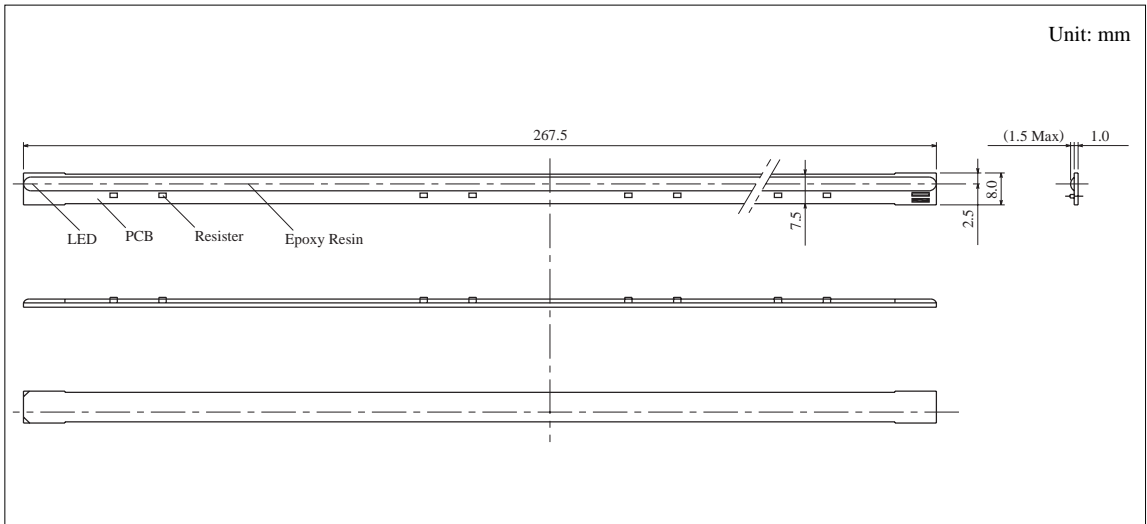


# LED LINE LIGHT SOURCE

## B4 Size LNR314701

Global Parts No. LNR314701

Unit: mm



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

Item	Symbol	Rating	Unit
Supply Voltage	$V_{CC}$	25.2	V
Reverse Voltage	$V_R$	32.0	V
Power Consumption	P	2.2	W
Operating Ambient Temperature	$T_{opr}$	- 10 ~ + 60	$^\circ\text{C}$
Storage Temperature	$T_{stg}$	- 30 ~ + 75	$^\circ\text{C}$

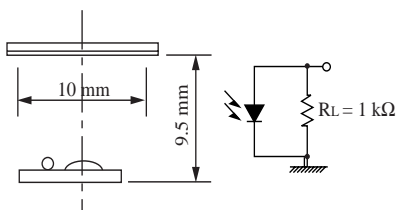
### ■ Recommendable Operating Conditions

Item	Symbol	Rating	Unit
Supply Voltage	$V_{CC}$	24.0	V
Operating Ambient Temperature	$T_{opr}$	0 ~ + 45	$^\circ\text{C}$

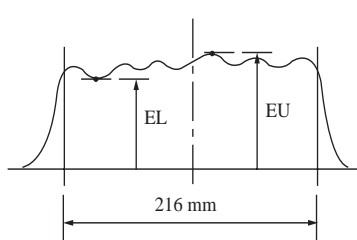
### ■ Electro-Optical Characteristics ( $T_a = 25^\circ\text{C}$ )

Item	Symbol	Condition	min	typ	Max	Unit
Supply Voltage	$V_{CC}$		22.8	24.0	25.2	V
Total Forward Current	$I_{FT}$	$V_{CC} = 24.0\text{ V}$			84	mA
Effective Illumination Length	L	$V_{CC} = 24.0\text{ V}$	216			mm
Illuminance on Manuscript	E	$V_{CC} = 24.0\text{ V}$	200			Lx
Range of Collecting and Spreading Light	$\Delta\text{EH}$	$V_{CC} = 24.0\text{ V}$			18	%
Peak Emission Wavelength	$\lambda_P$	1chip IF = 20 mA		565		nm
Spectral Band Width	$\Delta\lambda$	1chip IF = 20 mA		30		nm

Illuminance on Manuscript



Illuminance Deviation



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

Peak Emission Wavelength

