

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: P1211776

Luminaire Tested: **GKO-PB1A-827-U-T4W**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211776
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1A-827-U-T4W
Description: GEKKO WALL PACK 750LM PACKAGE 80CRI 2700K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source: (10) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

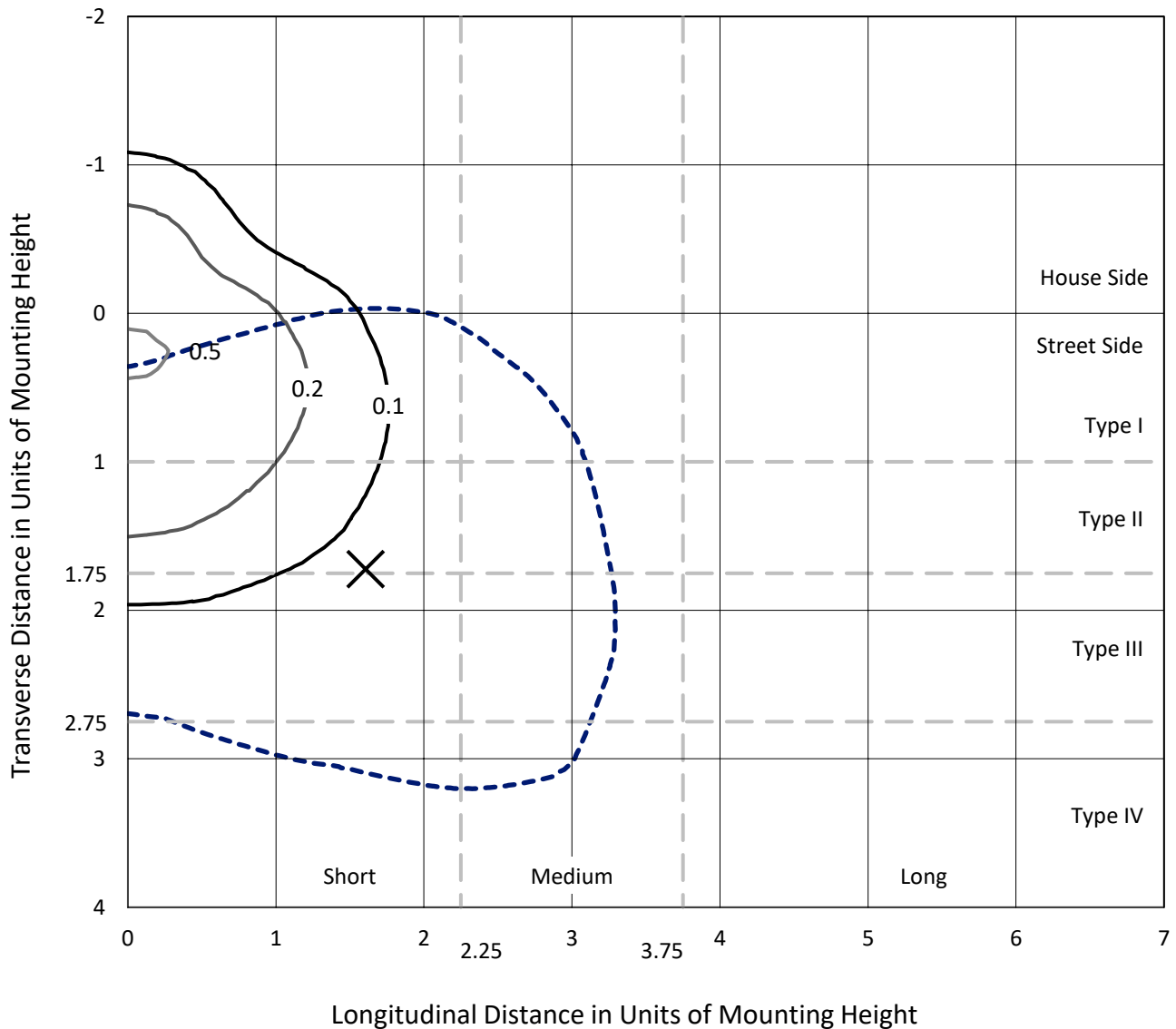
Lumens per Lamp: N/A
Luminaire Lumens: 631.7 lumens
Efficiency: N/A
Efficacy: 131.6 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G0

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

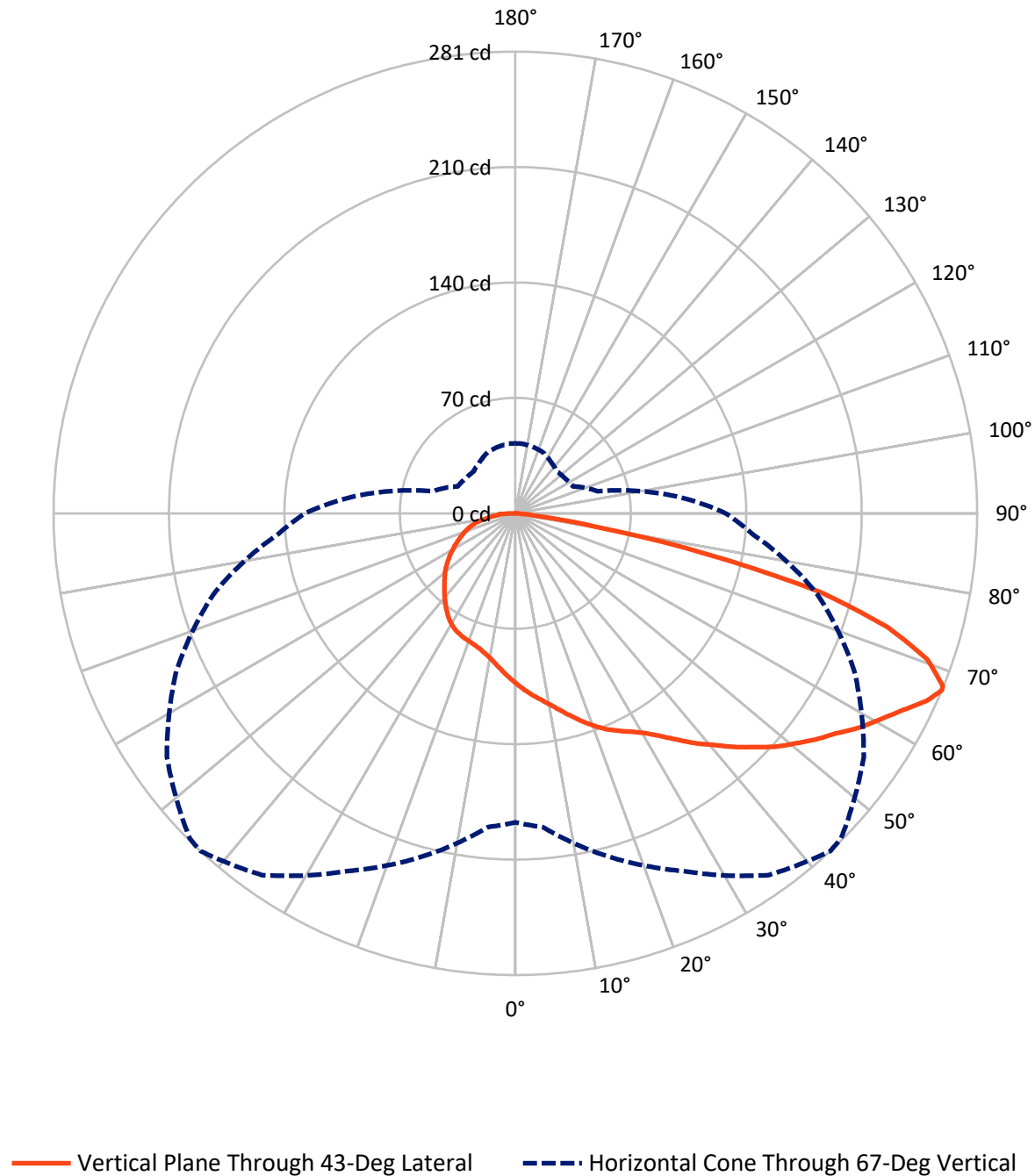
× Max cd
- - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 0.5 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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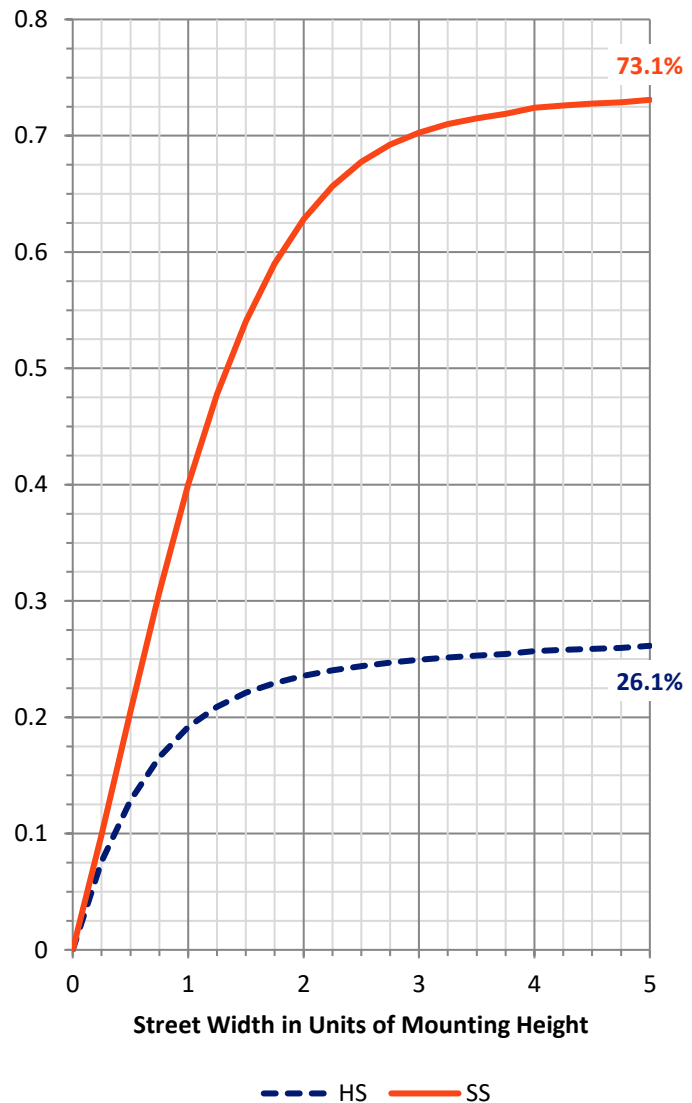
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	169.9	0.0	169.9
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	461.8	0.0	461.8
	% Fixture	73.1	0.0	73.1
