

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: P1211955

Luminaire Tested: **GKO-PB1B-827-U-T2U**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211955
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-T2U
Description: GEKKO WALL PACK 1500LM PACKAGE 80CRI 2700K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (10) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

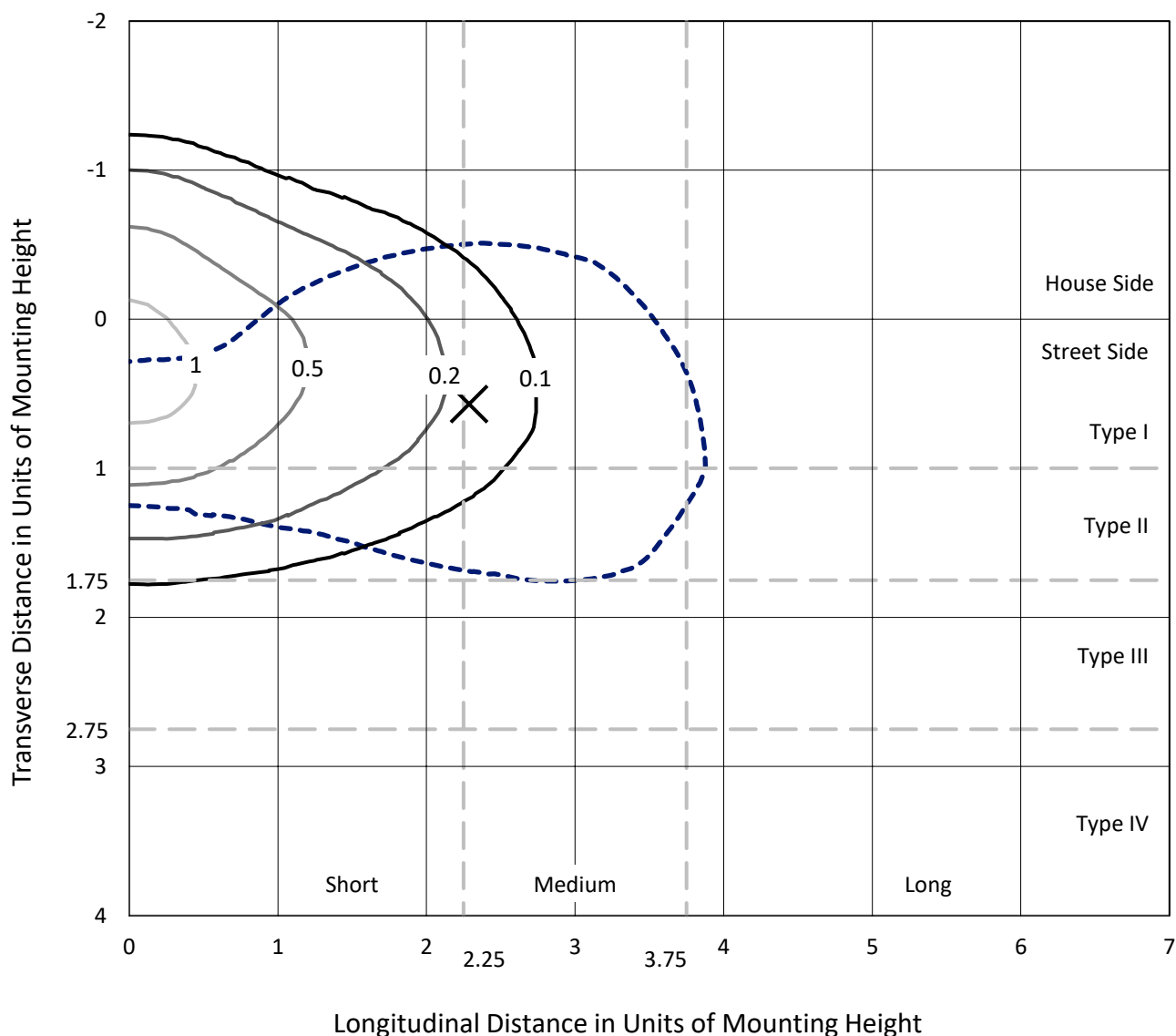
Lumens per Lamp: N/A
Luminaire Lumens: 1272.6 lumens
Efficiency: N/A
Efficacy: 136.8 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

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

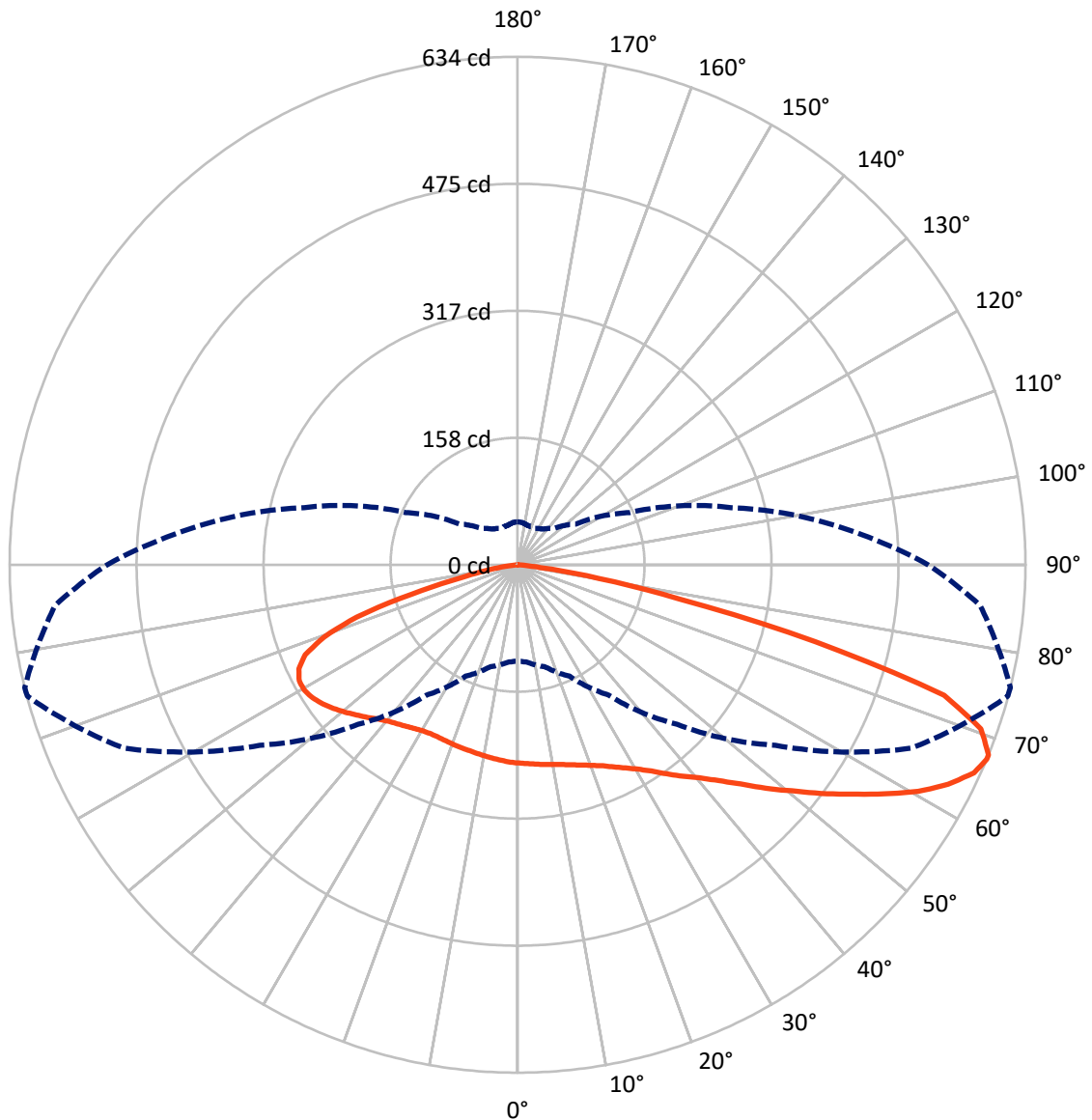
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.2 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 76-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	419.9	0.0	419.9
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	852.8	0.0	852.8
	% Fixture	67.0	0.0	67.0
Total	Lumens	1272.6	0.0	1272.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.8	1.9
10°-20°	72.8	5.7
20°-30°	125.2	9.8
30°-40°	179.8	14.1
40°-50°	228.1	17.9
50°-60°	250.5	19.7
60°-70°	242.9	19.1
70°-80°	134.1	10.5
80°-90°	15.6	1.2
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°	1272.6	100.0
0°-180°	1272.6	100.0

Coefficient of Utilization



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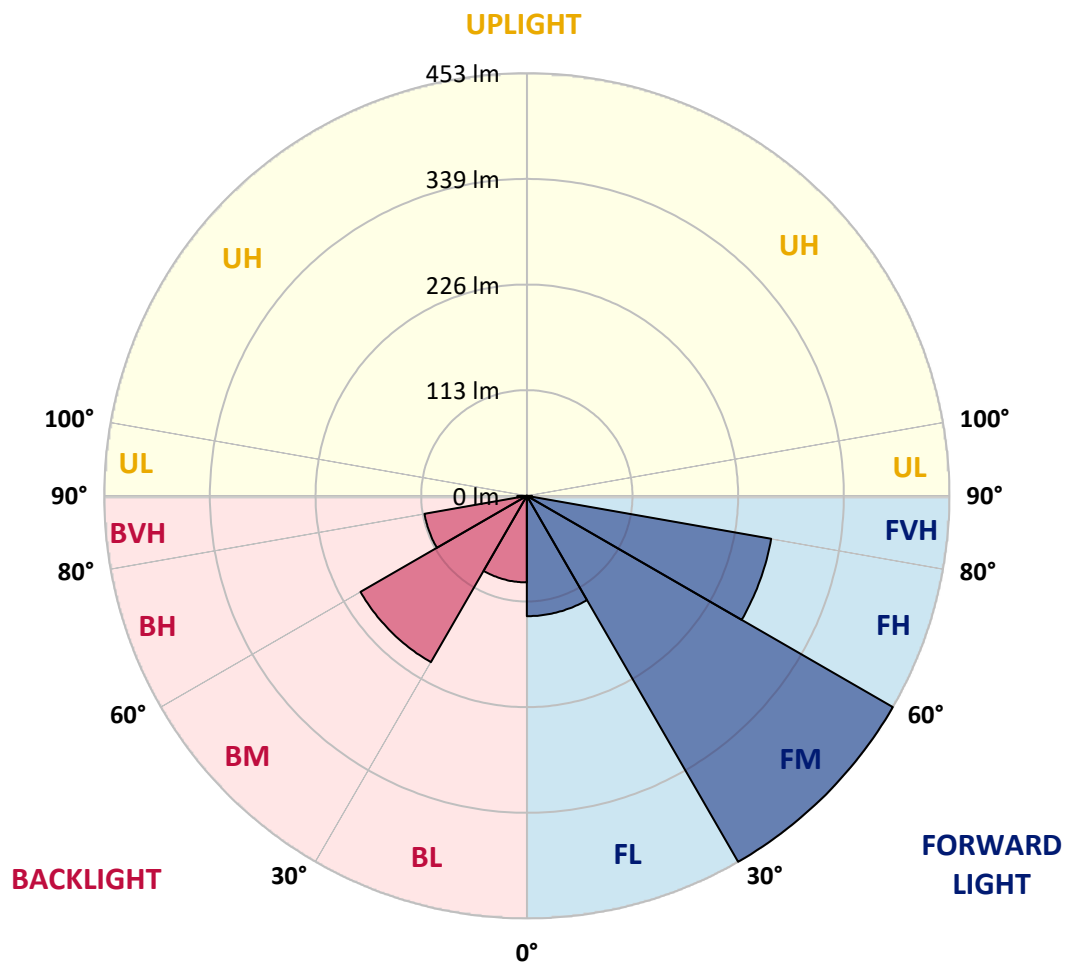
