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: P887734

Luminaire Tested: **TT-D3-830-U-MQ-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:	P887734
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-238-2)
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-MQ-TC
Description:	MQ
	3000K, 80 CRI LEDS, MEDIUM DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:	
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4978 lumens
Efficiency:	N/A
Efficacy:	105.5 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

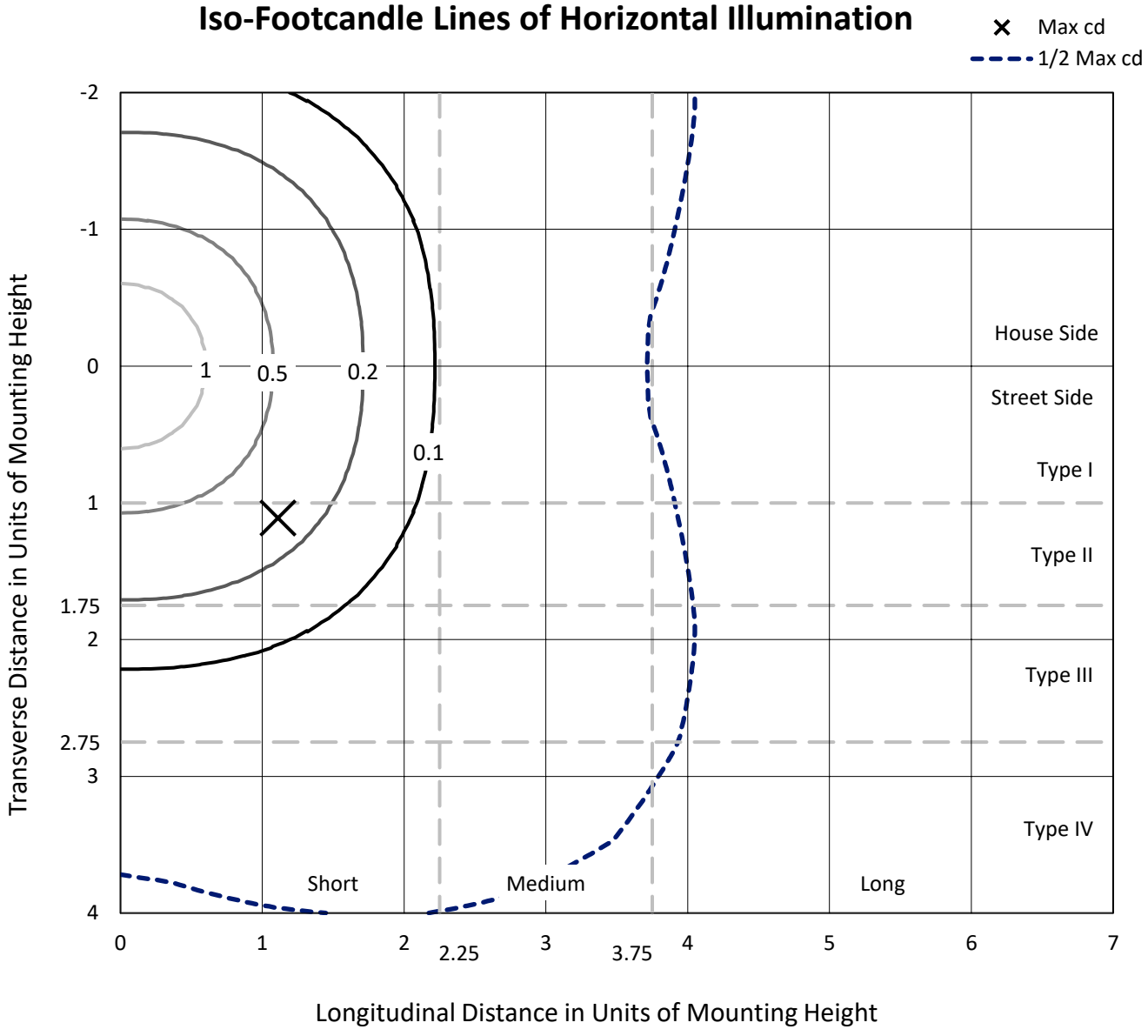


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Iso-Footcandle Lines of Horizontal Illumination



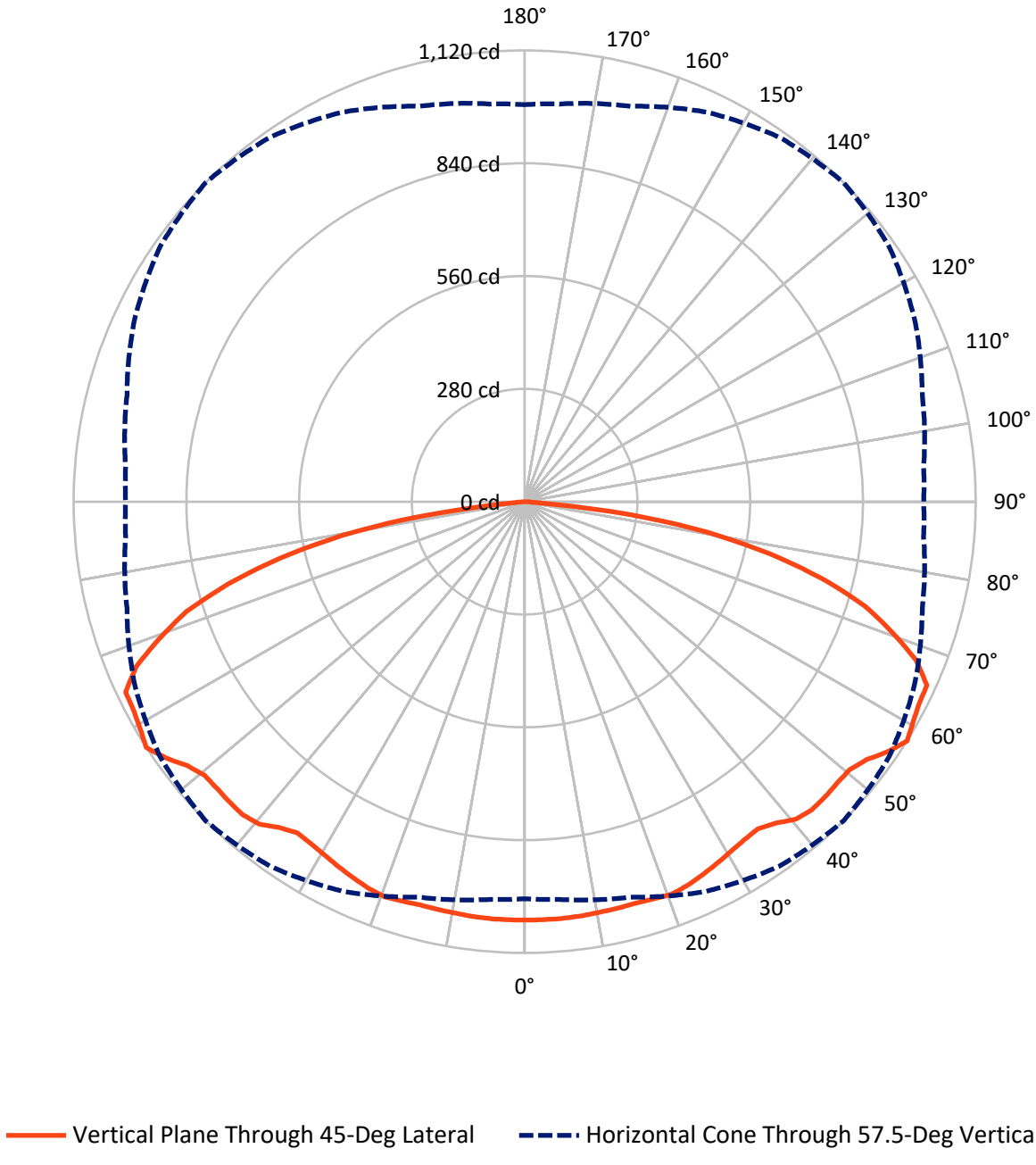
Based on 25 foot mounting height. Maximum calculated value = 1.7 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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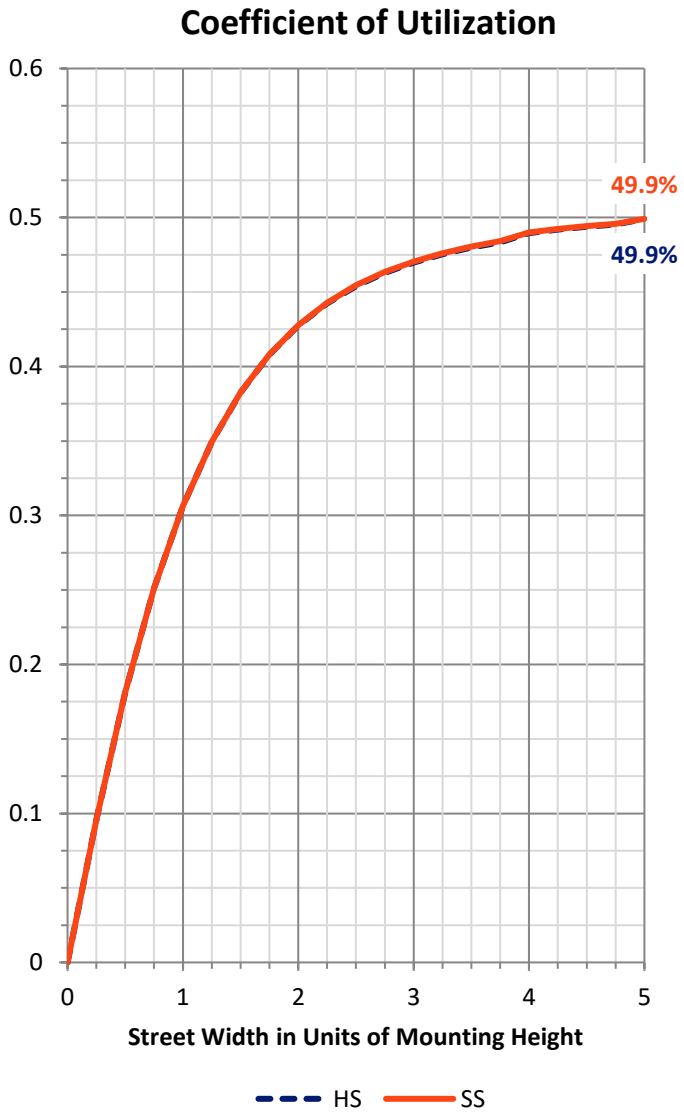
REPORT NUMBER: P887734
