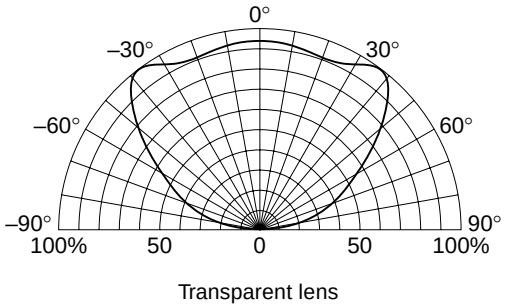
■3ϕ Round Wide Viewing Angle LEDs

SEL2014 Series

Part Number	Emitting Color		Lens Color	Forward Voltage			Luminous Intensity		Peak Wavelength		Dominant Wavelength		Spectrum Half Bandwidth		Chip Material
				VF (V) TYP	MAX	Conditions IF (mA)	Iv (mcd) TYP	Conditions IF (mA)	λP (nm) TYP	Conditions IF (mA)	λd (nm) TYP	Conditions IF (mA)	Δλ (nm) TYP	Conditions IF (mA)	
SELK2D14C-D	High luminosity	Green	Water clear	3.7	4.0	20	120	20	514	20	520	20	40	20	GaN on Si
SELK2E14C-D		Blue		3.6	4.0	20	40	20	468	20	470	20	30	20	GaN on Si
SELU2914C-S	Ultrahigh luminosity	Orange		2.0	2.5	20	180	20	591	20	590	20	15	20	AlGaInP
SELU2714C		Yellow		2.1	2.5	20	60	20	572	20	571	20	15	20	AlGaInP

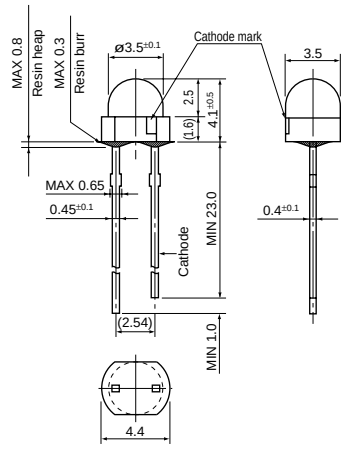
Directional Characteristics (representative example)



Transparent lens

External Dimensions (Unit: mm)

Dimensional Tolerance: ±0.3



Absolute Maximum Ratings

●Visible Light Unicolor Lamp

Parameter	Unit	Ratings						Conditions
		GaP	GaAsP	GaAlAs	AlGaInP	InGaN	GaN	
P_D	mW	75				120		
I_F	mA	30						
ΔIF	mA/°C	−0.45						25°C or higher
IFP	mA	100					70	f=1kHz, tw≤100μs
VR	V	3			5			
Top	°C	−30 to +85					−30 to +80	
Tstg	°C	−30 to +100						

●Visible Light Bicolor Lamp

Parameter	Unit	Ratings					Conditions
		GaP	GaAsP	GaAlAs	AlGaInP	InGaN	
P_D	mW	75				120	Same conditions for simultaneous lighting
I_F	mA	30					
ΔIF	mA/°C	−0.45					25°C or higher
IFP	mA	100					f=1kHz, tw≤100μs
VR	V	4			5		
Top	°C	−30 to +85					
Tstg	°C	−30 to +100					

●Visible Light Unicolor Surface Mount LEDs

Parameter	Unit	Ratings						Conditions
		GaP	GaAsP	GaAlAs	AlGaInP	InGaN	GaN	
I_F	mA	30				20		
ΔIF	mA/°C	−0.45				−0.27		25°C or higher
IFP	mA	100*1				70*2		f=1kHz, tw≤100μs
VR	V	3			5			
Top	°C	−30 to +85				−30 to +80		
Tstg	°C	−30 to +100						

*1: 70mA for SEC1005/1007 Series
*2: 50mA for SEC1005/1007 Series

●Visible Light Bicolor Surface Mount LEDs

Parameter	Unit	Ratings	Conditions
		SEC2002/2004	
P_D	mW	75	
		(Same conditions for simultaneous lighting)	
I_F	mA	30	
ΔIF	mA/°C	−0.45	25°C or higher
IFP	mA	70	f=1kHz, tw≤100μs
VR	V	4	
Top	°C	−30 to +85	
Tstg	°C	−30 to +100	

●Visible Light Three Element Surface Mount LEDs

Parameter	Unit	Ratings		Conditions
		SECT3M02C-S		
		Red	Green/Blue	
P_D	mW	75	120	When one chip lights up (same as green/blue for simultaneous lighting)
I_F	mA	30		
ΔIF	mA/°C	−0.45		25°C or higher
IFP	mA	70	50	f=1kHz, tw≤100μs
VR	V	5		
Top	°C	−30 to +80		
Tstg	°C	−30 to +100		