

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: P1212003

Luminaire Tested: **GKO-PB1D-735-U-T1**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1212003
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1D-735-U-T1
Description: GEKKO WALL PACK 3500LM PACKAGE 70CRI 3500K FIXTURE w/ TYPE I DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

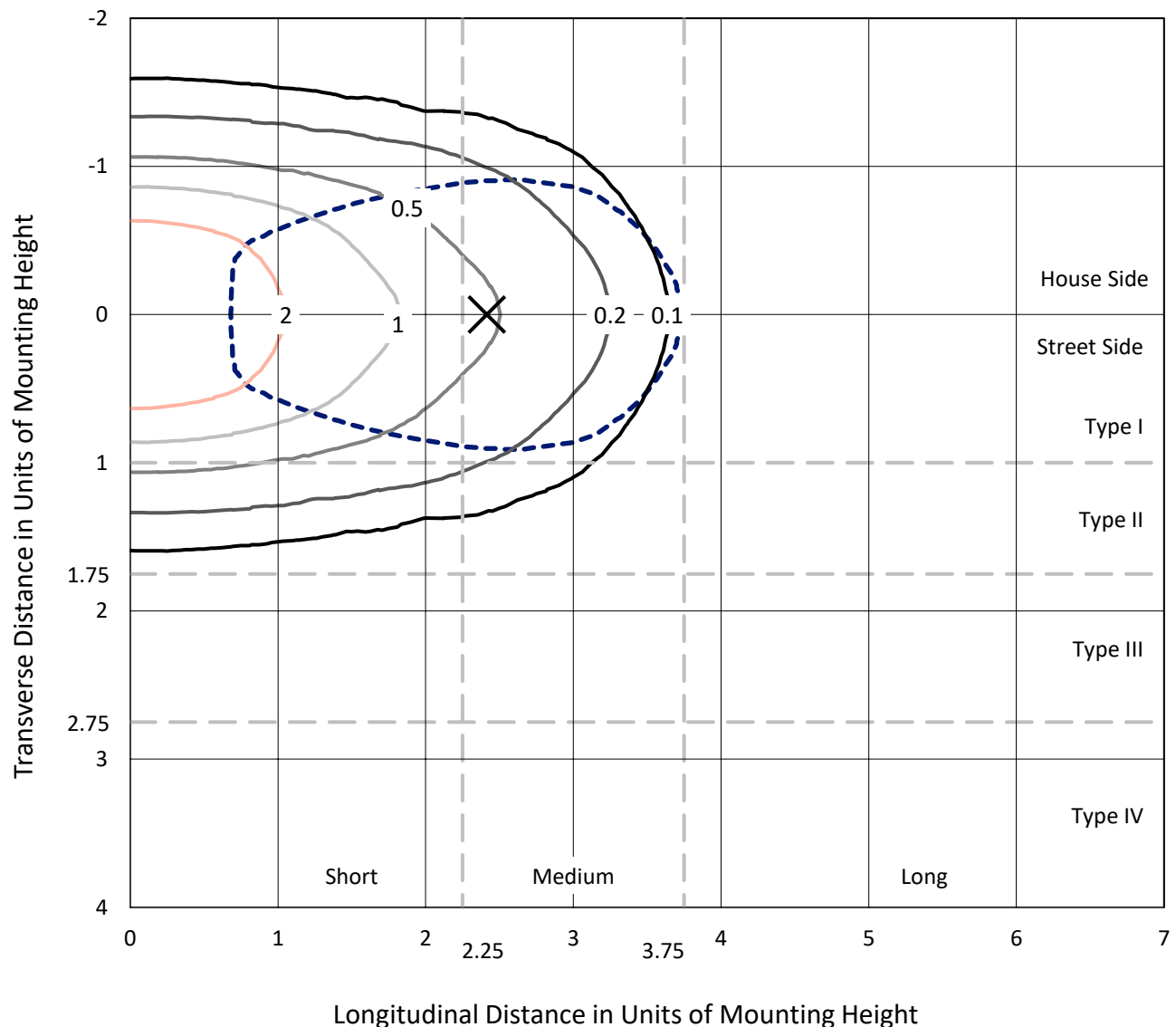
Lumens per Lamp: N/A
Luminaire Lumens: 3671.6 lumens
Efficiency: N/A
Efficacy: 143.4 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type I - Short
BUG Rating: B1 - U0 - G1

