

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: P1211995

Luminaire Tested: **GKO-PB1B-850-U-T2U**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211995
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1B-850-U-T2U
Description: GEKKO WALL PACK 1500LM PACKAGE 80CRI 5000K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (10) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

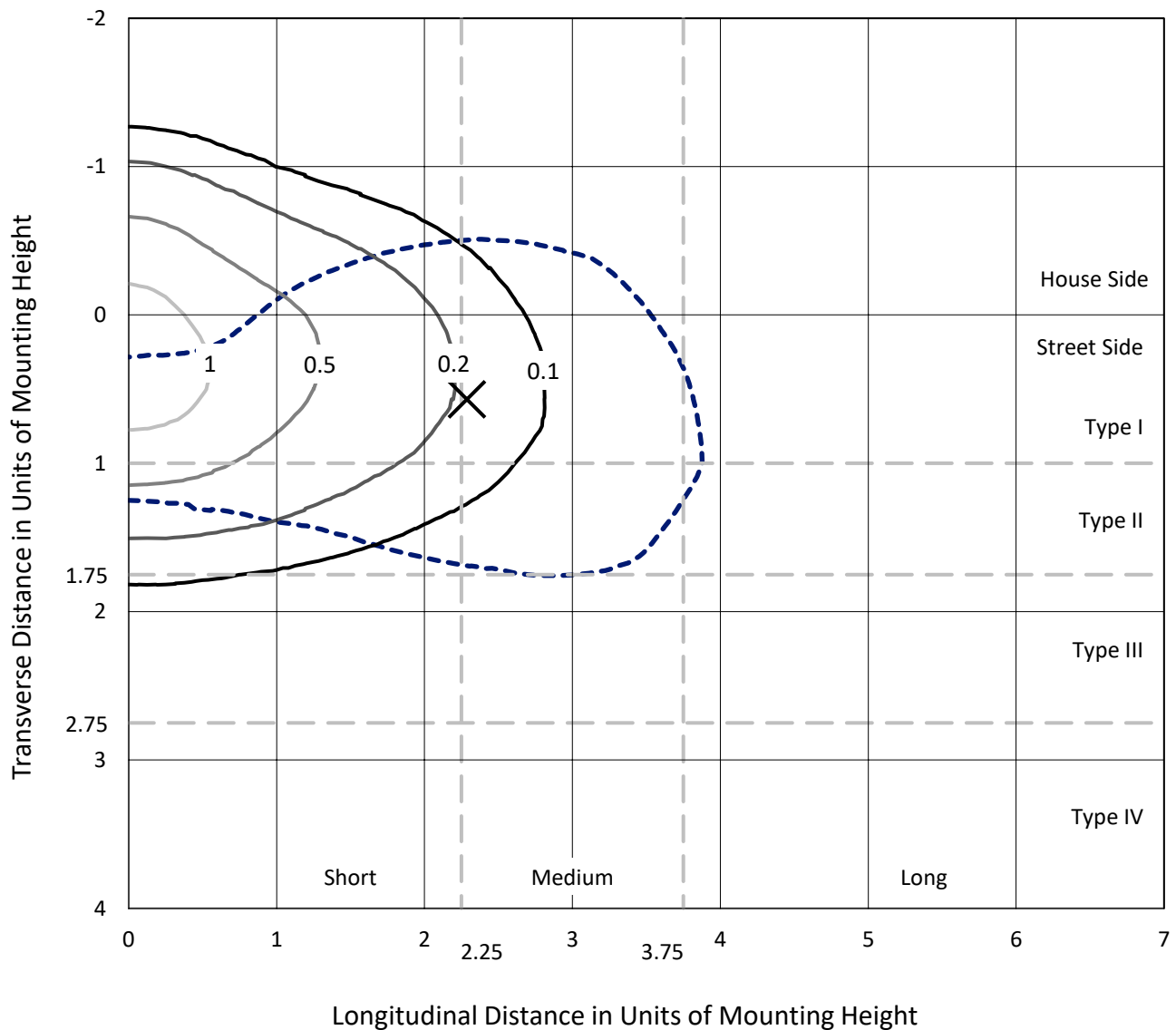
Lumens per Lamp: N/A
Luminaire Lumens: 1386.7 lumens
Efficiency: N/A
Efficacy: 149.1 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

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

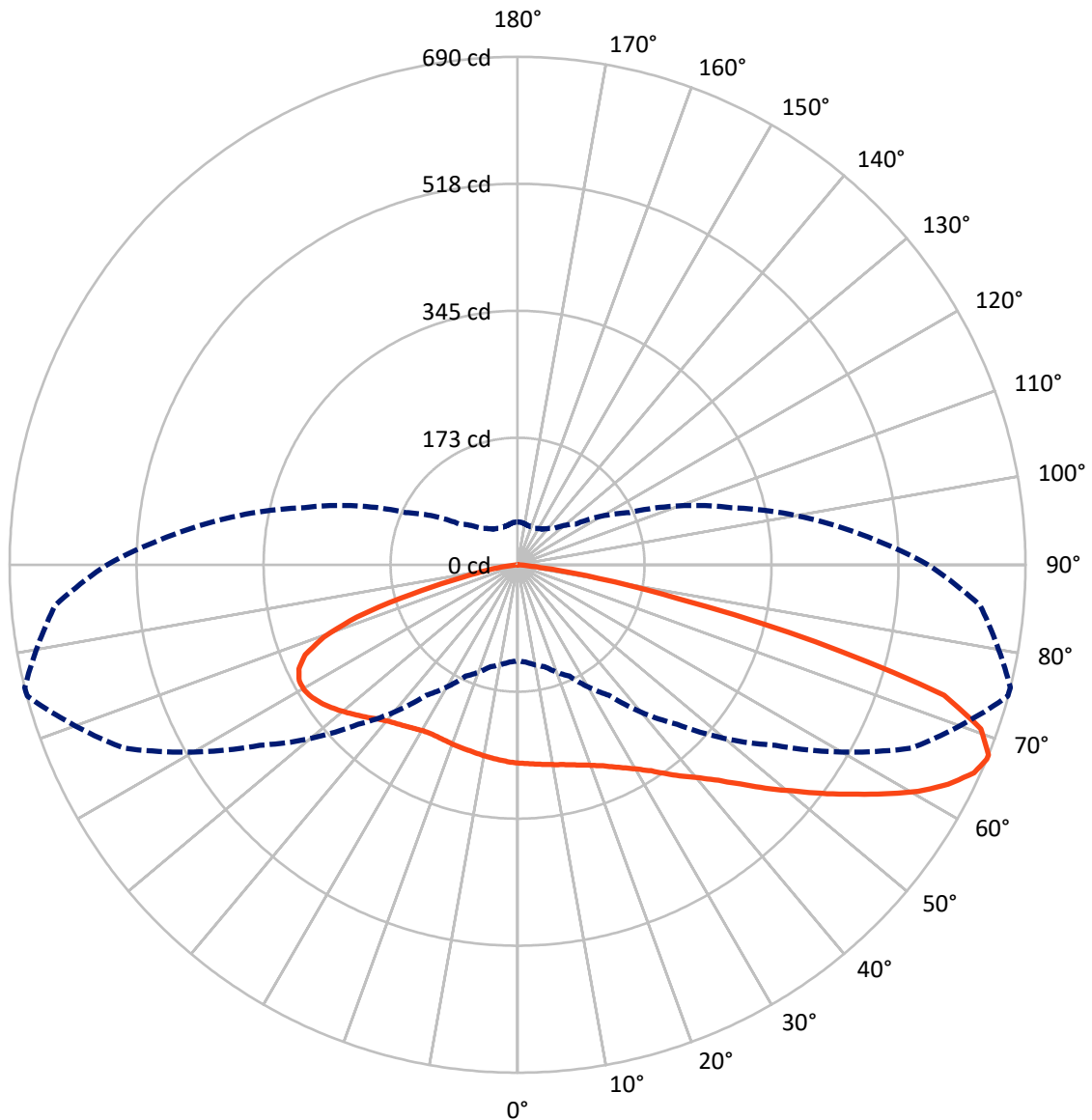
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.4 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	457.5	0.0	457.5
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	929.2	0.0	929.2
	% Fixture	67.0	0.0	67.0
Total	Lumens	1386.7	0.0	1386.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.9	1.9
10°-20°	79.3	5.7
20°-30°	136.4	9.8
30°-40°	196.0	14.1
40°-50°	248.5	17.9
50°-60°	272.9	19.7
60°-70°	264.7	19.1
70°-80°	146.1	10.5
80°-90°	16.9	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°	1386.7	100.0
0°-180°	1386.7	100.0



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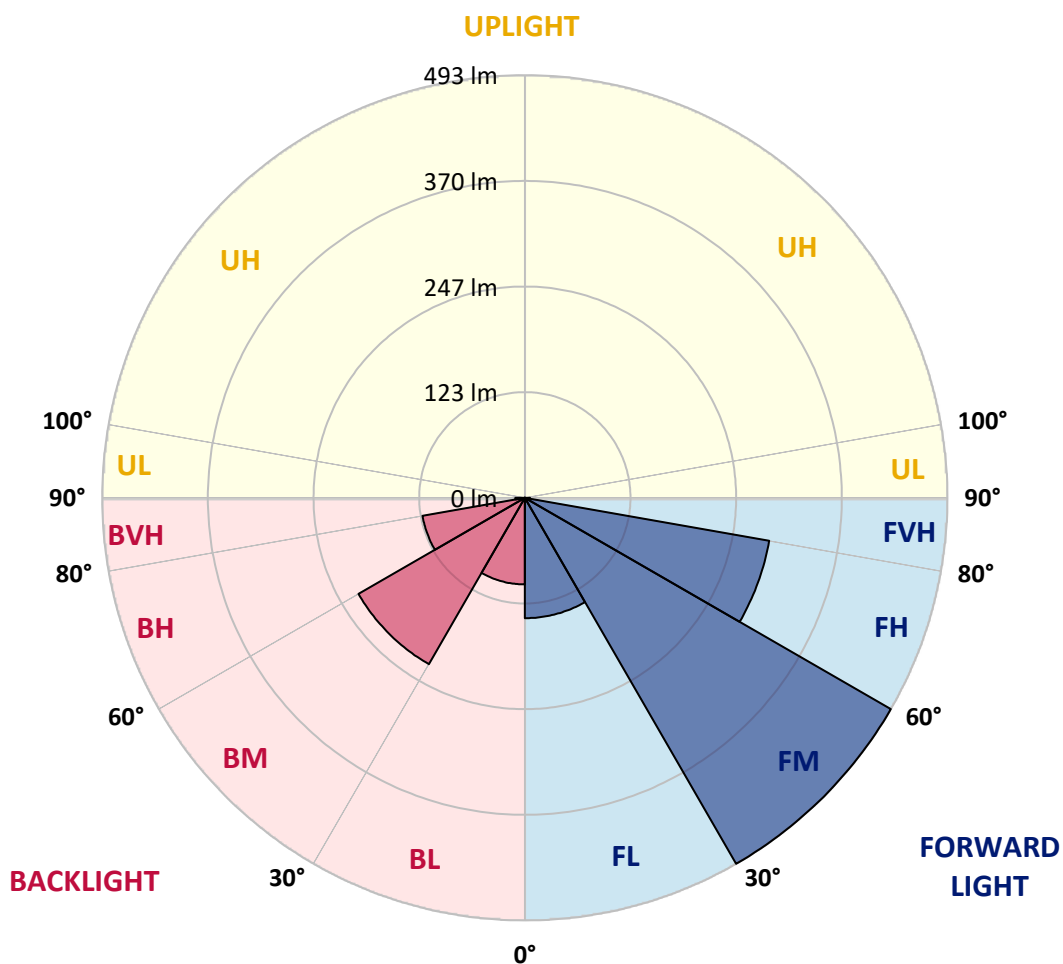
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	140.5	10.1			
