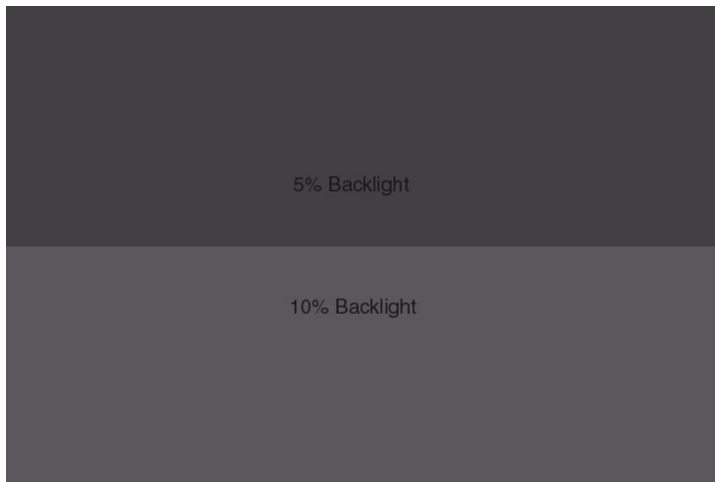


IDEAL-LUME ADJUSTMENT TIPS

The Society of Motion Picture and Television Engineers (SMPTE) recommends that ambient lighting be no brighter on the wall behind the display than 10% of the brightest white produced by **a television that has been adjusted for dark room viewing**. A low cost and simple means for determining what 10% is, can be accomplished by using video test patterns displayed on the TV screen. Most popular DVDs offered for home theater setup and calibration have such patterns included in their programs. Here are examples:



This pattern is from 'Digital Video Essentials' by Joe Kane Productions.



This one is from 'Avia Guide to Home Theater' by Ovation Multimedia.

We carry several versions of these two programs in our online store. There are also tutorial instructions in these programs that explain how to adjust the contrast and brightness controls of your TV for dark room viewing conditions. Once your TV is adjusted for a darkened room, you can simply compare the amount of illumination on the wall by eye to that in the test pattern.

Turning the rotating baffle tube on your light will block various amounts of illumination and also serves to aim the illumination. Rotating the entire fixture can also help adjust the illumination reaching the wall. If the color of the wall behind the TV is unusually dark, more illumination can be produced by removing the light block film from the tube, or trimming it and re-inserting it into the tube. We recommend keeping the clear tube on the lamp (bulb), as it provides some color correction for the lamp, making it more accurate (CIE D65).