

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: P1211984

Luminaire Tested: **GKO-PB1C-840-U-T2U**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211984
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1C-840-U-T2U
Description: GEKKO WALL PACK 2500LM PACKAGE 80CRI 4000K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (10) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

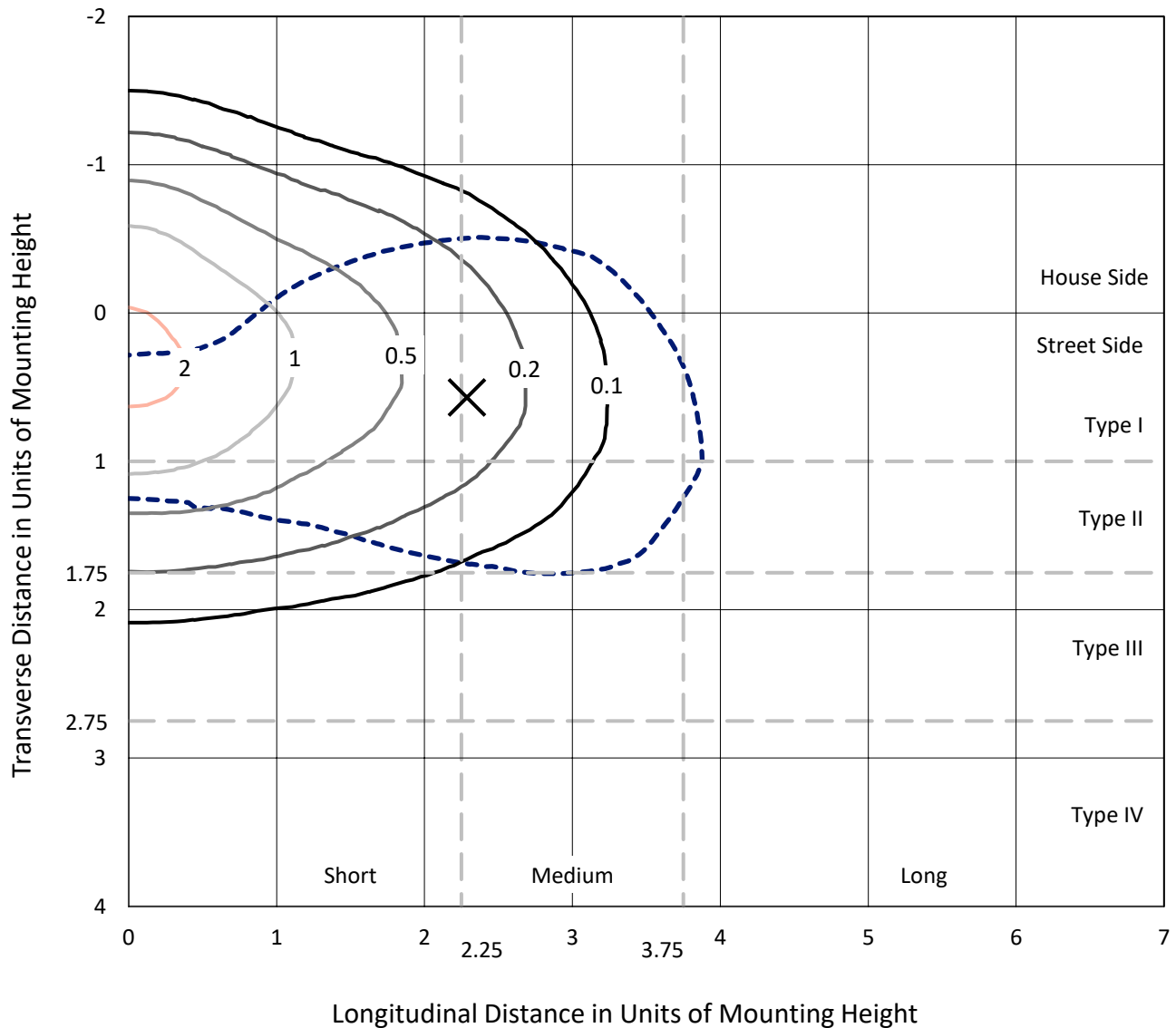
Lumens per Lamp: N/A
Luminaire Lumens: 2380.3 lumens
Efficiency: N/A
Efficacy: 140.0 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

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

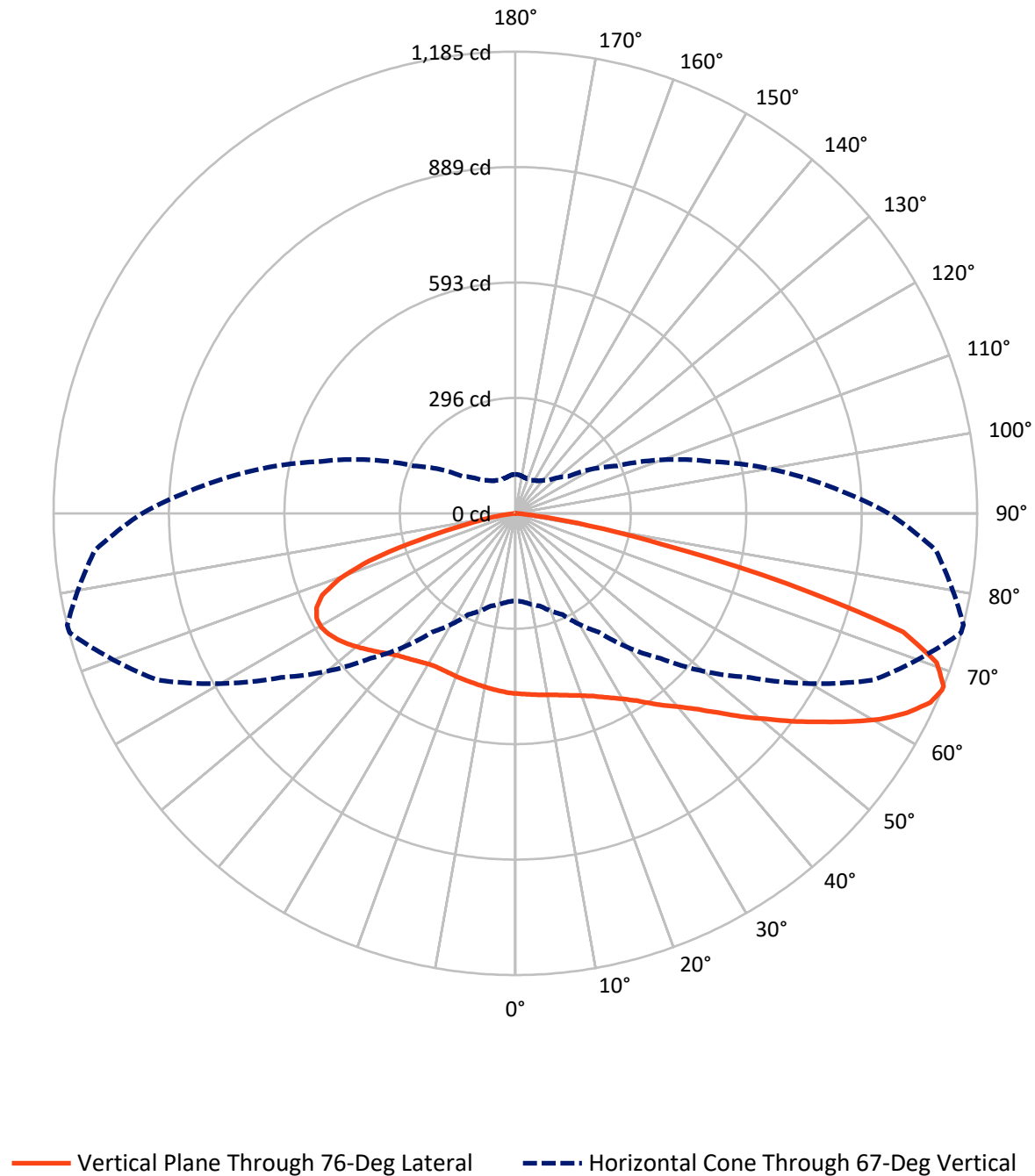
× Max cd
 --- 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.3 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	785.3	0.0	785.3
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	1595.0	0.0	1595.0
	% Fixture	67.0	0.0	67.0
Total	Lumens	2380.3	0.0	2380.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.5	1.9
10°-20°	136.1	5.7
20°-30°	234.1	9.8
30°-40°	336.4	14.1
40°-50°	426.6	17.9
50°-60°	468.4	19.7
60°-70°	454.3	19.1
70°-80°	250.8	10.5
80°-90°	29.1	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°	2380.3	100.0
0°-180°	2380.3	100.0

Coefficient of Utilization



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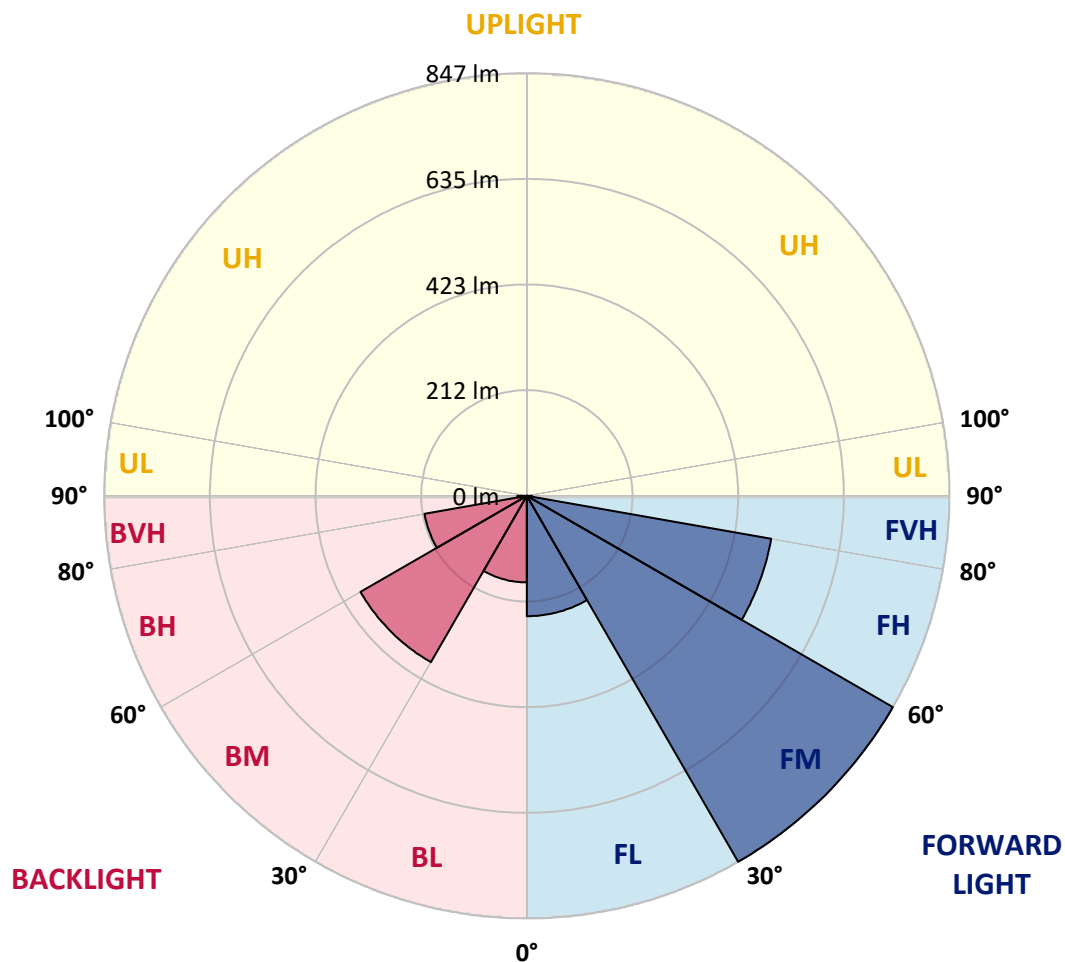
