

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: P1211764

Luminaire Tested: **GKO-PB1C-735-U-T4W**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211764
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1C-735-U-T4W
Description: GEKKO WALL PACK 2500LM PACKAGE 70CRI 3500K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

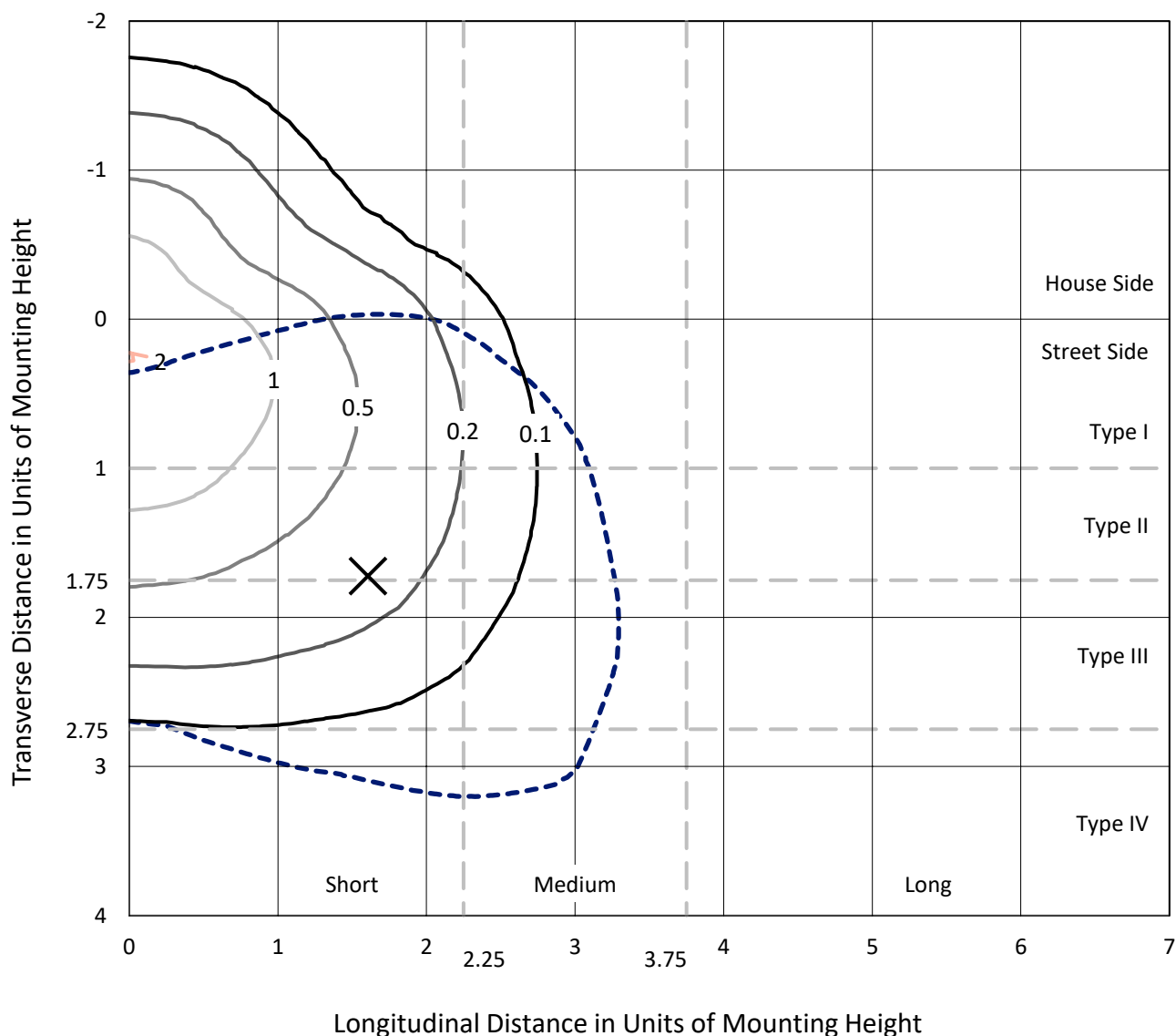
Lumens per Lamp: N/A
Luminaire Lumens: 2382.3 lumens
Efficiency: N/A
Efficacy: 140.1 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

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

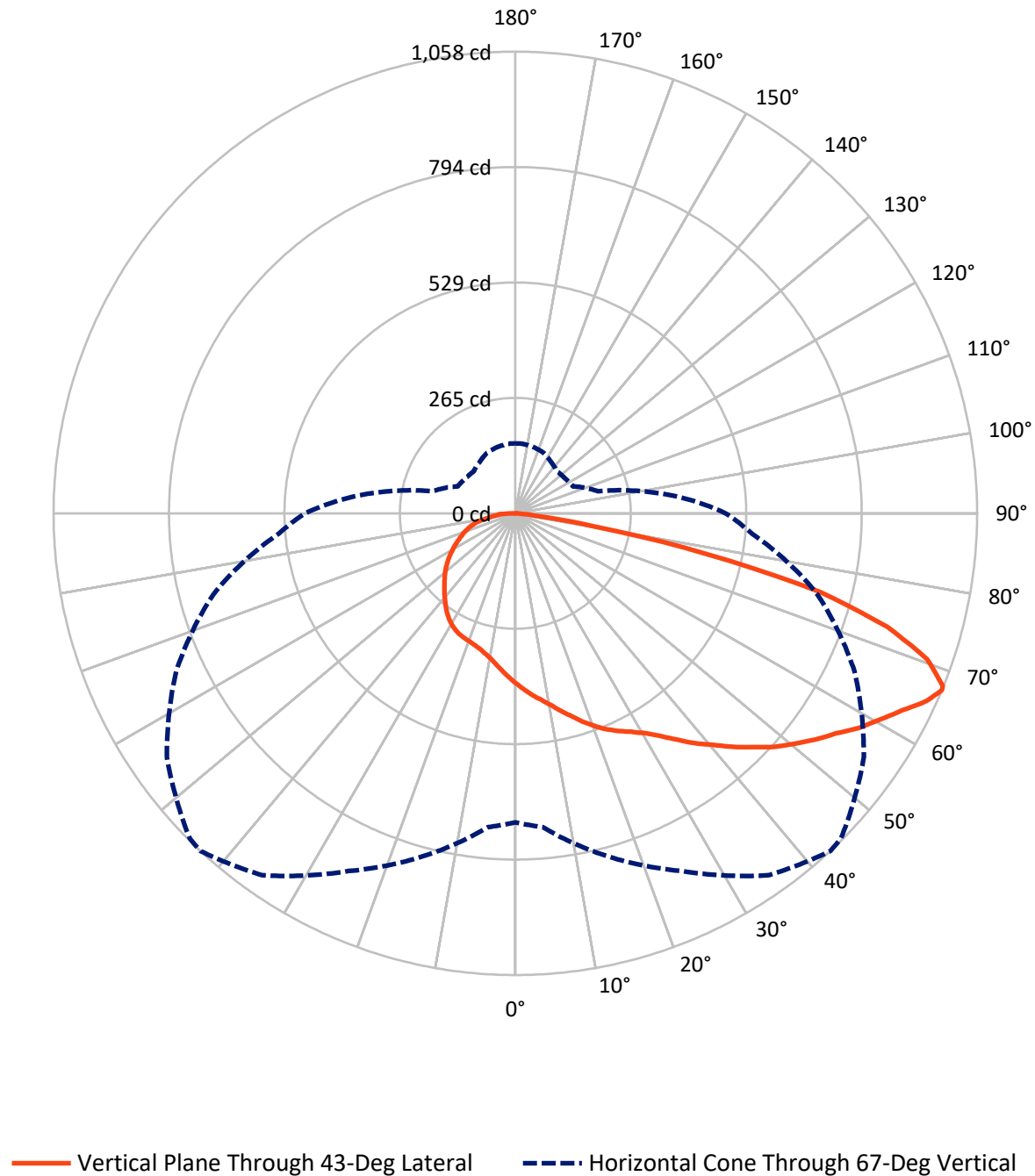
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2 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	640.8	0.0	640.8
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	1741.5	0.0	1741.5
	% Fixture	73.1	0.0	73.1
Total	Lumens	2382.3	0.0	2382.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.4	1.6
10°-20°	114.9	4.8
20°-30°	198.9	8.3
30°-40°	295.1	12.4
40°-50°	401.0	16.8
50°-60°	492.2	20.7
60°-70°	518.8	21.8
70°-80°	286.3	12.0
80°-90°	37.7	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°	2382.3	100.0
0°-180°	2382.3	100.0



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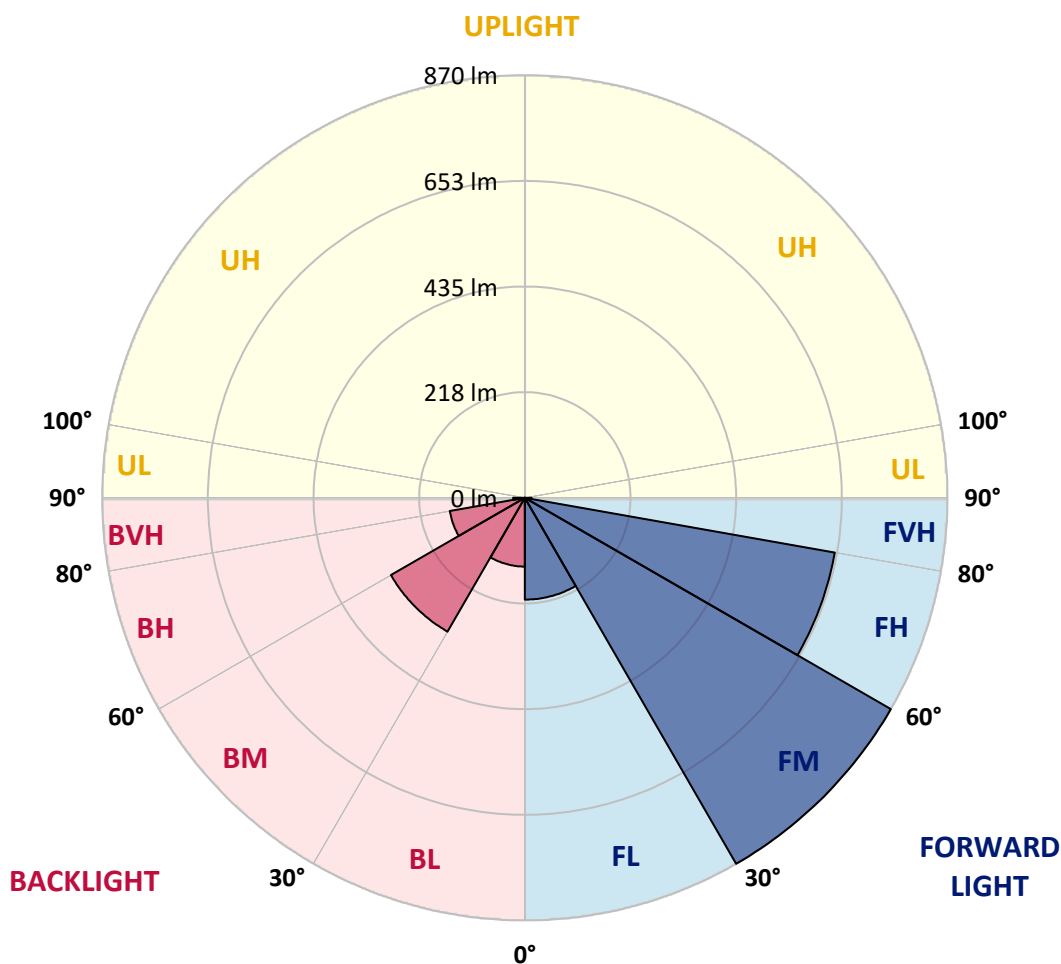
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	209.6	8.8			
FM	(30°-60°)	870.1	36.5			