Total	Lumens	631.7	0.0	631.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.9	1.6
10°-20°	30.5	4.8
20°-30°	52.7	8.3
30°-40°	78.3	12.4
40°-50°	106.3	16.8
50°-60°	130.5	20.7
60°-70°	137.5	21.8
70°-80°	75.9	12.0
80°-90°	10.0	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°	631.7	100.0
0°-180°	631.7	100.0

Coefficient of Utilization



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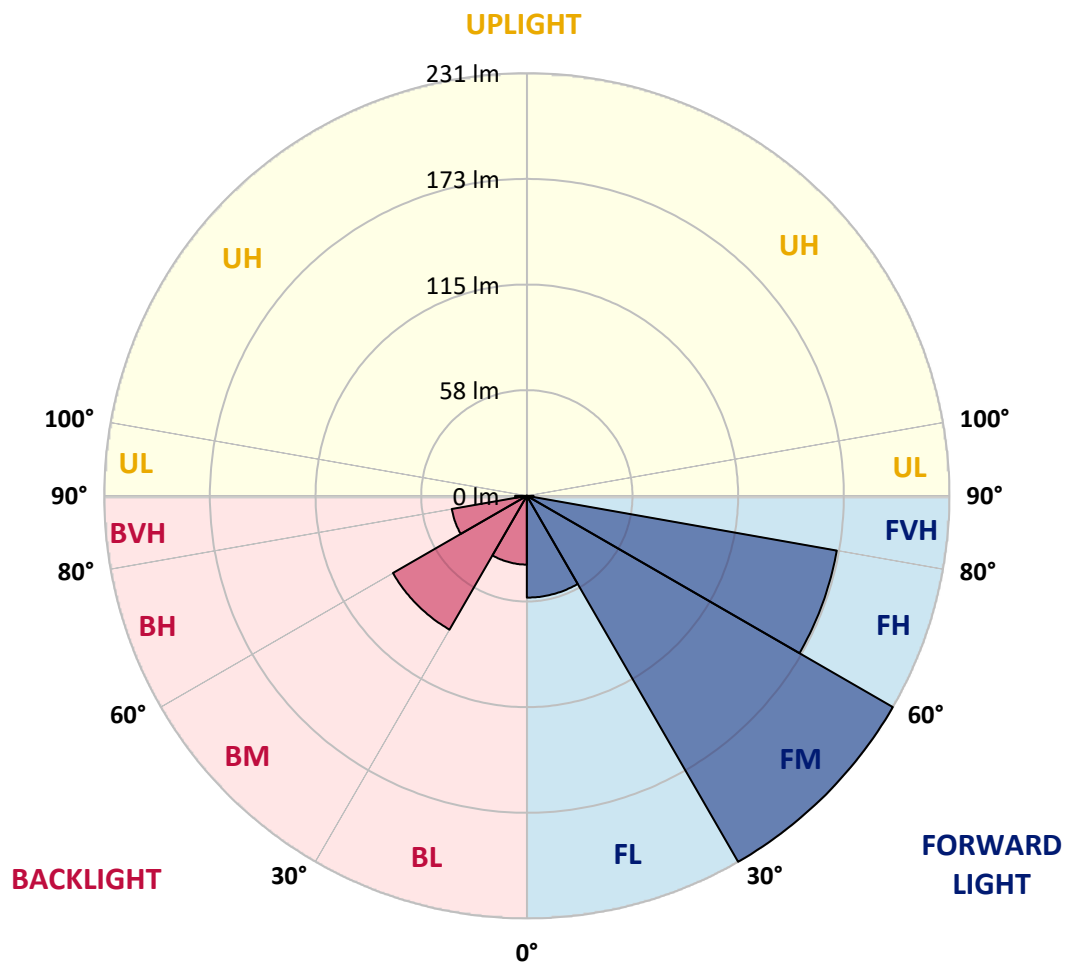
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	55.6	8.8			
FM	(30°-60°)	230.7	36.5			
FH	(60°-80°)	171.8	27.2			G0/660
FVH	(80°-90°)	3.7	0.6			G0/10
BL	(0°-30°)	37.5	5.9	B0/110		
BM	(30°-60°)	84.4	13.4	B0/220		
BH	(60°-80°)	41.6	6.6	B0/110		G0/110
BVH	(80°-90°)	6.3	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°	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7
2.5°	108.5	108.7	108.5	108.2	107.7	107.5	107.2	106.6	105.8	104.7	103.8
5°	113.3	113.3	112.9	112.7	111.9	111.1	110.8	109.2	107.6	105.7	103.9
7.5°	117.7	118.2	117.6	117.0	115.8	114.6	114.3	112.0	109.7	107.2	104.6
10°	123.3	123.7	122.8	122.3	120.1	118.5	118.0	115.2	112.1	109.0	105.6
12.5°	129.0	129.2	128.6	127.4	125.2	123.1	122.4	118.7	114.8	111.0	106.7
