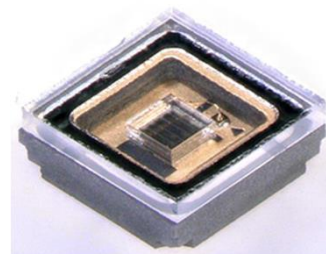
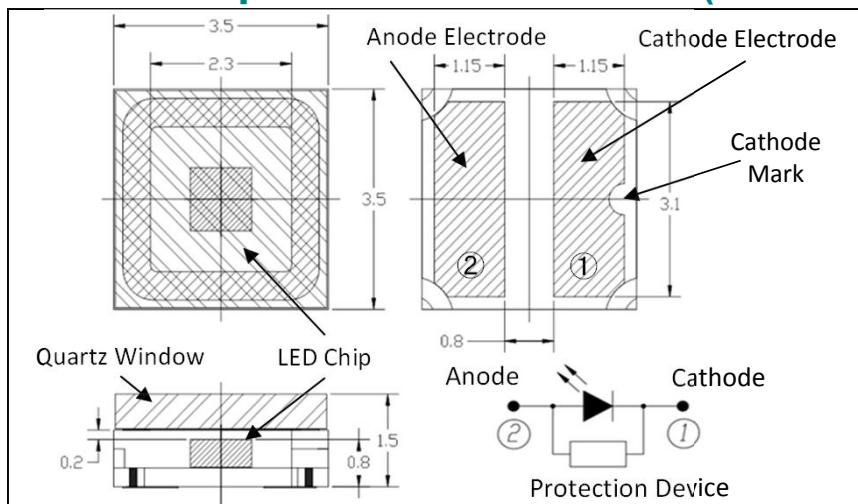


## MODEL YL-P3535F-300nm(LU) series

### 3.5 x 3.5mm SMD Flat Top Type

#### Mechanical Specifications and Materials (Unit: mm)



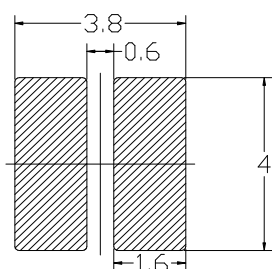
**Product ID**

**295nm: YL-P3535F-300nm(LU)**

#### Typical Optical-Electrical Characteristics ( $T_a=25^\circ\text{C}$ )

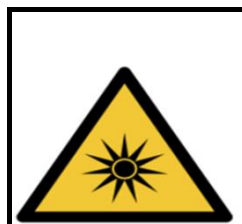
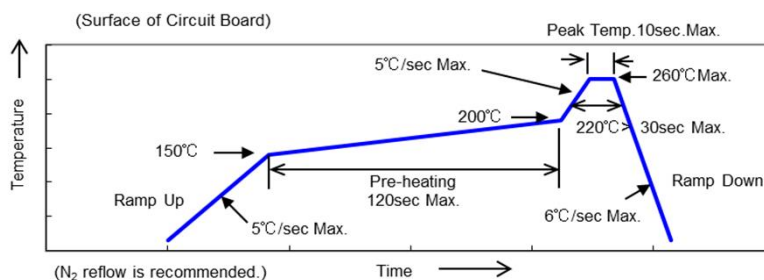
Item	Symbol	Unit	300nm					
			IF=350mA			IF=600mA		
			Min	Typ	Max	Min	Typ	Max
Peak Wavelength	$\rho$	nm	290	295	300	-	(295)	-
Radiant Flux	$P_o$	mW	-	<b>30</b>	-	-	<b>45</b>	-
Full Width at Half Maximum	$\Delta$	nm	-	12	-	-	(12)	-
Forward Voltage	$V_F$	V	-	6.0	-	-	6.6	-
Viewing Half Angle	$2\theta_{1/2}$	deg.	-	120	-	-	120	-

