

## SELGUIDE® by NSG Group

### Applications:

Contact Image Sensor (CIS)  
Image Scanner  
Digital PPC  
Facsimile



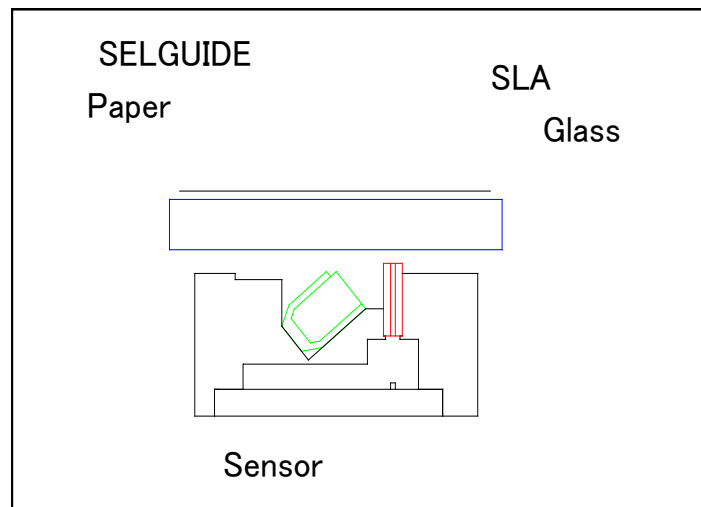
### Features:

High Luminance	High Uniformity
Full Color (RGB switching)	Energy efficient

### Description:

Go!Foton provides the NSG SELGUIDE®, a light source for image scanning, developed by NSG based on its proprietary optical technology. It provides high intensity and uniform light emission with a smaller number of LED's used to achieve low power consumption. It is the best choice available as a light source for contact images sensors. The color SELGUIDE® ensures sharp, full color reproduction through sequential switching of ultra-high intensity LED chips in three primary colors.

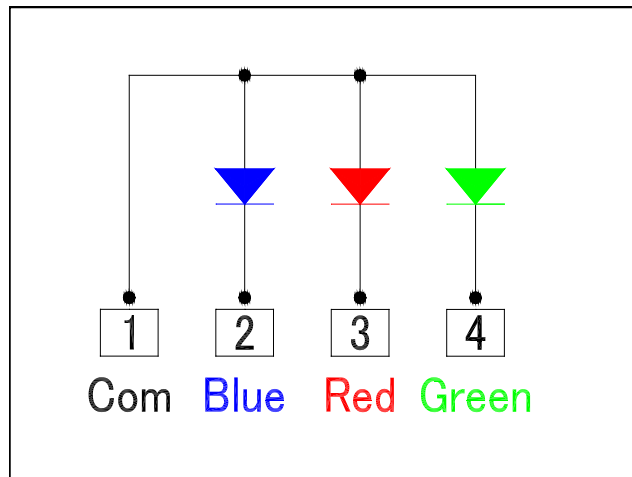
### Recommended structure of CIS:



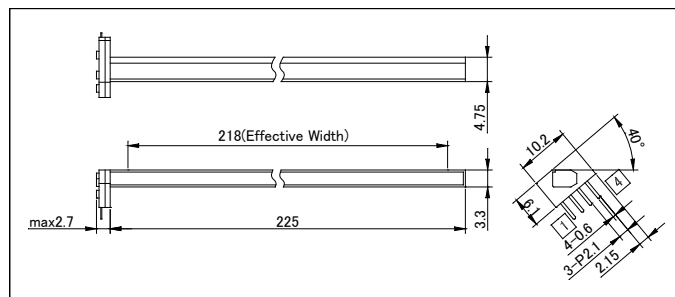
## Specifications Color (R,G,B) standard type :

		Standard		Bright
Power of Illuminance ( $\mu\text{W}/\text{mm}^2$ )		Red	0.8	2.1
	typ.	Green	1.3	2.2
	$I_f=20\text{mA}$	Blue	3.0	4.0
Uniformity of Illuminance (%)	Each Color	$\leq 23$		$\leq 23$
Peak Wave Length (nm)	Red	630		630
	typ.	Green	520	525
		Blue	465	465
Forward Voltage (v)	Red	2.0		2.1
	typ.	Green	3.0	3.2
	$I_f=20\text{mA}$	Blue	3.0	3.1

## Wiring Instructions:



## Structure ; Standard A4 size:



- \* A3 size is available
- \* White LED type and IR LED type is available
- \* Specifications subject to change without notice
- \* Selguide is a registered trademark of NSG

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