

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: P1212041

Luminaire Tested: **GKO-PB2A-835-U-T1**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1212041
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2A-835-U-T1
Description: GEKKO WALL PACK 4000LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE I DISTRIBUTION OPTIC
Light Source: (20) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

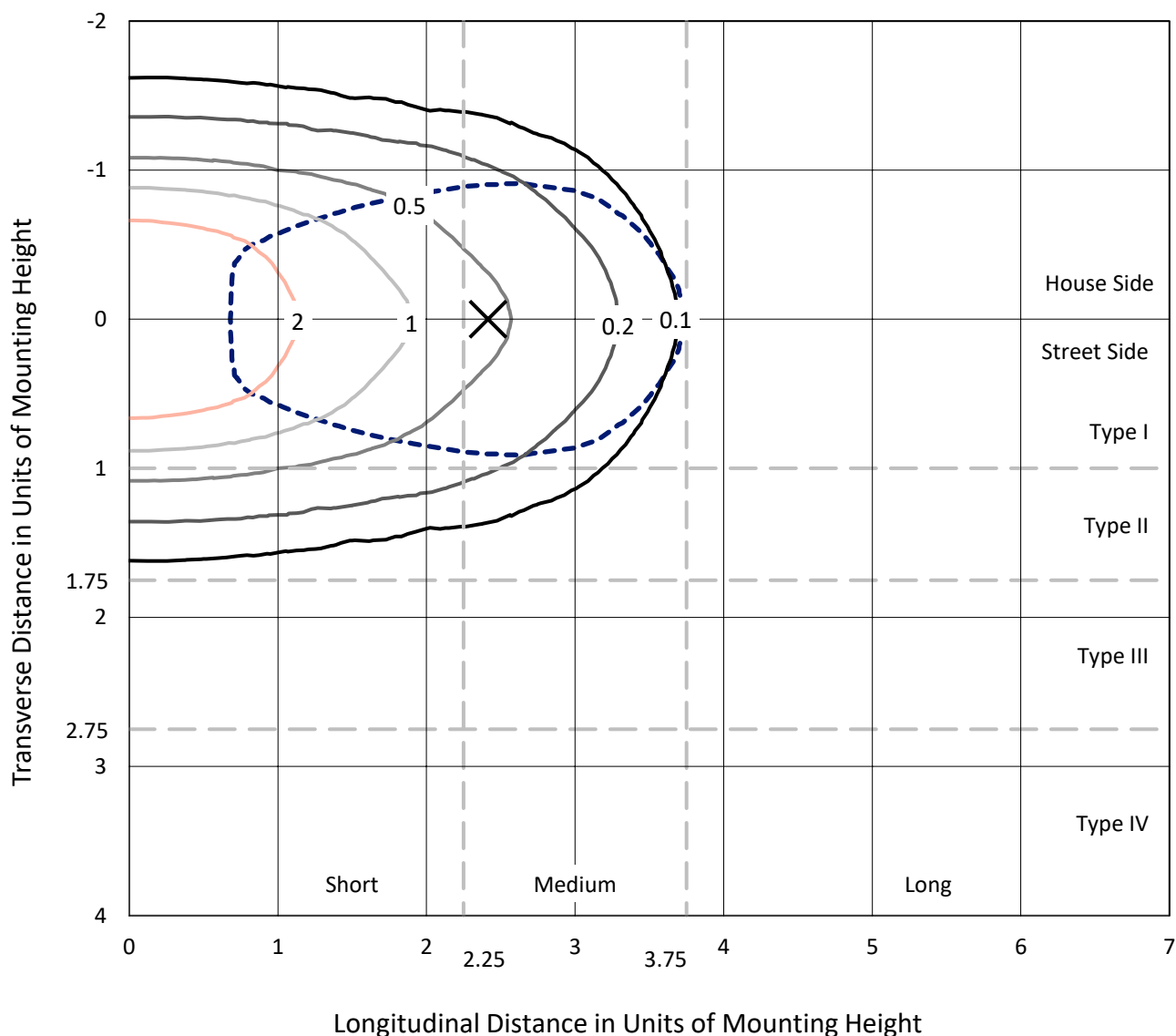
Lumens per Lamp: N/A
Luminaire Lumens: 3944.5 lumens
Efficiency: N/A
Efficacy: 148.8 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type I - Short
BUG Rating: B2 - U0 - G2

Input Watts (W): 26.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 12%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P1212041
 CATALOG NUMBER: GKO-PB2A-835-U-T1

