

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: P1211946

Luminaire Tested: **GKO-PB1A-735-U-T2U**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211946
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1A-735-U-T2U
Description: GEKKO WALL PACK 750LM PACKAGE 70CRI 3500K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

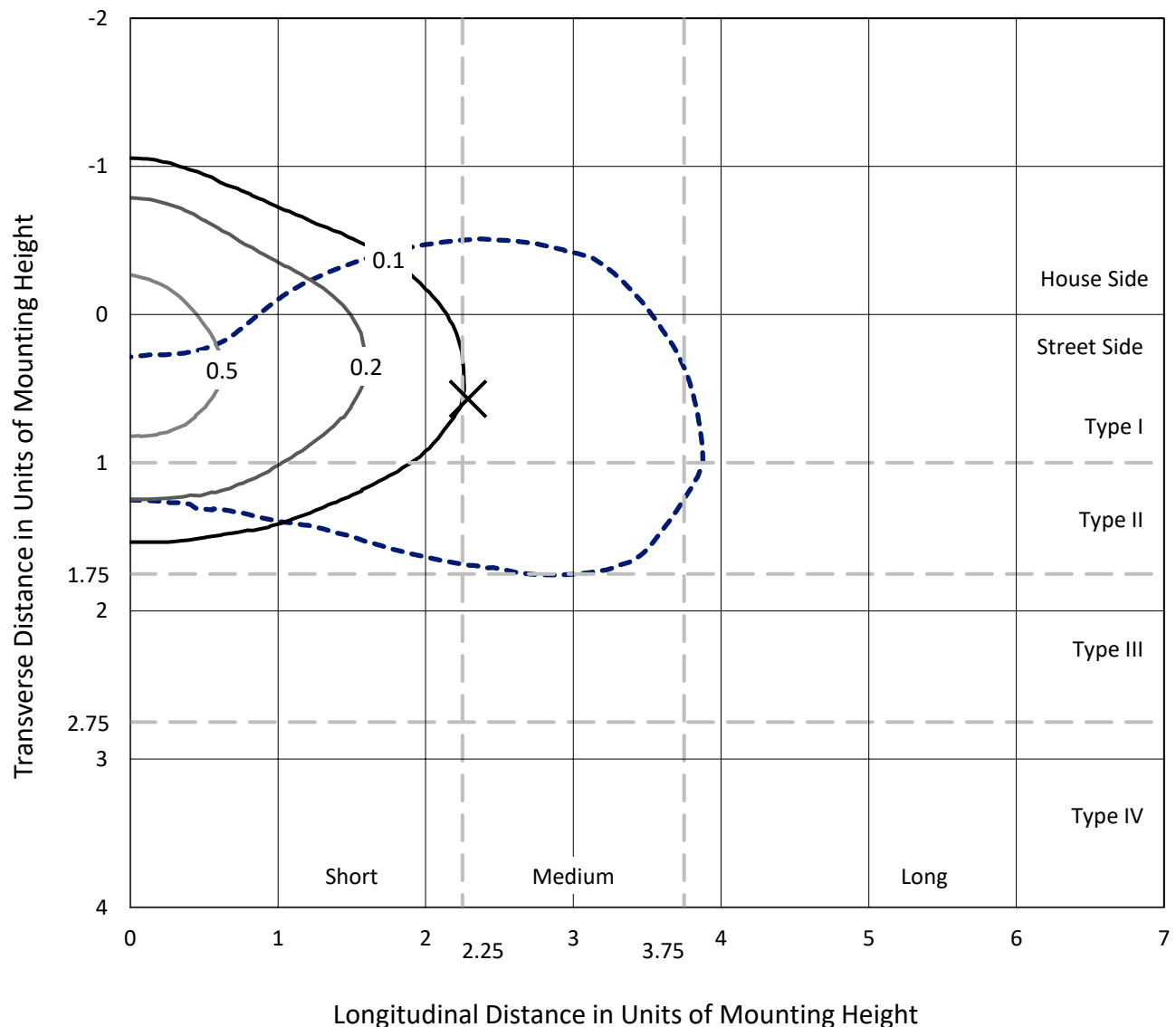
Lumens per Lamp: N/A
Luminaire Lumens: 737.9 lumens
Efficiency: N/A
Efficacy: 153.7 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B0 - U0 - G0

