

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: P1211965

Luminaire Tested: **GKO-PB1B-830-U-T2U**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211965
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1B-830-U-T2U
Description: GEKKO WALL PACK 1500LM PACKAGE 80CRI 3000K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (10) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1322.2 lumens
Efficiency: N/A
Efficacy: 142.2 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

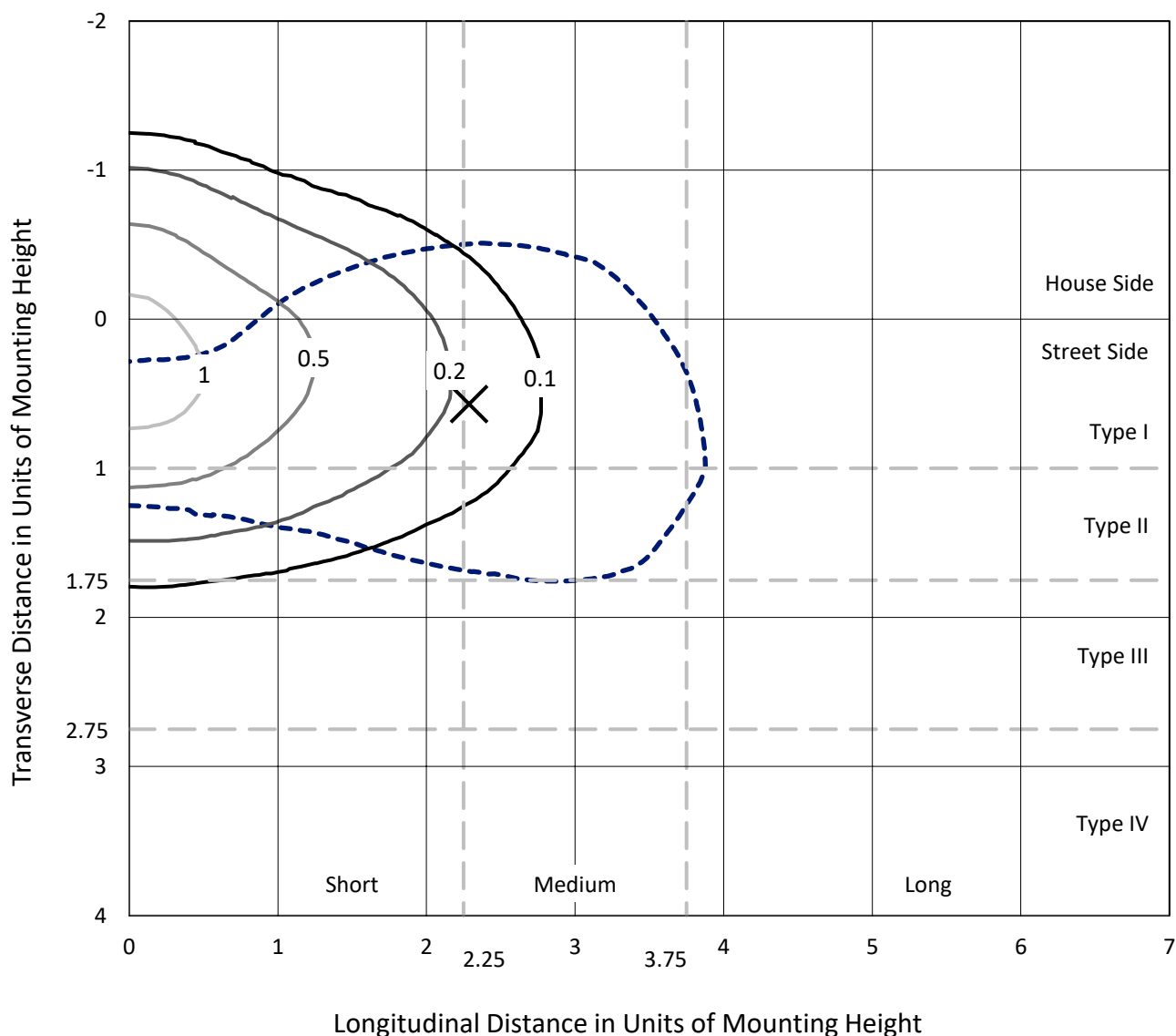
Input Watts (W): 9.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 14%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

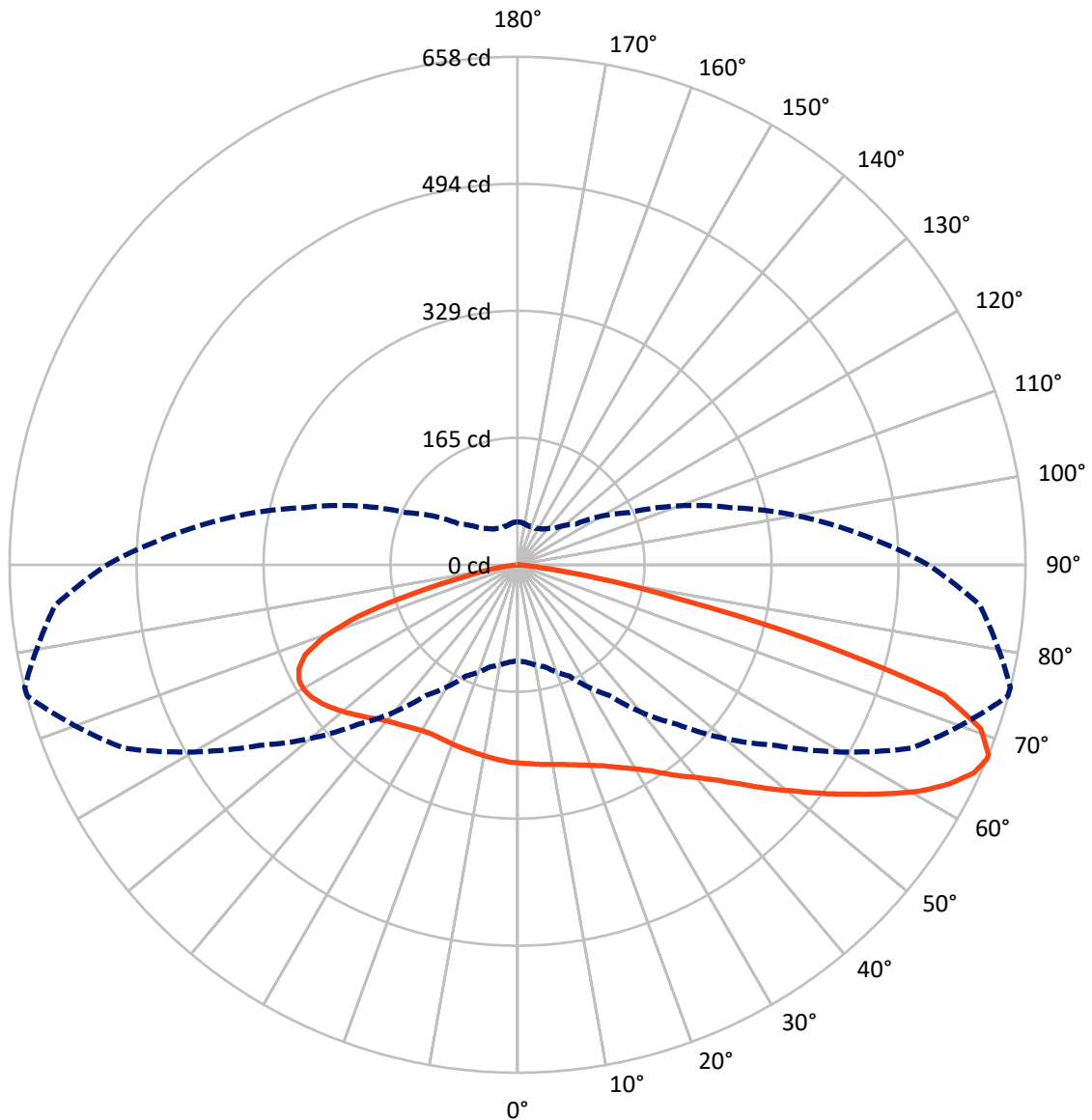
--- 1/2 Max cd



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	436.2	0.0	436.2
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	886.0	0.0	886.0
	% Fixture	67.0	0.0	67.0
Total	Lumens	1322.2	0.0	1322.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.7	1.9
10°-20°	75.6	5.7
20°-30°	130.0	9.8
30°-40°	186.8	14.1
40°-50°	237.0	17.9
50°-60°	260.2	19.7
60°-70°	252.3	19.1
70°-80°	139.3	10.5
80°-90°	16.2	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°	1322.2	100.0
0°-180°	1322.2	100.0



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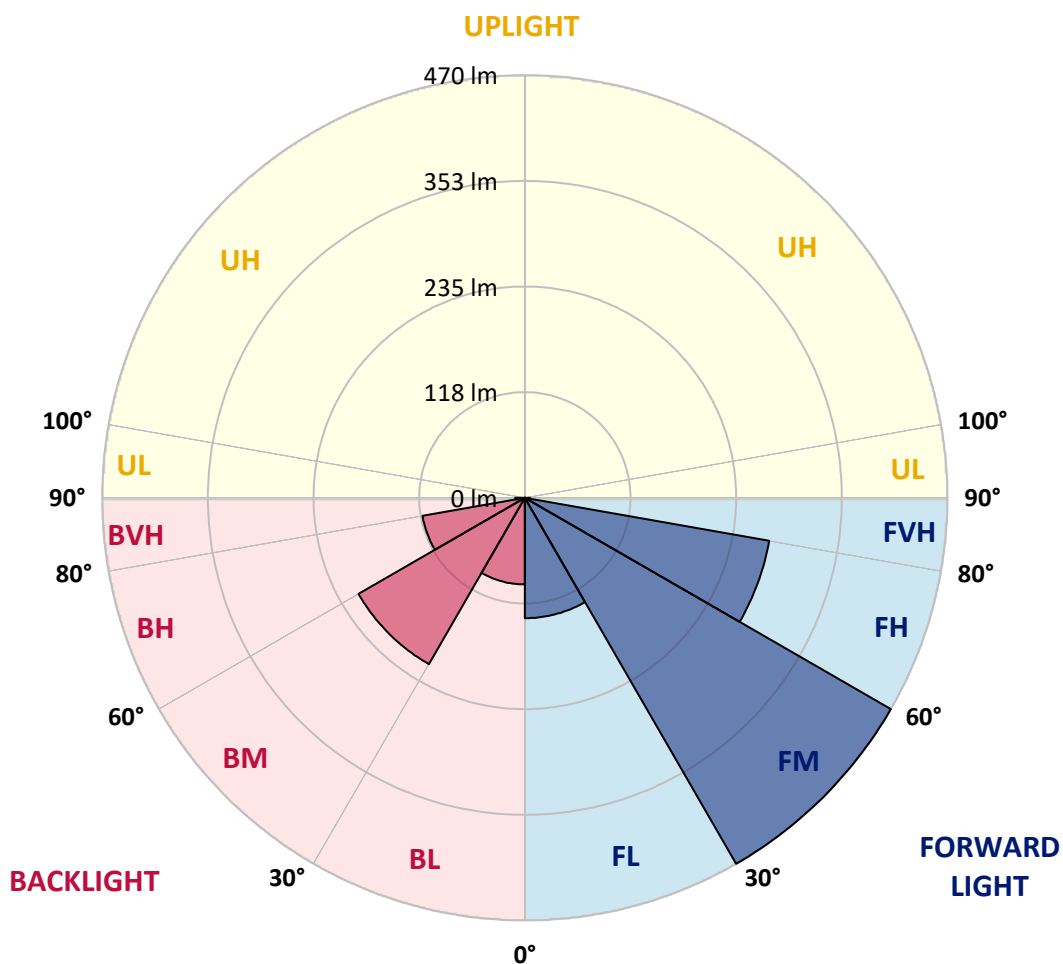
