

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: P1211774

Luminaire Tested: **GKO-PB1C-827-U-T4W**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211774
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1C-827-U-T4W
Description: GEKKO WALL PACK 2500LM PACKAGE 80CRI 2700K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source: (10) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

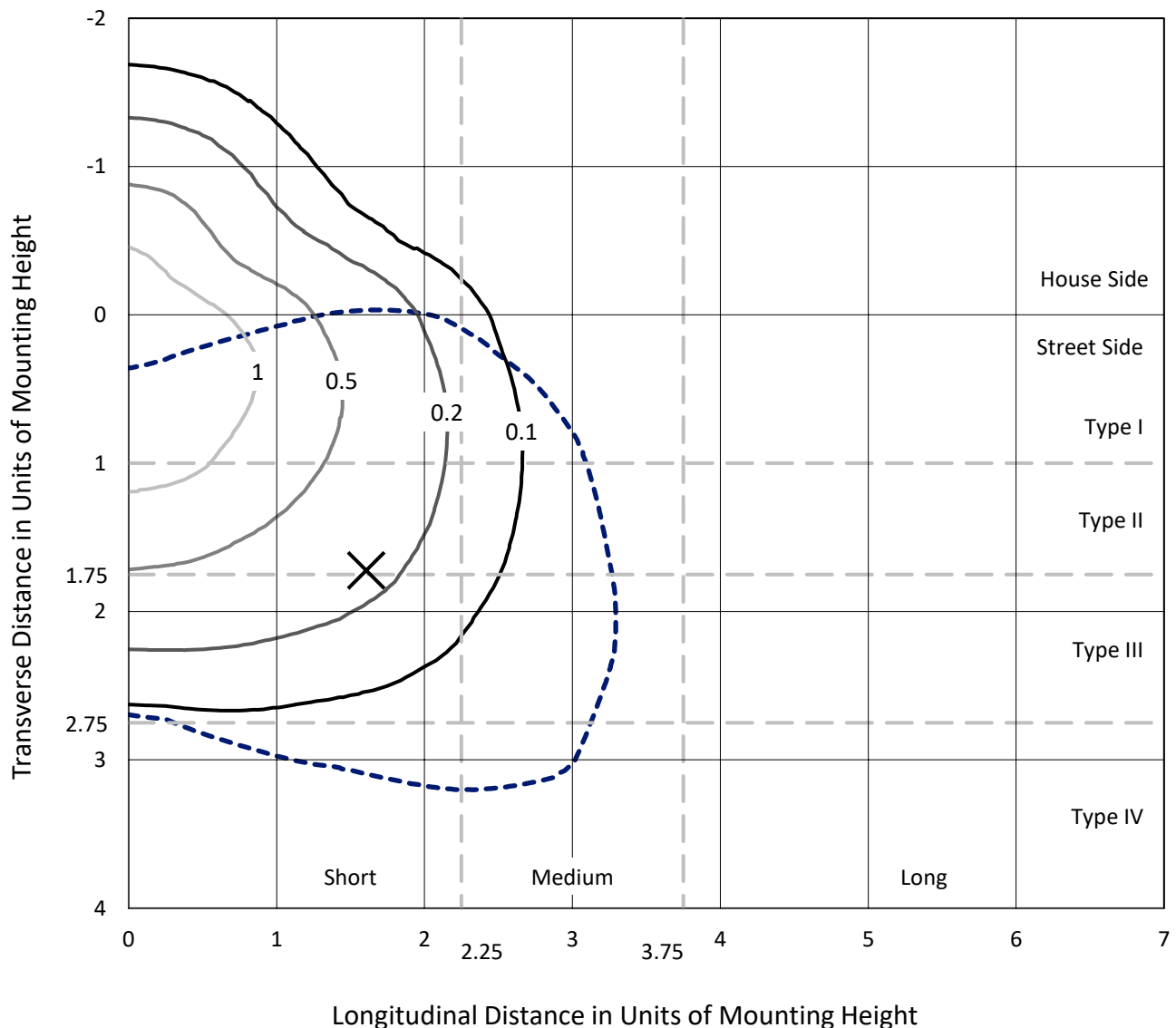
Lumens per Lamp: N/A
Luminaire Lumens: 2110.6 lumens
Efficiency: N/A
Efficacy: 124.2 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

Input Watts (W): 17
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 13%
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

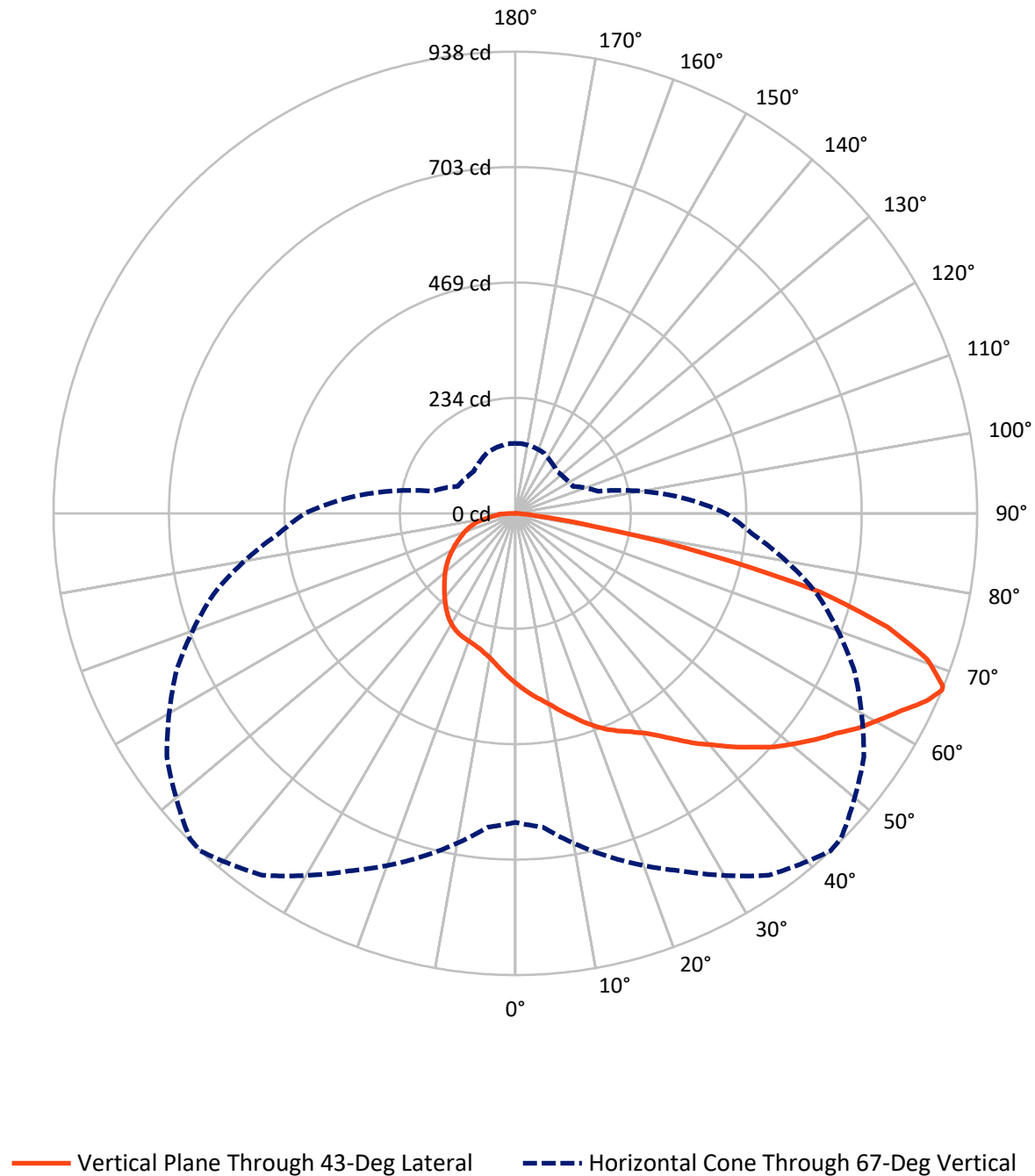
× Max cd
- - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.8 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	567.7	0.0	567.7
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	1542.9	0.0	1542.9
	% Fixture	73.1	0.0	73.1
Total	Lumens	2110.6	0.0	2110.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.1	1.6
10°-20°	101.8	4.8
20°-30°	176.2	8.3
30°-40°	261.5	12.4
40°-50°	355.2	16.8
50°-60°	436.1	20.7
60°-70°	459.6	21.8
70°-80°	253.7	12.0
80°-90°	33.4	1.6
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°	2110.6	100.0
0°-180°	2110.6	100.0



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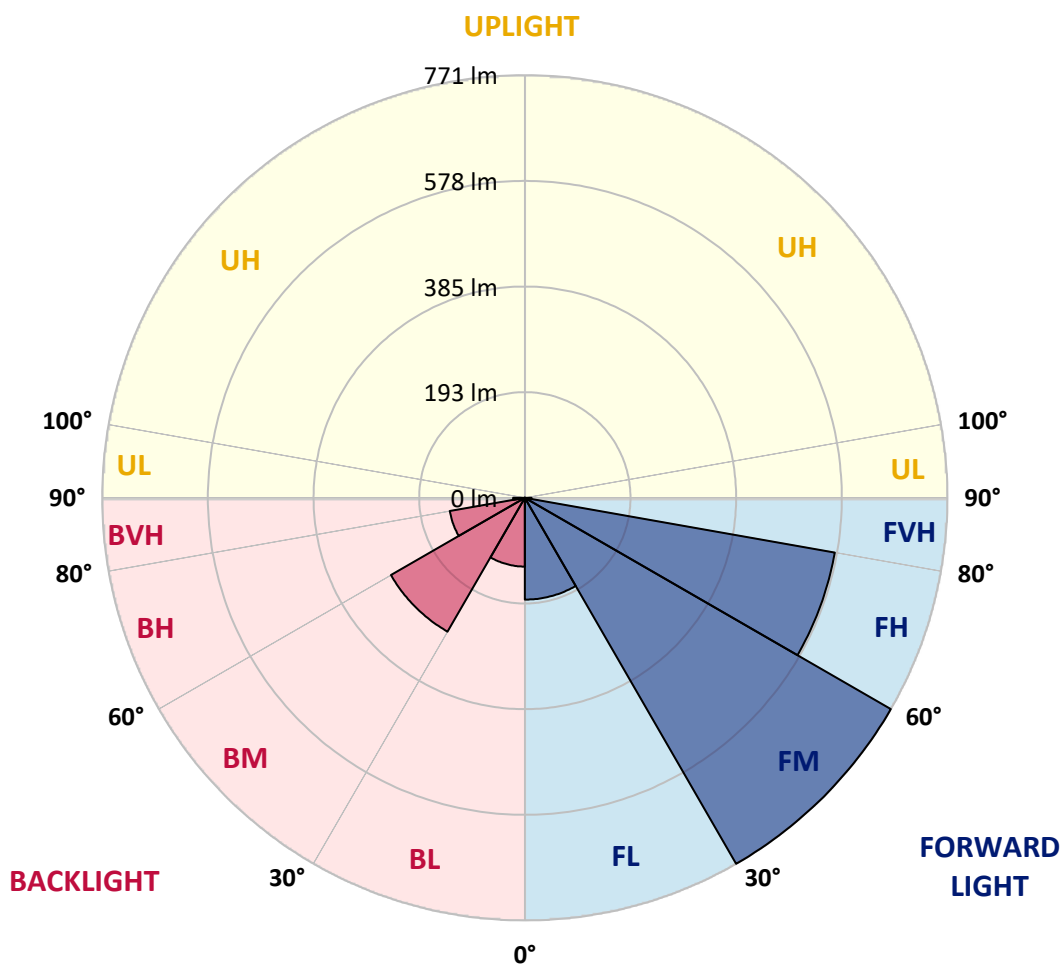
