

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: P1211784

Luminaire Tested: **GKO-PB1C-830-U-T4W**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211784
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1C-830-U-T4W
Description: GEKKO WALL PACK 2500LM PACKAGE 80CRI 3000K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source: (10) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

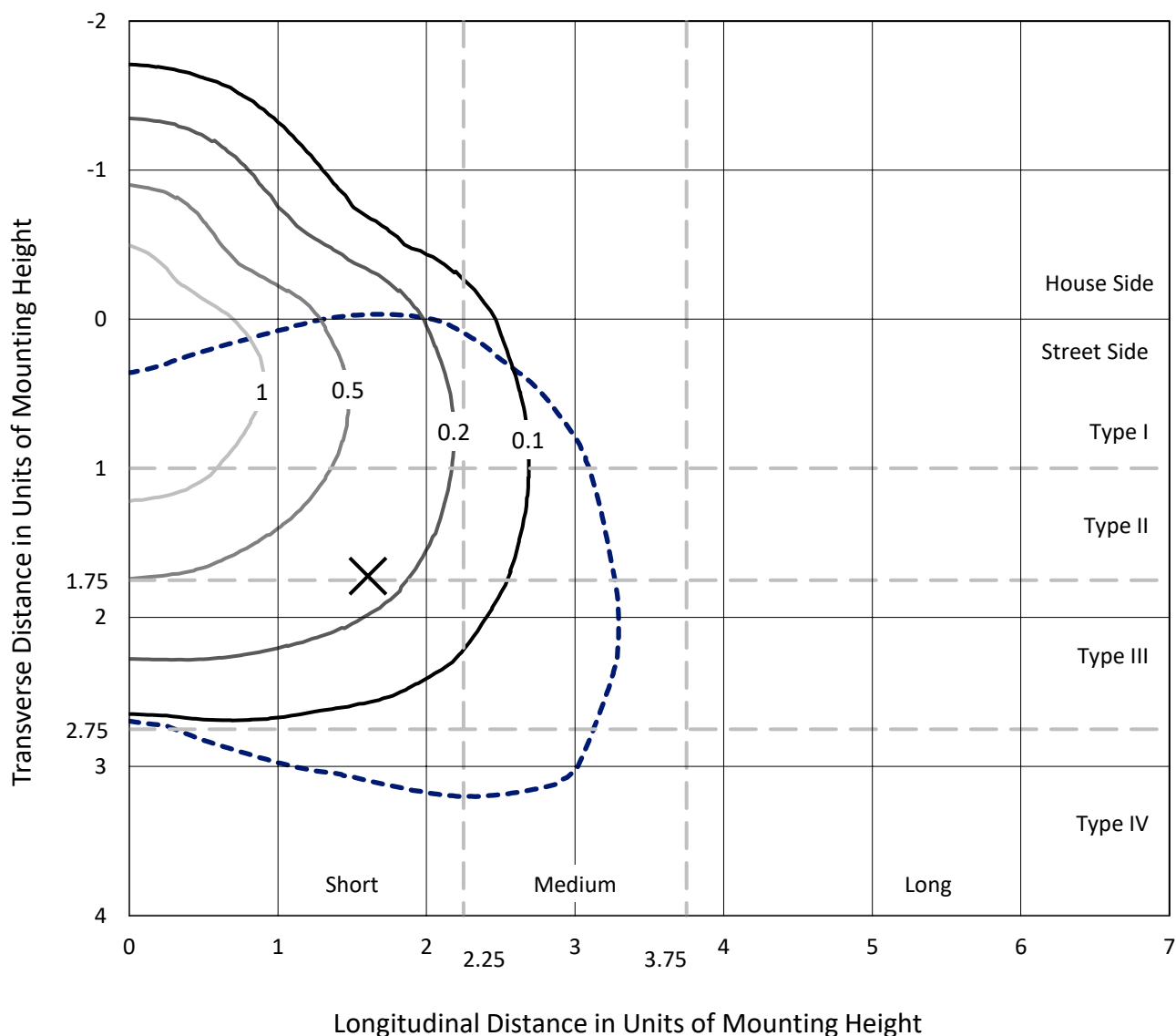
Lumens per Lamp: N/A
Luminaire Lumens: 2192.8 lumens
Efficiency: N/A
Efficacy: 129.0 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

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

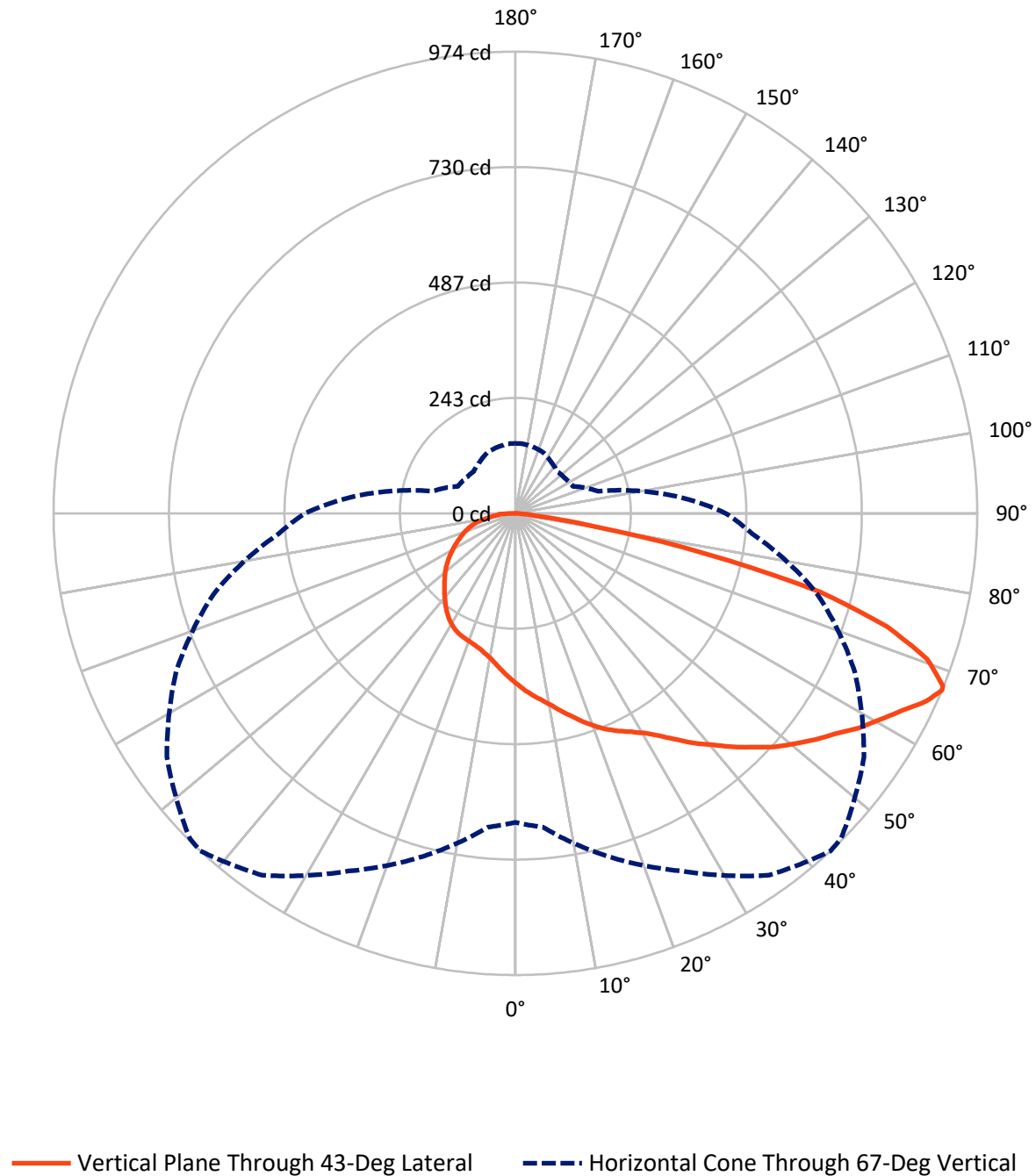
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.9 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	589.8	0.0	589.8
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	1603.0	0.0	1603.0
	% Fixture	73.1	0.0	73.1
Total	Lumens	2192.8	0.0	2192.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.4	1.6
10°-20°	105.7	4.8
20°-30°	183.1	8.3
30°-40°	271.7	12.4
40°-50°	369.1	16.8
50°-60°	453.1	20.7
60°-70°	477.5	21.8
70°-80°	263.6	12.0
80°-90°	34.7	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°	2192.8	100.0
0°-180°	2192.8	100.0

Coefficient of Utilization



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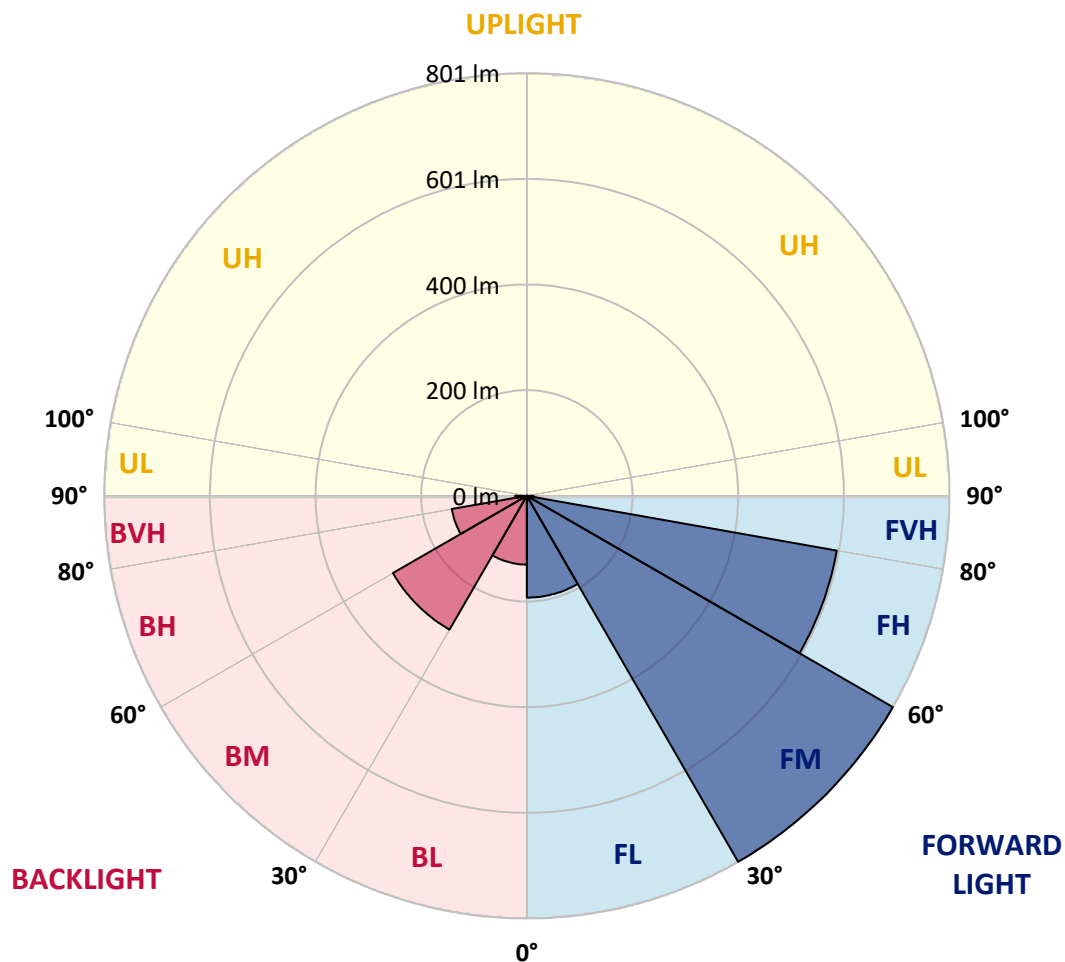
