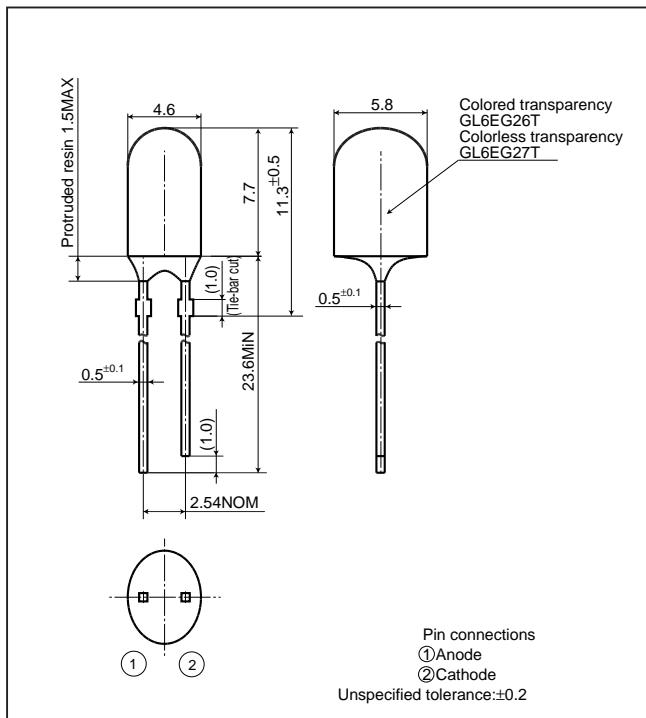


GL6EG26T/GL6EG27T

5.8×4.6mm, Oval Type(with Tie-bar), Colored/Colorless Transparency, Wide Viewing Angle LED Lamps for Outdoor Use

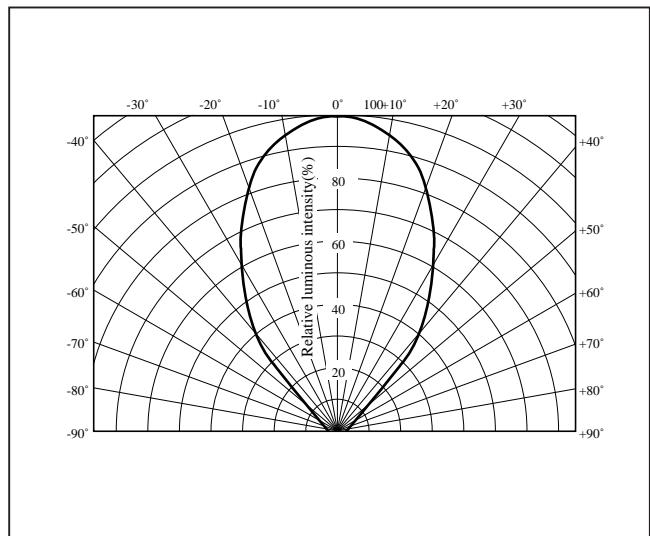
■ Outline Dimensions

(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 I _F (mA)	Peak forward current I _{FM} ^{*1} (mA)	Derating factor (mA/°C)		Reverse voltage V _R (V)	Operating temperature T _{opr} (°C)	Storage temperature T _{stg} (°C)	Soldering temperature T _{sol} ^{*2} (°C)
						DC	Pulse				
GL6EG26T	Yellow-green	GaP	84	30	50	0.40	0.67	5	-25 to +85	-25 to +100	260
GL6EG27T											

*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)

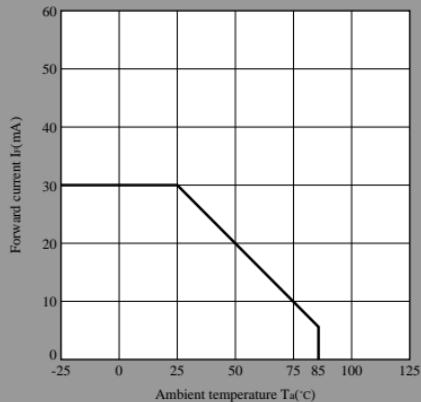
■ Electro-optical Characteristics

(Ta=25°C)

