

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: P1211954

Luminaire Tested: **GKO-PB1C-827-U-T2U**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211954
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1C-827-U-T2U
Description: GEKKO WALL PACK 2500LM PACKAGE 80CRI 2700K FIXTURE w/ TYPE II URBAN
DISTRIBUTION OPTIC
Light Source: (10) 2700K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

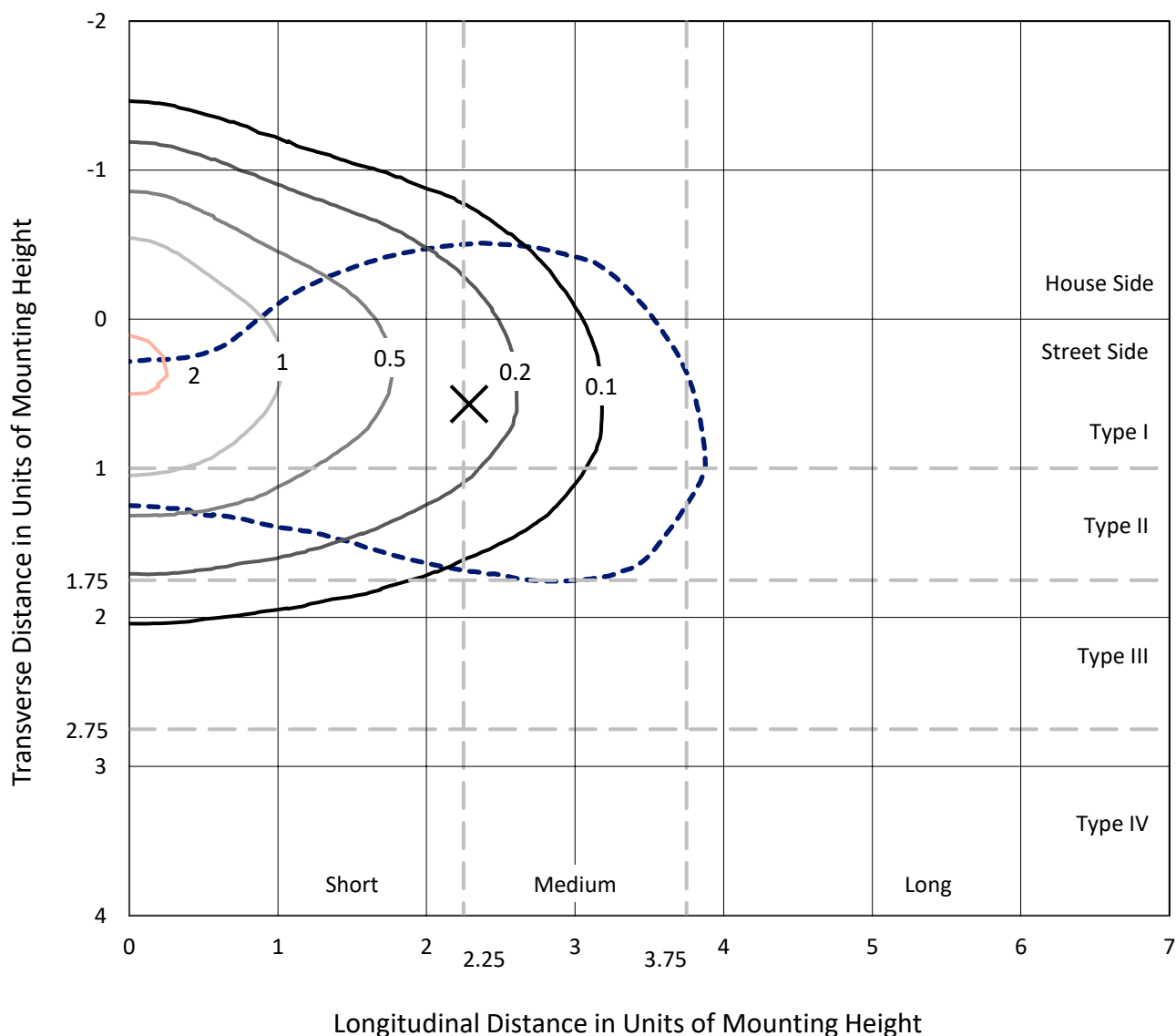
Lumens per Lamp: N/A
Luminaire Lumens: 2184.6 lumens
Efficiency: N/A
Efficacy: 128.5 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

Input Watts (W): 17
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 13%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P1211954
 CATALOG NUMBER: GKO-PB1C-827-U-T2U

