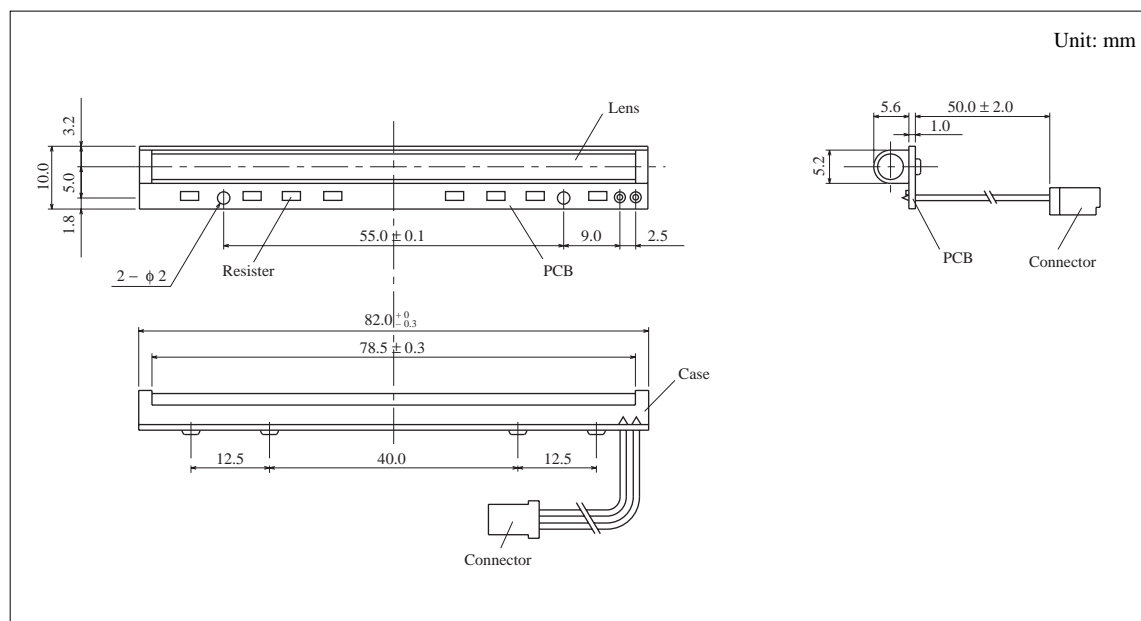


LED LINE LIGHT SOURCE

B8 Size LN322114ALUN

Global Parts No. LNR218701

Unit: mm



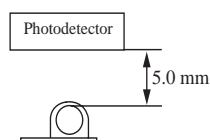
■ Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

Item	Symbol	Rating	Unit
Supply Voltage	V_{CC}	12.6	V
Reverse Voltage	V_R	12.0	V
Power Consumption	P	1.75	W
Operating Ambient Temperature	T_{opr}	0 ~ +40	$^\circ\text{C}$
Storage Temperature	T_{stg}	-20 ~ +60	$^\circ\text{C}$

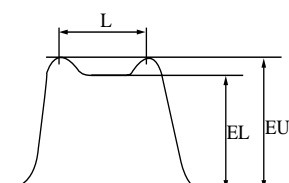
■ Electro-Optical Characteristics ($T_a = 25^\circ\text{C}$)

Item	Symbol	Condition	min	typ	Max	Unit
Supply Voltage	V_{CC}		11.4	12.0	12.6	V
Total Forward Current	I_{Ft}	$V_{CC} = 12.0\text{ V}$		110		mA
Effective Illumination Length	L	$V_{CC} = 12.0\text{ V}$		62		mm
Radiant Illuminance on Manuscript	E	$V_{CC} = 12.0\text{ V}$	1500			$\mu\text{W}/\text{cm}^2$
Illuminance Distribution	ΔEB	$V_{CC} = 12.0\text{ V}$		125		%
Range of Collecting and Spreading Light	ΔL	$V_{CC} = 12.0\text{ V}$		0.8		mm
Peak Emission Wavelength	λ_P	1chip IF = 20 mA		660		nm
Spectral Band Width	$\Delta\lambda$	1chip IF = 20 mA		20		nm

Radiant Illuminance on Manuscript

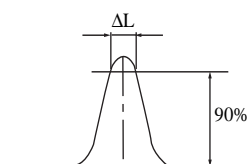


Illuminance Distribution



$$\Delta EH = EU/EL \times 100\%$$

Range Collecting and Spreading Light



Caution for Safety

 **DANGER**

Gallium arsenide material (GaAs) is used in this product.

Therefore, do not burn, destroy, cut, crush, or chemically decompose the product, since gallium arsenide material in powder or vapor form is harmful to human health.

Observe the relevant laws and regulations when disposing of the products. Do not mix them with ordinary industrial waste or household refuse when disposing of GaAs-containing products.

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