

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: P1211825

Luminaire Tested: **GKO-PB1B-735-U-T3**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211825
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1B-735-U-T3
Description: GEKKO WALL PACK 1500LM PACKAGE 70CRI 3500K FIXTURE w/ TYPE III
DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

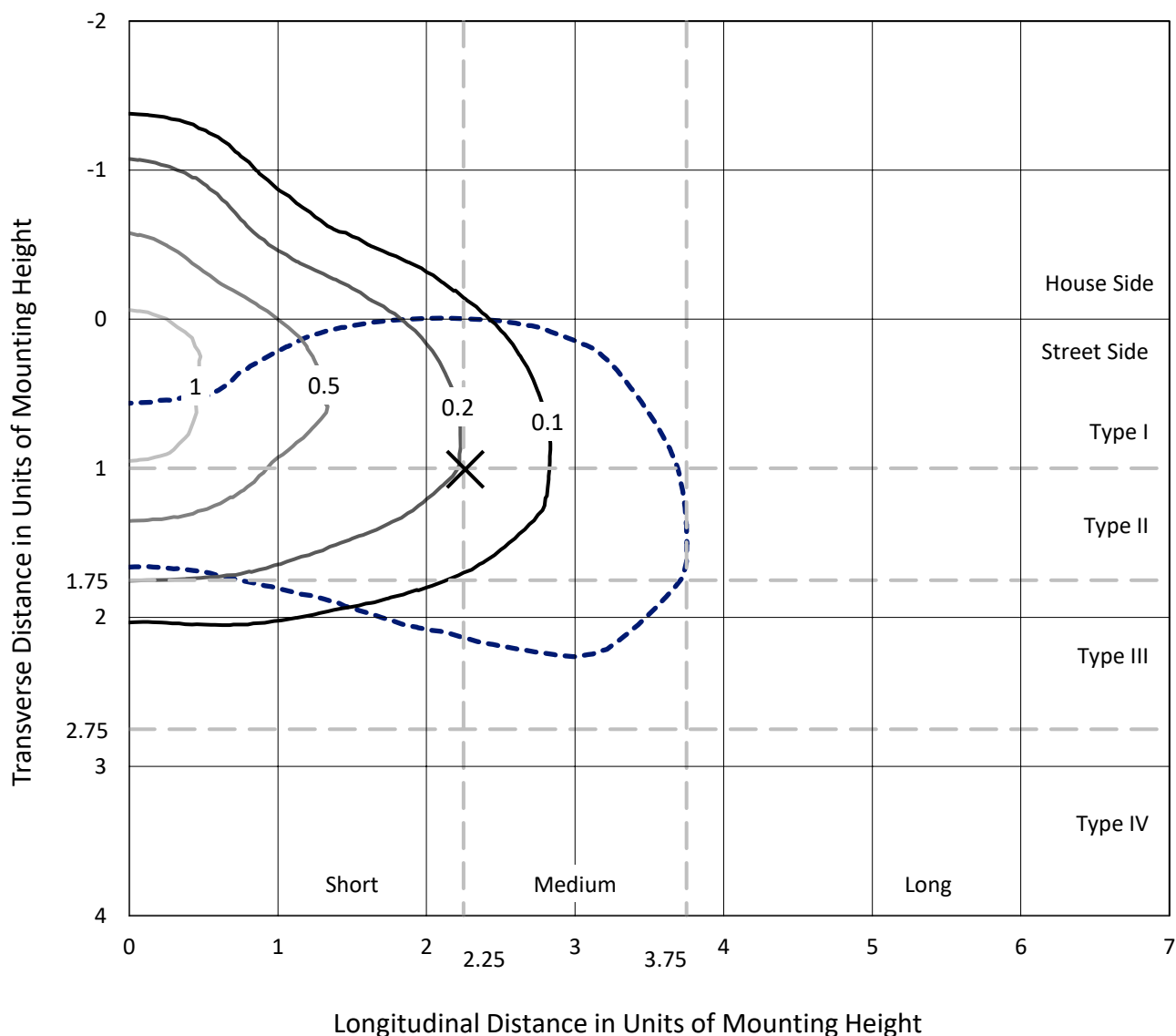
Lumens per Lamp: N/A
Luminaire Lumens: 1431 lumens
Efficiency: N/A
Efficacy: 153.9 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B0 - U0 - G0

