

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: P1211975

Luminaire Tested: **GKO-PB1B-835-U-T2U**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211975
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1B-835-U-T2U
Description: GEKKO WALL PACK 1500LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1343.2 lumens
Efficiency: N/A
Efficacy: 144.4 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

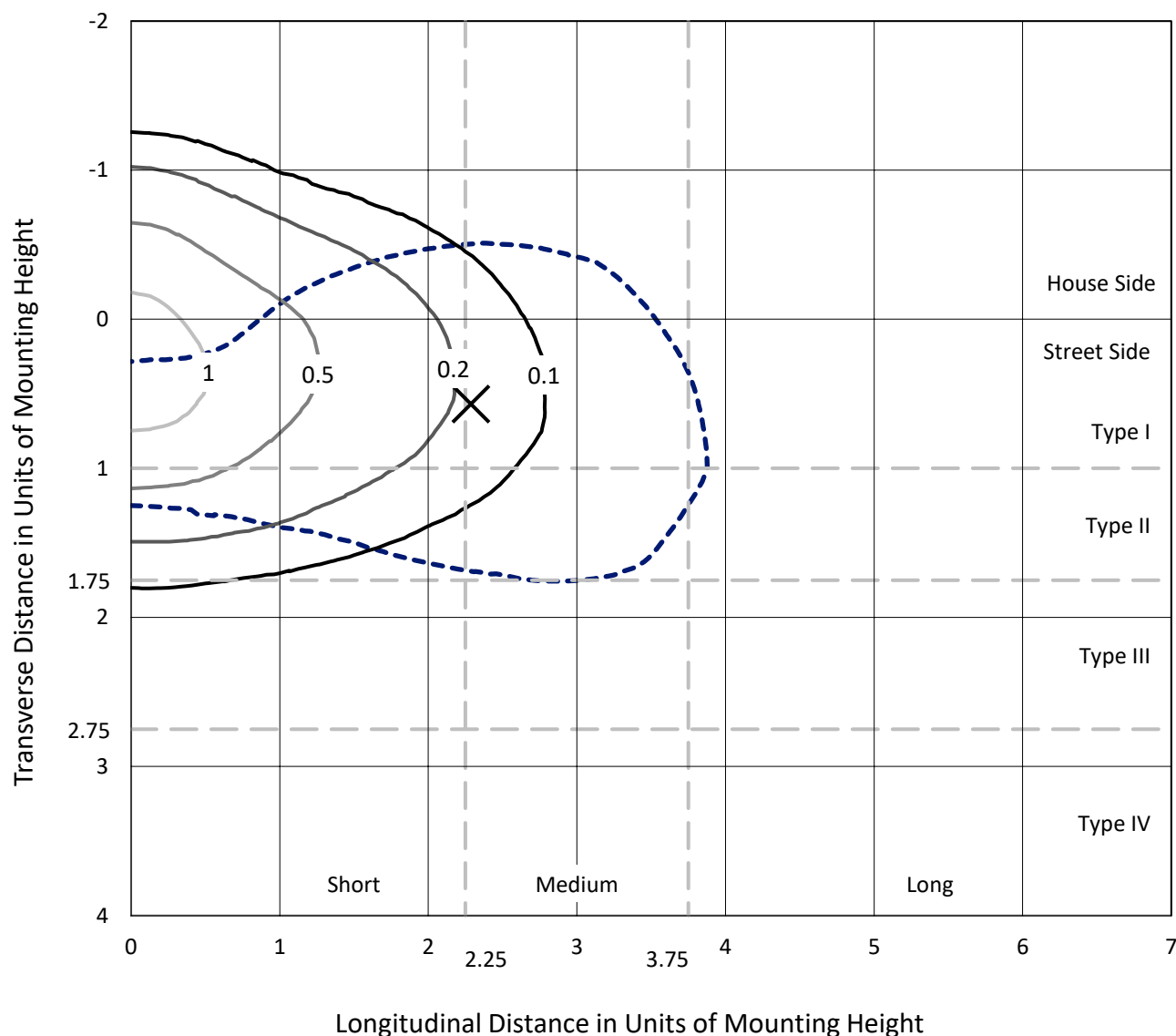
Input Watts (W): 9.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 14%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

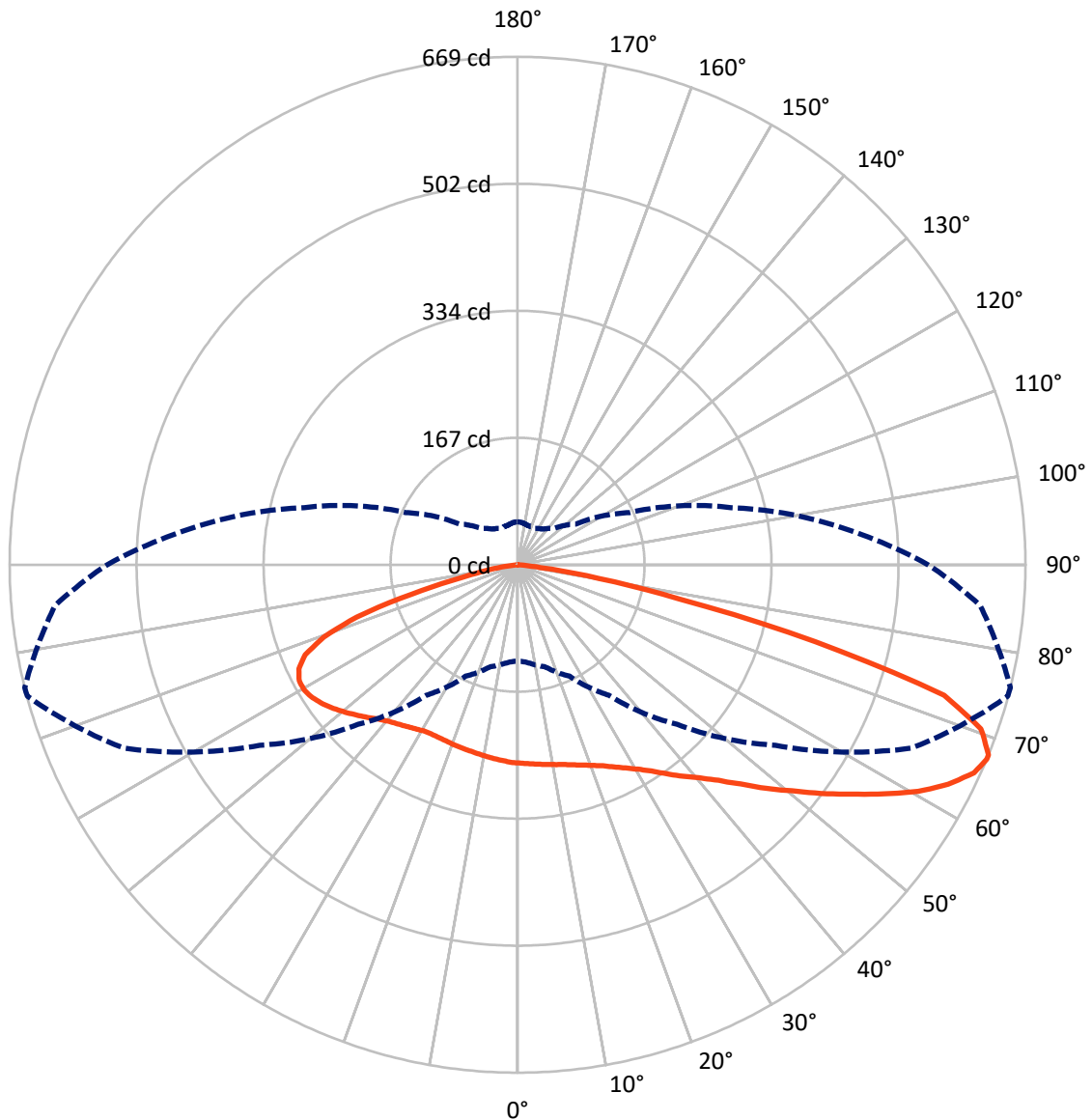
--- 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.3 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	443.1	0.0	443.1
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	900.0	0.0	900.0
	% Fixture	67.0	0.0	67.0
Total	Lumens	1343.2	0.0	1343.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.1	1.9
10°-20°	76.8	5.7
20°-30°	132.1	9.8
30°-40°	189.8	14.1
40°-50°	240.7	17.9
50°-60°	264.3	19.7
60°-70°	256.4	19.1
70°-80°	141.5	10.5
80°-90°	16.4	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°	1343.2	100.0
0°-180°	1343.2	100.0

Coefficient of Utilization



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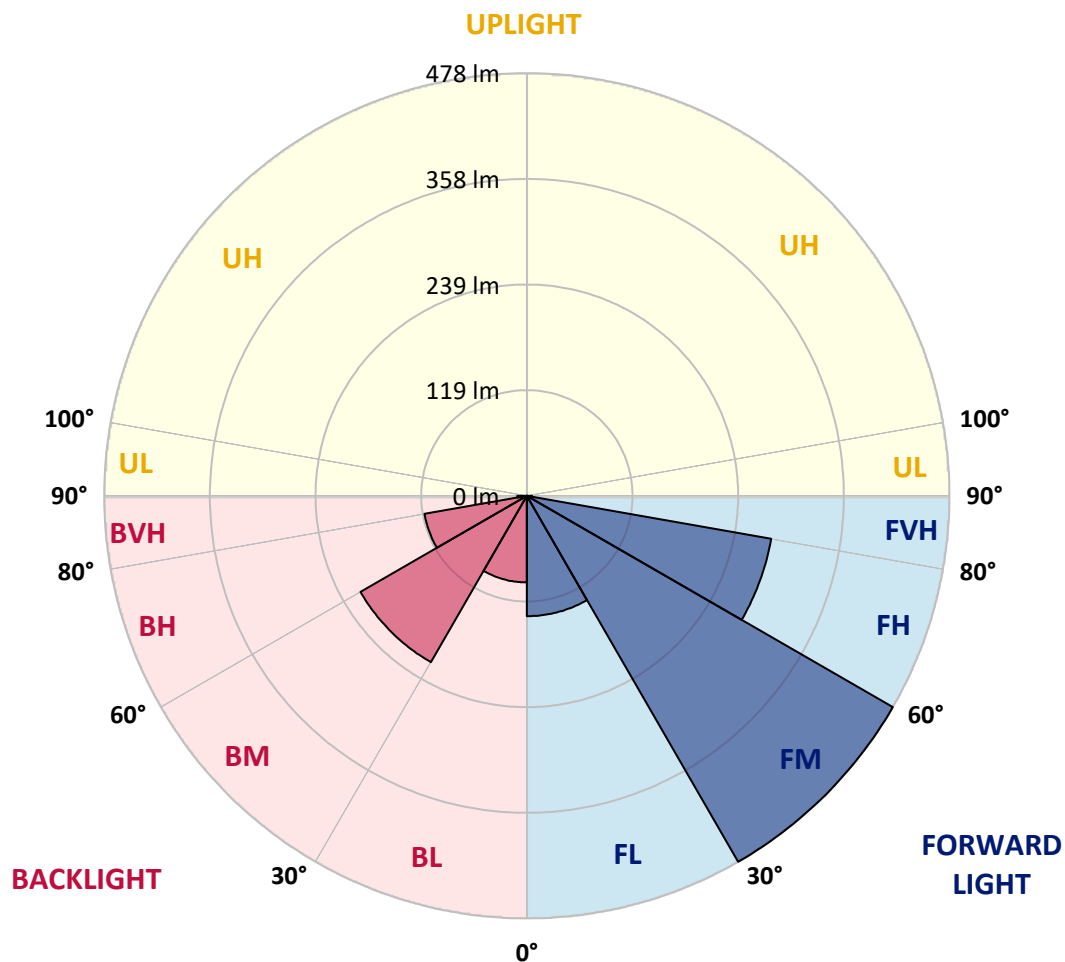
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	136.1	10.1			