Iso-Footcandle Lines of Horizontal Illumination

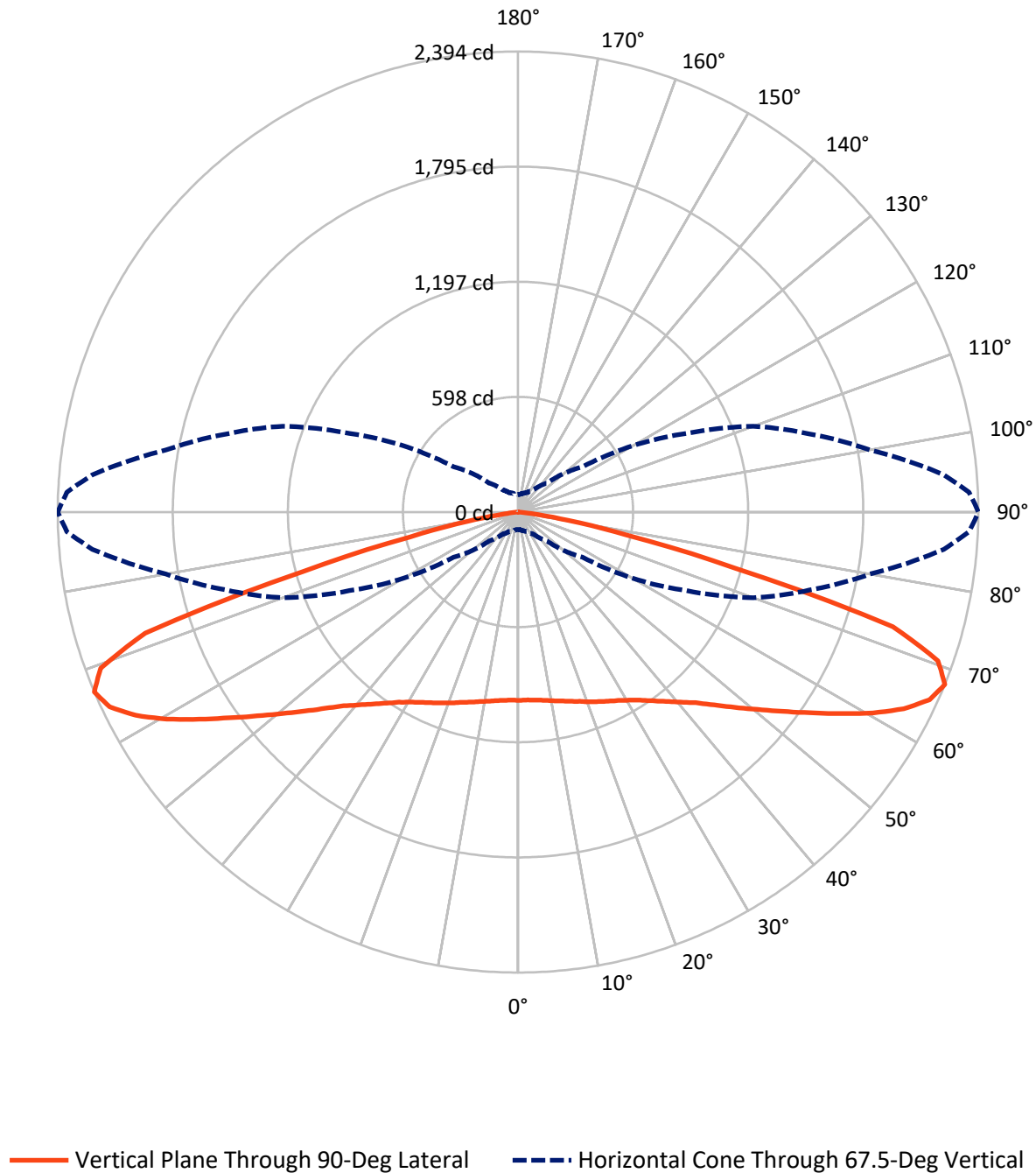
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.4 fc
 Type I - Short - N/A