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	192.9	8.8			
FM	(30°-60°)	800.9	36.5			
FH	(60°-80°)	596.5	27.2			G0/660
FVH	(80°-90°)	12.7	0.6			G1/100
BL	(0°-30°)	130.3	5.9	B1/500		
BM	(30°-60°)	292.9	13.4	B1/1000		
BH	(60°-80°)	144.5	6.6	B1/500		G1/500
BVH	(80°-90°)	22.0	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°	359.9	359.9	359.9	359.9	359.9	359.9	359.9	359.9	359.9	359.9	359.9
2.5°	376.6	377.5	376.6	375.7	374.0	373.1	372.2	370.0	367.4	363.4	360.3
5°	393.3	393.3	391.9	391.1	388.4	385.8	384.5	379.2	373.5	366.9	360.8
7.5°	408.6	410.4	408.2	406.0	402.0	397.7	396.8	388.9	381.0	372.2	363.0
10°	427.9	429.3	426.2	424.4	417.0	411.3	409.5	399.8	389.3	378.3	366.5
12.5°	447.7	448.6	446.4	442.4	434.5	427.5	424.9	412.1	398.5	385.4	370.4
15°	464.8	465.7	464.8	460.4	453.0	444.2	440.7	426.6	409.9	392.8	375.3
17.5°	477.5	479.3	479.3	477.1	470.5	462.2	460.0	442.4	423.1	401.6	381.0
20°	488.5	489.4	491.1	489.8	486.3	479.3	476.2	459.5	436.3	411.7	386.7
22.5°	497.3	498.2	501.2	500.8	498.6	495.1	492.0	476.7	451.6	421.8	391.9
25°	512.7	512.2	514.0	512.7	510.0	508.7	506.9	493.3	467.0	433.6	399.0
27.5°	539.4	538.5	536.8	530.2	523.6	521.9	520.6	510.9	485.0	447.3	406.9
30°	578.9	579.8	571.5	556.5	543.4	538.1	536.4	529.8	505.2	463.1	415.7
32.5°	625.9	625.5	611.8	590.8	570.1	559.6	556.1	549.1	525.4	478.9	425.7
35°	659.7	658.8	651.8	632.9	611.4	586.4	579.8	568.8	546.9	496.8	435.8
