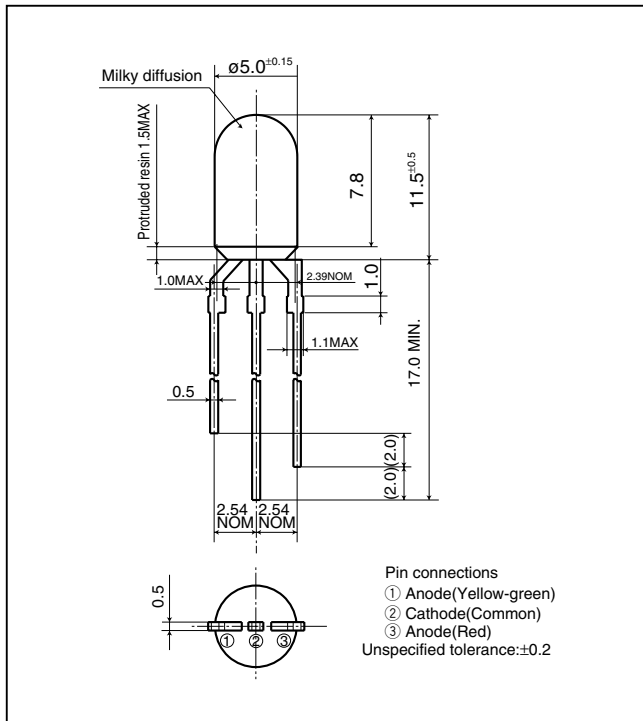


GL5EJJ502C0X

ø5mm(T-1 3/4), Cylinder Type, Milky Diffusion, Tape-packaged, High-luminosity Dichromatic LED Lamp

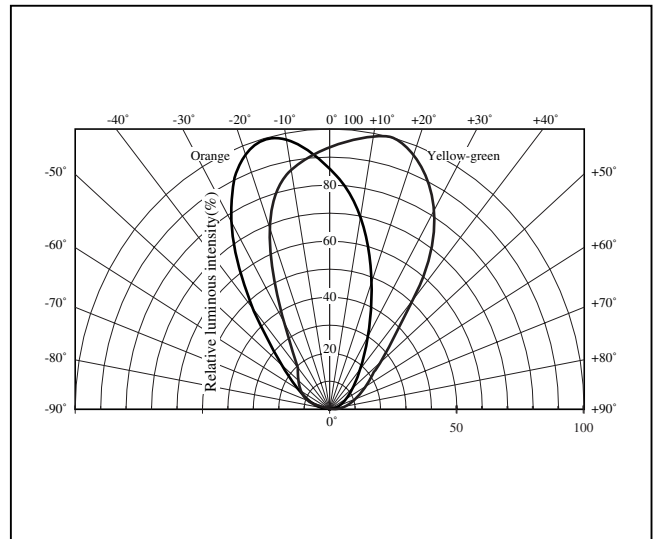
■ Outline Dimensions

(Unit : mm)



■ Directive Characteristics

(T_a=25°C)



■ Absolute Maximum Ratings

(T_a=25°C)

Model No.	Emitting color	Material	Power dissipation P ^{*1} (mW)	Forward current I _F (mA)	Peak forward current I _{FM} ^{*2} (mA)	Derating factor (mA/°C)		Reverse voltage V _R (V)	Operating temperature T _{opr} (°C)	Storage temperature T _{stg} (°C)	Soldering temperature T _{sol} ^{*3} (°C)
						DC	Pulse				
GL5EJJ502C0X	Yellow-green	GaP	84	30	50	0.40	0.67	5	-25 to +85	-25 to +100	260
	Orange	AlGaInP on GaAs	78	30	50	0.40	0.67				

*1 The value is specified under the condition that either color is lightened separately. When the both diodes are lightened simultaneously, the power dissipation of each diode should be less than the half of the value specified in this table.

