

Special

The Fixture Circle

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Idea: <https://www.facebook.com/groups/Avolites/permalink/1848601835272042/>

How to arrange your fixtures like on a circle truss:

- download [fixturecircle.xlsx](#)
- open it in MicroSoft Excel
- enter base values
 - Number of fixtures per full circle
 - Base X/Base Z as center of the circle
 - Base orientation as how your fixtures would be orientated normally
 - Radius: the size of the circle
- the cells below show the values for X-Pos, Z-Pos and Y-Rot. Enter them as capture values. Your fixtures are now arranged in a circle.

Update - See below for a mobile friendly HTML version

Fixture	X-Pos.	Z-Pos	Y-Orient
1	0,00	8,00	0
2	1,41	5,41	45
3	2,00	4,00	90
4	1,41	2,59	135
5	0,00	2,00	180
6	-1,41	2,59	225
7	-2,00	4,00	270
8	-1,41	5,41	315
9	0,00	8,00	0
10	1,41	5,41	45
11	2,00	4,00	90
12	1,41	2,59	135
13	0,00	2,00	180
14	-1,41	2,59	225
15	-2,00	4,00	270
16	-1,41	5,41	315
17	0,00	8,00	0
18	1,41	5,41	45
19	2,00	4,00	90
20	1,41	2,59	135
21	0,00	2,00	180
22	-1,41	2,59	225

Excel Spreadsheet



Result: fixtures arranged in a circle

HTML version

Alternatively here is an HTML version which you can also use without Excel:

<https://www.avolites.de/downloads/fixturecircle>

You can also use it here:

From: <https://avosupport.de/wiki/> - AVOSUPPORT

Permanent link: <https://avosupport.de/wiki/tricks/fixturecircle?rev=1587132536>

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