REPORT NUMBER: P1212041
CATALOG NUMBER: GKO-PB2A-835-U-T1

Luminous Intensity Polar Plot



REPORT NUMBER: P1212041

CATALOG NUMBER: GKO-PB2A-835-U-T1

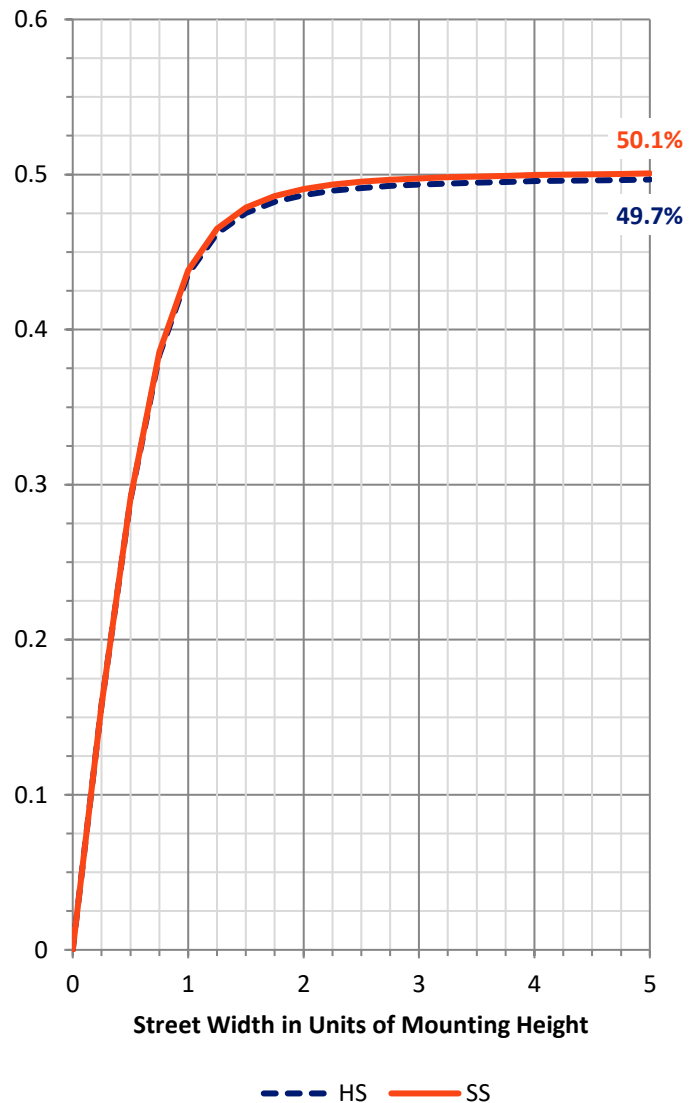
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1972.3	0.0	1972.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1972.3	0.0	1972.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	3944.5	0.0	3944.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.9	2.4
10°-20°	282.9	7.2
20°-30°	470.4	11.9
30°-40°	624.9	15.8
40°-50°	704.5	17.9
50°-60°	724.4	18.4
60°-70°	684.6	17.4
70°-80°	335.1	8.5
80°-90°	24.0	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°	3944.5	100.0
0°-180°	3944.5	100.0