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	128.9	10.1			
FM	(30°-60°)	452.6	35.6			
FH	(60°-80°)	265.7	20.9			G0/660
FVH	(80°-90°)	5.5	0.4			G0/10
BL	(0°-30°)	92.8	7.3	B0/110		
BM	(30°-60°)	205.7	16.2	B0/220		
BH	(60°-80°)	111.3	8.7	B1/500		G1/500
BVH	(80°-90°)	10.1	0.8			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 II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	247.4	247.4	247.4	247.4	247.4	247.4	247.4	247.4	247.4	247.4	247.4
2.5°	254.8	254.5	254.3	254.3	253.3	252.3	251.3	250.6	248.6	248.4	247.4
5°	262.4	262.4	261.7	261.4	259.9	257.5	255.3	253.1	250.3	249.9	247.6
7.5°	272.3	272.3	271.0	270.0	267.8	263.9	259.9	256.0	252.1	251.6	248.1
10°	284.8	284.8	283.8	281.6	276.9	271.8	265.4	259.2	254.0	253.5	248.6
12.5°	297.9	298.1	296.6	293.4	287.8	279.9	272.0	263.1	256.5	255.8	249.6
15°	311.1	311.4	310.4	307.0	299.3	289.7	279.1	268.6	259.7	259.0	251.1
17.5°	324.2	324.7	323.7	319.8	310.9	300.6	287.5	274.2	263.6	262.7	253.5
20°	336.5	336.5	336.5	332.1	323.5	311.6	296.6	281.1	268.1	267.1	256.5
22.5°	347.6	348.1	348.8	346.3	336.5	323.5	307.2	288.7	273.7	272.5	260.2
25°	358.7	358.9	360.9	359.1	349.5	336.0	318.5	298.3	280.6	279.4	264.6
27.5°	371.5	372.2	373.4	372.7	361.9	348.6	331.1	308.9	288.3	287.0	270.0
30°	386.5	386.5	387.2	386.0	375.1	361.9	343.6	320.0	297.9	295.9	276.7
32.5°	398.8	400.0	399.5	399.0	387.7	374.4	356.4	332.3	308.9	306.5	285.8
