

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: P1211974

Luminaire Tested: **GKO-PB1C-835-U-T2U**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211974
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1C-835-U-T2U
Description: GEKKO WALL PACK 2500LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

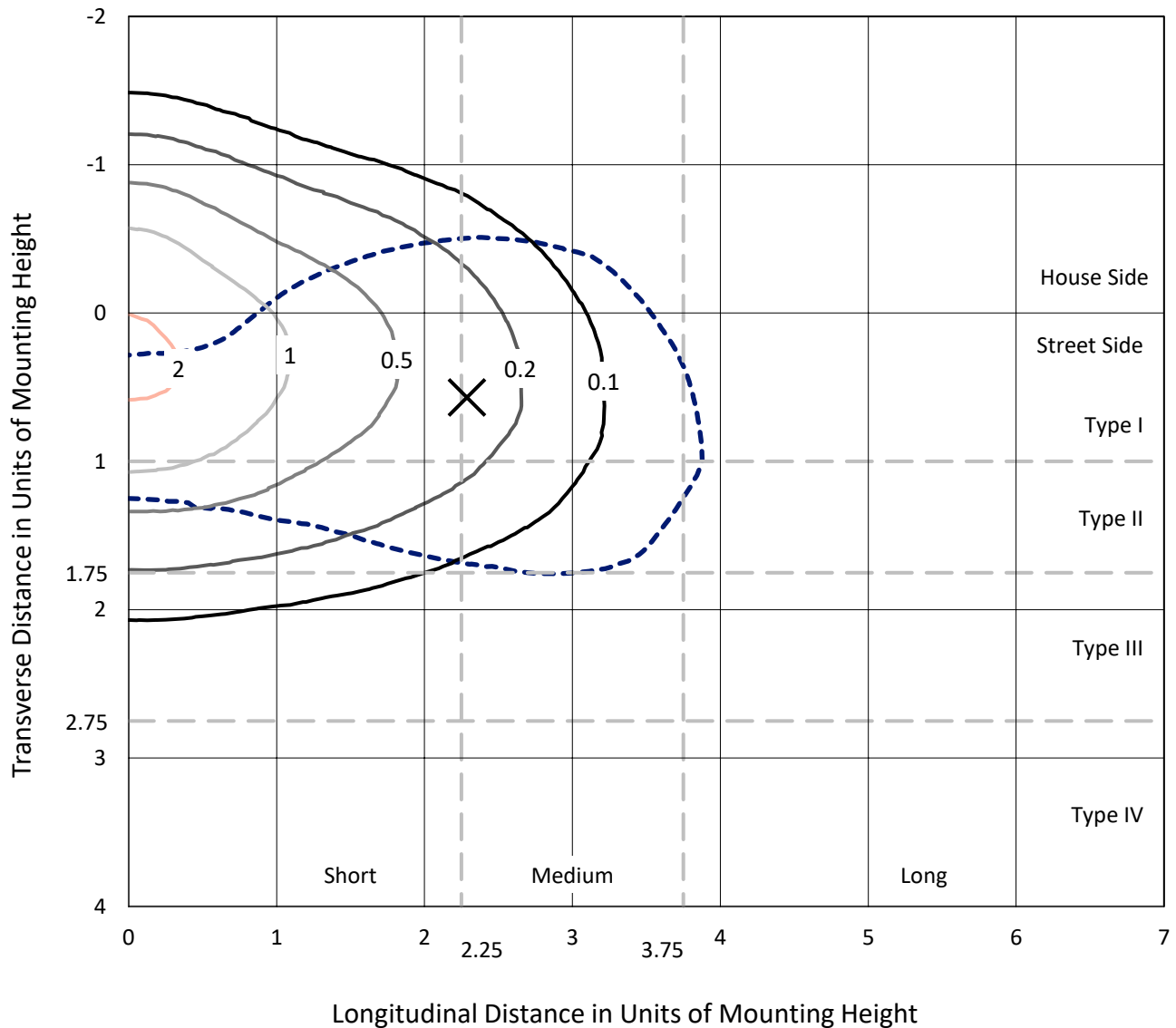
Lumens per Lamp: N/A
Luminaire Lumens: 2305.6 lumens
Efficiency: N/A
Efficacy: 135.6 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

Input Watts (W): 17
Input Voltage (V): 120
Input Current (Ain): 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

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Iso-Footcandle Lines of Horizontal Illumination

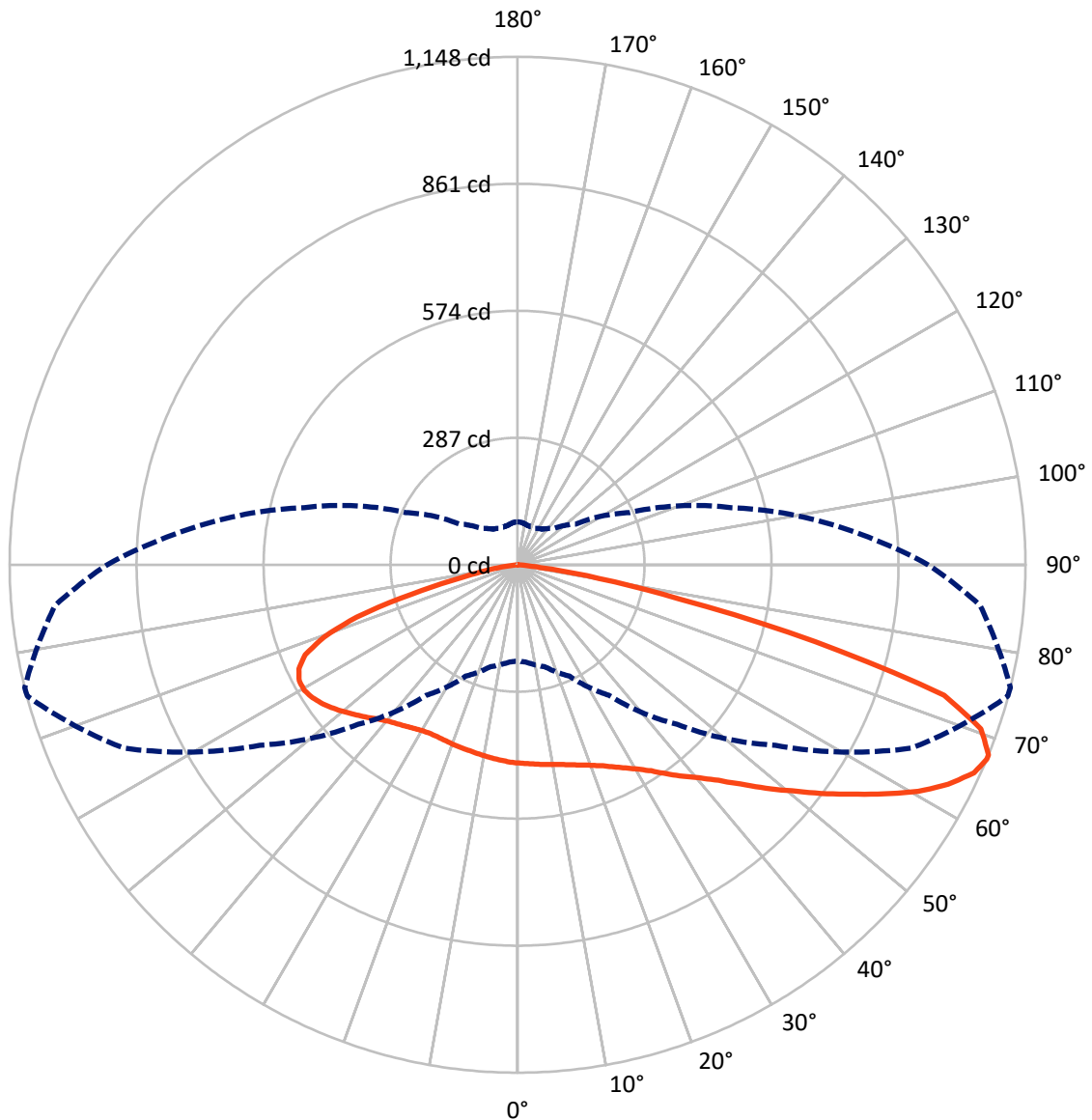
× Max cd
- - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.2 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	760.7	0.0	760.7
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	1545.0	0.0	1545.0
	% Fixture	67.0	0.0	67.0
Total	Lumens	2305.6	0.0	2305.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.1	1.9
10°-20°	131.8	5.7
20°-30°	226.8	9.8
30°-40°	325.8	14.1
40°-50°	413.2	17.9
50°-60°	453.8	19.7
60°-70°	440.1	19.1
70°-80°	243.0	10.5
80°-90°	28.2	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°	2305.6	100.0
0°-180°	2305.6	100.0

Coefficient of Utilization



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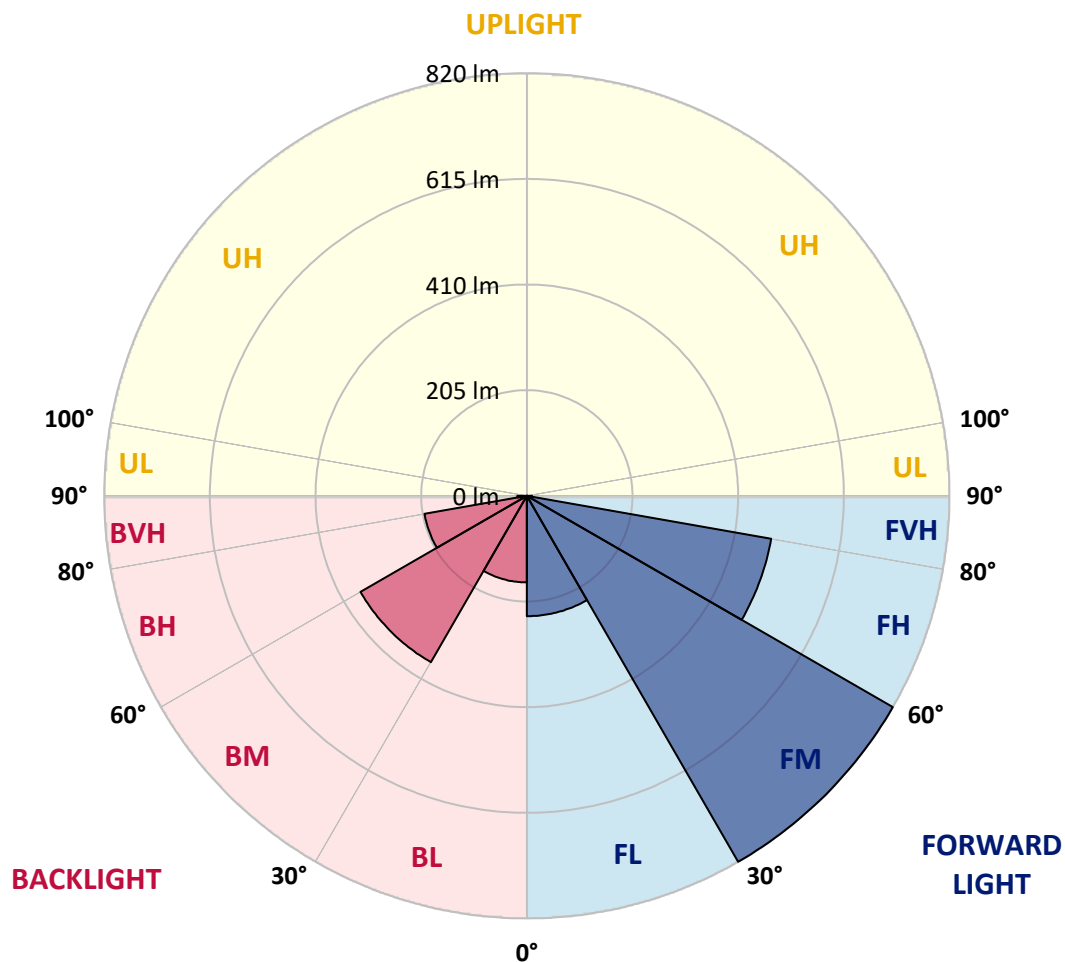