FM	(30°-60°)	493.2	35.6			
FH	(60°-80°)	289.5	20.9			G0/660
FVH	(80°-90°)	6.0	0.4			G0/10
BL	(0°-30°)	101.1	7.3	B0/110		
BM	(30°-60°)	224.2	16.2	B1/1000		
BH	(60°-80°)	121.3	8.7	B1/500		G1/500
BVH	(80°-90°)	11.0	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°	269.6	269.6	269.6	269.6	269.6	269.6	269.6	269.6	269.6	269.6	269.6
2.5°	277.6	277.3	277.1	277.1	276.0	274.9	273.9	273.0	270.9	270.6	269.6
5°	285.9	285.9	285.1	284.8	283.2	280.6	278.1	275.7	272.8	272.2	269.8
7.5°	296.7	296.7	295.3	294.2	291.8	287.5	283.2	278.9	274.7	274.1	270.4
10°	310.3	310.3	309.3	306.8	301.7	296.1	289.1	282.4	276.8	276.3	270.9
12.5°	324.5	324.8	323.2	319.7	313.5	305.0	296.4	286.7	279.5	278.7	272.0
15°	339.0	339.3	338.2	334.5	326.2	315.7	304.2	292.6	283.0	282.2	273.6
17.5°	353.2	353.8	352.7	348.4	338.8	327.5	313.3	298.8	287.3	286.2	276.3
20°	366.7	366.7	366.7	361.8	352.4	339.6	323.2	306.3	292.1	291.0	279.5
22.5°	378.7	379.3	380.1	377.4	366.7	352.4	334.7	314.6	298.3	296.9	283.5
25°	390.8	391.1	393.2	391.3	380.9	366.1	347.1	325.1	305.8	304.4	288.3
27.5°	404.7	405.5	406.9	406.1	394.3	379.8	360.8	336.6	314.1	312.7	294.2
30°	421.1	421.1	421.9	420.6	408.8	394.3	374.4	348.7	324.5	322.4	301.5
32.5°	434.5	435.9	435.3	434.8	422.4	408.0	388.4	362.1	336.6	333.9	311.4
35°	447.1	447.4	447.1	447.7	435.3	421.6	403.1	377.7	350.0	349.0	324.0
