

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: P1211976

Luminaire Tested: **GKO-PB1A-835-U-T2U**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211976
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1A-835-U-T2U
Description: GEKKO WALL PACK 750LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

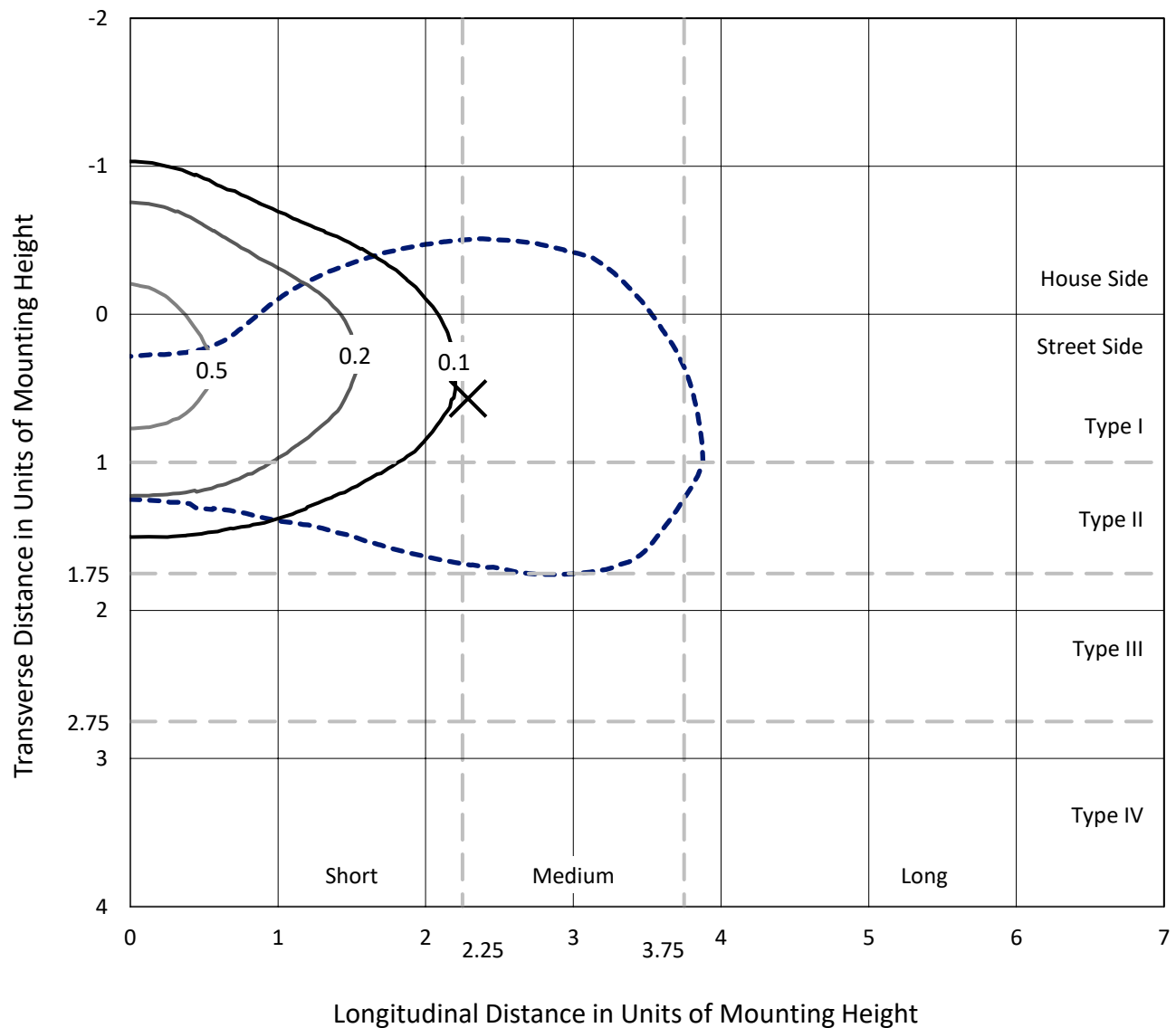
Lumens per Lamp: N/A
Luminaire Lumens: 690 lumens
Efficiency: N/A
Efficacy: 143.8 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B0 - U0 - G0

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

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Iso-Footcandle Lines of Horizontal Illumination

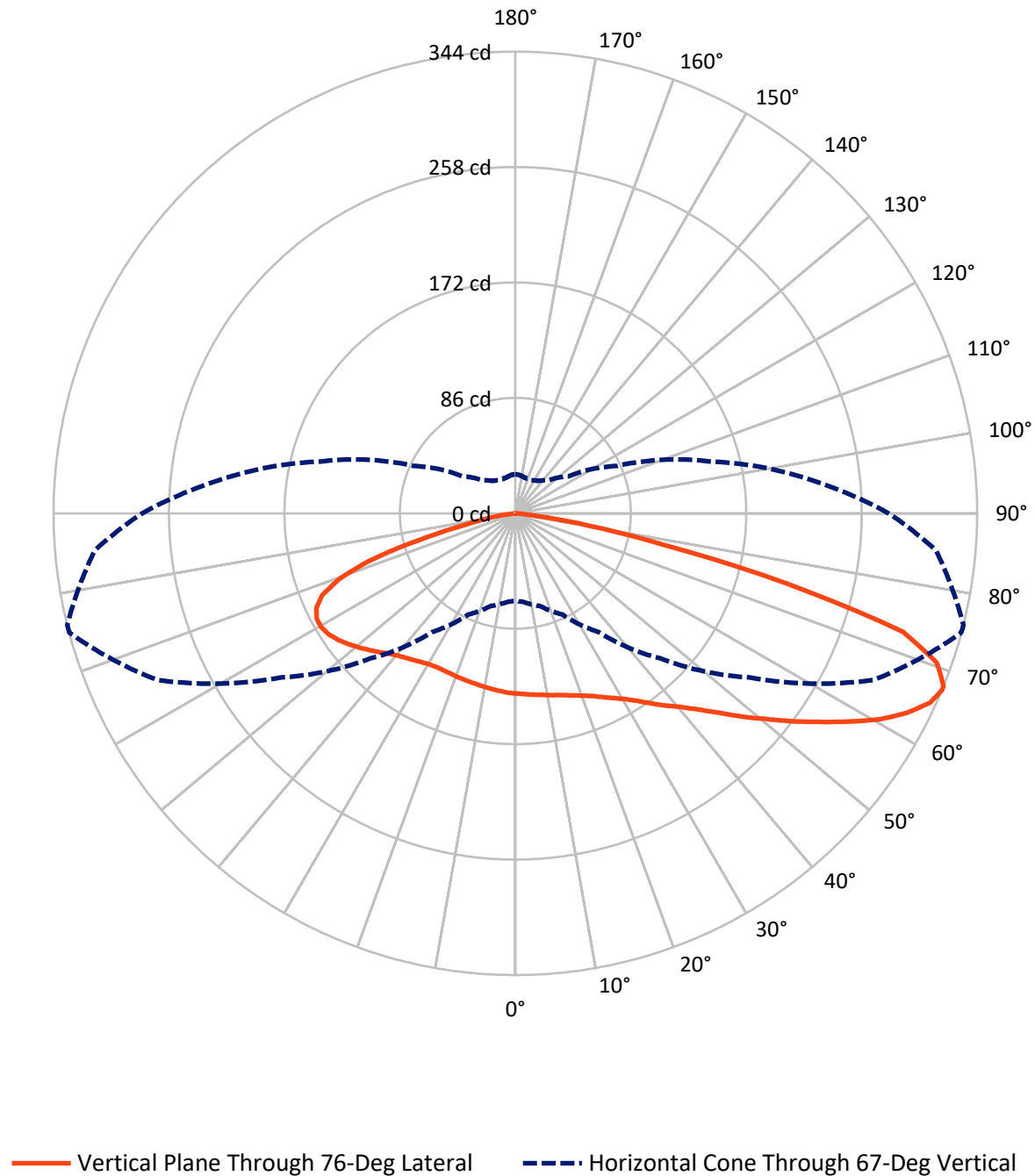
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 0.7 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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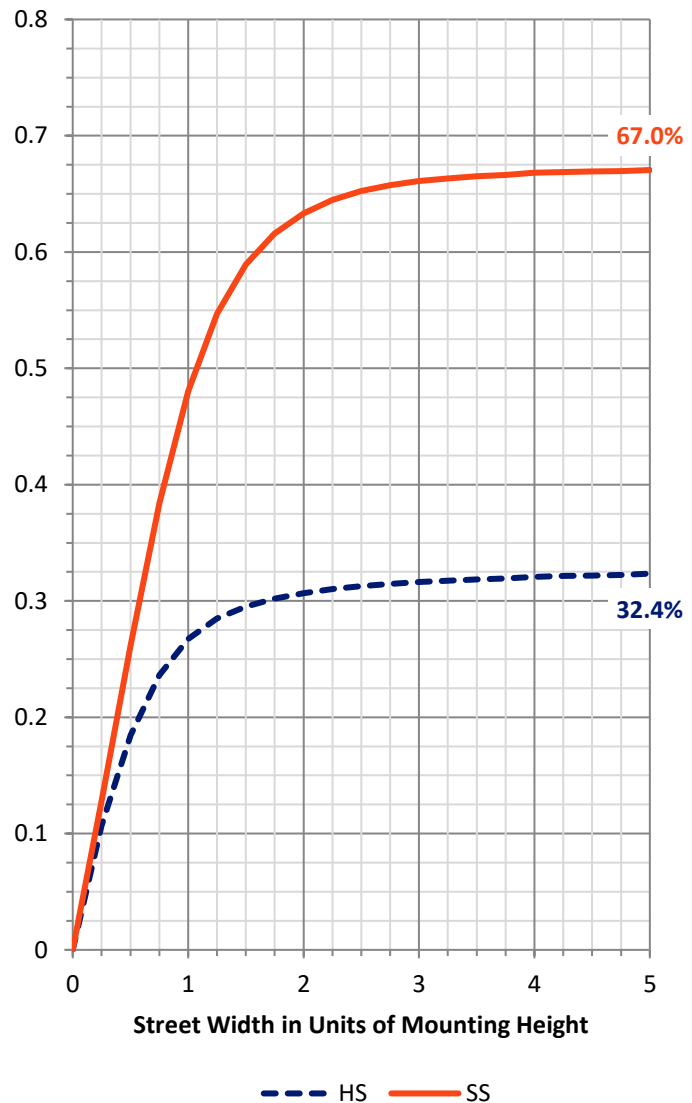
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	227.6	0.0	227.6
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	462.4	0.0	462.4
	% Fixture	67.0	0.0	67.0
Total	Lumens	690.0	0.0	690.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.9	1.9
