

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: P1211856

Luminaire Tested: **GKO-PB1A-835-U-T3**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211856
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-T3
Description: GEKKO WALL PACK 750LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

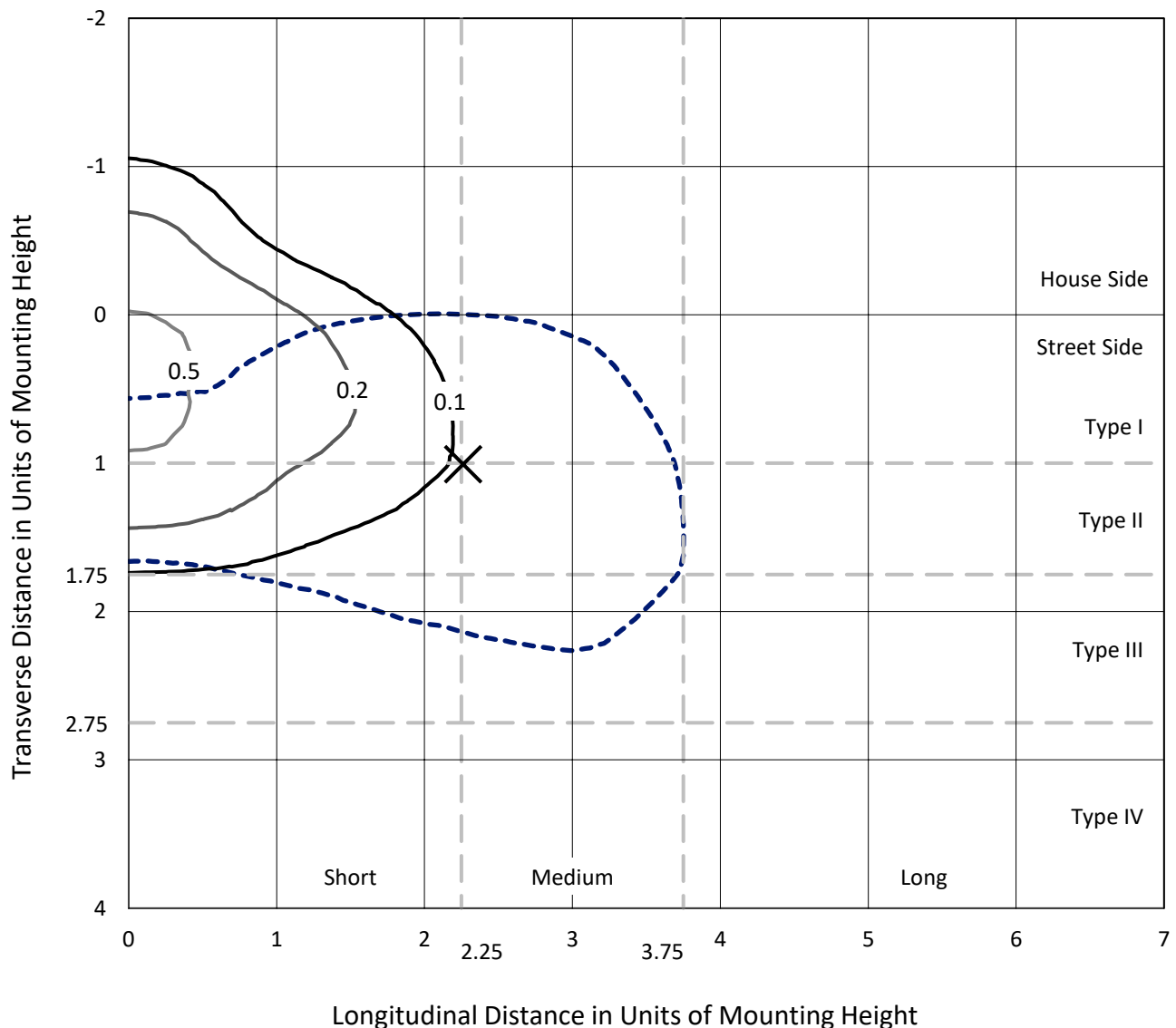
Lumens per Lamp: N/A
Luminaire Lumens: 687.4 lumens
Efficiency: N/A
Efficacy: 143.2 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B0 - U0 - G0

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

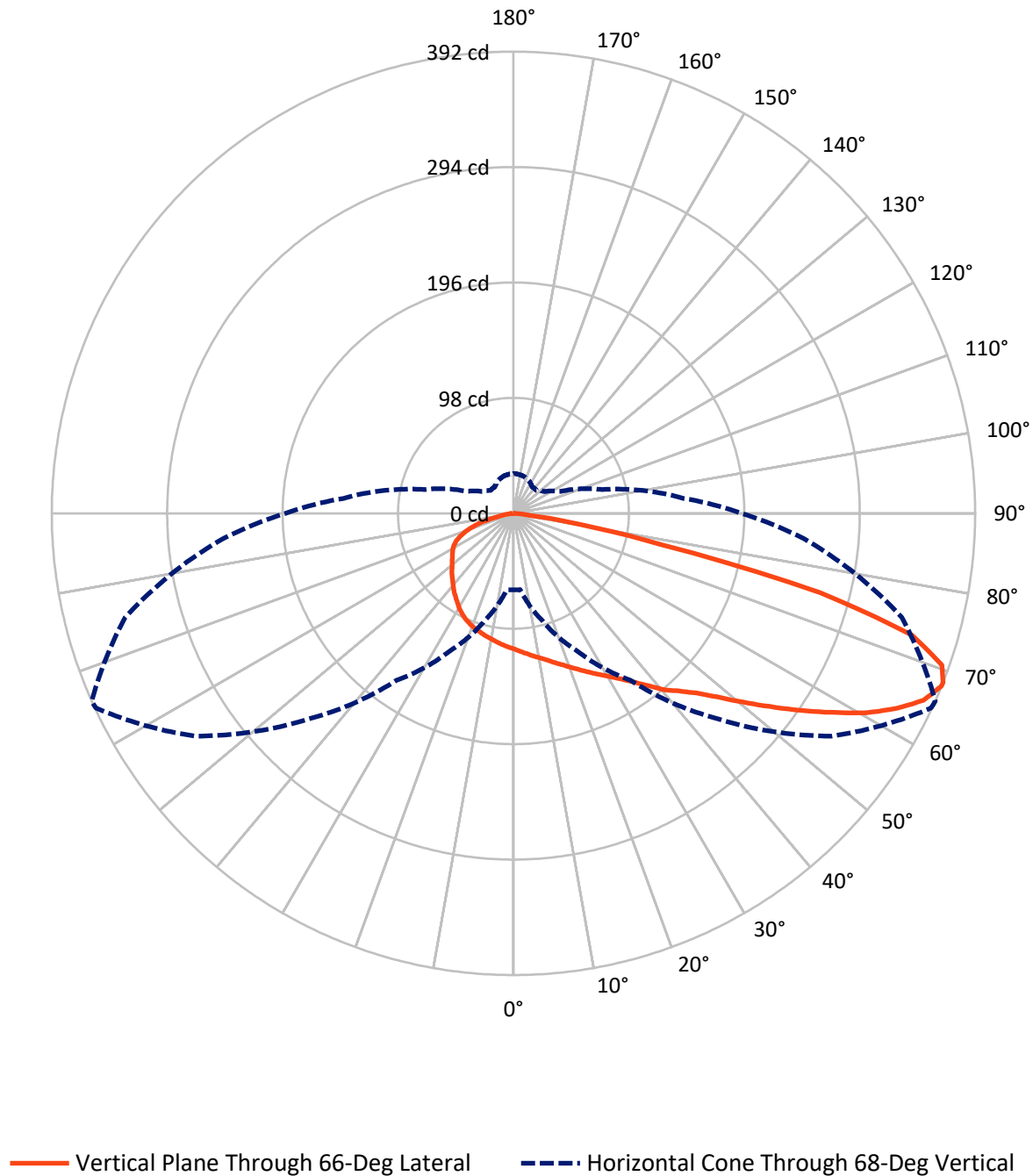
× Max cd
 - - - 1/2 Max cd



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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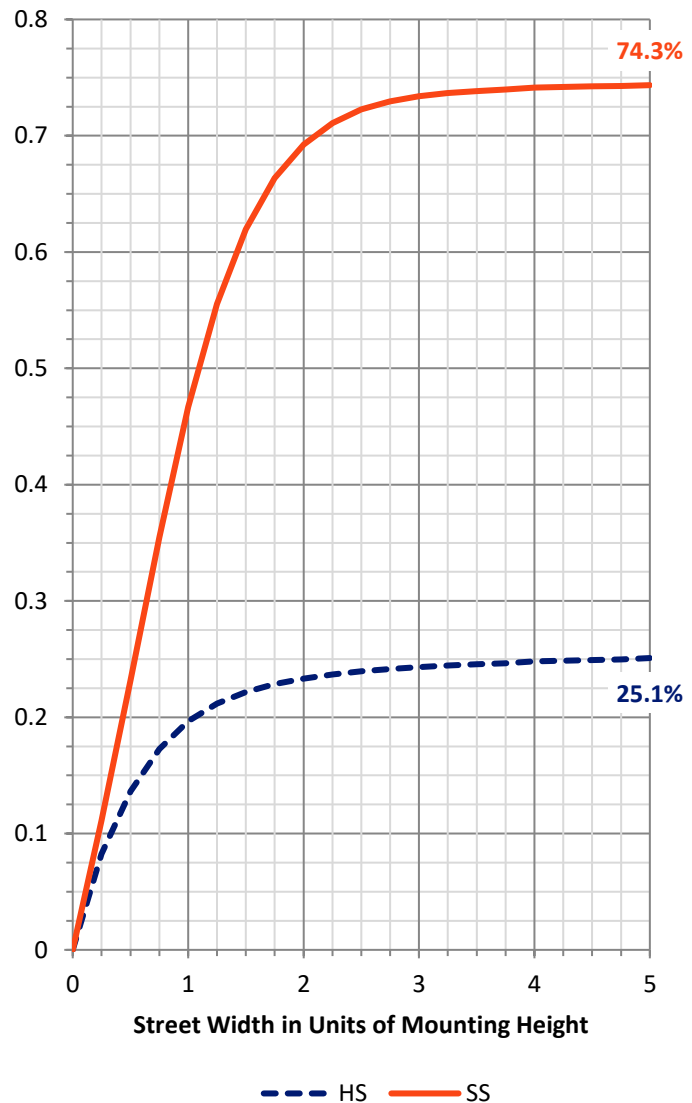
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	176.0	0.0	176.0
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	511.4	0.0	511.4
	% Fixture	74.4	0.0	74.4
Total	Lumens	687.4	0.0	687.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.1	1.6
10°-20°	33.2	4.8
20°-30°	57.3	8.3
30°-40°	88.9	12.9
40°-50°	121.7	17.7
