

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: P1212015

Luminaire Tested: **GKO-PB1B-827-U-T1**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1212015
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1B-827-U-T1
Description: GEKKO WALL PACK 1500LM PACKAGE 80CRI 2700K FIXTURE w/ TYPE I DISTRIBUTION OPTIC
Light Source: (10) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

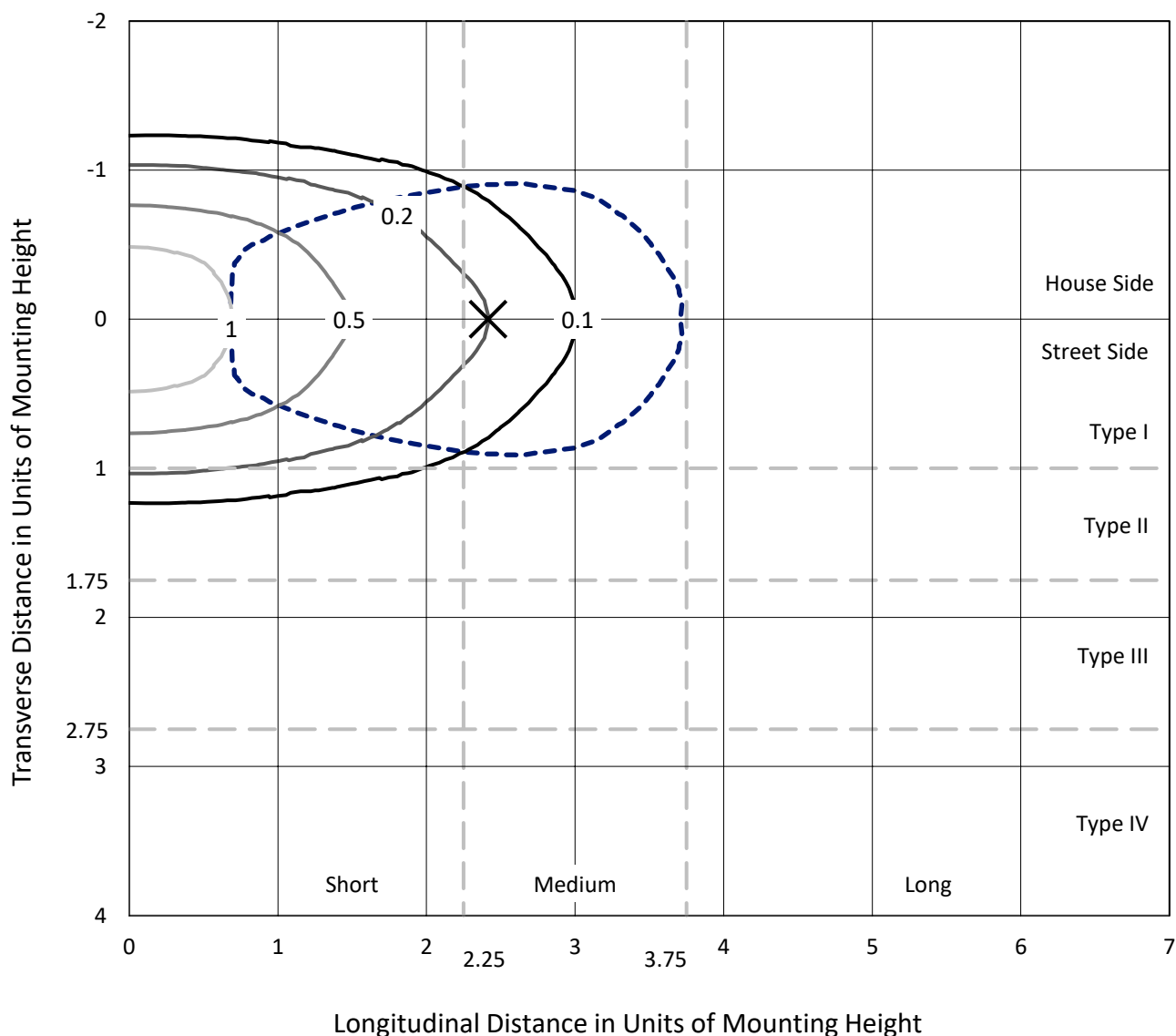
Lumens per Lamp: N/A
Luminaire Lumens: 1335.4 lumens
Efficiency: N/A
Efficacy: 143.6 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type I - Short
BUG Rating: B1 - U0 - G1

