

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: P1211846

Luminaire Tested: **GKO-PB1A-830-U-T3**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211846
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-T3
Description: GEKKO WALL PACK 750LM PACKAGE 80CRI 3000K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source: (10) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

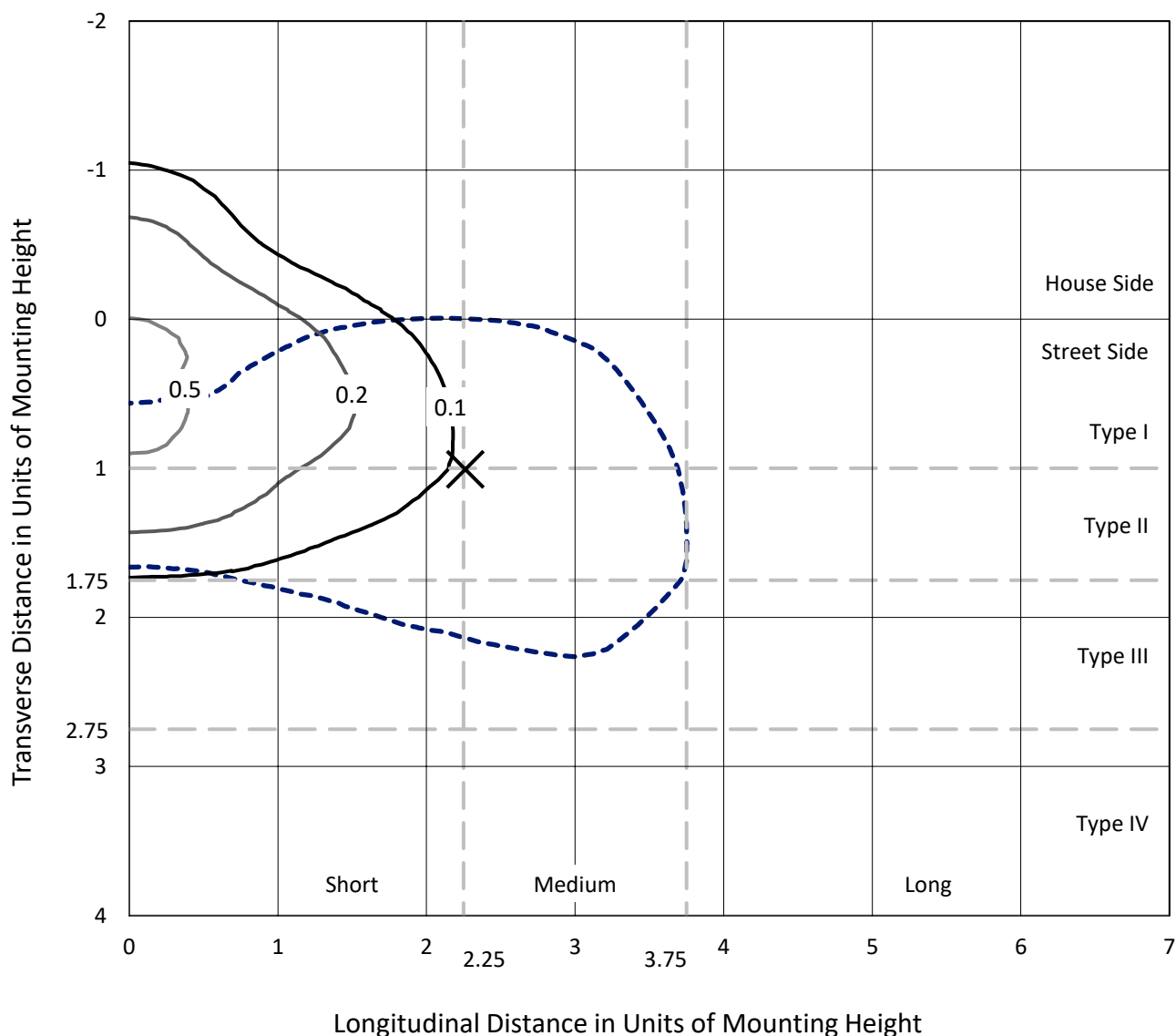
Lumens per Lamp: N/A
Luminaire Lumens: 676.7 lumens
Efficiency: N/A
Efficacy: 141.0 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B0 - U0 - G0

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

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Iso-Footcandle Lines of Horizontal Illumination

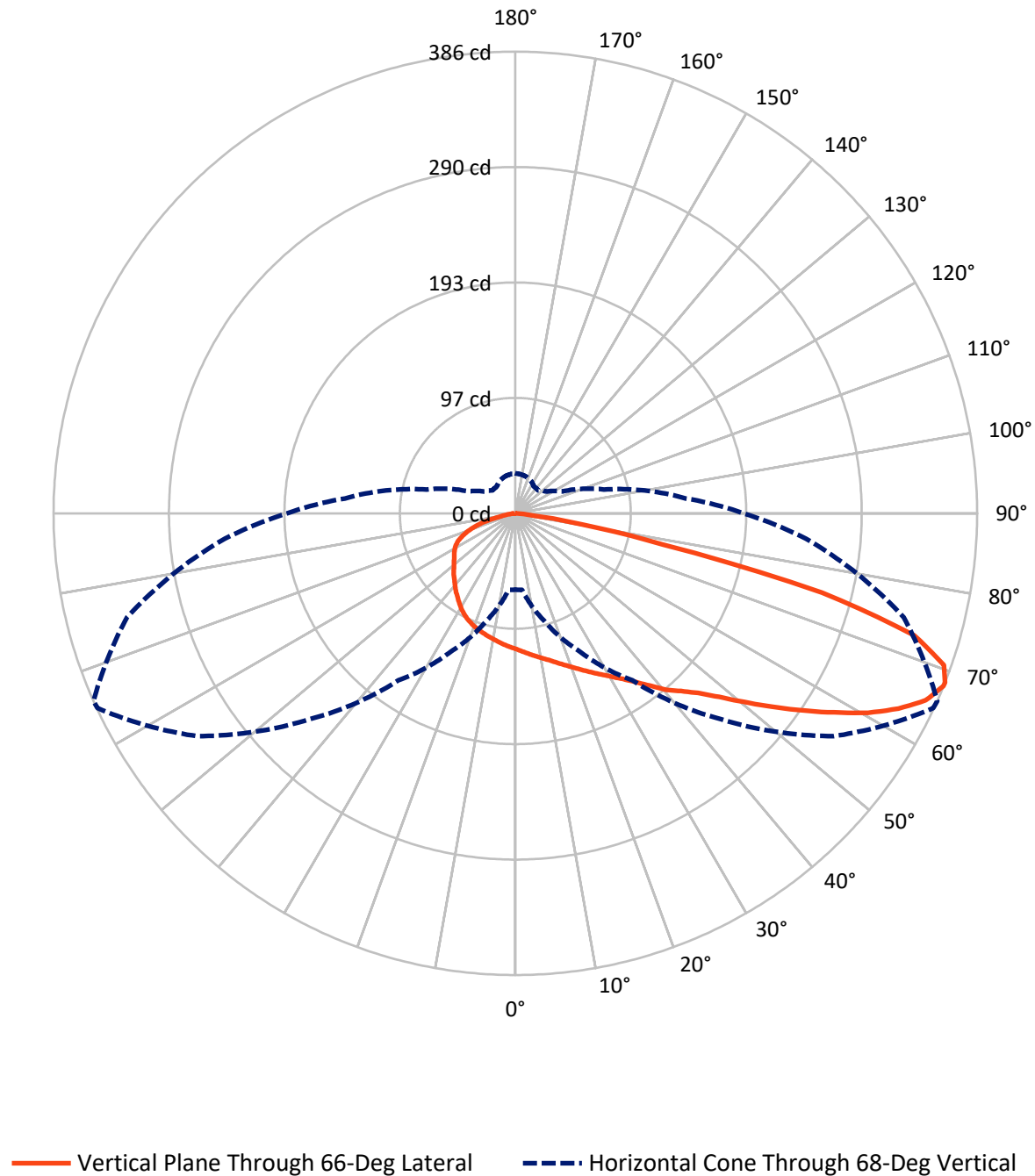
× Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



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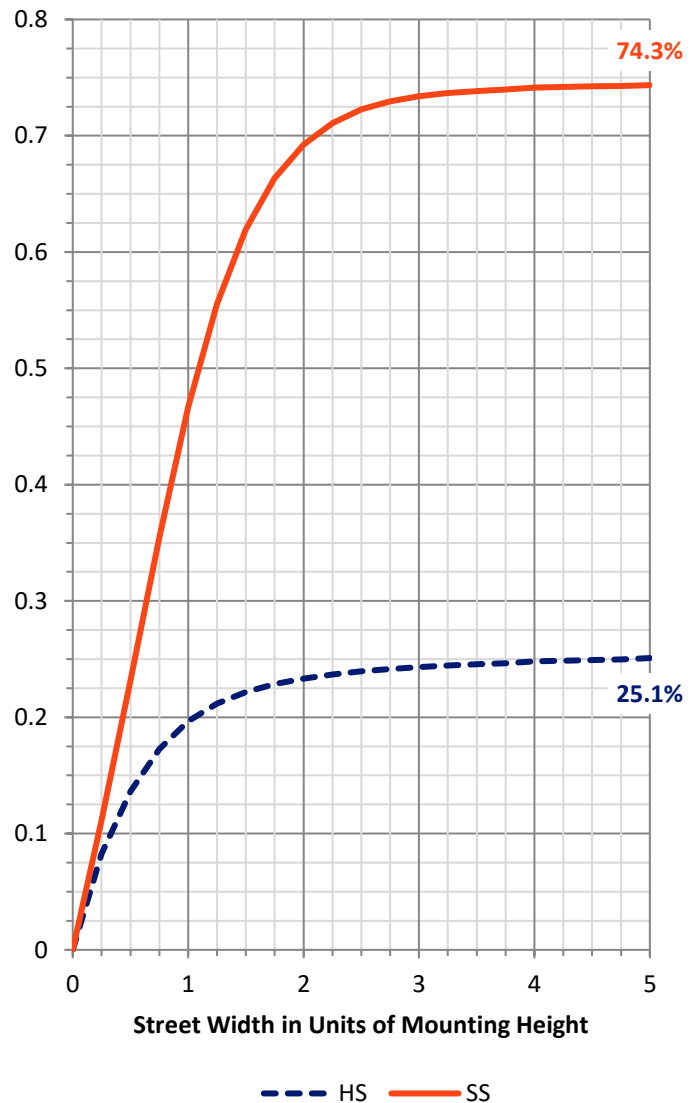
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	173.2	0.0	173.2
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	503.4	0.0	503.4
	% Fixture	74.4	0.0	74.4
