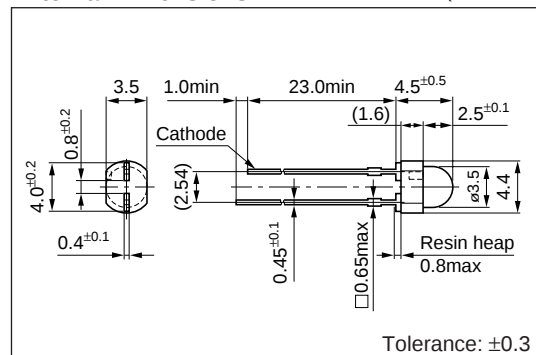


3 ϕ Round Wide-directivity LED (Direct Mount)

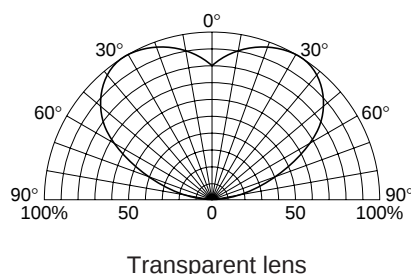
SEL6014 Series

External Dimensions

(Unit: mm)



Directivity (Typical)



Absolute maximum ratings (Ta=25°C)

Symbol	Unit	Rating		Condition
		GaAsP/GaP	AlGaInP	
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	4	
Top	°C	-30 to +85		
Tstg	°C	-30 to +100		

Electrical Optical characteristics (Ta=25°C)

Emitting color	Part Number	Lens color	Forward voltage		Condition	Reverse current		Intensity		Peak wavelength		Spectrum half width		Chip material
			V _F		I _F	I _R	Condition	I _V	Condition	λ _P	Condition	Δλ	Condition	
			typ	max	(mA)	(μA)	V _R	(mcd)	I _F	(nm)	I _F	(nm)	I _F	
Red	SEL6214S	Transparent red	1.9	2.5	10	50	3	18	20	630	10	35	10	GaAsP
Amber	SEL6814A	Transparent orange	1.9	2.5	10	50	3	9.0	10	610	10	35	10	
Ultra-high-intensity light amber	SELS6B14C	Clear	2.0	2.5	10	100	4	120	20	600	10	15	10	AlGaInP
	SEL6914A	Transparent orange	1.9	2.5	10	50	3	8.0	10	587	10	33	10	GaAsP
Orange	SEL6914W	Diffused white						5.0						
Yellow	SEL6714K	Transparent yellow	2.0	2.5	10	50	3	66	20	570	10	30	10	GaP
	SEL6714W	Diffused white						30						
Green	SEL6414E	Transparent green	2.0	2.5	10	50	3	42	20	560	10	20	10	
Deep green	SEL6414E-TG	Transparent green						18		558				
Pure green	SEL6514C	Clear	2.0	2.5	10	50	3	12	20	555	10	20	10	