

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: P1211876

Luminaire Tested: **GKO-PB1A-850-U-T3**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211876
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1A-850-U-T3
Description: GEKKO WALL PACK 750LM PACKAGE 80CRI 5000K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source: (10) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

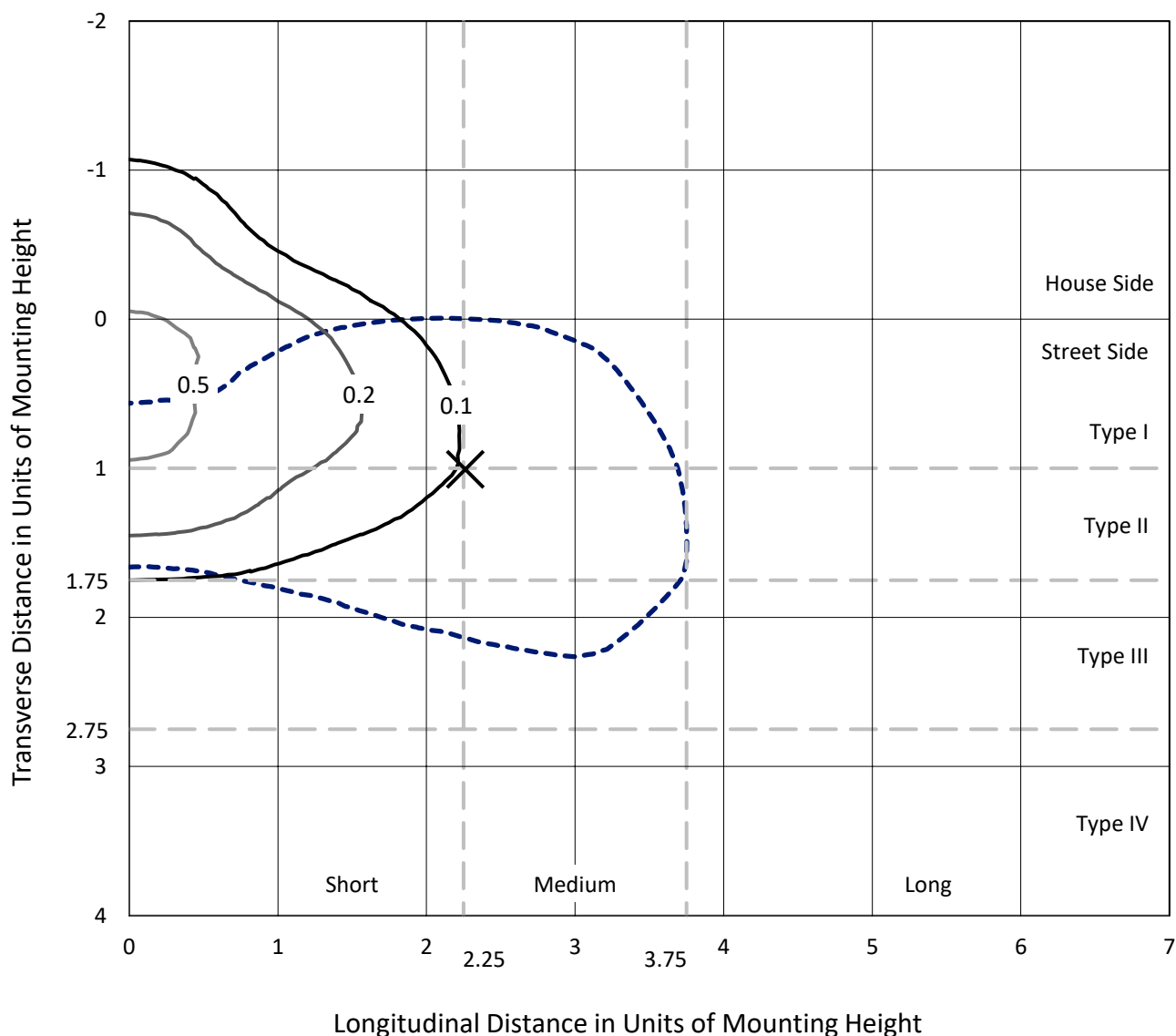
Lumens per Lamp: N/A
Luminaire Lumens: 709.7 lumens
Efficiency: N/A
Efficacy: 147.8 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B0 - U0 - G0

