

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: P1211786

Luminaire Tested: **GKO-PB1A-830-U-T4W**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211786
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-T4W
Description: GEKKO WALL PACK 750LM PACKAGE 80CRI 3000K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source: (10) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

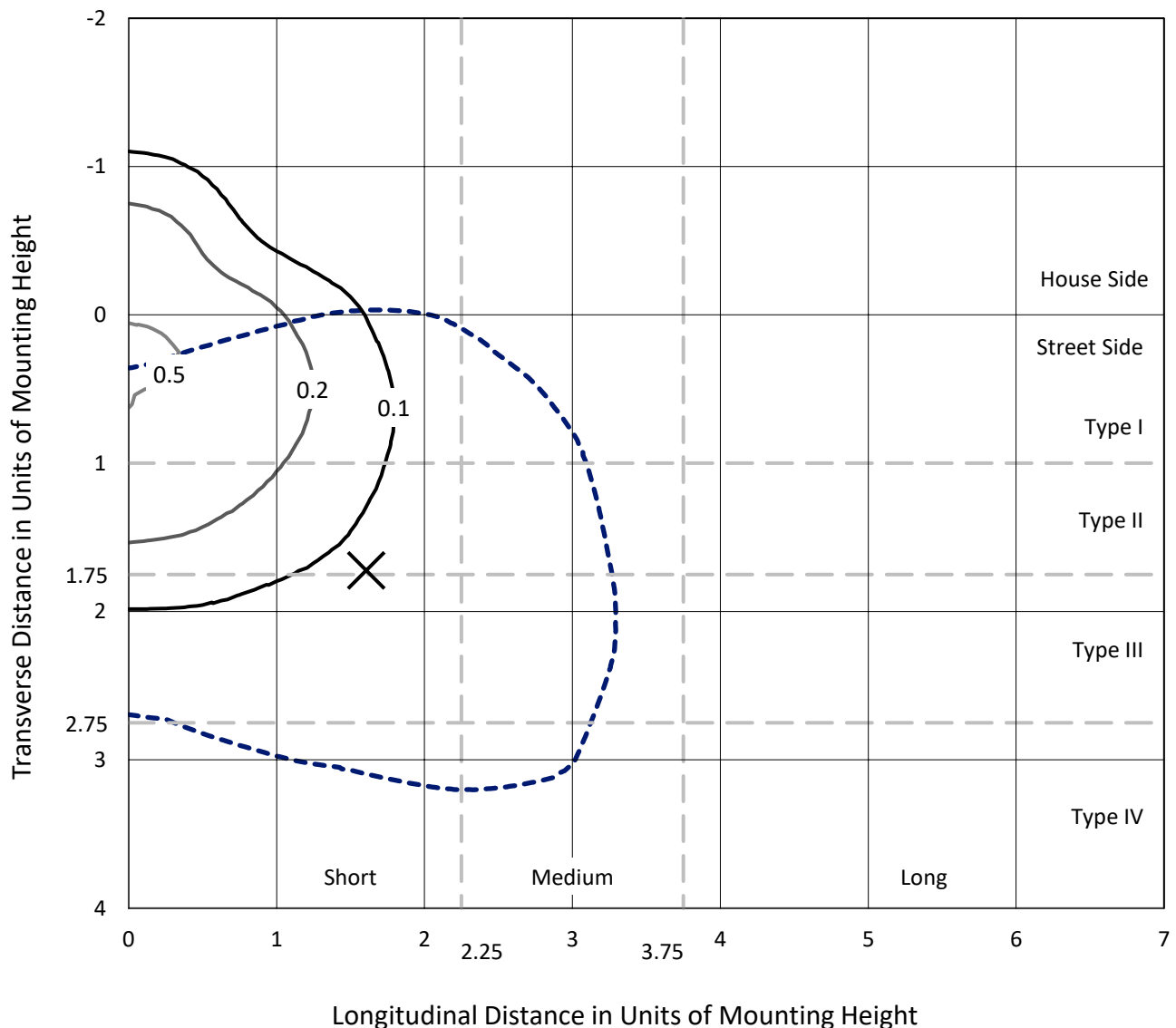
Lumens per Lamp: N/A
Luminaire Lumens: 656.3 lumens
Efficiency: N/A
Efficacy: 136.7 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G0

