

## HOW TO SET UP KOEHLER ILLUMINATION

## 3 minutes to optimize your image quality



## www.leica-microsystems.com



Field Diaphragm (FD)

Aperture Diaphragm (AD)



Do not use the AD to adjust the illumination intensity. Opening the diameter of the AD to about 2/3 of the back focal plane will result in an optimal contrast and resolution for many samples (this can be checked by removing an eyepiece and looking into the tube). Highest resolution will be achieved when the diameter of the AD matches the diameter of the back focal plane. Opening the AD larger than the back focal plane will lead to unwanted stray light. A smaller AD results in lower resolution, higher contrast, and an extended depth of view, this may bring unwanted particles into focus.