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

REPORT NUMBER: P1211946
 CATALOG NUMBER: GKO-PB1A-735-U-T2U

Iso-Footcandle Lines of Horizontal Illumination

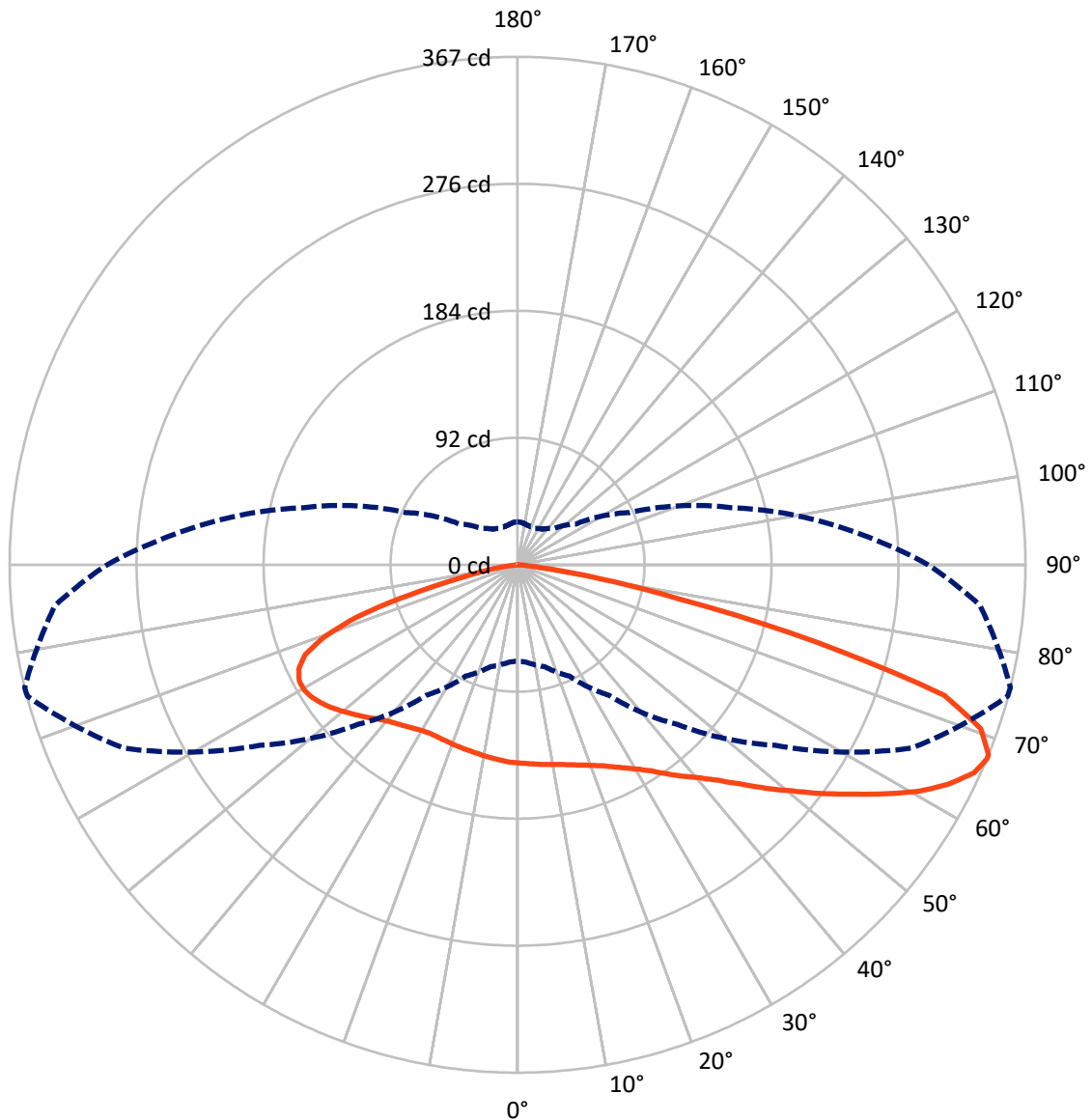
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 0.7 fc
 Type II - Medium - N/A

