1774.8	1776.0	1774.8	1773.7	1772.5	1771.3	1770.1
22.5°	1757.0	1758.2	1759.4	1761.8	1762.9	1764.1	1761.8	1760.6	1759.4	1758.2	1758.2
25°	1741.5	1742.7	1743.9	1746.3	1747.5	1748.7	1747.5	1745.1	1743.9	1742.7	1742.7
27.5°	1723.7	1724.9	1726.0	1729.6	1730.8	1732.0	1729.6	1727.2	1724.9	1723.7	1723.7
30°	1705.8	1707.0	1709.4	1712.9	1716.5	1717.7	1712.9	1710.6	1707.0	1704.6	1704.6
32.5°	1687.9	1689.1	1691.5	1698.7	1702.2	1703.4	1701.0	1696.3	1690.3	1686.8	1685.6
35°	1672.5	1674.9	1679.6	1687.9	1692.7	1695.1	1692.7	1685.6	1677.2	1671.3	1671.3
37.5°	1659.4	1663.0	1670.1	1682.0	1691.5	1693.9	1690.3	1680.8	1668.9	1660.6	1659.4
40°	1648.7	1652.2	1663.0	1678.4	1691.5	1695.1	1690.3	1677.2	1661.8	1651.0	1648.7
42.5°	1636.8	1640.3	1654.6	1673.7	1689.1	1695.1	1689.1	1672.5	1652.2	1638.0	1636.8
45°	1616.5	1621.3	1638.0	1663.0	1682.0	1689.1	1682.0	1663.0	1638.0	1621.3	1620.1
47.5°	1588.0	1592.7	1611.8	1643.9	1666.5	1677.2	1670.1	1647.5	1620.1	1598.7	1596.3
50°	1542.7	1551.1	1571.3	1610.6	1636.8	1652.2	1646.3	1621.3	1589.1	1566.5	1564.2
52.5°	1485.6	1493.9	1518.9	1563.0	1592.7	1613.0	1607.0	1579.6	1546.3	1517.7	1516.5
55°	1416.5	1426.1	1452.3	1503.4	1536.8	1559.4	1552.2	1520.1	1483.2	1451.1	1449.9
57.5°	1333.2	1345.1	1373.7	1427.3	1465.3	1491.5	1480.8	1447.5	1404.6	1367.7	1368.9
60°	1239.2	1252.3	1282.0	1338.0	1378.5	1403.4	1393.9	1357.0	1311.8	1272.5	1273.7
62.5°	1135.6	1143.9	1173.7	1232.0	1272.5	1301.1	1286.8	1248.7	1202.3	1161.8	1167.8
65°	1014.2	1022.5	1051.1	1109.4	1147.5	1176.1	1161.8	1122.5	1074.9	1032.1	1041.6
67.5°	886.8	889.2	910.6	971.3	1007.1	1034.4	1019.0	980.9	935.6	896.4	903.5
70°	744.0	741.6	764.2	820.2	851.1	876.1	860.6	824.9	784.5	747.6	754.7
72.5°	595.2	592.8	610.7	661.8	682.1	710.7	696.4	663.0	630.9	594.0	601.1
75°	448.8	444.0	459.5	502.3	519.0	544.0	530.9	501.1	475.0	441.6	450.0
77.5°	305.9	302.4	314.3	350.0	360.7	385.7	367.8	347.6	326.2	292.8	304.7
80°	176.2	172.6	179.7	209.5	216.6	233.3	221.4	205.9	189.3	166.7	173.8
82.5°	65.5	67.9	71.4	90.5	97.6	113.1	101.2	89.3	77.4	63.1	67.9
85°	4.8	4.8	4.8	7.1	9.5	15.5	10.7	8.3	6.0	3.6	6.0
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)