Input Watts (W): 25.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi):
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

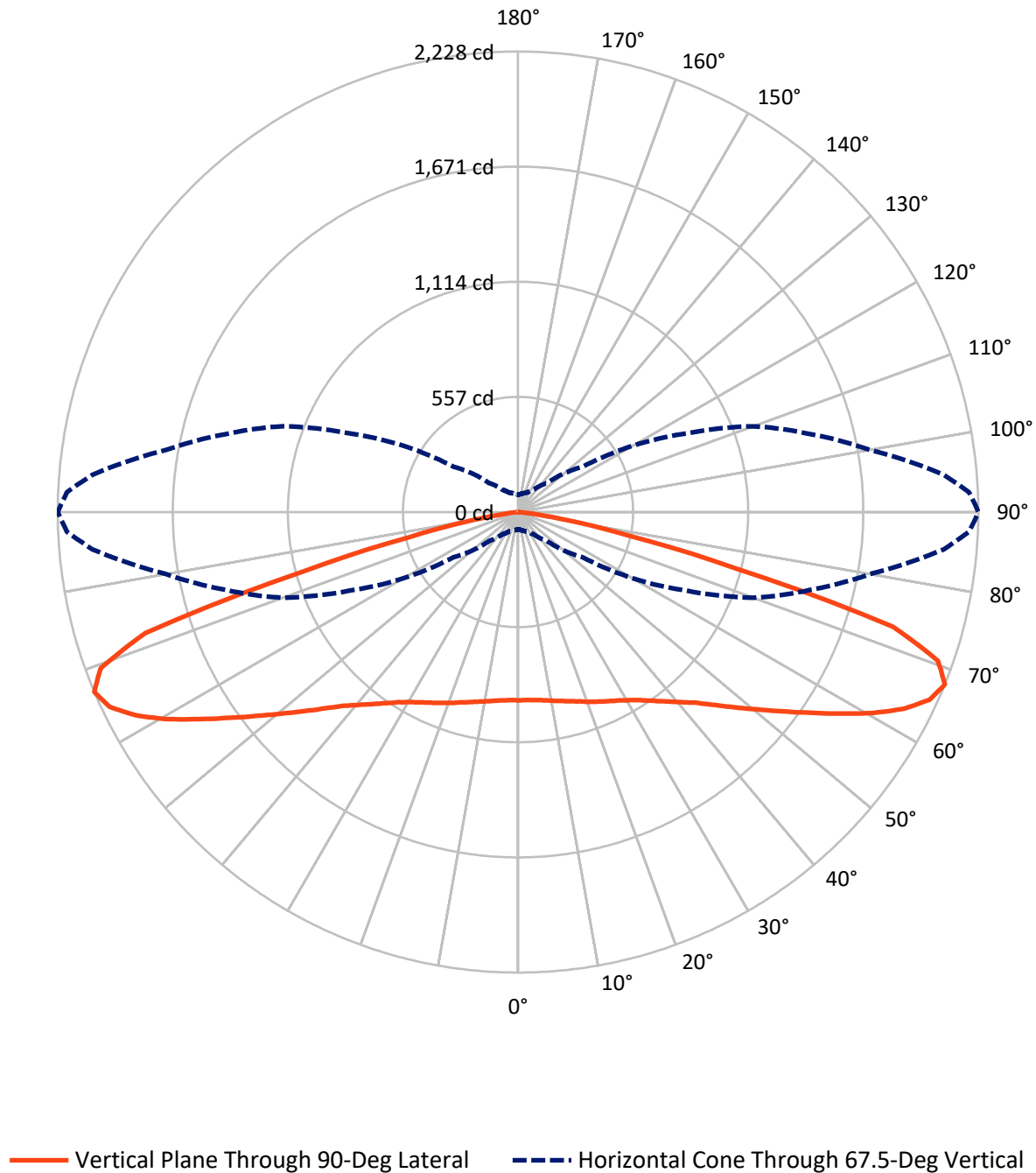
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4 fc
 Type I - Short - N/A

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Luminous Intensity Polar Plot