#### Recommended solder pad



Unit : mm

#### Reflow soldering profile



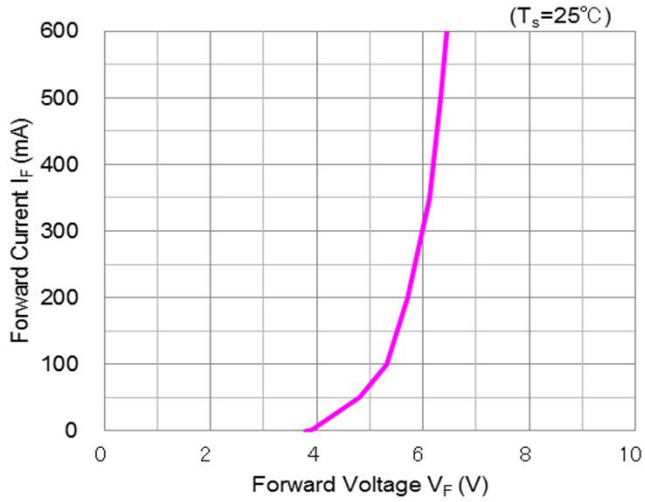
#### WARNING

- LEDs emit very strong UV radiation.
- Do not look at the LED light with the naked eye or irradiate the skin.  
UV radiation can harm your eyes and skin.
- To prevent UV radiation exposure, wear protective eyewear and protective equipment.
- If LEDs are embedded in devices, please indicate warning labels against the UV light LED used.
- Keep out of reach of children.
- Specification and dimension are subject to change for improvement without notice.

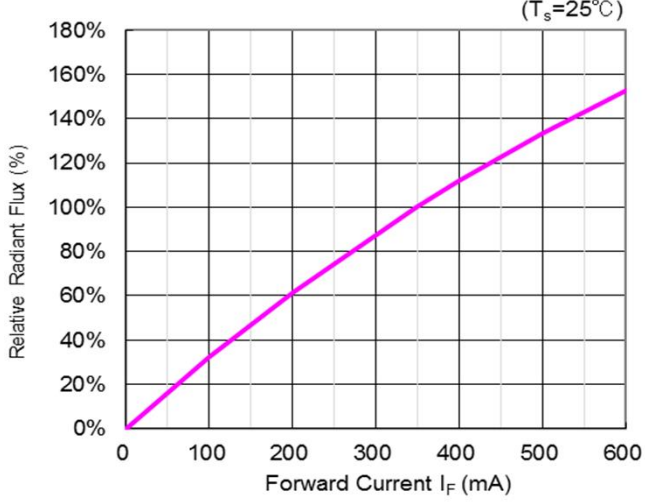
## MODEL YL-P3535F-300nm(LU) series

### 3.5 x 3.5mm SMD Flat Top Type

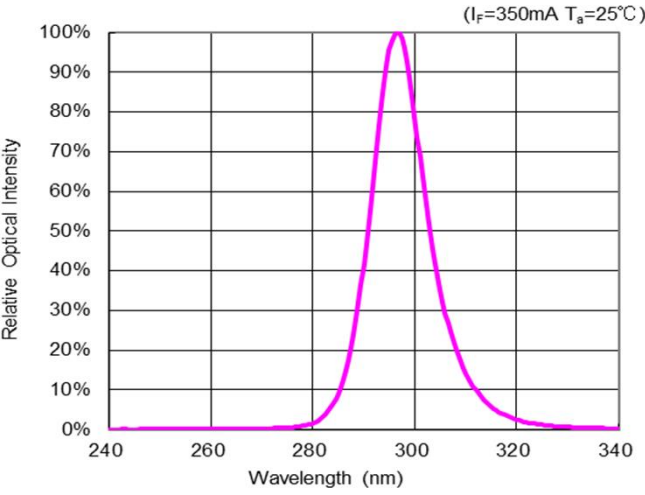
**Forward Voltage vs Forward Current**



**Forward Current vs Radiant Flux**



**Spectrum**



**Radiation Pattern**

