

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: P1211884

Luminaire Tested: **GKO-PB1C-735-U-T2R**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211884
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1C-735-U-T2R
Description: GEKKO WALL PACK 2500LM PACKAGE 70CRI 3500K FIXTURE w/ TYPE II
ROADWAY DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

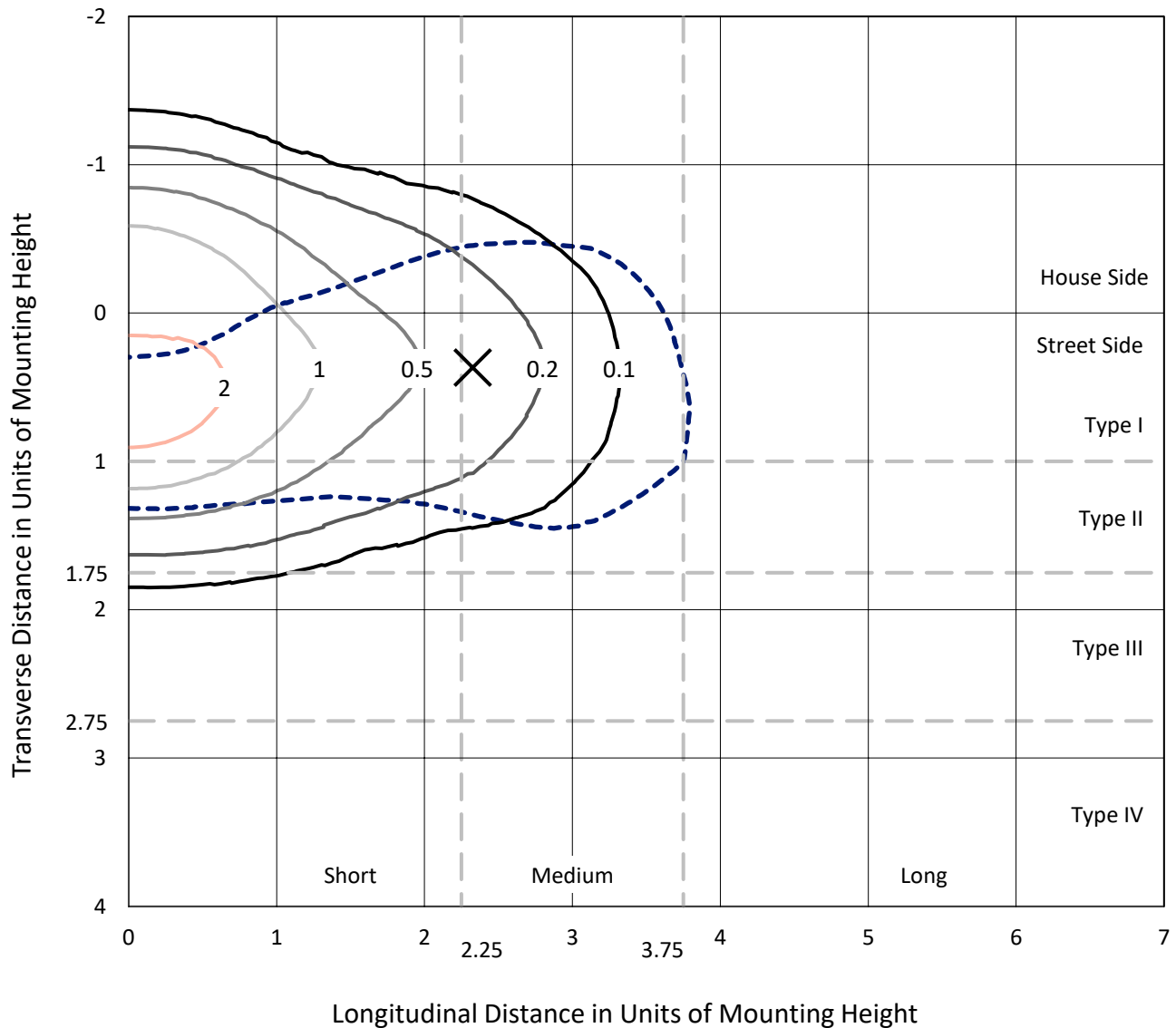
Lumens per Lamp: N/A
Luminaire Lumens: 2492 lumens
Efficiency: N/A
Efficacy: 146.6 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

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

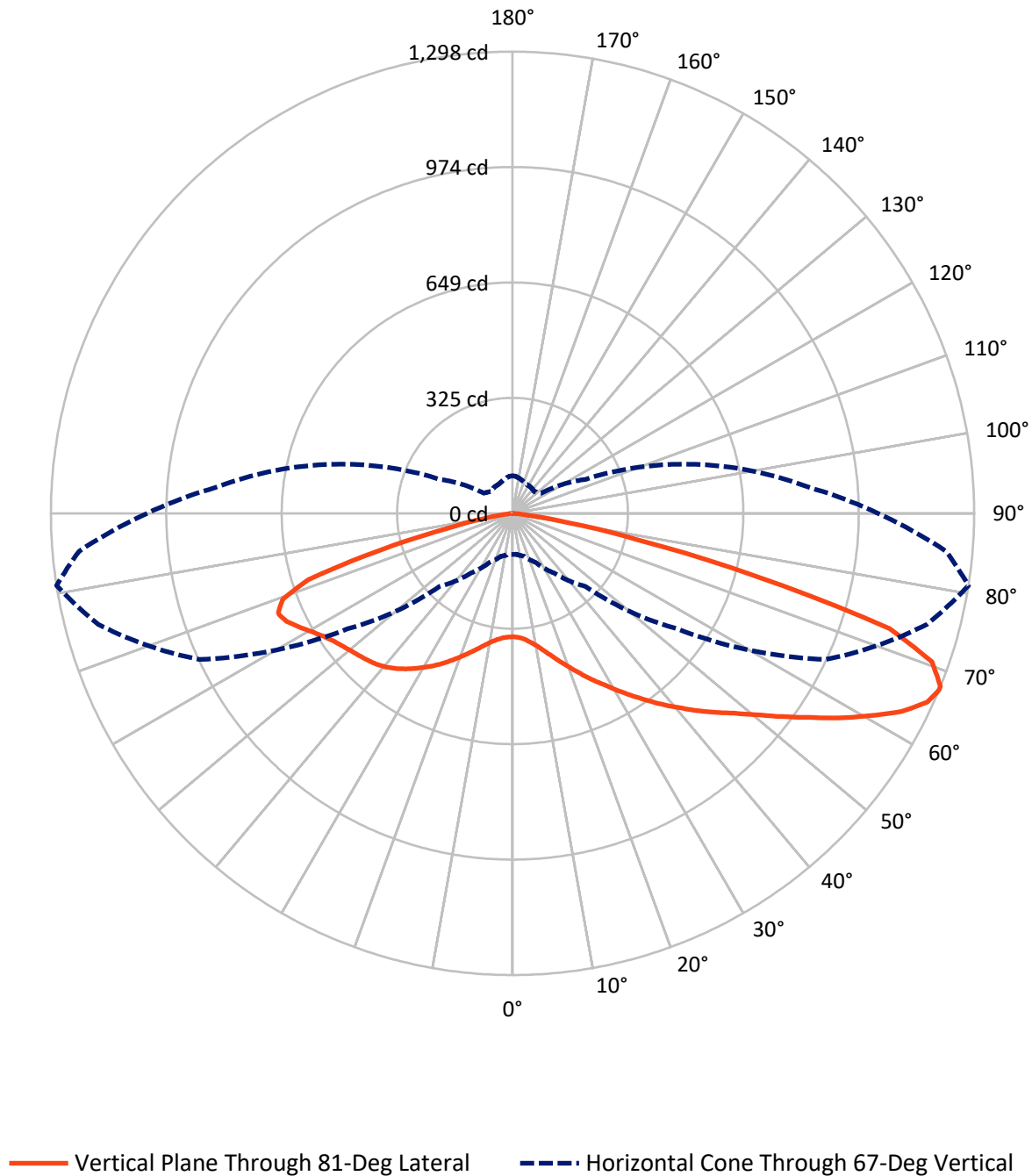
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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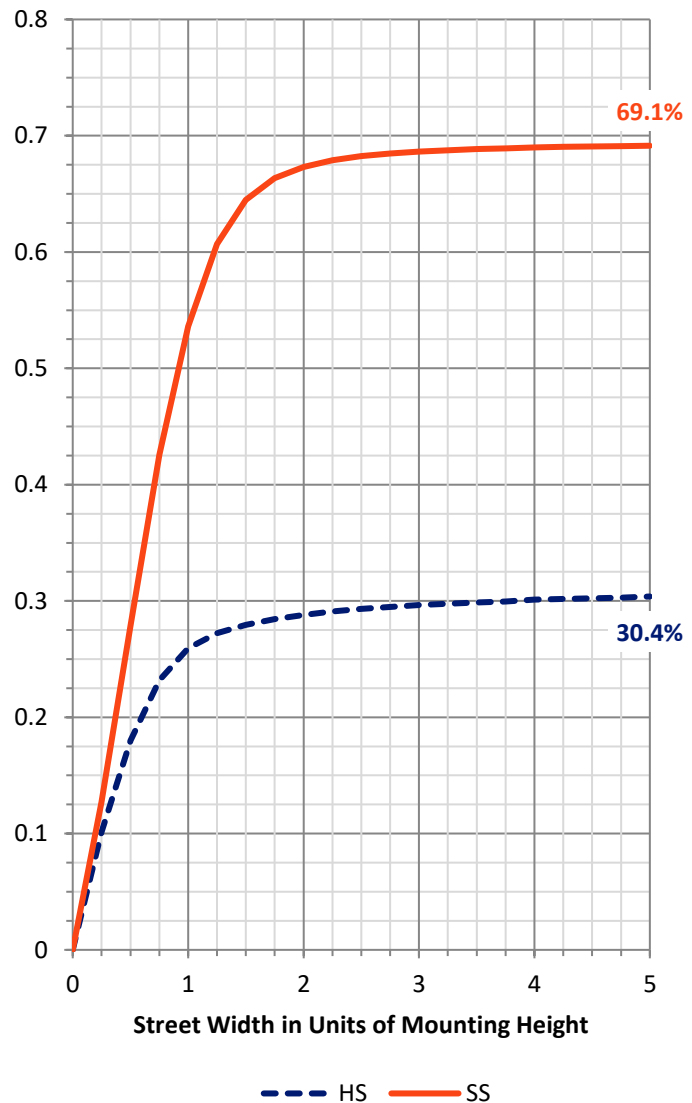
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	769.5	0.0	769.5
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	1722.5	0.0	1722.5
	% Fixture	69.1	0.0	69.1
Total	Lumens	2492.0	0.0	2492.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.0	1.4
10°-20°	130.2	5.2
20°-30°	263.7	10.6
30°-40°	415.8	16.7
40°-50°	510.6	20.5
50°-60°	487.8	19.6
60°-70°	409.0	16.4