Total	Lumens	676.7	0.0	676.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.9	1.6
10°-20°	32.7	4.8
20°-30°	56.4	8.3
30°-40°	87.5	12.9
40°-50°	119.8	17.7
50°-60°	143.0	21.1
60°-70°	143.3	21.2
70°-80°	75.8	11.2
80°-90°	7.3	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°	676.7	100.0
0°-180°	676.7	100.0



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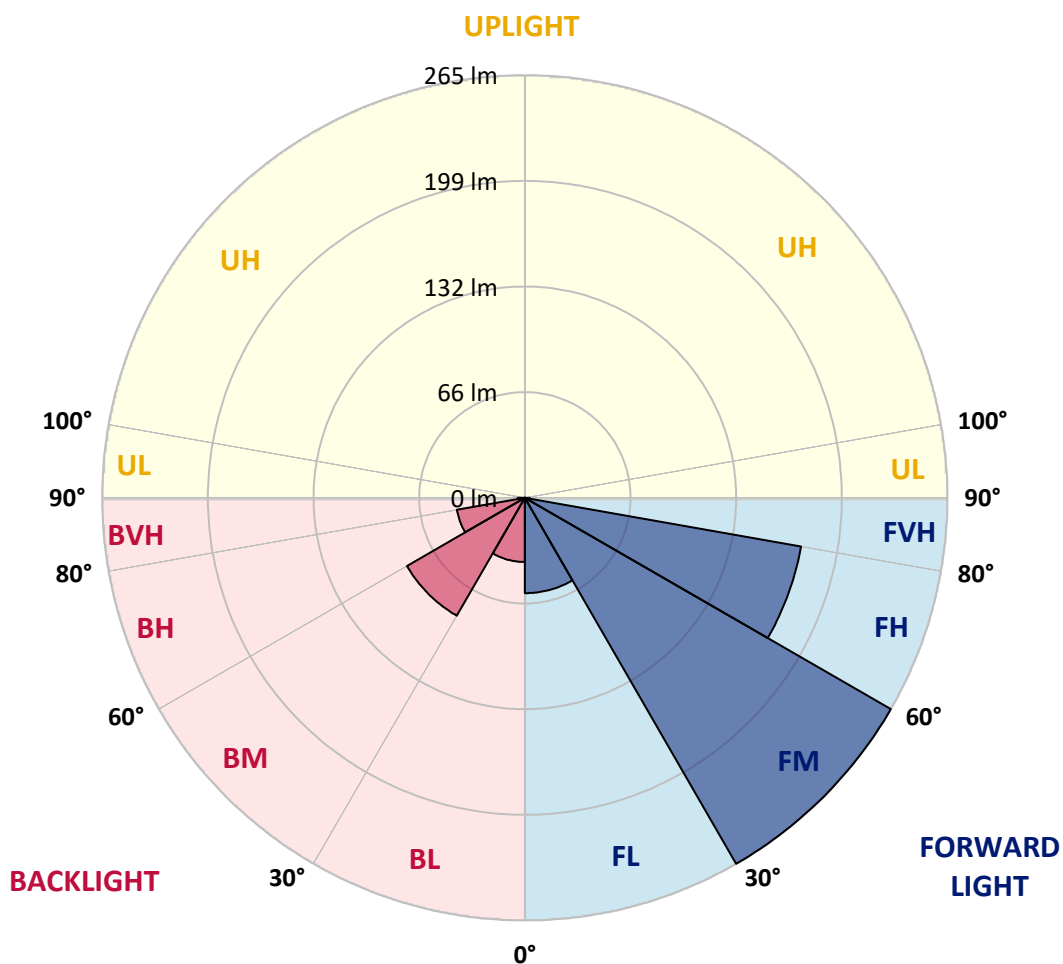
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	59.8	8.8			
FM	(30°-60°)	264.9	39.2			
FH	(60°-80°)	175.8	26.0			G0/660
FVH	(80°-90°)	2.9	0.4			G0/10
BL	(0°-30°)	40.2	5.9	B0/110		
BM	(30°-60°)	85.3	12.6	B0/220		
BH	(60°-80°)	43.2	6.4	B0/110		G0/110
BVH	(80°-90°)	4.4	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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	113.5	113.5	113.5	113.5	113.5	113.5	113.5	113.5	113.5	113.5	113.5
2.5°	118.2	118.2	118.0	117.8	117.7	116.9	116.4	115.7	115.7	114.7	113.8
5°	122.3	122.4	121.9	121.9	121.4	120.3	119.3	118.0	118.0	116.4	114.5
7.5°	125.8	126.2	125.7	125.7	125.2	124.0	122.3	120.5	120.5	118.2	115.6
10°	129.3	129.5	129.3	129.5	128.7	127.7	125.7	123.2	123.1	120.3	116.6
12.5°	132.0	132.3	132.4	132.8	132.1	131.4	129.5	126.4	126.0	122.7	118.0
