

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: P1212033

Luminaire Tested: **GKO-PB1D-835-U-T1**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1212033
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1D-835-U-T1
Description: GEKKO WALL PACK 3500LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE I DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

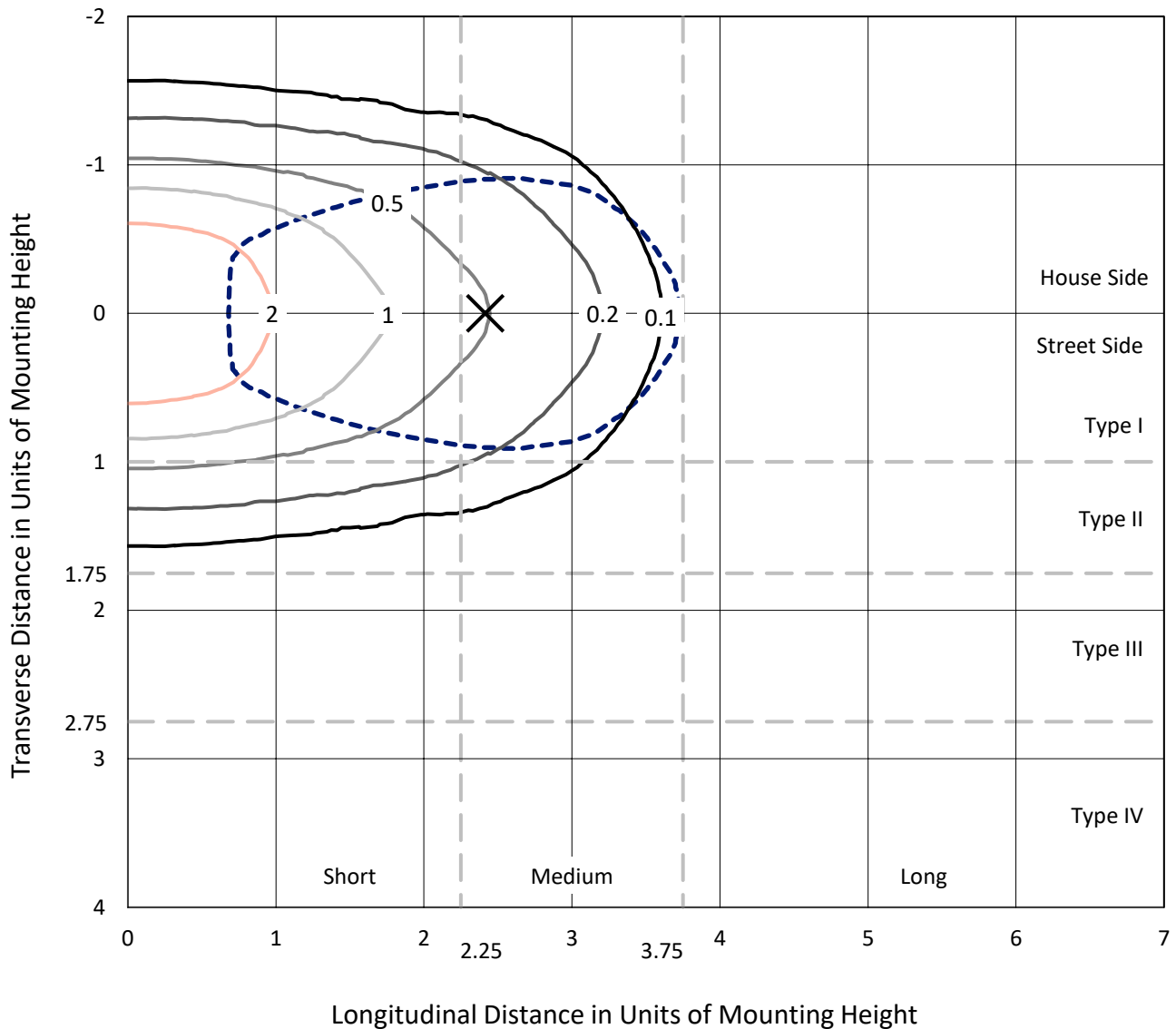
Lumens per Lamp: N/A
Luminaire Lumens: 3433.2 lumens
Efficiency: N/A
Efficacy: 134.1 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type I - Short
BUG Rating: B1 - U0 - G1