50°-60°	145.2	21.1
60°-70°	145.5	21.2
70°-80°	77.0	11.2
80°-90°	7.4	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°	687.4	100.0
0°-180°	687.4	100.0



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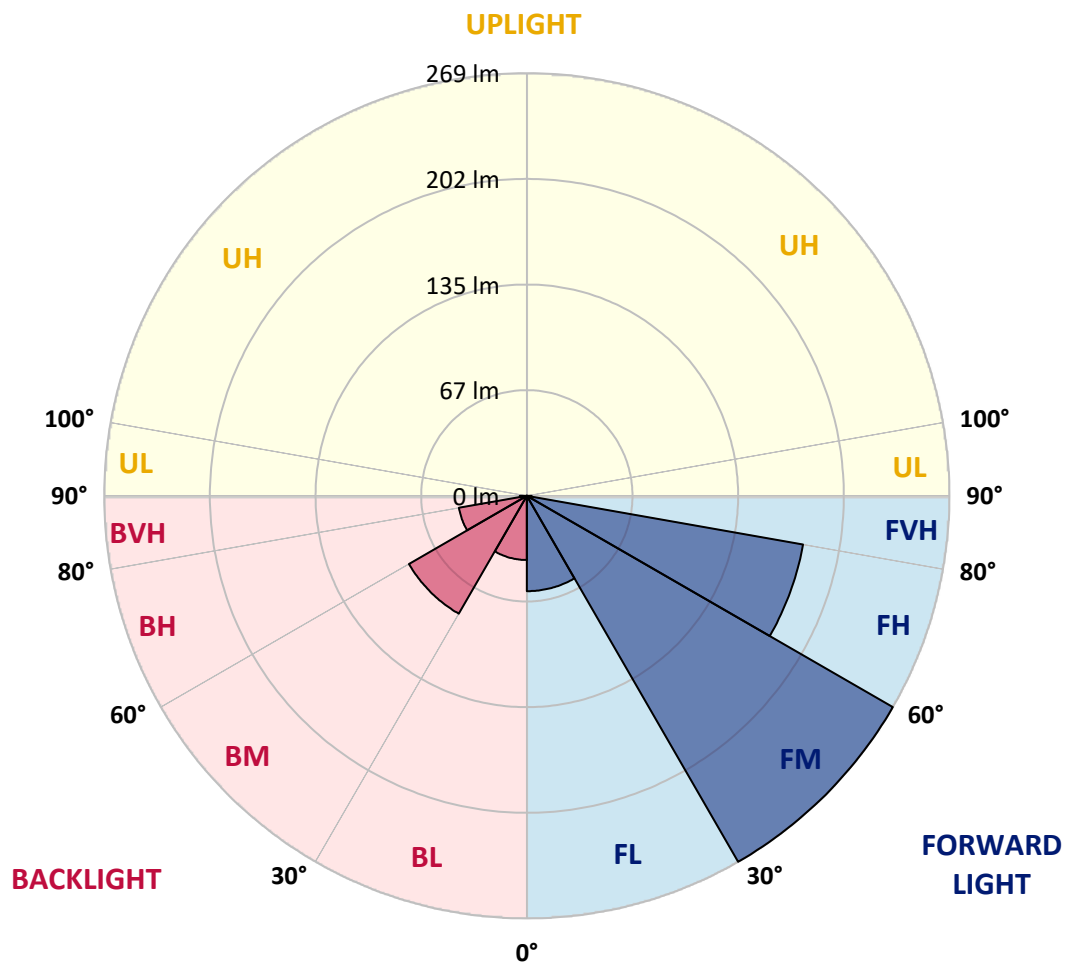
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	60.7	8.8			
FM	(30°-60°)	269.1	39.2			
FH	(60°-80°)	178.6	26.0			G0/660
FVH	(80°-90°)	2.9	0.4			G0/10
BL	(0°-30°)	40.9	5.9	B0/110		
BM	(30°-60°)	86.7	12.6	B0/220		
BH	(60°-80°)	43.9	6.4	B0/110		G0/110
BVH	(80°-90°)	4.5	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°	115.3	115.3	115.3	115.3	115.3	115.3	115.3	115.3	115.3	115.3	115.3
2.5°	120.1	120.1	119.8	119.7	119.6	118.8	118.2	117.6	117.6	116.5	115.6
5°	124.2	124.4	123.8	123.8	123.3	122.2	121.2	119.8	119.8	118.2	116.4
7.5°	127.8	128.2	127.7	127.7	127.2	126.0	124.2	122.4	122.4	120.1	117.4
10°	131.3	131.6	131.3	131.6	130.8	129.7	127.7	125.2	125.0	122.2	118.5
12.5°	134.1	134.4	134.5	134.9	134.2	133.4	131.6	128.4	128.0	124.6	119.8
15°	136.8	137.0	137.4	138.0	137.8	137.2	135.4	131.8	131.6	127.3	121.6