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	133.9	10.1			
FM	(30°-60°)	470.3	35.6			
FH	(60°-80°)	276.1	20.9			G0/660
FVH	(80°-90°)	5.7	0.4			G0/10
BL	(0°-30°)	96.4	7.3	B0/110		
BM	(30°-60°)	213.8	16.2	B0/220		
BH	(60°-80°)	115.6	8.7	B1/500		G1/500
BVH	(80°-90°)	10.5	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°	257.0	257.0	257.0	257.0	257.0	257.0	257.0	257.0	257.0	257.0	257.0
2.5°	264.7	264.4	264.2	264.2	263.2	262.1	261.1	260.3	258.3	258.0	257.0
5°	272.6	272.6	271.8	271.6	270.1	267.5	265.2	262.9	260.1	259.6	257.3
7.5°	282.8	282.8	281.6	280.5	278.2	274.2	270.1	266.0	261.9	261.4	257.8
10°	295.9	295.9	294.9	292.6	287.7	282.3	275.7	269.3	263.9	263.4	258.3
12.5°	309.4	309.7	308.2	304.8	299.0	290.8	282.6	273.4	266.5	265.7	259.3
15°	323.3	323.5	322.5	318.9	311.0	301.0	290.0	279.0	269.8	269.0	260.9
17.5°	336.8	337.3	336.3	332.2	323.0	312.3	298.7	284.9	273.9	272.9	263.4
20°	349.6	349.6	349.6	345.0	336.0	323.8	308.2	292.1	278.5	277.5	266.5
22.5°	361.1	361.6	362.4	359.8	349.6	336.0	319.2	300.0	284.4	283.1	270.3
25°	372.6	372.9	374.9	373.1	363.1	349.1	330.9	310.0	291.5	290.3	274.9
27.5°	385.9	386.7	388.0	387.2	375.9	362.1	344.0	321.0	299.5	298.2	280.5
30°	401.5	401.5	402.3	401.0	389.7	375.9	357.0	332.5	309.4	307.4	287.4
32.5°	414.3	415.6	415.1	414.5	402.8	389.0	370.3	345.2	321.0	318.4	296.9
35°	426.3	426.6	426.3	426.8	415.1	402.0	384.4	360.1	333.7	332.7	308.9
