

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: P1211796

Luminaire Tested: **GKO-PB1A-835-U-T4W**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211796
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-T4W
Description: GEKKO WALL PACK 750LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

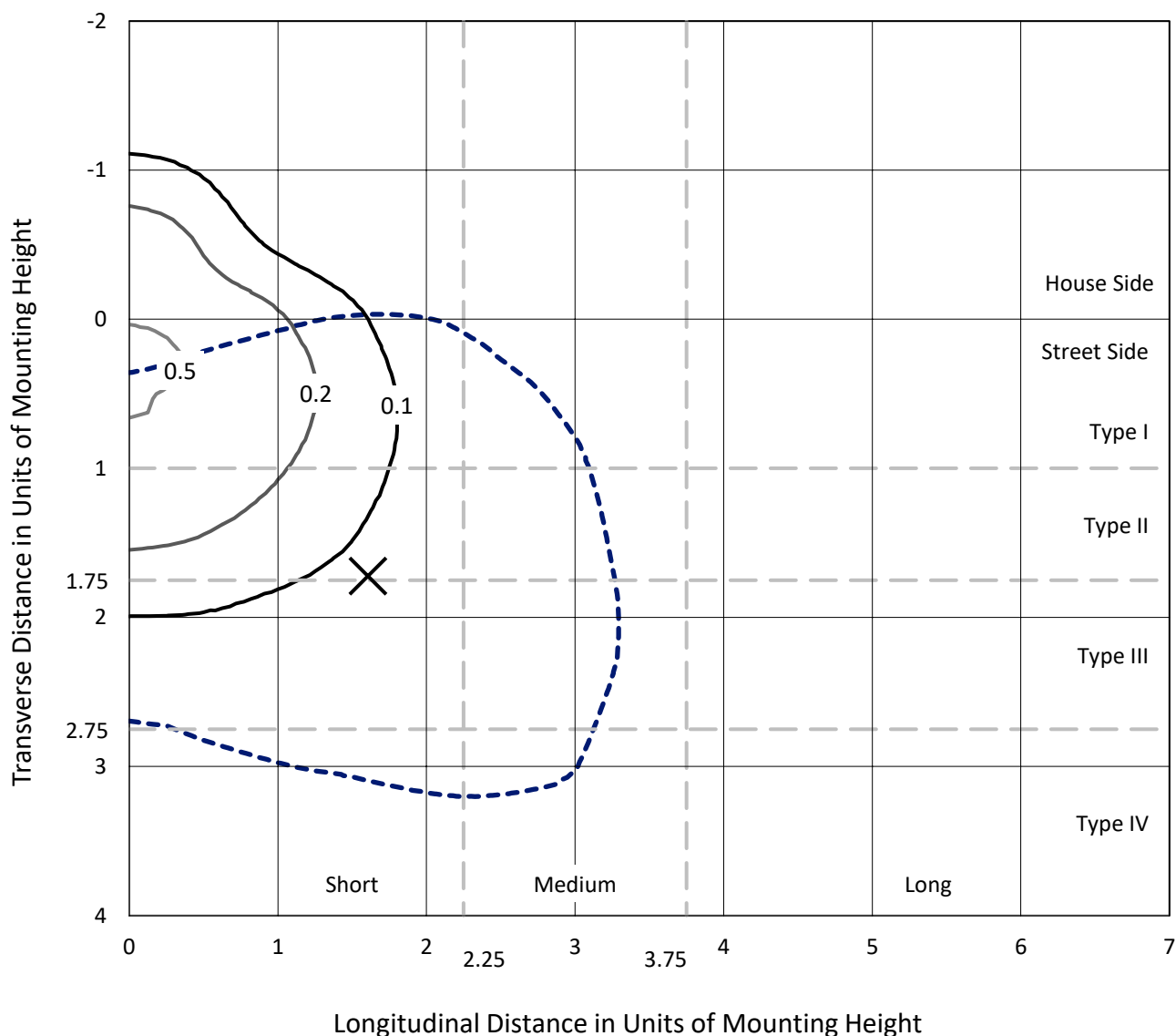
Lumens per Lamp: N/A
Luminaire Lumens: 666.7 lumens
Efficiency: N/A
Efficacy: 138.9 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G0

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

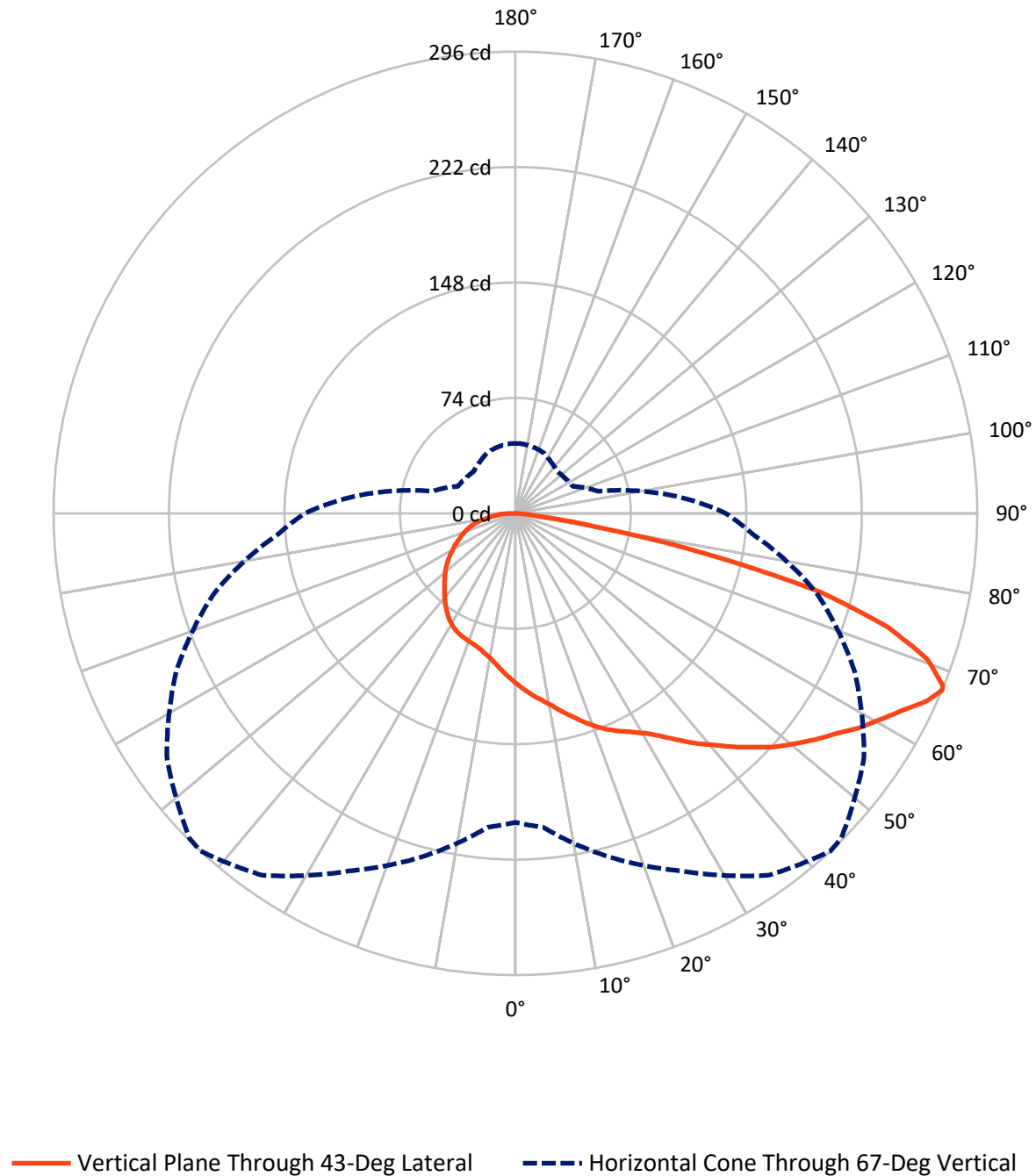
× Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



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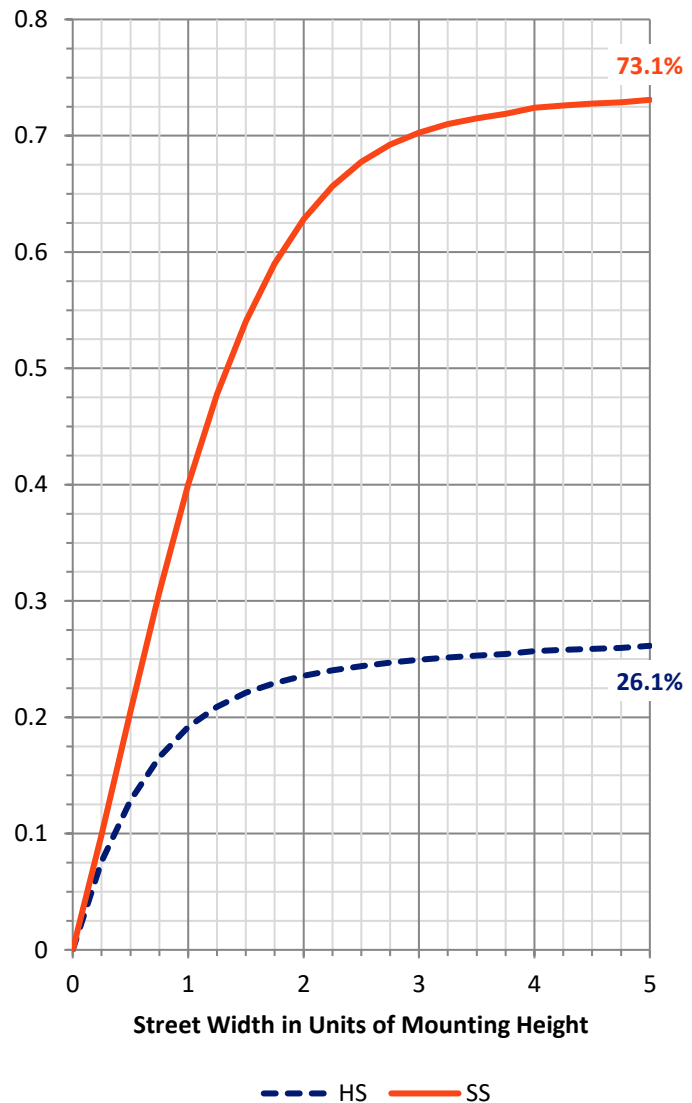
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	179.3	0.0	179.3
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	487.4	0.0	487.4
	% Fixture	73.1	0.0	73.1
Total	Lumens	666.7	0.0	666.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.5	1.6
10°-20°	32.1	4.8
20°-30°	55.7	8.3
30°-40°	82.6	12.4
40°-50°	112.2	16.8
50°-60°	137.7	20.7
60°-70°	145.2	21.8
