

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: P198132

Luminaire Tested: **TT-C6-LED-E1-RW-SG-MS/DIM-7060**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P198132
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P34700)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: TT-C6-LED-E1-RW-SG-MS/DIM-7060
Description: TOPTIER LED PARKING GARAGE LUMINAIRE
RECTANGULAR DISTRIBUTION WITH SOFTENING GLASS LENS AND DIMMING OCCUPANCY
SENSOR
Light Source: (160) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8885 lumens
Efficiency: N/A
Efficacy: 82.3 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type III - Short - Full Cutoff
BUG Rating: B3 - U0 - G3

Input Watts (W): 108
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



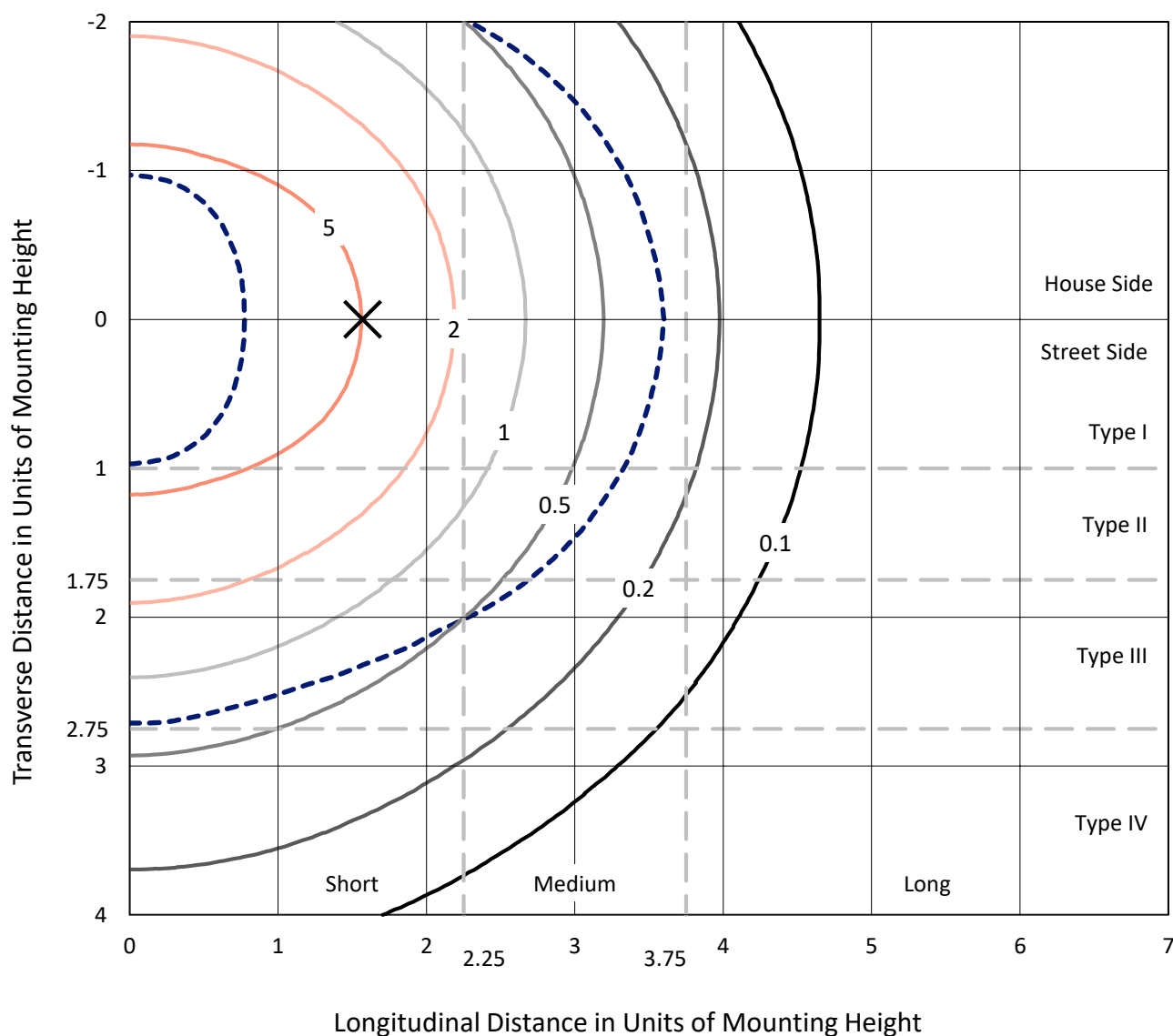
REPORT NUMBER: P198132

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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

