

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: LUMARK

Report Number: P290539

Luminaire Tested: **AXCS3A-W-GRF**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P290539
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1901-095-5)
Test Lab: INNOVATION CENTER(G2)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: AXCS3A-W-GRF
Description: 3A AXCENT SMALL LED WALLPACK WITH 3000K CCT AND 80 CRI LEDS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2640.8 lumens
Efficiency: N/A
Efficacy: 98.5 lumens/watt
Luminous Opening: Rectangular (W 0.17' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B1 - U0 - G1

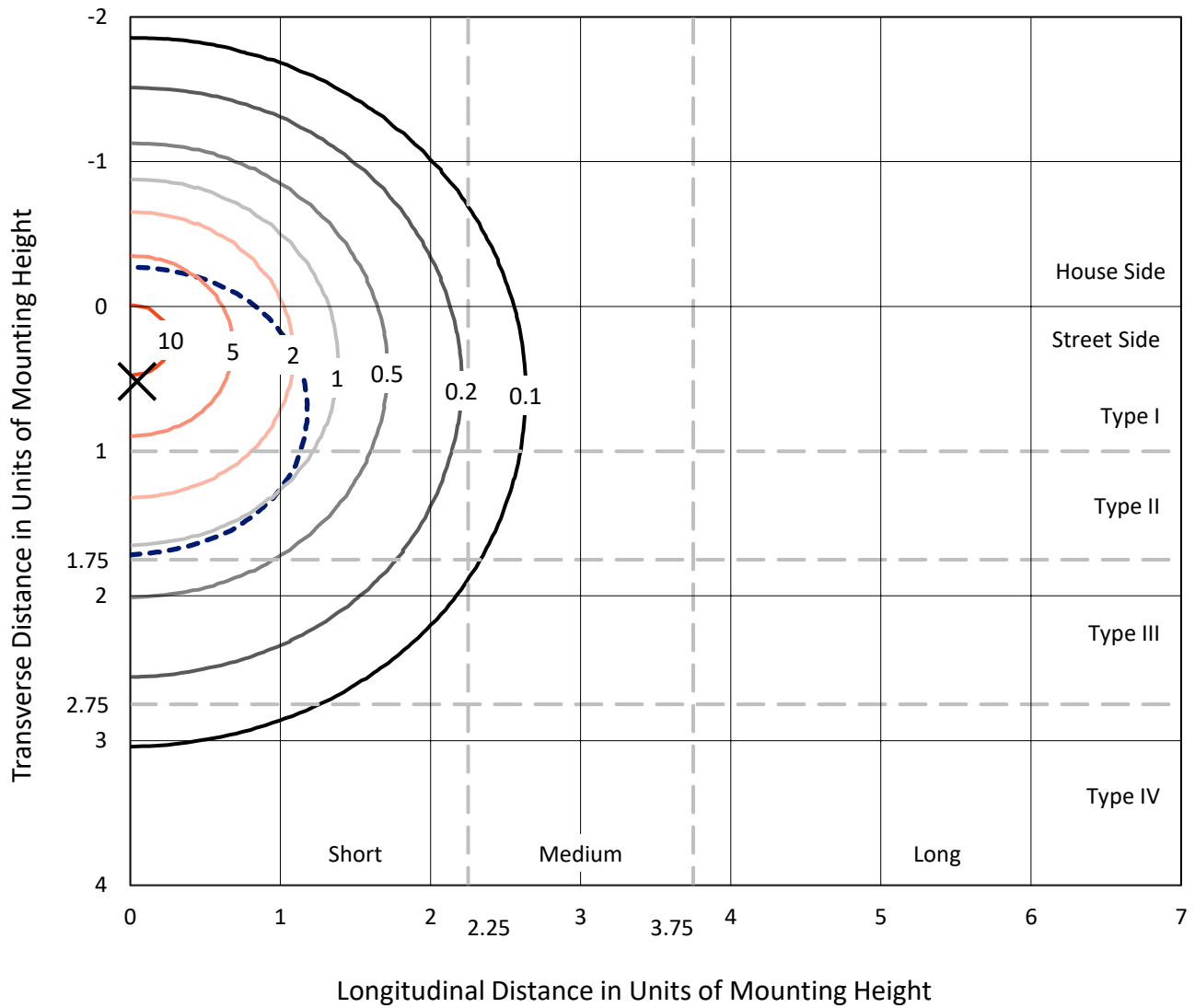
Input Watts (W): 26.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

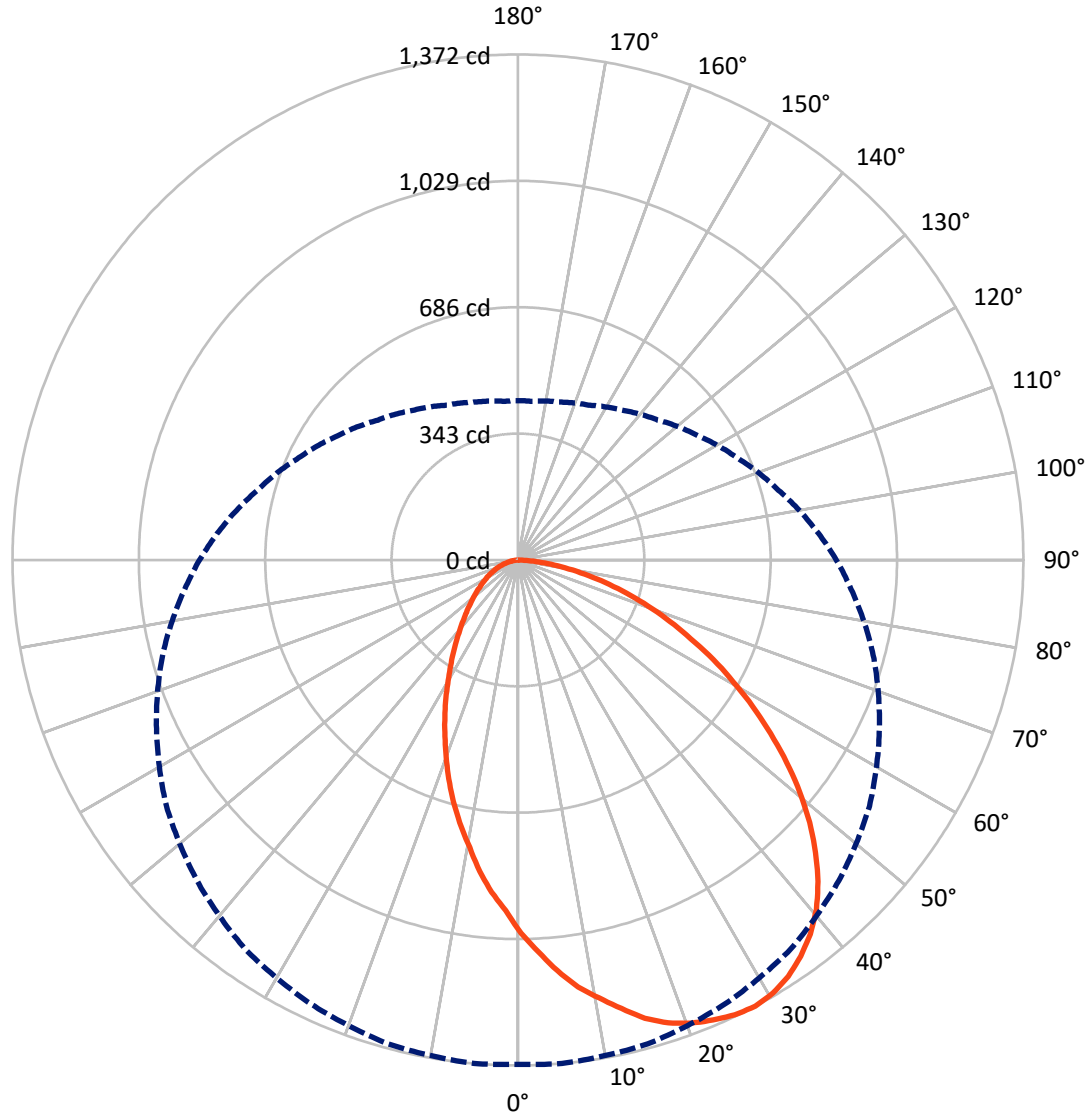
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 11.7 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 5-Deg Lateral - - - Horizontal Cone Through 27.5-Deg Vertical

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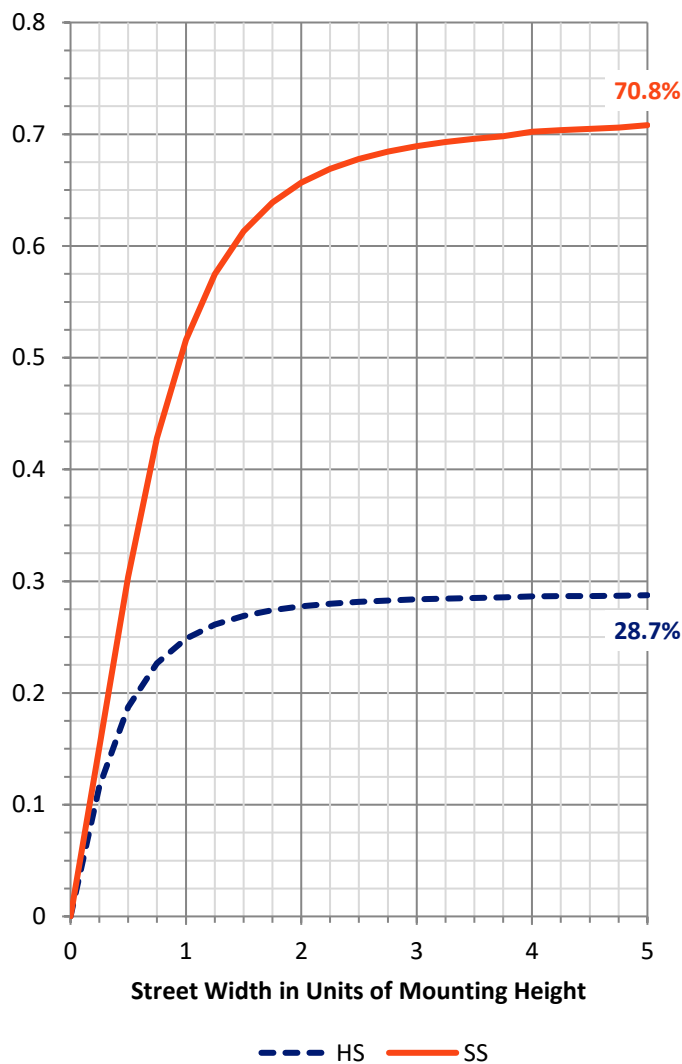
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	765.2	0.0	765.2
	% Fixture	29.0	0.0	29.0
Street Side	Lumens	1875.5	0.0	1875.5