70°-80°	80.1	12.0
80°-90°	10.6	1.6
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°	666.7	100.0
0°-180°	666.7	100.0



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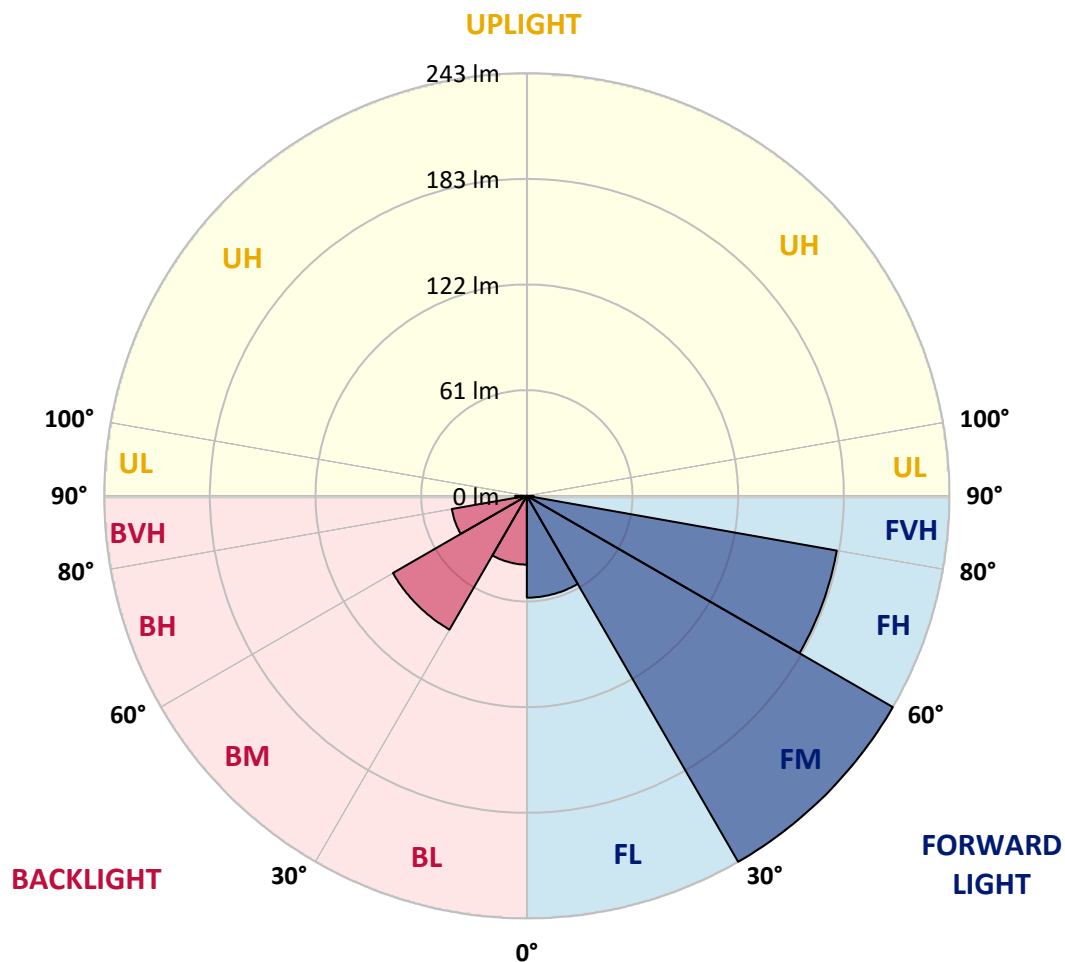
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	58.7	8.8			
FM	(30°-60°)	243.5	36.5			
FH	(60°-80°)	181.4	27.2			G0/660
FVH	(80°-90°)	3.9	0.6			G0/10
BL	(0°-30°)	39.6	5.9	B0/110		
BM	(30°-60°)	89.1	13.4	B0/220		
BH	(60°-80°)	43.9	6.6	B0/110		G0/110
BVH	(80°-90°)	6.7	1.0			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 IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	109.4	109.4	109.4	109.4	109.4	109.4	109.4	109.4	109.4	109.4	109.4
2.5°	114.5	114.8	114.5	114.2	113.7	113.4	113.2	112.5	111.7	110.5	109.6
5°	119.6	119.6	119.2	118.9	118.1	117.3	116.9	115.3	113.6	111.6	109.7
7.5°	124.2	124.8	124.1	123.4	122.2	120.9	120.6	118.2	115.8	113.2	110.4
10°	130.1	130.5	129.6	129.0	126.8	125.0	124.5	121.6	118.4	115.0	111.4
12.5°	136.1	136.4	135.7	134.5	132.1	130.0	129.2	125.3	121.2	117.2	112.6
15°	141.3	141.6	141.3	140.0	137.7	135.0	134.0	129.7	124.6	119.4	114.1
