

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: P1211914

Luminaire Tested: **GKO-PB1C-835-U-T2R**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211914
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-T2R
Description: GEKKO WALL PACK 2500LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE II
ROADWAY DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

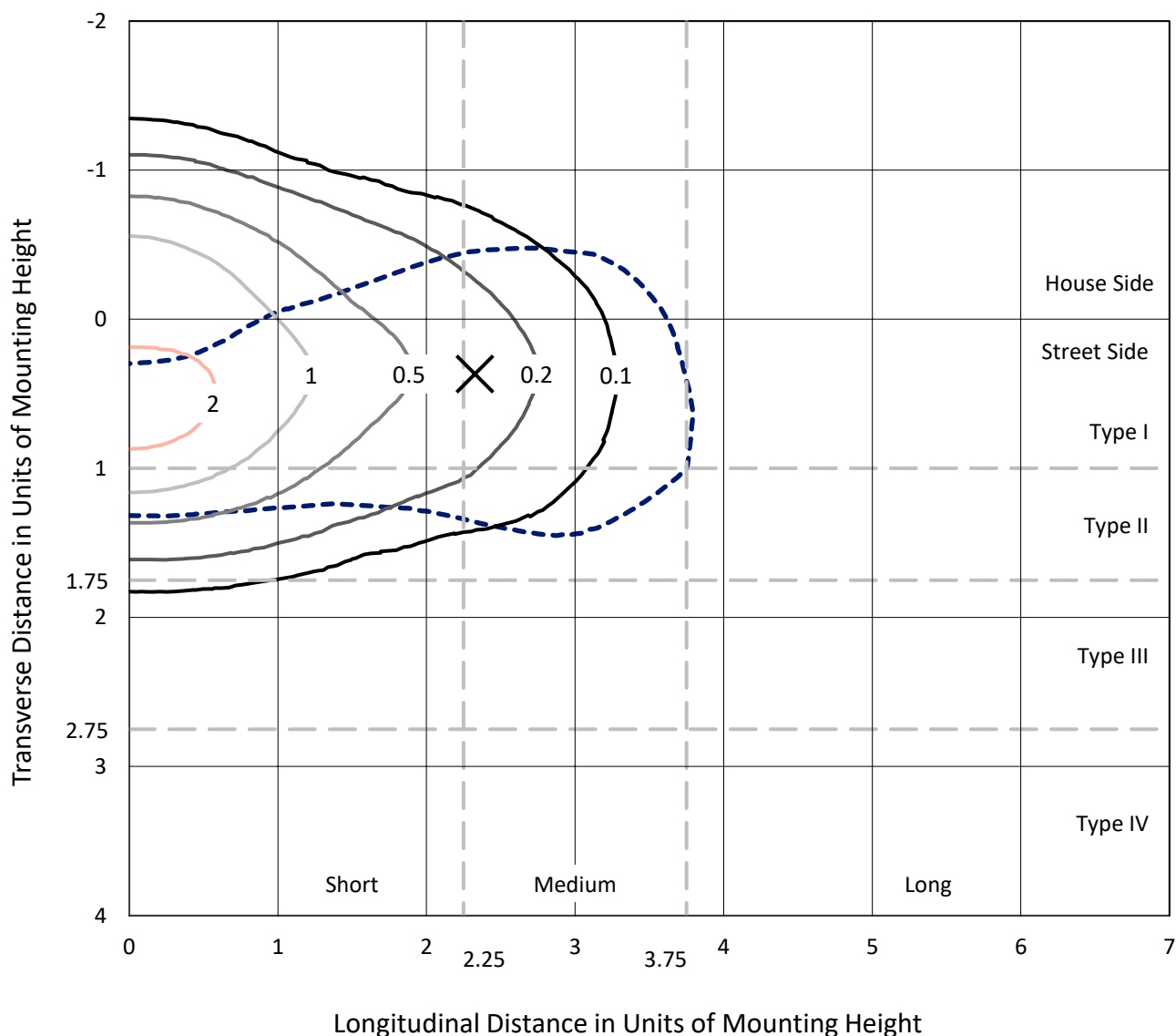
Lumens per Lamp: N/A
Luminaire Lumens: 2330.2 lumens
Efficiency: N/A
Efficacy: 137.1 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

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

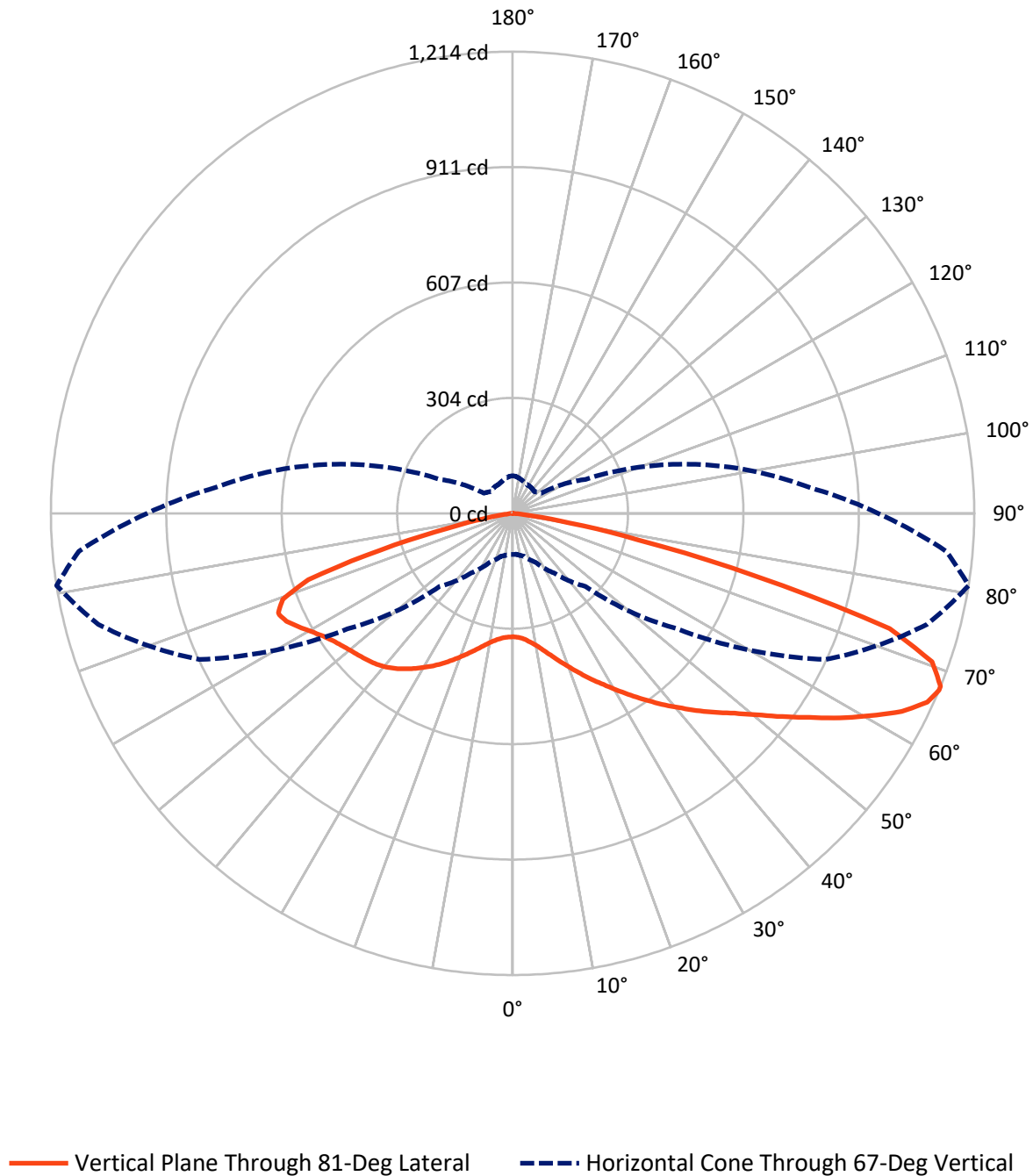
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.8 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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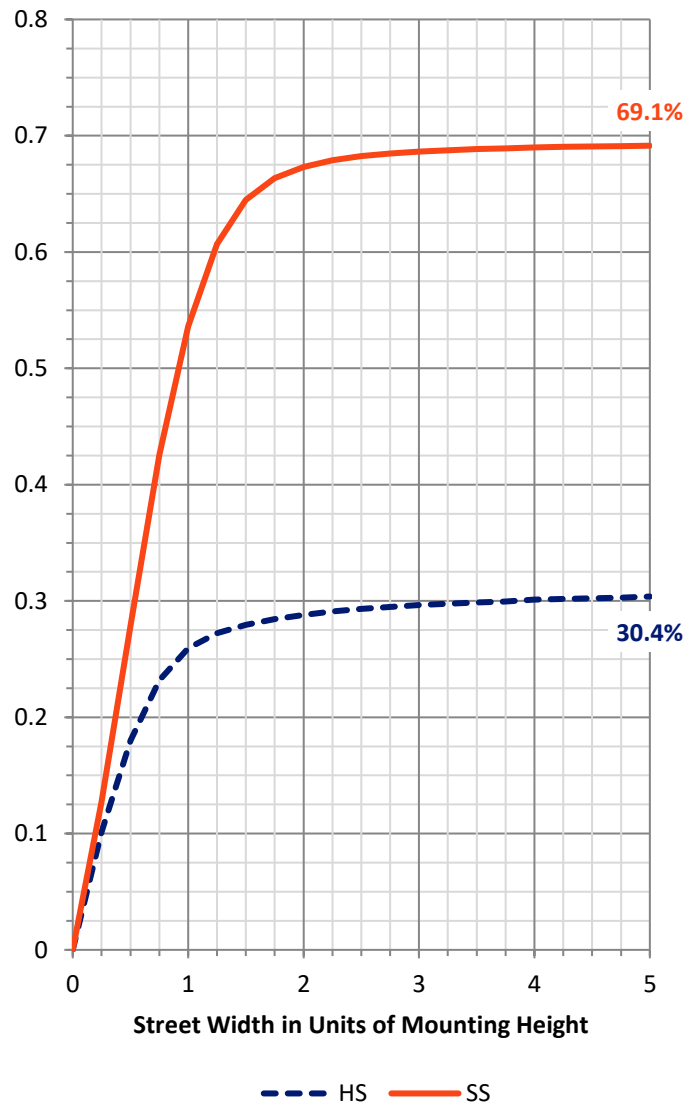
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	719.6	0.0	719.6
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	1610.7	0.0	1610.7
	% Fixture	69.1	0.0	69.1
Total	Lumens	2330.2	0.0	2330.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.6	1.4
10°-20°	121.7	5.2
20°-30°	246.5	10.6
30°-40°	388.8	16.7
