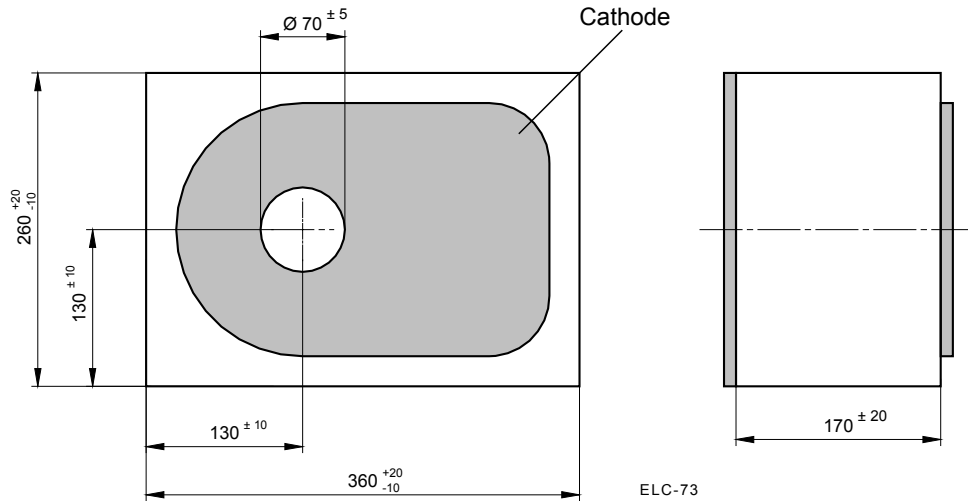


Color	Type	Technology	Electrodes
Red	Point source, 70 μm	AllnGaP/GaAs	N (cathode) up

### Outline (dimensions in microns)



### Maximum Ratings

T<sub>amb</sub> = 25°C, unless otherwise specified

Parameter	Test conditions	Symbol	Value	Unit
Forward current (DC)		I <sub>F</sub>	10	mA

### Optical and Electrical Characteristics

T<sub>amb</sub> = 25°C, unless otherwise specified

Parameter	Test conditions	Symbol	Min	Typ	Max	Unit
Forward voltage	I <sub>F</sub> = 5 mA	V <sub>F</sub>		2.0	2.5	V
Reverse voltage	I <sub>R</sub> = 10 μA	V <sub>R</sub>	5			V
Radiant power	I <sub>F</sub> = 5 mA	Φ <sub>e</sub>	40	75		μW
Luminous intensity	I <sub>F</sub> = 5 mA	I <sub>v</sub>	2	3		mcd
Peak wavelength	I <sub>F</sub> = 5 mA	λ <sub>p</sub>		645		nm
Spectral bandwidth at 50%	I <sub>F</sub> = 5 mA	Δλ <sub>0.5</sub>		25		nm

### Labeling

Type	Lot N°	Φ <sub>e</sub> (min, typ), V <sub>F</sub> (typ, max)	Quantity
ELC-595-29-2			

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