Iso-Footcandle Lines of Horizontal Illumination

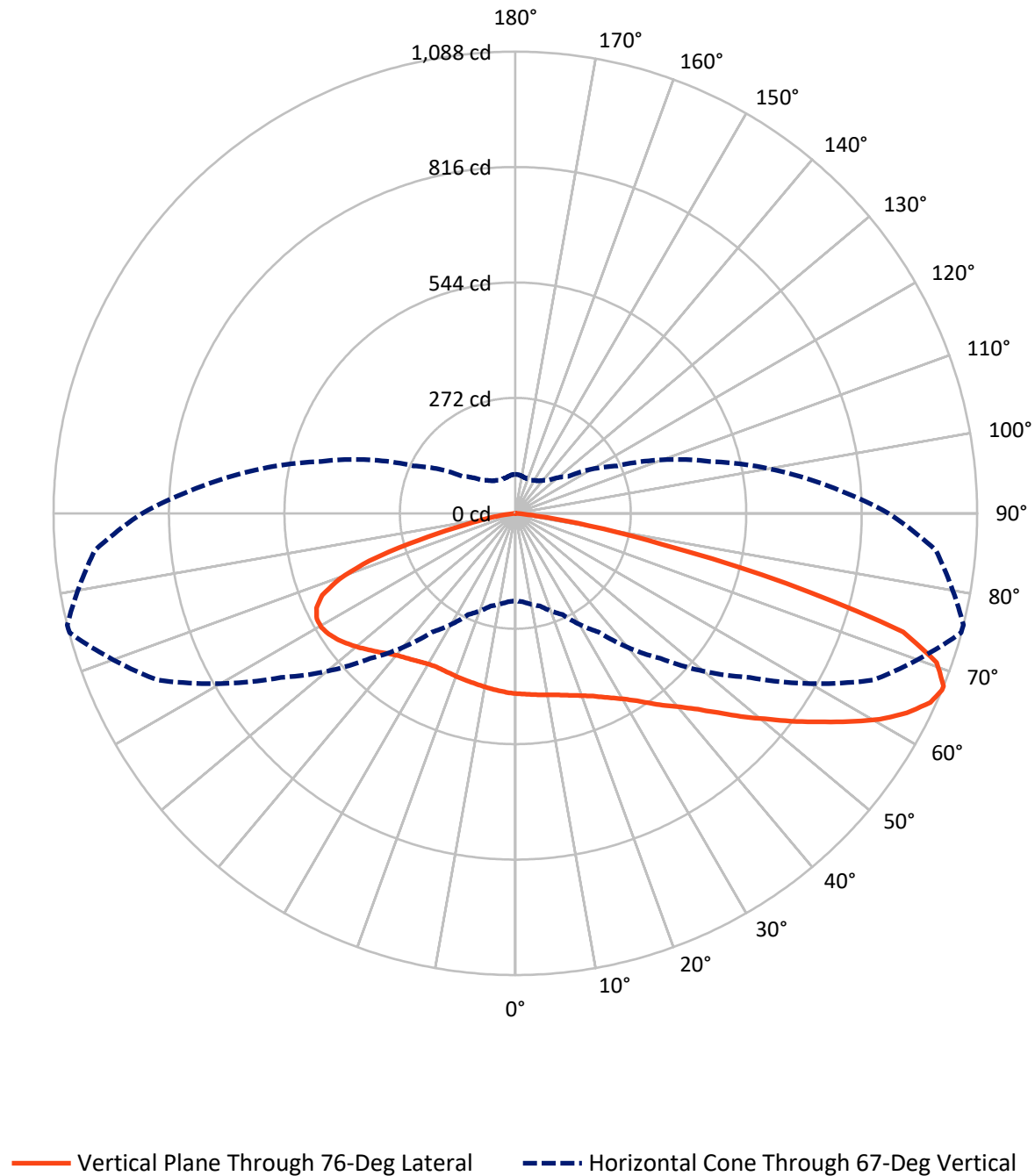
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.1 fc
 Type II - Medium - N/A

