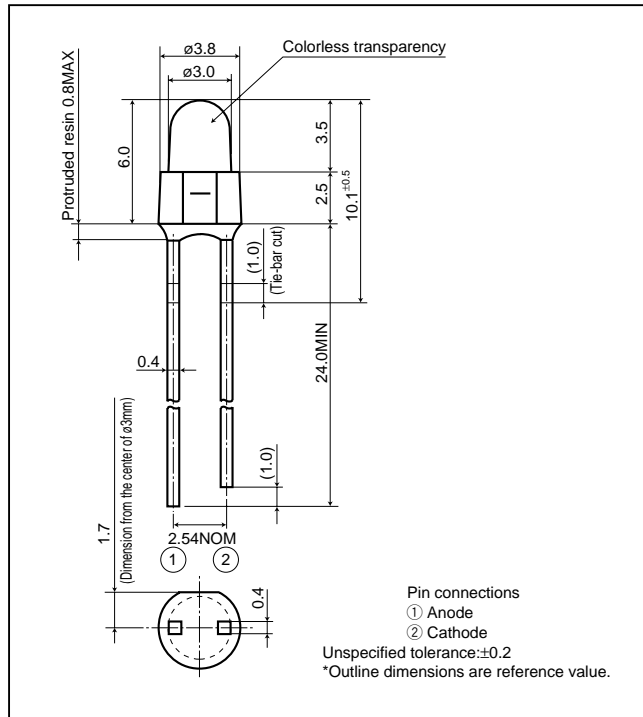


GL3BC402B0SC/GL3GC402B0SC

Viewing Angle: 40° (2θ1/2) ø3mm,
Cylinder Type, Colorless Transparency
High-luminosity LED Lamp for Indicators

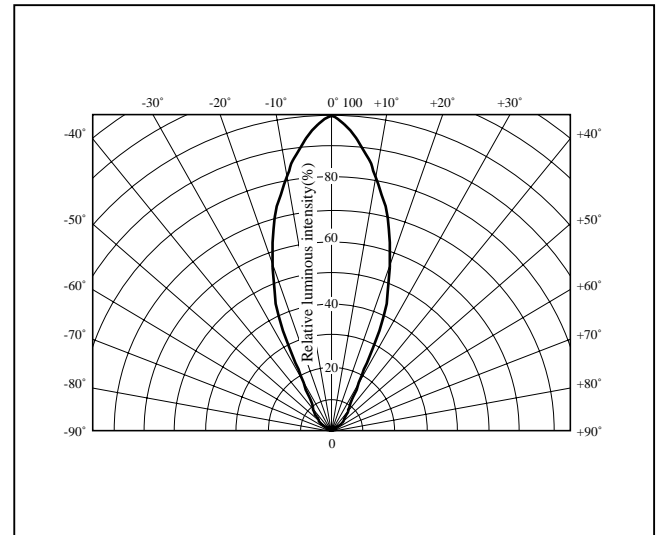
Outline Dimensions

(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				
GL3BC402B0SC	Blue	InGaN	126	30	100	0.40	1.33	5	-20 to +80	-25 to +100	260
GL3GC402B0SC	Green	InGaN	126	30	100	0.40	1.33	5	-20 to +80	-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)

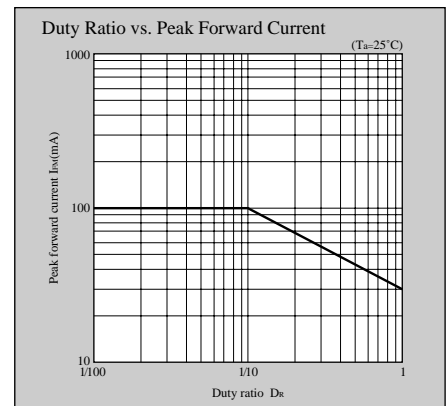
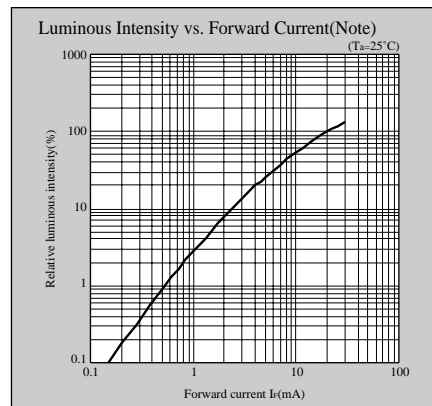
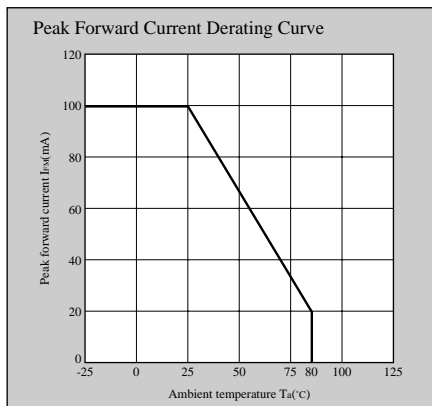
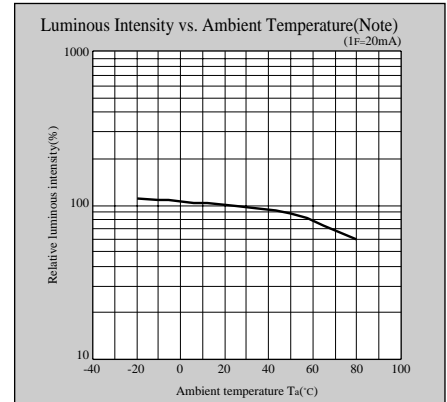
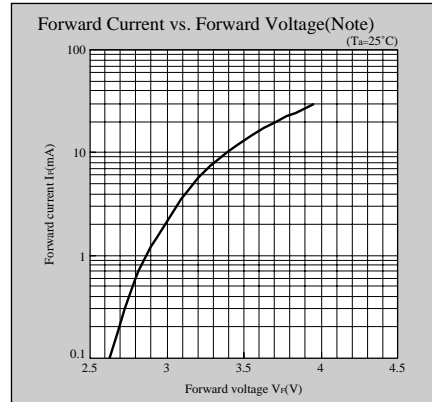
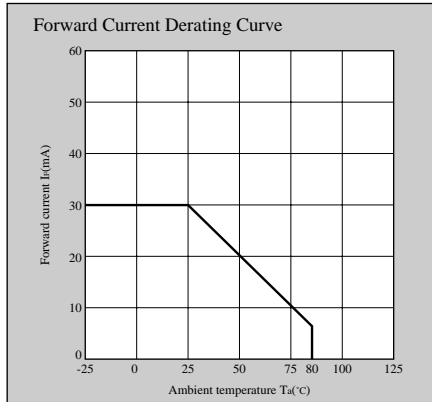
Electro-optical Characteristics

(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		Page for characteristics diagrams
		TYP	MAX					I _R (μA) MAX	V _R (V)	
Colorless transparency	GL3BC402B0SC	3.7	4.2	465	470	200	26	100	4	104
	GL3GC402B0SC	3.7	4.2	520	525	810	36	100	4	104

Characteristics Diagrams

GL3BC402B0SC/GL3GC402B0SC



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

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 - Industrial control
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 - Alarm equipment
 - Various safety devices, etc.
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