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

REPORT NUMBER: P1211825
 CATALOG NUMBER: GKO-PB1B-735-U-T3

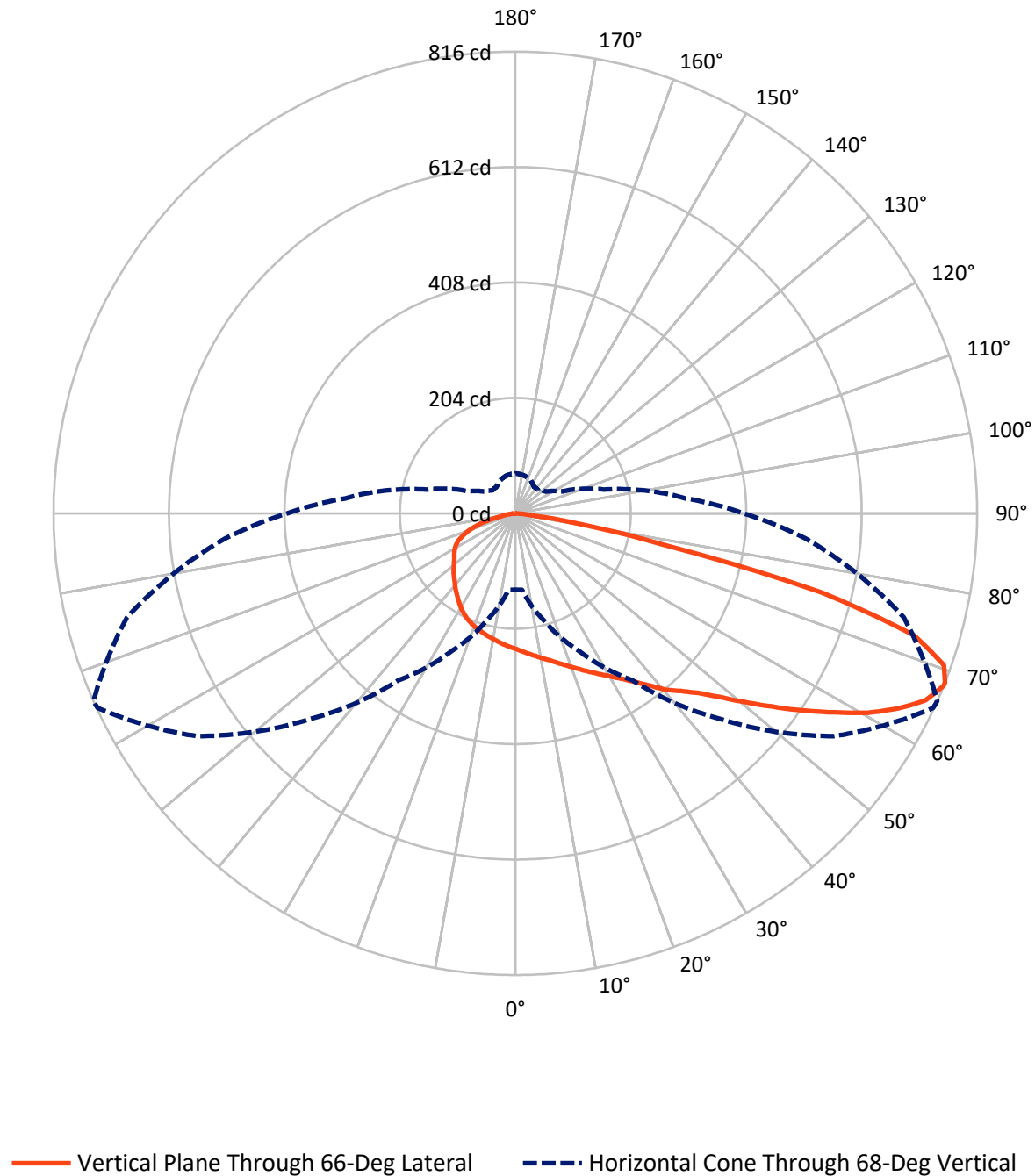
Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd



REPORT NUMBER: P1211825
CATALOG NUMBER: GKO-PB1B-735-U-T3

Luminous Intensity Polar Plot



REPORT NUMBER: P1211825

CATALOG NUMBER: GKO-PB1B-735-U-T3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	366.4	0.0	366.4
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	1064.6	0.0	1064.6
	% Fixture	74.4	0.0	74.4
Total	Lumens	1431.0	0.0	1431.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.0	1.6
10°-20°	69.2	4.8
20°-30°	119.3	8.3
30°-40°	185.0	12.9
40°-50°	253.4	17.7
50°-60°	302.3	21.1
60°-70°	302.9	21.2
70°-80°	160.3	11.2
80°-90°	15.5	1.1
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°	1431.0	100.0
0°-180°	1431.0	100.0