FM	(30°-60°)	477.7	35.6			
FH	(60°-80°)	280.4	20.9			G0/660
FVH	(80°-90°)	5.8	0.4			G0/10
BL	(0°-30°)	97.9	7.3	B0/110		
BM	(30°-60°)	217.2	16.2	B0/220		
BH	(60°-80°)	117.5	8.7	B1/500		G1/500
BVH	(80°-90°)	10.6	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°	261.1	261.1	261.1	261.1	261.1	261.1	261.1	261.1	261.1	261.1	261.1
2.5°	268.9	268.6	268.4	268.4	267.3	266.3	265.3	264.5	262.4	262.1	261.1
5°	276.9	276.9	276.2	275.9	274.3	271.8	269.4	267.1	264.2	263.7	261.4
7.5°	287.3	287.3	286.0	285.0	282.7	278.5	274.3	270.2	266.0	265.5	261.9
10°	300.6	300.6	299.6	297.2	292.3	286.8	280.1	273.6	268.1	267.6	262.4
12.5°	314.4	314.6	313.1	309.7	303.7	295.4	287.1	277.7	270.7	269.9	263.4
15°	328.4	328.6	327.6	324.0	315.9	305.8	294.6	283.4	274.1	273.3	265.0
17.5°	342.2	342.7	341.6	337.5	328.1	317.2	303.4	289.4	278.2	277.2	267.6
20°	355.1	355.1	355.1	350.5	341.4	328.9	313.1	296.7	282.9	281.9	270.7
22.5°	366.8	367.4	368.1	365.5	355.1	341.4	324.2	304.7	288.9	287.6	274.6
25°	378.5	378.8	380.9	379.0	368.9	354.6	336.2	314.9	296.2	294.9	279.3
27.5°	392.0	392.8	394.1	393.3	381.9	367.9	349.4	326.1	304.2	302.9	285.0
30°	407.9	407.9	408.7	407.4	395.9	381.9	362.7	337.7	314.4	312.3	292.0
32.5°	420.9	422.2	421.7	421.1	409.2	395.2	376.2	350.7	326.1	323.5	301.6
35°	433.1	433.3	433.1	433.6	421.7	408.4	390.5	365.8	339.0	338.0	313.8