37.5°	705.3	704.0	690.4	670.7	651.3	615.4	607.9	593.0	567.5	514.4	447.3
40°	757.6	749.2	726.8	706.6	680.3	642.1	636.0	616.7	591.2	535.9	460.4
42.5°	805.0	792.7	763.7	738.3	705.3	673.7	665.8	643.0	614.0	555.7	474.0
45°	876.1	846.2	804.5	789.6	732.5	703.6	697.0	668.9	639.1	577.2	487.6
47.5°	867.3	846.2	832.6	830.9	761.1	736.1	726.4	697.4	665.8	600.0	501.7
50°	884.4	867.7	868.6	847.1	787.0	763.7	756.7	727.3	693.0	622.4	516.6
52.5°	880.9	885.7	883.1	849.7	812.0	792.7	787.4	758.0	718.9	643.9	529.8
55°	909.0	906.4	900.6	867.7	839.6	819.9	815.5	790.0	745.3	662.3	541.2
57.5°	929.6	916.0	915.6	887.9	870.4	854.1	847.1	823.0	769.9	678.6	550.0
60°	916.9	900.6	912.5	891.0	889.2	883.1	879.1	851.9	791.8	690.8	553.5
62.5°	848.9	852.8	887.9	886.6	909.9	915.6	911.2	872.1	806.3	695.2	550.8
65°	758.9	770.7	824.7	870.8	934.0	953.8	949.4	886.6	805.0	685.1	533.3
67°	651.8	664.5	748.8	832.6	931.8	973.9	970.9	897.1	789.2	659.2	501.7
67.5°	628.1	642.6	726.8	815.1	923.9	972.2	970.0	898.0	783.9	647.0	489.4
70°	462.2	479.3	598.2	716.3	860.7	921.3	920.8	865.1	729.5	580.2	424.4
72.5°	287.9	303.3	426.6	558.7	745.7	820.3	817.3	753.6	628.1	473.6	334.9
75°	176.4	186.1	268.6	364.3	540.7	664.1	668.5	589.0	428.4	281.3	189.2
77.5°	108.0	118.5	169.4	224.7	330.5	413.0	413.9	326.6	219.9	153.2	103.6
80°	60.1	62.8	88.2	117.6	169.4	170.3	163.3	144.0	114.1	73.7	53.1