35°	410.3	410.6	410.3	410.8	399.5	387.0	370.0	346.6	321.2	320.3	297.4
37.5°	417.0	417.5	418.7	420.2	410.1	398.3	383.5	362.3	336.5	334.8	311.1
40°	420.2	420.9	427.6	429.8	419.0	409.1	397.8	376.6	351.3	349.3	324.9
42.5°	425.1	431.0	434.5	435.0	425.6	417.0	410.1	392.9	369.5	367.8	343.4
45°	408.9	406.7	415.8	426.3	425.9	422.2	421.9	411.1	391.9	390.2	364.3
47.5°	388.4	386.7	391.6	407.1	418.2	424.4	433.5	432.5	419.0	416.5	388.7
50°	339.7	342.7	366.8	387.9	407.1	425.1	443.3	454.9	445.3	443.3	414.5
52.5°	294.2	296.1	312.6	363.1	392.9	422.9	451.9	478.5	476.1	473.9	442.8
55°	262.2	264.1	290.5	322.7	371.7	411.6	457.6	500.9	507.3	505.1	472.9
57.5°	228.7	231.9	249.9	278.2	343.4	392.9	459.6	523.6	541.3	539.3	501.7
60°	196.4	200.9	211.4	242.2	308.4	370.7	454.4	541.8	574.0	574.0	531.5
62.5°	166.6	169.1	180.2	208.0	264.1	342.4	441.4	553.4	604.1	602.8	557.5
65°	142.0	143.3	152.1	176.0	227.0	311.1	418.7	552.6	625.5	625.7	574.8
67°	119.9	121.8	131.7	153.4	198.6	281.6	392.6	541.5	633.1	633.6	579.0
67.5°	112.2	114.5	125.3	147.7	192.7	273.5	386.5	536.9	632.6	633.6	577.7
70°	77.3	77.8	96.0	121.6	158.5	230.4	343.9	504.4	613.9	613.2	550.9
72.5°	49.2	48.5	66.0	88.9	127.5	186.6	290.2	447.5	557.1	556.3	485.7
75°	32.7	33.5	44.6	63.5	89.6	144.2	226.2	337.7	387.0	384.0	320.5
77.5°	23.4	22.9	27.6	45.8	60.1	87.6	122.8	179.7	205.5	205.5	176.0
80°	12.8	13.0	15.0	25.4	34.0	34.2	46.0	90.1	100.4	102.6	85.4
