

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: P1211966

Luminaire Tested: **GKO-PB1A-830-U-T2U**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211966
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1A-830-U-T2U
Description: GEKKO WALL PACK 750LM PACKAGE 80CRI 3000K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (10) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

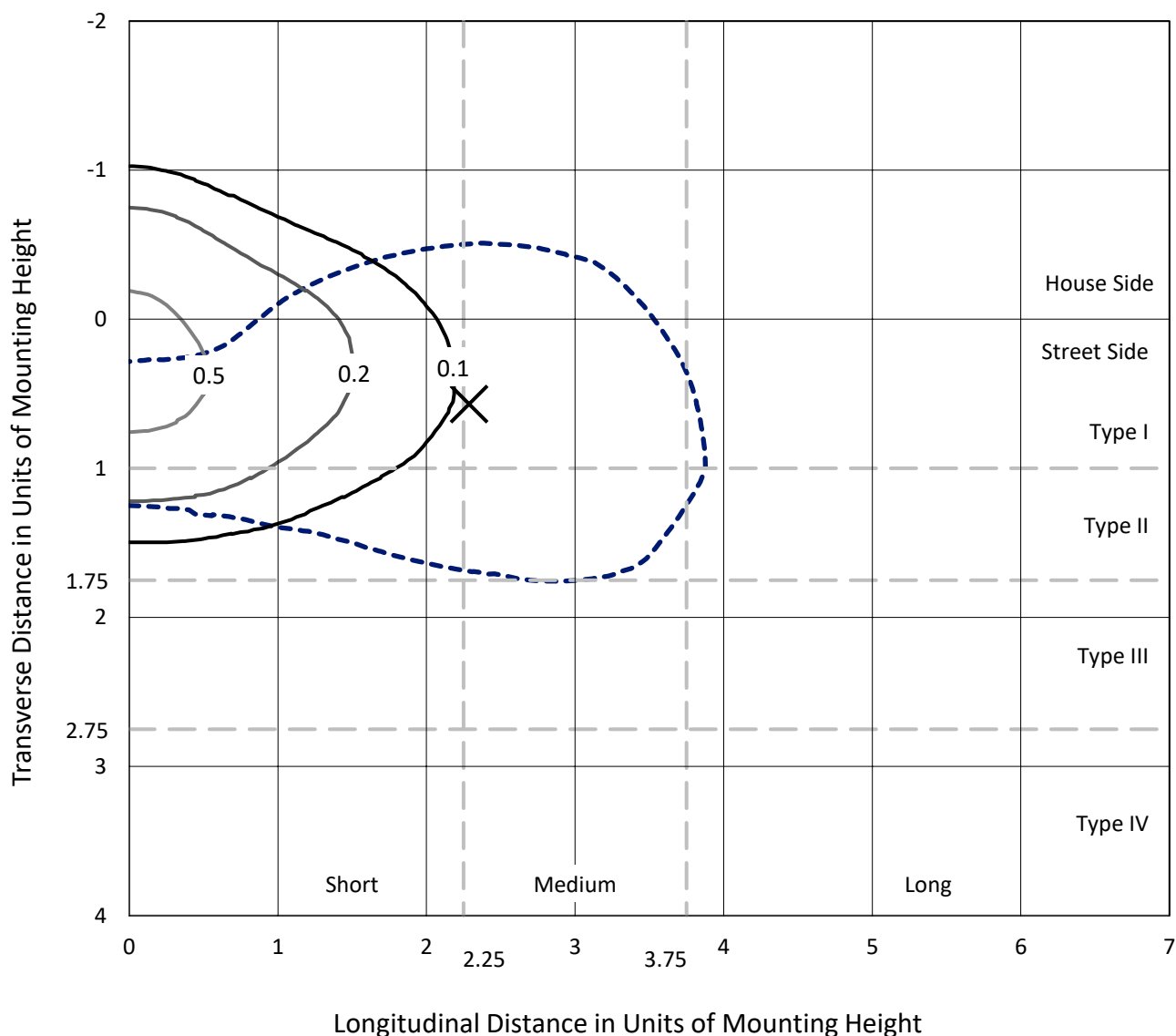
Lumens per Lamp: N/A
Luminaire Lumens: 679.2 lumens
Efficiency: N/A
Efficacy: 141.5 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B0 - U0 - G0

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

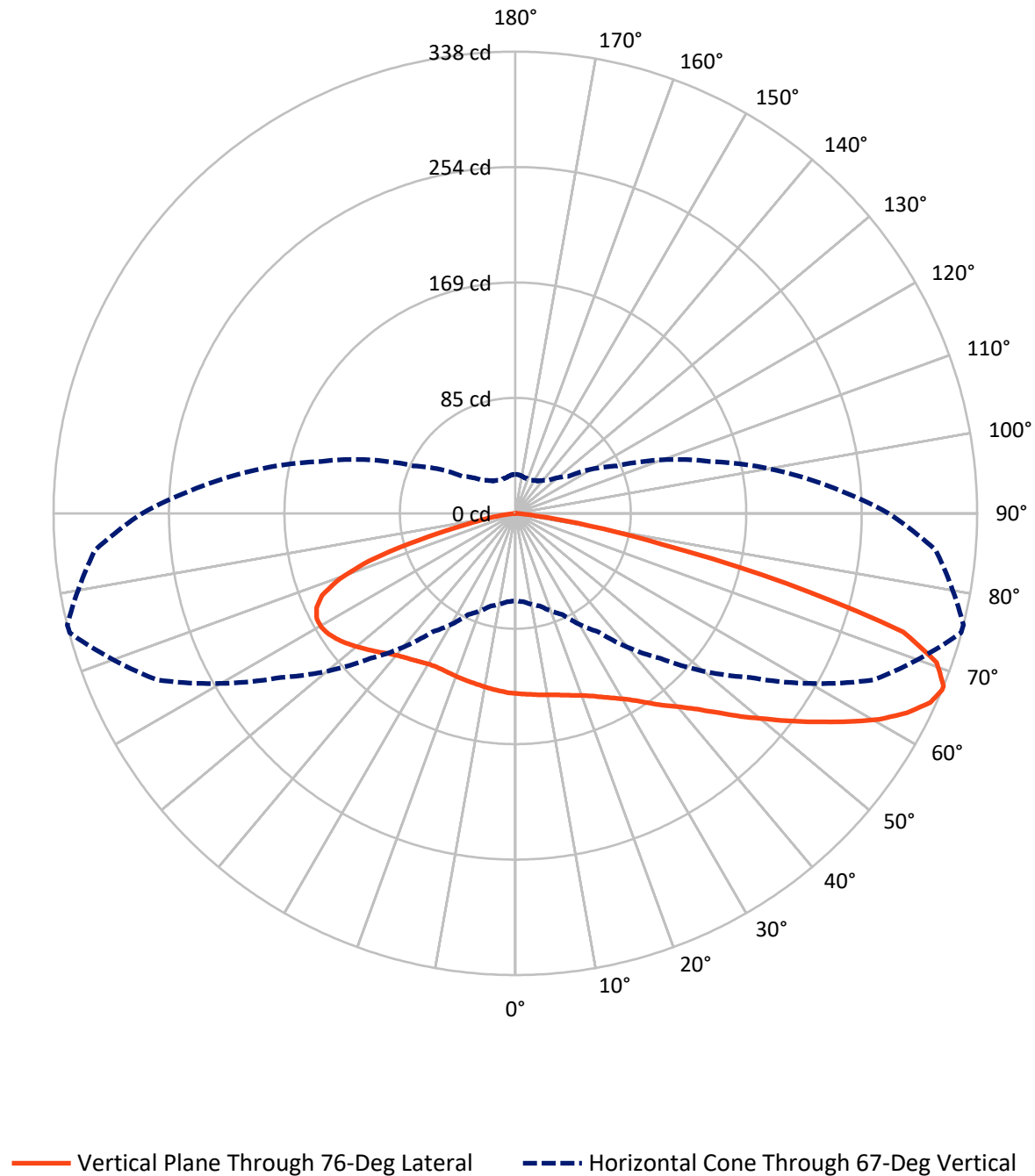
✕ Max cd
 - - - 1/2 Max cd



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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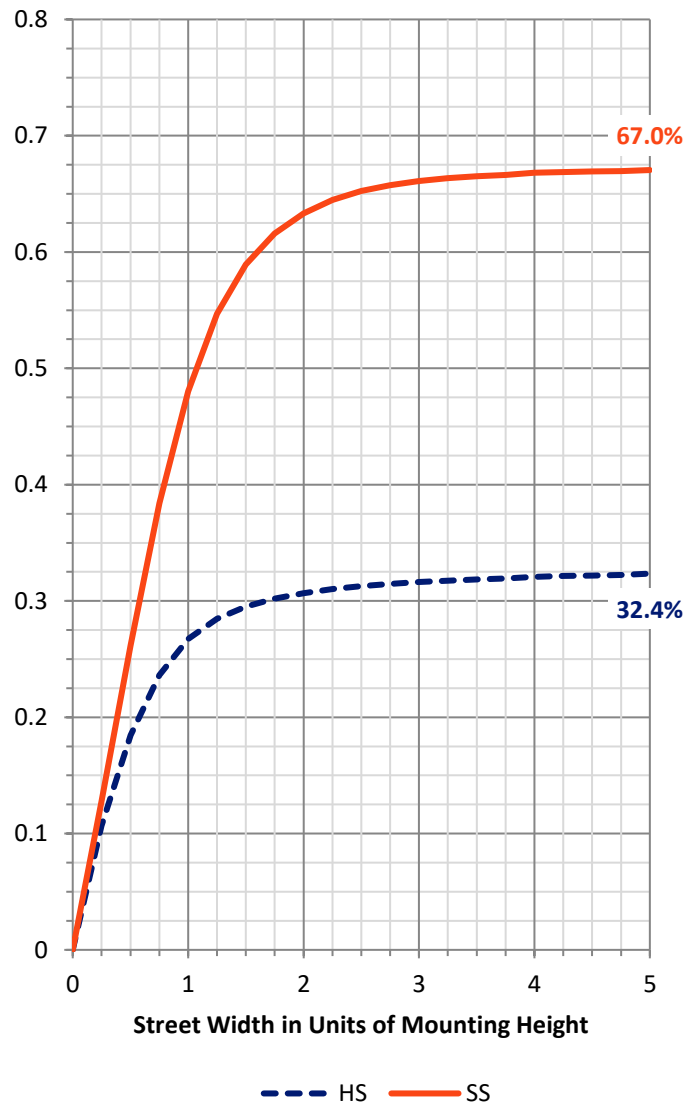
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	224.1	0.0	224.1
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	455.1	0.0	455.1
	% Fixture	67.0	0.0	67.0
Total	Lumens	679.2	0.0	679.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.7	1.9
