

# EPIGAP Optronik GmbH

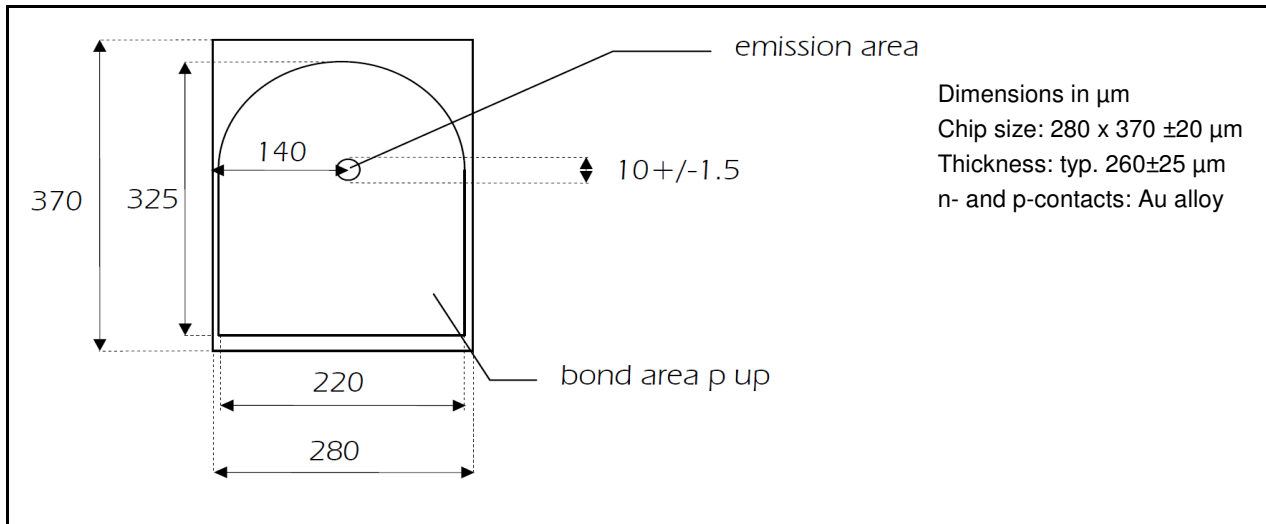
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## LED Chip Vis Point Source EOLC-625-19-09-Ø10

Rev. 03, 2017

Radiation	Type	Electrodes
red	AlInGaP/GaAs	P (anode) up



### Absolute Maximum Ratings

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

Parameter	Symbol	Rating	Unit
Forward current	$I_F$	5	mA
Reverse voltage	$V_R$	5	V

### Optical and Electrical Characteristics\*

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

Parameter	Test cond.	Symbol	Min	Typ	Max	Unit
Forward voltage	$I_F = 5 \text{ mA}$	$V_F$		2.15	2.5	V
Reverse current	$V_R = 5 \text{ V}$	$I_R$			100	$\mu\text{A}$
Luminous intensity*	$I_F = 5 \text{ mA}$	$I_V$		0.45		mcd
Luminous flux*	$I_F = 5 \text{ mA}$	$\Phi_V$		90		mlm
Radiant intensity*	$I_F = 5 \text{ mA}$	$I_e$		1.8		$\mu\text{W}/\text{sr}$
Radiant power*	$I_F = 5 \text{ mA}$	$\Phi_e$		8		$\mu\text{W}$
Dominant wavelength	$I_F = 5 \text{ mA}$	$\lambda_D$	618	625	631	nm
Peak wavelength	$I_F = 5 \text{ mA}$	$\lambda_P$		633		nm
FWHM	$I_F = 5 \text{ mA}$	$\Delta\lambda_{0.5}$		18		nm

\*Measured on bare chip on TO-18 header

### Packing

Dice on adhesive film with wire bond side on top



We reserve the right to make changes to improve technical design and may do so without further notice. Parameters can vary in different applications. All operating parameters must be validated for each customer application by the customer.