REPORT NUMBER: P1211954
CATALOG NUMBER: GKO-PB1C-827-U-T2U

Luminous Intensity Polar Plot



REPORT NUMBER: P1211954

CATALOG NUMBER: GKO-PB1C-827-U-T2U

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	720.7	0.0	720.7
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	1463.8	0.0	1463.8
	% Fixture	67.0	0.0	67.0
Total	Lumens	2184.6	0.0	2184.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.8	1.9
10°-20°	124.9	5.7
20°-30°	214.8	9.8
30°-40°	308.7	14.1
40°-50°	391.5	17.9
50°-60°	429.9	19.7
60°-70°	417.0	19.1
70°-80°	230.2	10.5
80°-90°	26.7	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°	2184.6	100.0
0°-180°	2184.6	100.0



REPORT NUMBER: P1211954

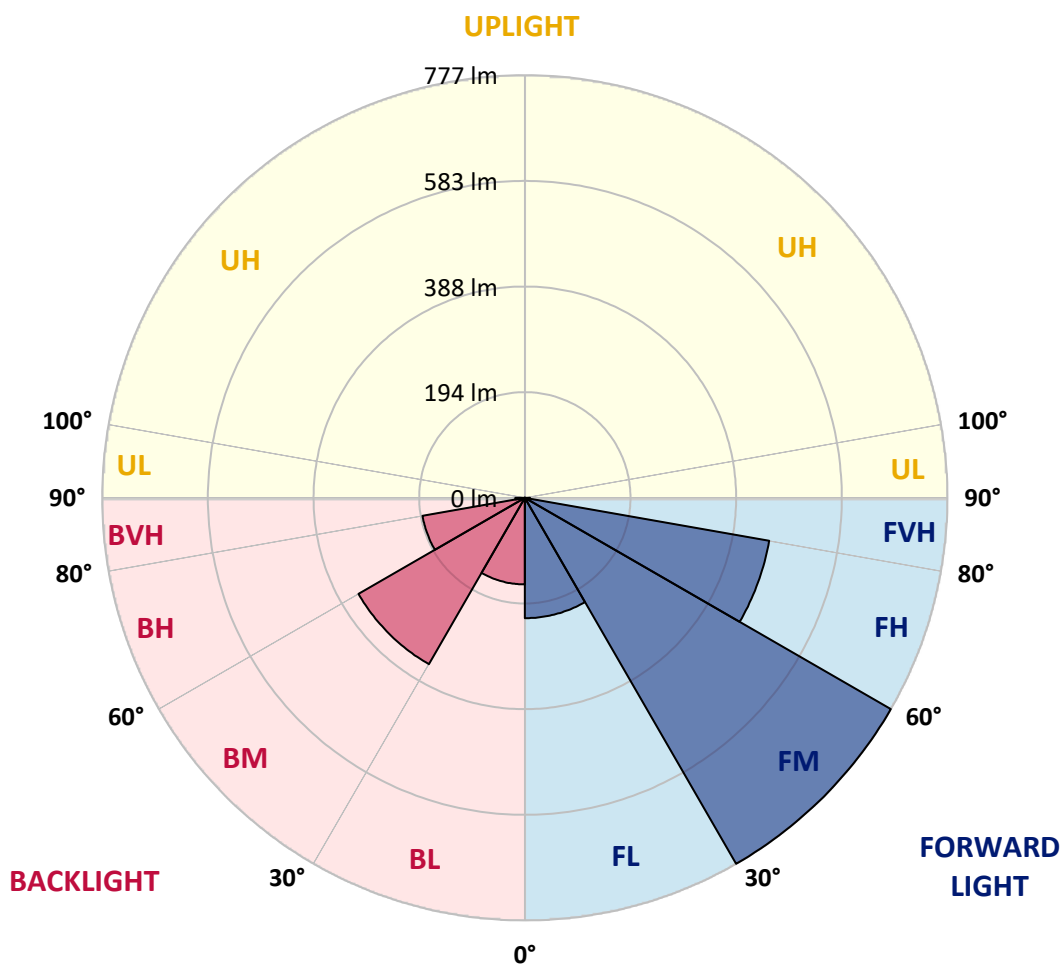
CATALOG NUMBER: GKO-PB1C-827-U-T2U

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	221.3	10.1			
FM	(30°-60°)	777.0	35.6			
FH	(60°-80°)	456.1	20.9			G0/660
FVH	(80°-90°)	9.4	0.4			G0/10
BL	(0°-30°)	159.2	7.3	B1/500		
BM	(30°-60°)	353.2	16.2	B1/1000		
BH	(60°-80°)	191.0	8.7	B1/500		G1/500
BVH	(80°-90°)	17.3	0.8			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type II Medium