70°-80°	216.7	8.7
80°-90°	22.4	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°	2492.0	100.0
0°-180°	2492.0	100.0

Coefficient of Utilization



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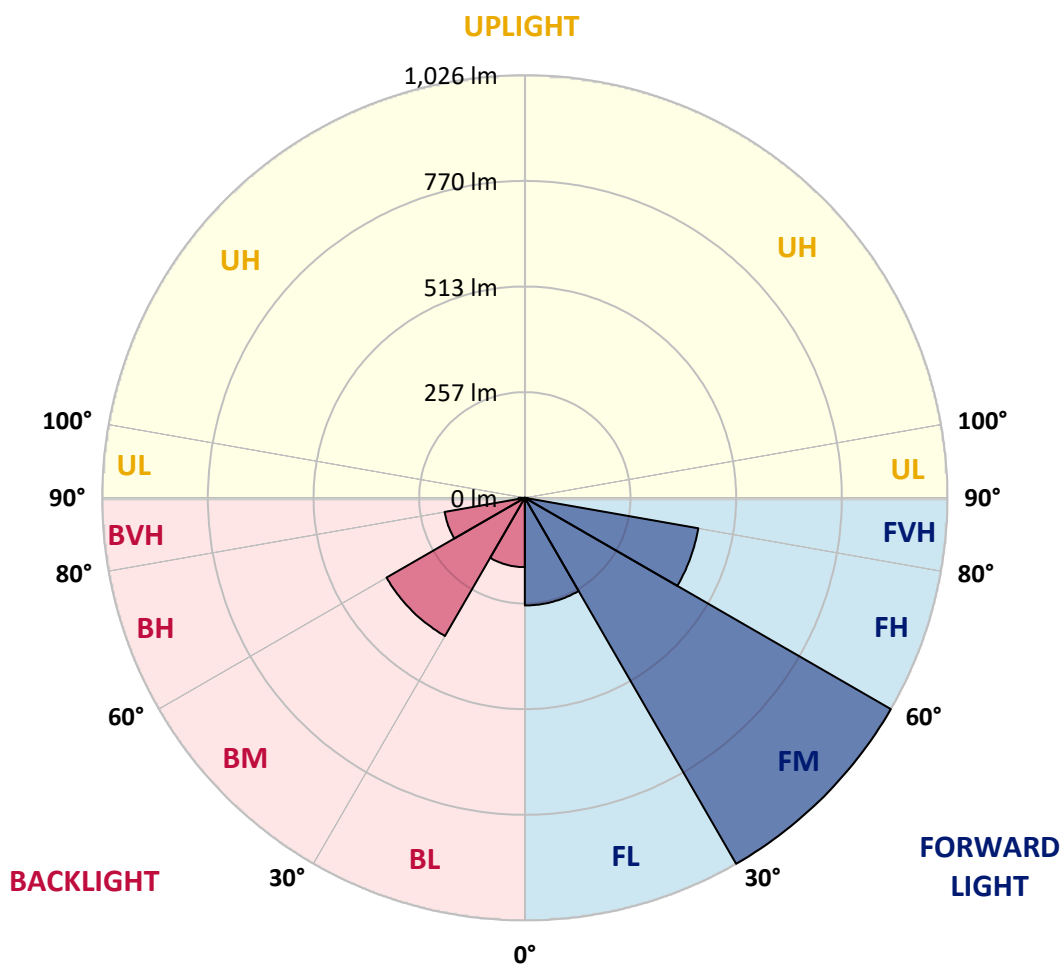
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	261.4	10.5			
FM	(30°-60°)	1026.4	41.2			
FH	(60°-80°)	427.8	17.2			G0/660
FVH	(80°-90°)	7.0	0.3			G0/10
BL	(0°-30°)	168.4	6.8	B1/500		
BM	(30°-60°)	387.7	15.6	B1/1000		
BH	(60°-80°)	198.0	7.9	B1/500		G1/500
BVH	(80°-90°)	15.4	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°	347.1	347.1	347.1	347.1	347.1	347.1	347.1	347.1	347.1	347.1	347.1
2.5°	367.2	368.1	366.2	365.7	363.8	361.0	357.6	355.2	351.4	349.5	348.6
5°	402.0	400.1	398.6	396.2	389.6	383.8	374.3	367.6	360.5	355.7	354.3
7.5°	444.4	445.4	440.6	434.4	424.9	413.4	398.2	385.8	372.4	366.2	363.3
10°	490.7	494.5	489.7	482.1	464.0	446.8	428.2	406.7	388.6	379.1	375.3
12.5°	546.9	549.3	543.1	533.1	511.2	485.4	459.2	432.5	408.6	396.7	390.0
15°	609.9	608.0	601.8	587.0	558.8	530.2	494.5	459.7	431.5	416.7	407.2
17.5°	674.7	672.3	664.2	645.1	613.2	577.4	535.0	491.1	455.8	439.6	426.8
