

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: P1212034

Luminaire Tested: **GKO-PB1C-835-U-T1**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1212034
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1C-835-U-T1
Description: GEKKO WALL PACK 2500LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE I DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

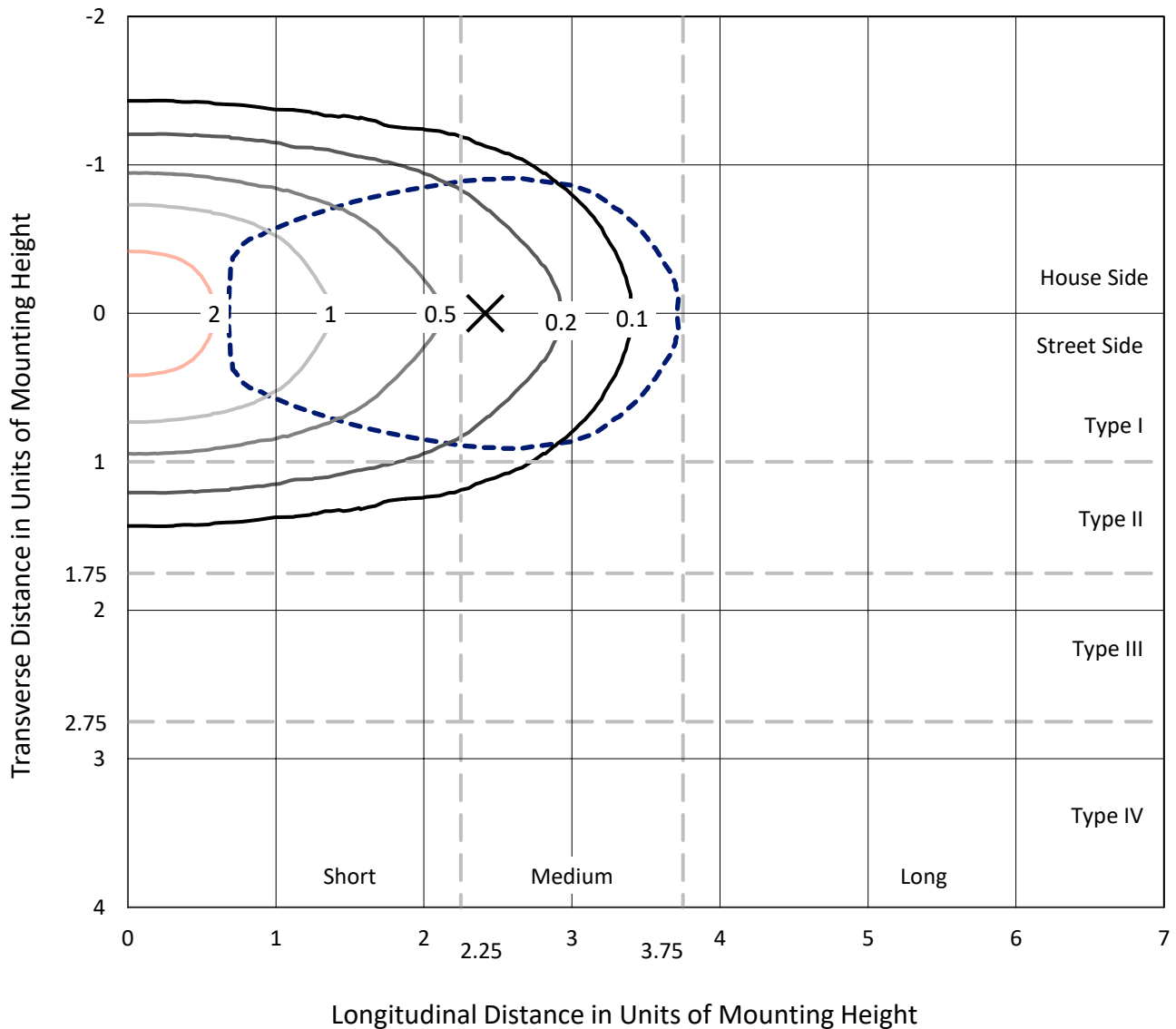
Lumens per Lamp: N/A
Luminaire Lumens: 2419.4 lumens
Efficiency: N/A
Efficacy: 142.3 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type I - Short
BUG Rating: B1 - U0 - G1

Input Watts (W): 17
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 13%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P1212034
 CATALOG NUMBER: GKO-PB1C-835-U-T1