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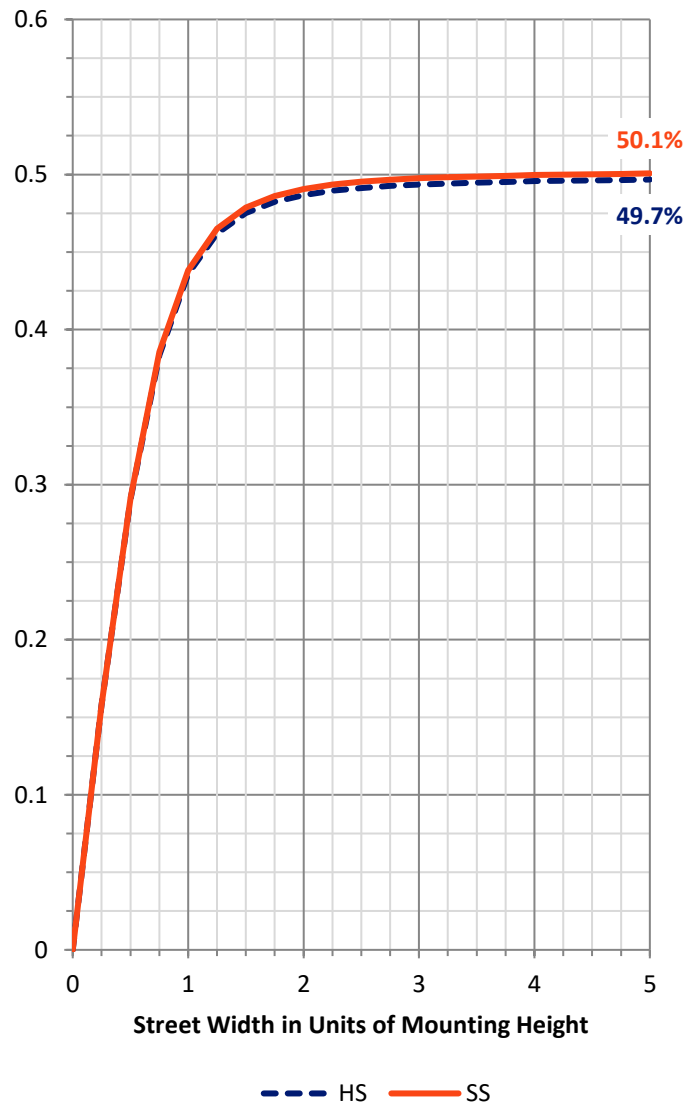
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1835.8	0.0	1835.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1835.8	0.0	1835.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	3671.6	0.0	3671.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.4	2.4
10°-20°	263.3	7.2
20°-30°	437.8	11.9
30°-40°	581.6	15.8
40°-50°	655.7	17.9
50°-60°	674.3	18.4
60°-70°	637.2	17.4
70°-80°	311.9	8.5
80°-90°	22.3	0.6
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°	3671.6	100.0
0°-180°	3671.6	100.0

