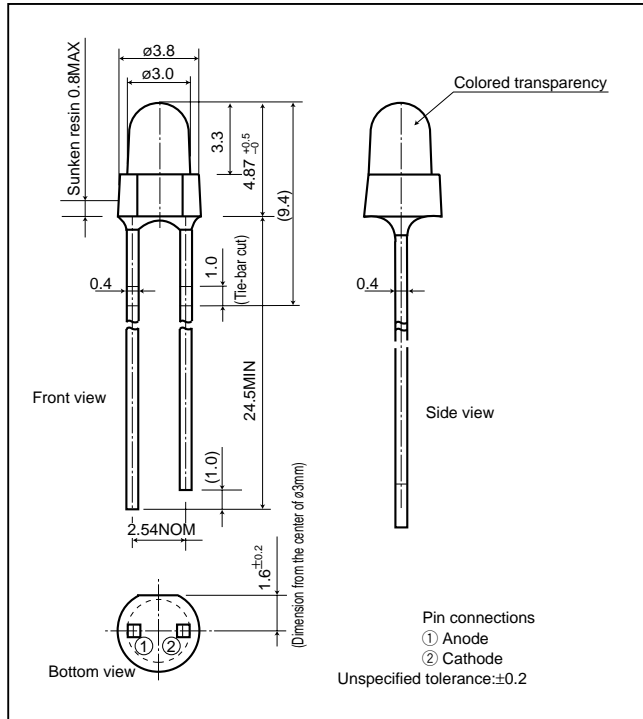


GL3J□804B0SE series

Viewing Angle: 80° (2θ1/2) ø3mm,
Cylinder Type, Colored
Transparency High-luminosity LED
Lamps for Outdoor Use

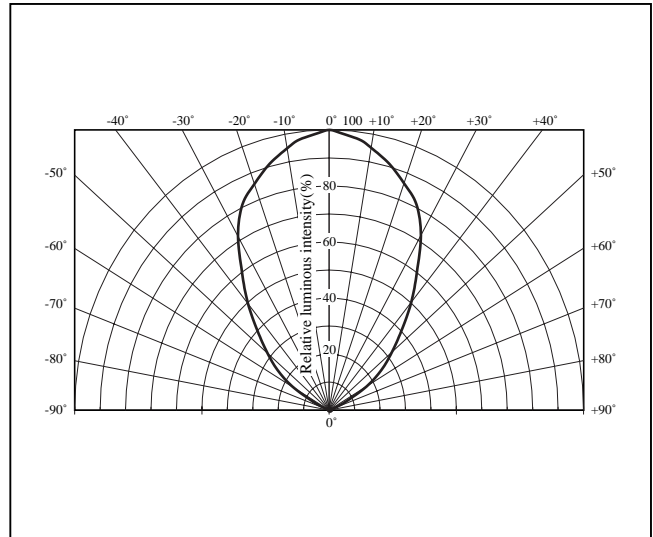
Outline Dimensions

(Unit : mm)



Directive Characteristics

(T_a=25°C)



Absolute Maximum Ratings

(T_a=25°C)

Model No.	Emitting color	Material	Power dissipation P (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				
GL3JJ804B0SE	Orange	AlGaInP on GaAs	78	30	50	0.40	0.67	5	-40 to +85	-40 to +100	260
GL3JS804B0SE	Sunset orange	AlGaInP on GaAs	78	30	50	0.40	0.67	5	-40 to +85	-40 to +100	260
GL3JV804B0SE	Amber	AlGaInP on GaAs	78	30	50	0.40	0.67	5	-40 to +85	-40 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)