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	241.1	10.1			
FM	(30°-60°)	846.6	35.6			
FH	(60°-80°)	497.0	20.9			G0/660
FVH	(80°-90°)	10.3	0.4			G1/100
BL	(0°-30°)	173.5	7.3	B1/500		
BM	(30°-60°)	384.8	16.2	B1/1000		
BH	(60°-80°)	208.2	8.7	B1/500		G1/500
BVH	(80°-90°)	18.8	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°	462.7	462.7	462.7	462.7	462.7	462.7	462.7	462.7	462.7	462.7	462.7
2.5°	476.5	476.1	475.6	475.6	473.8	471.9	470.1	468.7	465.0	464.6	462.7
5°	490.8	490.8	489.4	489.0	486.2	481.6	477.4	473.3	468.2	467.3	463.2
7.5°	509.2	509.2	506.9	505.1	500.9	493.6	486.2	478.8	471.5	470.5	464.1
10°	532.7	532.7	530.9	526.7	518.0	508.3	496.3	484.8	475.1	474.2	465.0
12.5°	557.1	557.6	554.8	548.8	538.2	523.5	508.8	492.2	479.7	478.4	466.9
15°	582.0	582.4	580.6	574.1	559.9	541.9	522.1	502.3	485.7	484.4	469.6
17.5°	606.4	607.3	605.4	598.1	581.5	562.2	537.8	512.9	493.1	491.3	474.2
20°	629.4	629.4	629.4	621.1	605.0	582.9	554.8	525.8	501.4	499.5	479.7
22.5°	650.1	651.0	652.4	647.8	629.4	605.0	574.6	540.1	512.0	509.7	486.7
25°	670.8	671.3	675.0	671.7	653.8	628.5	595.8	558.0	524.9	522.6	494.9
27.5°	694.8	696.1	698.4	697.1	676.8	651.9	619.3	577.8	539.1	536.8	505.1
30°	722.8	722.8	724.2	721.9	701.7	676.8	642.7	598.5	557.1	553.4	517.5
32.5°	745.9	748.2	747.2	746.3	725.1	700.3	666.7	621.6	577.8	573.2	534.5
35°	767.5	768.0	767.5	768.4	747.2	723.8	692.0	648.3	600.8	599.0	556.2
