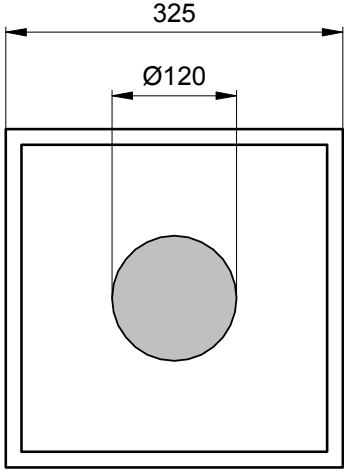


Radiation	Type	Technology	Electrodes
Infrared	DDH	AlGaAs/AlGaAs	N (cathode) up

 LED-03	typ. dimensions (μm)	
	typ. thickness 150 (±25) μm	
	cathode gold alloy, 1.5 μm	
	anode gold alloy, 0.5 μm	

Optical and Electrical Characteristics

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

Parameter	Test conditions	Symbol	Min	Typ	Max	Unit
Forward voltage	I _F = 20 mA	V _F		1.7	2.0	V
Reverse voltage	I _R = 100 μA	V _R	5			V
Radiant power*	I _F = 20 mA	Φ _e	1.5	2.5		mW
Peak wavelength	I _F = 20 mA	λ _p	730	740	750	nm
Spectral bandwidth at 50%	I _F = 20 mA	Δλ _{0.5}		30		nm
Switching time	I _F = 20 mA	t _r , t _f		40		ns

*Measured on bare chip on TO-18 header with *EPIGAP* equipment

Labeling

Type	Lot N°	Φ _e (typ) [mW]	V _F (typ) [V]	Quantity
ELC-740-25				

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