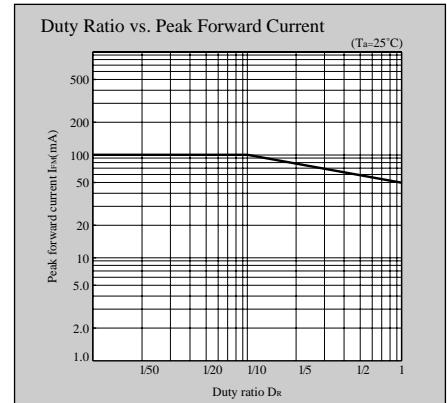
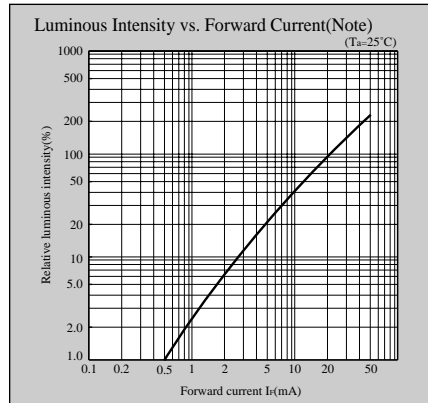
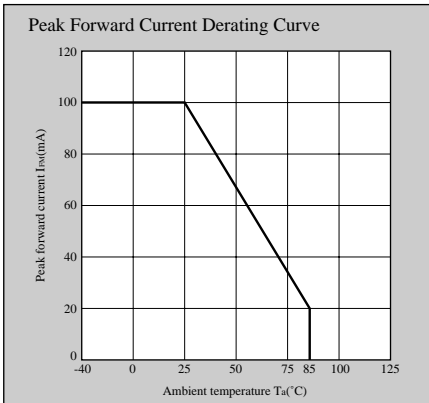
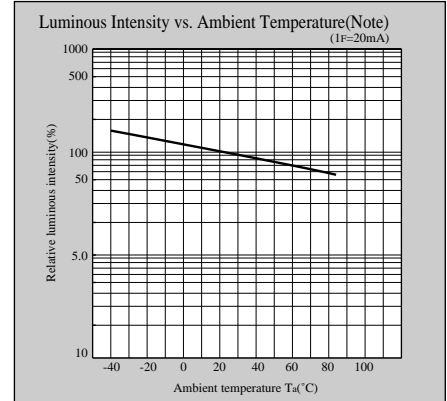
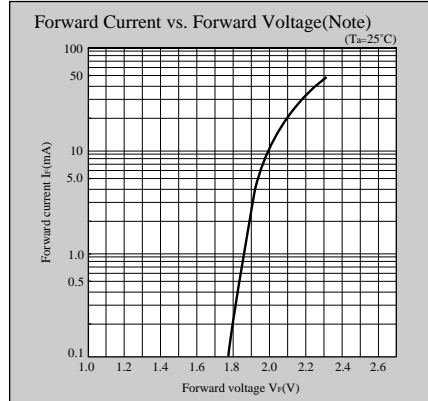
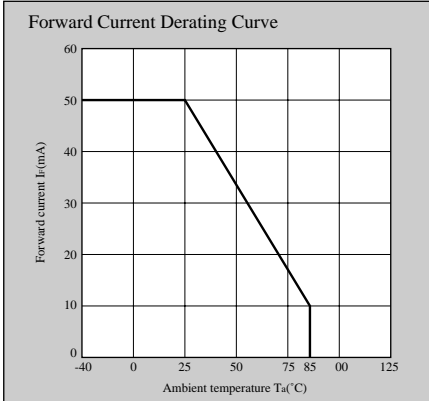
Electro-optical Characteristics

(I_F=20mA, T_a=25°C)