FH	(60°-80°)	648.1	27.2			G0/660
FVH	(80°-90°)	13.8	0.6			G1/100
BL	(0°-30°)	141.6	5.9	B1/500		
BM	(30°-60°)	318.2	13.4	B1/1000		
BH	(60°-80°)	157.0	6.6	B1/500		G1/500
BVH	(80°-90°)	23.9	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°	391.0	391.0	391.0	391.0	391.0	391.0	391.0	391.0	391.0	391.0	391.0
2.5°	409.1	410.1	409.1	408.2	406.3	405.3	404.4	402.0	399.1	394.8	391.5
5°	427.3	427.3	425.8	424.9	422.0	419.1	417.7	412.0	405.8	398.6	392.0
7.5°	443.9	445.9	443.5	441.1	436.8	432.0	431.1	422.5	413.9	404.4	394.4
10°	464.9	466.4	463.0	461.1	453.0	446.8	444.9	434.4	423.0	411.0	398.2
12.5°	486.4	487.3	485.0	480.7	472.1	464.4	461.6	447.8	433.0	418.7	402.5
15°	505.0	505.9	505.0	500.2	492.1	482.6	478.8	463.5	445.4	426.8	407.7
17.5°	518.8	520.7	520.7	518.3	511.2	502.1	499.7	480.7	459.7	436.3	413.9
20°	530.7	531.7	533.6	532.2	528.3	520.7	517.4	499.3	474.0	447.3	420.1
22.5°	540.3	541.2	544.6	544.1	541.7	537.9	534.5	517.9	490.7	458.2	425.8
25°	557.0	556.5	558.4	557.0	554.1	552.7	550.8	536.0	507.4	471.1	433.5
27.5°	586.0	585.1	583.2	576.0	568.9	567.0	565.5	555.0	526.9	485.9	442.0
30°	629.0	629.9	620.9	604.6	590.3	584.6	582.7	575.6	548.8	503.1	451.6
32.5°	680.0	679.5	664.7	641.8	619.4	608.0	604.2	596.5	570.8	520.2	462.5
35°	716.7	715.7	708.1	687.6	664.2	637.1	629.9	618.0	594.1	539.8	473.5
37.5°	766.3	764.9	750.1	728.6	707.6	668.5	660.4	644.2	616.6	558.9	485.9