17.5°	145.2	145.7	145.7	145.1	143.1	140.5	139.8	134.5	128.6	122.1	115.8
20°	148.5	148.8	149.3	148.9	147.9	145.7	144.8	139.7	132.6	125.2	117.6
22.5°	151.2	151.5	152.4	152.3	151.6	150.5	149.6	144.9	137.3	128.2	119.2
25°	155.9	155.7	156.3	155.9	155.1	154.7	154.1	150.0	142.0	131.8	121.3
27.5°	164.0	163.7	163.2	161.2	159.2	158.7	158.3	155.3	147.5	136.0	123.7
30°	176.0	176.3	173.7	169.2	165.2	163.6	163.1	161.1	153.6	140.8	126.4
32.5°	190.3	190.2	186.0	179.6	173.3	170.1	169.1	166.9	159.7	145.6	129.4
35°	200.6	200.3	198.2	192.4	185.9	178.3	176.3	172.9	166.3	151.1	132.5
37.5°	214.4	214.0	209.9	203.9	198.0	187.1	184.8	180.3	172.5	156.4	136.0
40°	230.3	227.8	221.0	214.8	206.8	195.2	193.4	187.5	179.7	162.9	140.0
42.5°	244.7	241.0	232.2	224.5	214.4	204.8	202.4	195.5	186.7	168.9	144.1
45°	266.4	257.3	244.6	240.1	222.7	213.9	211.9	203.4	194.3	175.5	148.3
47.5°	263.7	257.3	253.1	252.6	231.4	223.8	220.8	212.0	202.4	182.4	152.5
50°	268.9	263.8	264.1	257.5	239.3	232.2	230.1	221.1	210.7	189.2	157.1
52.5°	267.8	269.3	268.5	258.3	246.9	241.0	239.4	230.5	218.6	195.8	161.1
55°	276.4	275.6	273.8	263.8	255.3	249.3	247.9	240.2	226.6	201.4	164.5