82.5°	3.7	3.9	5.4	8.6	9.4	10.3	16.0	25.8	27.1	28.6	23.1
85°	0.0	0.0	0.0	0.2	1.0	1.2	1.2	1.5	2.5	2.5	2.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.5	1.0	1.0	1.2
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	247.4	247.4	247.4	247.4	247.4	247.4	247.4	247.4	247.4	247.4	247.4
2.5°	247.1	247.4	246.4	245.2	244.2	243.7	242.2	241.0	241.7	242.5	242.5
5°	246.9	246.7	244.7	242.5	241.0	240.0	237.5	235.8	236.1	236.8	236.6
7.5°	246.9	245.9	243.2	240.0	237.5	235.6	232.4	230.4	230.2	230.6	230.2
10°	247.1	245.4	241.7	237.3	233.8	230.9	227.0	224.7	224.0	224.2	223.8
12.5°	247.6	244.9	240.3	234.6	230.2	226.2	221.8	219.1	218.6	219.1	219.1
15°	248.4	244.9	239.0	232.1	226.2	221.8	217.4	214.9	214.9	215.1	215.1
17.5°	249.9	245.7	238.0	229.4	222.3	217.4	213.4	211.7	211.9	212.7	212.7
20°	251.3	246.7	237.0	226.7	218.8	213.2	210.0	208.7	209.7	210.7	210.7
22.5°	253.5	247.9	236.1	224.2	214.9	209.2	206.5	205.5	206.5	207.8	207.3
25°	257.0	250.1	235.3	222.0	211.2	205.0	202.3	201.4	201.8	202.8	202.8
27.5°	260.9	252.8	235.1	219.3	206.8	200.1	196.9	195.4	195.4	195.7	195.9
30°	267.6	257.5	236.1	217.4	202.8	195.0	190.8	188.6	188.3	189.3	189.3
32.5°	275.5	263.9	238.5	215.6	198.9	188.8	183.1	181.4	180.9	181.7	180.9
35°	284.3	271.0	241.7	215.4	195.0	182.2	175.8	173.8	172.3	171.8	171.3
37.5°	296.9	280.9	244.9	214.2	191.0	175.0	168.1	163.9	162.2	161.7	161.7