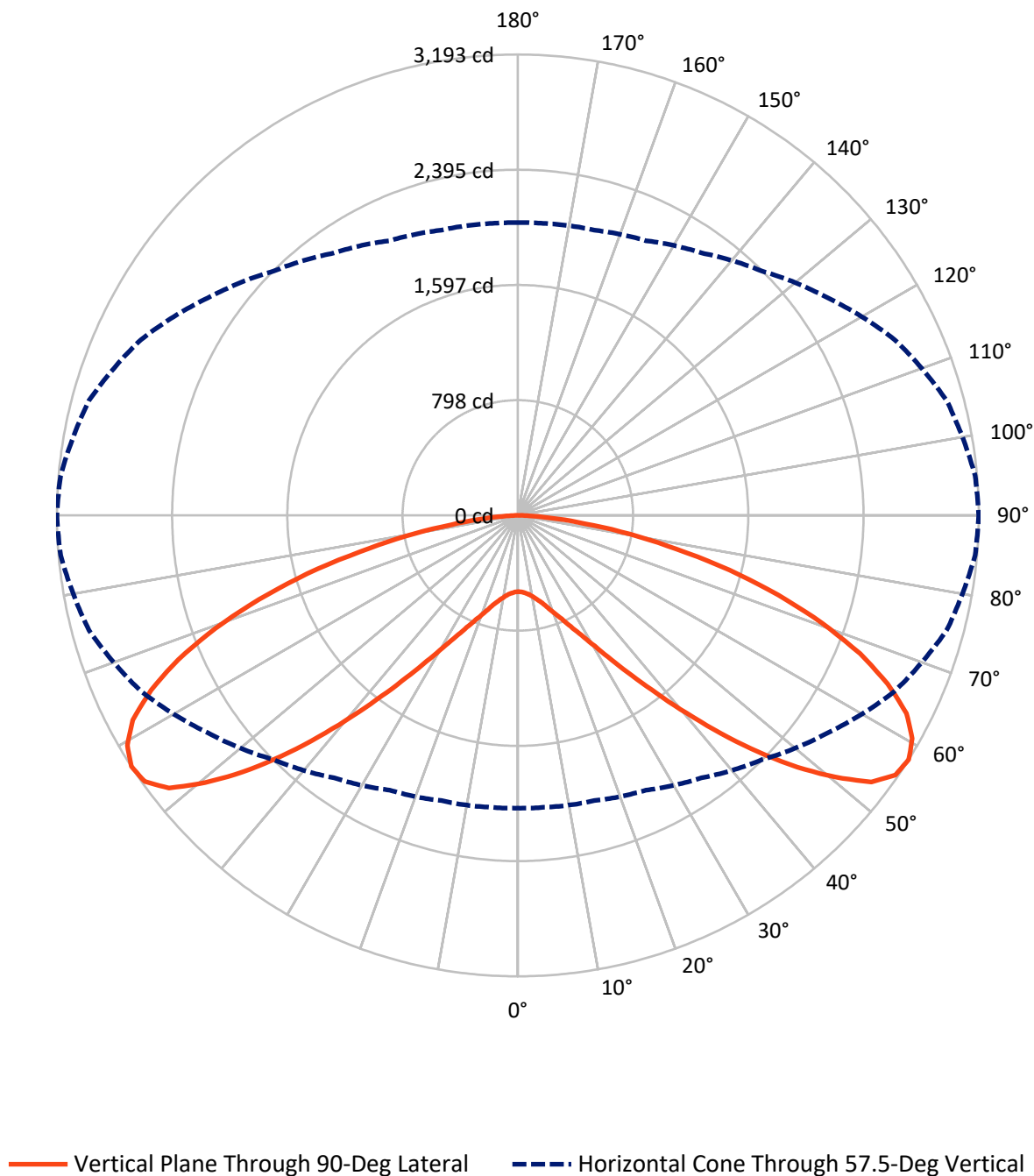


Based on 10 foot mounting height. Maximum calculated value = 8.3 fc
 Type III - Short - Full Cutoff