40°-50°	477.4	20.5
50°-60°	456.1	19.6
60°-70°	382.5	16.4
70°-80°	202.6	8.7
80°-90°	20.9	0.9
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°	2330.2	100.0
0°-180°	2330.2	100.0

Coefficient of Utilization



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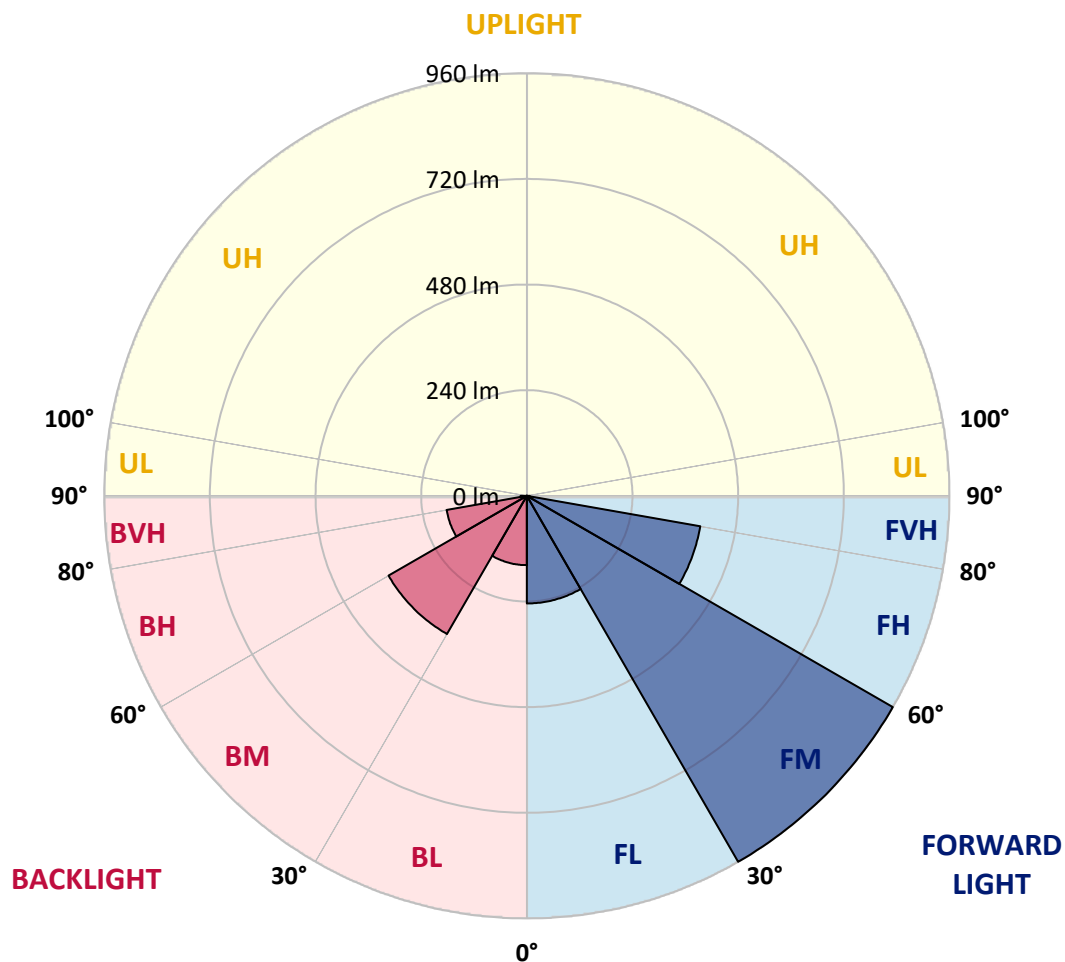
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	244.4	10.5			
FM	(30°-60°)	959.7	41.2			
FH	(60°-80°)	400.0	17.2			G0/660
FVH	(80°-90°)	6.5	0.3			G0/10
BL	(0°-30°)	157.5	6.8	B1/500		
BM	(30°-60°)	362.6	15.6	B1/1000		
BH	(60°-80°)	185.1	7.9	B1/500		G1/500
BVH	(80°-90°)	14.4	0.6			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°	81°	85°
0°	324.6	324.6	324.6	324.6	324.6	324.6	324.6	324.6	324.6	324.6	324.6
2.5°	343.3	344.2	342.4	342.0	340.2	337.5	334.4	332.2	328.6	326.8	325.9
5°	375.9	374.1	372.7	370.5	364.3	358.9	350.0	343.8	337.1	332.6	331.3
7.5°	415.6	416.4	412.0	406.2	397.3	386.6	372.3	360.7	348.2	342.4	339.8
10°	458.8	462.4	457.9	450.8	433.8	417.8	400.4	380.3	363.4	354.5	350.9
12.5°	511.4	513.6	507.8	498.5	478.0	453.9	429.4	404.4	382.1	371.0	364.7
15°	570.3	568.5	562.7	548.9	522.6	495.8	462.4	429.8	403.5	389.7	380.8