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

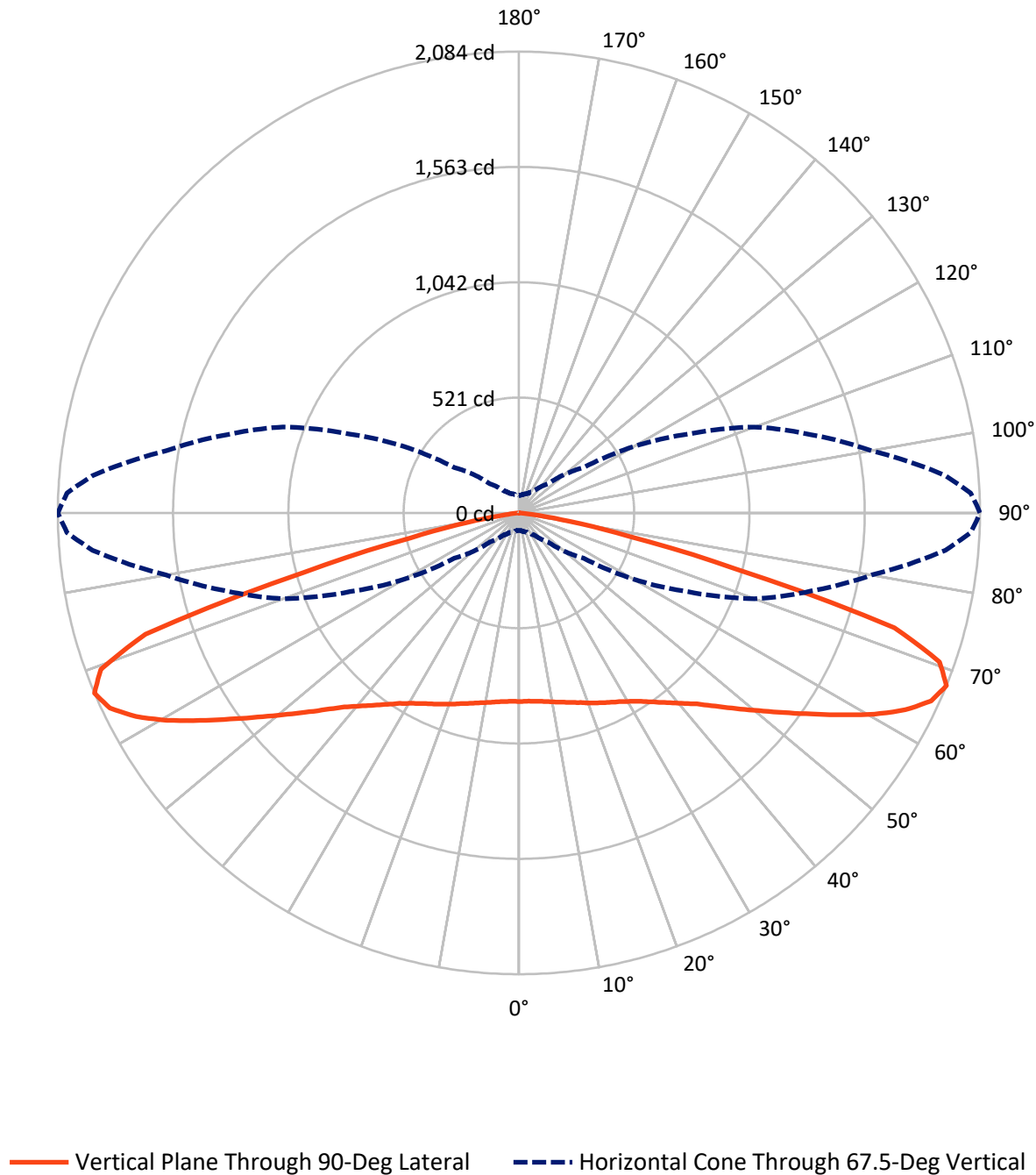
× Max cd
- - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.8 fc
Type I - Short - N/A

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Luminous Intensity Polar Plot