37.5°	779.9	780.9	783.2	785.9	767.0	744.9	717.3	677.7	629.4	626.2	582.0
40°	785.9	787.3	799.7	803.9	783.6	765.2	744.0	704.4	657.0	653.3	607.7
42.5°	795.1	806.2	812.6	813.5	796.1	779.9	767.0	734.8	691.1	687.9	642.3
45°	764.7	760.6	777.6	797.4	796.5	789.6	789.1	768.9	733.0	729.8	681.4
47.5°	726.5	723.3	732.5	761.5	782.2	793.8	810.8	808.9	783.6	779.0	727.0
50°	635.4	640.9	686.0	725.6	761.5	795.1	829.2	850.8	832.9	829.2	775.3
52.5°	550.2	553.9	584.7	679.1	734.8	791.0	845.3	895.0	890.4	886.3	828.3
55°	490.3	494.0	543.3	603.6	695.2	769.8	855.9	936.9	948.9	944.8	884.5
57.5°	427.7	433.7	467.3	520.3	642.3	734.8	859.6	979.3	1012.4	1008.8	938.3
60°	367.4	375.7	395.5	453.0	576.9	693.4	849.9	1013.4	1073.7	1073.7	994.0
62.5°	311.7	316.3	337.0	389.0	494.0	640.4	825.5	1035.0	1129.9	1127.5	1042.8
65°	265.7	268.0	284.5	329.2	424.5	582.0	783.2	1033.6	1169.9	1170.4	1075.1
67°	224.2	227.9	246.3	286.8	371.6	526.7	734.4	1012.9	1184.2	1185.1	1082.9
67.5°	209.9	214.1	234.3	276.2	360.5	511.5	722.8	1004.2	1183.3	1185.1	1080.6
70°	144.6	145.5	179.6	227.4	296.5	430.9	643.2	943.4	1148.3	1146.9	1030.4
72.5°	92.1	90.7	123.4	166.2	238.5	349.0	542.8	837.0	1041.9	1040.5	908.4
75°	61.2	62.6	83.3	118.8	167.6	269.8	423.1	631.7	723.8	718.2	599.5
77.5°	43.7	42.8	51.6	85.6	112.3	163.9	229.7	336.1	384.4	384.4	329.2
80°	23.9	24.4	28.1	47.4	63.5	64.0	86.1	168.5	187.8	192.0	159.8
82.5°	6.9	7.4	10.1	16.1	17.5	19.3	29.9	48.3	50.6	53.4	43.3