Input Watts (W): 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

REPORT NUMBER: P1211876
 CATALOG NUMBER: GKO-PB1A-850-U-T3

Iso-Footcandle Lines of Horizontal Illumination

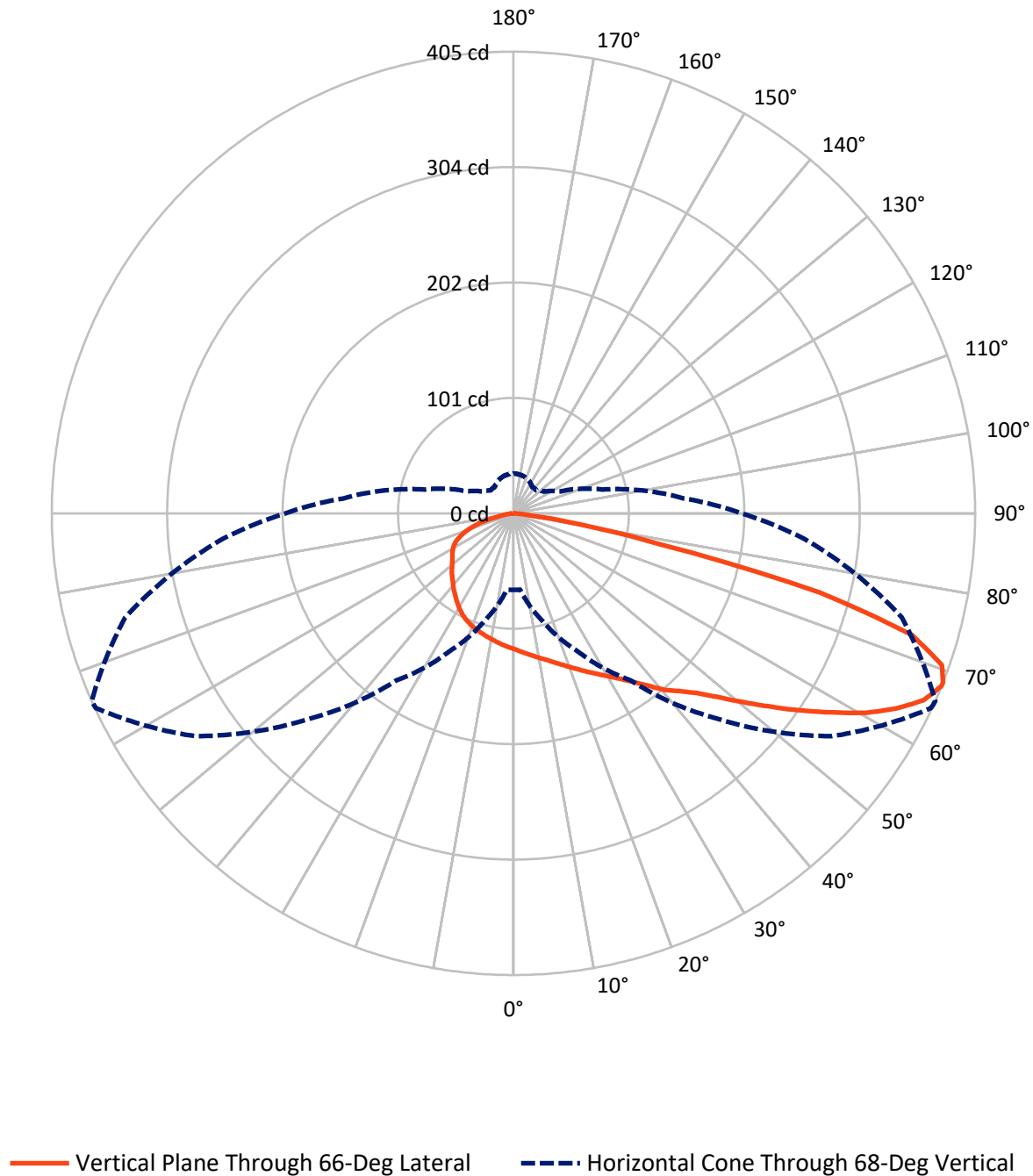
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 0.6 fc
 Type III - Medium - N/A

