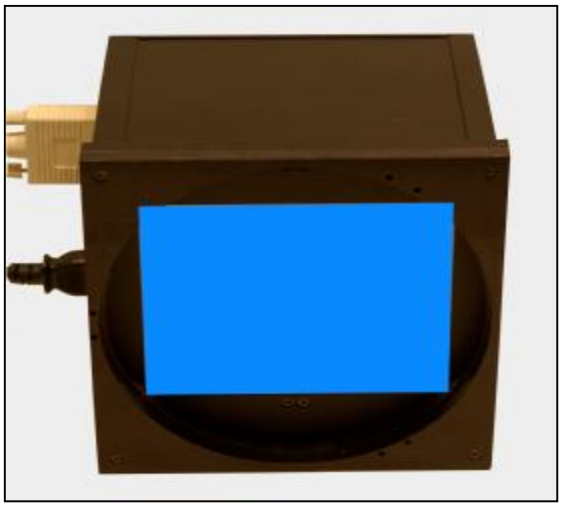
SPLITGRADE
LED coldlight source

New Technology for your existing enlarger



Do you want a Splitgrade system but your enlarger is not yet supported? Are you happy with your enlarger and don't want to change it? Maybe it's an older condenser enlarger but still working well. Or are you unhappy about losing the ability to print colour after modifying a colour head to work with the Splitgrade system?
Here is our solution: Simply replace the complete light source of your enlarger with our brand new cold light source. This works independently of your existing light source type, even a condenser enlarger can be equipped with the latest modern Heiland cold light source.

Instead of the usual neon tubes, our system uses hundreds of super bright LED´s in 3 colours (blue, green and red) leading to several advantages like

- **No light drift – stable light from the first millisecond of exposure.**
- **Near white light for focussing purposes**
- **Insensitive to mechanical shock**
- **Can be adapted in size to your invividual enlarger**
- **Emits paper safe red light to target burn in areas**

With only 25% of the power consumption of traditional halogen tungsten light sources, our light source produces an equivalent light intensity. No fan is needed.

The light falloff in the corners of the negative is eliminated with our light source. The life time of the LED´s is several thousand hours, no replacement of LED´s is expected.

The cold light source is controlled directly by the Splitgrade controller; existing controllers can be used by simply updating the software.

We adapt the size of the light source for your existing enlarger, at the moment we offer three sizes for

- 35mm negatives
- up to 6x9 negatives
- up to 4x5 inch negatives

Other sizes could be produced on demand – please contact us.