20°	736.7	734.3	728.6	707.1	668.5	624.6	575.1	527.4	483.5	463.5	449.2
22.5°	805.4	803.5	794.4	768.2	726.7	678.5	620.8	564.1	513.5	489.7	472.5
25°	879.7	880.2	870.2	833.5	786.8	730.5	669.9	605.6	547.4	517.4	497.8
27.5°	966.5	966.1	948.9	909.3	850.7	785.8	718.6	649.0	580.8	545.5	523.1
30°	1045.2	1043.3	1024.2	984.7	916.9	844.0	770.1	690.9	618.4	576.5	549.3
32.5°	1103.4	1103.9	1088.1	1044.7	978.5	900.7	818.2	738.1	654.7	609.9	579.8
35°	1145.3	1145.8	1130.6	1093.4	1031.4	953.7	869.3	782.5	695.2	644.2	611.8
37.5°	1158.7	1158.7	1148.7	1119.6	1069.1	1001.3	919.3	833.0	735.7	681.4	644.2
40°	1140.6	1142.0	1141.5	1122.5	1087.6	1034.2	965.6	881.7	781.0	718.1	677.1
42.5°	1099.6	1100.5	1102.0	1094.8	1083.8	1051.9	1002.8	931.2	826.3	758.2	709.5
45°	1031.9	1035.7	1042.8	1045.7	1050.0	1047.6	1025.7	977.5	876.9	798.2	741.5
47.5°	946.0	952.2	961.8	978.9	1002.8	1021.8	1031.4	1013.3	926.0	839.7	777.2
50°	826.8	833.5	859.2	895.0	942.2	979.4	1015.6	1040.0	980.8	890.2	817.3
52.5°	661.8	676.1	719.5	788.2	869.3	924.6	982.3	1052.8	1036.6	949.8	865.0
55°	503.5	508.8	564.6	647.1	772.0	865.4	936.5	1046.2	1089.1	1012.3	919.3
57.5°	351.9	357.6	406.3	496.4	634.7	788.2	890.7	1023.8	1136.8	1085.7	981.8