15°	134.6	134.9	135.3	135.8	135.7	135.0	133.3	129.8	129.5	125.3	119.7
17.5°	136.7	136.9	137.7	138.7	139.0	139.1	137.3	133.6	133.3	128.3	121.5
20°	139.8	140.0	140.8	141.9	142.6	143.2	141.7	137.7	137.4	131.9	123.9
22.5°	146.6	146.2	146.6	146.6	147.0	147.8	146.7	142.6	142.1	136.1	126.8
25°	159.5	159.1	158.0	155.7	153.0	152.9	151.7	147.8	147.1	140.4	129.5
27.5°	177.5	176.5	174.6	169.6	163.3	159.2	157.4	153.3	152.5	144.8	132.1
30°	196.5	197.6	194.3	187.4	175.9	167.2	163.7	159.1	158.4	149.6	135.3
32.5°	218.7	218.8	215.6	206.1	191.1	177.3	171.3	165.6	165.1	155.3	139.5
35°	231.6	232.1	230.7	221.9	204.8	188.5	180.5	173.6	173.3	162.4	144.8
37.5°	245.0	246.2	243.9	234.2	215.2	198.9	190.7	183.2	182.8	170.5	151.3
40°	264.8	264.3	261.9	247.6	224.9	207.5	200.8	194.9	194.0	180.5	158.0
42.5°	279.1	280.4	275.3	259.2	235.5	216.2	211.0	204.3	203.1	186.5	162.0
45°	284.0	282.8	277.2	265.3	249.4	224.1	220.5	215.4	214.2	197.2	169.7
47.5°	285.0	282.9	277.9	269.0	261.3	234.3	232.2	231.1	229.3	210.6	179.0
50°	278.6	277.2	274.8	270.3	268.9	243.9	245.0	249.3	247.9	225.0	189.4
52.5°	264.0	263.4	265.5	268.4	264.5	252.2	260.1	268.9	268.4	240.9	200.6