Input Watts (W): 9.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 14%
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

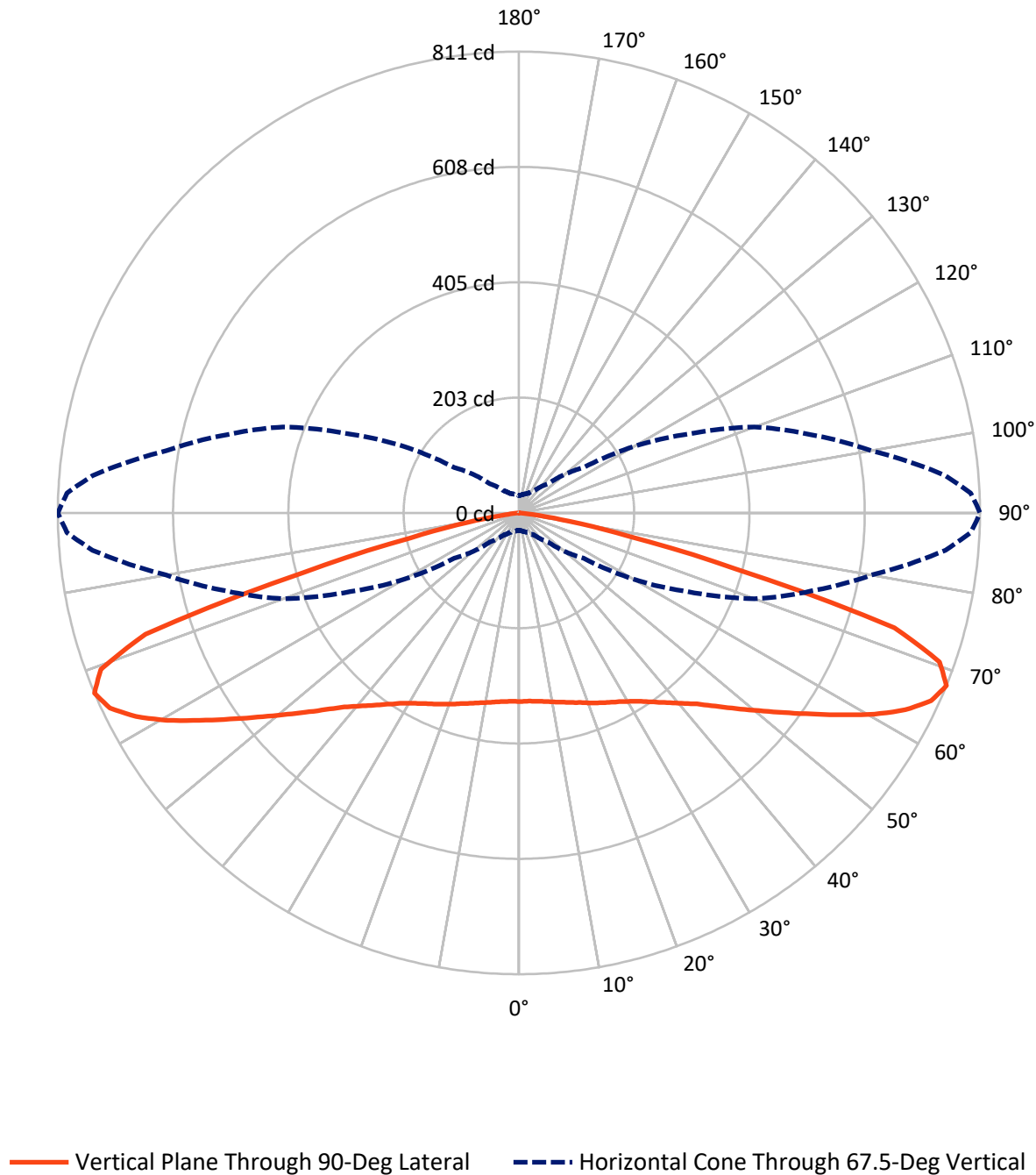
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.5 fc
 Type I - Short - N/A

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Luminous Intensity Polar Plot



