



Light Ports Inc. CIE Y Detector

萊普士光電科技 視函數偵測器

- 與人眼響應曲線誤差， $f1'$ ，小於 3%。
- 大受光面積 ($\Phi=10\text{mm}$)，響應度高 ($\sim 20\text{nA/lux}$)。
- 極佳之響應線性度 (響應電流從 100pA 至 10mA)。
- BNC 輸出接頭
- 可直接固定於積分球輸出孔 (LP-SS-100SB)

Electrical and Optical Characterisitcs : (T ambient=25°C)

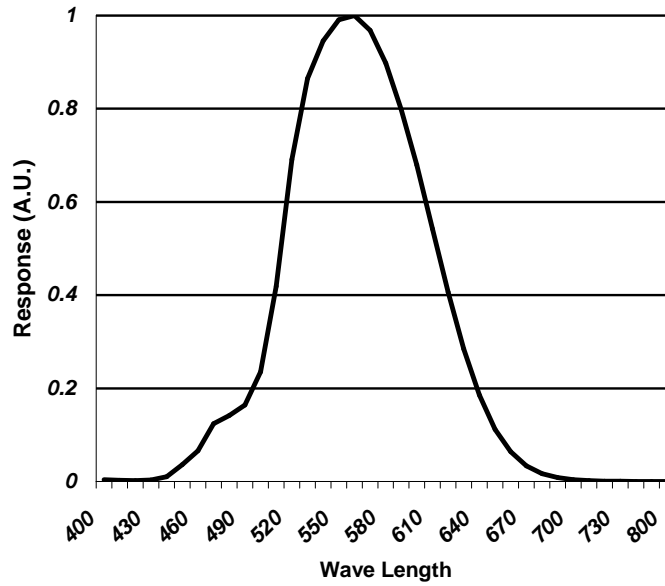
Items	Symbol	Specification			Unit
		Min.	Typical	Max.	
Spectral Response Range		400	~	700	nm
Peak Sensitivity wavelength	λ_P		560		nm
Dark current with VR=10mV	I_D		200		pA
Temperature coefficient of I_D	TCl_D		1.15		Times /°C
Short circuit current under 100 lux illumination	I_{sc}	1.5	95		uA
Integral error with human eye response curve	$f1'$			3%	
Rise time, VR=0V, RL=1KΩ	Tr		3		uS



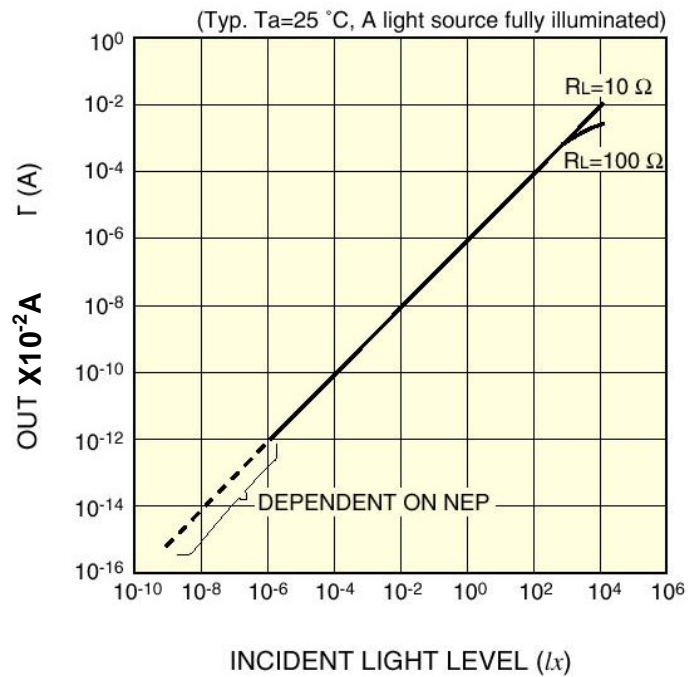
Light Ports Inc.

Your Total Solution
for Optical-Electrical
Measurement

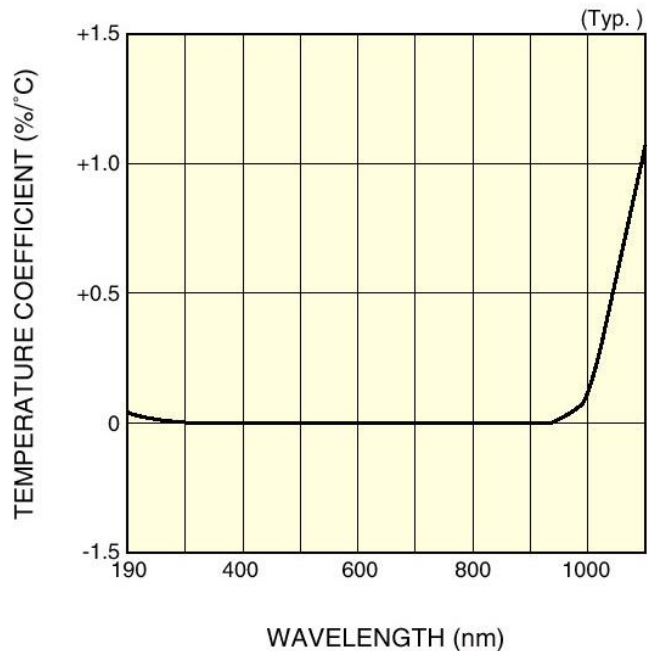
Spectral Response



■ Photo sensitivity linearity

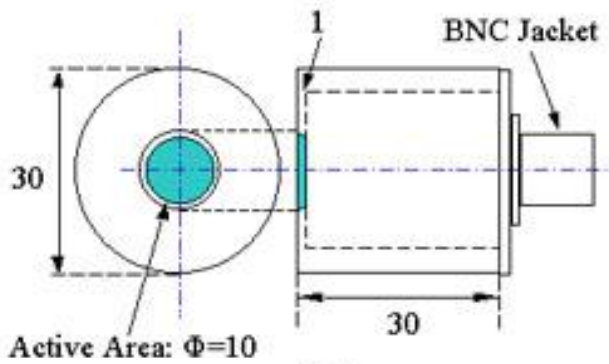


■ Photo sensitivity temperature characteristic



外觀尺寸:

LP-SS-100SA



LP-SS-100SB

