

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: P1211956

Luminaire Tested: **GKO-PB1A-827-U-T2U**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211956
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-T2U
Description: GEKKO WALL PACK 750LM PACKAGE 80CRI 2700K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (10) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

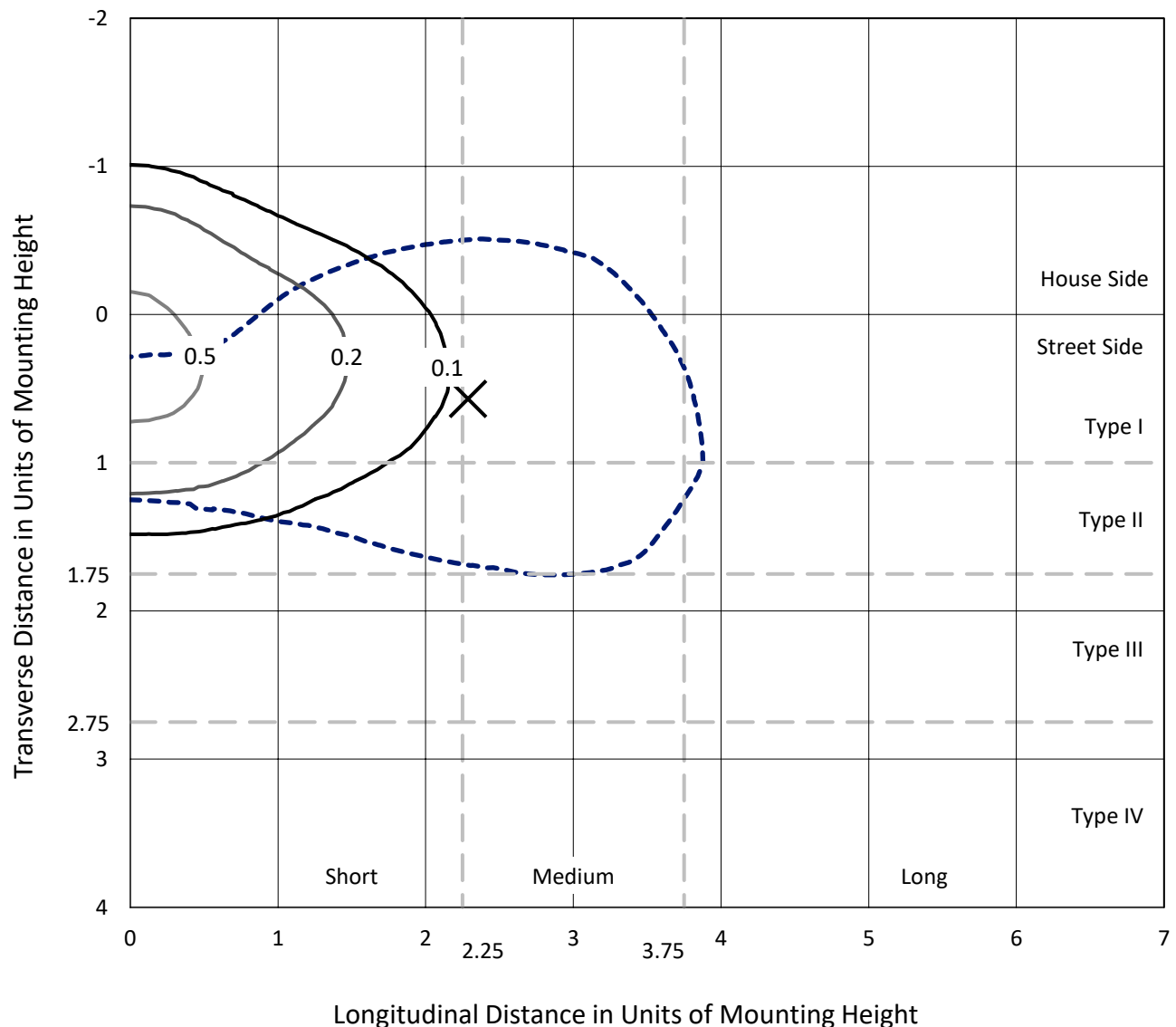
Lumens per Lamp: N/A
Luminaire Lumens: 653.8 lumens
Efficiency: N/A
Efficacy: 136.2 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B0 - U0 - G0

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

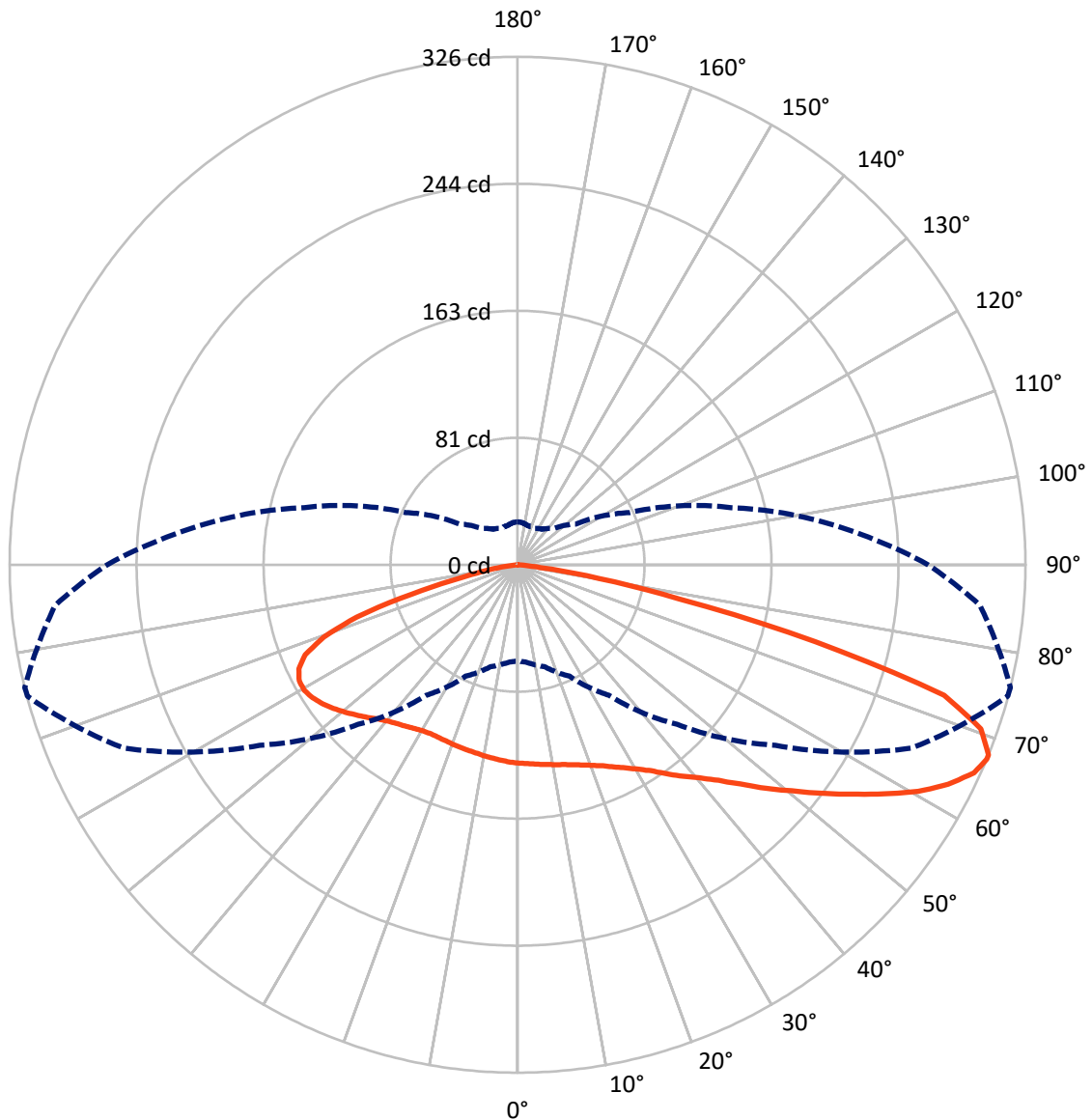
✕ Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



— Vertical Plane Through 76-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

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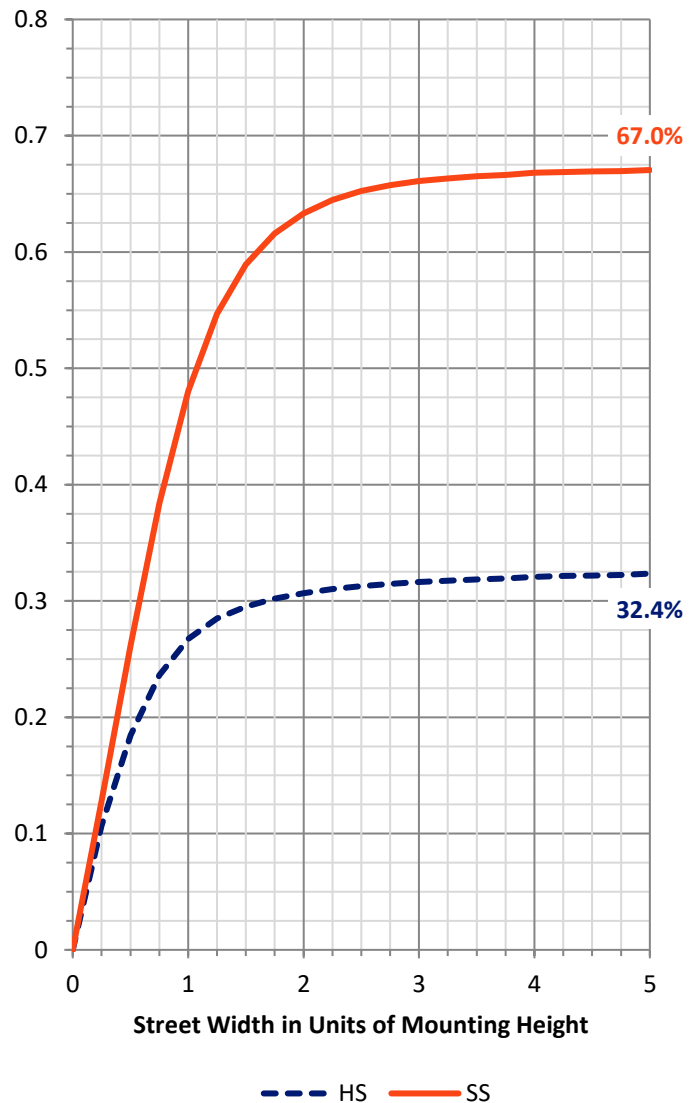
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	215.7	0.0	215.7
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	438.1	0.0	438.1
	% Fixture	67.0	0.0	67.0
Total	Lumens	653.8	0.0	653.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.2	1.9
