KOUHI

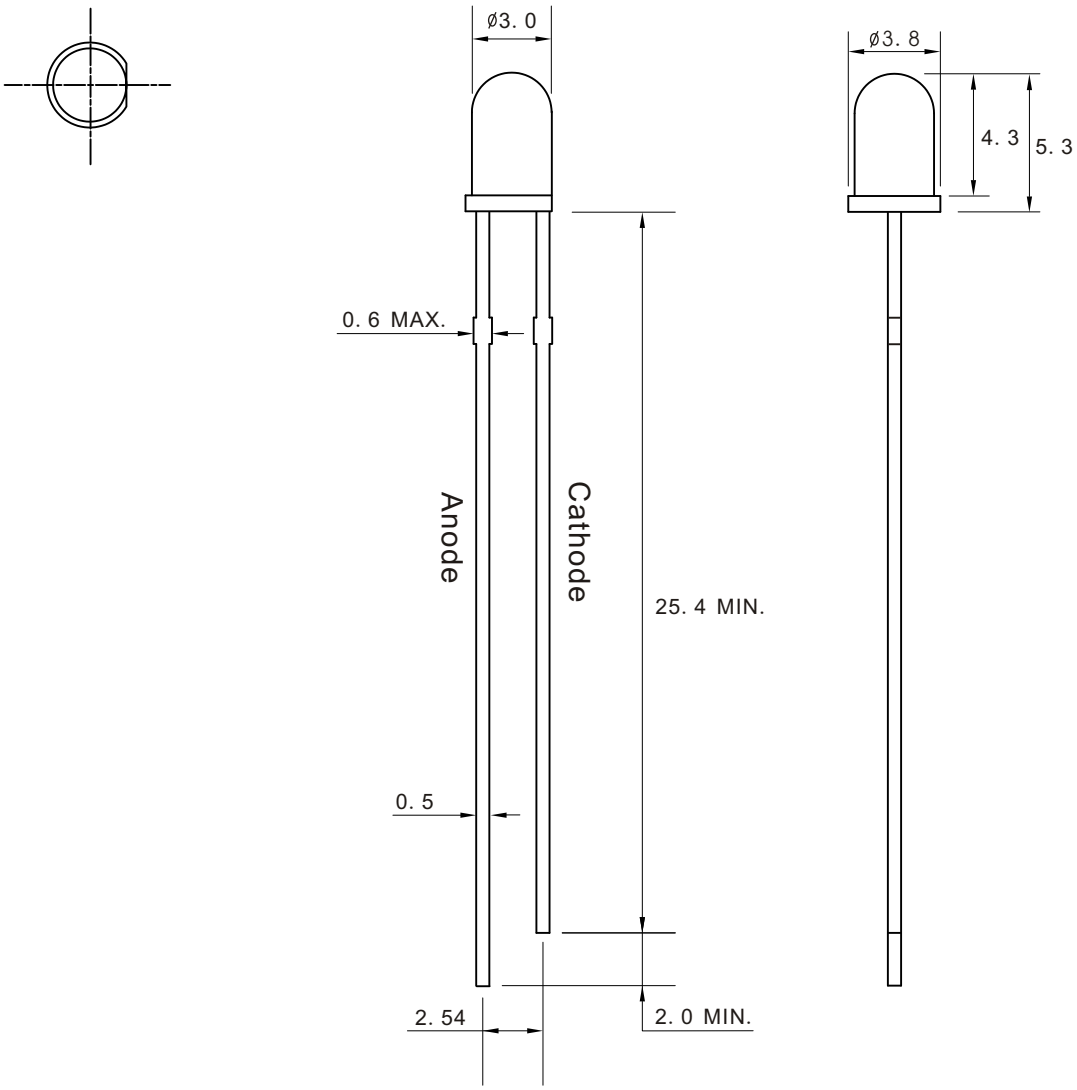
LED LAMPS SPECIFICATION

KTL030JTI

Features

* 3. 0mm x 5. 3mm round LED lamp
* Low power requirement
* I. C. Compatible
* Easy assembly
* RoHs compliant
* Wide viewing angle
* Bicolour version available

Part No.		KTL030JTI
Lens		Green Transparent
Chip	Ram Material	AlGaInP
	Emitted colour	Green



NOTES: 1. All dimensions are in millimeter (inches), tolerance is 0. 25 unless otherwise noted
2. Specifications are subject to change without notice.

