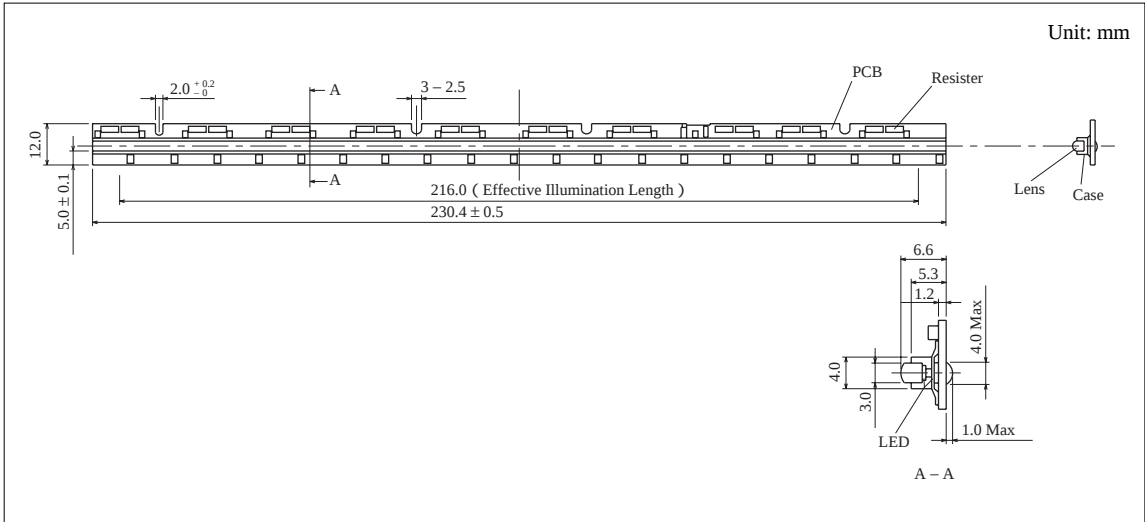


A4 Size LN803169UNA-A4

Global Parts No. LNR304402



■ Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

Item	Symbol	Rating	Unit
Supply Voltage	V _{CC}	12.8	V
Reverse Voltage	V _R	16.0	V
Power Consumption	P	6.0 (V _{CC} Max, IF Max)	W
Operating Ambient Temperature	T _{opr}	- 10 ~ + 50	°C
Storage Temperature	T _{stg}	- 30 ~ + 75	°C

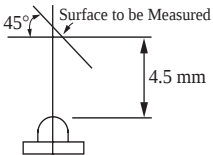
■ Recommendable Operating Conditions

Item	Symbol	Rating	Unit
Supply Voltage	V _{CC}	12.0	V
Operating Ambient Temperature	T _{opr}	0 ~ + 45	°C

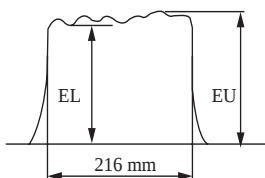
■ Electro–Optical Characteristics ($T_a = 25^\circ\text{C}$)

Item	Symbol	Condition	min	typ	Max	Unit
Total Forward Current	I_{Ft}	$V_{CC} = 24.0\text{ V}$		400	475	mA
Effective Illumination Length	L	$V_{CC} = 24.0\text{ V}$	22.8			mm
Illuminance on Manuscript	E	With in 1(min)after operation	1400 ($\theta = 0^\circ$) 1000 ($\theta = 0^\circ$)			Lx
Illuminance Deviation	ΔE_H				± 13	%
Range of Collecting and Spreading Light	ΔL		1.2			mm
Peak Emission Wavelength	λ_P	1chip IF = 20 mA		565		nm
Spectral Band Width	$\Delta \lambda$	1chip IF = 20 mA		30		nm

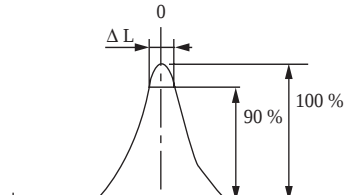
Illuminance on Manuscription



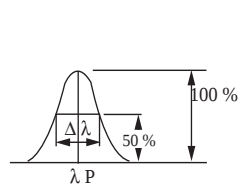
Illuminance Deviation



Range of Collecting and Spreading Lighat



Peak Emission Wavelength



Effective Illumination Length

$$\Delta EH = \{ (EU - EL) / (EU + EL) \} \times 100 [\%]$$