55°	236.6	236.6	248.4	258.5	260.7	257.6	276.4	291.5	290.8	258.8	211.2
57.5°	211.5	211.9	221.7	244.4	253.9	263.4	294.5	315.1	314.1	278.9	222.4
60°	179.8	179.8	194.8	223.3	244.1	267.8	310.5	338.0	338.6	298.3	233.4
62.5°	142.4	142.8	163.5	197.0	229.9	268.6	323.3	359.5	359.4	315.9	242.0
65°	105.0	105.1	133.3	167.9	208.6	263.1	330.2	376.1	376.9	329.8	246.9
67.5°	68.2	69.5	98.1	136.2	178.5	247.5	326.5	384.9	385.8	336.3	245.4
68°	63.8	64.1	92.9	127.5	170.4	243.5	324.8	385.3	386.0	336.1	243.8
70°	41.4	41.4	66.5	99.6	136.0	219.0	310.0	379.1	380.0	330.4	232.4
72.5°	22.3	22.7	38.0	60.3	92.9	169.4	279.8	346.9	348.5	298.7	203.2
75°	15.6	15.9	22.1	33.8	50.6	110.3	218.7	265.1	264.8	206.4	127.3
77.5°	11.3	11.3	12.6	21.0	26.5	50.4	108.2	127.7	126.2	100.7	64.2
80°	7.4	7.4	7.9	11.0	12.7	15.4	33.1	55.3	56.4	49.1	32.1
82.5°	3.0	3.2	3.4	4.5	4.6	6.4	9.5	15.9	15.4	12.5	9.1
85°	0.4	0.4	0.5	0.7	0.8	1.4	1.3	1.3	1.3	1.6	1.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.4	0.5	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°	113.5	113.5	113.5	113.5	113.5	113.5	113.5	113.5	113.5	113.5	113.5