17.5°	630.9	628.7	621.1	603.3	573.4	540.0	500.3	459.2	426.3	411.1	399.1
20°	688.9	686.6	681.3	661.2	625.1	584.1	537.7	493.1	452.1	433.4	420.0
22.5°	753.1	751.3	742.8	718.3	679.5	634.5	580.5	527.5	480.2	457.9	441.9
25°	822.6	823.1	813.7	779.4	735.7	683.1	626.5	566.3	511.9	483.8	465.5
27.5°	903.8	903.3	887.3	850.3	795.4	734.8	671.9	606.8	543.1	510.1	489.1
30°	977.4	975.6	957.7	920.7	857.4	789.2	720.1	646.1	578.3	539.1	513.6
32.5°	1031.7	1032.2	1017.5	976.9	914.9	842.3	765.1	690.2	612.2	570.3	542.2
35°	1071.0	1071.4	1057.2	1022.4	964.4	891.7	812.8	731.7	650.1	602.4	572.1
37.5°	1083.5	1083.5	1074.1	1046.9	999.6	936.3	859.6	778.9	688.0	637.2	602.4
40°	1066.5	1067.9	1067.4	1049.6	1017.0	967.1	902.9	824.4	730.3	671.5	633.1
42.5°	1028.2	1029.1	1030.4	1023.7	1013.5	983.6	937.7	870.8	772.7	708.9	663.5
45°	964.9	968.4	975.1	977.8	981.8	979.6	959.1	914.0	820.0	746.4	693.3
47.5°	884.6	890.4	899.3	915.4	937.7	955.5	964.4	947.5	865.9	785.2	726.8
50°	773.1	779.4	803.5	836.9	881.0	915.8	949.7	972.4	917.2	832.4	764.2
52.5°	618.9	632.2	672.8	737.0	812.8	864.5	918.5	984.5	969.3	888.2	808.8
55°	470.8	475.7	527.9	605.0	721.9	809.3	875.7	978.2	1018.4	946.6	859.6
