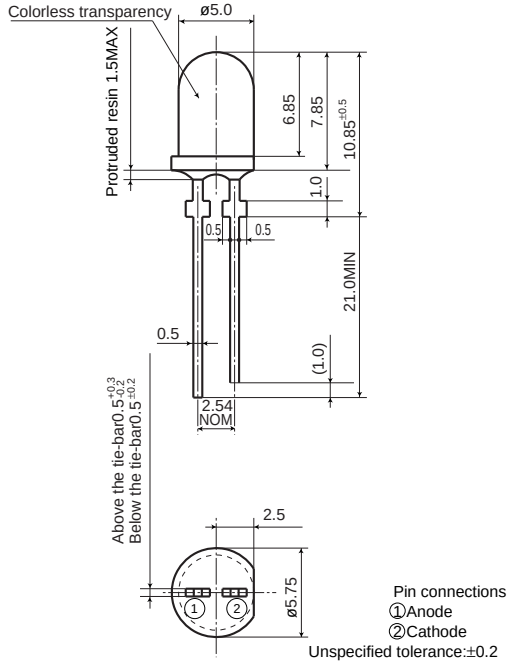
GL6UR3T

ø5mm(T-1 3/4), Cylinder Type(with Tie-bar), Colorless Transparency, High-luminosity LED Lamp for High Mounted Stop Lamp

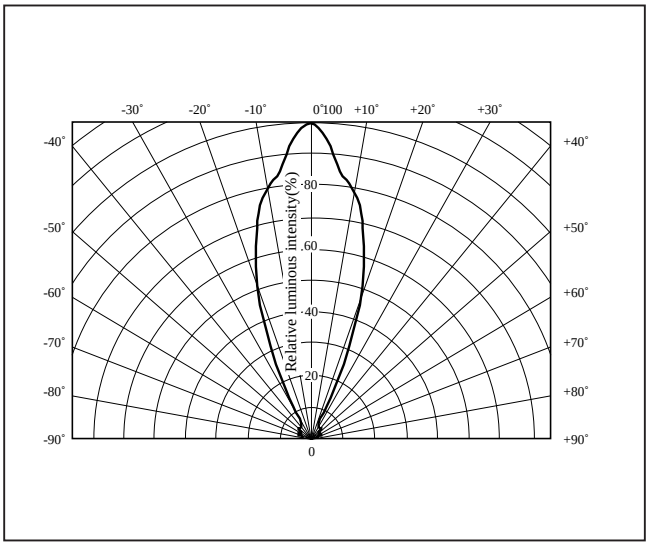
■ Outline Dimensions

(Unit : mm)



■ Radiation Diagram

(I_F=20mA,T_a=25˚C)



■ Absolute Maximum Ratings

(T_a=25˚C)

Model No.	Radiation color	Radiation material	Power dissipation P (mW)	Forward current I_F (mA)	Peak forward current I_{FM} (mA)	Derating factor (mA/˚C) DC	Derating factor (mA/˚C) Pulse	Reverse voltage V_R (V)	Operating temperature T_{opr} (˚C)	Storage temperature T_{stg} (˚C)	Soldering temperature T_{sol}*2 (˚C)
GL6UR3T	Red(Super-luminosity)	GaA1As on GaA1As	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)

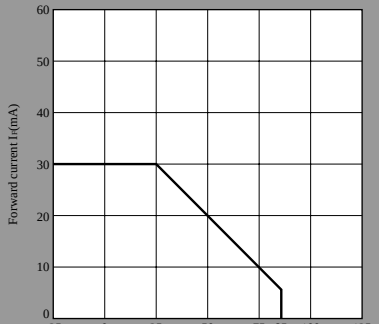
■ Electro-optical Characteristics

(T_a=25˚C)

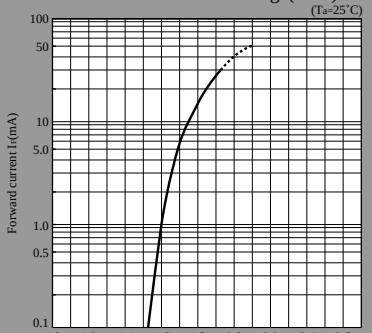
Lens type	Model No.	Forward voltage V_F(V) TYP	Forward voltage V_F(V) MAX	Peak emission wavelength λ_p(nm) TYP	I_F (mA)	Luminous intensity I_V(mcd) TYP	I_F (mA)	Spectrum radiation bandwidth Δλ(nm) TYP	I_F (mA)	Reverse current I_R(μA) MAX	V_R (V)	Terminal capacitance C_t(pF) TYP	(MHz)	Page for characteristics diagrams
Colorless transparency	GL6UR3T	1.85	2.5	660	20	600	20	20	20	100	3	25	1	→

UR series

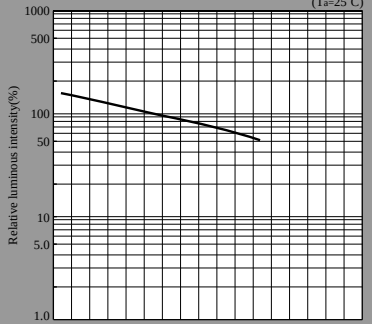
Forward Current Derating Curve



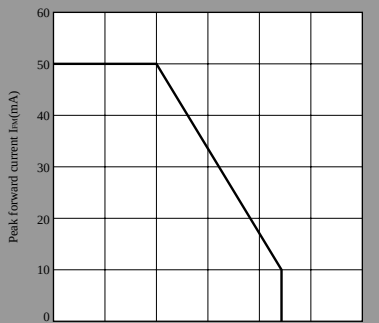
Forward Current vs. Forward Voltage(Note)



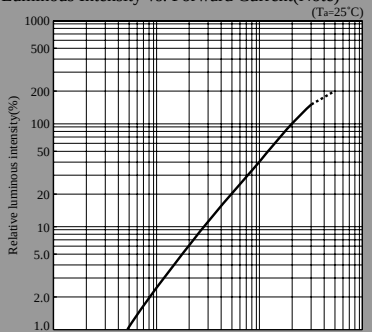
Luminous Intensity vs. Ambient Temperature(Note)



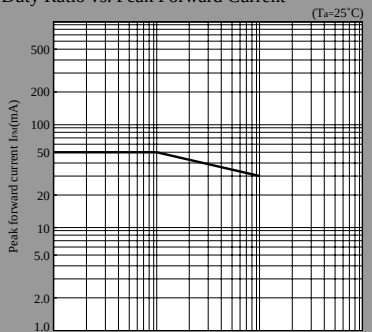
Peak Forward Current Derating Curve



Luminous Intensity vs. Forward Current(Note)



Duty Ratio vs. Peak Forward Current



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