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	233.6	10.1			
FM	(30°-60°)	820.1	35.6			
FH	(60°-80°)	481.4	20.9			G0/660
FVH	(80°-90°)	9.9	0.4			G0/10
BL	(0°-30°)	168.1	7.3	B1/500		
BM	(30°-60°)	372.7	16.2	B1/1000		
BH	(60°-80°)	201.6	8.7	B1/500		G1/500
BVH	(80°-90°)	18.2	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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	448.2	448.2	448.2	448.2	448.2	448.2	448.2	448.2	448.2	448.2	448.2
2.5°	461.6	461.1	460.7	460.7	458.9	457.1	455.3	454.0	450.4	450.0	448.2
5°	475.4	475.4	474.1	473.6	470.9	466.5	462.5	458.4	453.5	452.7	448.6
7.5°	493.2	493.2	491.0	489.2	485.2	478.1	470.9	463.8	456.7	455.8	449.5
10°	516.0	516.0	514.2	510.2	501.7	492.3	480.7	469.6	460.2	459.3	450.4
12.5°	539.6	540.1	537.4	531.6	521.3	507.1	492.8	476.7	464.7	463.4	452.2
15°	563.7	564.1	562.4	556.1	542.3	524.9	505.7	486.5	470.5	469.2	454.9
17.5°	587.3	588.2	586.4	579.3	563.2	544.5	520.9	496.8	477.6	475.8	459.3
20°	609.6	609.6	609.6	601.6	586.0	564.6	537.4	509.3	485.7	483.9	464.7
22.5°	629.7	630.6	631.9	627.5	609.6	586.0	556.6	523.1	495.9	493.7	471.4
25°	649.8	650.2	653.8	650.7	633.3	608.7	577.1	540.5	508.4	506.2	479.4
27.5°	673.0	674.3	676.5	675.2	655.6	631.5	599.8	559.7	522.2	520.0	489.2
30°	700.2	700.2	701.5	699.3	679.6	655.6	622.6	579.8	539.6	536.0	501.3
32.5°	722.5	724.7	723.8	722.9	702.4	678.3	645.8	602.0	559.7	555.2	517.8