37.5°	440.1	440.6	441.9	443.5	432.8	420.4	404.8	382.4	355.1	353.3	328.4
40°	443.5	444.3	451.3	453.6	442.2	431.8	419.8	397.5	370.7	368.7	342.9
42.5°	448.7	454.9	458.5	459.1	449.2	440.1	432.8	414.6	390.0	388.1	362.4
45°	431.5	429.2	438.8	450.0	449.5	445.6	445.3	433.9	413.6	411.8	384.5
47.5°	410.0	408.1	413.3	429.7	441.4	447.9	457.5	456.5	442.2	439.6	410.2
50°	358.5	361.6	387.1	409.4	429.7	448.7	467.9	480.1	470.0	467.9	437.5
52.5°	310.5	312.5	329.9	383.2	414.6	446.3	477.0	505.1	502.5	500.1	467.4
55°	276.7	278.8	306.6	340.6	392.3	434.4	483.0	528.7	535.4	533.1	499.1
57.5°	241.4	244.7	263.7	293.6	362.4	414.6	485.0	552.6	571.3	569.2	529.5
60°	207.3	212.0	223.2	255.6	325.5	391.3	479.6	571.8	605.9	605.9	560.9
62.5°	175.9	178.5	190.2	219.5	278.8	361.4	465.8	584.0	637.6	636.3	588.4
65°	149.9	151.2	160.6	185.8	239.5	328.4	441.9	583.3	660.2	660.4	606.6
67°	126.5	128.6	139.0	161.9	209.7	297.2	414.4	571.6	668.2	668.7	611.1
67.5°	118.5	120.8	132.2	155.9	203.4	288.6	407.9	566.6	667.7	668.7	609.8
70°	81.6	82.1	101.3	128.3	167.3	243.2	362.9	532.3	647.9	647.2	581.4
72.5°	52.0	51.2	69.6	93.8	134.6	196.9	306.3	472.3	587.9	587.2	512.6
75°	34.6	35.3	47.0	67.0	94.6	152.2	238.8	356.4	408.4	405.3	338.3
77.5°	24.7	24.2	29.1	48.3	63.4	92.5	129.6	189.7	216.9	216.9	185.8
80°	13.5	13.8	15.8	26.8	35.9	36.1	48.6	95.1	106.0	108.3	90.2
82.5°	3.9	4.2	5.7	9.1	9.9	10.9	16.9	27.3	28.6	30.1	24.4