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

*3 5s or less (At the position of 1.6mm or more from the bottom face of resin package)

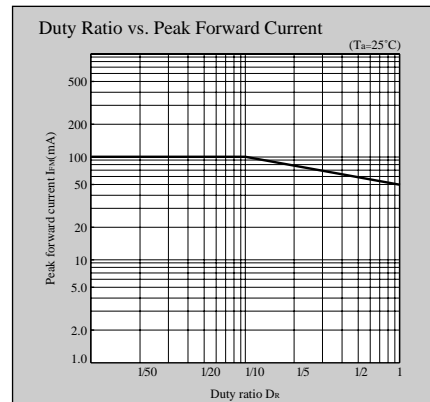
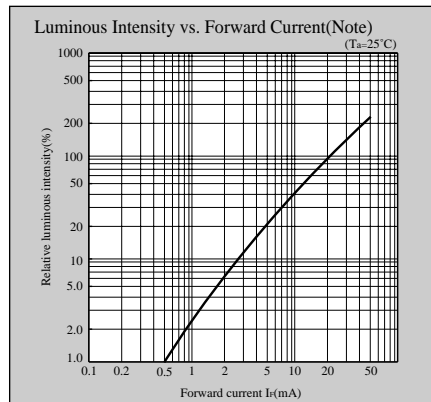
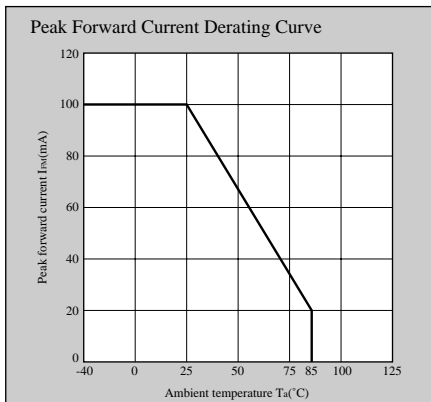
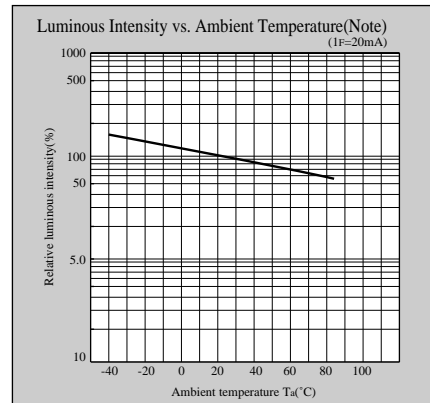
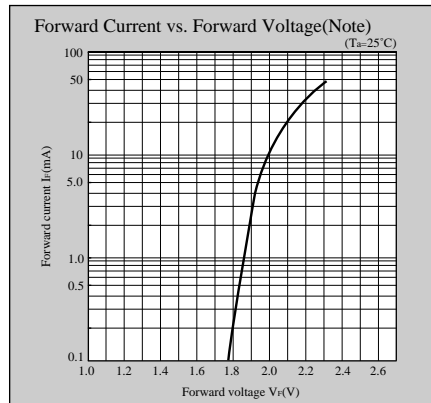
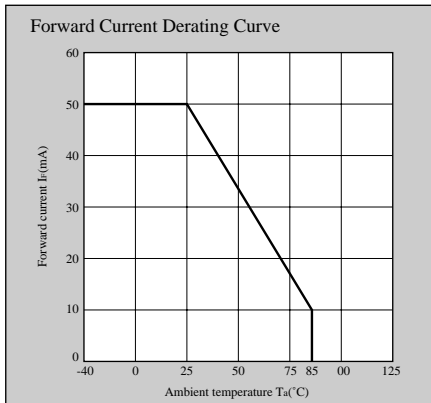
■ Electro-optical Characteristics

(I_F=20mA, T_a=25°C)