60°	249.9	256.1	292.3	359.1	493.0	675.7	848.3	995.1	1178.2	1155.4	1053.8
62.5°	181.7	185.0	204.1	260.3	356.2	528.3	787.7	976.5	1207.3	1227.8	1127.7
65°	139.2	142.6	153.5	188.8	263.2	386.2	679.0	976.1	1215.0	1281.2	1191.6
67°	115.9	115.4	124.9	151.6	205.5	290.4	566.9	972.3	1206.4	1298.4	1224.0
67.5°	109.7	111.6	119.2	141.6	194.1	267.5	542.6	966.1	1203.5	1297.9	1226.4
70°	87.3	87.7	94.4	112.1	145.9	194.1	390.5	905.0	1160.1	1251.2	1199.7
72.5°	63.9	63.4	73.4	84.9	111.6	141.1	261.8	760.1	1066.2	1108.6	1066.7
75°	47.2	46.7	52.0	64.8	79.6	105.4	169.8	495.9	721.9	705.2	651.3
77.5°	31.5	32.4	37.2	47.7	56.7	65.3	84.9	228.4	397.7	359.5	346.2
80°	19.1	17.6	21.0	27.2	32.9	33.4	36.2	98.7	170.7	162.6	152.6
82.5°	6.7	6.7	8.1	11.0	11.0	11.0	13.4	23.8	33.9	31.0	29.6
85°	0.0	0.0	0.0	0.0	1.0	1.4	1.0	1.9	3.3	3.8	3.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.5	0.5	1.0	1.4	1.9	1.9
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°	347.1	347.1	347.1	347.1	347.1	347.1	347.1	347.1	347.1	347.1	347.1
2.5°	348.6	348.6	347.1	345.2	344.3	343.8	342.4	340.5	341.9	343.3	343.3
5°	353.3	352.4	349.5	347.6	346.2	346.2	344.3	343.8	345.2	346.7	346.2
7.5°	361.0	359.1	355.7	352.9	353.3	353.8	350.9	350.9	352.4	353.8	353.8