REPORT NUMBER: P1211825

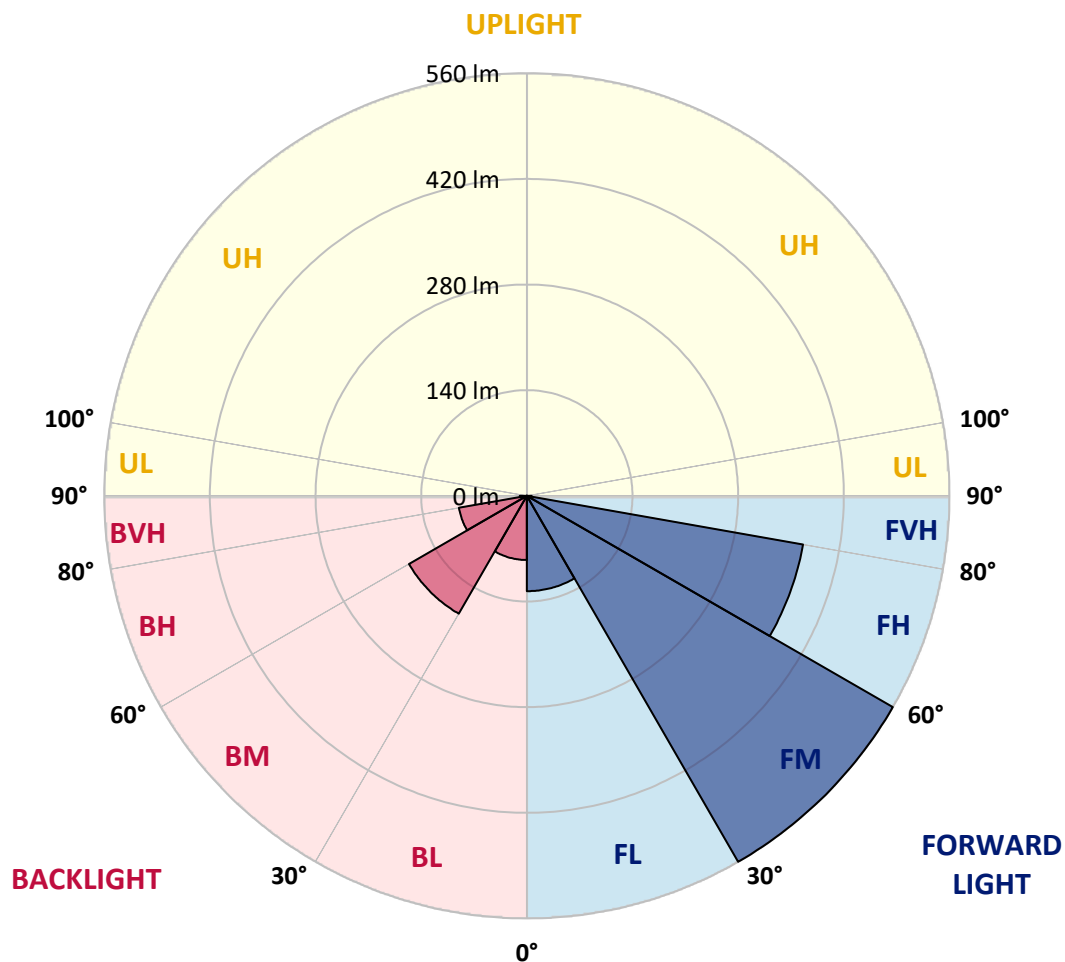
CATALOG NUMBER: GKO-PB1B-735-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	126.4	8.8			
FM	(30°-60°)	560.3	39.2			
FH	(60°-80°)	371.9	26.0			G0/660
FVH	(80°-90°)	6.1	0.4			G0/10
BL	(0°-30°)	85.1	5.9	B0/110		
BM	(30°-60°)	180.5	12.6	B0/220		
BH	(60°-80°)	91.4	6.4	B0/110		G0/110
BVH	(80°-90°)	9.4	0.7			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 III Medium





