

## Re: Nikon Objective 2x/0.05 with Iris Diaphragm

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- *From:* "NoSpam" <NoSpam@xxxxxxxxxxxx>
  - *Date:* Fri, 02 Jun 2006 14:05:19 GMT
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Dear Group,

Of the various explanations given in response to my original question regarding the function of an iris diaphragm on a Nikon Objective of 2x/0.05 I think that of Ron is the best.

I looked into various old Nikon literature and I did find mention of a "low-power condenser with a numerical aperture of 0.32 for use with low power macro-objectives, e.g. 1.2x, 2x and 3x plan achromats".

Thank you for your answers

G.R.

"Ron Wickett" <rwickett@xxxxxxxxxxxx> wrote in message  
[news:umMfg.44954\\$Lm5.23456@xx](mailto:news:umMfg.44954$Lm5.23456@xx)

There was a 1.2x, 2 and 3x and a special low power condenser to fill the large field that had no diaphragm ,so the objective diaphragm was most likely primarily for contrast control.

"NoSpam" <NoSpam@xxxxxxxxxxxx> wrote in message  
[news:0P6fg.12543\\$U\\_2.6913@xxxxxxxxxxxx](mailto:news:0P6fg.12543$U_2.6913@xxxxxxxxxxxx)

Hallo,

I own a Nikon objective 2x/0.05 for a 160 mm tube with a long working distance.

The objective also has an iris diaphragm.

Can anybody tell me the purpose of the diaphragm?

Thank you

G. R.

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