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2489.0	0.0	2489.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2489.0	0.0	2489.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	4978.0	0.0	4978.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.1	2.0
10°-20°	293.4	5.9
20°-30°	472.9	9.5
30°-40°	627.7	12.6
40°-50°	788.4	15.8
50°-60°	929.7	18.7
60°-70°	975.9	19.6
70°-80°	686.0	13.8
80°-90°	104.9	2.1
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°	4978.0	100.0
0°-180°	4978.0	100.0



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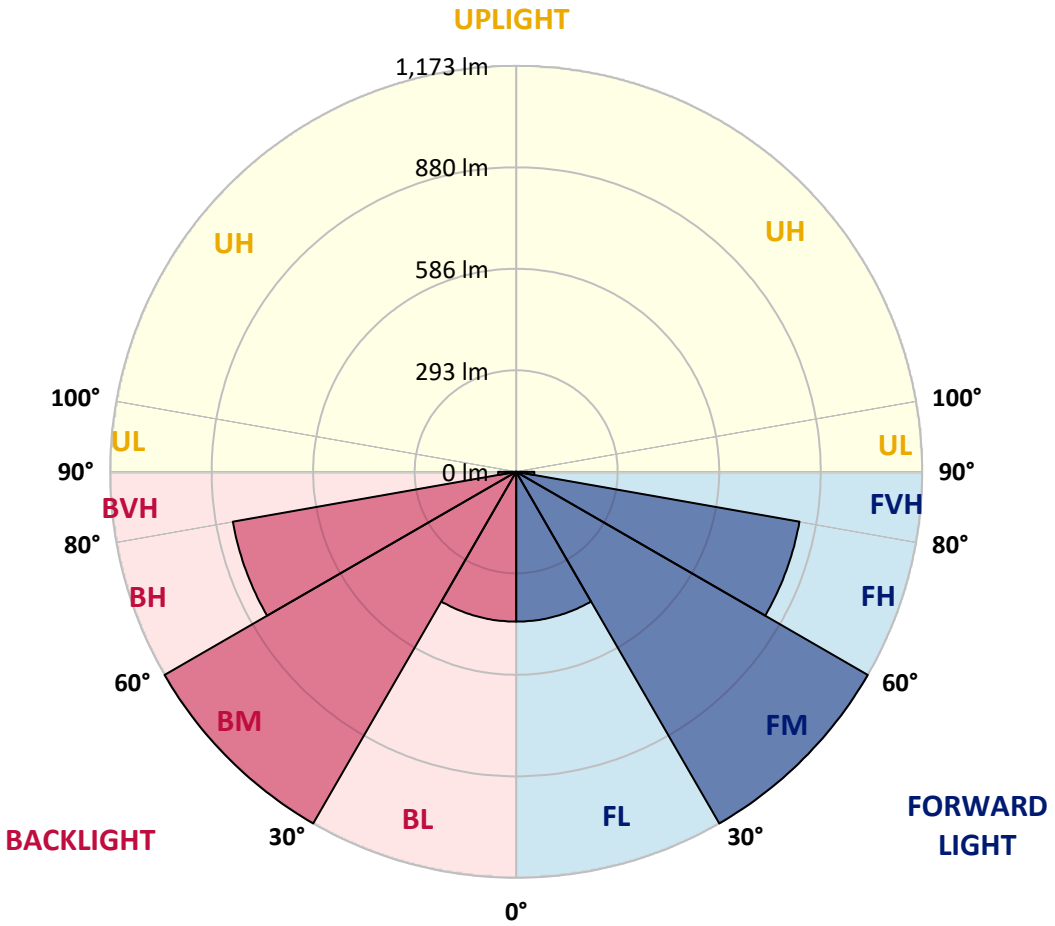
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	432.7	8.7			
FM	(30°-60°)	1172.9	23.6			
FH	(60°-80°)	830.9	16.7			G1/1800
FVH	(80°-90°)	52.5	1.1			G1/100
BL	(0°-30°)	432.7	8.7	B1/500		
BM	(30°-60°)	1172.9	23.6	B2/2500		
BH	(60°-80°)	830.9	16.7	B2/1000		G1/1800