10°-20°	37.4	5.7
20°-30°	64.3	9.8
30°-40°	92.4	14.1
40°-50°	117.2	17.9
50°-60°	128.7	19.7
60°-70°	124.8	19.1
70°-80°	68.9	10.5
80°-90°	8.0	1.2
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°	653.8	100.0
0°-180°	653.8	100.0

Coefficient of Utilization



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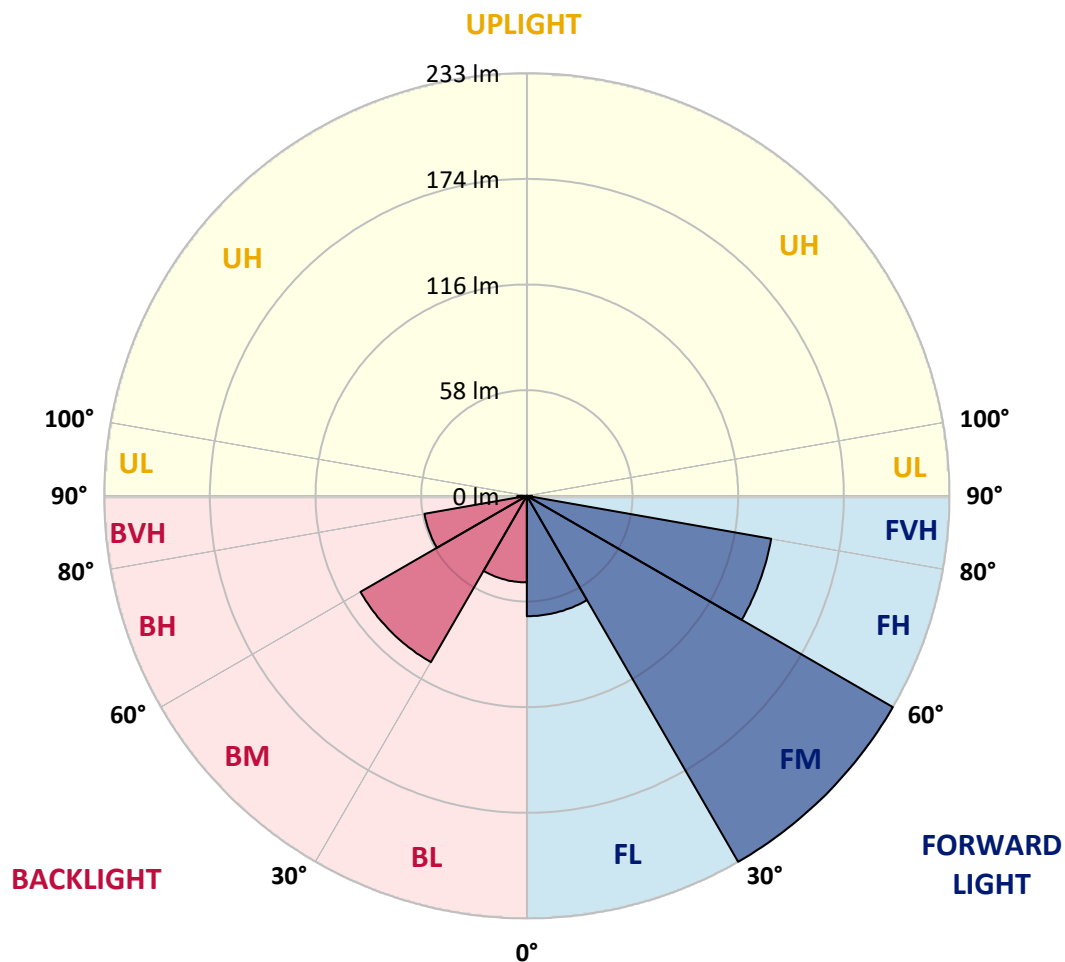
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	66.2	10.1			
FM	(30°-60°)	232.5	35.6			
FH	(60°-80°)	136.5	20.9			G0/660
FVH	(80°-90°)	2.8	0.4			G0/10
BL	(0°-30°)	47.7	7.3	B0/110		
BM	(30°-60°)	105.7	16.2	B0/220		
BH	(60°-80°)	57.2	8.7	B0/110		G0/110
BVH	(80°-90°)	5.2	0.8			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 II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1
2.5°	130.9	130.8	130.6	130.6	130.1	129.6	129.1	128.7	127.7	127.6	127.1
5°	134.8	134.8	134.4	134.3	133.5	132.3	131.1	130.0	128.6	128.4	127.2
7.5°	139.9	139.9	139.2	138.7	137.6	135.6	133.5	131.5	129.5	129.2	127.5
10°	146.3	146.3	145.8	144.7	142.3	139.6	136.3	133.2	130.5	130.3	127.7
12.5°	153.0	153.1	152.4	150.7	147.8	143.8	139.7	135.2	131.8	131.4	128.2