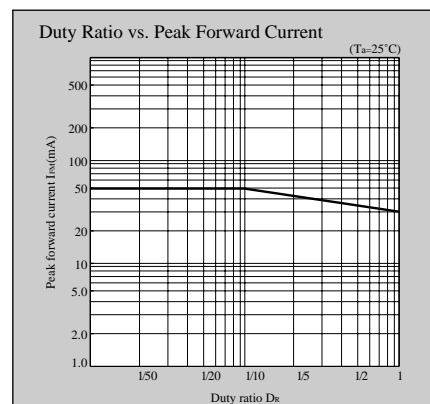
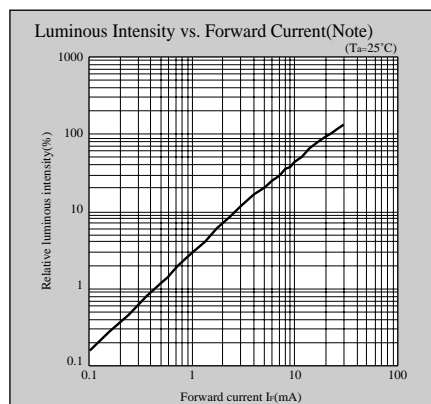
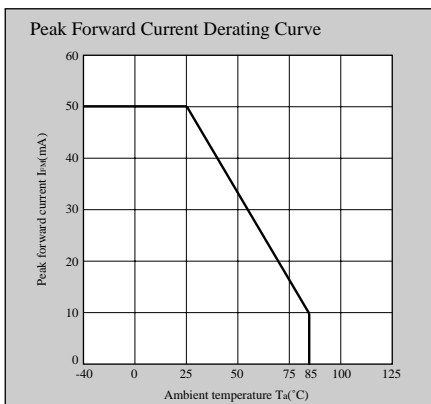
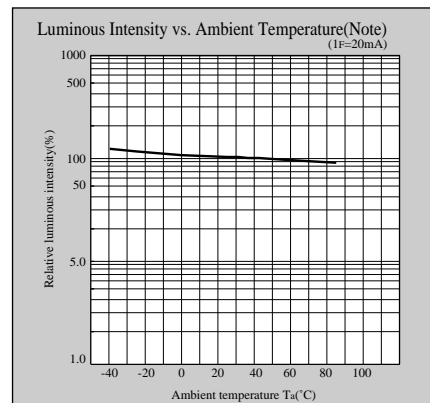
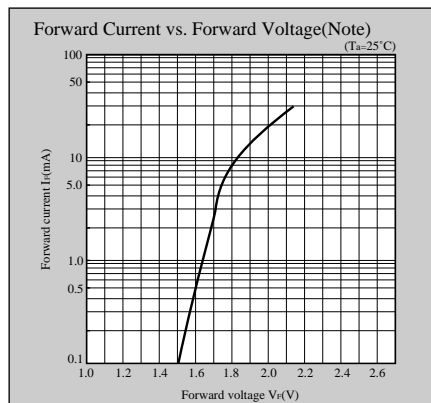
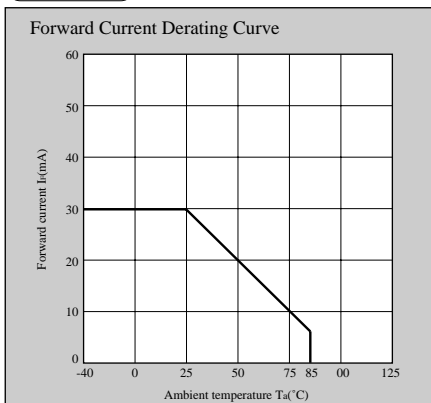
Lens type	Model No.	Radiation color	Forward voltage V _F (V)		Peak emission wavelength λ _p (nm) TYP	Luminous intensity I _v (mcd) TYP	Spectrum radiation bandwidth Δλ(nm) TYP	Reverse current		Terminal capacitance		Page for characteristics diagrams
			TYP	MAX				I _R (μA) MAX	V _R (V)	C _t (pF) TYP	(MHz)	
Milky diffusion	GL5EJJ502C0X	Yellow-green	2.1	2.8	565	110	30	10	4	15	1	102
		Orange	2.0	2.6	627	170	15	100	4	15	1	97