40°	823.0	814.0	789.7	767.7	739.1	697.6	690.9	670.0	642.3	582.2	500.2
42.5°	874.5	861.2	829.7	802.1	766.3	732.0	723.4	698.6	667.1	603.7	515.0
45°	951.8	919.4	874.1	857.8	795.9	764.4	757.2	726.7	694.3	627.1	529.8
47.5°	942.2	919.4	904.6	902.7	826.9	799.7	789.2	757.7	723.4	651.8	545.0
50°	960.8	942.7	943.7	920.3	855.0	829.7	822.1	790.1	752.9	676.2	561.2
52.5°	957.0	962.3	959.4	923.2	882.2	861.2	855.5	823.5	781.1	699.5	575.6
55°	987.5	984.7	978.5	942.7	912.2	890.7	886.0	858.3	809.7	719.6	588.0
57.5°	1010.0	995.2	994.7	964.7	945.6	927.9	920.3	894.1	836.4	737.2	597.5
60°	996.1	978.5	991.4	968.0	966.1	959.4	955.1	925.6	860.2	750.6	601.3
62.5°	922.2	926.5	964.7	963.2	988.5	994.7	989.9	947.5	876.0	755.3	598.4
65°	824.5	837.3	896.0	946.1	1014.7	1036.2	1031.4	963.2	874.5	744.4	579.4
67°	708.1	721.9	813.5	904.6	1012.3	1058.1	1054.8	974.7	857.4	716.2	545.0
67.5°	682.4	698.1	789.7	885.5	1003.8	1056.2	1053.8	975.6	851.6	702.9	531.7
70°	502.1	520.7	649.9	778.2	935.1	1000.9	1000.4	939.9	792.5	630.4	461.1
72.5°	312.8	329.5	463.5	607.0	810.2	891.2	887.9	818.7	682.4	514.5	363.8
75°	191.7	202.2	291.8	395.8	587.5	721.5	726.2	639.9	465.4	305.7	205.5
77.5°	117.3	128.7	184.1	244.1	359.1	448.7	449.7	354.8	238.9	166.4	112.5
80°	65.3	68.2	95.8	127.8	184.1	185.0	177.4	156.4	124.0	80.1	57.7
82.5°	25.7	27.7	41.5	51.5	52.5	54.8	51.0	46.3	39.1	25.7	18.1
85°	0.0	0.0	0.0	1.0	3.3	6.7	6.7	4.8	1.9	1.4	1.4