Iso-Footcandle Lines of Horizontal Illumination

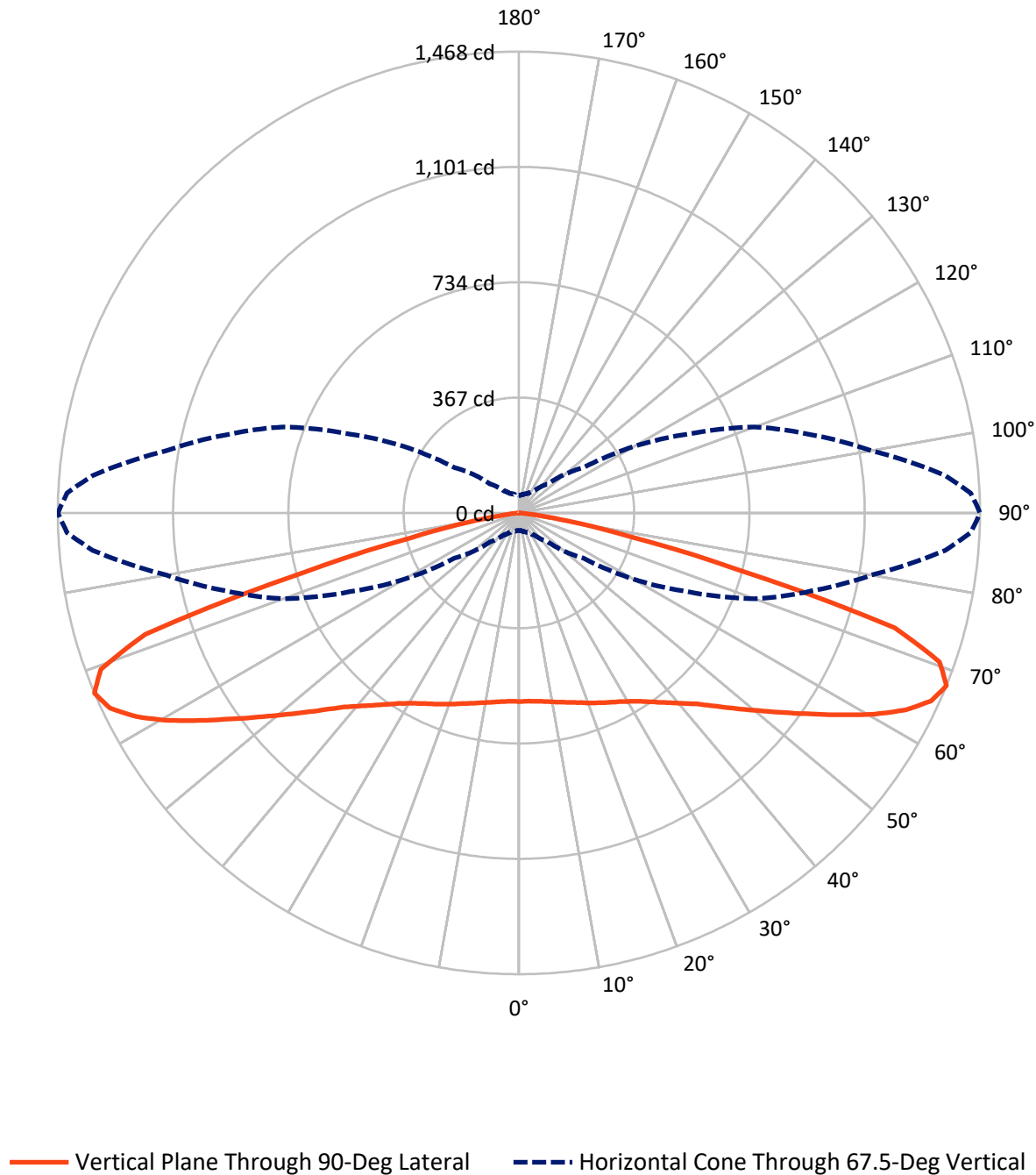
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.7 fc
 Type I - Short - N/A