Coefficient of Utilization



REPORT NUMBER: P1212041

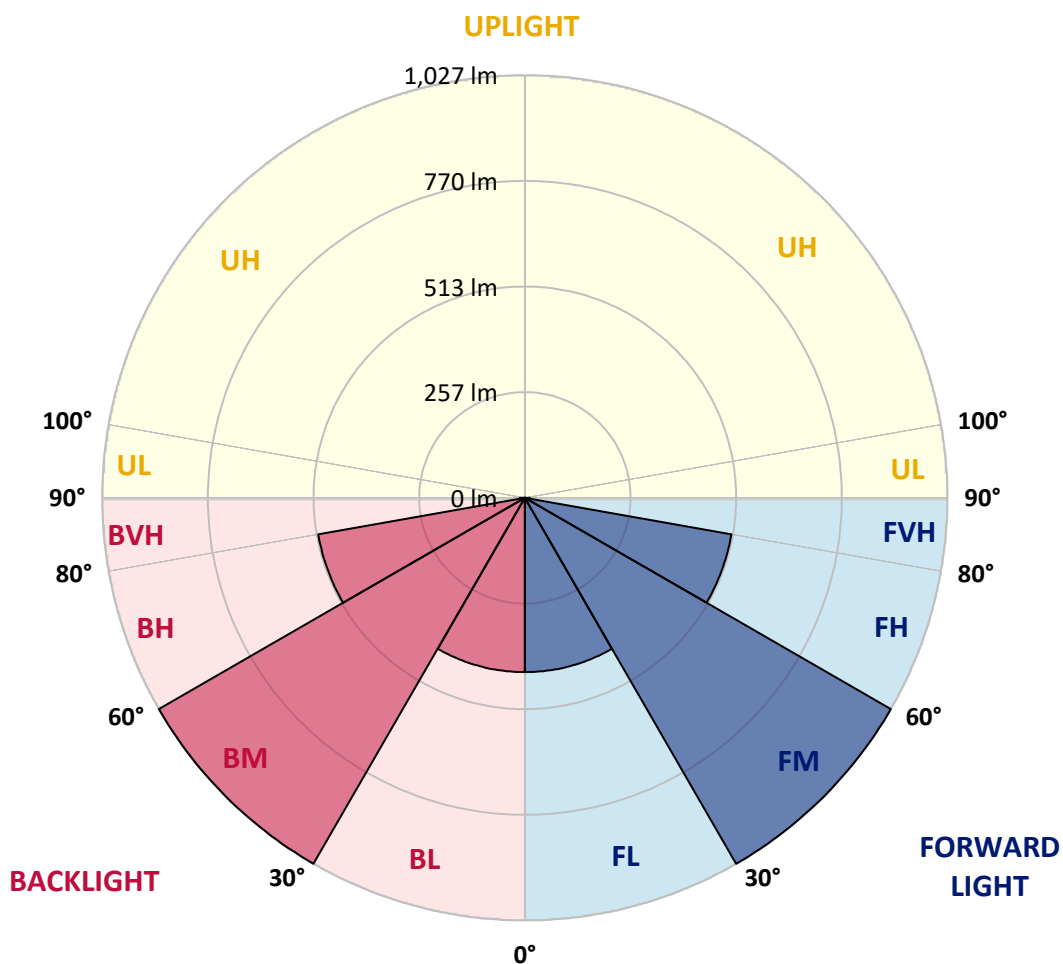
CATALOG NUMBER: GKO-PB2A-835-U-T1

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	423.6	10.7			
FM	(30°-60°)	1026.9	26.0			
FH	(60°-80°)	509.8	12.9			G0/660
FVH	(80°-90°)	12.0	0.3			G1/100
BL	(0°-30°)	423.6	10.7	B1/500		
BM	(30°-60°)	1026.9	26.0	B2/2500		
BH	(60°-80°)	509.8	12.9	B2/1000		G2/1000
BVH	(80°-90°)	12.0	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type I Short