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	185.7	8.8			
FM	(30°-60°)	770.9	36.5			
FH	(60°-80°)	574.2	27.2			G0/660
FVH	(80°-90°)	12.2	0.6			G1/100
BL	(0°-30°)	125.4	5.9	B1/500		
BM	(30°-60°)	281.9	13.4	B1/1000		
BH	(60°-80°)	139.1	6.6	B1/500		G1/500
BVH	(80°-90°)	21.2	1.0			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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	346.4	346.4	346.4	346.4	346.4	346.4	346.4	346.4	346.4	346.4	346.4
2.5°	362.5	363.3	362.5	361.6	359.9	359.1	358.3	356.1	353.6	349.8	346.8
5°	378.5	378.5	377.3	376.4	373.9	371.4	370.1	365.0	359.5	353.2	347.3
7.5°	393.3	395.0	392.9	390.8	387.0	382.8	381.9	374.3	366.7	358.3	349.4
10°	411.9	413.2	410.2	408.5	401.3	395.9	394.2	384.9	374.7	364.2	352.8
12.5°	430.9	431.8	429.7	425.9	418.2	411.5	409.0	396.7	383.6	370.9	356.6
15°	447.4	448.2	447.4	443.2	436.0	427.5	424.2	410.6	394.6	378.1	361.2
17.5°	459.6	461.3	461.3	459.2	452.9	444.9	442.8	425.9	407.3	386.6	366.7
20°	470.2	471.1	472.7	471.5	468.1	461.3	458.4	442.3	419.9	396.3	372.2
22.5°	478.7	479.5	482.5	482.0	479.9	476.5	473.6	458.8	434.7	406.0	377.3
25°	493.4	493.0	494.7	493.4	490.9	489.6	488.0	474.9	449.5	417.4	384.0
27.5°	519.2	518.4	516.7	510.3	504.0	502.3	501.1	491.8	466.8	430.5	391.6
30°	557.2	558.1	550.1	535.7	523.0	518.0	516.3	509.9	486.3	445.7	400.1
32.5°	602.4	602.0	588.9	568.6	548.8	538.7	535.3	528.5	505.7	460.9	409.8