17.5°	138.9	139.0	139.8	140.9	141.2	141.3	139.4	135.7	135.4	130.4	123.4
20°	142.0	142.2	143.0	144.1	144.9	145.5	144.0	139.8	139.6	134.0	125.8
22.5°	148.9	148.5	148.9	148.9	149.3	150.1	149.1	144.9	144.4	138.2	128.8
25°	162.0	161.6	160.5	158.1	155.5	155.3	154.1	150.1	149.5	142.6	131.6
27.5°	180.3	179.3	177.3	172.3	165.9	161.7	159.9	155.7	154.9	147.1	134.2
30°	199.6	200.7	197.4	190.4	178.7	169.9	166.3	161.6	160.9	152.0	137.4
32.5°	222.2	222.3	219.0	209.4	194.2	180.1	174.0	168.3	167.7	157.7	141.7
35°	235.3	235.8	234.3	225.4	208.0	191.5	183.3	176.4	176.0	164.9	147.1
37.5°	248.9	250.1	247.8	237.9	218.6	202.0	193.8	186.1	185.7	173.2	153.7
40°	269.0	268.5	266.1	251.5	228.5	210.8	204.0	198.0	197.1	183.3	160.5
42.5°	283.6	284.9	279.7	263.3	239.3	219.6	214.3	207.5	206.3	189.5	164.5
45°	288.5	287.3	281.6	269.6	253.4	227.6	224.0	218.8	217.6	200.3	172.4
47.5°	289.6	287.4	282.4	273.3	265.4	238.1	235.9	234.7	233.0	213.9	181.9
50°	283.0	281.6	279.2	274.6	273.2	247.8	248.9	253.3	251.8	228.6	192.4
52.5°	268.2	267.5	269.7	272.6	268.7	256.2	264.2	273.2	272.6	244.7	203.8
55°	240.3	240.3	252.3	262.6	264.9	261.7	280.8	296.1	295.4	262.9	214.6