REPORT NUMBER: P1211946
CATALOG NUMBER: GKO-PB1A-735-U-T2U

Luminous Intensity Polar Plot



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

REPORT NUMBER: P1211946

CATALOG NUMBER: GKO-PB1A-735-U-T2U

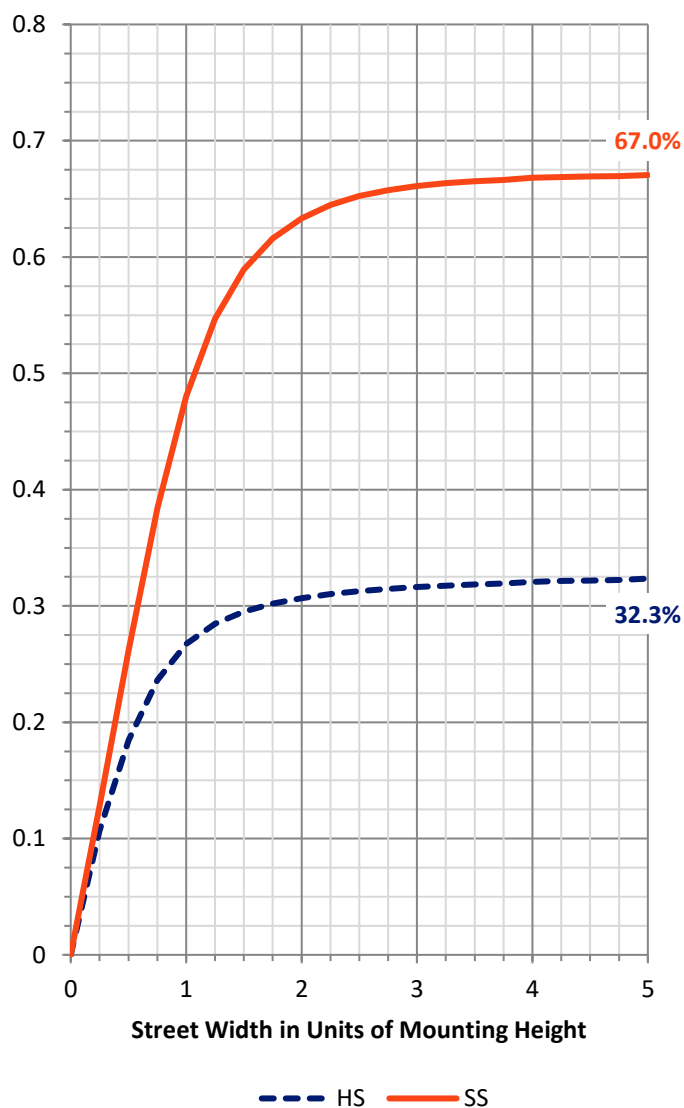
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	243.4	0.0	243.4
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	494.5	0.0	494.5
	% Fixture	67.0	0.0	67.0
Total	Lumens	737.9	0.0	737.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.8	1.9
10°-20°	42.2	5.7
20°-30°	72.6	9.8
30°-40°	104.3	14.1
40°-50°	132.3	17.9
50°-60°	145.2	19.7
60°-70°	140.8	19.1
70°-80°	77.8	10.5
80°-90°	9.0	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°	737.9	100.0
0°-180°	737.9	100.0