Characteristics Diagrams

ZG series



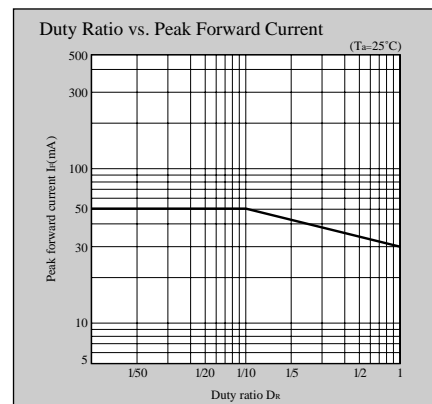
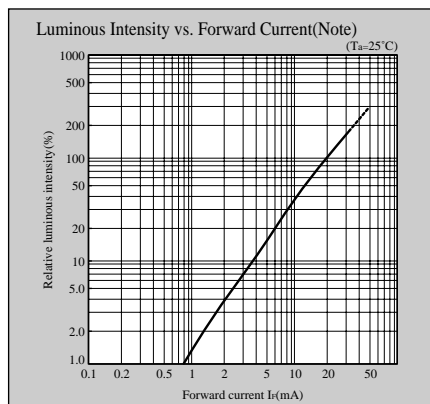
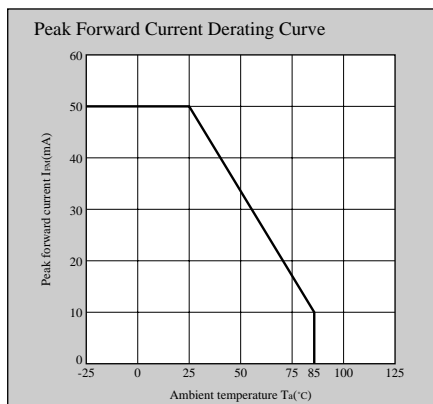
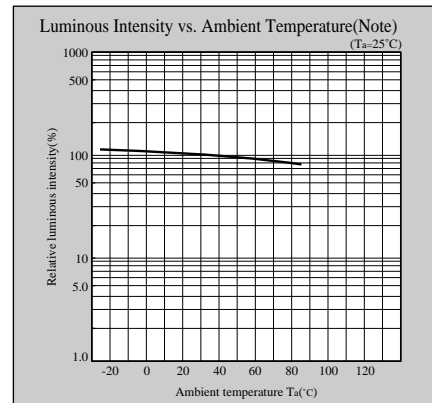
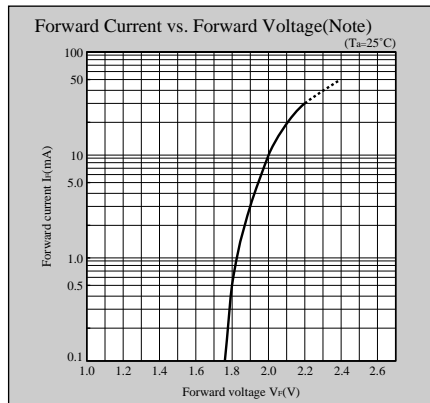
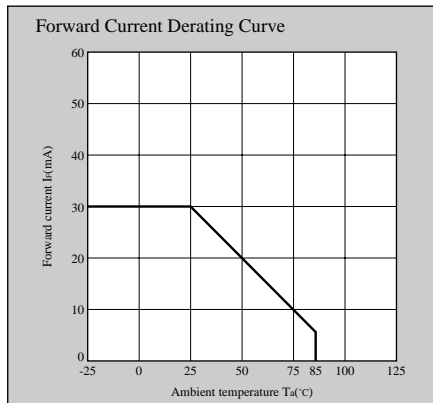
JJ series