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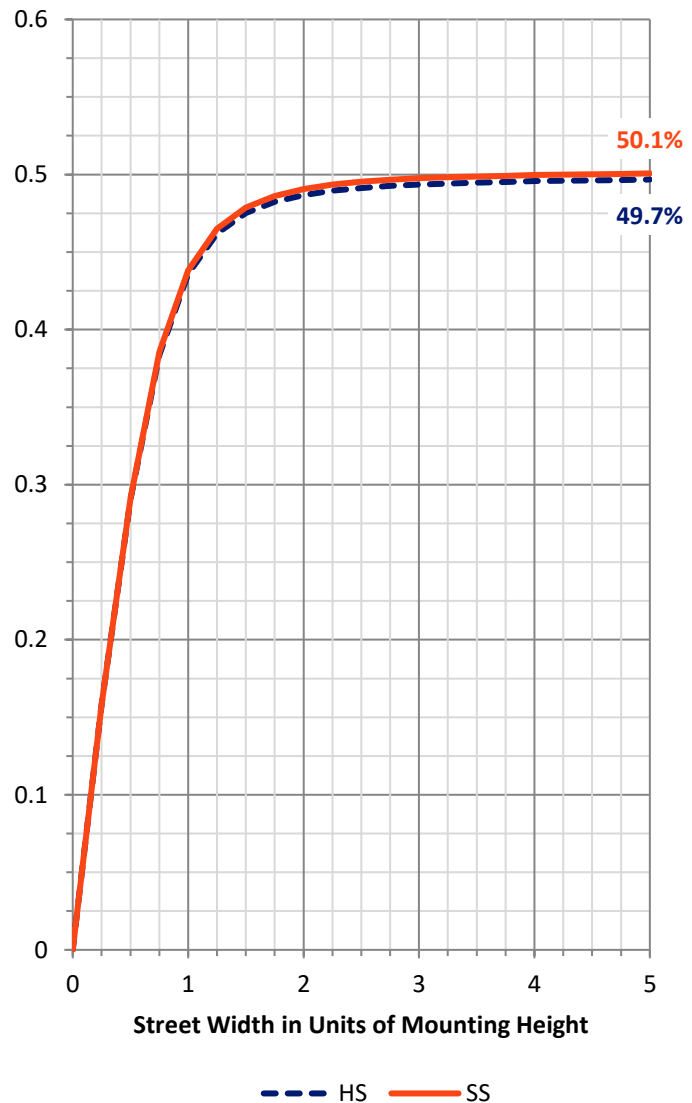
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1716.6	0.0	1716.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1716.6	0.0	1716.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	3433.2	0.0	3433.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.7	2.4
10°-20°	246.2	7.2
20°-30°	409.4	11.9
30°-40°	543.9	15.8
40°-50°	613.1	17.9
50°-60°	630.5	18.4
60°-70°	595.8	17.4
70°-80°	291.7	8.5
80°-90°	20.9	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°	3433.2	100.0
0°-180°	3433.2	100.0