Coefficient of Utilization



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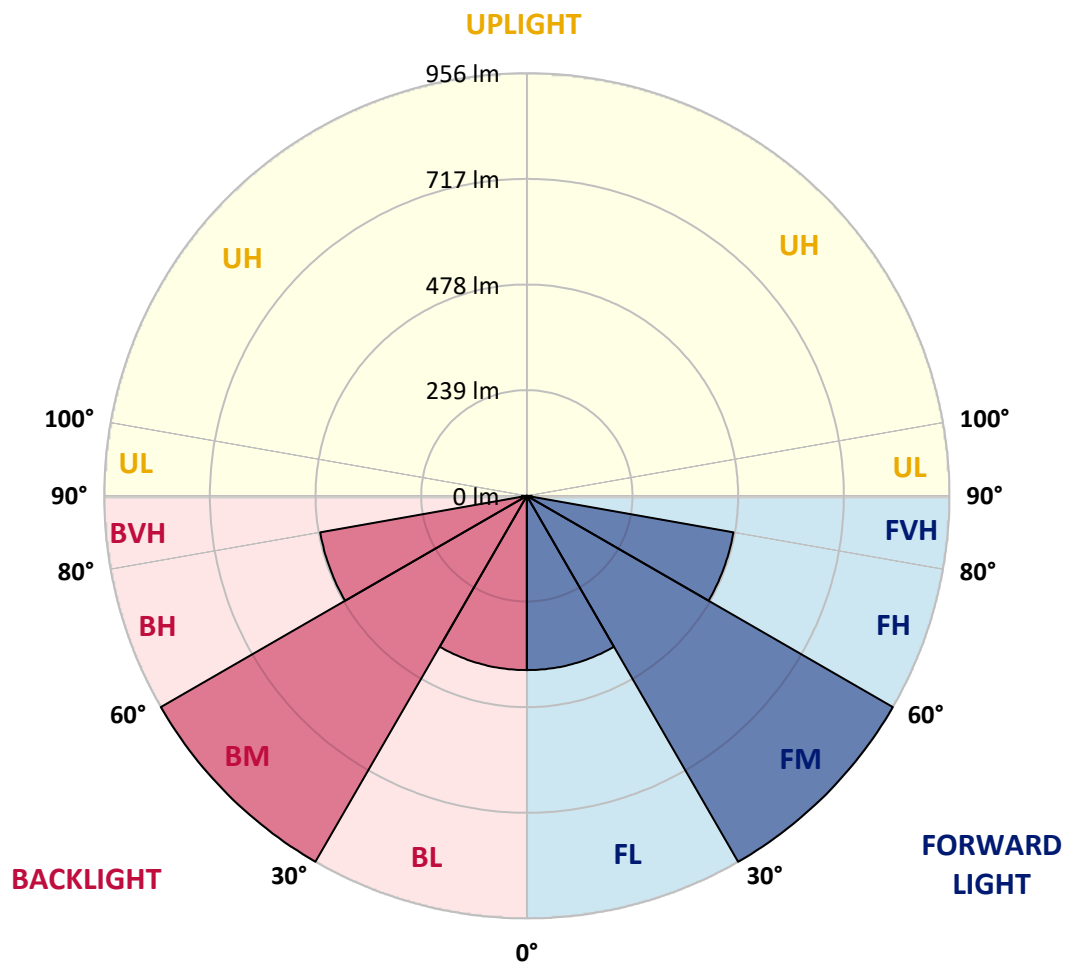
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	394.3	10.7			
FM	(30°-60°)	955.8	26.0			
FH	(60°-80°)	474.6	12.9			G0/660
FVH	(80°-90°)	11.2	0.3			G1/100
BL	(0°-30°)	394.3	10.7	B1/500		
BM	(30°-60°)	955.8	26.0	B1/1000		
BH	(60°-80°)	474.6	12.9	B1/500		G1/500
BVH	(80°-90°)	11.2	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type I Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	80°
0°	911.1	911.1	911.1	911.1	911.1	911.1	911.1	911.1	911.1	911.1	911.1
2.5°	911.7	913.1	910.4	910.4	911.7	912.4	912.4	913.1	911.7	911.7	911.1
5°	911.7	912.4	911.1	911.1	912.4	914.5	913.8	915.1	915.1	914.5	914.5
7.5°	911.1	912.4	911.1	911.7	913.8	917.8	917.8	917.8	919.2	920.5	920.5
10°	910.4	911.7	912.4	913.1	915.8	921.9	923.3	923.9	926.0	928.0	928.0
12.5°	907.0	908.4	910.4	913.1	917.8	926.0	928.7	930.7	934.1	936.1	937.5
15°	902.3	902.9	907.7	913.1	920.5	930.7	936.1	939.5	944.2	946.9	949.0
17.5°	895.5	896.2	903.6	911.7	922.6	936.8	945.6	951.0	955.7	959.8	962.5
20°	886.7	888.7	897.5	910.4	926.0	942.9	955.7	965.2	970.0	974.0	978.1
22.5°	875.9	877.9	888.7	907.0	929.3	951.0	967.9	980.1	986.2	991.6	996.4
25°	859.6	862.3	875.2	898.9	930.7	959.8	981.5	997.0	1002.4	1009.2	1013.3
27.5°	834.6	836.6	852.2	882.6	926.6	969.3	997.0	1015.3	1021.4	1028.8	1032.9
30°	795.3	799.4	818.3	856.2	916.5	976.7	1015.3	1033.6	1041.0	1048.5	1053.9
32.5°	744.6	750.7	771.6	820.4	896.9	979.4	1034.9	1055.9	1065.4	1073.5	1080.3
35°	681.6	687.7	712.7	774.3	865.7	974.0	1054.6	1081.6	1093.1	1104.0	1112.1
37.5°	609.9	615.3	645.7	716.1	821.0	957.1	1070.1	1110.1	1125.6	1139.9	1150.7
40°	537.4	543.5	576.7	651.8	766.9	924.6	1076.9	1141.2	1160.8	1179.1	1192.6
42.5°	458.9	466.4	503.6	583.5	703.9	879.9	1071.5	1171.7	1196.0	1221.1	1241.4
45°	389.2	390.6	431.2	508.3	634.9	822.4	1052.5	1200.8	1233.9	1269.1	1298.2
47.5°	322.2	324.9	360.1	436.6	563.2	757.4	1018.0	1223.8	1276.6	1321.9	1364.6
50°	262.6	266.0	297.8	366.2	491.4	686.3	971.3	1237.3	1313.1	1374.7	1434.3
