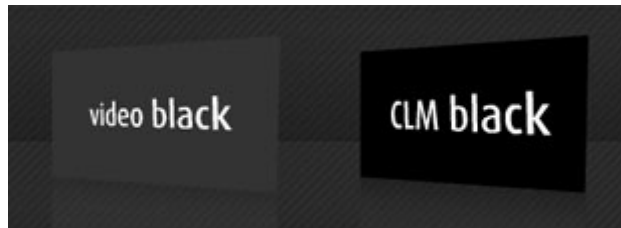


# Bye, bye, video black

The CLM series projectors ([CLM R10+](#), [CLM HD8](#)), has the unique ability to dissolve the image from full brightness to a true black state. That's right; **no more "video black"**.



Anyone who has used a LCD or DLP projector in a very dark environment knows that video black is not really black but a dark and very visible grey rectangle.

This is a major problem in applications such as theatres and other performing arts spaces, where darkness often matters as much as visibility. Scene changes typically happen during short blackouts.

If such a stage uses projection, the "dark" state of the projectors emits enough light to make the activity on stage quite visible. Barco DLP projectors have always been fitted with dark shutters to avoid this, but with the CLM series projectors, we are taking this to a new level.

Our CLM series projectors have a **true gradient shutter mechanism** that allows smooth brightness control from **0 to 100% brightness**. This control is independent and consistent regardless of what type of projection lens used; a major advantage over external mechanical shutters. The control of this shutter is by the DMX512 protocol, allowing the CLMs to be controlled from a show- or lighting control system.

But we did not stop there...

The CLM series projectors also give you the opportunity to use **DMX512** to control zoom, focus, lens shift, input selection as well as digital contrast and brightness.

With the CLM series of projectors, you're really in control of the image.

Click [here](#) for more info on the CLM series of projectors.