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

REPORT NUMBER: P1211786
 CATALOG NUMBER: GKO-PB1A-830-U-T4W

Iso-Footcandle Lines of Horizontal Illumination

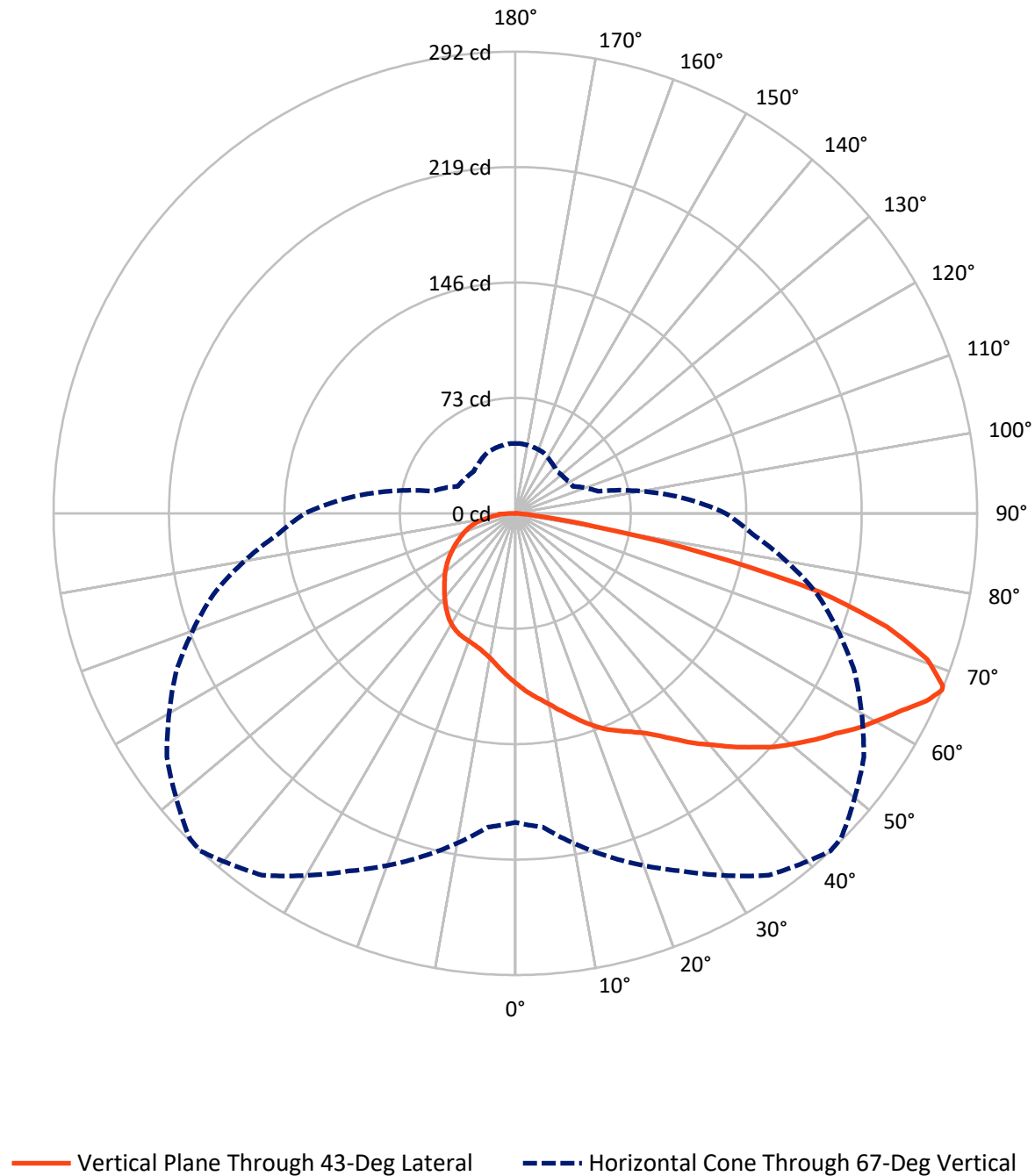
× Max cd
 - - - 1/2 Max cd



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

REPORT NUMBER: P1211786
CATALOG NUMBER: GKO-PB1A-830-U-T4W

Luminous Intensity Polar Plot



REPORT NUMBER: P1211786

CATALOG NUMBER: GKO-PB1A-830-U-T4W

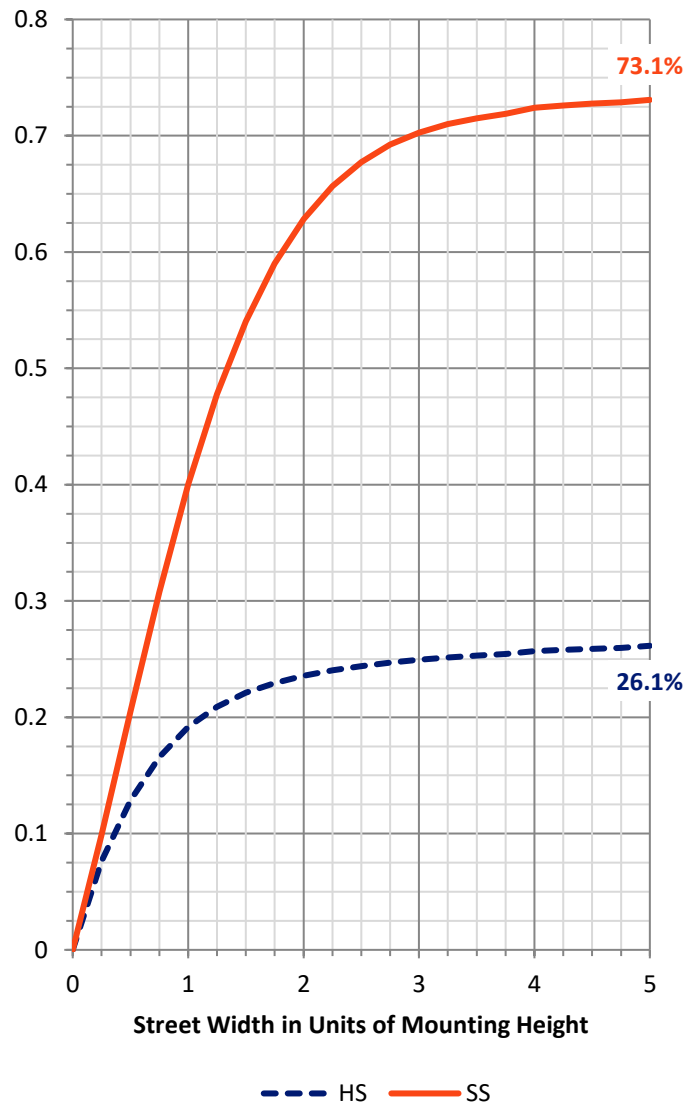
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	176.5	0.0	176.5
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	479.7	0.0	479.7
	% Fixture	73.1	0.0	73.1
Total	Lumens	656.3	0.0	656.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.3	1.6
10°-20°	31.6	4.8
20°-30°	54.8	8.3
30°-40°	81.3	12.4
40°-50°	110.5	16.8
50°-60°	135.6	20.7
60°-70°	142.9	21.8
70°-80°	78.9	12.0
80°-90°	10.4	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°	656.3	100.0
0°-180°	656.3	100.0