BVH	(80°-90°)	52.5	1.1			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°	1038.6	1038.6	1038.6	1038.6	1038.6	*1038.6*	1038.6	1038.6	1038.6	1038.6	1038.6
2.5°	1039.5	1039.5	1039.5	1038.6	1037.7	*1038.6*	1037.7	1038.6	1038.6	1038.6	1039.5
5°	1039.5	1039.5	1039.5	1038.6	1038.6	*1038.6*	1038.6	1038.6	1038.6	1038.6	1038.6
7.5°	1038.6	1038.6	1037.7	1037.7	1037.7	*1037.7*	1037.7	1037.7	1037.7	1037.7	1037.7
10°	1037.7	1037.7	1036.8	1036.8	1035.9	*1035.9*	1035.9	1036.8	1036.8	1036.8	1036.8
12.5°	1035.0	1035.9	1035.9	1035.0	1035.0	*1035.0*	1034.1	1035.0	1035.0	1034.1	1034.1
15°	1033.2	1034.1	1034.1	1034.1	1034.1	*1034.1*	1033.2	1034.1	1033.2	1033.2	1033.2
17.5°	1033.2	1033.2	1034.1	1035.0	1035.9	*1036.8*	1035.0	1035.0	1033.2	1032.3	1032.3
20°	1035.0	1035.0	1035.9	1036.8	1039.5	*1040.4*	1039.5	1036.8	1035.9	1034.1	1034.1
22.5°	1029.7	1030.6	1031.4	1031.4	1033.2	*1035.0*	1034.1	1032.3	1030.6	1029.7	1029.7
25°	1022.5	1022.5	1022.5	1024.3	1026.1	*1026.1*	1025.2	1024.3	1022.5	1021.6	1021.6