57.5°	282.6	278.5	278.4	270.0	264.6	259.7	257.5	250.2	234.1	206.3	167.2
60°	278.8	273.8	277.4	270.9	270.4	268.5	267.3	259.0	240.7	210.0	168.3
62.5°	258.1	259.3	270.0	269.6	276.6	278.4	277.0	265.2	245.1	211.4	167.5
65°	230.7	234.3	250.7	264.8	284.0	290.0	288.6	269.6	244.7	208.3	162.1
67°	198.2	202.0	227.7	253.1	283.3	296.1	295.2	272.8	239.9	200.4	152.5
67.5°	191.0	195.4	221.0	247.8	280.9	295.6	294.9	273.0	238.3	196.7	148.8
70°	140.5	145.7	181.9	217.8	261.7	280.1	280.0	263.0	221.8	176.4	129.0
72.5°	87.5	92.2	129.7	169.9	226.7	249.4	248.5	229.1	191.0	144.0	101.8
75°	53.6	56.6	81.7	110.8	164.4	201.9	203.2	179.1	130.2	85.5	57.5
77.5°	32.8	36.0	51.5	68.3	100.5	125.6	125.8	99.3	66.9	46.6	31.5
80°	18.3	19.1	26.8	35.8	51.5	51.8	49.6	43.8	34.7	22.4	16.1
82.5°	7.2	7.7	11.6	14.4	14.7	15.3	14.3	12.9	10.9	7.2	5.1
85°	0.0	0.0	0.0	0.3	0.9	1.9	1.9	1.3	0.5	0.4	0.4
87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
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°	109.4	109.4	109.4	109.4	109.4	109.4	109.4	109.4	109.4	109.4	109.4
2.5°	109.3	109.2	108.2	107.2	106.4	105.7	105.0	104.2	104.2	104.5	104.4
