

EPIGAP Optronik GmbH

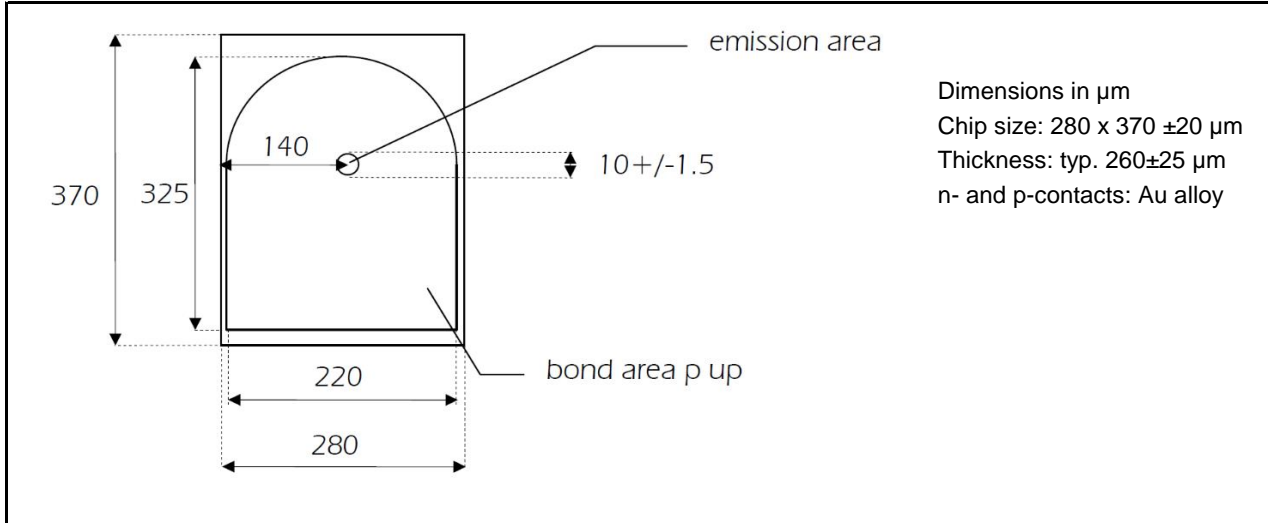
Koepenicker Str. 325b
 D-12555 Berlin
 Fon: +49 (0)30 657637 60
 Fax: +49 (0)30 657637 70
 sales@epigap-optronic.de



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

Rev. 03, 2017

Radiation	Type	Electrodes
red	AllnGaP/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	μA
Luminous intensity*	$I_F = 5 \text{ mA}$	I_V		0.45		mcd
Luminous flux*	$I_F = 5 \text{ mA}$	Φ_V		90		mlm
Radiant intensity*	$I_F = 5 \text{ mA}$	I_e		1.8		$\mu\text{W}/\text{sr}$
Radiant power*	$I_F = 5 \text{ mA}$	Φ_e		8		μW
Dominant wavelength	$I_F = 5 \text{ mA}$	λ_D	618	625	631	nm
Peak wavelength	$I_F = 5 \text{ mA}$	λ_P		633		nm
FWHM	$I_F = 5 \text{ mA}$	$\Delta\lambda_{0.5}$		18		nm

*Measured on bare chip on TO-18 header

Packing

Die on adhesive film with wire bond side on top