Coefficient of Utilization



REPORT NUMBER: P1211946

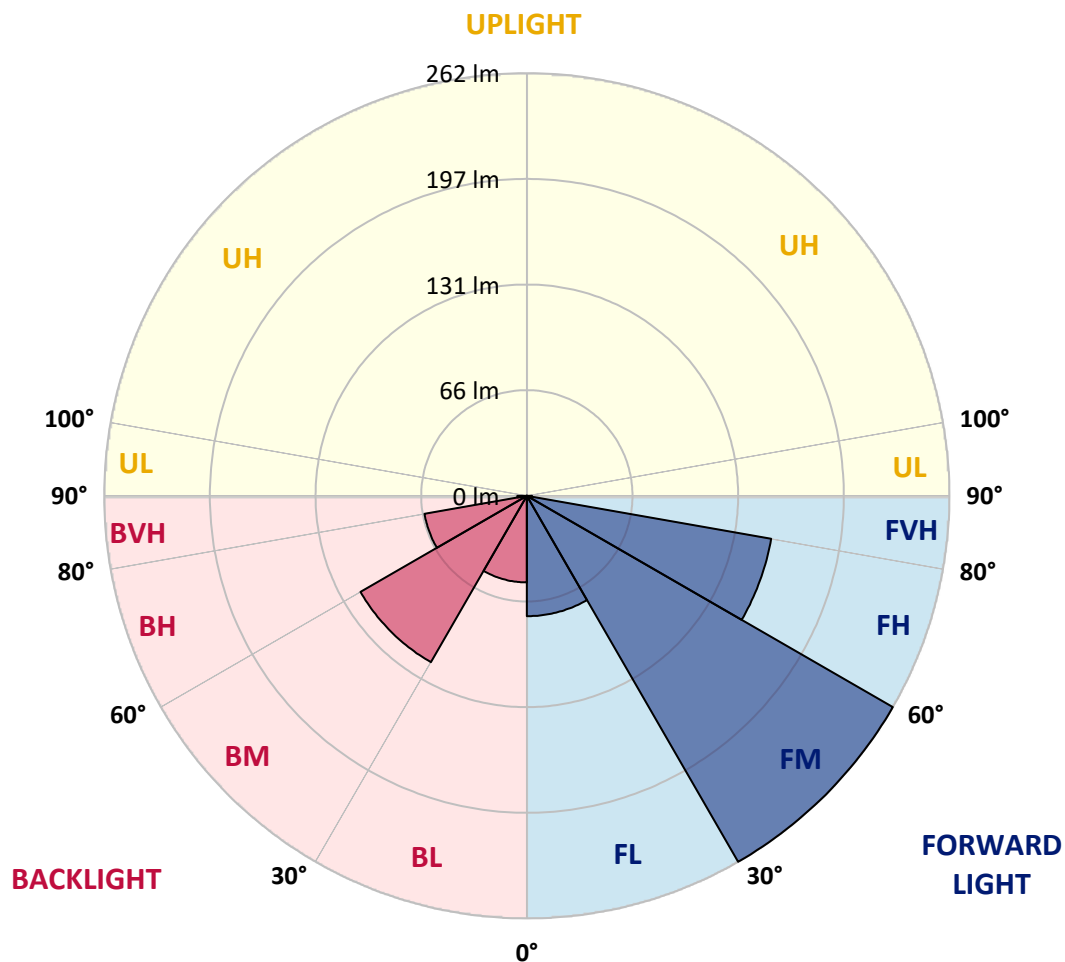
CATALOG NUMBER: GKO-PB1A-735-U-T2U

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	74.8	10.1			
FM	(30°-60°)	262.5	35.6			
FH	(60°-80°)	154.1	20.9			G0/660
FVH	(80°-90°)	3.2	0.4			G0/10
BL	(0°-30°)	53.8	7.3	B0/110		
BM	(30°-60°)	119.3	16.2	B0/220		
BH	(60°-80°)	64.5	8.7	B0/110		G0/110
BVH	(80°-90°)	5.8	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