15°	159.8	160.0	159.5	157.7	153.8	148.8	143.4	138.0	133.4	133.0	129.0
17.5°	166.5	166.8	166.3	164.3	159.7	154.4	147.7	140.9	135.4	134.9	130.3
20°	172.9	172.9	172.9	170.6	166.2	160.1	152.4	144.4	137.7	137.2	131.8
22.5°	178.6	178.8	179.2	177.9	172.9	166.2	157.8	148.3	140.6	140.0	133.7
25°	184.2	184.4	185.4	184.5	179.6	172.6	163.6	153.3	144.2	143.5	135.9
27.5°	190.8	191.2	191.8	191.5	185.9	179.1	170.1	158.7	148.1	147.4	138.7
30°	198.5	198.5	198.9	198.3	192.7	185.9	176.5	164.4	153.0	152.0	142.1
32.5°	204.9	205.5	205.2	205.0	199.2	192.3	183.1	170.7	158.7	157.4	146.8
35°	210.8	210.9	210.8	211.1	205.2	198.8	190.1	178.1	165.0	164.5	152.8
37.5°	214.2	214.5	215.1	215.9	210.7	204.6	197.0	186.1	172.9	172.0	159.8
40°	215.9	216.2	219.7	220.8	215.2	210.2	204.4	193.5	180.5	179.4	166.9
42.5°	218.4	221.4	223.2	223.4	218.6	214.2	210.7	201.8	189.8	188.9	176.4
45°	210.0	208.9	213.6	219.0	218.8	216.9	216.7	211.2	201.3	200.4	187.2
47.5°	199.5	198.7	201.2	209.2	214.9	218.0	222.7	222.2	215.2	214.0	199.7
50°	174.5	176.0	188.4	199.3	209.2	218.4	227.7	233.7	228.8	227.7	213.0
52.5°	151.1	152.1	160.6	186.5	201.8	217.3	232.2	245.8	244.6	243.4	227.5
