

OPA5930UY

Ultra Bright

Ultra Yellow LED Chip

AlGaInP / GaAs

1. Material Substrate GaAs (N Type)
Epitaxial Layer AlGaInP (P/N Type)

2. Electrode N (Cathode) Side Gold Alloy
P (Anode) Side Gold Alloy

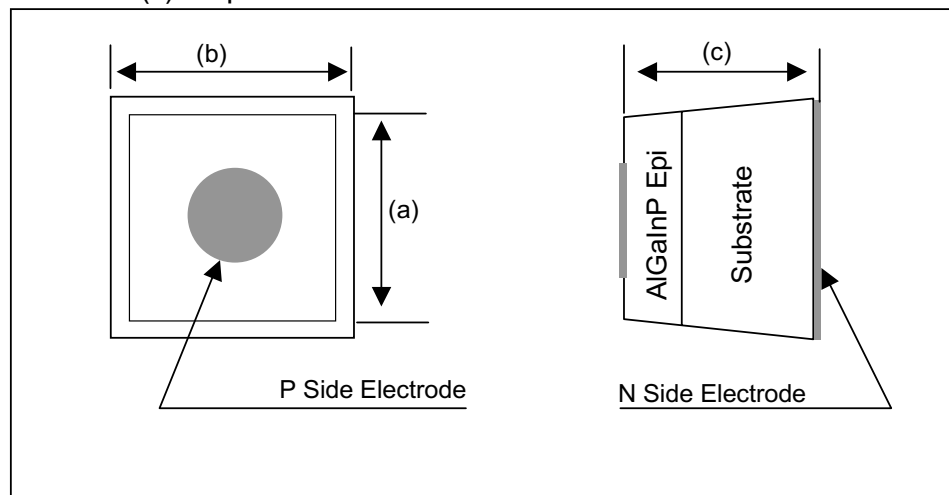
3. Electro-Optical Characteristics

Parameter	Symbol	Min	Typ	Max	Unit	Condition
Forward Voltage	$V_{F(1)}$		1.7		V	$I_F=1mA$
	$V_{F(2)}$		2.0	2.4	V	$I_F=20mA$
Reverse Voltage	V_R	6.0			V	$I_R=100\mu A$
Brightness	I_V	A	15	26	mcd	$I_F=20mA$
		B	25	40		
		C	35	54		
		D	50	68		
		E	60	90		
		F	75	100		
Wavelength	λ_P		591		nm	$I_F=20mA$
	λ_D		589		nm	$I_F=20mA$
	$\Delta\lambda$		15		nm	$I_F=20mA$

※ Note : Assembled into TO-18 Header without resin coating.

4. Mechanical Data

- (a) Emission Area ----- 11mil × 11mil
- (b) Bottom Area ----- 12mil × 12mil
- (c) Chip Thickness ----- 7mil



Knowledge*on Inc.

For more information, visit our website at www.knowledge-on.com

513-37 Eoyang-dong, Iksan, 570-210, Korea. Tel: +82-63-839-1111. Fax: +82-63-835-8259