27.5°	1012.6	1011.7	1012.6	1014.4	1016.2	*1017.1*	1016.2	1015.3	1012.6	1012.6	1011.7
30°	1001.9	1001.0	1002.8	1004.6	1007.3	*1008.1*	1007.3	1005.5	1002.8	1001.9	1001.0
32.5°	991.1	991.1	992.9	995.6	999.2	*1001.0*	999.2	997.4	992.9	991.1	991.1
35°	981.3	981.3	985.7	991.1	995.6	*997.4*	995.6	992.9	987.5	983.1	983.1
37.5°	982.2	984.0	990.2	1002.8	1009.9	*1012.6*	1010.8	1002.8	993.8	986.6	984.0
40°	995.6	997.4	1008.1	1020.7	1032.3	*1036.8*	1033.2	1022.5	1009.9	999.2	997.4
42.5°	996.5	997.4	1009.9	1026.1	1039.5	*1045.8*	1041.3	1027.9	1012.6	1000.1	998.3
45°	989.3	992.0	1006.4	1025.2	1039.5	*1045.8*	1039.5	1027.9	1009.0	994.7	993.8
47.5°	982.2	984.0	1000.1	1020.7	1037.7	*1044.0*	1038.6	1022.5	1001.9	986.6	985.7
50°	976.8	978.6	992.9	1019.8	1038.6	*1045.8*	1039.5	1022.5	997.4	982.2	981.3
52.5°	975.0	976.8	1000.1	1028.8	1057.4	*1063.7*	1056.5	1030.6	1003.7	980.4	980.4
55°	979.5	980.4	1011.7	1054.7	1081.6	*1095.1*	1083.4	1055.6	1018.0	987.5	984.0