10°-20°	39.4	5.7
20°-30°	67.9	9.8
30°-40°	97.5	14.1
40°-50°	123.7	17.9
50°-60°	135.8	19.7
60°-70°	131.7	19.1
70°-80°	72.7	10.5
80°-90°	8.4	1.2
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°	690.0	100.0
0°-180°	690.0	100.0

Coefficient of Utilization



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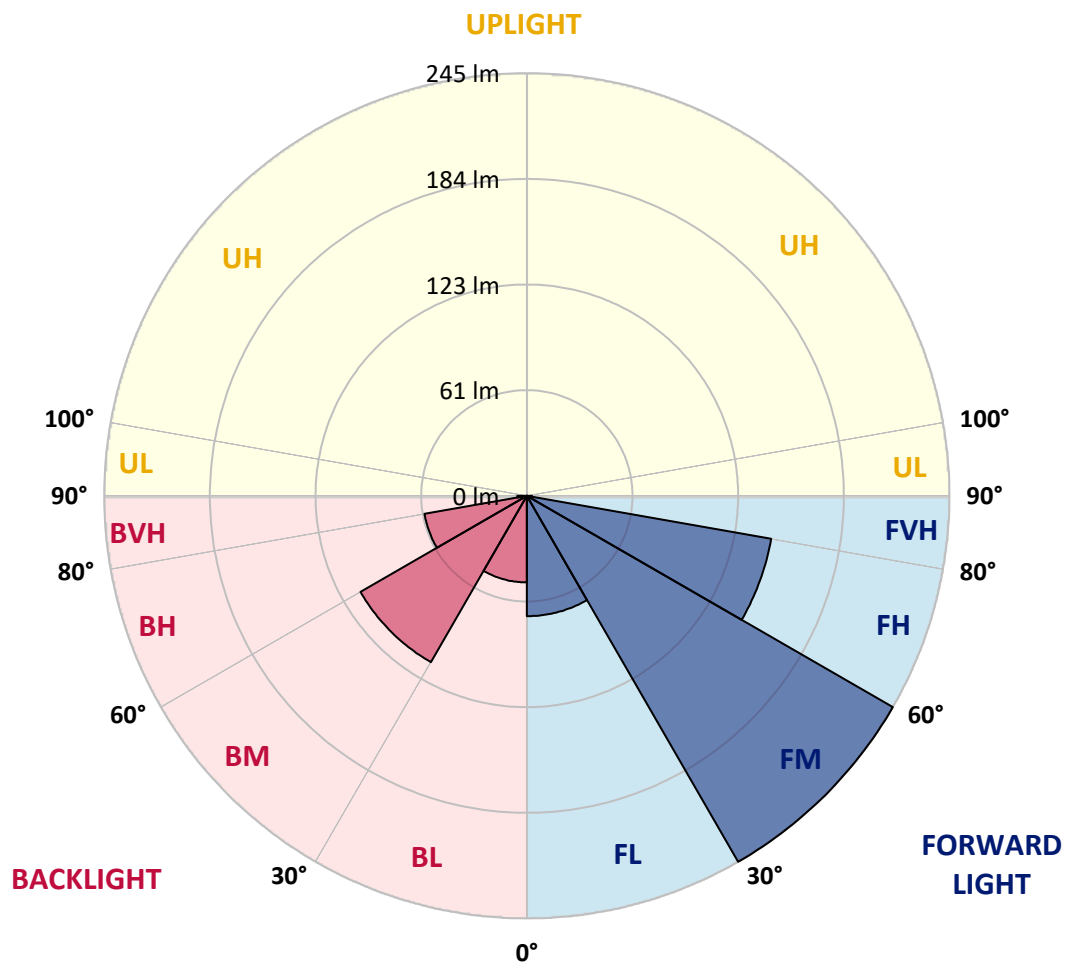
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	69.9	10.1			
FM	(30°-60°)	245.4	35.6			
FH	(60°-80°)	144.1	20.9			G0/660
FVH	(80°-90°)	3.0	0.4			G0/10
BL	(0°-30°)	50.3	7.3	B0/110		
BM	(30°-60°)	111.6	16.2	B0/220		
BH	(60°-80°)	60.3	8.7	B0/110		G0/110
BVH	(80°-90°)	5.4	0.8			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 II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	134.1	134.1	134.1	134.1	134.1	134.1	134.1	134.1	134.1	134.1	134.1
2.5°	138.1	138.0	137.9	137.9	137.3	136.8	136.3	135.9	134.8	134.7	134.1
5°	142.3	142.3	141.9	141.7	140.9	139.6	138.4	137.2	135.7	135.5	134.3
7.5°	147.6	147.6	146.9	146.4	145.2	143.1	140.9	138.8	136.7	136.4	134.5
10°	154.4	154.4	153.9	152.7	150.1	147.3	143.9	140.5	137.7	137.5	134.8
12.5°	161.5	161.6	160.8	159.1	156.0	151.8	147.5	142.7	139.1	138.7	135.3