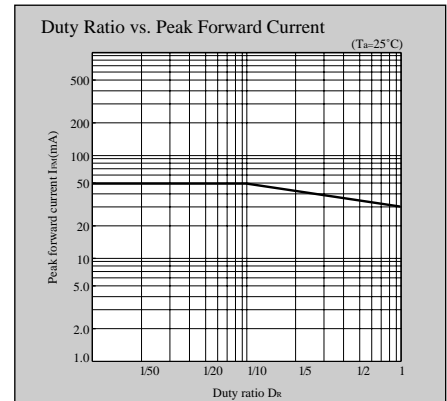
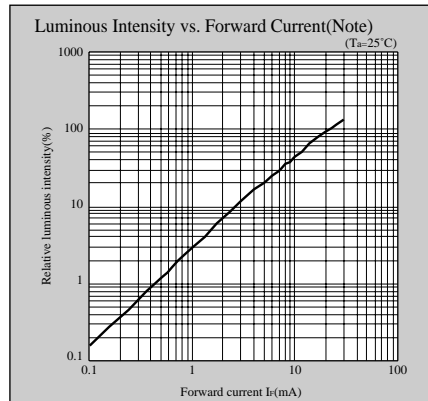
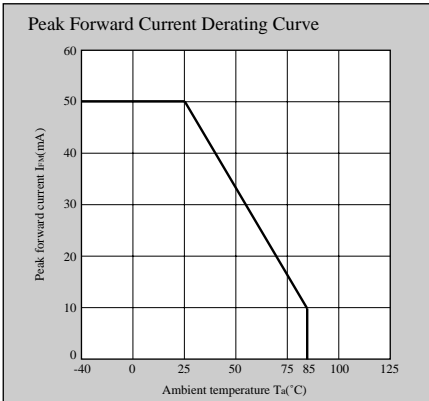
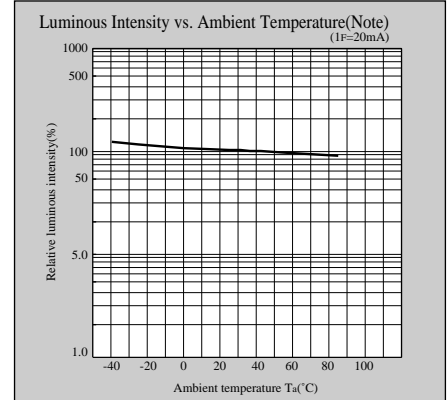
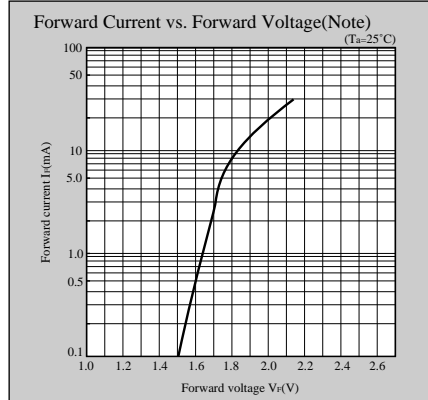
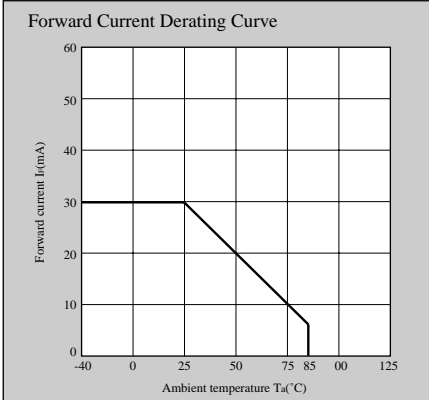
Lens type	Model No.	Forward voltage V _F (V)		Peak emission wavelength λ _p (nm) TYP	Dominant wavelength λ _d (nm) TYP	Luminous intensity I _v (mcd) TYP	Spectrum radiation bandwidth Δλ(nm) TYP	Reverse current		Terminal capacitance		Page for characteristics diagrams
		TYP	MAX					I _R (μA) MAX	V _R (V)	C _i (pF) TYP	(MHz)	
Colored transparency	GL3JJ804B0SE	2.0	2.6	627	618	100	15	100	4	30	1	97
	GL3JS804B0SE	2.0	2.6	609	605	120	15	100	4	30	1	98
	GL3JV804B0SE	2.0	2.6	591	588	110	15	100	4	30	1	98

