

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: P1211916

Luminaire Tested: **GKO-PB1A-835-U-T2R**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211916
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1A-835-U-T2R
Description: GEKKO WALL PACK 750LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE II
ROADWAY DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

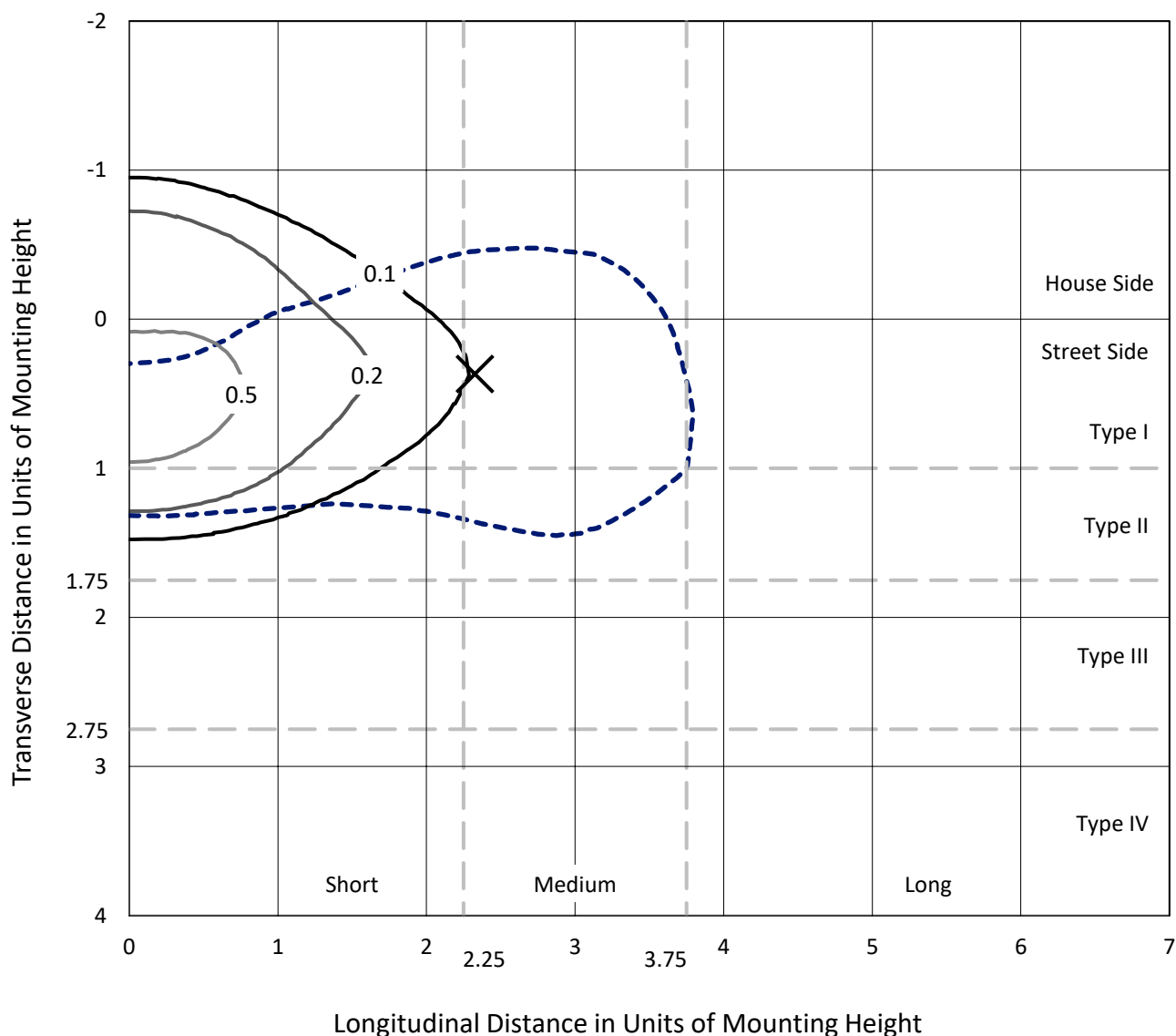
Lumens per Lamp: N/A
Luminaire Lumens: 697.4 lumens
Efficiency: N/A
Efficacy: 145.3 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B0 - U0 - G0

Input Watts (W): 4.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 16%
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

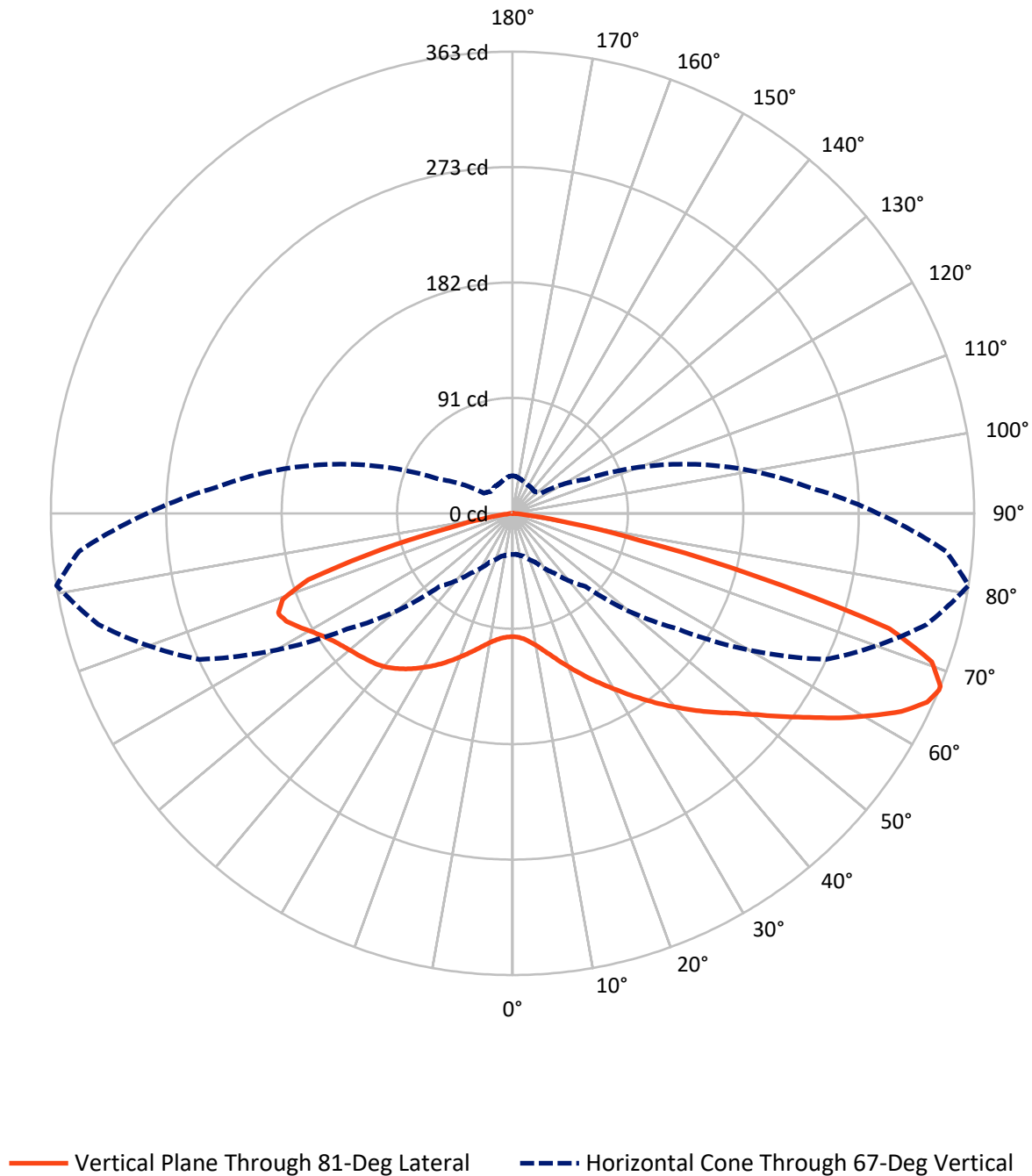
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 0.8 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	215.3	0.0	215.3
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	482.0	0.0	482.0
	% Fixture	69.1	0.0	69.1
Total	Lumens	697.4	0.0	697.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.1	1.4
10°-20°	36.4	5.2
20°-30°	73.8	10.6
30°-40°	116.4	16.7
40°-50°	142.9	20.5
50°-60°	136.5	19.6
60°-70°	114.5	16.4
70°-80°	60.6	8.7
80°-90°	6.3	0.9
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°	697.4	100.0
0°-180°	697.4	100.0



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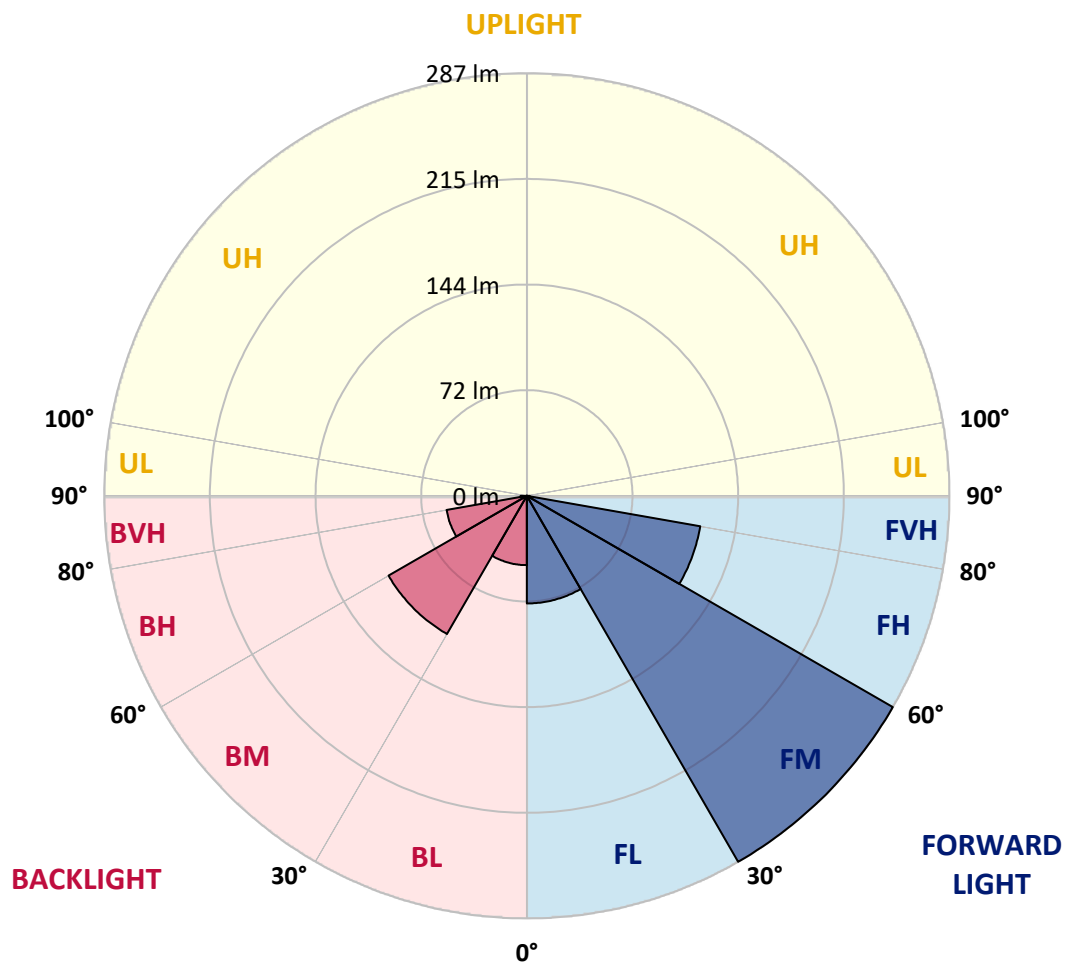
