

Super-luminosity LED Lamp/High-luminosity LED Lamp

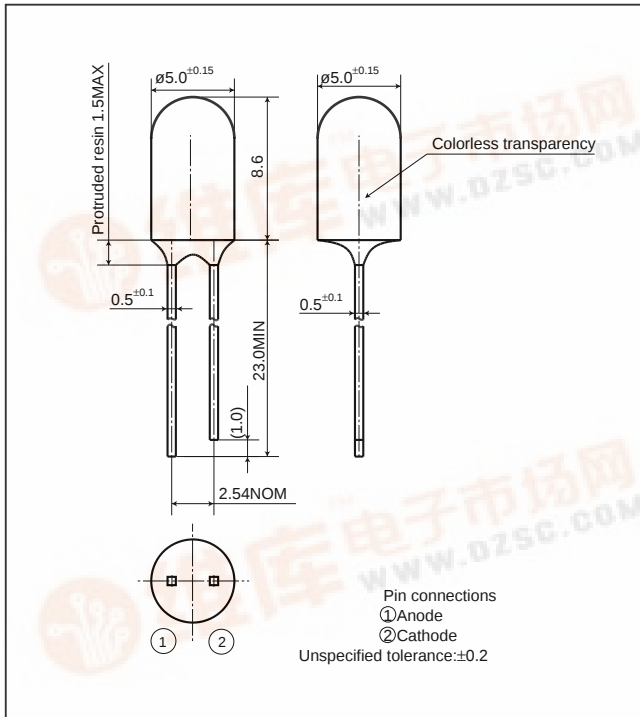
GL6UR31

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ø5mm(T-1 3/4), Cylinder Type(Flangeless),
Colorless Transparency, High-luminosity
LED Lamp for Outdoor Use

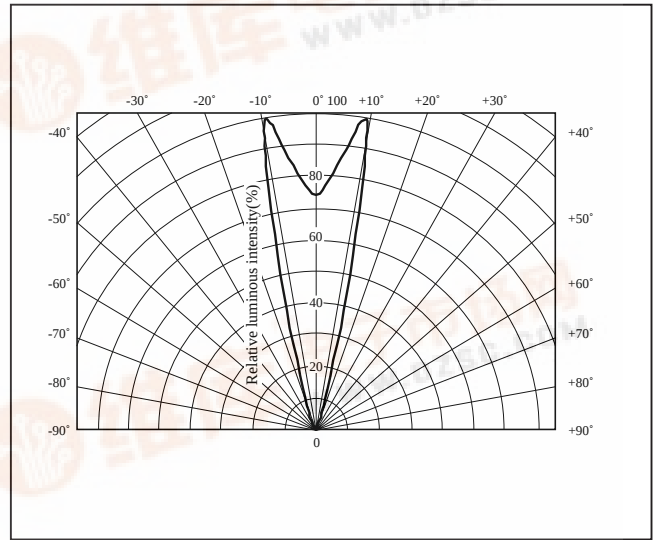
Outline Dimensions

(Unit : mm)



Radiation Diagram

(Ta=25°C)



Absolute Maximum Ratings

(Ta=25°C)

Model No.	Radiation color	Radiation material	Power dissipation P (mW)	Forward current IF (mA)	Peak forward current IFM (mA)	Derating factor (mA/°C)		Reverse voltage VR (V)	Operating temperature Topr (°C)	Storage temperature Tstg (°C)	Soldering temperature Tsol*2 (°C)
						DC	Pulse				
GL6UR31	Red(Super-luminosity)	GaAlAs on GaAlAs	75	30	50*1	0.40	0.67	4	-25 to +85	-25 to +100	260

*1 Duty ratio=1/10, Pulse width=0.1ms

*2 5s or less(At the position of 1.6mm or more from the bottom face of resin package)