REPORT NUMBER: P1211946

CATALOG NUMBER: GKO-PB1A-735-U-T2U

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	143.4	143.4	143.4	143.4	143.4	143.4	143.4	143.4	143.4	143.4	143.4
2.5°	147.7	147.6	147.4	147.4	146.9	146.3	145.7	145.3	144.2	144.0	143.4
5°	152.2	152.2	151.7	151.6	150.7	149.3	148.0	146.7	145.2	144.9	143.6
7.5°	157.9	157.9	157.1	156.6	155.3	153.0	150.7	148.4	146.2	145.9	143.9
10°	165.1	165.1	164.6	163.3	160.6	157.6	153.9	150.3	147.3	147.0	144.2
12.5°	172.7	172.8	172.0	170.1	166.9	162.3	157.7	152.6	148.7	148.3	144.7
15°	180.4	180.6	180.0	178.0	173.6	168.0	161.9	155.7	150.6	150.2	145.6
17.5°	188.0	188.3	187.7	185.4	180.3	174.3	166.7	159.0	152.9	152.3	147.0
20°	195.1	195.1	195.1	192.5	187.6	180.7	172.0	163.0	155.4	154.9	148.7
22.5°	201.5	201.8	202.3	200.8	195.1	187.6	178.1	167.4	158.7	158.0	150.9
25°	208.0	208.1	209.2	208.2	202.7	194.8	184.7	173.0	162.7	162.0	153.4
27.5°	215.4	215.8	216.5	216.1	209.8	202.1	192.0	179.1	167.1	166.4	156.6
30°	224.1	224.1	224.5	223.8	217.5	209.8	199.3	185.6	172.7	171.6	160.4
32.5°	231.2	231.9	231.7	231.4	224.8	217.1	206.7	192.7	179.1	177.7	165.7
35°	237.9	238.1	237.9	238.2	231.7	224.4	214.5	201.0	186.3	185.7	172.4
37.5°	241.8	242.1	242.8	243.6	237.8	230.9	222.4	210.1	195.1	194.1	180.4
40°	243.6	244.1	247.9	249.2	242.9	237.2	230.7	218.4	203.7	202.5	188.4
42.5°	246.5	249.9	251.9	252.2	246.8	241.8	237.8	227.8	214.2	213.2	199.1
45°	237.1	235.8	241.1	247.2	246.9	244.8	244.6	238.4	227.2	226.2	211.2
47.5°	225.2	224.2	227.1	236.1	242.5	246.1	251.4	250.8	242.9	241.5	225.4
50°	197.0	198.7	212.7	224.9	236.1	246.5	257.1	263.8	258.2	257.1	240.4
52.5°	170.6	171.7	181.3	210.5	227.8	245.2	262.1	277.5	276.0	274.8	256.8
55°	152.0	153.2	168.4	187.1	215.5	238.6	265.3	290.5	294.2	292.9	274.2
57.5°	132.6	134.5	144.9	161.3	199.1	227.8	266.5	303.6	313.9	312.7	290.9
60°	113.9	116.5	122.6	140.4	178.8	215.0	263.5	314.2	332.9	332.9	308.2
62.5°	96.6	98.1	104.5	120.6	153.2	198.5	255.9	320.9	350.3	349.6	323.3
65°	82.4	83.1	88.2	102.1	131.6	180.4	242.8	320.4	362.7	362.8	333.3
67°	69.5	70.7	76.4	88.9	115.2	163.3	227.7	314.0	367.1	367.4	335.7
67.5°	65.1	66.4	72.7	85.6	111.8	158.6	224.1	311.3	366.8	367.4	335.0
70°	44.8	45.1	55.7	70.5	91.9	133.6	199.4	292.5	356.0	355.5	319.4
72.5°	28.5	28.1	38.3	51.5	73.9	108.2	168.3	259.5	323.0	322.6	281.6
75°	19.0	19.4	25.8	36.8	52.0	83.6	131.2	195.8	224.4	222.7	185.8
77.5°	13.6	13.3	16.0	26.5	34.8	50.8	71.2	104.2	119.2	119.2	102.1
80°	7.4	7.6	8.7	14.7	19.7	19.8	26.7	52.2	58.2	59.5	49.5
82.5°	2.1	2.3	3.1	5.0	5.4	6.0	9.3	15.0	15.7	16.6	13.4
85°	0.0	0.0	0.0	0.1	0.6	0.7	0.7	0.9	1.4	1.4	1.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.6	0.6	0.7
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: P1211946