Coefficient of Utilization



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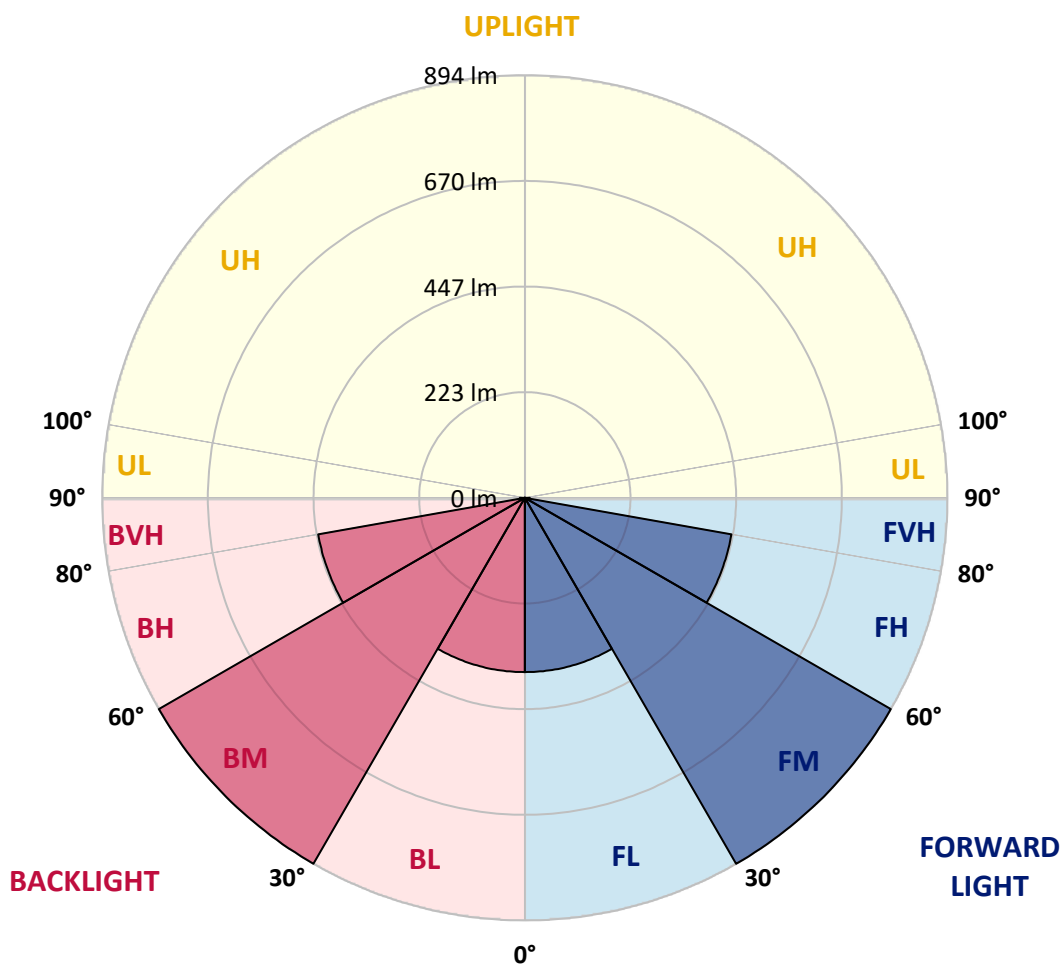
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	368.7	10.7			
FM	(30°-60°)	893.8	26.0			
FH	(60°-80°)	443.8	12.9			G0/660
FVH	(80°-90°)	10.4	0.3			G1/100
BL	(0°-30°)	368.7	10.7	B1/500		
BM	(30°-60°)	893.8	26.0	B1/1000		
BH	(60°-80°)	443.8	12.9	B1/500		G1/500
BVH	(80°-90°)	10.4	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°	851.9	851.9	851.9	851.9	851.9	851.9	851.9	851.9	851.9	851.9	851.9
2.5°	852.6	853.8	851.3	851.3	852.6	853.2	853.2	853.8	852.6	852.6	851.9
5°	852.6	853.2	851.9	851.9	853.2	855.1	854.5	855.7	855.7	855.1	855.1
7.5°	851.9	853.2	851.9	852.6	854.5	858.2	858.2	858.2	859.5	860.8	860.8
10°	851.3	852.6	853.2	853.8	856.4	862.0	863.3	863.9	865.8	867.7	867.7
12.5°	848.1	849.4	851.3	853.8	858.2	865.8	868.4	870.3	873.4	875.3	876.6
15°	843.7	844.3	848.8	853.8	860.8	870.3	875.3	878.5	882.9	885.5	887.4
17.5°	837.4	838.0	845.0	852.6	862.7	876.0	884.2	889.3	893.7	897.5	900.0
20°	829.1	831.0	839.3	851.3	865.8	881.7	893.7	902.6	907.0	910.8	914.6
22.5°	819.0	820.9	831.0	848.1	869.0	889.3	905.1	916.5	922.2	927.2	931.7
25°	803.8	806.3	818.4	840.5	870.3	897.5	917.7	932.3	937.4	943.7	947.5
27.5°	780.4	782.3	796.9	825.3	866.5	906.4	932.3	949.4	955.1	962.0	965.8
30°	743.7	747.5	765.2	800.7	857.0	913.3	949.4	966.5	973.4	980.4	985.5
32.5°	696.2	701.9	721.5	767.1	838.6	915.8	967.7	987.4	996.2	1003.8	1010.2
35°	637.4	643.1	666.5	724.1	809.5	910.8	986.1	1011.4	1022.2	1032.3	1039.9
37.5°	570.3	575.3	603.8	669.6	767.7	895.0	1000.7	1038.0	1052.6	1065.8	1076.0
40°	502.5	508.2	539.3	609.5	717.1	864.6	1007.0	1067.1	1085.5	1102.6	1115.2
42.5°	429.1	436.1	470.9	545.6	658.2	822.8	1001.9	1095.6	1118.4	1141.8	1160.8
45°	363.9	365.2	403.2	475.3	593.7	769.0	984.2	1122.8	1153.8	1186.7	1214.0
47.5°	301.3	303.8	336.7	408.2	526.6	708.2	951.9	1144.3	1193.7	1236.1	1276.0
50°	245.6	248.7	278.5	342.4	459.5	641.8	908.3	1157.0	1227.9	1285.5	1341.2