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	73.1	10.5			
FM	(30°-60°)	287.2	41.2			
FH	(60°-80°)	119.7	17.2			G0/660
FVH	(80°-90°)	1.9	0.3			G0/10
BL	(0°-30°)	47.1	6.8	B0/110		
BM	(30°-60°)	108.5	15.6	B0/220		
BH	(60°-80°)	55.4	7.9	B0/110		G0/110
BVH	(80°-90°)	4.3	0.6			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G0

Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	81°	85°
0°	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
2.5°	102.7	103.0	102.5	102.3	101.8	101.0	100.1	99.4	98.3	97.8	97.5
5°	112.5	112.0	111.6	110.9	109.0	107.4	104.7	102.9	100.9	99.5	99.1
7.5°	124.4	124.6	123.3	121.6	118.9	115.7	111.4	108.0	104.2	102.5	101.7
10°	137.3	138.4	137.0	134.9	129.8	125.0	119.8	113.8	108.8	106.1	105.0
12.5°	153.1	153.7	152.0	149.2	143.0	135.8	128.5	121.0	114.4	111.0	109.2
15°	170.7	170.1	168.4	164.3	156.4	148.4	138.4	128.6	120.8	116.6	114.0
17.5°	188.8	188.1	185.9	180.5	171.6	161.6	149.7	137.4	127.6	123.0	119.4
20°	206.2	205.5	203.9	197.9	187.1	174.8	160.9	147.6	135.3	129.7	125.7
22.5°	225.4	224.8	222.3	215.0	203.4	189.9	173.7	157.9	143.7	137.0	132.2
25°	246.2	246.3	243.5	233.3	220.2	204.4	187.5	169.5	153.2	144.8	139.3
27.5°	270.5	270.3	265.5	254.5	238.1	219.9	201.1	181.6	162.5	152.7	146.4
30°	292.5	292.0	286.6	275.6	256.6	236.2	215.5	193.4	173.1	161.3	153.7
