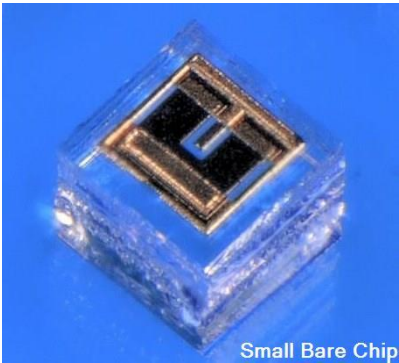


# Products

## Bare chip



Small（500μm×500μm）bare chip

Peak Wavelength	λp（nm）	IF=20mA	308	310	325	340
Power Output	Po（mW）	IF=20mA	4.8	4.8	3.5	4.2
		IF=50mA	12.0	12.0	8.7	10.5
Standard Spec	Electrode	Au Pad				
		AuSn Pad				

Middle（750μm×780μm）bare chip

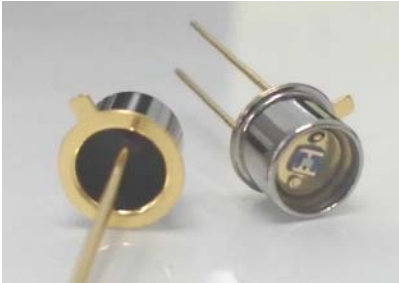
Peak Wavelength	λp（nm）	IF=100mA	308	310	325	340
Power Output	Po（mW）	IF=100mA	24	24	22	20
Standard Spec	Electrode	Au Pad				
		AuSn Pad				

Large（1000μm×1000μm）bare chip

Peak Wavelength	λp（nm）	IF=350mA	308	310	325	340
Power Output	Po（mW）	IF=350mA	70	70	62	70
Standard Spec	Electrode	Au Pad				
		AuSn Pad				

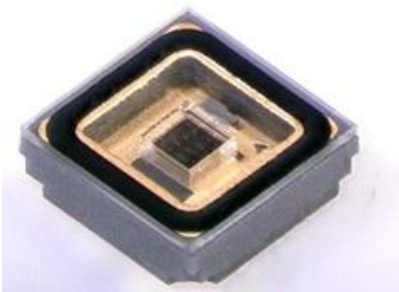
※We can supply not only bare chip but also bare chip on submount. If you need bare chip on submount, please contact us.

## TO Metal Can



Peak Wavelength	310nm, 325nm, 340nm					
Product type	xFxVL-1H321	xFxVL-1H331	xFxVL-1H211	xFxVL-1H411	xFxVL-1F111	xFxVL-1F131
Viewing half angle(°)	6	6	24	40	113	114
Lends type	Hemi	Hemi	Hemi	Hemi	Flat	Flat
TO type	TO46S	TO39	TO18	TO18	TO18	TO39
TO diameter (mm)	φ5	φ9	φ5	φ5	φ5	φ9
Standard Spec						





## Hermetic Sealed SMD



Middle power SMD (Middle size: 750μm×780μm chip mounted)

Peak Wavelength	λp (nm)	IF=100mA	308	310	325	340
Power Output	Po (mW)	IF=100mA	19	19	14	14
Standard Spec						

High power SMD (Large size: 1000μm×1000μm chip mounted)

Peak Wavelength	λp (nm)	IF=350mA	308	310	325	340
Power Output	Po (mW)	IF=350mA	50	50	47	44
Standard Spec						

## Hermetic Sealed SMD / Narrowest 35deg beam angle

Narrowest 35deg Middle power SMD (Middle size: 750μm×780μm chip mounted)

Peak Wavelength	λp (nm)	IF=100mA	308	310	325	340
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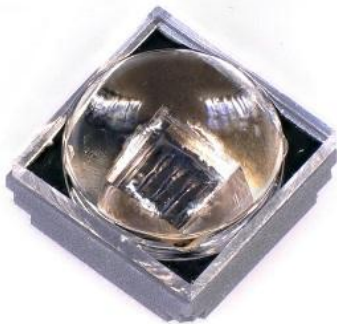


Power Output	Po (mW)	IF=100mA	16	16	13	14
Standard Spec			<a href="#">PDF</a>	<a href="#">PDF</a>	<a href="#">PDF</a>	<a href="#">PDF</a>

Narrowest 35deg High power SMD (Large size: 1000μm×1000μm chip mounted)

Peak Wavelength	λp (nm)	IF=350mA	308	310	325	340
Power Output	Po (mW)	IF=350mA	43	43	41	41
Standard Spec			<a href="#">PDF</a>	<a href="#">PDF</a>	<a href="#">PDF</a>	<a href="#">PDF</a>

## Hermetic Sealed SMD / Narrower 65deg beam angle



Narrowest 65deg Middle power SMD (Middle size: 750μm×780μm chip mounted)

Peak Wavelength	λp (nm)	IF=100mA	308	310	325	340
Power Output	Po (mW)	IF=100mA	18	18	14	14
Standard Spec			<a href="#">PDF</a>	<a href="#">PDF</a>	<a href="#">PDF</a>	<a href="#">PDF</a>

Narrower 65deg High power SMD (Large size: 1000μm×1000μm chip mounted)

Peak Wavelength	λp (nm)	IF=350mA	308	310	325	340
Power Output	Po (mW)	IF=350mA	47	47	45	44
Standard Spec			<a href="#">PDF</a>	<a href="#">PDF</a>	<a href="#">PDF</a>	<a href="#">PDF</a>

## Module



Peak Wavelength		300nm	310nm
Numbers of mounted LEDs	3 x 3		<a href="#">PDF</a>
	5 x 5		

# CONTACT

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