87.5°	0.0	0.0	0.0	0.5	0.5	0.5	0.5	0.5	0.5	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°	391.0	391.0	391.0	391.0	391.0	391.0	391.0	391.0	391.0	391.0	391.0
2.5°	390.5	390.1	386.7	382.9	380.0	377.7	375.3	372.4	372.4	373.4	372.9
5°	389.6	387.2	381.0	374.3	369.1	364.3	360.0	356.2	355.7	356.2	356.7
7.5°	390.1	385.8	376.2	366.2	357.6	351.4	345.2	342.4	341.9	341.9	341.9
10°	392.0	385.8	372.9	359.1	348.6	339.5	332.8	330.0	330.5	330.9	331.4
12.5°	395.3	386.7	370.5	352.9	339.5	330.5	323.8	321.4	323.3	325.7	326.2
15°	398.6	388.6	368.1	347.6	332.4	322.3	317.6	317.1	320.4	324.7	325.7
17.5°	402.5	390.1	365.3	340.9	324.7	316.6	314.2	315.7	320.9	327.6	329.0
20°	406.3	392.0	361.9	334.7	317.6	311.9	313.3	317.6	324.3	332.4	333.8
22.5°	410.1	393.4	357.6	327.1	309.9	308.0	313.3	320.4	327.1	336.2	338.1
25°	414.4	395.3	352.4	317.6	302.3	303.8	312.8	321.4	328.5	338.1	340.5
27.5°	421.1	398.2	347.1	309.0	293.7	298.5	310.4	320.9	328.5	337.6	340.5
30°	427.7	401.0	342.9	299.9	285.2	291.4	305.7	318.5	326.2	334.3	338.1
32.5°	435.4	404.8	339.0	290.9	275.6	283.2	299.0	313.3	322.3	329.5	333.3
35°	443.5	410.6	336.2	282.8	266.1	272.8	289.0	306.6	315.7	322.3	325.7
37.5°	454.0	416.8	334.3	274.7	256.1	261.8	278.5	297.1	307.6	312.8	317.1
40°	465.4	425.8	334.3	268.0	246.5	250.3	267.5	287.5	298.0	302.3	306.6
42.5°	476.8	434.9	333.8	261.3	236.5	239.4	256.5	277.0	287.1	290.4	293.7