10°-20°	38.8	5.7
20°-30°	66.8	9.8
30°-40°	96.0	14.1
40°-50°	121.7	17.9
50°-60°	133.7	19.7
60°-70°	129.6	19.1
70°-80°	71.6	10.5
80°-90°	8.3	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°	679.2	100.0
0°-180°	679.2	100.0

Coefficient of Utilization



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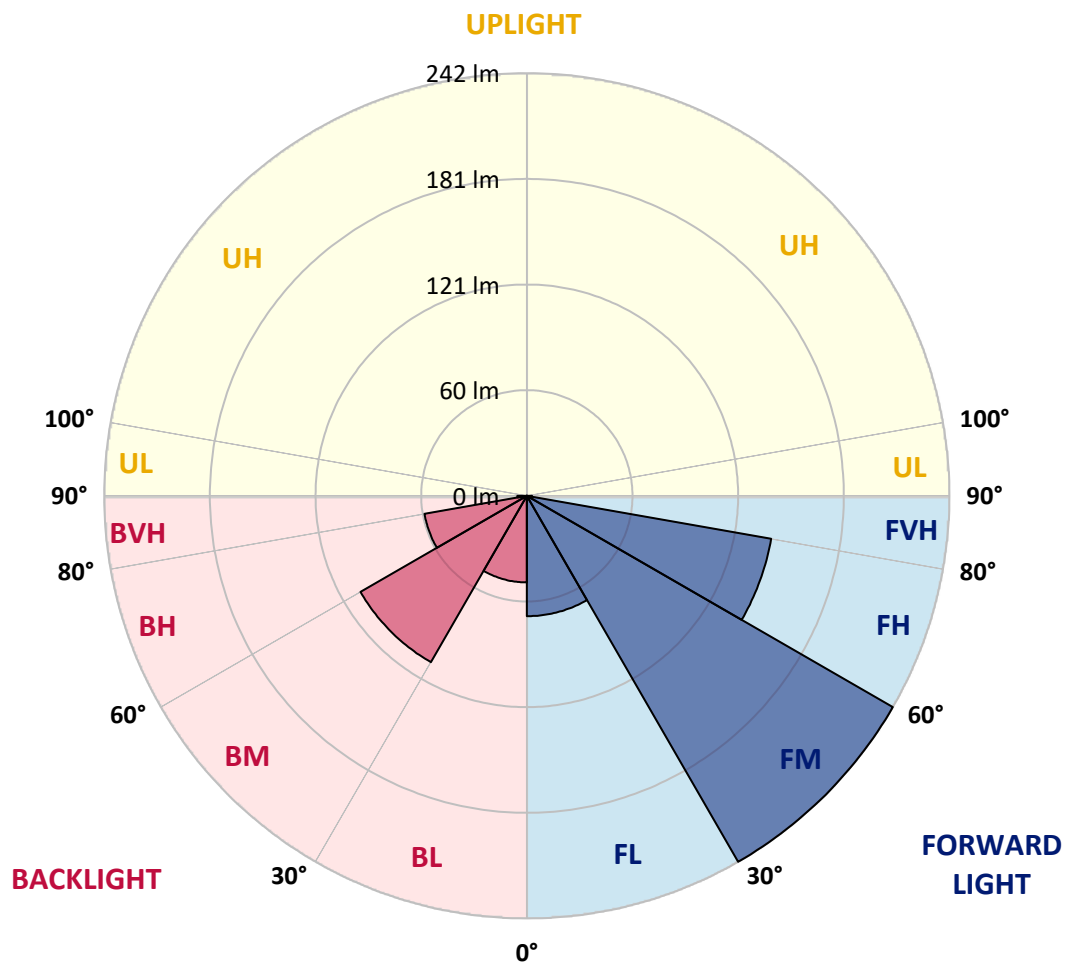
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	68.8	10.1			
FM	(30°-60°)	241.6	35.6			
FH	(60°-80°)	141.8	20.9			G0/660
FVH	(80°-90°)	2.9	0.4			G0/10
BL	(0°-30°)	49.5	7.3	B0/110		
BM	(30°-60°)	109.8	16.2	B0/220		
BH	(60°-80°)	59.4	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°	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0
2.5°	136.0	135.8	135.7	135.7	135.2	134.7	134.1	133.7	132.7	132.6	132.0
5°	140.0	140.0	139.7	139.5	138.7	137.4	136.2	135.1	133.6	133.3	132.2
7.5°	145.3	145.3	144.6	144.1	142.9	140.8	138.7	136.6	134.5	134.3	132.4
10°	152.0	152.0	151.5	150.3	147.8	145.0	141.6	138.3	135.6	135.3	132.7
12.5°	159.0	159.1	158.3	156.6	153.6	149.4	145.2	140.4	136.9	136.5	133.2
15°	166.1	166.2	165.7	163.8	159.8	154.6	149.0	143.3	138.6	138.2	134.0