2.5°	113.5	113.5	112.7	111.9	111.1	110.5	109.5	108.9	109.0	109.4	109.3
5°	114.1	113.5	111.9	110.2	108.9	107.7	106.0	105.1	105.0	105.2	105.1
7.5°	114.5	113.5	111.1	108.5	106.4	104.8	102.5	101.5	101.1	101.3	101.3
10°	115.3	113.6	110.3	106.7	104.0	101.8	99.3	98.0	97.6	97.6	97.5
12.5°	116.2	113.9	109.5	105.1	101.7	99.0	96.2	94.7	94.3	94.3	94.2
15°	117.2	114.3	108.8	103.4	99.4	96.3	93.5	91.8	91.3	91.3	91.6
17.5°	118.3	114.7	108.0	101.8	97.1	93.5	90.6	88.9	88.3	88.7	88.9
20°	119.5	115.5	107.2	100.1	94.7	91.0	88.1	86.4	85.8	86.4	86.6
22.5°	121.2	116.1	106.3	98.1	92.3	88.3	85.6	84.1	83.7	84.3	84.9
25°	122.9	116.9	105.1	96.0	89.3	85.4	83.3	82.1	82.2	83.1	83.7
27.5°	124.8	117.6	103.9	93.4	86.0	82.4	80.8	80.5	81.0	82.1	82.8
30°	127.0	118.5	102.3	90.4	82.4	79.1	78.4	79.2	80.1	81.2	81.8
32.5°	129.9	119.7	100.7	87.0	78.5	75.5	76.6	78.3	79.3	80.4	81.0
35°	134.0	122.0	99.8	83.5	74.5	72.5	74.9	77.6	78.4	79.1	79.9
37.5°	138.7	125.2	99.4	80.4	70.8	69.9	73.2	76.4	76.7	77.0	77.8
40°	143.3	127.5	98.4	77.0	67.0	67.0	71.1	74.2	74.1	73.7	74.2
42.5°	145.1	127.3	95.4	73.7	64.0	64.1	67.8	70.8	70.0	70.0	70.8
45°	150.4	129.4	93.1	71.1	61.2	60.7	63.6	65.9	67.3	69.0	69.7