REPORT NUMBER: P1211954

CATALOG NUMBER: GKO-PB1C-827-U-T2U

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	424.7	424.7	424.7	424.7	424.7	424.7	424.7	424.7	424.7	424.7	424.7
2.5°	437.3	436.9	436.5	436.5	434.8	433.1	431.4	430.1	426.8	426.3	424.7
5°	450.4	450.4	449.2	448.7	446.2	442.0	438.2	434.4	429.7	428.9	425.1
7.5°	467.3	467.3	465.2	463.5	459.7	453.0	446.2	439.4	432.7	431.8	425.9
10°	488.9	488.9	487.2	483.4	475.4	466.5	455.5	444.9	436.1	435.2	426.8
12.5°	511.3	511.7	509.2	503.7	494.0	480.4	466.9	451.7	440.3	439.0	428.5
15°	534.1	534.5	532.8	526.9	513.8	497.3	479.2	461.0	445.8	444.5	431.0
17.5°	556.5	557.3	555.6	548.9	533.7	515.9	493.5	470.7	452.5	450.9	435.2
20°	577.6	577.6	577.6	570.0	555.2	534.9	509.2	482.5	460.1	458.5	440.3
22.5°	596.6	597.5	598.7	594.5	577.6	555.2	527.3	495.6	469.9	467.8	446.6
25°	615.6	616.1	619.4	616.5	600.0	576.8	546.8	512.1	481.7	479.6	454.2
27.5°	637.6	638.9	641.0	639.7	621.1	598.3	568.3	530.3	494.8	492.7	463.5
30°	663.4	663.4	664.7	662.5	644.0	621.1	589.9	549.3	511.3	507.9	474.9
32.5°	684.5	686.6	685.8	684.9	665.5	642.7	611.8	570.4	530.3	526.1	490.6
35°	704.4	704.8	704.4	705.2	685.8	664.2	635.1	594.9	551.4	549.7	510.4
37.5°	715.8	716.6	718.7	721.3	704.0	683.7	658.3	622.0	577.6	574.7	534.1
40°	721.3	722.5	734.0	737.8	719.2	702.3	682.8	646.5	603.0	599.6	557.8
42.5°	729.7	739.9	745.8	746.6	730.6	715.8	704.0	674.4	634.2	631.3	589.4
45°	701.8	698.0	713.7	731.8	731.0	724.7	724.2	705.6	672.7	669.7	625.4
47.5°	666.8	663.8	672.3	698.9	717.9	728.5	744.1	742.4	719.2	714.9	667.2
50°	583.1	588.2	629.6	665.9	698.9	729.7	761.0	780.9	764.4	761.0	711.6
52.5°	504.9	508.3	536.6	623.3	674.4	725.9	775.8	821.4	817.2	813.4	760.2
55°	450.0	453.4	498.6	554.0	638.0	706.5	785.5	859.9	870.9	867.1	811.7
57.5°	392.5	398.0	428.9	477.5	589.4	674.4	788.9	898.7	929.2	925.8	861.1
60°	337.2	344.8	363.0	415.8	529.4	636.3	780.0	930.0	985.4	985.4	912.3
62.5°	286.1	290.3	309.3	357.0	453.4	587.8	757.6	949.9	1036.9	1034.8	957.1
65°	243.8	245.9	261.1	302.1	389.6	534.1	718.7	948.6	1073.7	1074.1	986.6
67°	205.8	209.2	226.1	263.2	341.0	483.4	674.0	929.6	1086.8	1087.6	993.8
67.5°	192.7	196.5	215.1	253.5	330.9	469.4	663.4	921.6	1085.9	1087.6	991.7
70°	132.7	133.5	164.8	208.7	272.1	395.5	590.3	865.8	1053.8	1052.6	945.7
72.5°	84.5	83.2	113.2	152.5	218.9	320.3	498.2	768.2	956.2	954.9	833.7
75°	56.2	57.5	76.5	109.0	153.8	247.6	388.3	579.7	664.2	659.2	550.2
77.5°	40.1	39.3	47.3	78.6	103.1	150.4	210.8	308.5	352.8	352.8	302.1
80°	22.0	22.4	25.8	43.5	58.3	58.7	79.0	154.7	172.4	176.2	146.6
82.5°	6.3	6.8	9.3	14.8	16.1	17.7	27.5	44.4	46.5	49.0	39.7
85°	0.0	0.0	0.0	0.4	1.7	2.1	2.1	2.5	4.2	4.2	4.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.8	1.7	1.7	2.1
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: P1211954