32.5°	308.8	308.9	304.5	292.4	273.8	252.1	229.0	206.6	183.2	170.7	162.3
35°	320.5	320.7	316.4	306.0	288.6	266.9	243.3	219.0	194.6	180.3	171.2
37.5°	324.3	324.3	321.5	313.3	299.2	280.2	257.3	233.1	205.9	190.7	180.3
40°	319.2	319.6	319.5	314.1	304.4	289.4	270.2	246.7	218.6	201.0	189.5
42.5°	307.7	308.0	308.4	306.4	303.3	294.4	280.6	260.6	231.3	212.2	198.6
45°	288.8	289.8	291.8	292.6	293.8	293.2	287.0	273.6	245.4	223.4	207.5
47.5°	264.7	266.5	269.1	274.0	280.6	286.0	288.6	283.6	259.1	235.0	217.5
50°	231.4	233.3	240.5	250.5	263.7	274.1	284.2	291.0	274.5	249.1	228.7
52.5°	185.2	189.2	201.4	220.6	243.3	258.7	274.9	294.6	290.1	265.8	242.1
55°	140.9	142.4	158.0	181.1	216.0	242.2	262.1	292.8	304.8	283.3	257.3
57.5°	98.5	100.1	113.7	138.9	177.6	220.6	249.3	286.5	318.1	303.8	274.8
60°	69.9	71.7	81.8	100.5	138.0	189.1	237.4	278.5	329.7	323.3	294.9
62.5°	50.8	51.8	57.1	72.9	99.7	147.9	220.4	273.3	337.9	343.6	315.6
65°	39.0	39.9	43.0	52.8	73.7	108.1	190.0	273.1	340.0	358.6	333.5
67°	32.4	32.3	35.0	42.4	57.5	81.3	158.7	272.1	337.6	363.4	342.5
67.5°	30.7	31.2	33.4	39.6	54.3	74.9	151.9	270.3	336.8	363.2	343.2
70°	24.4	24.6	26.4	31.4	40.8	54.3	109.3	253.3	324.7	350.1	335.7
72.5°	17.9	17.7	20.5	23.8	31.2	39.5	73.3	212.7	298.4	310.2	298.5
75°	13.2	13.1	14.5	18.1	22.3	29.5	47.5	138.8	202.0	197.4	182.3
77.5°	8.8	9.1	10.4	13.3	15.9	18.3	23.8	63.9	111.3	100.6	96.9