REPORT NUMBER: P198132

CATALOG NUMBER: TT-C6-LED-E1-RW-SG-MS/DIM-7060

Luminous Intensity Polar Plot



REPORT NUMBER: P198132

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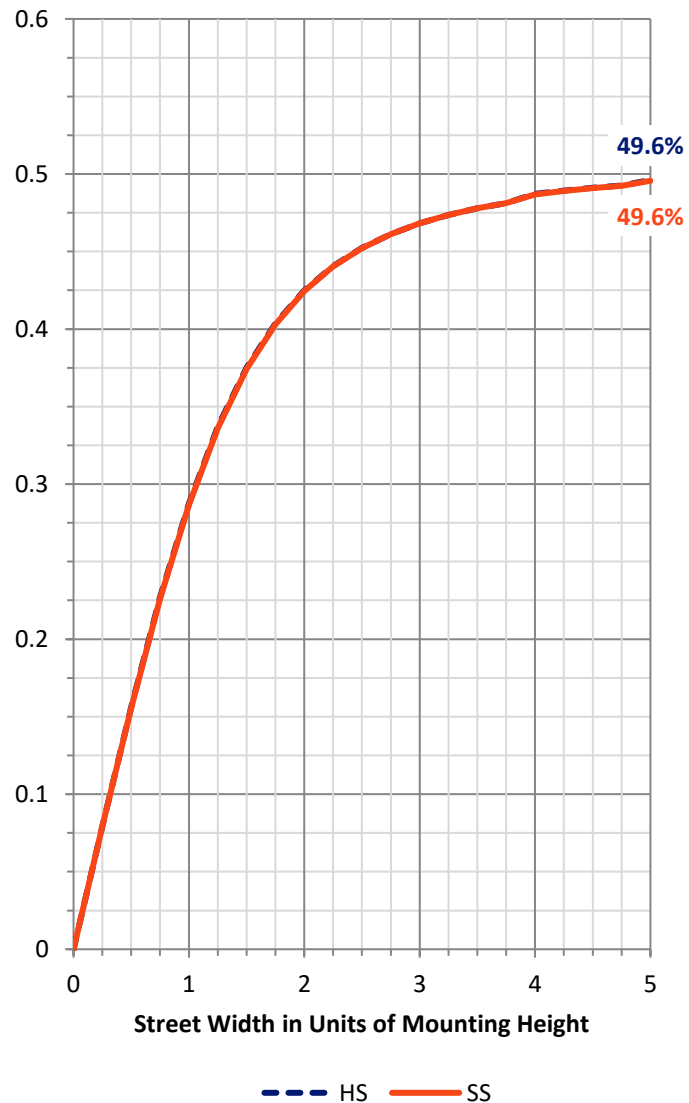
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4442.5	0.0	4442.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4442.5	0.0	4442.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	8885.0	0.0	8885.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.5	0.6
10°-20°	181.4	2.0
20°-30°	395.7	4.5
30°-40°	794.5	8.9
40°-50°	1483.6	16.7
50°-60°	2185.1	24.6
60°-70°	2201.3	24.8
70°-80°	1314.1	14.8
80°-90°	276.9	3.1
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°	8885.0	100.0
0°-180°	8885.0	100.0