REPORT NUMBER: P1211876
CATALOG NUMBER: GKO-PB1A-850-U-T3

Luminous Intensity Polar Plot



REPORT NUMBER: P1211876

CATALOG NUMBER: GKO-PB1A-850-U-T3

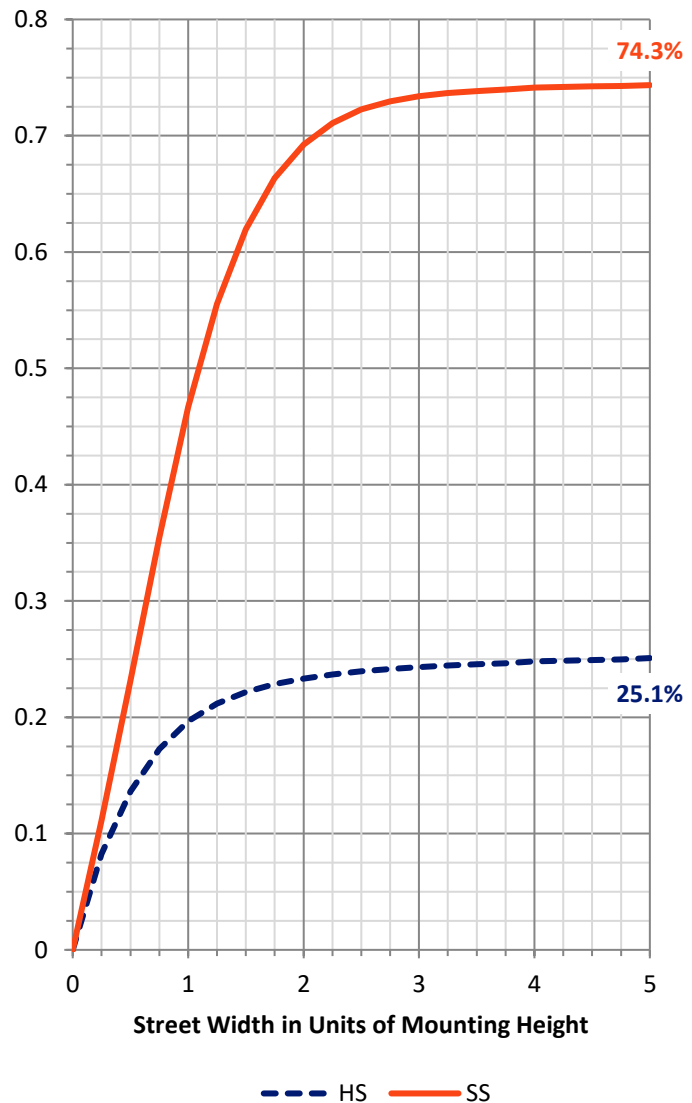
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	181.7	0.0	181.7
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	528.0	0.0	528.0
	% Fixture	74.4	0.0	74.4
Total	Lumens	709.7	0.0	709.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.4	1.6
10°-20°	34.3	4.8
20°-30°	59.1	8.3
30°-40°	91.7	12.9
40°-50°	125.7	17.7
50°-60°	149.9	21.1
60°-70°	150.2	21.2
70°-80°	79.5	11.2
80°-90°	7.7	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°	709.7	100.0
0°-180°	709.7	100.0



