



plasma **Enhancer™**

TrueLife Guideline

TrueLife enhancement uses non-linear algorithms to enhance the small details and color in images, and improve depth perception by sharpening large edges without introducing visual artifacts or distortion. The overall result is a richer, more pleasing, high-definition-like picture.

There are eight TrueLife parameters for adjustment:

- **DETAIL EFF**
 - Sets level of horizontal detail enhancement
- **DETAIL THS**
 - Sets threshold point for introduction of horizontal detail enhancement
- **LUMA EDG EFF**
 - Sets level of horizontal edge luma enhancement
- **LUMA EDG THS**
 - Sets threshold point for introduction of horizontal edge luma enhancement
- **CHROMA EDG EFF**
 - Sets level of horizontal edge chroma enhancement
- **CHROMA EDG THS**
 - Sets threshold point for introduction of horizontal edge chroma enhancement
- **V LUMA EDG EFF**
 - Sets level of vertical details enhancement
- **V LUMA EDG THS**
 - Sets threshold point for introduction of vertical detail enhancement

Here is the equation for the different between EFF and THS

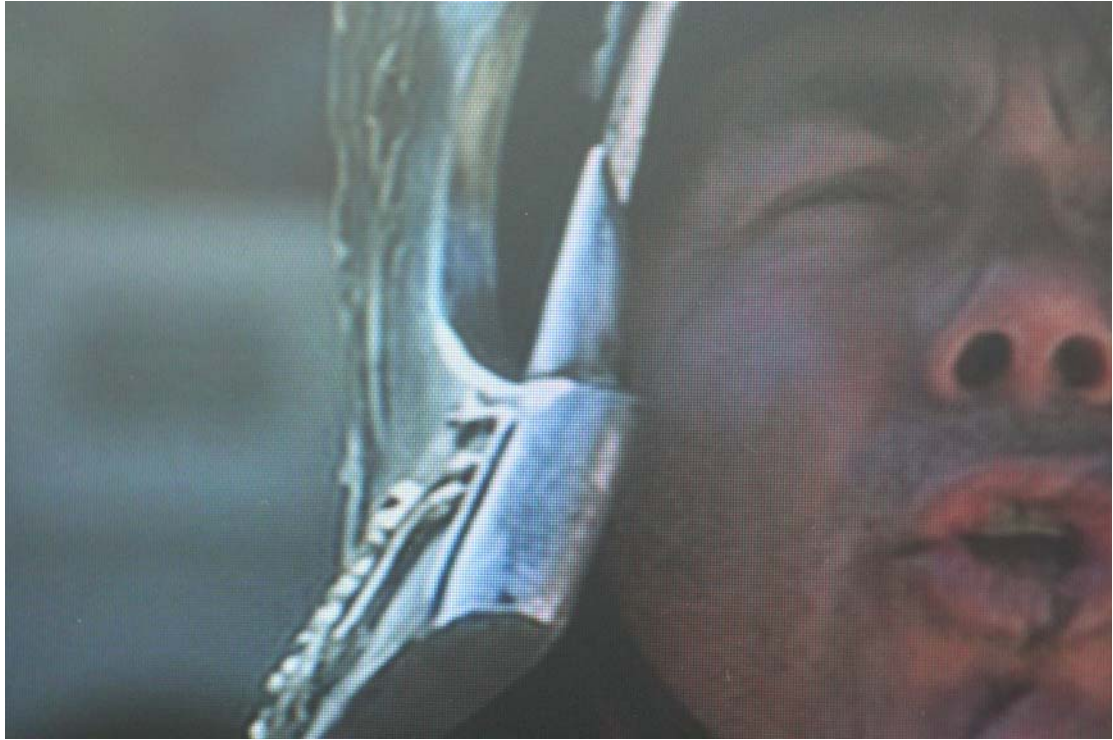
If((original image pixel x, y information) > THS)

(New Image pixel x, y information) = (original image pixel x, y) X EFF

else

(New Image pixel x, y information) = (original image pixel x, y)

Here are some screenshot for Luma Edge Eff adjustment. (Gladiator DVD)



Luma Edge Eff = 0



Lunm Edge Eff = 40



Luma Edge Eff = 0



Luma Edge Eff = 40

* Luma edge eff can increase the metal feeling in Gladiator DVD.

Please try different combinations on your favorites DVD disc to see the TrueLife effect.