57.5°	214.8	215.2	225.2	248.3	257.9	267.5	299.2	320.1	319.1	283.3	225.9
60°	182.7	182.7	197.9	226.8	247.9	272.1	315.5	343.3	344.0	303.0	237.1
62.5°	144.6	145.0	166.1	200.2	233.5	272.9	328.4	365.2	365.1	320.9	245.8
65°	106.6	106.8	135.4	170.5	211.9	267.3	335.5	382.0	382.8	335.1	250.9
67.5°	69.3	70.6	99.7	138.4	181.3	251.4	331.7	391.0	391.9	341.6	249.3
68°	64.9	65.1	94.3	129.6	173.1	247.4	330.0	391.4	392.2	341.5	247.7
70°	42.0	42.0	67.5	101.1	138.1	222.4	314.9	385.1	386.0	335.6	236.1
72.5°	22.7	23.1	38.6	61.2	94.3	172.1	284.2	352.4	354.0	303.4	206.4
75°	15.9	16.1	22.4	34.3	51.4	112.1	222.2	269.3	269.0	209.6	129.3
77.5°	11.5	11.5	12.8	21.4	27.0	51.2	110.0	129.7	128.2	102.3	65.3
80°	7.5	7.5	8.0	11.2	12.9	15.6	33.6	56.2	57.2	49.9	32.6
82.5°	3.1	3.2	3.5	4.5	4.7	6.5	9.6	16.1	15.6	12.7	9.2
85°	0.4	0.4	0.5	0.7	0.8	1.5	1.3	1.3	1.3	1.6	1.5
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°	115.3	115.3	115.3	115.3	115.3	115.3	115.3	115.3	115.3	115.3	115.3
2.5°	115.3	115.3	114.5	113.7	112.9	112.2	111.3	110.6	110.8	111.2	111.0
5°	116.0	115.3	113.7	112.0	110.6	109.4	107.7	106.8	106.6	106.9	106.8