Coefficient of Utilization



REPORT NUMBER: P198132

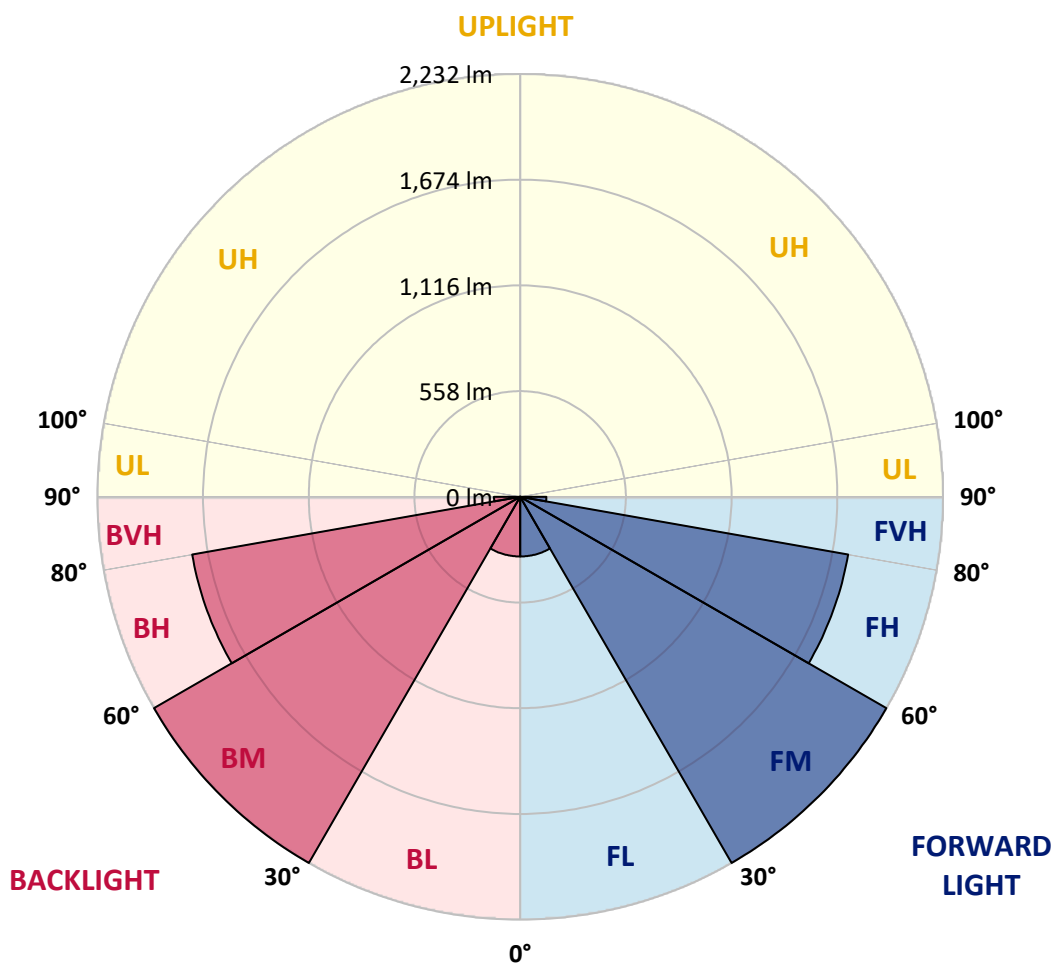
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	314.8	3.5			
FM	(30°-60°)	2231.6	25.1			
FH	(60°-80°)	1757.7	19.8			G1/1800
FVH	(80°-90°)	138.4	1.6			G2/225
BL	(0°-30°)	314.8	3.5	B1/500		
BM	(30°-60°)	2231.6	25.1	B2/2500		
BH	(60°-80°)	1757.7	19.8	B3/2500		G3/2500
BVH	(80°-90°)	138.4	1.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	528.4	528.4	528.4	528.4	528.4	528.4	528.4	528.4	528.4	528.4	528.4
2.5°	532.2	532.2	532.2	532.2	532.2	530.3	532.2	530.3	530.3	530.3	530.3
5°	538.0	538.0	538.0	540.0	540.0	540.0	540.0	538.0	540.0	538.0	540.0
7.5°	551.5	551.5	551.5	551.5	551.5	551.5	553.5	551.5	553.5	551.5	551.5
10°	568.9	568.9	568.9	568.9	570.8	570.8	570.8	572.7	572.7	572.7	572.7
12.5°	593.9	593.9	593.9	593.9	593.9	593.9	595.9	595.9	597.8	597.8	597.8
15°	626.7	626.7	624.8	624.8	624.8	626.7	626.7	630.6	628.7	628.7	628.7
17.5°	667.2	665.3	665.3	665.3	665.3	665.3	665.3	669.2	669.2	669.2	671.1
20°	711.6	715.4	713.5	709.7	709.7	709.7	711.6	715.4	715.4	721.2	723.2
22.5°	773.3	775.2	771.4	769.4	763.6	763.6	769.4	771.4	779.1	777.1	779.1
25°	838.9	836.9	835.0	831.1	831.1	831.1	835.0	840.8	846.6	852.4	852.4
27.5°	912.1	910.2	908.3	906.3	902.5	908.3	912.1	925.6	929.5	943.0	939.1
30°	993.1	995.1	991.2	989.3	987.3	989.3	1004.7	1024.0	1039.4	1049.1	1051.0
32.5°	1083.8	1085.7	1083.8	1079.9	1083.8	1093.4	1112.7	1137.8	1168.6	1186.0	1191.8
35°	1184.0	1187.9	1184.0	1187.9	1191.8	1209.1	1243.8	1282.4	1336.4	1351.8	1361.5
37.5°	1292.0	1288.2	1286.2	1292.0	1309.4	1346.0	1394.2	1461.7	1517.7	1563.9	1563.9