	% Fixture	71.0	0.0	71.0
Total	Lumens	2640.8	0.0	2640.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.1	3.6
10°-20°	276.9	10.5
20°-30°	417.9	15.8
30°-40°	494.7	18.7
40°-50°	491.1	18.6
50°-60°	409.4	15.5
60°-70°	282.2	10.7
70°-80°	143.3	5.4
80°-90°	29.2	1.1
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°	2640.8	100.0
0°-180°	2640.8	100.0

Coefficient of Utilization

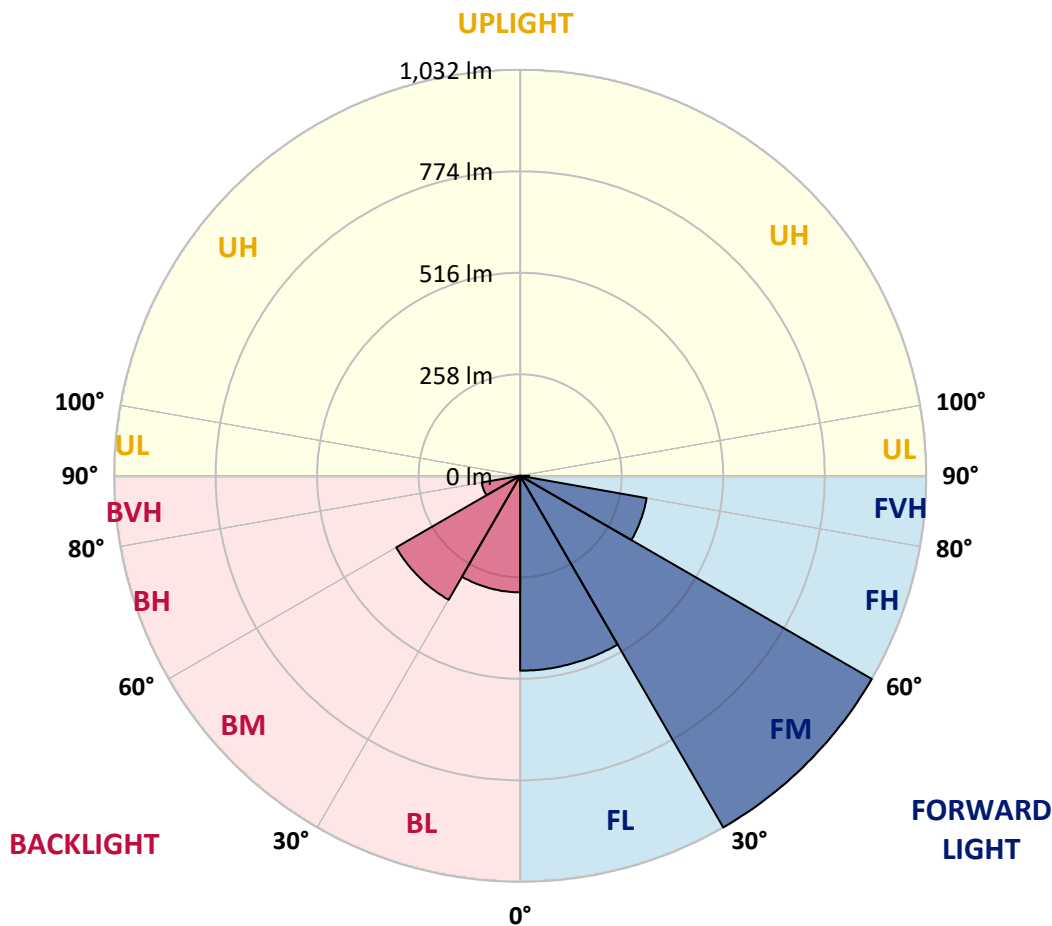


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	495.0	18.7			
FM (30°-60°)	1031.6	39.1			
FH (60°-80°)	326.3	12.4			G0/660
FVH (80°-90°)	22.7	0.9			G1/100
BL (0°-30°)	295.9	11.2	B1/500		
BM (30°-60°)	363.7	13.8	B1/1000		
BH (60°-80°)	99.2	3.8	B0/110		G0/110
BVH (80°-90°)	6.5	0.2			G0/10
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 Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1013.0	1013.0	1013.0	1013.0	1013.0	1013.0	1013.0	1013.0	1013.0	1013.0	1013.0
2.5°	1070.8	1064.8	1062.7	1056.7	1054.6	1048.6	1042.7	1035.1	1026.0	1018.9	1013.0
5°	1124.7	1119.9	1116.6	1109.1	1099.9	1085.9	1074.5	1059.4	1040.0	1024.9	1014.6
7.5°	1174.9	1170.1	1163.0	1149.0	1138.2	1120.4	1101.0	1076.7	1049.2	1025.4	1010.3