35°	743.4	743.9	743.4	744.3	723.8	701.1	670.3	627.9	582.0	580.2	538.7
37.5°	755.5	756.4	758.6	761.3	743.0	721.6	694.8	656.5	609.6	606.5	563.7
40°	761.3	762.6	774.6	778.6	759.0	741.2	720.7	682.3	636.4	632.8	588.7
42.5°	770.2	780.9	787.1	788.0	771.1	755.5	743.0	711.8	669.4	666.3	622.1
45°	740.7	736.7	753.2	772.4	771.5	764.8	764.4	744.8	710.0	706.8	660.0
47.5°	703.7	700.6	709.5	737.6	757.7	768.8	785.3	783.6	759.0	754.6	704.2
50°	615.4	620.8	664.5	702.8	737.6	770.2	803.2	824.1	806.7	803.2	751.0
52.5°	532.9	536.5	566.4	657.8	711.8	766.2	818.8	866.9	862.5	858.5	802.3
55°	474.9	478.5	526.2	584.7	673.4	745.6	829.0	907.5	919.1	915.1	856.7
57.5°	414.3	420.1	452.7	503.9	622.1	711.8	832.6	948.6	980.7	977.1	908.9
60°	355.9	363.9	383.1	438.8	558.8	671.6	823.2	981.6	1040.0	1040.0	962.8
62.5°	301.9	306.4	326.4	376.8	478.5	620.3	799.6	1002.5	1094.4	1092.2	1010.1
65°	257.3	259.5	275.6	318.9	411.2	563.7	758.6	1001.2	1133.2	1133.6	1041.3
67°	217.2	220.8	238.6	277.8	359.9	510.2	711.3	981.1	1147.0	1147.9	1048.9
67.5°	203.4	207.4	227.0	267.6	349.2	495.5	700.2	972.6	1146.1	1147.9	1046.7
70°	140.0	140.9	173.9	220.3	287.2	417.4	623.0	913.8	1112.2	1110.9	998.1
72.5°	89.2	87.9	119.5	161.0	231.0	338.0	525.8	810.8	1009.2	1007.9	879.9
75°	59.3	60.7	80.7	115.1	162.3	261.3	409.8	611.9	701.1	695.7	580.6
77.5°	42.4	41.5	49.9	82.9	108.8	158.8	222.5	325.6	372.4	372.4	318.9
80°	23.2	23.6	27.2	45.9	61.5	62.0	83.4	163.2	182.0	186.0	154.7
