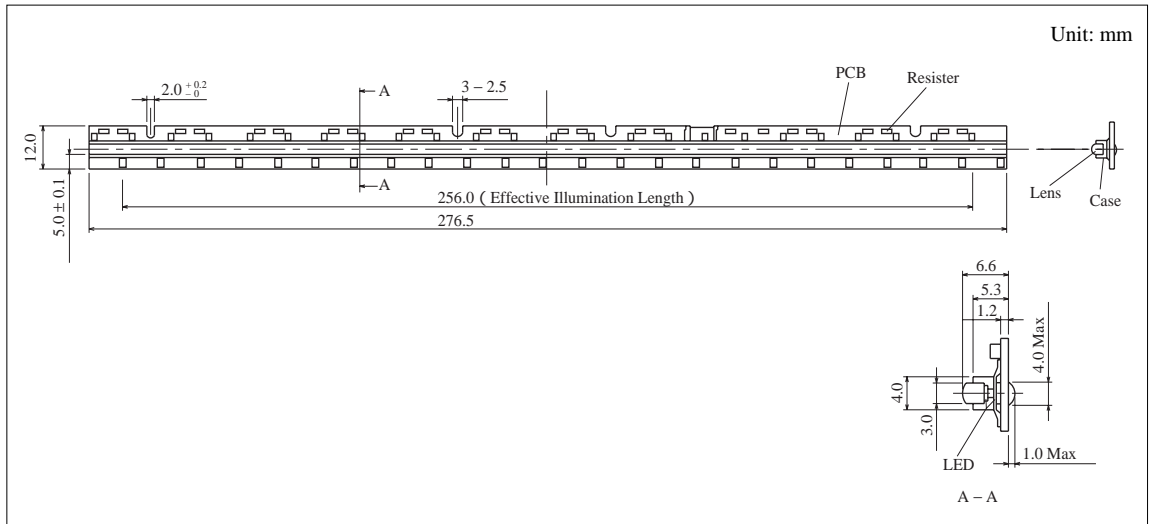


LED LINE LIGHT SOURCE

B4 Size LN963185UNA-B4

Global Parts No. LNR314401



■ Absolute Maximum Ratings (T_a = 25°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, I _F Max)	W
Operating Ambient Temperature	Topr	- 10 ~ + 50	°C
Storage Temperature	Tstg	- 30 ~ + 75	°C

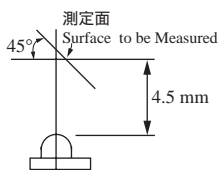
■ Recommendable Operating Conditions

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

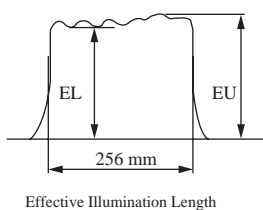
■ Electro-Optical Characteristics (T_a = 25°C)

Item	Symbol	Condition	min	typ	Max	Unit
Total Forward Current	I _{FT}	V _{CC} = 12.0 V		480	572	mA
Effective Illumination Length	L	V _{CC} = 12.0 V	256			mm
Illuminance on Manuscript	E	With in 1(min) after operation	1400 (θ = 0°)			:x
Illuminance Deviation	ΔEH				± 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	Δλ	1chip IF = 20 mA		30		nm

Illuminance on Manuscript

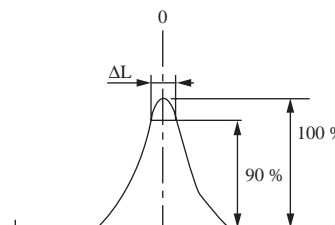


Illuminance Deviation



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

Range of Collecting and Spreading Light



Peak Emission Wavelength

