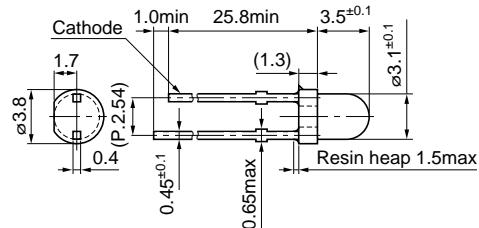


3ø round-type standard LEDs

■SEL2010 series



Outline drawing (A)

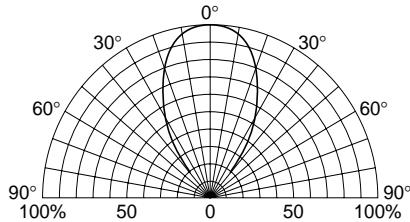


■External dimensions: Unit: mm Tolerance: ± 0.3

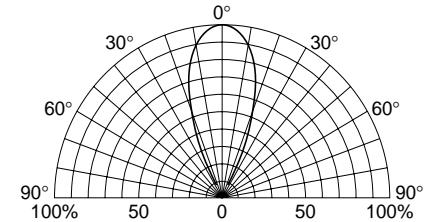
Absolute maximum ratings ($T_a=25^\circ\text{C}$)

Symbol	Unit	Ratings
I_F	mA	30
I_{FP}	mA	100
V_R	V	3
Top	$^\circ\text{C}$	-30 to +85
Tstg	$^\circ\text{C}$	-30 to +100

Viewing angle



Viewing angle of a diffused lens



Viewing angle of a non-diffused lens

Type No.	Display form (ø: mm)	Type of lens	Emitting color	Electro-optical characteristics ($T_a=25^\circ\text{C}$)								Outline drawing	
				V _F (V)		Condition I_F (mA)	I _R (μA) max	I _V (mcd)		Condition V_R (V)	λ_p	$\Delta\lambda$	
				typ	max			typ	max				
SEL2110R	●3.1	Red tinted, diffused	Red	2.0						1.1			(A)
SEL2110S	●3.1	Red tinted, non-diffused	Red	2.0						1.4	10	700	100
SEL2110W	●3.1	Un-tinted, diffused	Red	2.0						1.1			
SEL2210R	●3.1	Light red tinted, diffused	High intensity red	1.9						10.0			
SEL2210S	●3.1	Light red tinted, non-diffused	High intensity red	1.9						20.0	630	35	
SEL2210W	●3.1	Un-tinted, diffused	High intensity red	1.9						10.0			
SEL2410G	●3.1	Light green tinted, diffused	Green	2.5						10.0	560		
SEL2410E	●3.1	Light green tinted, non-diffused	Green	2.5						20.0		20	
SEL2510C	●3.1	Un-tinted, non-diffused	Pure green	2.0						25.0	555		
SEL2510G	●3.1	Green tinted, diffused	Pure green	2.0						3.7			
SEL2710Y	●3.1	Yellow tinted, diffused	Yellow	1.9						4.4	570	40	
SEL2710K	●3.1	Yellow tinted, non-diffused	Yellow	1.9						20.0			
SEL2810D	●3.1	Orange tinted, diffused	Amber	1.9						6.0	610	35	
SEL2810A	●3.1	Orange tinted, non-diffused	Amber	1.9						10.0			
SEL2910D	●3.1	Orange tinted, diffused	Orange	1.9						1.6	587	33	
SEL2910A	●3.1	Orange tinted, non-diffused	Orange	1.9						8.0			