47.5°	157.1	132.3	91.4	68.0	58.6	56.9	58.5	62.4	64.6	66.5	67.1
50°	164.1	135.6	89.8	64.9	56.0	52.5	53.3	57.7	59.6	60.6	60.9
52.5°	171.2	138.6	88.7	62.3	52.9	47.4	49.1	53.2	54.6	55.2	55.4
55°	177.5	141.1	87.6	60.0	49.5	43.3	44.7	48.9	49.9	50.4	50.8
57.5°	184.2	143.8	87.0	57.9	45.7	39.8	40.7	44.5	46.0	46.5	46.9
60°	190.1	146.5	86.4	55.7	42.2	36.6	37.2	40.9	42.4	42.7	43.1
62.5°	194.0	148.2	85.6	52.9	38.9	33.6	33.8	37.3	39.0	39.3	39.5
65°	195.1	147.8	83.3	49.3	35.6	30.6	30.6	34.0	35.9	36.8	37.2
67.5°	191.9	144.5	78.3	44.5	32.4	27.8	27.8	30.9	32.8	33.9	34.3
68°	190.9	143.0	76.7	43.3	31.7	27.2	27.2	30.3	32.2	33.1	33.4
70°	181.9	136.0	69.5	38.9	29.2	25.2	25.2	28.0	29.9	29.9	29.8
72.5°	158.0	117.8	57.1	32.6	25.5	22.3	22.7	25.4	26.0	26.7	26.5
75°	97.9	70.5	38.4	25.7	21.4	19.6	20.4	22.7	23.1	24.6	24.2
77.5°	49.0	34.5	20.4	15.0	16.6	16.8	18.3	20.0	21.1	22.7	21.7
80°	24.2	16.8	12.0	9.3	9.7	12.3	15.9	17.2	19.3	20.4	19.4
82.5°	6.7	5.1	4.9	5.1	7.2	9.6	12.5	15.2	18.0	18.9	17.6
85°	1.2	0.9	0.8	2.5	5.0	7.1	10.1	13.5	16.2	15.5	14.6
87.5°	0.4	0.3	0.3	1.6	3.7	5.8	8.7	12.1	13.8	12.5	11.2
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)