37.5°	433.2	433.7	435.0	436.5	426.1	413.8	398.4	376.4	349.6	347.8	323.3
40°	436.5	437.3	444.2	446.5	435.3	425.0	413.3	391.3	364.9	362.9	337.6
42.5°	441.7	447.8	451.4	451.9	442.2	433.2	426.1	408.2	383.9	382.1	356.8
45°	424.8	422.5	431.9	442.9	442.4	438.6	438.3	427.1	407.1	405.3	378.5
47.5°	403.6	401.8	406.9	423.0	434.5	440.9	450.4	449.3	435.3	432.7	403.8
50°	352.9	356.0	381.0	403.0	423.0	441.7	460.6	472.6	462.6	460.6	430.7
52.5°	305.6	307.7	324.8	377.2	408.2	439.4	469.5	497.2	494.6	492.3	460.1
55°	272.4	274.4	301.8	335.3	386.2	427.6	475.4	520.4	527.1	524.8	491.3
57.5°	237.6	240.9	259.6	289.0	356.8	408.2	477.5	544.0	562.4	560.3	521.2
60°	204.1	208.7	219.7	251.6	320.4	385.1	472.1	562.9	596.4	596.4	552.1
62.5°	173.1	175.7	187.2	216.1	274.4	355.7	458.5	574.9	627.6	626.3	579.2
65°	147.6	148.8	158.0	182.9	235.8	323.3	435.0	574.1	649.8	650.1	597.1
67°	124.5	126.6	136.8	159.3	206.4	292.6	407.9	562.6	657.8	658.3	601.5
67.5°	116.6	118.9	130.2	153.4	200.2	284.1	401.5	557.8	657.2	658.3	600.2
70°	80.3	80.8	99.7	126.3	164.7	239.4	357.3	524.0	637.8	637.0	572.3
72.5°	51.1	50.4	68.5	92.3	132.5	193.8	301.5	464.9	578.7	578.0	504.6
75°	34.0	34.8	46.3	66.0	93.1	149.9	235.0	350.9	402.0	398.9	333.0
77.5°	24.3	23.8	28.6	47.6	62.4	91.0	127.6	186.7	213.5	213.5	182.9
80°	13.3	13.6	15.6	26.3	35.3	35.5	47.8	93.6	104.3	106.6	88.7