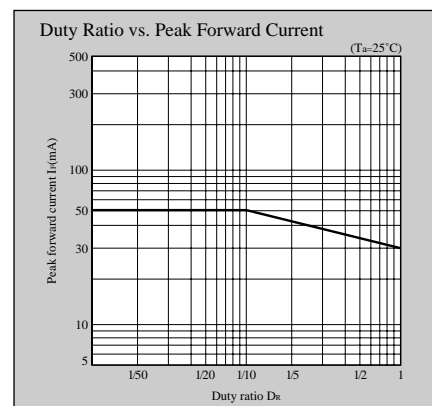
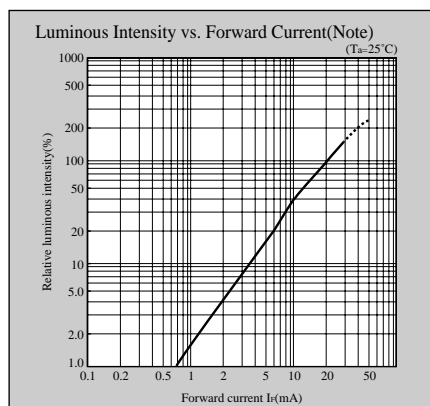
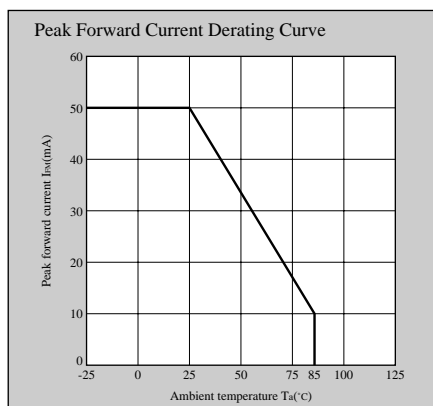
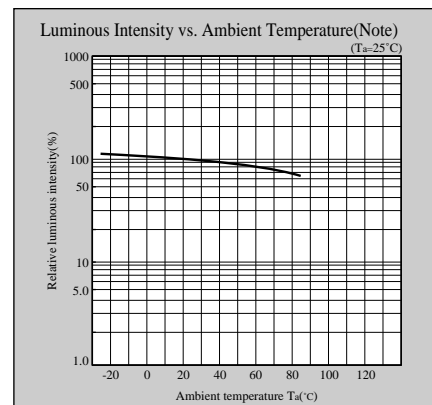
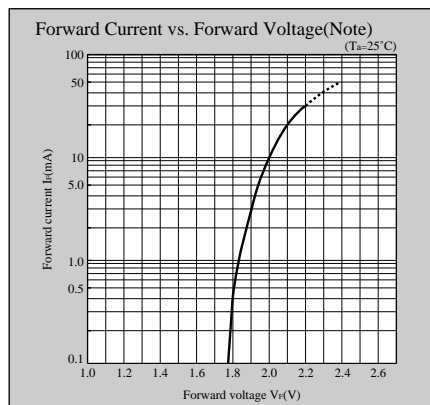
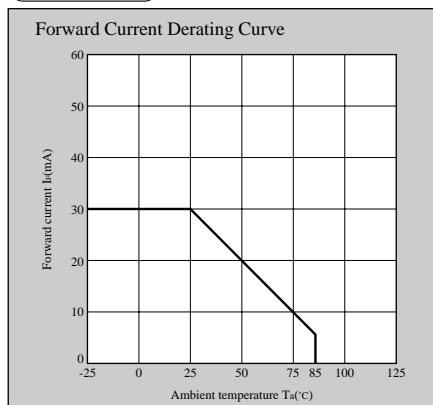
Note) Characteristics shown in diagrams are typical values. (not assurance value)