55°	134.7	135.7	149.2	165.8	191.0	211.4	235.1	257.3	260.6	259.5	242.9
57.5°	117.5	119.1	128.4	142.9	176.4	201.8	236.1	269.0	278.1	277.1	257.7
60°	100.9	103.2	108.6	124.4	158.5	190.4	233.4	278.3	294.9	294.9	273.0
62.5°	85.6	86.9	92.6	106.9	135.7	175.9	226.7	284.3	310.3	309.7	286.4
65°	73.0	73.6	78.2	90.4	116.6	159.8	215.1	283.9	321.3	321.5	295.3
67°	61.6	62.6	67.7	78.8	102.1	144.7	201.7	278.2	325.2	325.5	297.4
67.5°	57.7	58.8	64.4	75.9	99.0	140.5	198.5	275.8	325.0	325.5	296.8
70°	39.7	40.0	49.3	62.5	81.4	118.4	176.7	259.1	315.4	315.0	283.0
72.5°	25.3	24.9	33.9	45.7	65.5	95.9	149.1	229.9	286.2	285.8	249.5
75°	16.8	17.2	22.9	32.6	46.0	74.1	116.2	173.5	198.8	197.3	164.6
77.5°	12.0	11.8	14.2	23.5	30.9	45.0	63.1	92.3	105.6	105.6	90.4
80°	6.6	6.7	7.7	13.0	17.5	17.6	23.6	46.3	51.6	52.7	43.9
82.5°	1.9	2.0	2.8	4.4	4.8	5.3	8.2	13.3	13.9	14.7	11.9
85°	0.0	0.0	0.0	0.1	0.5	0.6	0.6	0.8	1.3	1.3	1.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.5	0.6
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°	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1	127.1
2.5°	127.0	127.1	126.6	126.0	125.4	125.2	124.4	123.8	124.2	124.6	124.6