57.5°	329.1	334.4	379.9	464.2	593.5	737.0	832.9	957.3	1063.0	1015.3	918.1
60°	233.6	239.4	273.3	335.7	461.0	631.8	793.2	930.5	1101.7	1080.3	985.4
62.5°	169.9	173.0	190.8	243.4	333.1	494.0	736.6	913.1	1128.9	1148.1	1054.5
65°	130.2	133.3	143.6	176.6	246.1	361.2	634.9	912.7	1136.1	1198.1	1114.2
67°	108.3	107.9	116.8	141.8	192.2	271.5	530.1	909.1	1128.1	1214.1	1144.6
67.5°	102.6	104.3	111.5	132.4	181.5	250.1	507.4	903.3	1125.4	1213.7	1146.8
70°	81.6	82.0	88.3	104.8	136.4	181.5	365.2	846.3	1084.8	1170.0	1121.8
72.5°	59.7	59.3	68.7	79.4	104.3	132.0	244.8	710.7	997.0	1036.7	997.4
75°	44.1	43.7	48.6	60.6	74.5	98.5	158.7	463.7	675.1	659.4	609.1
77.5°	29.4	30.3	34.8	44.6	53.1	61.1	79.4	213.6	371.9	336.2	323.7
80°	17.8	16.5	19.6	25.4	30.8	31.2	33.9	92.3	159.6	152.0	142.7
82.5°	6.2	6.2	7.6	10.3	10.3	10.3	12.5	22.3	31.7	29.0	27.6
85°	0.0	0.0	0.0	0.0	0.9	1.3	0.9	1.8	3.1	3.6	3.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.9	1.3	1.8	1.8
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°	324.6	324.6	324.6	324.6	324.6	324.6	324.6	324.6	324.6	324.6	324.6
2.5°	325.9	325.9	324.6	322.8	321.9	321.5	320.1	318.4	319.7	321.0	321.0
5°	330.4	329.5	326.8	325.0	323.7	323.7	321.9	321.5	322.8	324.1	323.7