35°	635.0	634.1	627.4	609.2	588.5	564.4	558.1	547.5	526.4	478.2	419.5
37.5°	678.9	677.6	664.5	645.5	626.9	592.3	585.1	570.8	546.3	495.1	430.5
40°	729.2	721.2	699.6	680.2	654.8	618.1	612.2	593.6	569.1	515.8	443.2
42.5°	774.8	763.0	735.1	710.6	678.9	648.5	640.9	618.9	591.0	534.9	456.3
45°	843.3	814.5	774.4	760.0	705.1	677.2	670.9	643.8	615.1	555.6	469.4
47.5°	834.8	814.5	801.4	799.7	732.6	708.5	699.2	671.3	640.9	577.5	482.9
50°	851.3	835.2	836.1	815.4	757.5	735.1	728.3	700.0	667.1	599.1	497.2
52.5°	847.9	852.5	850.0	817.9	781.6	763.0	757.9	729.6	692.0	619.8	509.9
55°	874.9	872.4	866.9	835.2	808.2	789.2	785.0	760.5	717.4	637.5	520.9
57.5°	894.8	881.7	881.3	854.7	837.8	822.1	815.4	792.1	741.0	653.1	529.4
60°	882.5	866.9	878.3	857.6	855.9	850.0	846.2	820.0	762.1	665.0	532.7
62.5°	817.1	820.9	854.7	853.4	875.8	881.3	877.1	839.5	776.1	669.2	530.2
65°	730.5	741.9	793.8	838.2	899.0	918.0	913.8	853.4	774.8	659.5	513.3
67°	627.4	639.6	720.7	801.4	896.9	937.5	934.5	863.5	759.6	634.6	482.9
67.5°	604.6	618.5	699.6	784.5	889.3	935.8	933.7	864.4	754.5	622.7	471.1
70°	444.9	461.3	575.8	689.5	828.5	886.8	886.3	832.7	702.1	558.5	408.5
72.5°	277.1	291.9	410.6	537.8	717.8	789.6	786.6	725.4	604.6	455.8	322.3
75°	169.8	179.1	258.6	350.7	520.5	639.2	643.4	567.0	412.3	270.8	182.1
77.5°	103.9	114.1	163.1	216.3	318.1	397.5	398.4	314.3	211.7	147.4	99.7
80°	57.9	60.4	84.9	113.2	163.1	163.9	157.2	138.6	109.8	71.0	51.1