85°	0.0	0.0	0.0	0.3	1.0	1.3	1.3	1.6	2.6	2.6	2.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.5	1.0	1.0	1.3
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°	261.1	261.1	261.1	261.1	261.1	261.1	261.1	261.1	261.1	261.1	261.1
2.5°	260.8	261.1	260.1	258.8	257.7	257.2	255.6	254.3	255.1	255.9	255.9
5°	260.6	260.3	258.2	255.9	254.3	253.3	250.7	248.9	249.1	249.9	249.7
7.5°	260.6	259.5	256.7	253.3	250.7	248.6	245.3	243.2	242.9	243.4	242.9
10°	260.8	259.0	255.1	250.4	246.8	243.7	239.5	237.2	236.4	236.7	236.2
12.5°	261.4	258.5	253.6	247.6	242.9	238.8	234.1	231.2	230.7	231.2	231.2
15°	262.1	258.5	252.3	245.0	238.8	234.1	229.4	226.8	226.8	227.1	227.1
17.5°	263.7	259.3	251.2	242.1	234.6	229.4	225.2	223.4	223.7	224.5	224.5
20°	265.3	260.3	250.2	239.3	231.0	225.0	221.6	220.3	221.4	222.4	222.4
22.5°	267.6	261.6	249.1	236.7	226.8	220.8	218.0	216.9	218.0	219.3	218.8
25°	271.2	264.0	248.4	234.3	222.9	216.4	213.6	212.5	213.0	214.1	214.1
27.5°	275.4	266.8	248.1	231.5	218.2	211.2	207.8	206.3	206.3	206.5	206.8
30°	282.4	271.8	249.1	229.4	214.1	205.8	201.3	199.0	198.7	199.8	199.8
32.5°	290.7	278.5	251.7	227.6	209.9	199.3	193.3	191.5	191.0	191.7	191.0
35°	300.1	286.0	255.1	227.3	205.8	192.3	185.5	183.4	181.9	181.3	180.8
37.5°	313.3	296.4	258.5	226.0	201.6	184.7	177.4	173.0	171.2	170.7	170.7
40°	326.3	306.6	262.7	223.9	196.7	177.2	166.8	161.9	161.1	161.1	161.1