REPORT NUMBER: P1211876

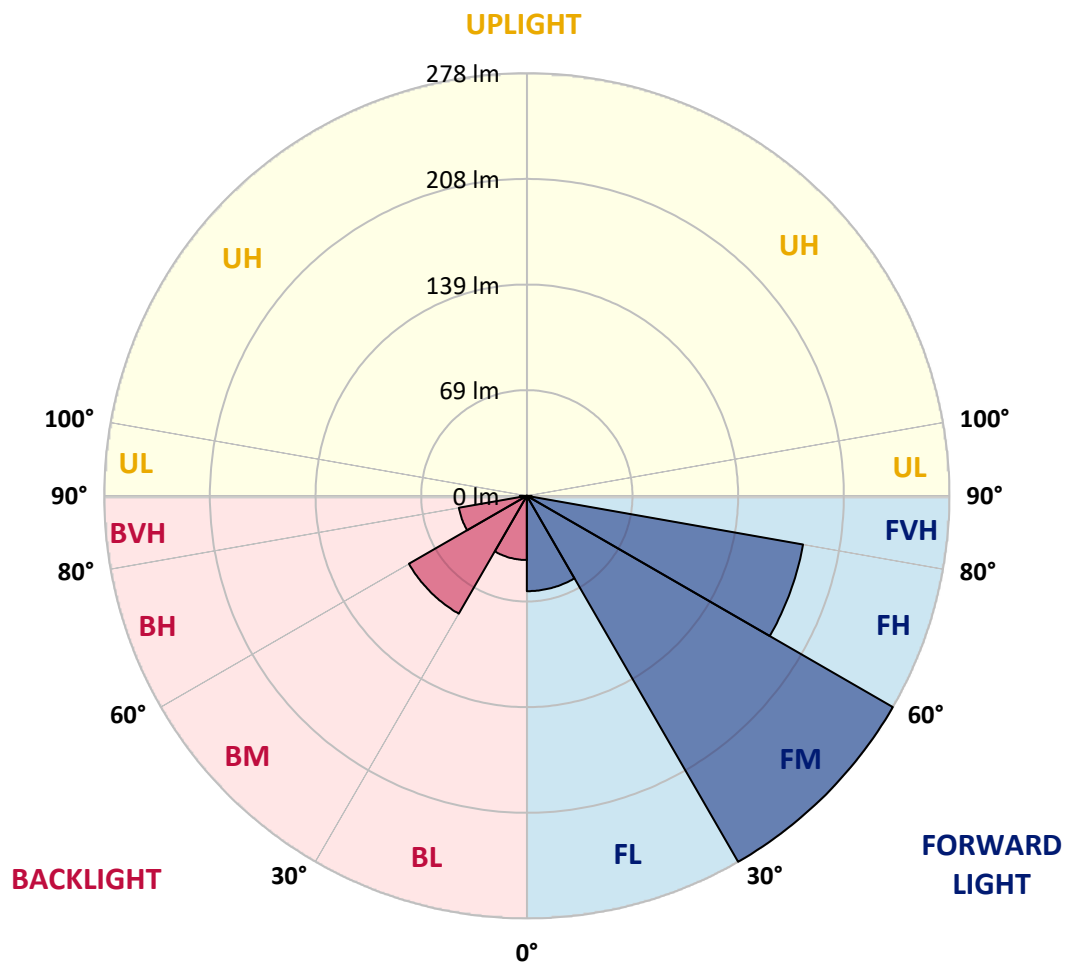
CATALOG NUMBER: GKO-PB1A-850-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	62.7	8.8			
FM	(30°-60°)	277.9	39.2			
FH	(60°-80°)	184.4	26.0			G0/660
FVH	(80°-90°)	3.0	0.4			G0/10
BL	(0°-30°)	42.2	5.9	B0/110		
BM	(30°-60°)	89.5	12.6	B0/220		
BH	(60°-80°)	45.3	6.4	B0/110		G0/110
BVH	(80°-90°)	4.7	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: P1211876