Characteristics Diagrams

ZG series



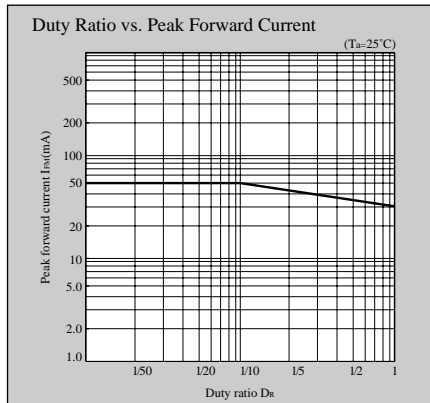
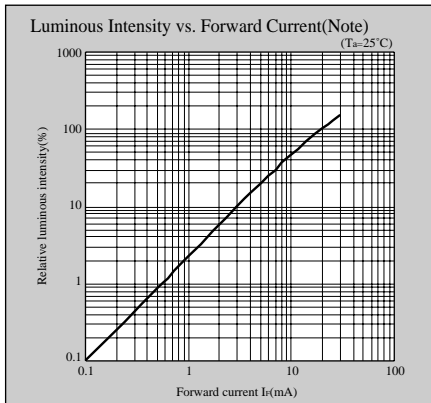
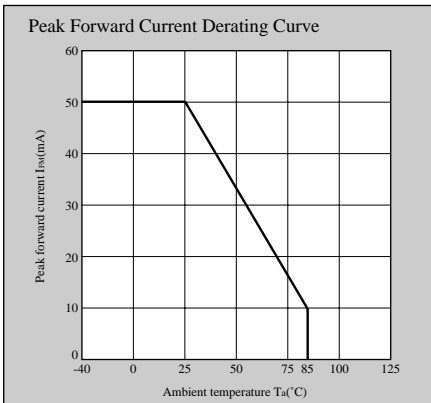
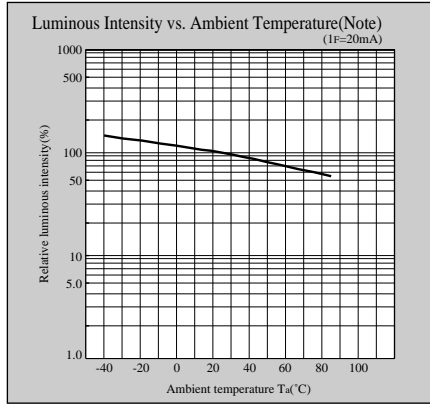
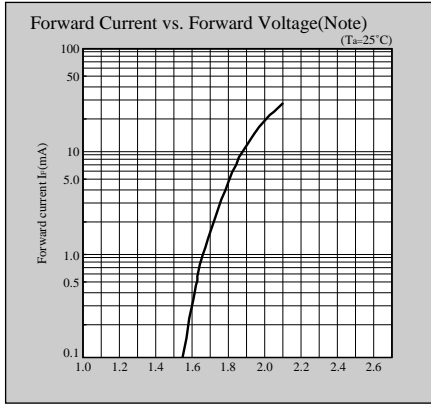
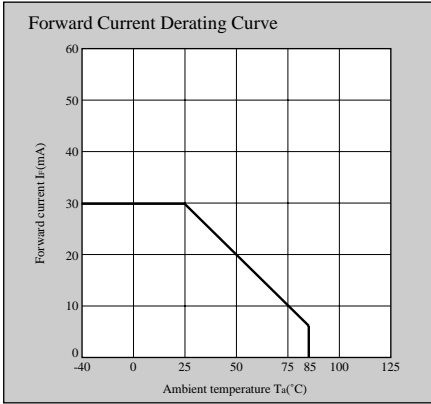
JJ series