82.5°	22.8	24.5	36.8	45.6	46.5	48.6	45.2	41.0	34.6	22.8	16.1
85°	0.0	0.0	0.0	0.8	3.0	5.9	5.9	4.2	1.7	1.3	1.3
87.5°	0.0	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
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°	346.4	346.4	346.4	346.4	346.4	346.4	346.4	346.4	346.4	346.4	346.4
2.5°	346.0	345.6	342.6	339.2	336.7	334.6	332.5	330.0	330.0	330.8	330.4
5°	345.2	343.0	337.6	331.6	327.0	322.8	319.0	315.6	315.2	315.6	316.0
7.5°	345.6	341.8	333.3	324.5	316.9	311.4	305.9	303.3	302.9	302.9	302.9
10°	347.3	341.8	330.4	318.1	308.8	300.8	294.9	292.4	292.8	293.2	293.6
12.5°	350.2	342.6	328.3	312.6	300.8	292.8	286.9	284.7	286.4	288.5	289.0
15°	353.2	344.3	326.1	308.0	294.5	285.6	281.4	280.9	283.9	287.7	288.5
17.5°	356.6	345.6	323.6	302.1	287.7	280.5	278.4	279.7	284.3	290.2	291.5
20°	359.9	347.3	320.7	296.6	281.4	276.3	277.6	281.4	287.3	294.5	295.7
22.5°	363.3	348.5	316.9	289.8	274.6	272.9	277.6	283.9	289.8	297.8	299.5
25°	367.1	350.2	312.2	281.4	267.8	269.1	277.1	284.7	291.1	299.5	301.6
27.5°	373.0	352.8	307.6	273.8	260.2	264.5	275.0	284.3	291.1	299.1	301.6
30°	379.0	355.3	303.8	265.7	252.6	258.1	270.8	282.2	289.0	296.2	299.5
32.5°	385.7	358.7	300.4	257.7	244.2	250.9	264.9	277.6	285.6	291.9	295.3
35°	392.9	363.7	297.8	250.5	235.7	241.7	256.0	271.6	279.7	285.6	288.5
37.5°	402.2	369.2	296.2	243.3	226.9	231.9	246.7	263.2	272.5	277.1	280.9
40°	412.3	377.3	296.2	237.4	218.4	221.8	237.0	254.8	264.0	267.8	271.6