17.5°	173.0	173.3	172.8	170.7	165.9	160.4	153.4	146.4	140.7	140.2	135.3
20°	179.6	179.6	179.6	177.2	172.6	166.3	158.3	150.0	143.1	142.5	136.9
22.5°	185.5	185.8	186.2	184.8	179.6	172.6	164.0	154.1	146.1	145.4	138.9
25°	191.4	191.5	192.6	191.7	186.6	179.3	170.0	159.2	149.8	149.1	141.2
27.5°	198.2	198.6	199.3	198.9	193.1	186.0	176.7	164.9	153.8	153.2	144.1
30°	206.3	206.3	206.7	206.0	200.2	193.1	183.4	170.8	159.0	157.9	147.7
32.5°	212.8	213.5	213.2	213.0	206.9	199.8	190.2	177.4	164.9	163.6	152.5
35°	219.0	219.1	219.0	219.3	213.2	206.5	197.5	185.0	171.4	170.9	158.7
37.5°	222.6	222.8	223.5	224.3	218.9	212.6	204.7	193.4	179.6	178.7	166.1
40°	224.3	224.7	228.2	229.4	223.6	218.4	212.3	201.0	187.5	186.4	173.4
42.5°	226.9	230.0	231.9	232.1	227.2	222.6	218.9	209.7	197.2	196.3	183.3
45°	218.2	217.0	221.9	227.5	227.3	225.3	225.2	219.4	209.2	208.2	194.4
47.5°	207.3	206.4	209.0	217.3	223.2	226.5	231.4	230.8	223.6	222.3	207.4
50°	181.3	182.9	195.8	207.1	217.3	226.9	236.6	242.8	237.7	236.6	221.2
52.5°	157.0	158.0	166.9	193.8	209.7	225.7	241.2	255.4	254.1	252.9	236.3
55°	139.9	141.0	155.0	172.2	198.4	219.7	244.2	267.4	270.8	269.6	252.4
