

QuickDisc

The QuickDisc is a simple and useful tool for the determination of exposure compensation when photographing small objects with large format cameras. The use of the QuickDisc involves no calculation, it is lightweight, easy to replace and free for personal use. It consists of two pieces of cardboard: the disc, and the measuring strip.

xt +f-stop	
1,1	0,2
1,2	0,3
1,3	0,4
1,4	0,5
1,5	0,6
1,6	0,7
1,7	0,8
1,9	0,9
2,0	1,0
2,1	1,1
2,3	1,2
2,5	1,3
2,6	1,4
2,8	1,5
3,0	1,6
3,2	1,7
3,5	1,8
3,7	1,9
4,0	2,0

Quick Disc
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Glue this print-out on a piece of cardboard, and cut out the measuring strip and the QuickDisc along the borders. Now the Quickdisc is ready to use!

How to use the QuickDisc:

1 • Put the circular QuickDisc next to the object you want to photograph. It doesn't matter if the disc is not perpendicular to the optical axis. Due to the round shape of the QuickDisc, the full diameter is visible in every orientation. (That is what the QuickDisc is all about!)

2 • Measure the largest visible diameter of the image of the QuickDisc with the scale. The measuring scale is tabulated in tenths of an f-stop. The left column, named xt gives the correction factor, the exposure time has to be multiplied by this factor to get a correct exposure. The right column gives the correction value in f-stops. Example: When an object is photographed at life size (1:1) the exposure time has to be increased four-fold **OR** the aperture has to be opened by two stops. Be aware, that increasing the exposure time above the limits given by the film manufacturer will result in reciprocity failure and must be compensated according to the technical specifications of the film.

3 • Don't forget to remove the QuickDisc before taking the picture!

The QuickDisc project is © Philipp Salzgeber (<http://www.salzgeber.at/disc/>)