5°	109.0	108.4	106.6	104.8	103.3	102.0	100.8	99.7	99.5	99.7	99.8
7.5°	109.2	108.0	105.3	102.5	100.1	98.3	96.6	95.8	95.7	95.7	95.7
10°	109.7	108.0	104.4	100.5	97.5	95.0	93.1	92.3	92.5	92.6	92.7
12.5°	110.6	108.2	103.7	98.7	95.0	92.5	90.6	89.9	90.5	91.1	91.3
15°	111.6	108.8	103.0	97.3	93.0	90.2	88.9	88.7	89.7	90.9	91.1
17.5°	112.6	109.2	102.2	95.4	90.9	88.6	87.9	88.3	89.8	91.7	92.1
20°	113.7	109.7	101.3	93.7	88.9	87.3	87.7	88.9	90.7	93.0	93.4
22.5°	114.8	110.1	100.1	91.5	86.7	86.2	87.7	89.7	91.5	94.1	94.6
25°	116.0	110.6	98.6	88.9	84.6	85.0	87.5	89.9	91.9	94.6	95.3
27.5°	117.8	111.4	97.1	86.5	82.2	83.5	86.9	89.8	91.9	94.5	95.3
30°	119.7	112.2	95.9	83.9	79.8	81.5	85.5	89.1	91.3	93.5	94.6
32.5°	121.8	113.3	94.9	81.4	77.1	79.3	83.7	87.7	90.2	92.2	93.3
35°	124.1	114.9	94.1	79.1	74.5	76.3	80.9	85.8	88.3	90.2	91.1
37.5°	127.0	116.6	93.5	76.9	71.7	73.3	77.9	83.1	86.1	87.5	88.7
40°	130.2	119.2	93.5	75.0	69.0	70.1	74.9	80.5	83.4	84.6	85.8
42.5°	133.4	121.7	93.4	73.1	66.2	67.0	71.8	77.5	80.3	81.3	82.2
45°	137.2	124.6	93.3	71.0	63.1	63.9	68.9	74.6	77.3	78.1	78.9