15°	168.7	168.8	168.3	166.4	162.3	157.1	151.4	145.6	140.8	140.4	136.1
17.5°	175.8	176.0	175.5	173.4	168.6	163.0	155.9	148.7	142.9	142.4	137.5
20°	182.4	182.4	182.4	180.0	175.4	169.0	160.8	152.4	145.3	144.8	139.1
22.5°	188.5	188.7	189.1	187.8	182.4	175.4	166.6	156.6	148.4	147.7	141.1
25°	194.5	194.6	195.7	194.7	189.5	182.2	172.7	161.8	152.2	151.5	143.5
27.5°	201.4	201.8	202.5	202.1	196.2	189.0	179.5	167.5	156.3	155.6	146.4
30°	209.5	209.5	209.9	209.3	203.4	196.2	186.3	173.5	161.5	160.4	150.0
32.5°	216.2	216.9	216.6	216.3	210.2	203.0	193.3	180.2	167.5	166.2	155.0
35°	222.5	222.6	222.5	222.8	216.6	209.8	200.6	187.9	174.2	173.6	161.2
37.5°	226.1	226.4	227.0	227.8	222.4	215.9	207.9	196.5	182.4	181.5	168.7
40°	227.8	228.2	231.8	233.0	227.2	221.8	215.7	204.2	190.5	189.4	176.2
42.5°	230.5	233.7	235.6	235.8	230.8	226.1	222.4	213.0	200.3	199.4	186.2
45°	221.7	220.5	225.4	231.2	230.9	228.9	228.8	222.9	212.5	211.5	197.5
47.5°	210.6	209.7	212.3	220.8	226.8	230.1	235.0	234.5	227.2	225.8	210.7
50°	184.2	185.8	198.9	210.3	220.8	230.5	240.4	246.6	241.4	240.4	224.8
52.5°	159.5	160.6	169.5	196.9	213.0	229.3	245.0	259.5	258.1	256.9	240.1
