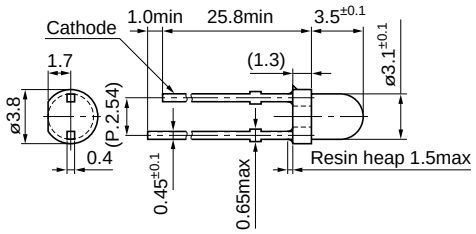
3ø round-type standard LEDs

■SEL2010 series

Outline drawing Ⓐ

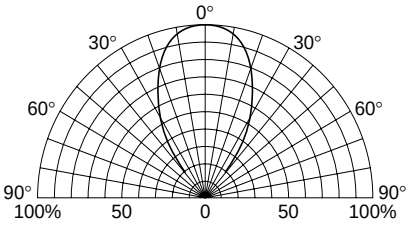


■External dimensions: Unit: mm Tolerance: ±0.3

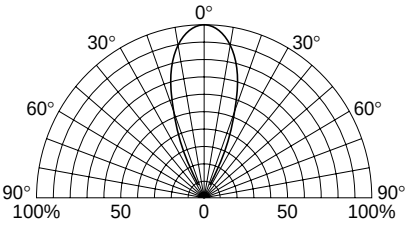
Absolute maximum ratings (Ta=25°C)

Symbol	Unit	Ratings
I_F	mA	30
I_{FP}	mA	100
V_R	V	3
Top	°C	–30 to +85
Tstg	°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 (Ta=25°C)									Outline drawing
				V_F (V)		Condition I_F (mA)	I_R (μA)	Condition V_R (V)	I_V (mcd)	Condition I_F (mA)	λp	Δλ	
				typ	max		max		typ		(nm) typ		
SEL2110R	●3.1	Red tinted, diffused	Red	2.0	2.5	10	50	3	1.1	10	700	100	Ⓐ
SEL2110S	●3.1	Red tinted, non-diffused							1.4				
SEL2110W	●3.1	Un-tinted, diffused							1.1				
SEL2210R	●3.1	Light red tinted, diffused	High intensity red	1.9					10.0	20	630	35	
SEL2210S	●3.1	Light red tinted, non-diffused							20.0				
SEL2210W	●3.1	Un-tinted, diffused							10.0				
SEL2410G	●3.1	Light green tinted, diffused	Green	2.0					10.0		560	20	
SEL2410E	●3.1	Light green tinted, non-diffused							20.0				
SEL2510C	●3.1	Un-tinted, non-diffused	Pure green						25.0		555		
SEL2510G	●3.1	Green tinted, diffused							3.7				
SEL2710Y	●3.1	Yellow tinted, diffused	Yellow						4.4	10	570	40	
SEL2710K	●3.1	Yellow tinted, non-diffused							20.0				
SEL2810D	●3.1	Orange tinted, diffused	Amber	1.9					6.0		610	35	
SEL2810A	●3.1	Orange tinted, non-diffused							10.0				
SEL2910D	●3.1	Orange tinted, diffused	Orange						1.6		587	33	
SEL2910A	●3.1	Orange tinted, non-diffused							8.0				