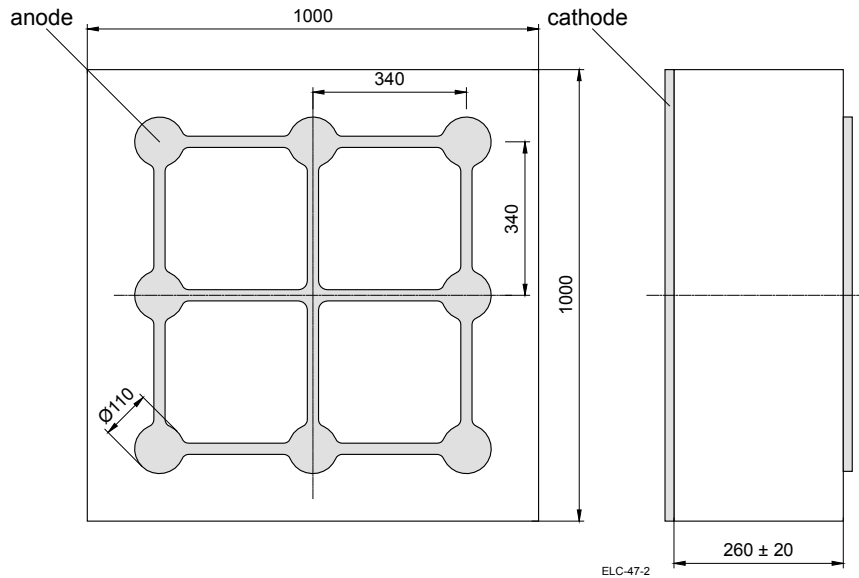


Color	Type	Technology	Electrodes
Red-orange	Power chip, solder able	AllnGaP/GaAs	P (anode) up

Outline (dimensions in microns)



Optical and Electrical Characteristics

T_{amb} = 25°C, unless otherwise specified

Parameter	Test conditions	Symbol	Min	Typ	Max	Unit
Forward voltage	I _F = 300 mA	V _F		2.3	2.8	V
Reverse voltage	I _R = 10 µA	V _R	5			V
Radiant power*	I _F = 300 mA	Φ _e		25		mW
Luminous intensity*	I _F = 300 mA	I _v		900		mcd
Peak wavelength	I _F = 300 mA	λ _p	630	640	650	nm
Spectral bandwidth at 50%	I _F = 300 mA	Δλ _{0.5}		20		nm
Switching time	I _F = 300 mA	t _r , t _f		100		ns

*Packaged in TO-18 housing with epoxy resin cap, in cylindrical copper heatsink

Labeling

Type	Lot N°	Φ _e (min, typ), V _F (typ, max)	Quantity
ELC-635-19-2			

Packing

Chips on adhesive film with wire-bond side on top