REPORT NUMBER: P1211786

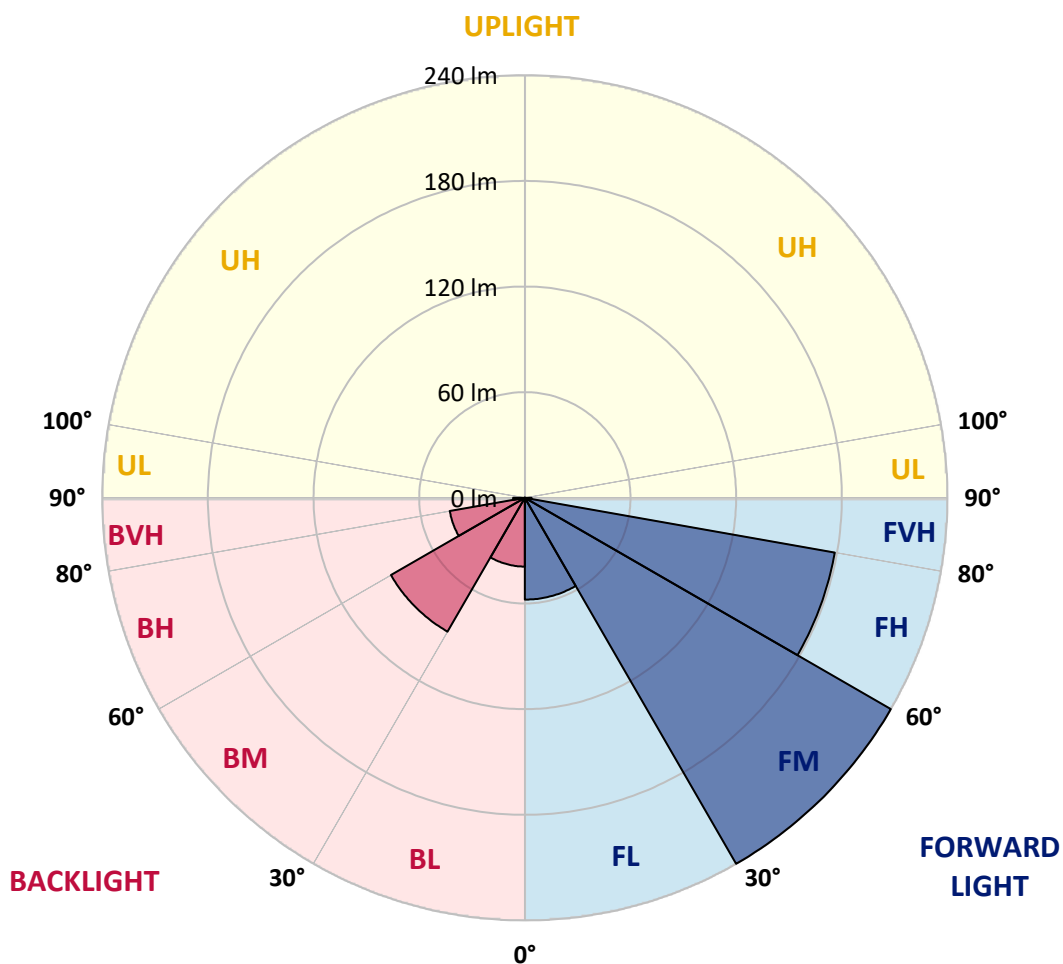
CATALOG NUMBER: GKO-PB1A-830-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	57.7	8.8			
FM	(30°-60°)	239.7	36.5			
FH	(60°-80°)	178.5	27.2			G0/660
FVH	(80°-90°)	3.8	0.6			G0/10
BL	(0°-30°)	39.0	5.9	B0/110		
BM	(30°-60°)	87.7	13.4	B0/220		
BH	(60°-80°)	43.3	6.6	B0/110		G0/110
BVH	(80°-90°)	6.6	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