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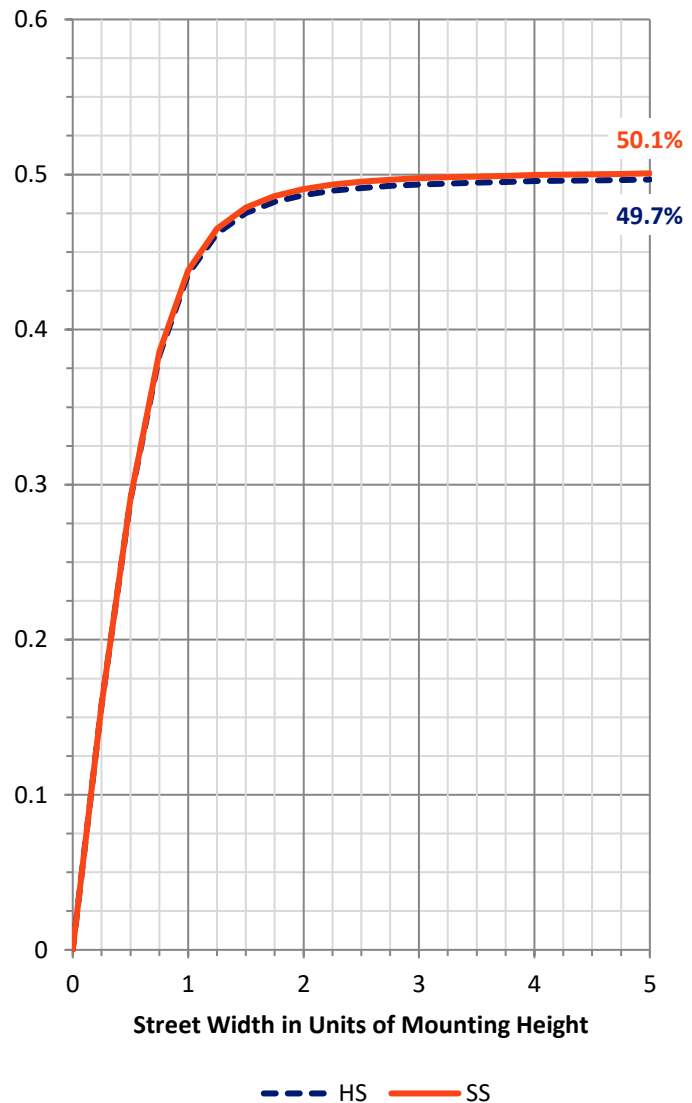
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	667.7	0.0	667.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	667.7	0.0	667.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	1335.4	0.0	1335.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.8	2.4
10°-20°	95.8	7.2
20°-30°	159.2	11.9
30°-40°	211.6	15.8
40°-50°	238.5	17.9
50°-60°	245.2	18.4
60°-70°	231.8	17.4
70°-80°	113.5	8.5
80°-90°	8.1	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°	1335.4	100.0
0°-180°	1335.4	100.0