42.5°	422.5	385.3	295.7	231.5	209.5	212.1	227.3	245.5	254.3	257.3	260.2
45°	434.3	394.6	295.3	224.8	199.8	202.4	218.0	236.2	244.6	247.1	249.7
47.5°	447.0	403.9	293.6	216.3	191.0	193.1	208.7	225.6	234.0	237.0	239.5
50°	458.4	412.8	289.4	206.6	182.9	185.0	199.0	212.9	220.5	223.9	226.4
52.5°	468.5	419.1	282.6	195.6	174.1	176.6	187.2	199.4	205.3	207.9	209.5
55°	476.5	422.5	271.6	185.0	165.6	166.9	175.3	186.3	191.0	191.4	192.6
57.5°	482.0	422.0	256.9	172.8	157.2	157.6	163.5	173.2	176.6	176.2	177.0
60°	483.3	416.6	239.1	161.4	148.7	147.4	153.4	160.1	162.2	163.9	166.0
62.5°	478.2	403.5	218.8	150.0	140.3	138.1	142.4	148.3	151.7	152.5	153.4
65°	459.6	379.4	194.3	138.1	131.8	128.0	132.7	141.1	146.6	148.3	147.9
67°	427.1	345.6	173.2	129.3	123.4	120.0	126.7	135.6	139.4	142.0	142.0
67.5°	416.6	333.3	166.0	126.3	121.2	118.3	124.6	133.1	138.1	141.1	141.1
70°	353.6	273.3	140.3	111.5	109.0	109.4	117.0	126.3	132.7	135.6	135.6
72.5°	269.5	211.7	114.1	97.2	96.3	99.3	109.0	117.4	125.5	130.5	130.1
75°	152.9	122.1	83.2	79.4	82.8	88.7	101.0	110.3	117.4	122.5	122.1
77.5°	89.1	73.5	57.5	54.5	64.2	77.7	90.4	102.2	107.3	109.0	107.7
80°	45.2	38.4	35.9	37.2	43.1	57.9	79.0	92.9	96.7	98.0	96.7
82.5°	14.4	13.1	14.4	19.0	28.7	45.6	63.8	84.1	88.7	88.7	88.3
85°	0.8	0.8	0.8	8.4	19.9	33.8	49.9	73.5	83.2	82.4	81.1
87.5°	0.4	0.4	0.4	5.5	15.6	28.3	43.9	66.8	79.4	73.5	69.3
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)