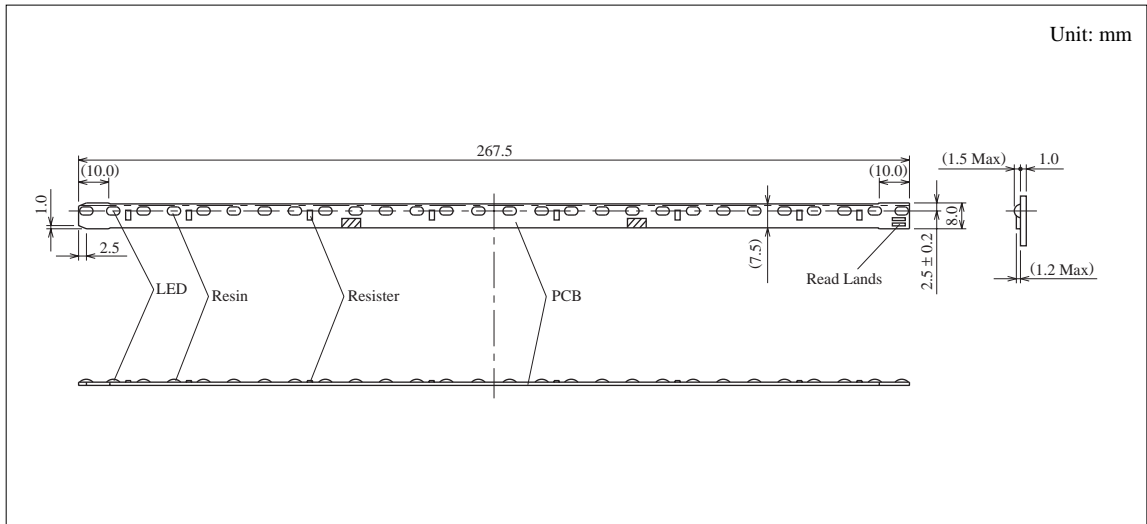


LED LINE LIGHT SOURCE

B4 Size LNR314706

Global Parts No. LNR314706



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

Item	Symbol	Rating	Unit
Supply Voltage	V_{CC}	25.2	V
Reverse Voltage	V_R	28.0	V
Power Consumption	P	3.03	W
Operating Ambient Temperature	T_{opr}	- 10 ~ + 60	$^\circ\text{C}$
Storage Temperature	T_{stg}	- 30 ~ + 75	$^\circ\text{C}$

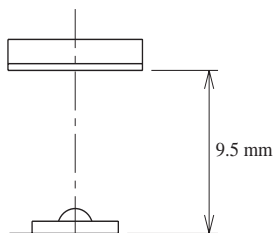
■ Recommendable Operating Conditions

Item	Symbol	Rating	Unit
Supply Voltage	V_{CC}	24.0	V
Operating Ambient Temperature	T_{opr}	0 ~ + 40	$^\circ\text{C}$

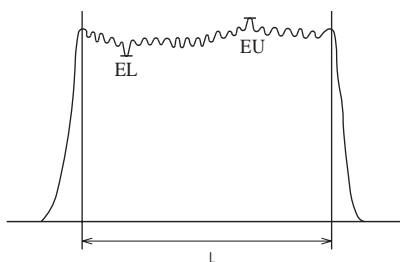
■ Electro-Optical Characteristics ($T_a = 25^\circ\text{C}$)

Item	Symbol	Condition	min	typ	Max	Unit
Supply Voltage	V_{CC}		22.8	24.0	25.2	V
Total Forward Current	I_{F1}	$V_{CC} = 24.0\text{ V}$			120	mA
Effective Illumination Length	L	$V_{CC} = 24.0\text{ V}$		256		mm
Illuminance on Manuscript	E	$V_{CC} = 24.0\text{ V}$		200		Lx
Range of Collecting and Spreading Light	ΔEH	$V_{CC} = 24.0\text{ V}$			20	%
Peak Emission Wavelength	λP	1chip IF = 20 mA		565		nm
Spectral Band Width	$\Delta \lambda$	1chip IF = 20 mA		30		nm

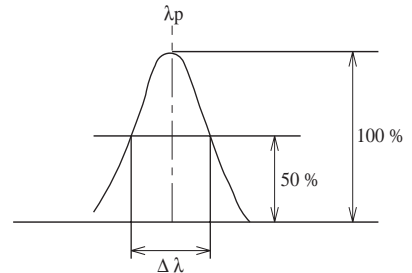
Illuminance on Manuscript



Illuminance Deviation



Peak Emission Wavelength



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