CATALOG NUMBER: GKO-PB1A-850-U-T3

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	119.0	119.0	119.0	119.0	119.0	119.0	119.0	119.0	119.0	119.0	119.0
2.5°	124.0	124.0	123.7	123.6	123.4	122.6	122.1	121.4	121.4	120.3	119.3
5°	128.3	128.4	127.8	127.8	127.3	126.2	125.1	123.7	123.7	122.1	120.1
7.5°	132.0	132.4	131.8	131.8	131.3	130.0	128.3	126.3	126.3	124.0	121.2
10°	135.6	135.8	135.6	135.8	135.0	133.9	131.8	129.2	129.1	126.2	122.3
12.5°	138.5	138.7	138.9	139.3	138.6	137.8	135.8	132.5	132.1	128.7	123.7
15°	141.2	141.5	141.9	142.4	142.3	141.6	139.8	136.1	135.8	131.4	125.5
17.5°	143.4	143.6	144.4	145.5	145.8	145.9	144.0	140.1	139.8	134.6	127.4
20°	146.6	146.9	147.7	148.8	149.6	150.2	148.6	144.4	144.1	138.3	129.9
22.5°	153.7	153.3	153.7	153.7	154.2	155.0	153.9	149.6	149.1	142.7	132.9
25°	167.2	166.8	165.7	163.3	160.5	160.4	159.1	155.0	154.3	147.3	135.8
27.5°	186.1	185.2	183.1	177.9	171.2	167.0	165.0	160.8	159.9	151.8	138.6
30°	206.1	207.2	203.8	196.6	184.5	175.4	171.7	166.8	166.1	156.9	141.9
32.5°	229.4	229.5	226.1	216.2	200.4	186.0	179.6	173.7	173.2	162.8	146.3
35°	242.9	243.4	241.9	232.7	214.8	197.7	189.3	182.1	181.7	170.3	151.8
37.5°	256.9	258.2	255.8	245.6	225.7	208.6	200.0	192.2	191.8	178.8	158.7
40°	277.7	277.2	274.7	259.7	235.9	217.7	210.6	204.4	203.5	189.3	165.7
42.5°	292.7	294.1	288.8	271.8	247.0	226.8	221.2	214.2	213.0	195.6	169.9
45°	297.8	296.6	290.7	278.3	261.6	235.0	231.3	225.9	224.7	206.8	178.0
47.5°	298.9	296.7	291.5	282.1	274.0	245.8	243.6	242.3	240.5	220.8	187.8
50°	292.2	290.7	288.2	283.5	282.0	255.8	256.9	261.5	260.0	236.0	198.7
52.5°	276.9	276.2	278.4	281.5	277.5	264.5	272.8	282.0	281.5	252.7	210.4
55°	248.1	248.1	260.5	271.1	273.5	270.2	289.9	305.7	305.0	271.4	221.5
57.5°	221.8	222.2	232.5	256.4	266.3	276.2	308.9	330.5	329.4	292.5	233.2
60°	188.6	188.6	204.3	234.2	256.0	280.9	325.7	354.5	355.2	312.9	244.8
62.5°	149.3	149.7	171.5	206.6	241.1	281.7	339.0	377.1	376.9	331.3	253.8
65°	110.1	110.2	139.8	176.1	218.8	275.9	346.3	394.4	395.2	345.9	259.0
67.5°	71.5	72.9	102.9	142.9	187.2	259.5	342.5	403.6	404.6	352.7	257.3
68°	67.0	67.2	97.4	133.8	178.7	255.4	340.7	404.1	404.9	352.5	255.7
70°	43.4	43.4	69.7	104.4	142.6	229.7	325.1	397.6	398.6	346.5	243.7
72.5°	23.4	23.8	39.8	63.2	97.4	177.7	293.4	363.8	365.5	313.3	213.1
75°	16.4	16.7	23.1	35.4	53.0	115.7	229.4	278.0	277.7	216.4	133.5
77.5°	11.8	11.8	13.2	22.0	27.8	52.9	113.5	133.9	132.4	105.7	67.4
80°	7.7	7.7	8.3	11.6	13.4	16.1	34.7	58.0	59.1	51.5	33.6
82.5°	3.2	3.3	3.6	4.7	4.8	6.8	9.9	16.7	16.1	13.1	9.5
85°	0.4	0.4	0.6	0.7	0.8	1.5	1.4	1.4	1.4	1.7	1.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.4	0.6	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

