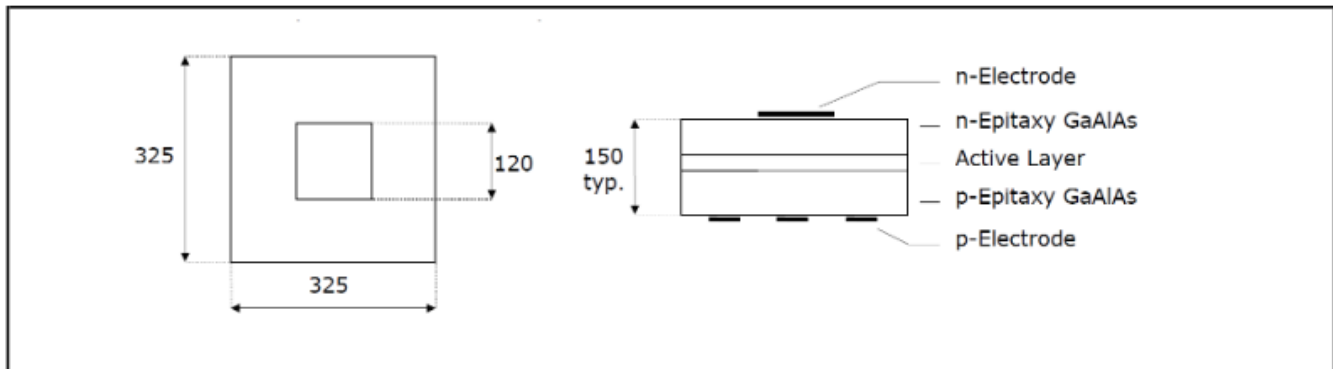




ELC-760-25

Radiation	Type	Electrodes
Infrared	AlGaAs, DDH	N (cathode) up



Optical and Electrical Characteristics

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

Parameter	Test cond.	Symbol	Min	Typ	Max	Unit
Forward voltage	$I_F = 20 \text{ mA}$	V_F		1.65	2	V
Reverse voltage	$I_R = 100 \mu\text{A}$	V_R	5			V
Output power	$I_F = 20 \text{ mA}$	Φ_e	1.5	2.5		mW
Switching time	$I_F = 20 \text{ mA}$	t_r, t_f		40; 30		ns
Peak wavelength	$I_F = 20 \text{ mA}$	λ_p	755	760	765	nm
Spectral bandwidth at 50%	$I_F = 20 \text{ mA}$	$\Delta\lambda_{0.5}$		27		nm

*Power measurement on gold plate

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