80°	5.3	4.9	5.9	7.6	9.2	9.3	10.1	27.6	47.8	45.5	42.7
82.5°	1.9	1.9	2.3	3.1	3.1	3.1	3.7	6.7	9.5	8.7	8.3
85°	0.0	0.0	0.0	0.0	0.3	0.4	0.3	0.5	0.9	1.1	1.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.4	0.5	0.5
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°	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
2.5°	97.5	97.5	97.1	96.6	96.3	96.2	95.8	95.3	95.7	96.1	96.1
5°	98.9	98.6	97.8	97.3	96.9	96.9	96.3	96.2	96.6	97.0	96.9
7.5°	101.0	100.5	99.5	98.7	98.9	99.0	98.2	98.2	98.6	99.0	99.0
10°	103.9	103.0	102.1	101.4	101.5	101.7	100.9	100.6	101.0	101.4	101.7
12.5°	107.7	106.5	105.4	104.7	104.6	104.7	103.9	103.7	103.7	103.9	103.9
15°	112.1	110.8	109.4	108.5	108.2	108.1	107.0	106.1	106.1	106.2	106.2
17.5°	117.2	115.3	113.6	112.5	111.8	110.9	109.7	108.4	108.0	108.1	108.1
20°	122.2	120.2	118.0	116.5	115.2	113.6	111.7	110.0	109.2	109.2	109.0
22.5°	128.1	125.4	122.4	120.4	118.0	115.3	112.6	110.4	109.6	109.3	109.3
25°	134.1	131.0	126.6	123.6	120.1	116.2	112.8	109.7	108.4	107.8	107.8
27.5°	140.2	136.6	130.9	126.5	121.4	116.1	111.4	107.6	105.7	105.0	104.7
30°	147.2	142.0	134.6	128.6	121.7	114.9	108.9	104.3	101.5	99.9	100.1
32.5°	154.4	147.9	138.1	130.0	121.3	112.6	105.0	99.3	95.7	94.2	93.7
35°	161.7	153.5	141.2	130.6	120.0	109.2	100.1	93.7	89.7	87.5	87.5
37.5°	169.2	159.3	143.3	130.5	117.6	104.6	94.3	87.5	82.9	80.2	79.5