5°	126.8	126.7	125.7	124.6	123.8	123.3	122.0	121.1	121.3	121.7	121.5
7.5°	126.8	126.3	124.9	123.3	122.0	121.0	119.4	118.4	118.2	118.5	118.2
10°	127.0	126.1	124.2	121.9	120.1	118.6	116.6	115.5	115.1	115.2	114.9
12.5°	127.2	125.8	123.4	120.5	118.2	116.2	113.9	112.5	112.3	112.5	112.5
15°	127.6	125.8	122.8	119.2	116.2	113.9	111.7	110.4	110.4	110.5	110.5
17.5°	128.4	126.2	122.3	117.9	114.2	111.7	109.6	108.8	108.9	109.3	109.3
20°	129.1	126.7	121.8	116.5	112.4	109.5	107.9	107.2	107.7	108.2	108.2
22.5°	130.3	127.3	121.3	115.2	110.4	107.5	106.1	105.6	106.1	106.7	106.5
25°	132.0	128.5	120.9	114.1	108.5	105.3	103.9	103.4	103.7	104.2	104.2
27.5°	134.0	129.9	120.8	112.7	106.2	102.8	101.2	100.4	100.4	100.5	100.7
30°	137.5	132.3	121.3	111.7	104.2	100.2	98.0	96.9	96.7	97.2	97.2
32.5°	141.5	135.6	122.5	110.8	102.2	97.0	94.1	93.2	92.9	93.3	92.9
35°	146.1	139.2	124.2	110.7	100.2	93.6	90.3	89.3	88.5	88.3	88.0
37.5°	152.5	144.3	125.8	110.0	98.1	89.9	86.4	84.2	83.3	83.1	83.1
40°	158.8	149.2	127.8	109.0	95.7	86.2	81.2	78.8	78.4	78.4	78.4
42.5°	166.8	155.7	130.6	108.4	92.8	82.6	75.6	72.8	72.8	72.8	72.7
45°	176.7	164.1	134.2	108.1	90.0	78.2	69.7	66.0	65.9	65.8	65.6