52.5°	200.0	203.8	228.5	284.8	391.8	572.2	854.5	1158.9	1258.9	1334.8	1408.9
55°	166.5	169.0	188.0	232.9	326.6	500.0	793.1	1149.4	1279.1	1379.1	1477.9
57.5°	140.5	143.0	156.3	191.8	267.7	426.0	718.4	1127.2	1289.9	1417.8	1547.5
60°	122.2	124.1	133.5	158.9	220.3	356.3	638.0	1088.0	1286.7	1441.8	1605.1
62.5°	108.9	109.5	117.7	135.4	181.7	290.5	547.5	1029.1	1260.8	1445.0	1644.3
65°	96.8	97.5	102.5	115.2	149.4	233.6	453.2	948.1	1211.4	1422.8	1650.0
67.5°	78.5	79.7	87.3	96.8	122.8	184.8	357.0	841.8	1134.2	1365.2	1617.8
70°	62.7	63.3	70.9	81.6	100.0	145.6	274.1	698.8	1013.3	1271.6	1534.2
72.5°	46.8	48.1	55.1	65.8	81.6	112.7	198.1	528.5	810.1	1072.2	1336.1
75°	37.3	38.0	40.5	50.6	63.3	85.4	133.5	320.3	488.0	663.3	819.0
77.5°	31.6	32.3	32.3	39.2	46.8	57.6	70.9	127.2	206.3	293.7	389.3
80°	26.0	27.2	24.7	29.1	33.5	33.5	32.9	60.8	97.5	138.0	181.0
82.5°	19.0	20.3	19.0	20.3	20.3	18.4	17.1	22.8	31.0	42.4	46.2
85°	13.3	13.9	15.2	13.9	13.3	10.8	8.2	6.3	3.8	4.4	6.3
87.5°	8.9	10.8	12.7	12.0	10.1	8.2	5.7	3.8	1.9	2.5	2.5
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°	851.9	851.9	851.9
2.5°	852.6	851.9	851.3
5°	855.7	855.1	854.5
7.5°	860.1	860.1	860.1
10°	867.1	868.4	868.4
12.5°	876.0	877.2	877.2
15°	886.7	887.4	888.6
17.5°	900.0	900.7	900.7
20°	915.8	915.2	916.5
22.5°	931.7	931.7	931.7
25°	948.1	948.1	948.1
27.5°	967.1	967.1	965.8
30°	988.0	988.0	988.0
32.5°	1013.3	1013.9	1014.6
35°	1045.6	1046.9	1048.8
37.5°	1082.3	1085.5	1087.4
40°	1126.0	1127.2	1130.4
42.5°	1174.7	1178.5	1179.1
45°	1235.5	1241.8	1244.3
47.5°	1307.0	1315.9	1320.3
50°	1386.7	1396.9	1403.2
52.5°	1473.5	1489.9	1497.5
55°	1565.9	1594.3	1602.6
57.5°	1670.3	1708.9	1720.3
60°	1772.8	1827.3	1845.6
62.5°	1860.2	1936.8	1959.5
65°	1921.6	2014.0	2047.5
67.5°	1934.2	2043.7	2083.6
70°	1858.3	1970.3	2016.5
72.5°	1615.9	1717.1	1774.7
75°	954.5	1027.2	1009.5
77.5°	479.1	500.0	503.2
80°	210.1	222.8	227.9
82.5°	51.9	53.2	60.1
85°	7.0	8.2	7.6
87.5°	2.5	2.5	3.2
90°	0.0	0.0	0.0

(END OF REPORT)