82.5°	3.8	4.1	5.6	9.0	9.7	10.7	16.6	26.9	28.1	29.7	24.0
85°	0.0	0.0	0.0	0.3	1.0	1.3	1.3	1.5	2.6	2.6	2.8
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°	257.0	257.0	257.0	257.0	257.0	257.0	257.0	257.0	257.0	257.0	257.0
2.5°	256.8	257.0	256.0	254.7	253.7	253.2	251.6	250.4	251.1	251.9	251.9
5°	256.5	256.2	254.2	251.9	250.4	249.3	246.8	245.0	245.3	246.0	245.8
7.5°	256.5	255.5	252.7	249.3	246.8	244.7	241.4	239.4	239.1	239.6	239.1
10°	256.8	255.0	251.1	246.5	243.0	239.9	235.8	233.5	232.7	233.0	232.5
12.5°	257.3	254.5	249.6	243.7	239.1	235.0	230.4	227.6	227.1	227.6	227.6
15°	258.0	254.5	248.3	241.2	235.0	230.4	225.8	223.3	223.3	223.5	223.5
17.5°	259.6	255.2	247.3	238.3	230.9	225.8	221.7	219.9	220.2	221.0	221.0
20°	261.1	256.2	246.3	235.5	227.4	221.5	218.1	216.9	217.9	218.9	218.9
22.5°	263.4	257.5	245.3	233.0	223.3	217.4	214.6	213.5	214.6	215.8	215.3
25°	267.0	259.8	244.5	230.7	219.4	213.0	210.2	209.2	209.7	210.7	210.7
27.5°	271.1	262.6	244.2	227.9	214.8	207.9	204.6	203.1	203.1	203.3	203.6
30°	278.0	267.5	245.3	225.8	210.7	202.5	198.2	195.9	195.6	196.7	196.7
32.5°	286.2	274.2	247.8	224.0	206.6	196.2	190.3	188.5	188.0	188.7	188.0
35°	295.4	281.6	251.1	223.8	202.5	189.2	182.6	180.6	179.0	178.5	178.0
37.5°	308.4	291.8	254.5	222.5	198.5	181.8	174.7	170.3	168.5	168.0	168.0
40°	321.2	301.8	258.6	220.4	193.6	174.4	164.2	159.3	158.6	158.6	158.6
