

L385-30T52

Stem Type LED

L385-30T52 is an InGaN LED mounted on TO-18 stem and hermetically sealed with flat glass can, being designed for sensing devices.

On forward bias it emits a spectral band of radiation, which peaks at 385nm.

<Features>

- Wide Viewing Angle

- High Reliability

<Specifications>

Product Name: LED Lamp
Type Number: L385-30T52

3. Chip:

Chip material: InGaNPeak Wavelength: 385nm

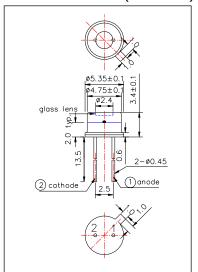
4.Package

- Stem: TO-18 Stem

- Lens: Φ2.4 Flat Glass Lens

- Cap: Gold Plated

Outer Dimension (Unit:mm)



Absolute Maximum Ratings								
Item	Symbol	Maximum Rated Value	Unit	Ambient Temperature				
Power Dissipation	PD	110	mW	Ta=25℃				
Forward Current	IF	30	mA	Ta=25℃				
Reverse Voltage	VR	3	V	Ta=25℃				
Operating Temperature	TOPR	-30 ~ +85	$^{\circ}$ C					
Storage Temperature	TSTG	-30 ~ +100	$^{\circ}$ C					
Soldering Temperature*	TSOL	250	$^{\circ}$					

^{*} Soldering condition must be completed within 3 seconds at 250 $^{\circ}\!\mathrm{C}$

Electro-Optical Characteristics									
Item	Symbol	Condition	Minimum	Typical	Maximum	Unit			
Forward Voltage	VF	IF=20mA		3.6	4.3	V			
Reverse Current	IR	VR=3V			10	uA			
Radiated Power*	PO	IF=20mA	0.7	1.4		mW			
Radiant Intensity**	IE	IF=20mA	0.5	1.0		mW/sr			
Peak Wavelength	λP	IF=20mA	375	385	395	nm			
Half Width	Δλ	IF=20mA		17		nm			
Viewing Half Angle	θ1/2	IF=20mA		±45		deg			

^{*} Measured by AQ2730&AQ2741(Total Radiated Power is measured by Photodyne #500)

** Measured by Tektronix J-6512



Marubeni America Corporation | 3945 Freedom Circle, Suite 1000, Santa Clara, CA95054 Tel: 408-330-0650 | Fax: 408-330-0655 | Email: sales@tech-led.com