45°	490.2	445.4	333.3	253.7	225.5	228.4	246.1	266.6	276.1	279.0	281.8
47.5°	504.5	455.9	331.4	244.1	215.5	217.9	235.6	254.6	264.2	267.5	270.4
50°	517.4	465.9	326.6	233.2	206.5	208.9	224.6	240.3	248.9	252.7	255.6
52.5°	528.8	473.0	319.0	220.8	196.5	199.3	211.2	225.1	231.7	234.6	236.5
55°	537.9	476.8	306.6	208.9	186.9	188.4	197.9	210.3	215.5	216.0	217.4
57.5°	544.1	476.4	289.9	195.0	177.4	177.9	184.5	195.5	199.3	198.8	199.8
60°	545.5	470.2	269.9	182.2	167.8	166.4	173.1	180.7	183.1	185.0	187.4
62.5°	539.8	455.4	247.0	169.3	158.3	155.9	160.7	167.4	171.2	172.1	173.1
65°	518.8	428.2	219.3	155.9	148.8	144.5	149.7	159.3	165.5	167.4	166.9
67°	482.1	390.1	195.5	145.9	139.2	135.4	143.1	153.1	157.4	160.2	160.2
67.5°	470.2	376.2	187.4	142.6	136.9	133.5	140.7	150.2	155.9	159.3	159.3
70°	399.1	308.5	158.3	125.9	123.0	123.5	132.1	142.6	149.7	153.1	153.1
72.5°	304.2	238.9	128.7	109.7	108.7	112.1	123.0	132.6	141.6	147.3	146.9
75°	172.6	137.8	93.9	89.6	93.5	100.1	114.0	124.5	132.6	138.3	137.8
77.5°	100.6	83.0	64.9	61.5	72.5	87.7	102.0	115.4	121.1	123.0	121.6
80°	51.0	43.4	40.5	42.0	48.6	65.3	89.2	104.9	109.2	110.6	109.2
82.5°	16.2	14.8	16.2	21.5	32.4	51.5	72.0	94.9	100.1	100.1	99.7
85°	1.0	1.0	1.0	9.5	22.4	38.1	56.3	83.0	93.9	93.0	91.6
87.5°	0.5	0.5	0.5	6.2	17.6	31.9	49.6	75.3	89.6	83.0	78.2
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)