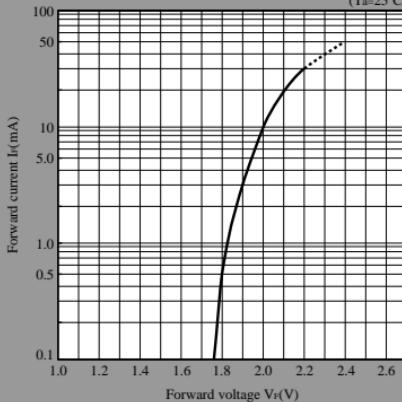
Lens type	Model No.	Forward voltage V _F (V)		Peak emission wavelength λ _p (nm) TYP	I _F (mA) TYP	Luminous intensity I _V (med) TYP	I _F (mA) TYP	Spectrum radiation bandwidth Δλ(nm) TYP		Reverse current I _R (μA) MAX	V _R (V)	Terminal capacitance C _T (pF) TYP	(MHz)	Page for characteristics diagrams
		TYP	MAX					Δλ(nm)	I _F (mA)					
Colored transparency	GL6EG26T	2.1	2.8	565	20	140	20	30	20	10	4	35	1	→
Colorless transparency	GL6EG27T													

EG series

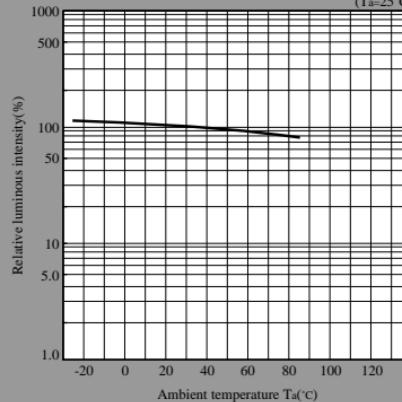
Forward Current Derating Curve



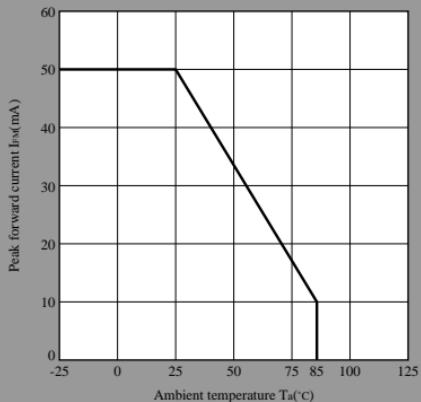
Forward Current vs. Forward Voltage(Note)
($T_a=25^\circ\text{C}$)



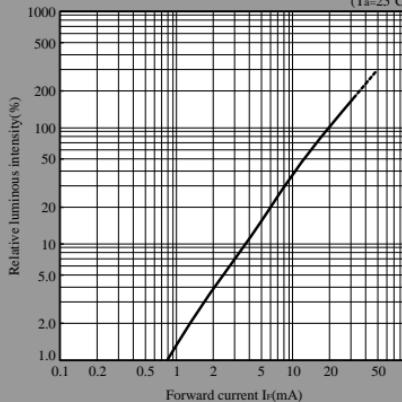
Luminous Intensity vs. Ambient Temperature(Note)
($T_a=25^\circ\text{C}$)



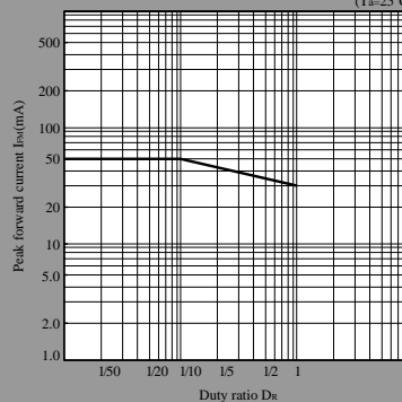
Peak Forward Current Derating Curve



Luminous Intensity vs. Forward Current(Note)
($T_a=25^\circ\text{C}$)



Duty Ratio vs. Peak Forward Current



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