40°	1400.0	1401.9	1403.9	1403.9	1436.7	1486.8	1565.9	1656.5	1739.4	1799.2	1801.1
42.5°	1515.7	1515.7	1515.7	1533.1	1573.6	1652.6	1754.8	1887.9	2001.7	2057.6	2065.3
45°	1633.4	1641.1	1644.9	1668.1	1727.8	1828.1	1963.1	2123.2	2267.8	2343.0	2339.2
47.5°	1749.1	1758.7	1766.4	1801.1	1882.1	1990.1	2157.9	2350.7	2514.6	2599.5	2607.2
50°	1868.6	1862.8	1878.3	1920.7	2011.3	2150.2	2329.5	2551.3	2738.3	2842.5	2850.2
52.5°	1947.7	1945.8	1961.2	2005.5	2111.6	2267.8	2474.1	2726.8	2929.2	3037.2	3068.1
55°	2003.6	2001.7	2019.0	2071.1	2186.8	2352.7	2576.3	2842.5	3046.9	3158.7	3174.2
57.5°	2028.7	2030.6	2046.0	2100.0	2219.6	2393.1	2624.6	2881.0	3075.8	3179.9	3193.4
60°	2024.8	2026.8	2040.3	2092.3	2209.9	2377.7	2601.4	2842.5	3027.6	3124.0	3139.4
62.5°	1984.3	1982.4	1994.0	2038.3	2142.5	2298.7	2512.7	2740.3	2915.7	3004.5	3021.8
65°	1899.5	1897.5	1897.5	1936.1	2024.8	2157.9	2360.4	2562.8	2726.8	2811.6	2815.5
67.5°	1760.6	1760.6	1756.8	1779.9	1845.5	1974.7	2148.2	2333.4	2466.4	2545.5	2557.1
70°	1573.6	1577.4	1563.9	1577.4	1631.4	1733.6	1887.9	2036.4	2140.5	2231.2	2236.9
72.5°	1369.2	1353.7	1348.0	1351.8	1392.3	1457.9	1590.9	1716.3	1812.7	1874.4	1886.0
75°	1105.0	1105.0	1101.1	1095.3	1118.5	1184.0	1272.7	1375.0	1455.9	1498.4	1513.8
77.5°	846.6	854.3	842.7	842.7	860.1	910.2	987.3	1043.3	1101.1	1130.0	1122.3
80°	601.7	599.7	593.9	590.1	609.4	638.3	700.0	732.8	750.1	777.1	788.7
82.5°	372.2	376.0	381.8	364.5	372.2	399.2	432.0	449.3	457.0	468.6	466.7
85°	183.2	185.1	187.1	189.0	189.0	198.6	217.9	225.6	231.4	237.2	233.3
87.5°	67.5	63.6	61.7	61.7	61.7	63.6	73.3	71.4	75.2	75.2	79.1
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)