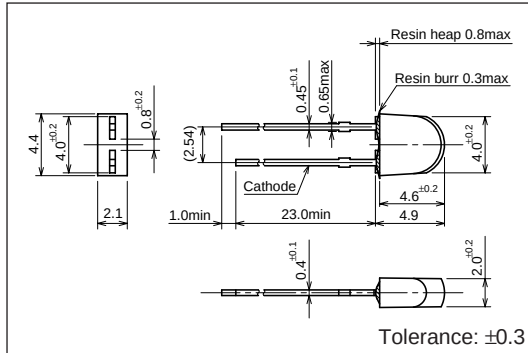


4 ϕ Bow-shaped LED (Direct Mount)

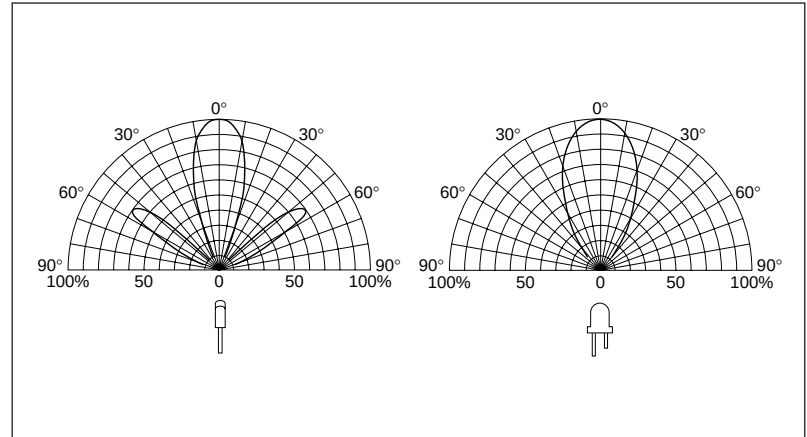
SEL6027 Series

External Dimensions

(Unit: mm)



Directivity (Typical)



Absolute maximum ratings (Ta=25°C)

Symbol	Unit	Rating	Condition
I_F	mA	30	
ΔI_F	mA/°C	-0.45	Above 25°C
I_{FP}	mA	100	f=1kHz, $t_w \leq 100\mu s$
V_R	V	3	
Top	°C	-30 to +85	
Tstg	°C	-30 to +100	

Electrical Optical characteristics (Ta=25°C)

Emitting color	Part Number	Lens color	Forward voltage		Reverse current		Intensity		Peak wavelength		Spectrum half width		Chip material	
			V _F (V)	Condition I _F (mA)	I _R (μA)	Condition V _R (V)	I _V (mcd)	Condition I _F (mA)	λ _P (nm)	Condition I _F (mA)	Δλ (nm)	Condition I _F (mA)		
														typ
Red	SEL6227S	Transparent red	1.9	2.5	10	50	3	14	20	630	10	35	10	GaAsP
Orange	SEL6927A	Transparent orange	1.9	2.5	10	50	3	10	10	587	10	33	10	
Green	SEL6427EP	Transparent green	2.0	2.5	10	50	3	26	20	560	10	20	10	GaP