37.5°	454.4	454.9	456.2	457.9	446.9	434.0	417.9	394.8	366.7	364.8	339.0
40°	457.9	458.7	465.9	468.3	456.5	445.8	433.4	410.4	382.7	380.6	354.0
42.5°	463.2	469.7	473.4	473.9	463.8	454.4	446.9	428.1	402.6	400.7	374.2
45°	445.5	443.1	453.0	464.6	464.0	460.0	459.7	447.9	427.0	425.1	397.0
47.5°	423.2	421.4	426.7	443.6	455.7	462.4	472.3	471.3	456.5	453.8	423.5
50°	370.1	373.4	399.6	422.7	443.6	463.2	483.1	495.7	485.2	483.1	451.7
52.5°	320.5	322.7	340.6	395.6	428.1	460.8	492.5	521.4	518.7	516.3	482.5
55°	285.7	287.8	316.5	351.6	405.0	448.5	498.6	545.8	552.8	550.4	515.2
57.5°	249.2	252.7	272.2	303.1	374.2	428.1	500.8	570.5	589.8	587.7	546.6
60°	214.0	218.9	230.4	263.9	336.1	403.9	495.1	590.4	625.5	625.5	579.1
62.5°	181.6	184.3	196.3	226.6	287.8	373.1	480.9	603.0	658.2	656.9	607.5
65°	154.8	156.1	165.8	191.8	247.3	339.0	456.2	602.2	681.5	681.8	626.3
67°	130.6	132.8	143.5	167.1	216.5	306.8	427.8	590.1	689.9	690.4	630.9
67.5°	122.3	124.7	136.5	160.9	210.0	298.0	421.1	585.0	689.3	690.4	629.5
70°	84.2	84.8	104.6	132.5	172.7	251.1	374.7	549.6	668.9	668.1	600.3
72.5°	53.6	52.8	71.9	96.8	138.9	203.3	316.2	487.6	607.0	606.2	529.2
75°	35.7	36.5	48.5	69.2	97.6	157.2	246.5	368.0	421.6	418.4	349.2
77.5°	25.5	24.9	30.0	49.9	65.4	95.5	133.8	195.8	224.0	224.0	191.8
80°	13.9	14.2	16.4	27.6	37.0	37.3	50.2	98.2	109.4	111.8	93.1
82.5°	4.0	4.3	5.9	9.4	10.2	11.3	17.4	28.2	29.5	31.1	25.2