REPORT NUMBER: P1211825

CATALOG NUMBER: GKO-PB1B-735-U-T3

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	240.0	240.0	240.0	240.0	240.0	240.0	240.0	240.0	240.0	240.0	240.0
2.5°	250.0	250.0	249.5	249.2	248.9	247.2	246.1	244.7	244.7	242.5	240.6
5°	258.6	258.9	257.8	257.8	256.7	254.5	252.2	249.5	249.5	246.1	242.2
7.5°	266.1	267.0	265.8	265.8	264.7	262.2	258.6	254.7	254.7	250.0	244.5
10°	273.3	273.9	273.3	273.9	272.2	270.0	265.8	260.6	260.3	254.5	246.7
12.5°	279.2	279.7	280.0	280.8	279.5	277.8	273.9	267.2	266.4	259.5	249.5
15°	284.7	285.3	286.1	287.2	287.0	285.6	282.0	274.5	273.9	265.0	253.1
17.5°	289.2	289.5	291.1	293.3	293.9	294.2	290.3	282.5	282.0	271.4	257.0
20°	295.6	296.1	297.8	300.0	301.7	302.8	299.7	291.1	290.6	278.9	262.0
22.5°	310.0	309.2	310.0	310.0	310.8	312.5	310.3	301.7	300.6	287.8	268.1
25°	337.2	336.4	334.2	329.2	323.6	323.3	320.8	312.5	311.1	297.0	273.9
27.5°	375.3	373.3	369.2	358.6	345.3	336.7	332.8	324.2	322.5	306.1	279.5
30°	415.6	417.8	410.8	396.4	372.0	353.6	346.1	336.4	335.0	316.4	286.1
32.5°	462.5	462.8	455.8	435.8	404.2	375.0	362.2	350.3	349.2	328.3	295.0
35°	489.7	490.8	487.8	469.2	433.1	398.6	381.7	367.2	366.4	343.3	306.1
37.5°	518.1	520.6	515.8	495.3	455.0	420.6	403.3	387.5	386.7	360.6	320.0
40°	560.0	558.9	553.9	523.6	475.6	438.9	424.7	412.2	410.3	381.7	334.2
42.5°	590.3	593.1	582.2	548.1	498.1	457.2	446.1	432.0	429.5	394.5	342.5
45°	600.6	598.1	586.1	561.1	527.5	473.9	466.4	455.6	453.1	417.0	358.9
47.5°	602.8	598.4	587.8	568.9	552.5	495.6	491.1	488.6	485.0	445.3	378.6
50°	589.2	586.1	581.1	571.7	568.6	515.8	518.1	527.2	524.2	475.8	400.6
52.5°	558.4	557.0	561.4	567.5	559.5	533.3	550.0	568.6	567.5	509.5	424.2
55°	500.3	500.3	525.3	546.7	551.4	544.7	584.5	616.4	615.0	547.2	446.7
57.5°	447.2	448.1	468.9	517.0	537.0	557.0	622.8	666.4	664.2	589.7	470.3
60°	380.3	380.3	412.0	472.2	516.1	566.4	656.7	714.7	716.1	630.9	493.6
62.5°	301.1	302.0	345.8	416.7	486.1	568.1	683.6	760.3	760.0	668.1	511.7
65°	222.0	222.2	282.0	355.0	441.1	556.4	698.4	795.3	797.0	697.5	522.2
67.5°	144.2	146.9	207.5	288.1	377.5	523.3	690.6	813.9	815.9	711.1	518.9
68°	135.0	135.6	196.4	269.7	360.3	515.0	687.0	814.7	816.4	710.9	515.6
70°	87.5	87.5	140.6	210.6	287.5	463.1	655.6	801.7	803.6	698.6	491.4
72.5°	47.2	48.1	80.3	127.5	196.4	358.3	591.7	733.6	737.0	631.7	429.7
75°	33.1	33.6	46.7	71.4	106.9	233.3	462.5	560.6	560.0	436.4	269.2
77.5°	23.9	23.9	26.7	44.4	56.1	106.7	228.9	270.0	267.0	213.1	135.8
80°	15.6	15.6	16.7	23.3	26.9	32.5	70.0	116.9	119.2	103.9	67.8
82.5°	6.4	6.7	7.2	9.4	9.7	13.6	20.0	33.6	32.5	26.4	19.2
85°	0.8	0.8	1.1	1.4	1.7	3.1	2.8	2.8	2.8	3.3	3.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.8	0.8	1.1	0.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1211825