15°	133.9	134.1	133.9	132.6	130.5	128.0	126.9	122.9	118.1	113.2	108.1
17.5°	137.6	138.1	138.1	137.4	135.5	133.1	132.5	127.4	121.9	115.7	109.7
20°	140.7	141.0	141.5	141.1	140.1	138.1	137.2	132.4	125.7	118.6	111.4
22.5°	143.3	143.5	144.4	144.3	143.6	142.6	141.7	137.3	130.1	121.5	112.9
25°	147.7	147.6	148.1	147.7	146.9	146.5	146.0	142.1	134.5	124.9	114.9
27.5°	155.4	155.1	154.6	152.7	150.8	150.3	150.0	147.2	139.7	128.8	117.2
30°	166.8	167.0	164.6	160.3	156.5	155.0	154.5	152.6	145.5	133.4	119.7
32.5°	180.3	180.2	176.3	170.2	164.2	161.2	160.2	158.2	151.3	137.9	122.6
35°	190.0	189.8	187.8	182.3	176.1	168.9	167.0	163.9	157.5	143.1	125.6
37.5°	203.2	202.8	198.9	193.2	187.6	177.3	175.1	170.8	163.5	148.2	128.8
40°	218.2	215.8	209.4	203.6	196.0	185.0	183.2	177.6	170.3	154.4	132.6
42.5°	231.9	228.3	220.0	212.7	203.2	194.1	191.8	185.2	176.9	160.1	136.6
45°	252.4	243.8	231.8	227.5	211.0	202.7	200.8	192.7	184.1	166.3	140.5
47.5°	249.8	243.8	239.8	239.3	219.2	212.0	209.3	200.9	191.8	172.8	144.5
50°	254.8	250.0	250.2	244.0	226.7	220.0	218.0	209.5	199.6	179.3	148.8