40°	176.5	164.8	144.9	129.4	114.0	99.1	88.2	80.9	74.6	71.1	70.6
42.5°	183.7	169.3	145.7	127.7	109.7	93.1	81.3	71.4	65.4	62.2	62.0
45°	190.3	172.9	145.8	125.4	104.1	86.3	71.9	62.4	56.4	53.1	53.1
47.5°	196.7	176.9	145.7	122.5	97.9	77.5	62.0	52.8	47.4	45.2	44.6
50°	204.4	180.9	145.6	118.9	90.1	67.0	52.4	44.6	39.9	37.8	37.8
52.5°	212.3	185.6	145.8	113.8	80.7	56.7	43.9	37.0	33.9	32.6	32.4
55°	222.4	190.6	146.5	107.8	71.0	46.7	36.6	31.9	29.8	29.1	29.2
57.5°	234.7	197.4	147.9	100.7	59.6	38.3	31.4	28.8	28.3	28.6	28.7
60°	248.7	205.8	149.7	92.7	49.6	31.9	28.3	27.8	28.3	29.4	29.5
62.5°	265.0	215.9	152.1	83.8	39.8	28.0	27.0	27.4	27.8	29.5	29.6
65°	279.4	226.8	152.7	73.3	32.3	25.5	26.2	26.4	27.5	29.5	29.6
67°	287.6	234.3	149.1	63.3	27.6	24.2	25.1	25.4	27.2	29.2	29.5
67.5°	288.5	235.9	146.6	60.7	26.7	23.9	24.8	25.4	27.2	29.2	29.4
70°	285.7	234.9	130.6	45.8	22.0	22.0	23.1	24.3	26.2	28.3	29.2
72.5°	260.7	214.2	101.1	31.1	18.7	19.9	21.5	23.2	25.0	27.5	29.1
75°	164.8	137.8	61.9	20.8	15.6	17.7	20.3	22.3	23.8	25.6	26.7
77.5°	88.1	68.2	26.7	12.3	12.3	15.7	18.8	20.7	21.5	22.2	22.8
80°	41.6	31.8	12.9	7.3	8.5	12.3	16.7	18.7	18.9	19.7	20.0
82.5°	8.3	7.2	4.3	3.9	5.6	8.8	13.9	16.1	16.3	17.6	17.9
85°	1.1	0.9	0.7	1.5	3.6	6.5	10.7	13.9	14.1	14.1	13.9
87.5°	0.5	0.4	0.4	1.1	2.7	4.9	8.8	11.6	11.7	9.2	8.9
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)