10°	1212.2	1208.9	1200.3	1184.6	1169.5	1144.7	1118.8	1086.9	1051.3	1016.2	999.0
12.5°	1252.6	1249.4	1239.1	1221.9	1199.7	1170.1	1138.2	1098.3	1055.1	1010.8	987.6
15°	1293.6	1290.9	1280.2	1259.6	1232.7	1199.2	1158.2	1110.2	1058.3	1005.5	977.9
17.5°	1323.9	1321.2	1311.5	1287.7	1259.1	1218.1	1171.1	1116.6	1054.6	993.0	962.3
20°	1345.5	1342.2	1332.5	1305.5	1273.7	1228.9	1173.8	1112.3	1042.7	975.2	940.7
22.5°	1356.8	1356.3	1347.1	1316.9	1282.3	1232.7	1173.8	1104.8	1029.2	955.8	916.9
25°	1365.4	1367.6	1356.8	1325.5	1289.9	1233.7	1171.1	1095.0	1015.7	932.6	891.6
27.5°	1368.7	1371.9	1360.0	1329.8	1289.9	1231.6	1164.7	1082.6	998.4	907.8	864.1
30°	1361.6	1364.3	1351.9	1323.9	1281.2	1221.9	1149.0	1063.7	974.1	878.1	831.7
32.5°	1343.8	1347.6	1333.6	1306.6	1264.5	1202.4	1128.0	1037.8	945.0	845.2	796.6
35°	1321.2	1321.2	1309.3	1283.9	1240.8	1176.5	1101.5	1008.7	912.1	807.9	758.8
37.5°	1286.6	1288.8	1276.9	1253.2	1209.5	1144.7	1069.1	975.8	875.9	770.7	720.5
40°	1244.5	1247.2	1234.8	1213.2	1170.6	1109.1	1028.7	938.0	834.9	730.2	680.6
42.5°	1197.6	1194.3	1185.7	1163.0	1122.0	1062.7	982.2	893.2	791.7	687.6	637.9
45°	1136.6	1132.8	1126.9	1102.1	1067.0	1007.6	933.1	844.1	743.7	641.7	593.7