52.5°	213.9	218.0	244.4	304.6	419.0	611.9	913.8	1239.4	1346.3	1427.5	1506.7
55°	178.0	180.7	201.0	249.1	349.3	534.7	848.1	1229.2	1368.0	1474.9	1580.5
57.5°	150.3	153.0	167.2	205.1	286.3	455.5	768.2	1205.5	1379.5	1516.2	1655.0
60°	130.6	132.7	142.8	169.9	235.6	381.1	682.3	1163.5	1376.1	1541.9	1716.5
62.5°	116.4	117.1	125.9	144.9	194.3	310.7	585.5	1100.6	1348.3	1545.3	1758.5
65°	103.6	104.2	109.7	123.2	159.7	249.8	484.6	1014.0	1295.5	1521.6	1764.6
67.5°	83.9	85.3	93.4	103.6	131.3	197.6	381.8	900.2	1213.0	1460.0	1730.1
70°	67.0	67.7	75.8	87.3	106.9	155.7	293.1	747.3	1083.7	1359.8	1640.7
72.5°	50.1	51.4	58.9	70.4	87.3	120.5	211.9	565.2	866.4	1146.6	1428.9
75°	39.9	40.6	43.3	54.1	67.7	91.4	142.8	342.5	521.9	709.4	875.9
77.5°	33.8	34.5	34.5	42.0	50.1	61.6	75.8	136.1	220.7	314.1	416.3
80°	27.8	29.1	26.4	31.1	35.9	35.9	35.2	65.0	104.2	147.6	193.6
82.5°	20.3	21.7	20.3	21.7	21.7	19.6	18.3	24.4	33.2	45.4	49.4
85°	14.2	14.9	16.2	14.9	14.2	11.5	8.8	6.8	4.1	4.7	6.8
87.5°	9.5	11.5	13.5	12.9	10.8	8.8	6.1	4.1	2.0	2.7	2.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	85°	87.5°	90°
0°	911.1	911.1	911.1
2.5°	911.7	911.1	910.4
5°	915.1	914.5	913.8
7.5°	919.9	919.9	919.9
10°	927.3	928.7	928.7
12.5°	936.8	938.1	938.1
15°	948.3	949.0	950.3
17.5°	962.5	963.2	963.2
20°	979.4	978.8	980.1
22.5°	996.4	996.4	996.4
25°	1014.0	1014.0	1014.0
27.5°	1034.3	1034.3	1032.9
30°	1056.6	1056.6	1056.6
32.5°	1083.7	1084.3	1085.0
35°	1118.2	1119.5	1121.6
37.5°	1157.5	1160.8	1162.9
40°	1204.2	1205.5	1208.9
42.5°	1256.3	1260.3	1261.0
45°	1321.3	1328.0	1330.7
47.5°	1397.7	1407.2	1412.0
50°	1483.0	1493.9	1500.6
52.5°	1575.8	1593.4	1601.5
55°	1674.6	1705.0	1713.8
57.5°	1786.3	1827.6	1839.7
60°	1895.9	1954.1	1973.8
62.5°	1989.3	2071.2	2095.6
65°	2055.0	2153.8	2189.7
67.5°	2068.5	2185.6	2228.3
70°	1987.3	2107.1	2156.5
72.5°	1728.1	1836.4	1897.9
75°	1020.7	1098.6	1079.6
77.5°	512.4	534.7	538.1
80°	224.7	238.3	243.7
82.5°	55.5	56.9	64.3
85°	7.4	8.8	8.1
87.5°	2.7	2.7	3.4
90°	0.0	0.0	0.0

(END OF REPORT)