47.5°	188.2	173.0	137.6	107.5	86.7	72.8	62.8	58.8	57.9	57.7	57.3
50°	200.1	182.6	141.3	106.6	82.8	66.6	56.4	51.7	49.8	49.2	49.4
52.5°	212.7	192.0	144.8	105.3	78.2	60.4	49.8	44.9	43.0	42.2	42.1
55°	225.1	201.4	148.1	103.7	73.1	54.1	44.3	39.5	37.8	37.6	37.6
57.5°	237.6	210.6	150.6	101.3	67.5	48.6	39.5	35.5	34.4	34.9	34.9
60°	249.0	218.5	151.9	98.0	62.0	43.5	35.7	32.8	32.2	33.5	33.4
62.5°	259.2	223.8	151.2	93.2	56.5	39.2	32.8	30.6	30.7	32.2	32.4
65°	264.2	224.7	147.6	86.6	50.5	35.5	29.7	27.7	27.9	29.6	30.0
67°	263.0	221.3	141.5	79.2	45.5	32.8	27.8	25.8	25.9	27.3	27.4
67.5°	261.8	219.7	139.9	76.9	44.3	32.2	27.3	25.4	25.7	26.9	26.9
70°	244.9	203.0	124.7	65.3	38.3	28.7	24.9	23.6	23.9	24.7	24.7
72.5°	214.1	175.8	100.9	52.4	32.5	25.4	22.5	21.8	21.8	21.8	21.1
75°	136.6	110.1	66.0	40.1	26.8	21.8	20.2	19.3	18.8	19.6	19.3
77.5°	75.5	57.5	34.4	23.0	19.3	18.1	17.6	17.2	17.1	18.8	18.3
80°	35.8	28.5	19.3	13.2	11.1	13.4	15.2	14.9	17.8	24.4	24.5
82.5°	11.4	9.4	7.8	7.2	7.5	9.6	11.8	13.5	23.1	26.2	25.8
85°	1.4	1.3	0.9	2.9	4.9	7.1	9.1	17.6	21.2	17.7	16.7
87.5°	0.5	0.5	0.5	2.0	3.8	5.4	8.2	17.7	13.0	11.9	10.9
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)