52.5°	253.8	255.1	254.4	244.8	233.9	228.3	226.8	218.4	207.1	185.5	152.6
55°	261.8	261.1	259.4	250.0	241.9	236.2	234.9	227.6	214.7	190.8	155.9
57.5°	267.8	263.9	263.7	255.8	250.7	246.0	244.0	237.1	221.8	195.5	158.4
60°	264.1	259.4	262.9	256.7	256.2	254.4	253.3	245.4	228.1	199.0	159.4
62.5°	244.5	245.7	255.8	255.4	262.1	263.7	262.5	251.2	232.3	200.3	158.7
65°	218.6	222.0	237.6	250.8	269.1	274.7	273.5	255.4	231.9	197.4	153.6
67°	187.8	191.4	215.7	239.8	268.4	280.6	279.7	258.4	227.3	189.9	144.5
67.5°	180.9	185.1	209.4	234.8	266.1	280.1	279.4	258.7	225.8	186.4	141.0
70°	133.1	138.1	172.3	206.3	247.9	265.4	265.3	249.2	210.1	167.1	122.3
72.5°	82.9	87.4	122.9	161.0	214.8	236.3	235.4	217.1	180.9	136.4	96.5
75°	50.8	53.6	77.4	104.9	155.8	191.3	192.6	169.7	123.4	81.0	54.5
77.5°	31.1	34.1	48.8	64.7	95.2	119.0	119.2	94.1	63.3	44.1	29.8
80°	17.3	18.1	25.4	33.9	48.8	49.1	47.0	41.5	32.9	21.2	15.3
82.5°	6.8	7.3	11.0	13.7	13.9	14.5	13.5	12.3	10.4	6.8	4.8
85°	0.0	0.0	0.0	0.3	0.9	1.8	1.8	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°	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7
2.5°	103.6	103.4	102.5	101.5	100.8	100.1	99.5	98.7	98.7	99.0	98.9