REPORT NUMBER: P1212034
CATALOG NUMBER: GKO-PB1C-835-U-T1

Luminous Intensity Polar Plot



REPORT NUMBER: P1212034

CATALOG NUMBER: GKO-PB1C-835-U-T1

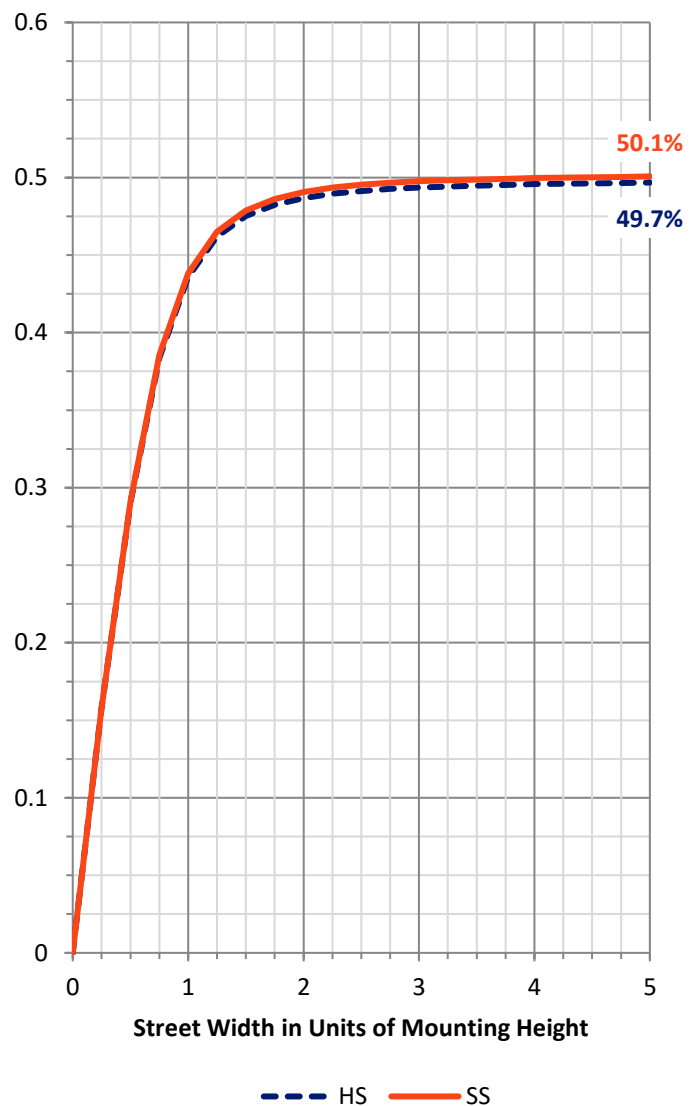
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1209.7	0.0	1209.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1209.7	0.0	1209.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	2419.4	0.0	2419.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.6	2.4
10°-20°	173.5	7.2
20°-30°	288.5	11.9
30°-40°	383.3	15.8
40°-50°	432.1	17.9
50°-60°	444.3	18.4
60°-70°	419.9	17.4
70°-80°	205.5	8.5
80°-90°	14.7	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°	2419.4	100.0
0°-180°	2419.4	100.0