REPORT NUMBER: P1212041

CATALOG NUMBER: GKO-PB2A-835-U-T1

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	80°
0°	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8	978.8
2.5°	979.5	981.0	978.1	978.1	979.5	980.2	980.2	981.0	979.5	979.5	978.8
5°	979.5	980.2	978.8	978.8	980.2	982.4	981.7	983.2	983.2	982.4	982.4
7.5°	978.8	980.2	978.8	979.5	981.7	986.1	986.1	986.1	987.5	989.0	989.0
10°	978.1	979.5	980.2	981.0	983.9	990.4	991.9	992.6	994.8	997.0	997.0
12.5°	974.4	975.9	978.1	981.0	986.1	994.8	997.7	999.9	1003.5	1005.7	1007.2
15°	969.3	970.1	975.2	981.0	989.0	999.9	1005.7	1009.3	1014.4	1017.3	1019.5
17.5°	962.1	962.8	970.8	979.5	991.2	1006.4	1015.9	1021.7	1026.8	1031.1	1034.1
20°	952.6	954.8	964.2	978.1	994.8	1013.0	1026.8	1037.0	1042.1	1046.4	1050.8
22.5°	941.0	943.2	954.8	974.4	998.4	1021.7	1039.9	1053.0	1059.5	1065.3	1070.4
25°	923.5	926.4	940.3	965.7	999.9	1031.1	1054.4	1071.1	1077.0	1084.2	1088.6
27.5°	896.6	898.8	915.5	948.2	995.5	1041.3	1071.1	1090.8	1097.3	1105.3	1109.7
30°	854.4	858.8	879.2	919.9	984.6	1049.3	1090.8	1110.4	1118.4	1126.4	1132.2
32.5°	799.9	806.4	829.0	881.3	963.5	1052.2	1111.9	1134.4	1144.6	1153.3	1160.6
35°	732.3	738.8	765.7	831.9	930.1	1046.4	1133.0	1162.0	1174.4	1186.0	1194.8
37.5°	655.2	661.0	693.7	769.4	882.1	1028.2	1149.7	1192.6	1209.3	1224.6	1236.2
40°	577.4	583.9	619.6	700.3	823.9	993.3	1157.0	1226.0	1247.1	1266.8	1281.3
42.5°	493.0	501.0	541.0	626.8	756.3	945.3	1151.1	1258.8	1284.9	1311.8	1333.7
45°	418.1	419.6	463.2	546.1	682.1	883.5	1130.8	1290.0	1325.7	1363.5	1394.7
47.5°	346.1	349.0	386.9	469.0	605.0	813.7	1093.7	1314.8	1371.5	1420.2	1466.0
50°	282.1	285.8	320.0	393.4	527.9	737.4	1043.5	1329.3	1410.7	1476.9	1540.9
52.5°	229.8	234.2	262.5	327.2	450.1	657.4	981.7	1331.5	1446.4	1533.6	1618.7
55°	191.2	194.2	216.0	267.6	375.2	574.5	911.2	1320.6	1469.6	1584.5	1698.0
57.5°	161.4	164.3	179.6	220.3	307.6	489.4	825.4	1295.1	1482.0	1628.9	1778.0
60°	140.3	142.5	153.4	182.5	253.1	409.4	733.0	1250.0	1478.4	1656.5	1844.1
62.5°	125.1	125.8	135.3	155.6	208.7	333.8	629.0	1182.4	1448.6	1660.2	1889.2
65°	111.3	112.0	117.8	132.3	171.6	268.3	520.7	1089.3	1391.8	1634.7	1895.8
67.5°	90.2	91.6	100.4	111.3	141.1	212.3	410.1	967.2	1303.1	1568.5	1858.7
70°	72.0	72.7	81.4	93.8	114.9	167.3	314.9	802.8	1164.2	1460.9	1762.7
72.5°	53.8	55.3	63.3	75.6	93.8	129.4	227.6	607.2	930.8	1231.9	1535.1
75°	42.9	43.6	46.5	58.2	72.7	98.2	153.4	368.0	560.7	762.1	941.0
77.5°	36.4	37.1	37.1	45.1	53.8	66.2	81.4	146.2	237.1	337.4	447.2
80°	29.8	31.3	28.4	33.5	38.5	38.5	37.8	69.8	112.0	158.5	208.0
82.5°	21.8	23.3	21.8	23.3	23.3	21.1	19.6	26.2	35.6	48.7	53.1
85°	15.3	16.0	17.5	16.0	15.3	12.4	9.5	7.3	4.4	5.1	7.3
87.5°	10.2	12.4	14.5	13.8	11.6	9.5	6.5	4.4	2.2	2.9	2.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1212041
 CATALOG NUMBER: GKO-PB2A-835-U-T1

CANDELA DISTRIBUTION (continued):

	85°	87.5°	90°
0°	978.8	978.8	978.8
2.5°	979.5	978.8	978.1
5°	983.2	982.4	981.7
7.5°	988.2	988.2	988.2
10°	996.2	997.7	997.7
12.5°	1006.4	1007.9	1007.9
15°	1018.8	1019.5	1021.0
17.5°	1034.1	1034.8	1034.8
20°	1052.2	1051.5	1053.0
22.5°	1070.4	1070.4	1070.4
25°	1089.3	1089.3	1089.3
27.5°	1111.1	1111.1	1109.7
30°	1135.1	1135.1	1135.1
32.5°	1164.2	1165.0	1165.7
35°	1201.3	1202.8	1204.9
37.5°	1243.5	1247.1	1249.3
40°	1293.7	1295.1	1298.8
42.5°	1349.7	1354.0	1354.7
45°	1419.5	1426.7	1429.6
47.5°	1501.6	1511.8	1516.9
50°	1593.3	1604.9	1612.2
52.5°	1692.9	1711.8	1720.5
55°	1799.1	1831.8	1841.2
57.5°	1919.0	1963.4	1976.5
60°	2036.8	2099.4	2120.5
62.5°	2137.2	2225.2	2251.4
65°	2207.7	2313.9	2352.4
67.5°	2222.3	2348.1	2393.9
70°	2135.0	2263.7	2316.8
72.5°	1856.5	1972.9	2039.0
75°	1096.6	1180.2	1159.9
77.5°	550.5	574.5	578.1
80°	241.4	256.0	261.8
82.5°	59.6	61.1	69.1
85°	8.0	9.5	8.7
87.5°	2.9	2.9	3.6
90°	0.0	0.0	0.0

(END OF REPORT)