57.5°	122.1	123.8	133.3	148.5	183.3	209.7	245.3	279.4	288.9	287.8	267.7
60°	104.8	107.2	112.9	129.3	164.6	197.9	242.5	289.2	306.4	306.4	283.6
62.5°	88.9	90.3	96.2	111.0	141.0	182.7	235.6	295.3	322.4	321.7	297.6
65°	75.8	76.5	81.2	93.9	121.1	166.1	223.5	294.9	333.8	334.0	306.8
67°	64.0	65.0	70.3	81.8	106.0	150.3	209.5	289.0	337.9	338.2	309.0
67.5°	59.9	61.1	66.9	78.8	102.9	146.0	206.3	286.5	337.6	338.2	308.3
70°	41.3	41.5	51.2	64.9	84.6	123.0	183.5	269.2	327.7	327.3	294.0
72.5°	26.3	25.9	35.2	47.4	68.1	99.6	154.9	238.8	297.3	296.9	259.2
75°	17.5	17.9	23.8	33.9	47.8	77.0	120.7	180.3	206.5	205.0	171.1
77.5°	12.5	12.2	14.7	24.4	32.1	46.8	65.6	95.9	109.7	109.7	93.9
80°	6.8	7.0	8.0	13.5	18.1	18.3	24.6	48.1	53.6	54.8	45.6
82.5°	2.0	2.1	2.9	4.6	5.0	5.5	8.5	13.8	14.5	15.2	12.3
85°	0.0	0.0	0.0	0.1	0.5	0.7	0.7	0.8	1.3	1.3	1.4
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°	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0
2.5°	131.9	132.0	131.5	130.9	130.3	130.1	129.3	128.6	129.0	129.4	129.4
5°	131.8	131.6	130.6	129.4	128.6	128.1	126.8	125.9	126.0	126.4	126.3