82.5°	23.7	25.5	38.2	47.4	48.3	50.5	47.0	42.6	36.0	23.7	16.7
85°	0.0	0.0	0.0	0.9	3.1	6.1	6.1	4.4	1.8	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°	359.9	359.9	359.9	359.9	359.9	359.9	359.9	359.9	359.9	359.9	359.9
2.5°	359.5	359.0	356.0	352.4	349.8	347.6	345.4	342.8	342.8	343.7	343.2
5°	358.6	356.4	350.7	344.5	339.7	335.3	331.4	327.9	327.4	327.9	328.3
7.5°	359.0	355.1	346.3	337.1	329.2	323.5	317.8	315.1	314.7	314.7	314.7
10°	360.8	355.1	343.2	330.5	320.8	312.5	306.4	303.7	304.2	304.6	305.0
12.5°	363.9	356.0	341.0	324.8	312.5	304.2	298.0	295.8	297.6	299.8	300.2
15°	366.9	357.7	338.8	320.0	305.9	296.7	292.3	291.9	294.9	298.9	299.8
17.5°	370.4	359.0	336.2	313.8	298.9	291.4	289.2	290.6	295.4	301.5	302.8
20°	374.0	360.8	333.1	308.1	292.3	287.0	288.4	292.3	298.5	305.9	307.2
22.5°	377.5	362.1	329.2	301.1	285.3	283.5	288.4	294.9	301.1	309.4	311.2
25°	381.4	363.9	324.4	292.3	278.3	279.6	287.9	295.8	302.4	311.2	313.4
27.5°	387.6	366.5	319.5	284.4	270.4	274.8	285.7	295.4	302.4	310.8	313.4
30°	393.7	369.1	315.6	276.1	262.5	268.2	281.3	293.2	300.2	307.7	311.2
32.5°	400.7	372.6	312.1	267.7	253.7	260.7	275.2	288.4	296.7	303.3	306.8
35°	408.2	377.9	309.4	260.3	244.9	251.1	266.0	282.2	290.6	296.7	299.8
37.5°	417.8	383.6	307.7	252.8	235.7	241.0	256.3	273.4	283.1	287.9	291.9
40°	428.4	391.9	307.7	246.7	226.9	230.4	246.2	264.7	274.3	278.3	282.2
42.5°	438.9	400.3	307.2	240.5	217.7	220.3	236.1	255.0	264.2	267.3	270.4
