



### **The advantage of a blue tinted backlight.**

**QUESTION:** Why is blue tinted backlight better?

**ANSWER:** Due to the physiology of the human eye, a blue tinted backlight is better for medical diagnoses. The human eye is more sensitive to the color blue in a dark environment, thus allowing one to better perceive differences in contrast within dark objects in an image. The resolution may also appear better because the blue color controls the iris. A smaller iris results in fewer lens errors.