42.5°	337.3	314.8	264.2	219.2	187.7	167.0	152.9	147.3	147.3	147.3	147.0
45°	357.3	331.9	271.3	218.7	182.1	158.0	140.9	133.5	133.2	133.0	132.7
47.5°	380.5	349.8	278.2	217.4	175.4	147.3	127.1	118.9	117.1	116.6	115.8
50°	404.6	369.3	285.7	215.6	167.5	134.8	114.1	104.6	100.8	99.5	100.0
52.5°	430.1	388.2	292.8	213.0	158.0	122.2	100.8	90.8	87.0	85.4	85.2
55°	455.2	407.4	299.5	209.7	147.8	109.5	89.5	79.8	76.5	76.0	76.0
57.5°	480.5	425.8	304.6	204.8	136.6	98.2	79.8	71.9	69.6	70.6	70.6
60°	503.5	441.9	307.1	198.2	125.3	88.0	72.1	66.2	65.2	67.8	67.5
62.5°	524.3	452.7	305.9	188.5	114.3	79.3	66.2	61.9	62.1	65.2	65.5
65°	534.2	454.4	298.4	175.2	102.0	71.9	60.1	56.0	56.5	59.8	60.6
67°	531.9	447.5	286.2	160.1	92.1	66.2	56.3	52.2	52.4	55.2	55.5
67.5°	529.4	444.2	282.8	155.5	89.5	65.2	55.2	51.4	51.9	54.5	54.5
70°	495.4	410.5	252.2	132.0	77.5	58.1	50.4	47.8	48.3	49.9	49.9
72.5°	433.0	355.5	204.1	105.9	65.7	51.4	45.5	44.0	44.0	44.0	42.7
75°	276.2	222.7	133.5	81.1	54.2	44.0	40.9	39.1	38.1	39.6	39.1
77.5°	152.7	116.4	69.6	46.5	39.1	36.6	35.5	34.8	34.5	38.1	37.1
80°	72.4	57.5	39.1	26.6	22.5	27.1	30.7	30.2	36.1	49.4	49.6
82.5°	23.0	18.9	15.9	14.6	15.1	19.4	23.8	27.4	46.8	52.9	52.2
85°	2.8	2.6	1.8	5.9	10.0	14.3	18.4	35.5	43.0	35.8	33.8
87.5°	1.0	1.0	1.0	4.1	7.7	11.0	16.6	35.8	26.3	24.0	22.0
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)