85°	0.0	0.0	0.0	0.5	1.8	2.3	2.3	2.8	4.6	4.6	5.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.9	1.8	1.8	2.3
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°	462.7	462.7	462.7	462.7	462.7	462.7	462.7	462.7	462.7	462.7	462.7
2.5°	462.3	462.7	460.9	458.6	456.7	455.8	453.0	450.7	452.1	453.5	453.5
5°	461.8	461.3	457.6	453.5	450.7	448.9	444.3	441.1	441.5	442.9	442.5
7.5°	461.8	460.0	454.9	448.9	444.3	440.6	434.6	430.9	430.5	431.4	430.5
10°	462.3	459.0	452.1	443.8	437.4	431.9	424.5	420.4	419.0	419.4	418.5
12.5°	463.2	458.1	449.4	438.8	430.5	423.1	414.8	409.8	408.8	409.8	409.8
15°	464.6	458.1	447.1	434.2	423.1	414.8	406.5	401.9	401.9	402.4	402.4
17.5°	467.3	459.5	445.2	429.1	415.8	406.5	399.2	396.0	396.4	397.8	397.8
20°	470.1	461.3	443.4	424.0	409.3	398.7	392.7	390.4	392.3	394.1	394.1
22.5°	474.2	463.6	441.5	419.4	401.9	391.4	386.3	384.4	386.3	388.6	387.7
25°	480.7	467.8	440.2	415.3	395.0	383.5	378.5	376.6	377.5	379.4	379.4
27.5°	488.0	472.8	439.7	410.2	386.7	374.3	368.3	365.6	365.6	366.0	366.5
30°	500.5	481.6	441.5	406.5	379.4	364.6	356.8	352.7	352.2	354.1	354.1
32.5°	515.2	493.6	446.1	403.3	372.0	353.1	342.5	339.3	338.4	339.8	338.4
35°	531.8	506.9	452.1	402.9	364.6	340.7	328.7	325.1	322.3	321.4	320.4
37.5°	555.3	525.3	458.1	400.6	357.3	327.4	314.5	306.6	303.4	302.5	302.5
40°	578.3	543.3	465.5	396.9	348.5	314.0	295.6	286.8	285.5	285.5	285.5
