



Features:

- Low power consumption
- General purpose leads
- Selected minimum intensities
- Available on tape and reel

Descriptions:

- The LED lamps are available with different colors, intensities, epoxy colors etc...
- Superior performance in outdoor environment.

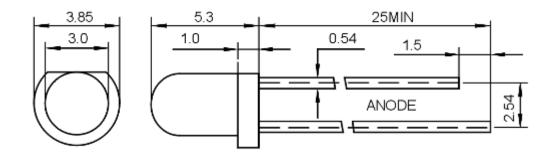
Usage Notes:

- Surge will damage the LED
- When using LED, it must use a protective resistor in series with DC current about 20mA.

Applications:

- Status indicators
- Commercial use
- Advertising signs
- Back lighting

Package Dimensions (Units: mm)



UNIT:mm

Notes:

- Other dimensions are in millimeters, tolerance is 0.25mm except where specified.
- Protruted resin under flange is 1.5mm Max. LED.
- Bare copper alloy is exposed at tie-bar portion after cutting.

Led Part No.	Cł	Long Color	
	Material	Emitted Color	Lens Color
3-22B-WC26-20	GaP	Red	Water Clear





Absolute Maximum Rating (Ta = 25°C)

Parameter	Symbol	Absolute Maximum Rating	Unit
Reverse Voltage	V _R	5	V
Operating Temperature	Topr	-40 to +80	°C
Storage Temperature	Tstg	-40 to +100	°C
Soldering Heat (5s) Tsol		260	°C

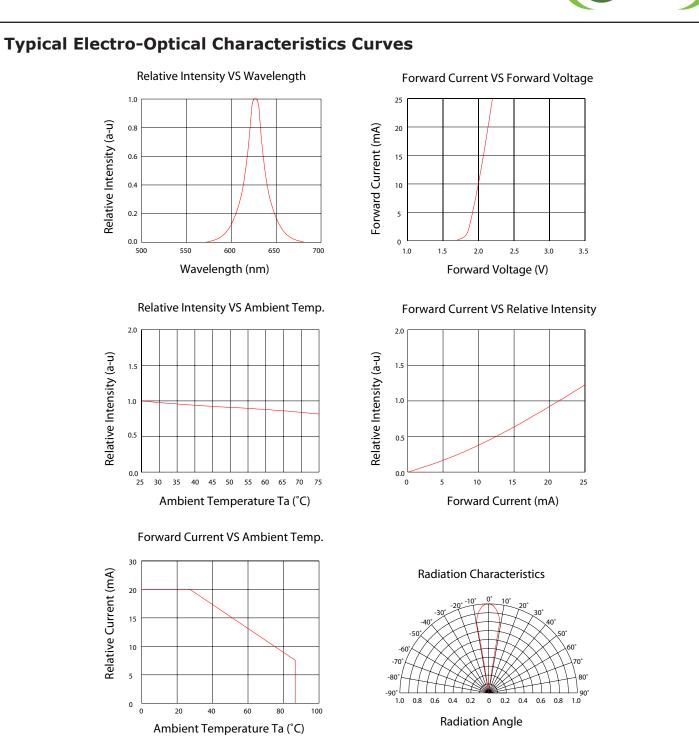
Electro-Optical Characteristics (Ta = 25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Test Condition
Luminous Intensity	I_v	50	-	100	mcd	IF = 20mA (Note 1)
Viewing Angle	20 _{1/2}	15	20	25	Deg	(Note 2)
Peak Emission Wavelength	λр	620	630	635	nm	IF = 20mA
Spectral Line Half- Width	Δλ	15	20	25	nm	IF = 20mA
Forward Voltage	V _F	1.9	-	2.3	V	IF = 20mA
Reverse Current	I _R	_	-	10	μA	VR = 5V

Notes:

1. Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve.

2. $\theta_{1/2}$ is the off-axis angle at which the luminous intensity is half the axial luminous intensity.



RoHS Compliant PB Free

Notes:

- 1. Above specification may be changed without notice. Ever-led will reserve authority on material change for above specification.
- 2. When using this product, please observe the absolute maximum ratings and the instructions for using outlined in these specification sheets. Ever-Led assumes no responsability for any damage resulting from use of the product which does not comply with the absolute maximum ratings and the instructions included in these specification sheets.