42.5°	342.7	319.8	268.4	222.6	190.7	169.7	155.4	149.6	149.6	149.6	149.4
45°	362.9	337.2	275.6	222.1	185.0	160.6	143.2	135.6	135.4	135.1	134.8
47.5°	386.6	355.4	282.7	220.8	178.2	149.6	129.1	120.8	119.0	118.5	117.7
50°	411.0	375.2	290.2	219.0	170.2	136.9	115.9	106.3	102.4	101.1	101.6
52.5°	437.0	394.4	297.5	216.4	160.6	124.2	102.4	92.2	88.3	86.8	86.5
55°	462.4	413.9	304.2	213.0	150.2	111.2	90.9	81.1	77.7	77.2	77.2
57.5°	488.2	432.6	309.4	208.1	138.7	99.8	81.1	73.0	70.7	71.7	71.7
60°	511.5	448.9	312.0	201.3	127.3	89.4	73.3	67.3	66.2	68.8	68.6
62.5°	532.6	459.8	310.7	191.5	116.1	80.5	67.3	62.9	63.1	66.2	66.5
65°	542.7	461.7	303.2	178.0	103.7	73.0	61.1	56.9	57.4	60.8	61.6
67°	540.4	454.7	290.7	162.6	93.5	67.3	57.2	53.0	53.3	56.1	56.4
67.5°	537.8	451.3	287.3	158.0	90.9	66.2	56.1	52.2	52.7	55.3	55.3
70°	503.2	417.0	256.2	134.1	78.7	59.0	51.2	48.6	49.1	50.7	50.7
72.5°	439.8	361.1	207.3	107.6	66.8	52.2	46.2	44.7	44.7	44.7	43.4
75°	280.6	226.3	135.6	82.4	55.1	44.7	41.6	39.7	38.7	40.3	39.7
77.5°	155.1	118.2	70.7	47.3	39.7	37.2	36.1	35.3	35.1	38.7	37.7
80°	73.5	58.5	39.7	27.0	22.9	27.5	31.2	30.7	36.6	50.1	50.4
82.5°	23.4	19.2	16.1	14.8	15.3	19.7	24.2	27.8	47.5	53.8	53.0
85°	2.9	2.6	1.8	6.0	10.1	14.5	18.7	36.1	43.6	36.4	34.3
87.5°	1.0	1.0	1.0	4.2	7.8	11.2	16.9	36.4	26.8	24.4	22.3
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)