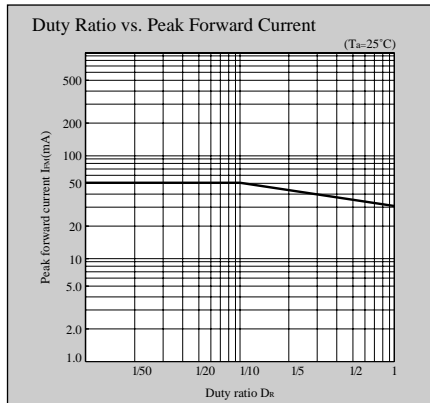
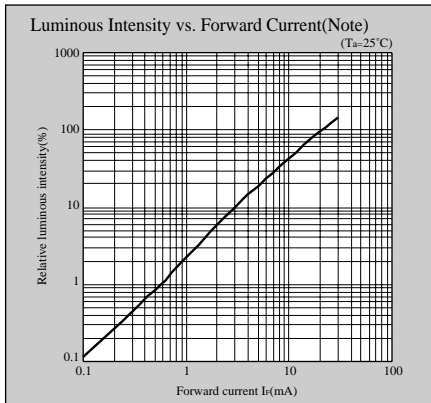
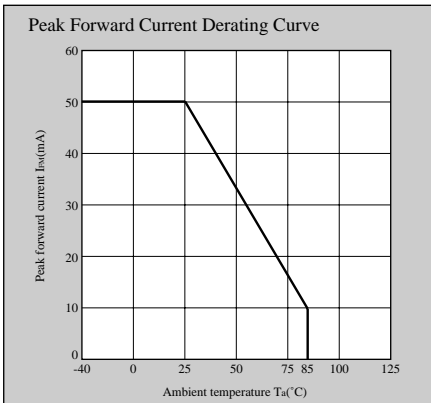
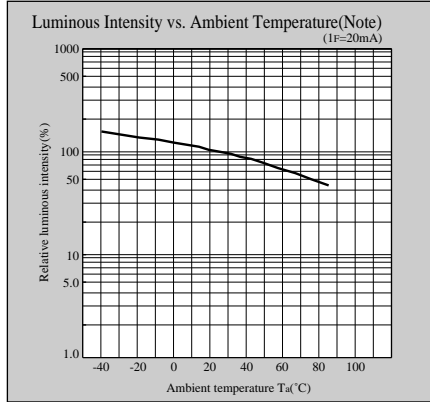
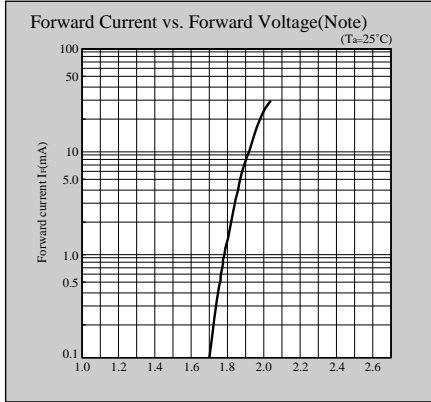
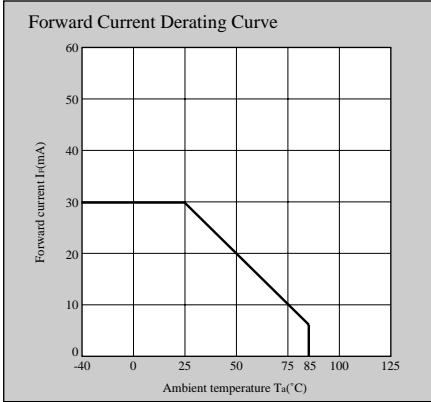
Note) Characteristics shown in diagrams are typical values. (not assurance value)