45°	451.2	409.9	306.8	233.5	207.6	210.2	226.5	245.4	254.1	256.8	259.4
47.5°	464.4	419.6	305.0	224.7	198.4	200.6	216.8	234.4	243.2	246.2	248.9
50°	476.2	428.8	300.7	214.6	190.0	192.2	206.7	221.2	229.1	232.6	235.3
52.5°	486.8	435.4	293.6	203.2	180.8	183.5	194.4	207.2	213.3	215.9	217.7
55°	495.1	438.9	282.2	192.2	172.1	173.4	182.1	193.6	198.4	198.8	200.1
57.5°	500.8	438.5	266.9	179.5	163.3	163.7	169.9	180.0	183.5	183.0	183.9
60°	502.1	432.8	248.4	167.7	154.5	153.2	159.3	166.3	168.5	170.3	172.5
62.5°	496.8	419.2	227.4	155.8	145.7	143.5	147.9	154.1	157.6	158.4	159.3
65°	477.5	394.1	201.9	143.5	136.9	133.0	137.8	146.6	152.3	154.1	153.6
67°	443.7	359.0	180.0	134.3	128.2	124.7	131.7	140.9	144.8	147.5	147.5
67.5°	432.8	346.3	172.5	131.2	126.0	122.9	129.5	138.3	143.5	146.6	146.6
70°	367.4	284.0	145.7	115.9	113.2	113.7	121.6	131.2	137.8	140.9	140.9
72.5°	280.0	219.9	118.5	100.9	100.1	103.1	113.2	122.0	130.4	135.6	135.2
75°	158.9	126.8	86.5	82.5	86.0	92.2	104.9	114.6	122.0	127.3	126.8
77.5°	92.6	76.4	59.7	56.6	66.7	80.8	93.9	106.2	111.5	113.2	111.9
80°	47.0	39.9	37.3	38.6	44.8	60.1	82.1	96.6	100.5	101.8	100.5
82.5°	14.9	13.6	14.9	19.8	29.8	47.4	66.3	87.3	92.2	92.2	91.7
85°	0.9	0.9	0.9	8.8	20.6	35.1	51.8	76.4	86.5	85.6	84.3
87.5°	0.4	0.4	0.4	5.7	16.2	29.4	45.6	69.3	82.5	76.4	72.0
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)