7.5°	337.5	335.7	332.6	329.9	330.4	330.8	328.2	328.2	329.5	330.8	330.8
10°	347.3	344.2	341.1	338.9	339.3	339.8	337.1	336.2	337.5	338.9	339.8
12.5°	359.8	355.8	352.2	350.0	349.6	350.0	347.3	346.4	346.4	347.3	347.3
15°	374.5	370.1	365.6	362.5	361.6	361.2	357.6	354.5	354.5	354.9	354.9
17.5°	391.5	385.2	379.4	375.9	373.6	370.5	366.5	362.0	360.7	361.2	361.2
20°	408.4	401.7	394.2	389.2	384.8	379.4	373.2	367.4	364.7	364.7	364.3
22.5°	428.0	419.1	408.9	402.2	394.2	385.2	376.3	368.7	366.1	365.2	365.2
25°	448.1	437.8	423.1	412.9	401.3	388.4	376.8	366.5	362.0	360.3	360.3
27.5°	468.6	456.6	437.4	422.7	405.7	387.9	372.3	359.4	353.1	350.9	350.0
30°	491.8	474.4	449.9	429.8	406.6	383.9	363.8	348.7	339.3	334.0	334.4
32.5°	515.9	494.0	461.5	434.3	405.3	376.3	350.9	331.7	319.7	314.8	313.0
35°	540.4	512.8	471.7	436.5	400.8	364.7	334.4	313.0	299.6	292.5	292.5
37.5°	565.4	532.4	478.9	436.1	392.8	349.6	315.2	292.5	276.9	268.0	265.7
40°	589.9	550.7	484.2	432.5	380.8	331.3	294.7	270.2	249.2	237.6	235.9
42.5°	614.0	565.8	486.9	426.7	366.5	311.2	271.5	238.5	218.5	207.8	207.3
45°	635.8	577.9	487.3	419.1	347.8	288.5	240.3	208.7	188.6	177.5	177.5
47.5°	657.2	591.2	486.9	409.3	327.3	259.1	207.3	176.6	158.3	151.2	148.9