47.5°	141.2	127.6	92.7	68.3	60.3	61.0	65.9	71.3	73.9	74.9	75.7
50°	144.8	130.4	91.4	65.3	57.8	58.4	62.9	67.3	69.7	70.7	71.5
52.5°	148.0	132.4	89.3	61.8	55.0	55.8	59.1	63.0	64.9	65.7	66.2
55°	150.5	133.4	85.8	58.4	52.3	52.7	55.4	58.8	60.3	60.5	60.9
57.5°	152.3	133.3	81.1	54.6	49.6	49.8	51.6	54.7	55.8	55.6	55.9
60°	152.7	131.6	75.5	51.0	47.0	46.6	48.4	50.6	51.2	51.8	52.4
62.5°	151.1	127.4	69.1	47.4	44.3	43.6	45.0	46.8	47.9	48.2	48.4
65°	145.2	119.8	61.4	43.6	41.6	40.4	41.9	44.6	46.3	46.8	46.7
67°	134.9	109.2	54.7	40.8	39.0	37.9	40.0	42.8	44.0	44.8	44.8
67.5°	131.6	105.3	52.4	39.9	38.3	37.4	39.4	42.0	43.6	44.6	44.6
70°	111.7	86.3	44.3	35.2	34.4	34.6	37.0	39.9	41.9	42.8	42.8
72.5°	85.1	66.9	36.0	30.7	30.4	31.4	34.4	37.1	39.6	41.2	41.1
75°	48.3	38.6	26.3	25.1	26.2	28.0	31.9	34.8	37.1	38.7	38.6
77.5°	28.2	23.2	18.1	17.2	20.3	24.6	28.6	32.3	33.9	34.4	34.0
80°	14.3	12.1	11.3	11.7	13.6	18.3	25.0	29.4	30.6	31.0	30.6
82.5°	4.5	4.1	4.5	6.0	9.1	14.4	20.2	26.6	28.0	28.0	27.9
85°	0.3	0.3	0.3	2.7	6.3	10.7	15.7	23.2	26.3	26.0	25.6
87.5°	0.1	0.1	0.1	1.7	4.9	8.9	13.9	21.1	25.1	23.2	21.9
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)