40°	309.2	290.5	248.9	212.2	186.3	167.9	158.0	153.4	152.6	152.6	152.6
42.5°	324.7	303.0	254.3	211.0	180.7	160.7	147.2	141.8	141.8	141.8	141.5
45°	343.9	319.5	261.2	210.5	175.3	152.1	135.6	128.5	128.2	128.0	127.8
47.5°	366.3	336.7	267.8	209.2	168.9	141.8	122.3	114.5	112.7	112.2	111.5
50°	389.4	355.5	275.0	207.5	161.2	129.7	109.8	100.7	97.0	95.8	96.2
52.5°	414.0	373.7	281.9	205.0	152.1	117.7	97.0	87.4	83.7	82.2	82.0
55°	438.2	392.1	288.3	201.8	142.3	105.4	86.2	76.8	73.6	73.1	73.1
57.5°	462.5	409.9	293.2	197.2	131.4	94.5	76.8	69.2	67.0	67.9	67.9
60°	484.7	425.4	295.6	190.8	120.6	84.7	69.4	63.8	62.8	65.2	65.0
62.5°	504.6	435.7	294.4	181.4	110.0	76.3	63.8	59.6	59.8	62.8	63.0
65°	514.2	437.4	287.3	168.6	98.2	69.2	57.8	53.9	54.4	57.6	58.3
67°	512.0	430.8	275.5	154.1	88.6	63.8	54.2	50.2	50.5	53.2	53.4
67.5°	509.5	427.6	272.3	149.7	86.2	62.8	53.2	49.5	50.0	52.4	52.4
70°	476.8	395.1	242.7	127.0	74.6	55.9	48.5	46.0	46.5	48.0	48.0
72.5°	416.7	342.2	196.4	101.9	63.3	49.5	43.8	42.3	42.3	42.3	41.1
75°	265.9	214.4	128.5	78.0	52.2	42.3	39.4	37.7	36.7	38.2	37.7
77.5°	147.0	112.0	67.0	44.8	37.7	35.2	34.2	33.5	33.2	36.7	35.7
80°	69.7	55.4	37.7	25.6	21.7	26.1	29.5	29.0	34.7	47.5	47.8
82.5°	22.2	18.2	15.3	14.0	14.5	18.7	22.9	26.3	45.0	51.0	50.2
85°	2.7	2.5	1.7	5.7	9.6	13.8	17.7	34.2	41.4	34.5	32.5
87.5°	1.0	1.0	1.0	3.9	7.4	10.6	16.0	34.5	25.4	23.1	21.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)