47.5°	1071.8	1065.4	1061.6	1038.9	1005.5	948.8	875.9	789.0	694.0	595.8	550.5
50°	995.7	992.0	983.9	968.2	936.9	887.3	811.7	733.4	639.5	547.8	505.7
52.5°	917.5	913.7	906.7	893.7	864.1	818.7	749.1	675.2	588.8	500.3	460.9
55°	838.7	832.2	826.3	816.6	790.1	745.3	687.6	615.3	535.4	455.0	418.3
57.5°	756.7	751.8	746.9	738.3	714.6	676.8	621.2	555.3	483.0	409.6	376.2
60°	676.2	671.9	668.1	661.1	639.0	605.5	555.9	496.0	429.1	367.0	335.2
62.5°	597.4	595.8	590.4	584.5	564.0	535.9	491.1	438.2	381.6	323.8	295.8
65°	520.8	514.9	515.9	511.1	492.7	467.9	428.0	381.0	334.1	282.8	258.0
67.5°	446.9	445.2	440.4	436.6	423.7	402.1	367.0	327.6	288.2	243.4	221.8
70°	375.6	375.1	371.8	368.1	356.7	338.9	309.8	276.9	241.2	205.1	187.3
72.5°	308.2	307.6	304.4	301.7	292.0	278.5	256.9	227.2	200.8	168.9	156.0
75°	245.0	244.5	241.2	239.1	232.1	221.8	204.5	180.3	159.7	133.8	123.1
77.5°	185.1	185.1	184.6	180.8	175.4	167.3	154.9	137.6	119.8	100.9	93.4
80°	130.1	129.0	129.0	126.3	122.0	117.1	107.9	96.6	84.2	70.7	65.8
82.5°	82.0	81.5	81.0	78.8	76.1	73.4	67.5	60.4	52.9	44.3	41.0
85°	41.6	41.6	41.0	39.4	37.8	36.7	32.4	30.2	26.4	22.1	20.5
87.5°	12.4	11.3	12.4	11.3	10.8	10.8	9.2	8.6	7.6	5.9	5.9