REPORT NUMBER: P1211876

CATALOG NUMBER: GKO-PB1A-850-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	119.0	119.0	119.0	119.0	119.0	119.0	119.0	119.0	119.0	119.0	119.0
2.5°	119.0	119.0	118.2	117.4	116.5	115.9	114.9	114.2	114.3	114.8	114.6
5°	119.7	119.0	117.4	115.6	114.2	113.0	111.2	110.2	110.1	110.3	110.2
7.5°	120.1	119.0	116.5	113.8	111.6	109.9	107.5	106.5	106.1	106.2	106.2
10°	121.0	119.2	115.7	111.9	109.1	106.8	104.1	102.8	102.4	102.4	102.2
12.5°	121.9	119.4	114.9	110.2	106.6	103.9	100.8	99.3	98.9	98.9	98.8
15°	122.9	119.9	114.1	108.4	104.3	101.0	98.1	96.3	95.7	95.7	96.0
17.5°	124.1	120.3	113.2	106.8	101.8	98.1	95.1	93.3	92.6	93.0	93.3
20°	125.4	121.1	112.4	105.0	99.3	95.5	92.4	90.6	90.0	90.6	90.8
22.5°	127.2	121.8	111.5	102.9	96.8	92.6	89.8	88.2	87.8	88.4	89.0
25°	128.9	122.6	110.2	100.7	93.7	89.5	87.3	86.1	86.2	87.2	87.8
27.5°	130.9	123.3	109.0	98.0	90.2	86.4	84.7	84.4	85.0	86.1	86.8
30°	133.2	124.3	107.3	94.8	86.4	82.9	82.2	83.1	84.0	85.1	85.8
32.5°	136.2	125.5	105.7	91.2	82.4	79.2	80.3	82.1	83.2	84.3	85.0
35°	140.5	128.0	104.7	87.6	78.1	76.0	78.5	81.4	82.2	82.9	83.8
37.5°	145.5	131.3	104.3	84.3	74.3	73.3	76.7	80.2	80.5	80.7	81.6
40°	150.3	133.8	103.2	80.7	70.3	70.3	74.5	77.8	77.7	77.3	77.8
42.5°	152.2	133.5	100.0	77.3	67.1	67.2	71.1	74.3	73.4	73.4	74.3
45°	157.7	135.7	97.7	74.5	64.2	63.6	66.7	69.2	70.5	72.3	73.2
47.5°	164.8	138.7	95.9	71.4	61.4	59.7	61.3	65.4	67.8	69.7	70.4
50°	172.1	142.2	94.2	68.1	58.7	55.1	55.9	60.5	62.5	63.5	63.9
52.5°	179.5	145.3	93.0	65.3	55.5	49.7	51.5	55.8	57.3	57.9	58.1
55°	186.1	148.0	91.9	63.0	51.9	45.5	46.8	51.2	52.4	52.9	53.3
57.5°	193.1	150.9	91.2	60.8	47.9	41.7	42.7	46.7	48.2	48.8	49.2
60°	199.3	153.6	90.6	58.4	44.2	38.4	39.0	42.8	44.5	44.8	45.2
62.5°	203.5	155.4	89.8	55.5	40.8	35.3	35.4	39.1	40.9	41.2	41.5
65°	204.6	155.0	87.3	51.7	37.3	32.1	32.1	35.7	37.6	38.6	39.0
67.5°	201.3	151.5	82.1	46.7	34.0	29.2	29.2	32.4	34.4	35.5	36.0
68°	200.2	150.0	80.5	45.5	33.2	28.5	28.5	31.8	33.8	34.7	35.0
70°	190.8	142.6	72.9	40.8	30.6	26.5	26.5	29.3	31.4	31.4	31.3
72.5°	165.7	123.6	59.9	34.2	26.7	23.4	23.8	26.6	27.3	28.0	27.8
75°	102.6	74.0	40.2	27.0	22.5	20.5	21.4	23.8	24.2	25.8	25.3
77.5°	51.4	36.2	21.4	15.7	17.4	17.6	19.1	20.9	22.2	23.8	22.7
80°	25.3	17.6	12.5	9.8	10.2	12.9	16.7	18.0	20.3	21.4	20.4
82.5°	7.0	5.4	5.1	5.4	7.6	10.1	13.1	16.0	18.9	19.8	18.5
85°	1.2	1.0	0.8	2.6	5.2	7.4	10.6	14.2	16.9	16.3	15.3
87.5°	0.4	0.3	0.3	1.7	3.9	6.1	9.1	12.7	14.5	13.1	11.7
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)