7.5°	131.8	131.2	129.8	128.1	126.8	125.7	124.0	123.0	122.8	123.1	122.8
10°	131.9	131.0	129.0	126.6	124.8	123.2	121.1	119.9	119.6	119.7	119.4
12.5°	132.2	130.7	128.2	125.2	122.8	120.7	118.4	116.9	116.7	116.9	116.9
15°	132.6	130.7	127.6	123.9	120.7	118.4	116.0	114.7	114.7	114.8	114.8
17.5°	133.3	131.1	127.0	122.4	118.6	116.0	113.9	113.0	113.1	113.5	113.5
20°	134.1	131.6	126.5	121.0	116.8	113.8	112.1	111.4	111.9	112.5	112.5
22.5°	135.3	132.3	126.0	119.7	114.7	111.7	110.2	109.7	110.2	110.9	110.6
25°	137.2	133.5	125.6	118.5	112.7	109.4	108.0	107.5	107.7	108.3	108.3
27.5°	139.3	134.9	125.5	117.1	110.4	106.8	105.1	104.3	104.3	104.4	104.6
30°	142.8	137.4	126.0	116.0	108.3	104.1	101.8	100.6	100.5	101.0	101.0
32.5°	147.0	140.8	127.3	115.1	106.2	100.8	97.7	96.8	96.6	97.0	96.6
35°	151.7	144.6	129.0	115.0	104.1	97.2	93.8	92.8	92.0	91.7	91.4
37.5°	158.4	149.9	130.7	114.3	101.9	93.4	89.7	87.5	86.6	86.3	86.3
40°	165.0	155.0	132.8	113.2	99.5	89.6	84.3	81.8	81.5	81.5	81.5
42.5°	173.3	161.7	135.7	112.6	96.4	85.8	78.6	75.7	75.7	75.7	75.5
45°	183.5	170.5	139.4	112.3	93.5	81.2	72.4	68.6	68.4	68.3	68.2
47.5°	195.5	179.7	142.9	111.7	90.1	75.7	65.3	61.1	60.2	59.9	59.5