Coefficient of Utilization



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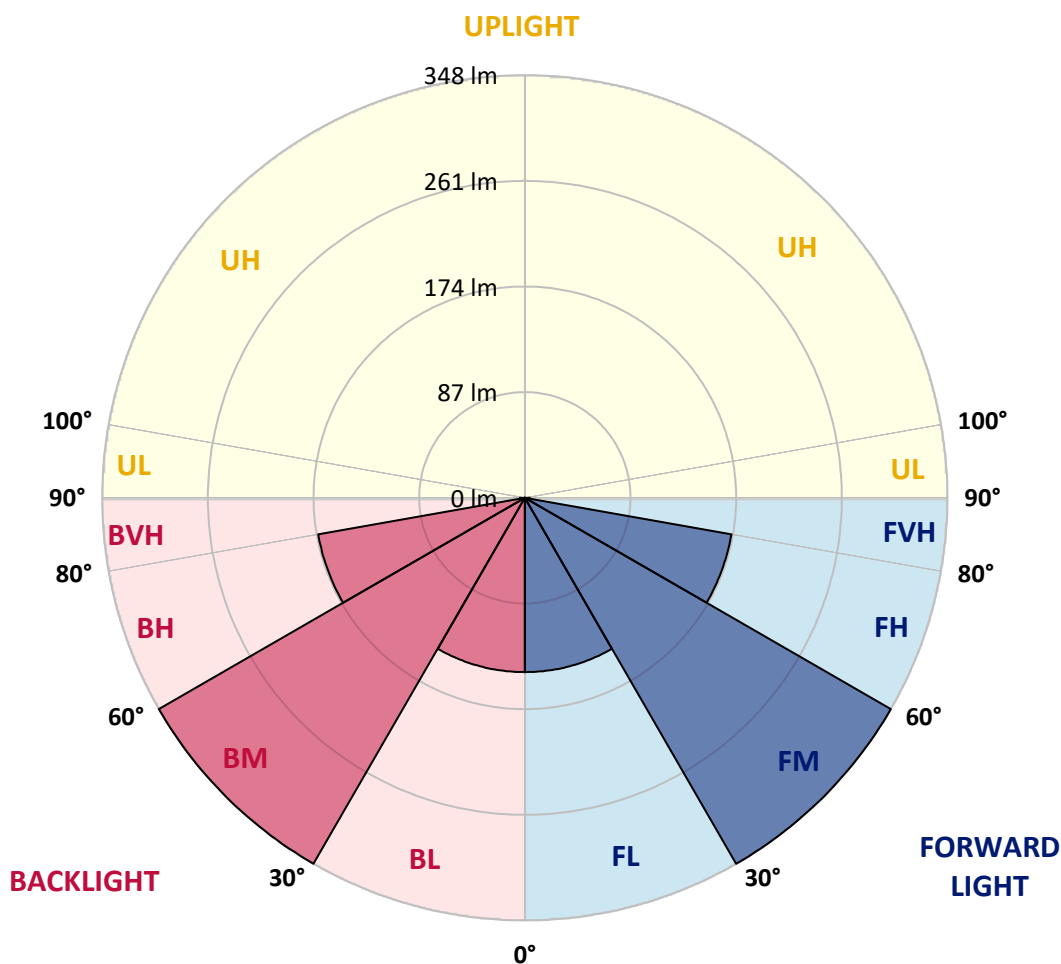
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	143.4	10.7			
FM	(30°-60°)	347.6	26.0			
FH	(60°-80°)	172.6	12.9			G0/660
FVH	(80°-90°)	4.1	0.3			G0/10
BL	(0°-30°)	143.4	10.7	B1/500		
BM	(30°-60°)	347.6	26.0	B1/1000		
BH	(60°-80°)	172.6	12.9	B1/500		G1/500
BVH	(80°-90°)	4.1	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	80°
0°	331.4	331.4	331.4	331.4	331.4	331.4	331.4	331.4	331.4	331.4	331.4
2.5°	331.6	332.1	331.1	331.1	331.6	331.9	331.9	332.1	331.6	331.6	331.4
5°	331.6	331.9	331.4	331.4	331.9	332.6	332.4	332.9	332.9	332.6	332.6
7.5°	331.4	331.9	331.4	331.6	332.4	333.8	333.8	333.8	334.3	334.8	334.8
10°	331.1	331.6	331.9	332.1	333.1	335.3	335.8	336.1	336.8	337.5	337.5
12.5°	329.9	330.4	331.1	332.1	333.8	336.8	337.8	338.5	339.7	340.5	341.0
15°	328.2	328.4	330.1	332.1	334.8	338.5	340.5	341.7	343.4	344.4	345.2
17.5°	325.7	326.0	328.7	331.6	335.6	340.7	343.9	345.9	347.6	349.1	350.1
20°	322.5	323.3	326.5	331.1	336.8	342.9	347.6	351.1	352.8	354.3	355.7
22.5°	318.6	319.3	323.3	329.9	338.0	345.9	352.1	356.5	358.7	360.7	362.4
25°	312.7	313.6	318.3	326.9	338.5	349.1	357.0	362.6	364.6	367.1	368.5
27.5°	303.6	304.3	310.0	321.0	337.0	352.5	362.6	369.3	371.5	374.2	375.7
30°	289.3	290.8	297.6	311.4	333.3	355.3	369.3	375.9	378.6	381.4	383.3
32.5°	270.8	273.0	280.7	298.4	326.2	356.2	376.4	384.1	387.5	390.5	392.9
35°	247.9	250.1	259.2	281.6	314.9	354.3	383.6	393.4	397.6	401.5	404.5
37.5°	221.8	223.8	234.9	260.5	298.6	348.1	389.2	403.8	409.4	414.6	418.5
40°	195.5	197.7	209.8	237.1	278.9	336.3	391.7	415.1	422.2	428.9	433.8
42.5°	166.9	169.6	183.2	212.2	256.0	320.0	389.7	426.2	435.0	444.1	451.5
45°	141.6	142.1	156.8	184.9	230.9	299.1	382.8	436.7	448.8	461.6	472.2
47.5°	117.2	118.2	131.0	158.8	204.8	275.5	370.3	445.1	464.3	480.8	496.3