10°	371.4	368.1	364.8	362.4	362.9	363.3	360.5	359.5	361.0	362.4	363.3
12.5°	384.8	380.5	376.7	374.3	373.8	374.3	371.4	370.5	370.5	371.4	371.4
15°	400.5	395.8	391.0	387.7	386.7	386.2	382.4	379.1	379.1	379.6	379.6
17.5°	418.7	412.0	405.8	402.0	399.6	396.2	392.0	387.2	385.8	386.2	386.2
20°	436.8	429.6	421.5	416.3	411.5	405.8	399.1	392.9	390.0	390.0	389.6
22.5°	457.8	448.2	437.3	430.1	421.5	412.0	402.4	394.3	391.5	390.5	390.5
25°	479.2	468.2	452.5	441.5	429.1	415.3	402.9	392.0	387.2	385.3	385.3
27.5°	501.1	488.3	467.8	452.0	433.9	414.8	398.2	384.3	377.6	375.3	374.3
30°	525.9	507.3	481.1	459.7	434.9	410.5	389.1	372.9	362.9	357.1	357.6
32.5°	551.7	528.3	493.5	464.4	433.4	402.4	375.3	354.8	341.9	336.6	334.7
35°	577.9	548.4	504.5	466.8	428.7	390.0	357.6	334.7	320.4	312.8	312.8
37.5°	604.6	569.3	512.1	466.3	420.1	373.8	337.1	312.8	296.1	286.6	284.2
40°	630.8	588.9	517.8	462.5	407.2	354.3	315.2	289.0	266.5	254.1	252.2
42.5°	656.6	605.1	520.7	456.3	392.0	332.8	290.4	255.1	233.6	222.2	221.7
45°	680.0	618.0	521.2	448.2	371.9	308.5	257.0	223.2	201.7	189.8	189.8
47.5°	702.8	632.3	520.7	437.7	350.0	277.0	221.7	188.8	169.3	161.6	159.3