REPORT NUMBER: P1211786

CATALOG NUMBER: GKO-PB1A-830-U-T4W

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	107.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7
2.5°	112.7	113.0	112.7	112.4	111.9	111.7	111.4	110.7	109.9	108.8	107.8
5°	117.7	117.7	117.3	117.0	116.3	115.5	115.1	113.5	111.8	109.8	108.0
7.5°	122.3	122.8	122.2	121.5	120.3	119.0	118.7	116.4	114.0	111.4	108.6
10°	128.1	128.5	127.5	127.0	124.8	123.1	122.6	119.7	116.5	113.2	109.7
12.5°	134.0	134.2	133.6	132.4	130.0	127.9	127.2	123.3	119.3	115.3	110.9
15°	139.1	139.4	139.1	137.8	135.6	132.9	131.9	127.7	122.7	117.6	112.3
17.5°	142.9	143.4	143.4	142.8	140.8	138.3	137.7	132.4	126.6	120.2	114.0
20°	146.2	146.5	147.0	146.6	145.5	143.4	142.5	137.5	130.6	123.2	115.7
22.5°	148.8	149.1	150.0	149.9	149.2	148.2	147.3	142.7	135.2	126.2	117.3
25°	153.4	153.3	153.8	153.4	152.6	152.2	151.7	147.6	139.8	129.8	119.4
27.5°	161.4	161.2	160.6	158.7	156.7	156.2	155.8	152.9	145.1	133.9	121.8
30°	173.3	173.5	171.0	166.6	162.6	161.0	160.5	158.5	151.2	138.6	124.4
32.5°	187.3	187.2	183.1	176.8	170.6	167.5	166.4	164.3	157.2	143.3	127.4
35°	197.4	197.2	195.1	189.4	183.0	175.5	173.5	170.2	163.7	148.7	130.4
37.5°	211.1	210.7	206.6	200.7	194.9	184.2	181.9	177.5	169.8	153.9	133.9
40°	226.7	224.2	217.5	211.5	203.6	192.2	190.3	184.6	176.9	160.4	137.8
42.5°	240.9	237.2	228.6	220.9	211.1	201.6	199.3	192.4	183.8	166.3	141.9
45°	262.2	253.3	240.8	236.3	219.2	210.6	208.6	200.2	191.3	172.7	145.9
47.5°	259.6	253.3	249.2	248.7	227.8	220.3	217.4	208.7	199.3	179.6	150.1
50°	264.7	259.7	260.0	253.5	235.5	228.6	226.5	217.7	207.4	186.3	154.6
52.5°	263.6	265.1	264.3	254.3	243.0	237.2	235.7	226.9	215.2	192.7	158.5
55°	272.0	271.3	269.5	259.7	251.3	245.4	244.1	236.4	223.0	198.2	162.0
57.5°	278.2	274.1	274.0	265.7	260.5	255.6	253.5	246.3	230.4	203.1	164.6
60°	274.4	269.5	273.1	266.7	266.1	264.3	263.1	255.0	237.0	206.8	165.6
62.5°	254.0	255.2	265.7	265.3	272.3	274.0	272.7	261.0	241.3	208.1	164.9
65°	227.1	230.7	246.8	260.6	279.5	285.4	284.1	265.3	240.9	205.0	159.6
67°	195.1	198.9	224.1	249.2	278.9	291.5	290.6	268.5	236.2	197.3	150.1
67.5°	188.0	192.3	217.5	243.9	276.5	291.0	290.3	268.8	234.6	193.6	146.5
70°	138.3	143.4	179.0	214.4	257.6	275.7	275.6	258.9	218.3	173.7	127.0
72.5°	86.2	90.8	127.7	167.2	223.2	245.5	244.6	225.5	188.0	141.7	100.2
75°	52.8	55.7	80.4	109.0	161.8	198.7	200.1	176.3	128.2	84.2	56.6
77.5°	32.3	35.5	50.7	67.3	98.9	123.6	123.9	97.7	65.8	45.8	31.0
80°	18.0	18.8	26.4	35.2	50.7	51.0	48.9	43.1	34.2	22.1	15.9
82.5°	7.1	7.6	11.4	14.2	14.4	15.1	14.1	12.7	10.8	7.1	5.0
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