85°	0.0	0.0	0.0	0.3	1.1	1.3	1.3	1.6	2.7	2.7	3.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.5	1.1	1.1	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°	269.6	269.6	269.6	269.6	269.6	269.6	269.6	269.6	269.6	269.6	269.6
2.5°	269.3	269.6	268.5	267.1	266.1	265.5	263.9	262.6	263.4	264.2	264.2
5°	269.0	268.8	266.6	264.2	262.6	261.5	258.8	257.0	257.2	258.0	257.8
7.5°	269.0	268.0	265.0	261.5	258.8	256.7	253.2	251.1	250.8	251.3	250.8
10°	269.3	267.4	263.4	258.6	254.8	251.6	247.3	244.9	244.1	244.3	243.8
12.5°	269.8	266.9	261.8	255.6	250.8	246.5	241.7	238.7	238.2	238.7	238.7
15°	270.6	266.9	260.4	252.9	246.5	241.7	236.8	234.2	234.2	234.4	234.4
17.5°	272.2	267.7	259.4	250.0	242.2	236.8	232.5	230.7	230.9	231.7	231.7
20°	273.9	268.8	258.3	247.0	238.4	232.3	228.8	227.4	228.5	229.6	229.6
22.5°	276.3	270.1	257.2	244.3	234.2	228.0	225.0	224.0	225.0	226.4	225.8
25°	280.0	272.5	256.4	241.9	230.1	223.4	220.5	219.4	219.9	221.0	221.0
27.5°	284.3	275.5	256.1	239.0	225.3	218.1	214.6	213.0	213.0	213.2	213.5
30°	291.6	280.6	257.2	236.8	221.0	212.4	207.9	205.5	205.2	206.3	206.3
32.5°	300.1	287.5	259.9	235.0	216.7	205.7	199.6	197.7	197.1	197.9	197.1
35°	309.8	295.3	263.4	234.7	212.4	198.5	191.5	189.4	187.8	187.2	186.7
37.5°	323.5	306.0	266.9	233.4	208.1	190.7	183.2	178.6	176.8	176.2	176.2
40°	336.9	316.5	271.2	231.2	203.0	182.9	172.2	167.1	166.3	166.3	166.3