50°	730.5	646.6	520.2	424.9	321.9	239.4	187.4	159.3	142.6	134.9	134.9
52.5°	758.6	663.3	521.2	406.7	288.5	202.7	156.9	132.1	121.1	116.3	115.9
55°	794.9	680.9	523.6	385.3	253.7	166.9	130.7	114.0	106.3	103.9	104.4
57.5°	838.7	705.2	528.3	360.0	213.1	136.8	112.1	103.0	101.1	102.0	102.5
60°	888.8	735.3	535.0	331.4	177.4	114.0	101.1	99.2	101.1	104.9	105.4
62.5°	947.0	771.5	543.6	299.4	142.1	100.1	96.3	97.7	99.2	105.4	105.9
65°	998.5	810.6	545.5	261.8	115.4	91.1	93.5	94.4	98.2	105.4	105.9
67°	1027.6	837.3	532.6	226.0	98.7	86.3	89.6	90.6	97.3	104.4	105.4
67.5°	1030.9	843.0	524.0	217.0	95.4	85.4	88.7	90.6	97.3	104.4	104.9
70°	1020.9	839.2	466.8	163.6	78.7	78.7	82.5	86.8	93.5	101.1	104.4
72.5°	931.7	765.3	361.4	111.1	66.8	71.0	76.8	83.0	89.2	98.2	103.9
75°	588.9	492.6	221.2	74.4	55.8	63.4	72.5	79.6	84.9	91.6	95.4
77.5°	314.7	243.7	95.4	43.9	43.9	56.3	67.2	73.9	76.8	79.2	81.5
80°	148.8	113.5	46.3	26.2	30.5	43.9	59.6	66.8	67.7	70.6	71.5
82.5°	29.6	25.7	15.3	13.8	20.0	31.5	49.6	57.7	58.2	62.9	63.9
85°	3.8	3.3	2.4	5.2	12.9	23.4	38.1	49.6	50.5	50.5	49.6
87.5°	1.9	1.4	1.4	3.8	9.5	17.6	31.5	41.5	42.0	32.9	31.9
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)