50°	207.8	189.7	146.7	110.8	86.1	69.2	58.6	53.7	51.8	51.1	51.4
52.5°	221.0	199.4	150.4	109.4	81.2	62.8	51.8	46.6	44.7	43.9	43.7
55°	233.9	209.3	153.8	107.7	75.9	56.2	46.0	41.0	39.3	39.0	39.0
57.5°	246.9	218.7	156.5	105.2	70.2	50.4	41.0	36.9	35.7	36.3	36.3
60°	258.7	227.0	157.8	101.8	64.4	45.2	37.0	34.0	33.5	34.8	34.7
62.5°	269.3	232.5	157.1	96.8	58.7	40.7	34.0	31.8	31.9	33.5	33.6
65°	274.4	233.5	153.3	90.0	52.4	36.9	30.9	28.8	29.0	30.7	31.1
67°	273.3	229.9	147.0	82.2	47.3	34.0	28.9	26.8	26.9	28.4	28.5
67.5°	272.0	228.2	145.3	79.9	46.0	33.5	28.4	26.4	26.7	28.0	28.0
70°	254.5	210.9	129.5	67.8	39.8	29.8	25.9	24.6	24.8	25.6	25.6
72.5°	222.4	182.6	104.8	54.4	33.8	26.4	23.4	22.6	22.6	22.6	21.9
75°	141.9	114.4	68.6	41.6	27.9	22.6	21.0	20.1	19.6	20.4	20.1
77.5°	78.4	59.8	35.7	23.9	20.1	18.8	18.3	17.9	17.7	19.6	19.0
80°	37.2	29.6	20.1	13.7	11.6	13.9	15.8	15.5	18.5	25.4	25.5
82.5°	11.8	9.7	8.1	7.5	7.8	10.0	12.2	14.1	24.0	27.2	26.8
85°	1.4	1.3	0.9	3.0	5.1	7.4	9.5	18.3	22.1	18.4	17.3
87.5°	0.5	0.5	0.5	2.1	3.9	5.6	8.5	18.4	13.5	12.3	11.3
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)