82.5°	6.7	7.1	9.8	15.6	16.9	18.7	29.0	46.8	49.1	51.7	41.9
85°	0.0	0.0	0.0	0.4	1.8	2.2	2.2	2.7	4.5	4.5	4.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.9	1.8	1.8	2.2
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°	448.2	448.2	448.2	448.2	448.2	448.2	448.2	448.2	448.2	448.2	448.2
2.5°	447.7	448.2	446.4	444.2	442.4	441.5	438.8	436.6	437.9	439.3	439.3
5°	447.3	446.9	443.3	439.3	436.6	434.8	430.4	427.2	427.7	429.0	428.6
7.5°	447.3	445.5	440.6	434.8	430.4	426.8	421.0	417.4	417.0	417.9	417.0
10°	447.7	444.6	437.9	429.9	423.7	418.3	411.2	407.2	405.8	406.3	405.4
12.5°	448.6	443.7	435.3	425.0	417.0	409.8	401.8	396.9	396.0	396.9	396.9
15°	450.0	443.7	433.0	420.5	409.8	401.8	393.8	389.3	389.3	389.8	389.8
17.5°	452.7	445.1	431.2	415.6	402.7	393.8	386.6	383.5	384.0	385.3	385.3
20°	455.3	446.9	429.5	410.7	396.5	386.2	380.4	378.2	380.0	381.7	381.7
22.5°	459.3	449.1	427.7	406.3	389.3	379.1	374.2	372.4	374.2	376.4	375.5
25°	465.6	453.1	426.3	402.3	382.6	371.5	366.6	364.8	365.7	367.5	367.5
27.5°	472.7	458.0	425.9	397.4	374.6	362.6	356.8	354.1	354.1	354.5	355.0
30°	484.8	466.5	427.7	393.8	367.5	353.2	345.6	341.6	341.2	342.9	342.9
32.5°	499.0	478.1	432.1	390.7	360.3	342.1	331.8	328.7	327.8	329.1	327.8
35°	515.1	491.0	437.9	390.2	353.2	330.0	318.4	314.8	312.2	311.3	310.4
37.5°	537.8	508.8	443.7	388.0	346.1	317.1	304.6	297.0	293.9	293.0	293.0
40°	560.1	526.2	450.9	384.4	337.6	304.1	286.3	277.8	276.5	276.5	276.5