7.5°	116.4	115.3	112.9	110.2	108.1	106.5	104.1	103.1	102.7	102.9	102.9
10°	117.2	115.4	112.1	108.4	105.7	103.4	100.9	99.5	99.1	99.1	99.0
12.5°	118.1	115.7	111.3	106.8	103.3	100.6	97.7	96.2	95.8	95.8	95.7
15°	119.0	116.1	110.5	105.0	101.0	97.8	95.0	93.3	92.7	92.7	93.0
17.5°	120.2	116.5	109.7	103.4	98.6	95.0	92.1	90.3	89.7	90.1	90.3
20°	121.4	117.3	108.9	101.7	96.2	92.5	89.5	87.8	87.1	87.8	87.9
22.5°	123.2	118.0	108.0	99.7	93.8	89.7	87.0	85.4	85.0	85.7	86.2
25°	124.9	118.8	106.8	97.5	90.7	86.7	84.6	83.4	83.5	84.5	85.0
27.5°	126.8	119.4	105.6	94.9	87.4	83.7	82.1	81.8	82.3	83.4	84.1
30°	129.0	120.4	104.0	91.8	83.7	80.3	79.7	80.5	81.4	82.5	83.1
32.5°	132.0	121.6	102.3	88.3	79.8	76.7	77.8	79.5	80.6	81.7	82.3
35°	136.1	124.0	101.4	84.9	75.7	73.7	76.1	78.9	79.7	80.3	81.1
37.5°	140.9	127.2	101.0	81.7	71.9	71.0	74.3	77.7	77.9	78.2	79.0
40°	145.6	129.6	99.9	78.2	68.1	68.1	72.2	75.4	75.3	74.9	75.4
42.5°	147.5	129.3	96.9	74.9	65.0	65.1	68.9	71.9	71.1	71.1	71.9
45°	152.8	131.4	94.6	72.2	62.2	61.6	64.6	67.0	68.3	70.1	70.9
47.5°	159.6	134.4	92.9	69.1	59.5	57.8	59.4	63.4	65.7	67.5	68.2