57.5°	*985.7*	*991.1*	*1016.2*	*1067.3*	*1104.0*	*1120.2*	*1104.9*	*1069.1*	*1022.5*	*994.7*	*991.1*
60°	964.2	972.3	1007.3	1051.2	1093.3	*1108.5*	1096.0	1056.5	1007.3	971.4	970.5
62.5°	925.7	929.3	976.8	1032.3	1080.7	*1100.4*	1083.4	1040.4	980.4	942.7	938.2
65°	914.9	919.4	953.5	1022.5	1072.7	*1097.8*	1080.7	1027.9	958.9	918.5	914.9
67.5°	849.5	859.4	908.7	969.6	1026.1	*1047.6*	1031.4	984.8	908.7	859.4	852.2
70°	771.6	783.2	829.8	897.0	944.5	*966.9*	947.2	909.6	828.9	781.4	773.4
72.5°	681.1	688.2	742.0	796.7	855.8	*882.7*	857.6	809.2	739.3	682.0	678.4
75°	556.5	569.0	629.1	679.3	734.8	*763.5*	744.7	688.2	621.9	560.1	555.6
77.5°	425.7	430.1	492.0	550.2	596.8	*622.8*	607.6	553.8	485.7	424.8	419.4
80°	282.3	285.9	335.2	388.0	432.8	*461.5*	443.6	395.2	320.8	276.9	270.6
82.5°	121.9	124.6	154.1	198.9	239.3	*264.4*	250.0	204.3	141.6	114.7	108.4
85°	9.9	9.0	9.9	11.6	11.6	*24.2*	20.6	17.9	7.2	9.0	7.2
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)