42.5°	353.8	330.2	277.1	229.9	196.9	175.1	160.4	154.5	154.5	154.5	154.2
45°	374.7	348.1	284.6	229.3	191.0	165.8	147.8	140.0	139.7	139.5	139.2
47.5°	399.1	366.9	291.8	228.0	184.0	154.5	133.3	124.7	122.8	122.3	121.5
50°	424.3	387.3	299.6	226.1	175.7	141.4	119.6	109.7	105.7	104.3	104.9
52.5°	451.1	407.2	307.1	223.4	165.8	128.2	105.7	95.2	91.2	89.6	89.3
55°	477.4	427.3	314.1	219.9	155.0	114.8	93.9	83.7	80.2	79.7	79.7
57.5°	504.0	446.6	319.4	214.8	143.2	103.0	83.7	75.4	73.0	74.0	74.0
60°	528.1	463.5	322.1	207.9	131.4	92.3	75.6	69.5	68.4	71.1	70.8
62.5°	549.8	474.7	320.8	197.7	119.9	83.1	69.5	64.9	65.2	68.4	68.7
65°	560.3	476.6	313.0	183.7	107.0	75.4	63.0	58.7	59.3	62.8	63.6
67°	557.9	469.4	300.1	167.9	96.6	69.5	59.0	54.7	55.0	57.9	58.2
67.5°	555.2	465.9	296.7	163.1	93.9	68.4	57.9	53.9	54.4	57.1	57.1
70°	519.5	430.5	264.5	138.4	81.3	60.9	52.8	50.2	50.7	52.3	52.3
72.5°	454.1	372.8	214.0	111.0	68.9	53.9	47.7	46.1	46.1	46.1	44.8
75°	289.7	233.6	140.0	85.0	56.9	46.1	42.9	41.0	40.0	41.6	41.0
77.5°	160.1	122.0	73.0	48.8	41.0	38.4	37.3	36.5	36.2	40.0	38.9
80°	75.9	60.3	41.0	27.9	23.6	28.4	32.2	31.6	37.8	51.8	52.0
82.5°	24.1	19.8	16.6	15.3	15.8	20.4	24.9	28.7	49.1	55.5	54.7
85°	3.0	2.7	1.9	6.2	10.5	15.0	19.3	37.3	45.1	37.6	35.4
87.5°	1.1	1.1	1.1	4.3	8.0	11.5	17.4	37.6	27.6	25.2	23.1
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)