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):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1013.0	1013.0	1013.0	1013.0	1013.0	1013.0	1013.0	1013.0	1013.0	1013.0
2.5°	1008.1	995.7	985.5	974.7	967.7	959.6	958.5	953.6	952.0	948.8
5°	1005.5	982.2	966.6	947.7	933.7	919.6	913.7	907.2	904.5	899.1
7.5°	997.4	965.0	940.7	914.8	893.7	875.4	866.2	855.4	851.6	848.9
10°	981.2	941.2	908.3	874.8	847.9	825.7	811.7	798.7	791.2	791.7
12.5°	966.1	918.6	878.6	837.1	805.2	777.7	760.4	746.4	739.9	738.8
15°	951.5	895.4	848.4	802.0	762.6	735.6	711.9	695.7	688.1	689.7
17.5°	931.0	867.3	813.9	762.6	719.4	687.0	660.6	644.9	634.1	630.4
20°	906.1	834.9	773.9	719.4	673.0	634.7	606.6	590.4	579.6	576.4
22.5°	877.5	800.9	734.5	675.2	624.4	585.0	555.9	538.1	527.8	524.0
25°	848.4	766.4	695.7	633.1	581.3	538.1	507.9	489.0	478.7	473.9
27.5°	819.3	731.8	656.3	591.5	537.0	496.0	463.1	443.6	432.3	432.3
30°	784.2	694.0	616.3	549.4	493.8	453.3	419.3	399.9	386.4	388.6
32.5°	746.9	654.1	575.9	508.4	452.3	411.8	377.8	358.9	347.0	344.3
35°	709.2	615.3	536.5	467.9	413.4	371.3	340.5	321.7	310.9	308.7
37.5°	670.8	576.4	497.1	430.1	376.7	336.2	306.5	288.2	278.5	278.5
40°	630.9	535.9	459.3	394.5	341.6	303.8	275.8	258.5	248.8	248.8