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Absolute Maximum Rating: (TA=25℃)

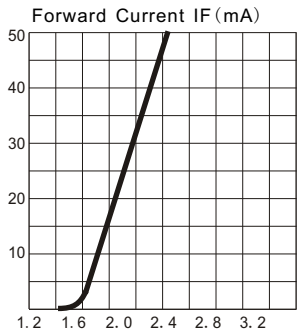
Parameter	Symbol	Maximum Rating	Unit
Peak Foward Current	IFp	70	mA
Forward Current	IF	20	mA
Reverse Voltage	VR	5	V
Power Dissipation	PD	40	mW
Operating Temperature	Topr	-40~+85	℃
Storage Temperature	Tstg	-40~+85	℃
Electronstatic Discharge	ESD	500	V
Soldering Temperature	260℃ for 3 seconds		

Lead soldering Temperature (4mm from body) : 260℃ for seconds

Optical-Electrical Characteristic: (TA=25℃)

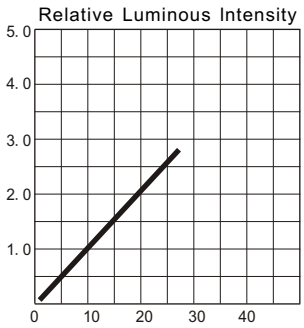
Parameter	Symbol	Condition	Min.	Type	Max.	Unit
Forward Current	VF	IF=20mA	1.7	-	2.4	V
Reverse Current	IR	VR=5V		-	5	uA
Dominant Wavelength	λd	IF=20mA			572	nm
Peak Wavelength	λP	IF=20mA	567	570	572	nm
Luminous Intensity	Iv	IF=20mA	60	-	80	mcd
Viewing Angle	2θ1/2	IF=20mA	-	25	-	Deg

Fig. 1



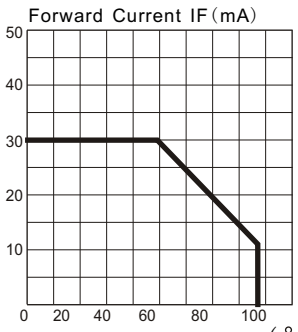
Forward Current VS
Forward Voltage .

Fig. 2



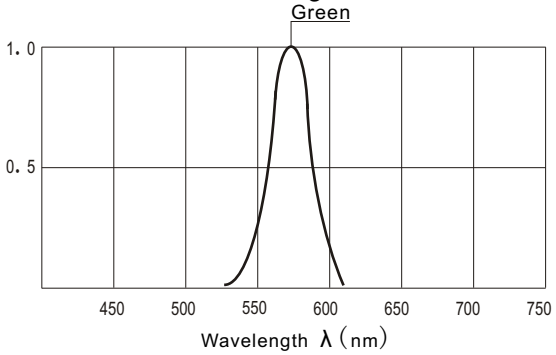
Relative Luminous Intensity
VS. Forward Current

Fig. 3



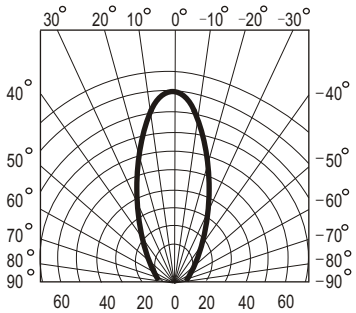
Ambient ℃
Temperature Ta(℃)

Fig. 4



Relative Intensity vs. Wavelength

Fig. 5



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