Characteristics Diagrams

JS series



JV series



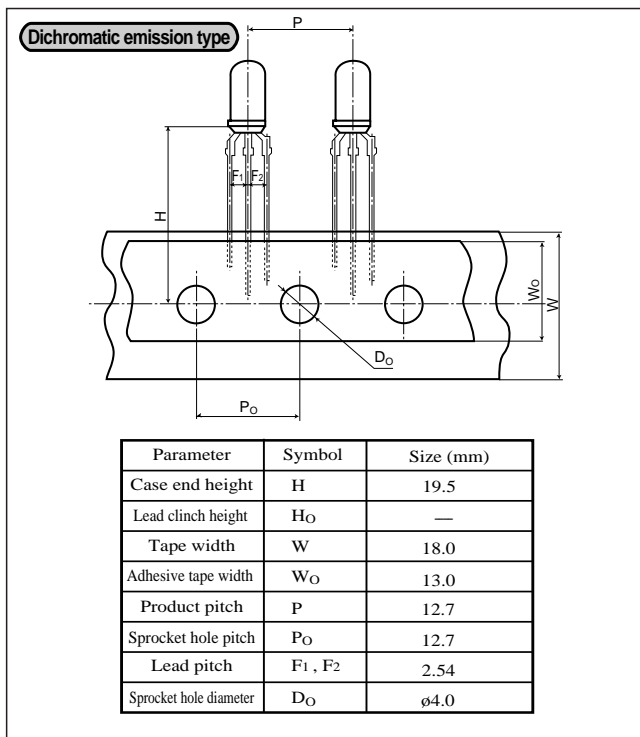
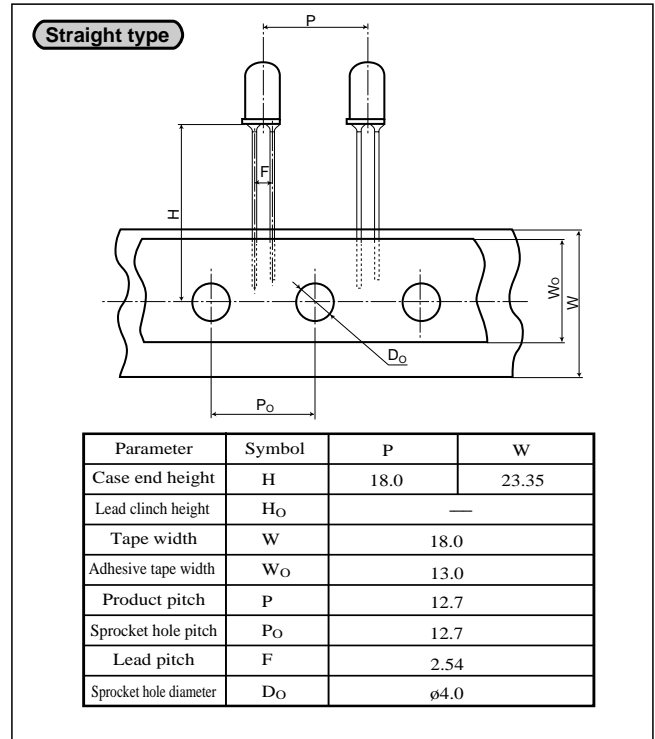
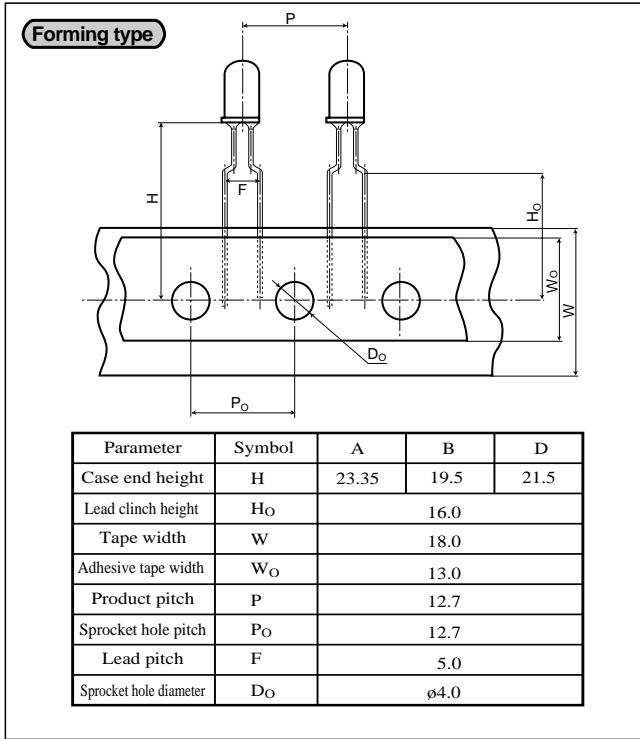
Note) Characteristics shown in diagrams are typical values. (not assurance value)

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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 - Traffic signals
 - Gas leakage sensor breakers
 - Alarm equipment
 - Various safety devices, etc.
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