42.5°	588.2	549.0	460.7	382.2	327.3	291.2	266.7	256.9	256.9	256.9	256.4
45°	623.0	578.9	473.2	381.3	317.5	275.6	245.7	232.8	232.3	231.9	231.5
47.5°	663.6	610.1	485.2	379.1	305.9	256.9	221.6	207.4	204.3	203.4	202.0
50°	705.5	644.0	498.1	375.9	292.1	235.0	198.9	182.4	175.7	173.5	174.4
52.5°	750.1	677.0	510.6	371.5	275.6	213.2	175.7	158.3	151.6	149.0	148.5
55°	793.8	710.4	522.2	365.7	257.8	190.9	156.1	139.1	133.3	132.5	132.5
57.5°	838.0	742.5	531.1	357.2	238.1	171.2	139.1	125.3	121.3	123.1	123.1
60°	878.1	770.6	535.6	345.6	218.5	153.4	125.8	115.5	113.7	118.2	117.7
62.5°	914.2	789.4	533.4	328.7	199.3	138.2	115.5	107.9	108.4	113.7	114.2
65°	931.6	792.5	520.4	305.5	177.9	125.3	104.8	97.7	98.6	104.4	105.7
67°	927.6	780.4	499.0	279.2	160.5	115.5	98.1	91.0	91.4	96.3	96.8
67.5°	923.1	774.6	493.2	271.1	156.1	113.7	96.3	89.6	90.5	95.0	95.0
70°	863.8	715.8	439.7	230.1	135.1	101.2	87.9	83.4	84.3	87.0	87.0
72.5°	755.0	619.9	355.9	184.6	114.6	89.6	79.4	76.7	76.7	76.7	74.5
75°	481.6	388.4	232.8	141.4	94.5	76.7	71.4	68.2	66.4	69.1	68.2
77.5°	266.2	202.9	121.3	81.2	68.2	63.8	62.0	60.7	60.2	66.4	64.7
80°	126.2	100.3	68.2	46.4	39.2	47.3	53.5	52.6	62.9	86.1	86.5
82.5°	40.1	33.0	27.6	25.4	26.3	33.9	41.5	47.7	81.6	92.3	91.0
85°	4.9	4.5	3.1	10.3	17.4	25.0	32.1	62.0	74.9	62.4	58.9
87.5°	1.8	1.8	1.8	7.1	13.4	19.2	29.0	62.4	45.9	41.9	38.4
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)