50°	166.7	137.7	91.3	65.9	56.8	53.4	54.2	58.6	60.6	61.5	61.9
52.5°	173.9	140.8	90.1	63.3	53.8	48.2	49.9	54.0	55.5	56.0	56.3
55°	180.3	143.3	89.0	61.0	50.3	44.0	45.4	49.6	50.7	51.2	51.6
57.5°	187.1	146.1	88.3	58.8	46.4	40.4	41.4	45.2	46.7	47.2	47.6
60°	193.1	148.8	87.8	56.6	42.8	37.2	37.8	41.5	43.1	43.4	43.8
62.5°	197.1	150.5	87.0	53.8	39.5	34.2	34.3	37.9	39.6	39.9	40.2
65°	198.2	150.1	84.6	50.0	36.2	31.1	31.1	34.6	36.4	37.4	37.8
67.5°	195.0	146.8	79.5	45.2	33.0	28.3	28.3	31.4	33.4	34.4	34.8
68°	193.9	145.3	77.9	44.0	32.2	27.6	27.6	30.8	32.7	33.6	33.9
70°	184.8	138.1	70.6	39.5	29.6	25.6	25.6	28.4	30.4	30.4	30.3
72.5°	160.5	119.7	58.0	33.1	25.9	22.7	23.1	25.8	26.4	27.1	27.0
75°	99.4	71.7	39.0	26.2	21.8	19.9	20.7	23.1	23.5	25.0	24.6
77.5°	49.8	35.1	20.7	15.2	16.8	17.1	18.5	20.3	21.5	23.1	22.0
80°	24.6	17.1	12.1	9.5	9.9	12.5	16.1	17.5	19.6	20.7	19.7
82.5°	6.8	5.2	4.9	5.2	7.3	9.7	12.7	15.5	18.3	19.2	17.9
85°	1.2	0.9	0.8	2.5	5.1	7.2	10.3	13.7	16.4	15.7	14.8
87.5°	0.4	0.3	0.3	1.6	3.7	5.9	8.8	12.3	14.0	12.7	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)