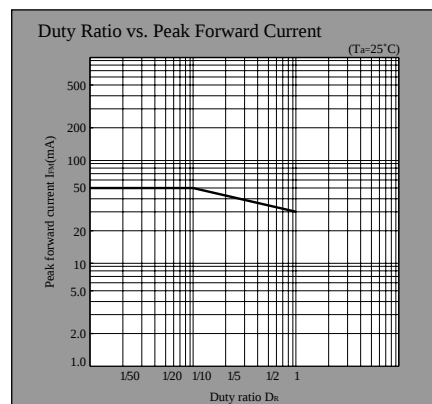
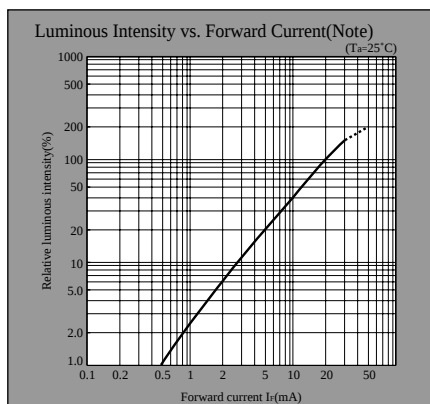
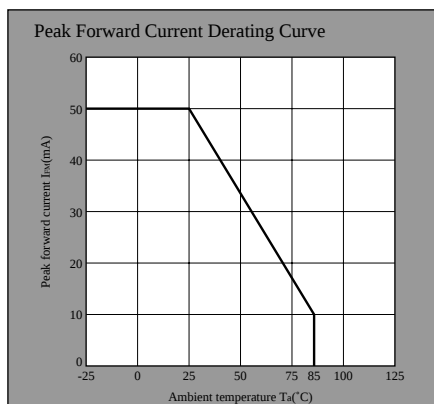
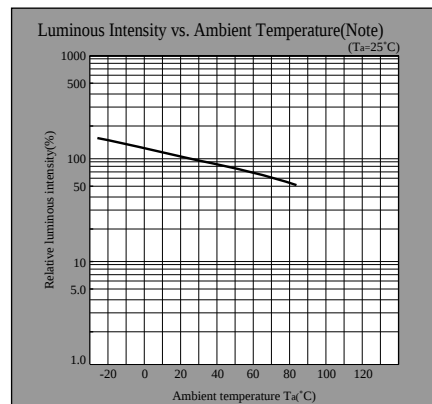
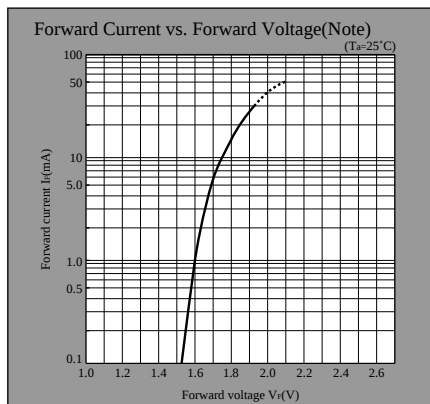
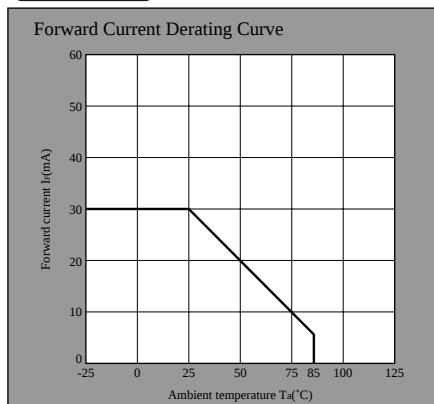
Electro-optical Characteristics

(Ta=25°C)

Lens type	Model No.	Forward voltage VF(V)		Peak emission wavelength λp(nm)		Luminous intensity Iv(mcd)		Spectrum radiation bandwidth Δλ(nm)		Reverse current IR(μA)		Terminal capacitance Ct(pF)		Page for characteristics diagrams
		TYP	MAX	TYP	IF (mA)	TYP	IF (mA)	TYP	IF (mA)	MAX	VR (V)	TYP	(MHz)	
Colorless transparency	GL6UR31	1.85	2.5	660	20	100	20	20	20	100	3	25	1	→