55°	142.1	143.2	157.5	175.0	201.5	223.2	248.1	271.6	275.1	273.9	256.4
57.5°	124.0	125.7	135.5	150.8	186.2	213.0	249.2	283.9	293.5	292.4	272.0
60°	106.5	108.9	114.6	131.3	167.2	201.0	246.4	293.8	311.2	311.2	288.2
62.5°	90.4	91.7	97.7	112.8	143.2	185.7	239.3	300.0	327.5	326.9	302.3
65°	77.0	77.7	82.5	95.4	123.1	168.7	227.0	299.6	339.1	339.3	311.6
67°	65.0	66.1	71.4	83.1	107.7	152.7	212.9	293.6	343.3	343.5	313.9
67.5°	60.9	62.1	67.9	80.1	104.5	148.3	209.5	291.1	343.0	343.5	313.2
70°	41.9	42.2	52.1	65.9	86.0	124.9	186.5	273.5	332.9	332.5	298.7
72.5°	26.7	26.3	35.8	48.2	69.1	101.2	157.4	242.6	302.0	301.6	263.3
75°	17.8	18.2	24.2	34.4	48.6	78.2	122.7	183.1	209.8	208.2	173.8
77.5°	12.7	12.4	14.9	24.8	32.6	47.5	66.6	97.4	111.4	111.4	95.4
80°	6.9	7.1	8.1	13.7	18.4	18.6	25.0	48.8	54.5	55.7	46.3
82.5°	2.0	2.1	2.9	4.7	5.1	5.6	8.7	14.0	14.7	15.5	12.5
85°	0.0	0.0	0.0	0.1	0.5	0.7	0.7	0.8	1.3	1.3	1.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.5	0.7
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°	134.1	134.1	134.1	134.1	134.1	134.1	134.1	134.1	134.1	134.1	134.1
2.5°	134.0	134.1	133.6	132.9	132.4	132.1	131.3	130.7	131.1	131.5	131.5