Coefficient of Utilization



REPORT NUMBER: P1212034

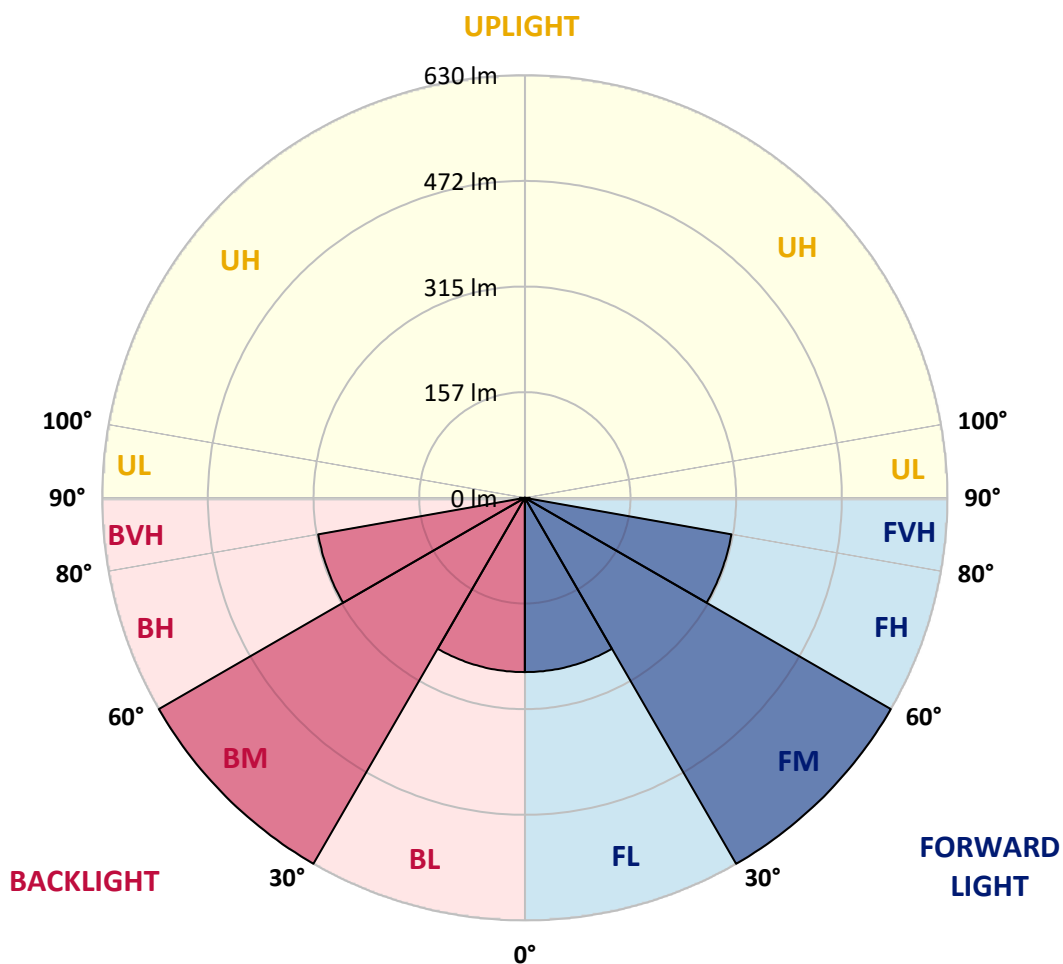
CATALOG NUMBER: GKO-PB1C-835-U-T1

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	259.8	10.7			
FM	(30°-60°)	629.8	26.0			
FH	(60°-80°)	312.7	12.9			G0/660
FVH	(80°-90°)	7.4	0.3			G0/10
BL	(0°-30°)	259.8	10.7	B1/500		
BM	(30°-60°)	629.8	26.0	B1/1000		
BH	(60°-80°)	312.7	12.9	B1/500		G1/500
BVH	(80°-90°)	7.4	0.3			G0/10
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





