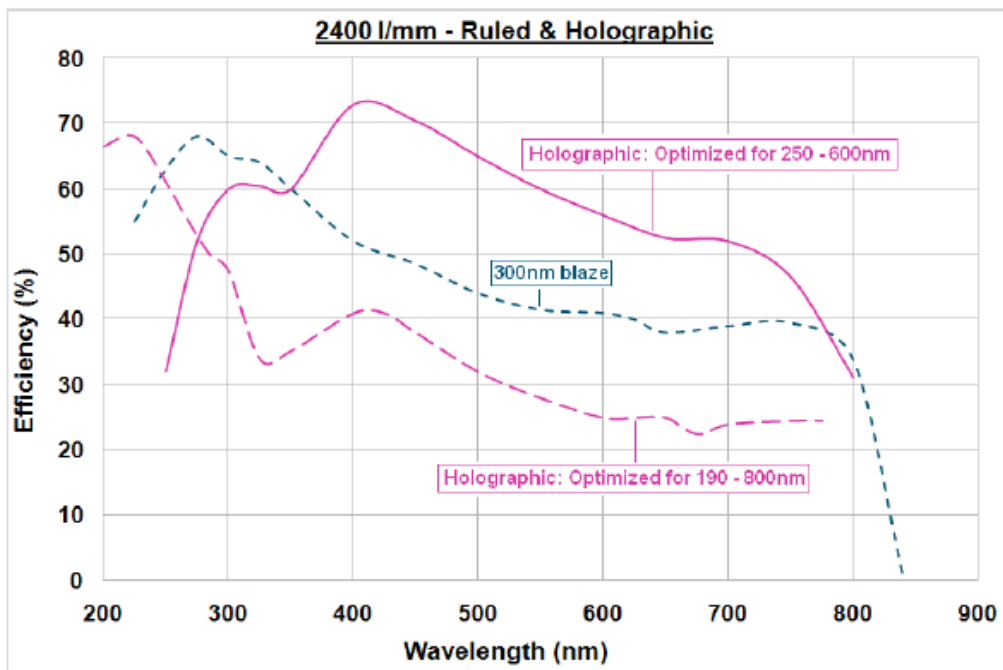


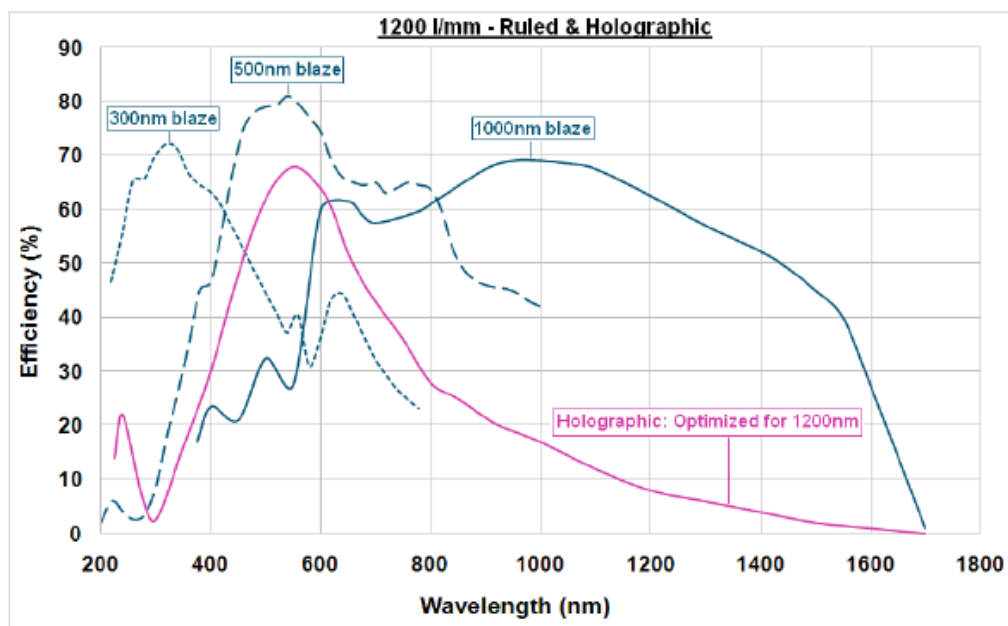
Shamrock SR500 Grating Efficiency Curve

3/10/2009 李建儒

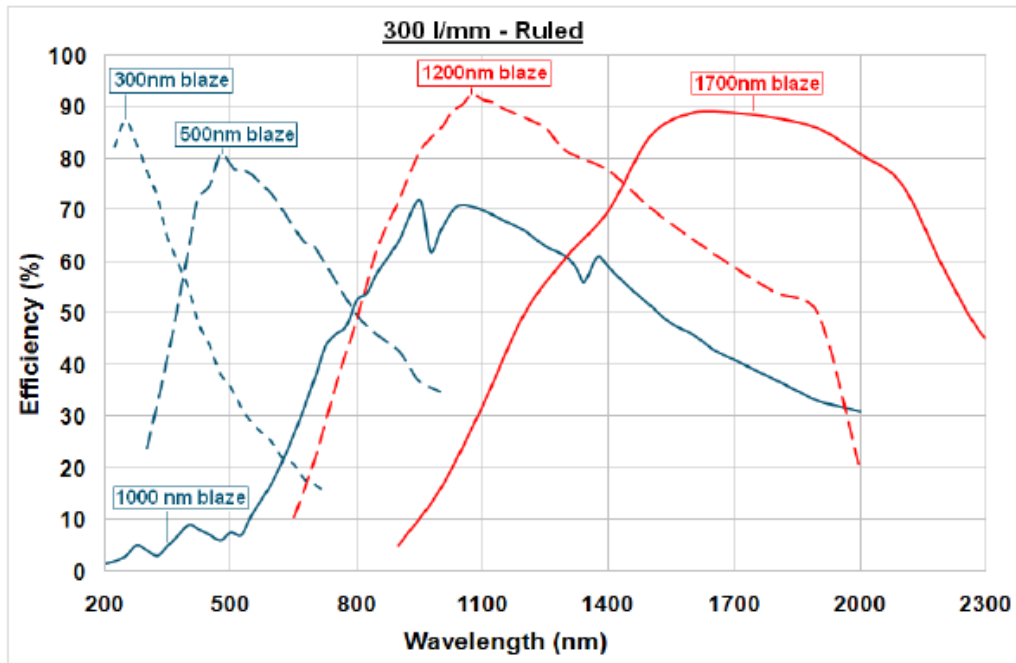
SR5-GRT-2400-300 (for UV-VIS range)



SR5-GRT-1200-500 (for VIS-NIR range)

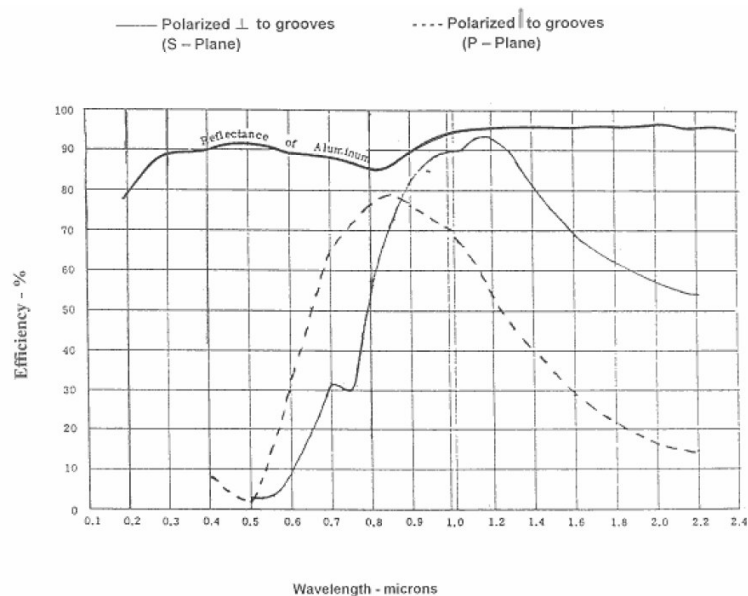


SR5-GRT-300-1000 (for NIR-IR range)



SR5-GRT-0600-1000

Typical efficiency data



Note: Efficiency curves shown are relative (not absolute), are only representative, and can vary significantly depending on use geometry and measurement technique. Efficiency measured in an in-plane near Littrow configuration unless otherwise indicated in the "Remarks" at left. Two masters with the same catalog number may have different efficiency curves. The uncertainty band on the data in the above relative efficiency curve(s) is \pm three percentage points. Maximum Ruled Area is expressed as $L \times W$, where L is the length of the grooves and W is the ruled width.

- Goes out to $\sim 2.2 \mu\text{m}$ and shows what efficiency might be typically expected
- QE of DU491A-2.2 drops off rapidly beyond $2.2 \mu\text{m}$