CATALOG NUMBER: GKO-PB1C-827-U-T2U

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	424.7	424.7	424.7	424.7	424.7	424.7	424.7	424.7	424.7	424.7	424.7
2.5°	424.2	424.7	423.0	420.9	419.2	418.3	415.8	413.7	414.9	416.2	416.2
5°	423.8	423.4	420.0	416.2	413.7	412.0	407.8	404.8	405.2	406.5	406.1
7.5°	423.8	422.1	417.5	412.0	407.8	404.4	398.9	395.5	395.1	395.9	395.1
10°	424.2	421.3	414.9	407.3	401.4	396.3	389.6	385.8	384.5	384.9	384.1
12.5°	425.1	420.4	412.4	402.7	395.1	388.3	380.7	376.1	375.2	376.1	376.1
15°	426.3	420.4	410.3	398.5	388.3	380.7	373.1	368.9	368.9	369.3	369.3
17.5°	428.9	421.7	408.6	393.8	381.6	373.1	366.3	363.4	363.8	365.1	365.1
20°	431.4	423.4	406.9	389.2	375.6	365.9	360.4	358.3	360.0	361.7	361.7
22.5°	435.2	425.5	405.2	384.9	368.9	359.2	354.5	352.8	354.5	356.6	355.8
25°	441.1	429.3	404.0	381.1	362.5	352.0	347.3	345.6	346.5	348.2	348.2
27.5°	447.9	434.0	403.5	376.5	354.9	343.5	338.0	335.5	335.5	335.9	336.3
30°	459.3	442.0	405.2	373.1	348.2	334.7	327.5	323.7	323.2	324.9	324.9
32.5°	472.8	453.0	409.4	370.1	341.4	324.1	314.4	311.4	310.6	311.8	310.6
35°	488.0	465.2	414.9	369.7	334.7	312.7	301.7	298.3	295.8	294.9	294.1
37.5°	509.6	482.1	420.4	367.6	327.9	300.4	288.6	281.4	278.5	277.6	277.6
40°	530.7	498.6	427.2	364.2	319.9	288.2	271.3	263.2	262.0	262.0	262.0
42.5°	557.3	520.2	436.5	362.1	310.1	275.9	252.7	243.4	243.4	243.4	243.0
45°	590.3	548.5	448.3	361.3	300.9	261.1	232.8	220.6	220.1	219.7	219.3
47.5°	628.7	578.0	459.7	359.2	289.9	243.4	210.0	196.5	193.5	192.7	191.4
50°	668.5	610.2	472.0	356.2	276.8	222.7	188.5	172.8	166.5	164.4	165.2
52.5°	710.7	641.4	483.8	352.0	261.1	202.0	166.5	150.0	143.7	141.1	140.7
55°	752.1	673.1	494.8	346.5	244.2	180.8	147.9	131.8	126.3	125.5	125.5
57.5°	794.0	703.5	503.2	338.5	225.6	162.3	131.8	118.7	114.9	116.6	116.6
60°	832.0	730.2	507.5	327.5	207.0	145.4	119.2	109.4	107.7	112.0	111.6
62.5°	866.2	747.9	505.4	311.4	188.9	131.0	109.4	102.3	102.7	107.7	108.2
65°	882.7	750.9	493.1	289.4	168.6	118.7	99.3	92.5	93.4	98.9	100.1
67°	878.9	739.4	472.8	264.5	152.1	109.4	93.0	86.2	86.6	91.3	91.7
67.5°	874.7	734.0	467.3	256.9	147.9	107.7	91.3	84.9	85.8	90.0	90.0
70°	818.5	678.2	416.6	218.0	128.0	95.9	83.2	79.0	79.9	82.4	82.4
72.5°	715.4	587.3	337.2	174.9	108.6	84.9	75.2	72.7	72.7	72.7	70.6
75°	456.3	368.0	220.6	133.9	89.6	72.7	67.6	64.6	63.0	65.5	64.6
77.5°	252.3	192.3	114.9	76.9	64.6	60.4	58.7	57.5	57.0	63.0	61.3
80°	119.6	95.1	64.6	43.9	37.2	44.8	50.7	49.9	59.6	81.6	82.0
82.5°	38.0	31.3	26.2	24.1	24.9	32.1	39.3	45.2	77.3	87.5	86.2
85°	4.6	4.2	3.0	9.7	16.5	23.7	30.4	58.7	71.0	59.2	55.8
87.5°	1.7	1.7	1.7	6.8	12.7	18.2	27.5	59.2	43.5	39.7	36.3
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)