5°	133.9	133.7	132.7	131.5	130.7	130.1	128.8	127.9	128.0	128.4	128.3
7.5°	133.9	133.3	131.9	130.1	128.8	127.7	126.0	124.9	124.8	125.1	124.8
10°	134.0	133.1	131.1	128.7	126.8	125.2	123.1	121.9	121.5	121.6	121.3
12.5°	134.3	132.8	130.3	127.2	124.8	122.7	120.3	118.8	118.5	118.8	118.8
15°	134.7	132.8	129.6	125.9	122.7	120.3	117.9	116.5	116.5	116.6	116.6
17.5°	135.5	133.2	129.1	124.4	120.5	117.9	115.7	114.8	114.9	115.3	115.3
20°	136.3	133.7	128.5	122.9	118.7	115.6	113.8	113.2	113.7	114.2	114.2
22.5°	137.5	134.4	128.0	121.6	116.5	113.4	112.0	111.4	112.0	112.6	112.4
25°	139.3	135.6	127.6	120.4	114.5	111.2	109.7	109.2	109.4	110.0	110.0
27.5°	141.5	137.1	127.5	118.9	112.1	108.5	106.8	106.0	106.0	106.1	106.2
30°	145.1	139.6	128.0	117.9	110.0	105.7	103.4	102.2	102.1	102.6	102.6
32.5°	149.3	143.1	129.3	116.9	107.8	102.4	99.3	98.4	98.1	98.5	98.1
35°	154.2	146.9	131.1	116.8	105.7	98.8	95.3	94.2	93.4	93.2	92.9
37.5°	161.0	152.3	132.8	116.1	103.6	94.9	91.2	88.9	88.0	87.7	87.7
40°	167.6	157.5	134.9	115.0	101.0	91.0	85.7	83.1	82.7	82.7	82.7
42.5°	176.0	164.3	137.9	114.4	98.0	87.2	79.8	76.9	76.9	76.9	76.7
45°	186.5	173.2	141.6	114.1	95.0	82.5	73.5	69.7	69.5	69.4	69.3
