

EPIGAP Optronik GmbH

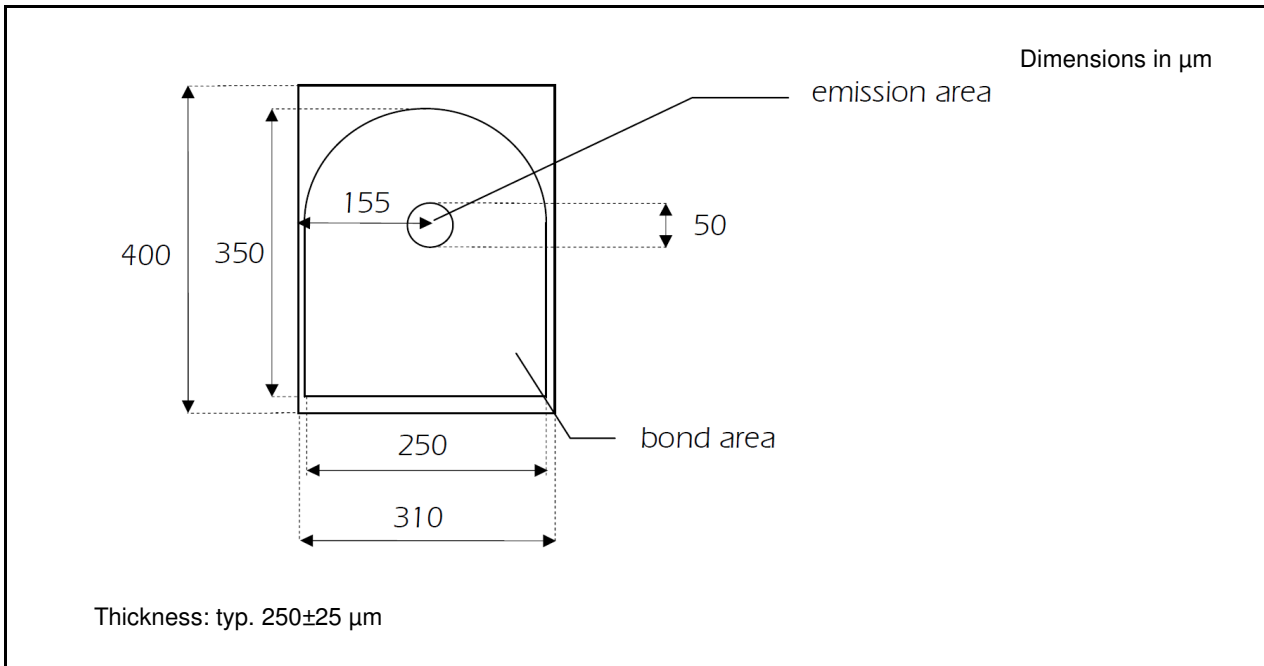
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LED Chip Vis Point Source EOLC-625-19-20 Ø50

Rev. 03, 2017

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



Absolute Maximum Ratings

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

Parameter	Symbol	Rating	Unit
Forward current	I _F	10	mA
Reverse voltage	V _R	5	V

Optical and Electrical Characteristics*

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

Parameter	Test cond.	Symbol	Min	Typ	Max	Unit
Forward voltage	I _F =5 mA	V _F		2.15	2.55	V
Reverse current	V _R =5 V	I _R			100	µA
Luminous intensity*	I _F =0.5 mA	I _V		250		µcd
Luminous intensity*	I _F =5 mA	I _V	4	6		mcd
Dominant wavelength	I _F =5 mA	λ _D	618	625	630	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.