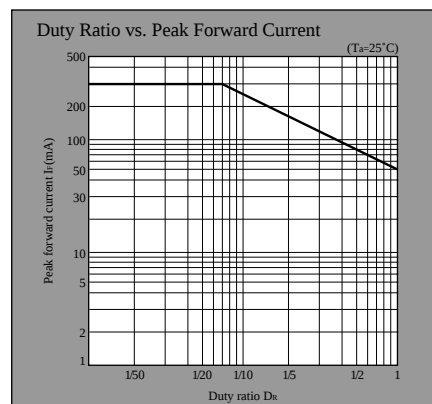
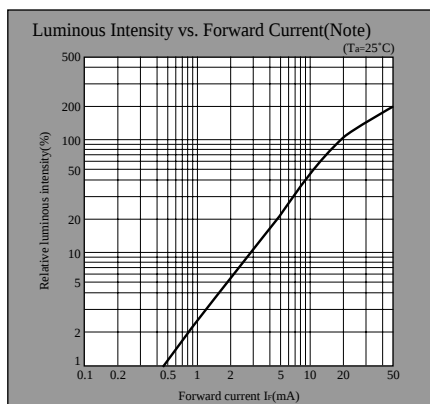
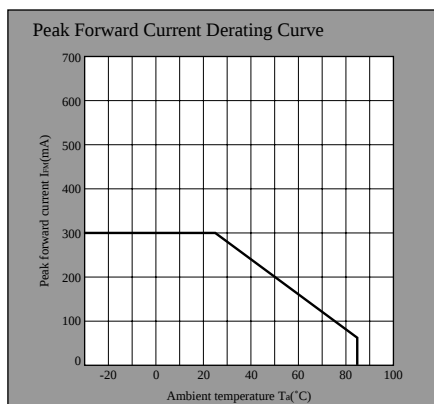
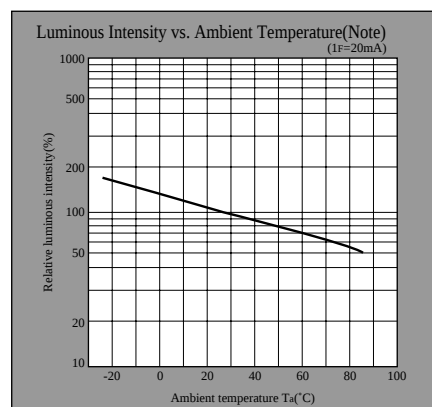
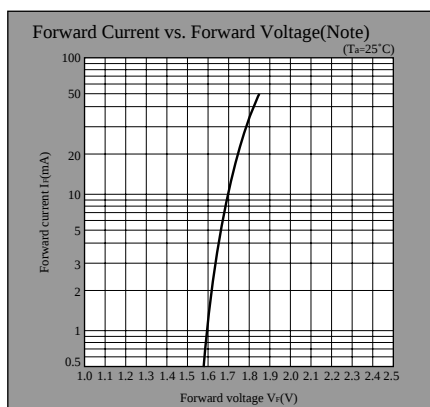
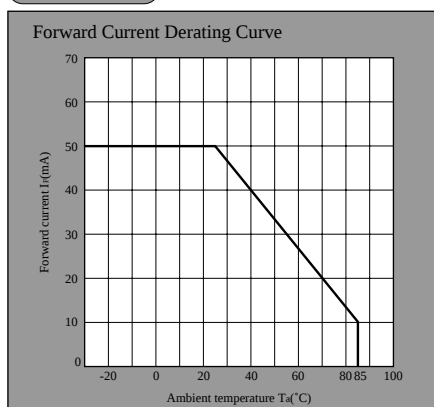
LED Lamp Characteristics Diagrams

UR series



Note) Characteristics shown in diagrams are typical values. (not assurance value)

TR series



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