47.5°	198.6	182.6	145.2	113.4	91.6	76.9	66.3	62.1	61.1	60.9	60.5
50°	211.1	192.7	149.1	112.5	87.4	70.3	59.5	54.6	52.6	51.9	52.2
52.5°	224.5	202.6	152.8	111.2	82.5	63.8	52.6	47.4	45.4	44.6	44.4
55°	237.6	212.6	156.3	109.4	77.1	57.1	46.7	41.6	39.9	39.6	39.6
57.5°	250.8	222.2	159.0	106.9	71.3	51.3	41.6	37.5	36.3	36.8	36.8
60°	262.8	230.6	160.3	103.4	65.4	45.9	37.6	34.6	34.0	35.4	35.2
62.5°	273.6	236.2	159.6	98.4	59.7	41.4	34.6	32.3	32.4	34.0	34.2
65°	278.8	237.2	155.8	91.4	53.3	37.5	31.4	29.2	29.5	31.2	31.6
67°	277.6	233.6	149.3	83.5	48.0	34.6	29.4	27.2	27.4	28.8	29.0
67.5°	276.3	231.8	147.6	81.1	46.7	34.0	28.8	26.8	27.1	28.4	28.4
70°	258.5	214.2	131.6	68.9	40.4	30.3	26.3	25.0	25.2	26.0	26.0
72.5°	226.0	185.5	106.5	55.3	34.3	26.8	23.8	23.0	23.0	23.0	22.3
75°	144.1	116.2	69.7	42.3	28.3	23.0	21.4	20.4	19.9	20.7	20.4
77.5°	79.7	60.7	36.3	24.3	20.4	19.1	18.6	18.2	18.0	19.9	19.4
80°	37.8	30.0	20.4	13.9	11.7	14.1	16.0	15.7	18.8	25.8	25.9
82.5°	12.0	9.9	8.3	7.6	7.9	10.1	12.4	14.3	24.4	27.6	27.2
85°	1.5	1.3	0.9	3.1	5.2	7.5	9.6	18.6	22.4	18.7	17.6
87.5°	0.5	0.5	0.5	2.1	4.0	5.7	8.7	18.7	13.7	12.5	11.5
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)