5°	103.3	102.7	101.0	99.3	97.9	96.6	95.5	94.4	94.3	94.4	94.6
7.5°	103.4	102.3	99.8	97.1	94.8	93.2	91.5	90.8	90.7	90.7	90.7
10°	103.9	102.3	98.9	95.2	92.4	90.0	88.3	87.5	87.6	87.7	87.9
12.5°	104.8	102.5	98.2	93.6	90.0	87.6	85.9	85.2	85.7	86.4	86.5
15°	105.7	103.0	97.6	92.2	88.1	85.5	84.2	84.1	85.0	86.1	86.4
17.5°	106.7	103.4	96.9	90.4	86.1	84.0	83.3	83.7	85.1	86.9	87.2
20°	107.7	103.9	96.0	88.8	84.2	82.7	83.1	84.2	86.0	88.1	88.5
22.5°	108.7	104.3	94.8	86.7	82.2	81.7	83.1	85.0	86.7	89.1	89.6
25°	109.9	104.8	93.4	84.2	80.2	80.5	82.9	85.2	87.1	89.6	90.3
27.5°	111.6	105.6	92.0	81.9	77.9	79.1	82.3	85.1	87.1	89.5	90.3
30°	113.4	106.3	90.9	79.5	75.6	77.3	81.0	84.5	86.5	88.6	89.6
32.5°	115.4	107.3	89.9	77.1	73.1	75.1	79.3	83.1	85.5	87.4	88.4
35°	117.6	108.9	89.1	75.0	70.6	72.3	76.6	81.3	83.7	85.5	86.4
37.5°	120.4	110.5	88.6	72.8	67.9	69.4	73.8	78.8	81.6	82.9	84.1
40°	123.4	112.9	88.6	71.1	65.4	66.4	70.9	76.2	79.0	80.2	81.3
42.5°	126.4	115.3	88.5	69.3	62.7	63.5	68.0	73.5	76.1	77.0	77.9
45°	130.0	118.1	88.4	67.3	59.8	60.6	65.2	70.7	73.2	74.0	74.7