CATALOG NUMBER: GKO-PB1B-735-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	240.0	240.0	240.0	240.0	240.0	240.0	240.0	240.0	240.0	240.0	240.0
2.5°	240.0	240.0	238.3	236.7	235.0	233.6	231.7	230.3	230.6	231.4	231.1
5°	241.4	240.0	236.7	233.1	230.3	227.8	224.2	222.2	222.0	222.5	222.2
7.5°	242.2	240.0	235.0	229.5	225.0	221.7	216.7	214.7	213.9	214.2	214.2
10°	243.9	240.3	233.3	225.6	220.0	215.3	210.0	207.2	206.4	206.4	206.1
12.5°	245.8	240.8	231.7	222.2	215.0	209.5	203.3	200.3	199.5	199.5	199.2
15°	247.8	241.7	230.0	218.6	210.3	203.6	197.8	194.2	193.1	193.1	193.6
17.5°	250.3	242.5	228.3	215.3	205.3	197.8	191.7	188.1	186.7	187.5	188.1
20°	252.8	244.2	226.7	211.7	200.3	192.5	186.4	182.8	181.4	182.8	183.1
22.5°	256.4	245.6	224.7	207.5	195.3	186.7	181.1	177.8	176.9	178.3	179.4
25°	260.0	247.2	222.2	203.1	188.9	180.6	176.1	173.6	173.9	175.8	176.9
27.5°	263.9	248.6	219.7	197.5	181.9	174.2	170.8	170.3	171.4	173.6	175.0
30°	268.6	250.6	216.4	191.1	174.2	167.2	165.8	167.5	169.4	171.7	173.1
32.5°	274.7	253.1	213.1	183.9	166.1	159.7	161.9	165.6	167.8	170.0	171.4
35°	283.3	258.1	211.1	176.7	157.5	153.3	158.3	164.2	165.8	167.2	168.9
37.5°	293.3	264.7	210.3	170.0	149.7	147.8	154.7	161.7	162.2	162.8	164.4
40°	303.1	269.7	208.1	162.8	141.7	141.7	150.3	156.9	156.7	155.8	156.9
42.5°	307.0	269.2	201.7	155.8	135.3	135.6	143.3	149.7	148.1	148.1	149.7
45°	318.1	273.6	197.0	150.3	129.4	128.3	134.4	139.4	142.2	145.8	147.5
47.5°	332.2	279.7	193.3	143.9	123.9	120.3	123.6	131.9	136.7	140.6	141.9
50°	347.0	286.7	190.0	137.2	118.3	111.1	112.8	121.9	126.1	128.1	128.9
52.5°	362.0	293.1	187.5	131.7	111.9	100.3	103.9	112.5	115.6	116.7	117.2
55°	375.3	298.3	185.3	126.9	104.7	91.7	94.4	103.3	105.6	106.7	107.5
57.5°	389.5	304.2	183.9	122.5	96.7	84.2	86.1	94.2	97.2	98.3	99.2
60°	402.0	309.7	182.8	117.8	89.2	77.5	78.6	86.4	89.7	90.3	91.1
62.5°	410.3	313.3	181.1	111.9	82.2	71.1	71.4	78.9	82.5	83.1	83.6
65°	412.5	312.5	176.1	104.2	75.3	64.7	64.7	71.9	75.8	77.8	78.6
67.5°	405.8	305.6	165.6	94.2	68.6	58.9	58.9	65.3	69.4	71.7	72.5
68°	403.6	302.5	162.2	91.7	66.9	57.5	57.5	64.2	68.1	70.0	70.6
70°	384.7	287.5	146.9	82.2	61.7	53.3	53.3	59.2	63.3	63.3	63.1
72.5°	334.2	249.2	120.8	68.9	53.9	47.2	48.1	53.6	55.0	56.4	56.1
75°	207.0	149.2	81.1	54.4	45.3	41.4	43.1	48.1	48.9	51.9	51.1
77.5°	103.6	73.1	43.1	31.7	35.0	35.6	38.6	42.2	44.7	48.1	45.8
80°	51.1	35.6	25.3	19.7	20.6	26.1	33.6	36.4	40.8	43.1	41.1
82.5°	14.2	10.8	10.3	10.8	15.3	20.3	26.4	32.2	38.1	40.0	37.2
85°	2.5	1.9	1.7	5.3	10.6	15.0	21.4	28.6	34.2	32.8	30.8
87.5°	0.8	0.6	0.6	3.3	7.8	12.2	18.3	25.6	29.2	26.4	23.6
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)