50°	95.5	96.8	108.3	133.2	178.7	249.6	353.3	450.0	477.6	500.0	521.7
52.5°	77.8	79.3	88.9	110.8	152.4	222.6	332.4	450.8	489.7	519.2	548.0
55°	64.7	65.7	73.1	90.6	127.0	194.5	308.5	447.1	497.6	536.5	574.9
57.5°	54.7	55.6	60.8	74.6	104.1	165.7	279.4	438.5	501.7	551.5	601.9
60°	47.5	48.3	51.9	61.8	85.7	138.6	248.2	423.2	500.5	560.8	624.3
62.5°	42.3	42.6	45.8	52.7	70.7	113.0	213.0	400.3	490.4	562.1	639.6
65°	37.7	37.9	39.9	44.8	58.1	90.8	176.3	368.8	471.2	553.4	641.8
67.5°	30.5	31.0	34.0	37.7	47.8	71.9	138.9	327.4	441.2	531.0	629.3
70°	24.4	24.6	27.6	31.8	38.9	56.6	106.6	271.8	394.2	494.6	596.8
72.5°	18.2	18.7	21.4	25.6	31.8	43.8	77.1	205.6	315.1	417.0	519.7
75°	14.5	14.8	15.8	19.7	24.6	33.2	51.9	124.6	189.8	258.0	318.6
77.5°	12.3	12.6	12.6	15.3	18.2	22.4	27.6	49.5	80.3	114.2	151.4
80°	10.1	10.6	9.6	11.3	13.0	13.0	12.8	23.6	37.9	53.7	70.4
82.5°	7.4	7.9	7.4	7.9	7.9	7.1	6.6	8.9	12.1	16.5	18.0
85°	5.2	5.4	5.9	5.4	5.2	4.2	3.2	2.5	1.5	1.7	2.5
87.5°	3.4	4.2	4.9	4.7	3.9	3.2	2.2	1.5	0.7	1.0	1.0
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°	331.4	331.4	331.4
2.5°	331.6	331.4	331.1
5°	332.9	332.6	332.4
7.5°	334.6	334.6	334.6
10°	337.3	337.8	337.8
12.5°	340.7	341.2	341.2
15°	344.9	345.2	345.7
17.5°	350.1	350.3	350.3
20°	356.2	356.0	356.5
22.5°	362.4	362.4	362.4
25°	368.8	368.8	368.8
27.5°	376.2	376.2	375.7
30°	384.3	384.3	384.3
32.5°	394.2	394.4	394.6
35°	406.7	407.2	407.9
37.5°	421.0	422.2	423.0
40°	438.0	438.5	439.7
42.5°	456.9	458.4	458.7
45°	480.6	483.0	484.0
47.5°	508.4	511.8	513.6
50°	539.4	543.3	545.8
52.5°	573.1	579.5	582.5
55°	609.1	620.2	623.4
57.5°	649.7	664.7	669.1
60°	689.6	710.8	717.9
62.5°	723.6	753.3	762.2
65°	747.4	783.4	796.4
67.5°	752.4	795.0	810.5
70°	722.8	766.4	784.4
72.5°	628.5	667.9	690.3
75°	371.3	399.6	392.7
77.5°	186.4	194.5	195.7
80°	81.7	86.7	88.6
82.5°	20.2	20.7	23.4
85°	2.7	3.2	3.0
87.5°	1.0	1.0	1.2
90°	0.0	0.0	0.0

(END OF REPORT)