Characteristics Diagrams

EG,E,F,C series



KG,K series



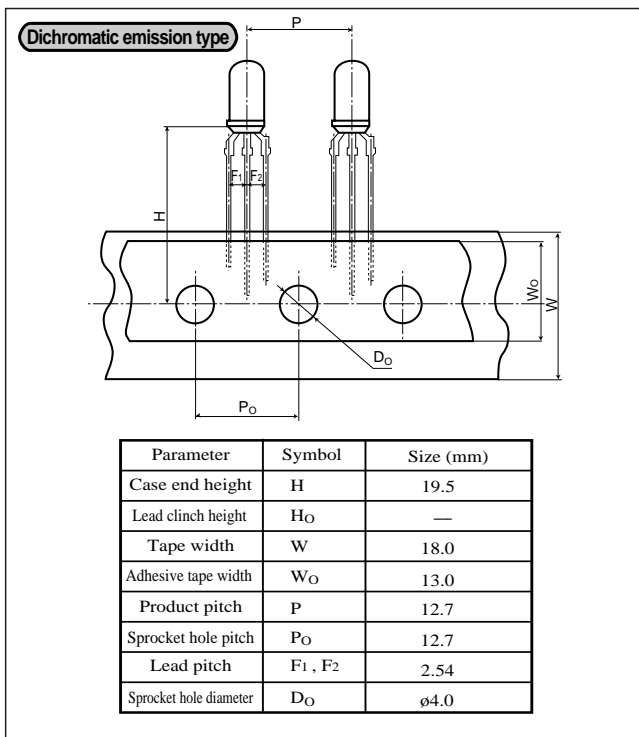
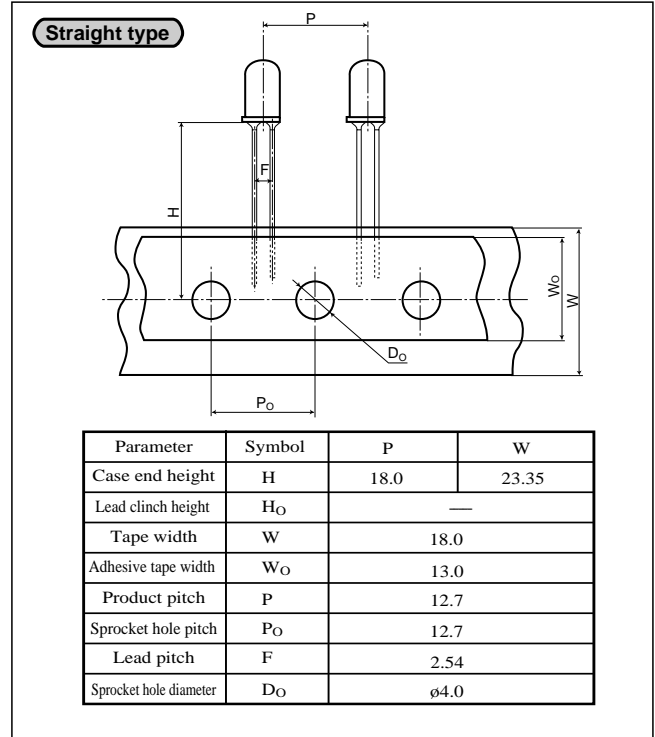
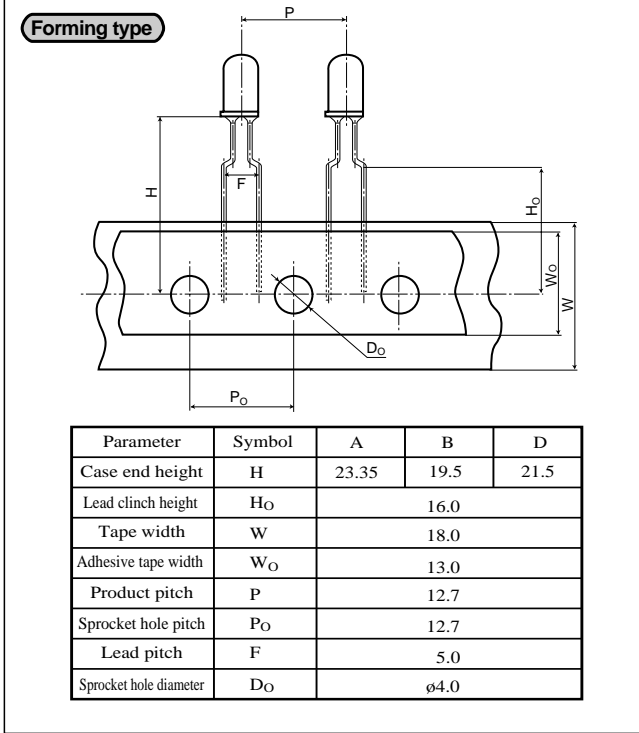
Note) Characteristics shown in diagrams are typical values. (not assurance value)

Taping Specifications

■ General Description

Sharp can supply tape-packaged LED lamps for automatic mounting. They will contribute to the high-efficiency mounting, high-precision, power saving. Please confirm before use because some products are not available in taping package.

■ Taping specification(Unit : mm, TYP. value)



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 - Alarm equipment
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