CATALOG NUMBER: GKO-PB1A-735-U-T2U

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	143.4	143.4	143.4	143.4	143.4	143.4	143.4	143.4	143.4	143.4	143.4
2.5°	143.3	143.4	142.9	142.2	141.6	141.3	140.4	139.7	140.2	140.6	140.6
5°	143.2	143.0	141.9	140.6	139.7	139.2	137.7	136.7	136.9	137.3	137.2
7.5°	143.2	142.6	141.0	139.2	137.7	136.6	134.7	133.6	133.5	133.7	133.5
10°	143.3	142.3	140.2	137.6	135.6	133.9	131.6	130.3	129.9	130.0	129.7
12.5°	143.6	142.0	139.3	136.0	133.5	131.2	128.6	127.0	126.7	127.0	127.0
15°	144.0	142.0	138.6	134.6	131.2	128.6	126.0	124.6	124.6	124.7	124.7
17.5°	144.9	142.4	138.0	133.0	128.9	126.0	123.7	122.8	122.9	123.3	123.3
20°	145.7	143.0	137.5	131.5	126.9	123.6	121.8	121.0	121.6	122.2	122.2
22.5°	147.0	143.7	136.9	130.0	124.6	121.3	119.8	119.2	119.8	120.5	120.2
25°	149.0	145.0	136.5	128.7	122.5	118.9	117.3	116.8	117.0	117.6	117.6
27.5°	151.3	146.6	136.3	127.2	119.9	116.0	114.2	113.3	113.3	113.5	113.6
30°	155.2	149.3	136.9	126.0	117.6	113.0	110.6	109.3	109.2	109.8	109.8
32.5°	159.7	153.0	138.3	125.0	115.3	109.5	106.2	105.2	104.9	105.3	104.9
35°	164.9	157.1	140.2	124.9	113.0	105.6	101.9	100.8	99.9	99.6	99.3
37.5°	172.1	162.9	142.0	124.2	110.8	101.5	97.5	95.1	94.1	93.8	93.8
40°	179.3	168.4	144.3	123.0	108.0	97.3	91.6	88.9	88.5	88.5	88.5
42.5°	188.3	175.7	147.4	122.3	104.8	93.2	85.4	82.2	82.2	82.2	82.1
45°	199.4	185.3	151.4	122.0	101.6	88.2	78.6	74.5	74.4	74.2	74.1
47.5°	212.4	195.3	155.3	121.3	97.9	82.2	70.9	66.4	65.4	65.1	64.7
50°	225.8	206.1	159.4	120.3	93.5	75.2	63.7	58.4	56.2	55.5	55.8
52.5°	240.1	216.7	163.4	118.9	88.2	68.2	56.2	50.7	48.5	47.7	47.5
55°	254.1	227.4	167.1	117.0	82.5	61.1	50.0	44.5	42.7	42.4	42.4
57.5°	268.2	237.6	170.0	114.3	76.2	54.8	44.5	40.1	38.8	39.4	39.4
60°	281.0	246.6	171.4	110.6	69.9	49.1	40.3	37.0	36.4	37.8	37.7
62.5°	292.6	252.6	170.7	105.2	63.8	44.2	37.0	34.5	34.7	36.4	36.5
65°	298.2	253.6	166.6	97.8	57.0	40.1	33.5	31.3	31.5	33.4	33.8
67°	296.9	249.8	159.7	89.4	51.4	37.0	31.4	29.1	29.3	30.8	31.0
67.5°	295.5	247.9	157.9	86.8	50.0	36.4	30.8	28.7	29.0	30.4	30.4
70°	276.5	229.1	140.7	73.7	43.2	32.4	28.1	26.7	27.0	27.8	27.8
72.5°	241.6	198.4	113.9	59.1	36.7	28.7	25.4	24.6	24.6	24.6	23.8
75°	154.2	124.3	74.5	45.2	30.3	24.6	22.8	21.8	21.3	22.1	21.8
77.5°	85.2	64.9	38.8	26.0	21.8	20.4	19.8	19.4	19.3	21.3	20.7
80°	40.4	32.1	21.8	14.8	12.6	15.1	17.1	16.8	20.1	27.5	27.7
82.5°	12.8	10.6	8.8	8.1	8.4	10.8	13.3	15.3	26.1	29.5	29.1
85°	1.6	1.4	1.0	3.3	5.6	8.0	10.3	19.8	24.0	20.0	18.8
87.5°	0.6	0.6	0.6	2.3	4.3	6.1	9.3	20.0	14.7	13.4	12.3
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)