47.5°	133.8	120.9	87.9	64.7	57.1	57.8	62.5	67.5	70.0	70.9	71.7
50°	137.2	123.5	86.6	61.8	54.7	55.4	59.6	63.7	66.0	67.0	67.8
52.5°	140.2	125.4	84.6	58.5	52.1	52.9	56.0	59.7	61.4	62.2	62.7
55°	142.6	126.4	81.3	55.4	49.6	49.9	52.5	55.8	57.1	57.3	57.7
57.5°	144.3	126.3	76.9	51.7	47.0	47.2	48.9	51.8	52.9	52.7	53.0
60°	144.6	124.7	71.6	48.3	44.5	44.1	45.9	47.9	48.6	49.1	49.7
62.5°	143.1	120.7	65.5	44.9	42.0	41.3	42.6	44.4	45.4	45.6	45.9
65°	137.6	113.5	58.2	41.3	39.4	38.3	39.7	42.2	43.9	44.4	44.3
67°	127.8	103.4	51.8	38.7	36.9	35.9	37.9	40.6	41.7	42.5	42.5
67.5°	124.7	99.8	49.7	37.8	36.3	35.4	37.3	39.8	41.3	42.2	42.2
70°	105.8	81.8	42.0	33.4	32.6	32.7	35.0	37.8	39.7	40.6	40.6
72.5°	80.7	63.3	34.1	29.1	28.8	29.7	32.6	35.1	37.6	39.1	38.9
75°	45.8	36.5	24.9	23.8	24.8	26.6	30.2	33.0	35.1	36.7	36.5
77.5°	26.7	22.0	17.2	16.3	19.2	23.3	27.1	30.6	32.1	32.6	32.2
80°	13.5	11.5	10.7	11.1	12.9	17.3	23.6	27.8	29.0	29.3	29.0
82.5°	4.3	3.9	4.3	5.7	8.6	13.7	19.1	25.2	26.6	26.6	26.4
85°	0.3	0.3	0.3	2.5	5.9	10.1	14.9	22.0	24.9	24.7	24.3
87.5°	0.1	0.1	0.1	1.6	4.7	8.5	13.1	20.0	23.8	22.0	20.7
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)