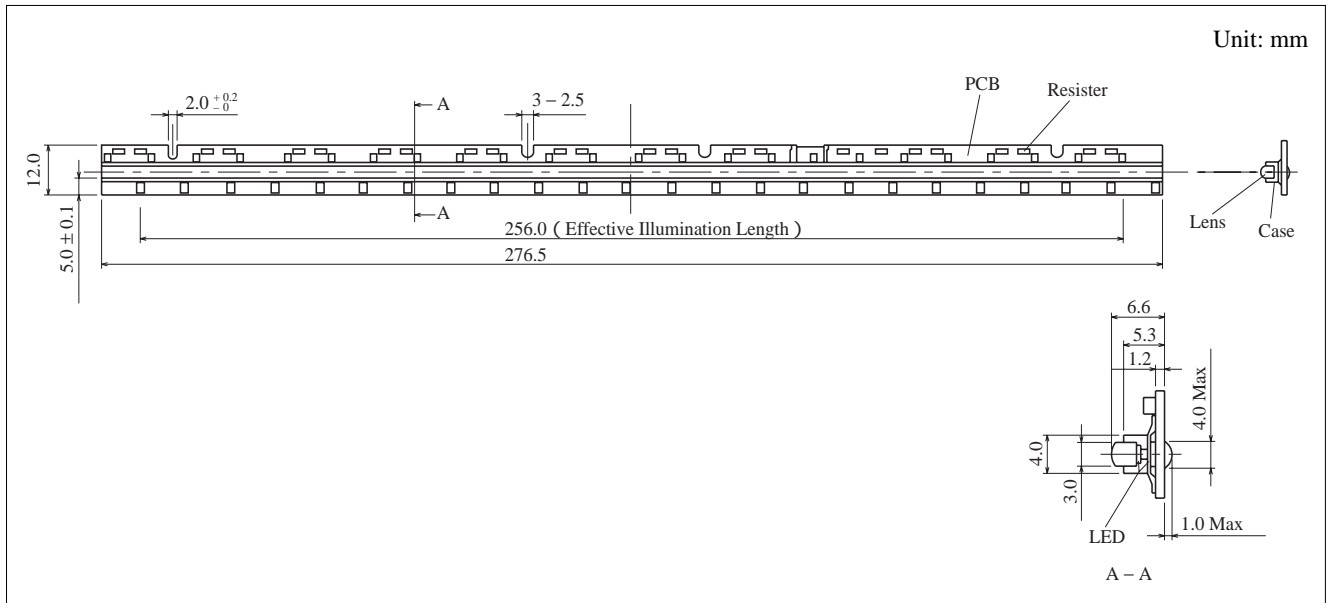


LED LINE LIGHT SOURCE

B4 Size LN963185UNA-B4

Global Parts No. LNR314401



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

Item	Symbol	Rating	Unit
Supply Voltage	V_{CC}	12.6	V
Reverse Voltage	V_R	16.0	V
Power Consumption	P	7.2 (V_{CC} Max, IF Max)	W
Operating Ambient Temperature	T_{opr}	- 10 ~ + 50	$^\circ\text{C}$
Storage Temperature	T_{stg}	- 30 ~ + 75	$^\circ\text{C}$

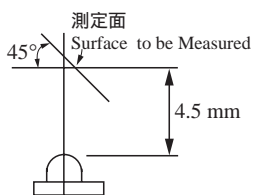
■ Recommendable Operating Conditions

Item	Symbol	Rating	Unit
Supply Voltage	V_{CC}	12.0	V
Operating Ambient Temperature	T_{opr}	0 ~ + 45	$^\circ\text{C}$

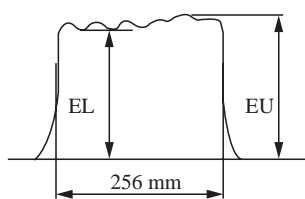
■ Electro-Optical Characteristics ($T_a = 25^\circ\text{C}$)

Item	Symbol	Condition	min	typ	Max	Unit
Total Forward Current	I_{Ft}	$V_{CC} = 12.0\text{ V}$		480	572	mA
Effective Illumination Length	L	$V_{CC} = 12.0\text{ V}$	256			mm
Illuminance on Manuscript	E	With in 1(min)after operation	1400 ($\theta = 0^\circ$)			:x
Illuminance Deviation	ΔEH				± 13	%
Range of Collecting and Spreading Light	ΔL		1.2			mm
Peak Emission Wavelength	$\lambda\text{ P}$	1chip IF = 20 mA		565		nm
Spectral Band Width	$\Delta\lambda$	1chip IF = 20 mA		30		nm

Illuminance on Manuscript

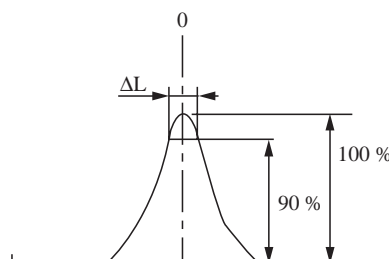


Illuminance Deviation



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

Range of Collecting and Spreading Light



Peak Emission Wavelength