REPORT NUMBER: P1212034

CATALOG NUMBER: GKO-PB1C-835-U-T1

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	80°
0°	600.3	600.3	600.3	600.3	600.3	600.3	600.3	600.3	600.3	600.3	600.3
2.5°	600.8	601.7	599.9	599.9	600.8	601.2	601.2	601.7	600.8	600.8	600.3
5°	600.8	601.2	600.3	600.3	601.2	602.6	602.1	603.0	603.0	602.6	602.6
7.5°	600.3	601.2	600.3	600.8	602.1	604.8	604.8	604.8	605.7	606.6	606.6
10°	599.9	600.8	601.2	601.7	603.5	607.5	608.4	608.8	610.2	611.5	611.5
12.5°	597.7	598.6	599.9	601.7	604.8	610.2	611.9	613.3	615.5	616.9	617.7
15°	594.5	595.0	598.1	601.7	606.6	613.3	616.9	619.1	622.2	624.0	625.3
17.5°	590.1	590.5	595.4	600.8	607.9	617.3	623.1	626.7	629.8	632.5	634.2
20°	584.3	585.6	591.4	599.9	610.2	621.3	629.8	636.0	639.2	641.8	644.5
22.5°	577.2	578.5	585.6	597.7	612.4	626.7	637.8	645.8	649.9	653.4	656.5
25°	566.5	568.2	576.7	592.3	613.3	632.5	646.7	657.0	660.6	665.0	667.7
27.5°	549.9	551.3	561.5	581.6	610.6	638.7	657.0	669.0	673.0	678.0	680.6
30°	524.1	526.8	539.2	564.2	603.9	643.6	669.0	681.1	686.0	690.9	694.5
32.5°	490.6	494.6	508.5	540.6	591.0	645.4	682.0	695.8	702.0	707.4	711.9
35°	449.1	453.2	469.7	510.3	570.5	641.8	694.9	712.7	720.3	727.5	732.8
37.5°	401.9	405.4	425.5	471.9	541.0	630.7	705.2	731.5	741.7	751.1	758.2
40°	354.1	358.2	380.0	429.5	505.3	609.3	709.6	752.0	764.9	777.0	785.9
42.5°	302.4	307.3	331.8	384.5	463.9	579.8	706.1	772.1	788.1	804.6	818.0
45°	256.5	257.4	284.1	335.0	418.4	541.9	693.6	791.2	813.1	836.3	855.5
47.5°	212.3	214.1	237.3	287.7	371.1	499.1	670.8	806.4	841.2	871.1	899.2
50°	173.1	175.3	196.3	241.3	323.8	452.3	640.0	815.3	865.3	905.9	945.1
52.5°	140.9	143.6	161.0	200.7	276.1	403.2	602.1	816.7	887.1	940.7	992.8
55°	117.3	119.1	132.5	164.1	230.1	352.4	558.9	810.0	901.4	971.9	1041.5
57.5°	99.0	100.8	110.2	135.1	188.7	300.2	506.2	794.4	909.0	999.1	1090.5
60°	86.1	87.4	94.1	112.0	155.2	251.1	449.6	766.7	906.8	1016.0	1131.1
62.5°	76.7	77.2	83.0	95.4	128.0	204.7	385.8	725.2	888.5	1018.3	1158.8
65°	68.2	68.7	72.3	81.2	105.3	164.6	319.4	668.1	853.7	1002.7	1162.8
67.5°	55.3	56.2	61.6	68.2	86.5	130.2	251.6	593.2	799.3	962.1	1140.0
70°	44.2	44.6	50.0	57.5	70.5	102.6	193.1	492.4	714.1	896.1	1081.2
72.5°	33.0	33.9	38.8	46.4	57.5	79.4	139.6	372.4	570.9	755.6	941.6
75°	26.3	26.8	28.5	35.7	44.6	60.2	94.1	225.7	343.9	467.4	577.2
77.5°	22.3	22.7	22.7	27.7	33.0	40.6	50.0	89.7	145.4	207.0	274.3
80°	18.3	19.2	17.4	20.5	23.6	23.6	23.2	42.8	68.7	97.2	127.6
82.5°	13.4	14.3	13.4	14.3	14.3	12.9	12.0	16.1	21.9	29.9	32.6
85°	9.4	9.8	10.7	9.8	9.4	7.6	5.8	4.5	2.7	3.1	4.5
87.5°	6.2	7.6	8.9	8.5	7.1	5.8	4.0	2.7	1.3	1.8	1.8
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: P1212034
 CATALOG NUMBER: GKO-PB1C-835-U-T1

CANDELA DISTRIBUTION (continued):

	85°	87.5°	90°
0°	600.3	600.3	600.3
2.5°	600.8	600.3	599.9
5°	603.0	602.6	602.1
7.5°	606.1	606.1	606.1
10°	611.1	611.9	611.9
12.5°	617.3	618.2	618.2
15°	624.9	625.3	626.2
17.5°	634.2	634.7	634.7
20°	645.4	645.0	645.8
22.5°	656.5	656.5	656.5
25°	668.1	668.1	668.1
27.5°	681.5	681.5	680.6
30°	696.2	696.2	696.2
32.5°	714.1	714.5	715.0
35°	736.8	737.7	739.1
37.5°	762.7	764.9	766.3
40°	793.5	794.4	796.6
42.5°	827.8	830.5	830.9
45°	870.6	875.1	876.9
47.5°	921.0	927.3	930.4
50°	977.2	984.4	988.8
52.5°	1038.3	1049.9	1055.3
55°	1103.5	1123.5	1129.3
57.5°	1177.1	1204.3	1212.3
60°	1249.3	1287.7	1300.6
62.5°	1310.9	1364.8	1380.9
65°	1354.1	1419.2	1442.9
67.5°	1363.0	1440.2	1468.3
70°	1309.5	1388.5	1421.0
72.5°	1138.7	1210.1	1250.7
75°	672.6	723.9	711.4
77.5°	337.6	352.4	354.6
80°	148.1	157.0	160.6
82.5°	36.6	37.5	42.4
85°	4.9	5.8	5.4
87.5°	1.8	1.8	2.2
90°	0.0	0.0	0.0

(END OF REPORT)