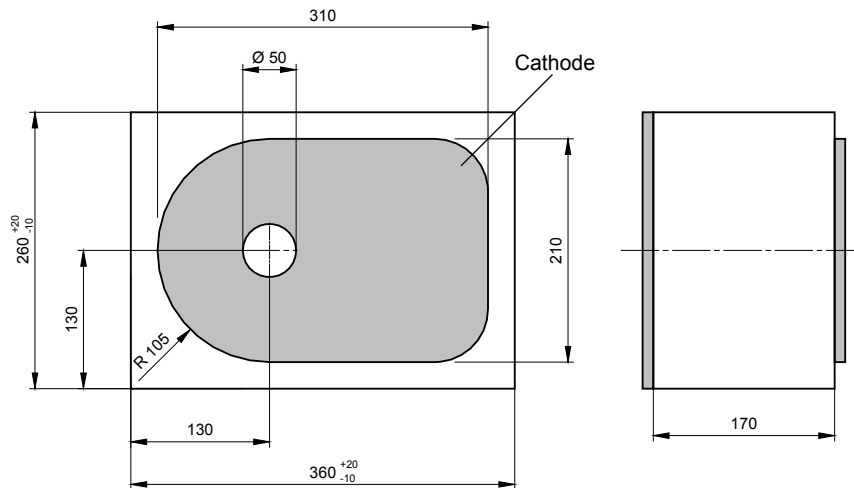


Color	Type	Technology	Electrodes
Red	Point source, 50 μm	AllnGaP/GaAs	N (cathode) up

Outline (dimensions in microns)



Maximum Ratings

$T_{\text{amb}} = 25^{\circ}\text{C}$, unless otherwise specified

Parameter	Test conditions	Symbol	Value	Unit
Forward current (DC)		I_F	10	mA

Optical and Electrical Characteristics

$T_{\text{amb}} = 25^{\circ}\text{C}$, unless otherwise specified

Parameter	Test conditions	Symbol	Min	Typ	Max	Unit
Forward voltage	$I_F = 5 \text{ mA}$	V_F		2.0	2.5	V
Reverse voltage	$I_R = 10 \mu\text{A}$	V_R	5			V
Radiant power	$I_F = 5 \text{ mA}$	Φ_e	40	55		μW
Luminous intensity	$I_F = 5 \text{ mA}$	I_v	1,7	2.5		mcd
Peak wavelength	$I_F = 5 \text{ mA}$	λ_p		645		nm
Spectral bandwidth at 50%	$I_F = 5 \text{ mA}$	$\Delta\lambda_{0.5}$		25		nm

Labeling

Type	Lot N°	Φ_e (min, typ), V_F (typ, max)	Quantity
ELC-645-29-2			

Packing: Chips on adhesive film with wire-bond side on top