REPORT NUMBER: P1211786

CATALOG NUMBER: GKO-PB1A-830-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	107.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7
2.5°	107.6	107.4	106.5	105.5	104.7	104.0	103.4	102.6	102.6	102.9	102.7
5°	107.3	106.7	105.0	103.1	101.7	100.4	99.2	98.1	98.0	98.1	98.3
7.5°	107.4	106.3	103.6	100.9	98.5	96.8	95.1	94.3	94.2	94.2	94.2
10°	108.0	106.3	102.7	98.9	96.0	93.5	91.7	90.9	91.0	91.2	91.3
12.5°	108.9	106.5	102.1	97.2	93.5	91.0	89.2	88.5	89.1	89.7	89.8
15°	109.8	107.1	101.4	95.8	91.6	88.8	87.5	87.4	88.3	89.5	89.7
17.5°	110.9	107.4	100.6	93.9	89.5	87.2	86.6	87.0	88.4	90.2	90.6
20°	111.9	108.0	99.7	92.2	87.5	85.9	86.3	87.5	89.3	91.6	91.9
22.5°	113.0	108.4	98.5	90.1	85.4	84.9	86.3	88.3	90.1	92.6	93.1
25°	114.1	108.9	97.1	87.5	83.3	83.7	86.2	88.5	90.5	93.1	93.8
27.5°	116.0	109.7	95.6	85.1	80.9	82.2	85.5	88.4	90.5	93.0	93.8
30°	117.8	110.5	94.4	82.6	78.6	80.3	84.2	87.7	89.8	92.1	93.1
32.5°	119.9	111.5	93.4	80.1	75.9	78.0	82.4	86.3	88.8	90.8	91.8
35°	122.2	113.1	92.6	77.9	73.3	75.1	79.6	84.5	87.0	88.8	89.7
37.5°	125.1	114.8	92.1	75.7	70.5	72.1	76.7	81.8	84.7	86.2	87.4
40°	128.2	117.3	92.1	73.8	67.9	69.0	73.7	79.2	82.1	83.3	84.5
42.5°	131.4	119.8	91.9	72.0	65.2	65.9	70.7	76.3	79.1	80.0	80.9
45°	135.0	122.7	91.8	69.9	62.1	62.9	67.8	73.4	76.1	76.8	77.6
47.5°	139.0	125.6	91.3	67.3	59.4	60.0	64.9	70.1	72.8	73.7	74.5
50°	142.5	128.3	90.0	64.2	56.9	57.5	61.9	66.2	68.6	69.6	70.4
52.5°	145.7	130.3	87.9	60.8	54.1	54.9	58.2	62.0	63.8	64.6	65.2
55°	148.2	131.4	84.5	57.5	51.5	51.9	54.5	57.9	59.4	59.5	59.9
57.5°	149.9	131.2	79.9	53.7	48.9	49.0	50.8	53.9	54.9	54.8	55.0
60°	150.3	129.5	74.3	50.2	46.2	45.8	47.7	49.8	50.4	51.0	51.6
62.5°	148.7	125.4	68.0	46.6	43.6	43.0	44.3	46.1	47.2	47.4	47.7
65°	142.9	118.0	60.4	43.0	41.0	39.8	41.2	43.9	45.6	46.1	46.0
67°	132.8	107.4	53.9	40.2	38.4	37.3	39.4	42.2	43.3	44.1	44.1
67.5°	129.5	103.6	51.6	39.3	37.7	36.8	38.8	41.4	43.0	43.9	43.9
70°	109.9	85.0	43.6	34.7	33.9	34.0	36.4	39.3	41.2	42.2	42.2
72.5°	83.8	65.8	35.5	30.2	29.9	30.9	33.9	36.5	39.0	40.6	40.5
75°	47.6	38.0	25.9	24.7	25.7	27.6	31.4	34.3	36.5	38.1	38.0
77.5°	27.7	22.9	17.9	16.9	20.0	24.2	28.1	31.8	33.4	33.9	33.5
80°	14.1	12.0	11.2	11.6	13.4	18.0	24.6	28.9	30.1	30.5	30.1
82.5°	4.5	4.1	4.5	5.9	8.9	14.2	19.8	26.1	27.6	27.6	27.5
85°	0.3	0.3	0.3	2.6	6.2	10.5	15.5	22.9	25.9	25.6	25.2
87.5°	0.1	0.1	0.1	1.7	4.9	8.8	13.7	20.8	24.7	22.9	21.5
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)