50°	683.1	604.6	486.4	397.3	301.0	223.8	175.2	148.9	133.3	126.2	126.2
52.5°	709.4	620.2	487.3	380.3	269.8	189.5	146.7	123.5	113.3	108.8	108.3
55°	743.3	636.7	489.6	360.3	237.2	156.1	122.2	106.6	99.4	97.2	97.6
57.5°	784.3	659.4	494.0	336.6	199.3	128.0	104.8	96.3	94.5	95.4	95.9
60°	831.1	687.5	500.3	309.9	165.9	106.6	94.5	92.7	94.5	98.1	98.5
62.5°	885.5	721.4	508.3	280.0	132.9	93.6	90.1	91.4	92.7	98.5	99.0
65°	933.7	758.0	510.1	244.8	107.9	85.2	87.4	88.3	91.8	98.5	99.0
67°	960.9	783.0	498.0	211.3	92.3	80.7	83.8	84.7	91.0	97.6	98.5
67.5°	964.0	788.3	490.0	202.9	89.2	79.8	82.9	84.7	91.0	97.6	98.1
70°	954.6	784.7	436.5	152.9	73.6	73.6	77.1	81.1	87.4	94.5	97.6
72.5°	871.2	715.6	338.0	103.9	62.4	66.4	71.8	77.6	83.4	91.8	97.2
75°	550.7	460.6	206.9	69.6	52.2	59.3	67.8	74.5	79.4	85.6	89.2
77.5°	294.3	227.8	89.2	41.0	41.0	52.6	62.9	69.1	71.8	74.0	76.2
80°	139.1	106.1	43.2	24.5	28.5	41.0	55.7	62.4	63.3	66.0	66.9
82.5°	27.6	24.1	14.3	12.9	18.7	29.4	46.4	54.0	54.4	58.9	59.7
85°	3.6	3.1	2.2	4.9	12.0	21.8	35.7	46.4	47.3	47.3	46.4
87.5°	1.8	1.3	1.3	3.6	8.9	16.5	29.4	38.8	39.2	30.8	29.9
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)