42.5°	607.3	566.8	475.6	394.6	337.9	300.6	275.3	265.2	265.2	265.2	264.7
45°	643.2	597.6	488.5	393.7	327.8	284.5	253.7	240.3	239.9	239.4	239.0
47.5°	685.1	629.8	500.9	391.4	315.8	265.2	228.8	214.1	210.9	209.9	208.6
50°	728.4	664.8	514.3	388.1	301.6	242.6	205.3	188.3	181.4	179.1	180.0
52.5°	774.4	698.9	527.2	383.5	284.5	220.1	181.4	163.4	156.5	153.8	153.3
55°	819.5	733.4	539.1	377.5	266.1	197.1	161.1	143.6	137.7	136.7	136.7
57.5°	865.1	766.6	548.4	368.8	245.9	176.8	143.6	129.4	125.2	127.1	127.1
60°	906.6	795.6	553.0	356.8	225.6	158.4	129.8	119.2	117.4	122.0	121.5
62.5°	943.8	814.9	550.7	339.3	205.8	142.7	119.2	111.4	111.9	117.4	117.9
65°	961.8	818.2	537.3	315.4	183.7	129.4	108.2	100.8	101.8	107.7	109.1
67°	957.7	805.7	515.2	288.2	165.7	119.2	101.3	93.9	94.4	99.4	99.9
67.5°	953.1	799.7	509.2	279.9	161.1	117.4	99.4	92.5	93.5	98.1	98.1
70°	891.8	739.0	454.0	237.6	139.5	104.5	90.7	86.1	87.0	89.8	89.8
72.5°	779.5	640.0	367.4	190.6	118.3	92.5	82.0	79.2	79.2	79.2	76.9
75°	497.2	401.0	240.3	146.0	97.6	79.2	73.7	70.4	68.6	71.4	70.4
77.5°	274.9	209.5	125.2	83.8	70.4	65.8	64.0	62.6	62.2	68.6	66.8
80°	130.3	103.6	70.4	47.9	40.5	48.8	55.2	54.3	64.9	88.9	89.3
82.5°	41.4	34.1	28.5	26.2	27.2	35.0	42.8	49.3	84.3	95.3	93.9
85°	5.1	4.6	3.2	10.6	18.0	25.8	33.1	64.0	77.3	64.5	60.8
87.5°	1.8	1.8	1.8	7.4	13.8	19.8	29.9	64.5	47.4	43.3	39.6
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)