42.5°	589.3	497.6	423.1	359.4	309.8	275.2	248.3	232.1	222.4	222.4
45°	546.2	459.3	386.4	327.6	280.6	246.6	222.4	206.7	199.1	199.7
47.5°	504.1	422.0	353.0	297.4	254.2	222.4	199.7	185.7	178.6	178.1
50°	463.1	384.3	322.7	269.3	229.4	200.8	179.7	166.8	159.7	159.7
52.5°	421.5	349.2	292.0	242.9	206.2	180.8	161.4	149.5	143.0	143.0
55°	381.0	315.2	262.8	218.6	186.7	161.9	144.6	133.3	127.4	127.4
57.5°	342.2	282.3	235.8	195.4	166.8	145.7	127.9	118.7	113.9	113.3
60°	304.9	251.5	210.5	173.8	148.4	128.4	113.9	105.8	100.9	100.9
62.5°	269.3	221.8	184.6	153.8	130.1	113.3	100.9	93.9	90.1	89.6
65°	234.8	193.8	161.4	134.4	113.9	99.3	88.5	81.5	78.3	78.3
67.5°	201.8	167.3	138.7	114.4	98.2	85.8	76.6	70.7	67.5	68.0
70°	170.5	138.7	116.6	97.1	83.1	72.3	64.8	59.9	57.7	57.2
72.5°	139.8	115.0	95.5	80.4	68.5	59.9	54.0	49.7	48.0	47.5
75°	110.1	90.1	75.6	63.7	54.5	47.5	42.6	39.4	38.3	37.8
77.5°	83.1	66.9	56.1	48.0	41.0	36.2	32.4	29.7	28.6	28.6
80°	57.7	45.3	38.9	33.5	28.6	25.4	22.7	20.5	20.0	20.0
82.5°	35.1	27.0	23.2	20.5	17.8	15.7	13.5	12.4	12.4	11.9
85°	16.7	12.4	11.3	9.7	8.1	7.0	6.5	5.9	5.4	5.4
87.5°	4.3	3.2	2.7	2.2	1.6	1.6	1.1	1.1	1.1	1.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)