

# BEELED

BEELED -

---

## LED Product Specifications

Product name: 2.5w 265nm UVC led

Version No.: 01

### Product Description:

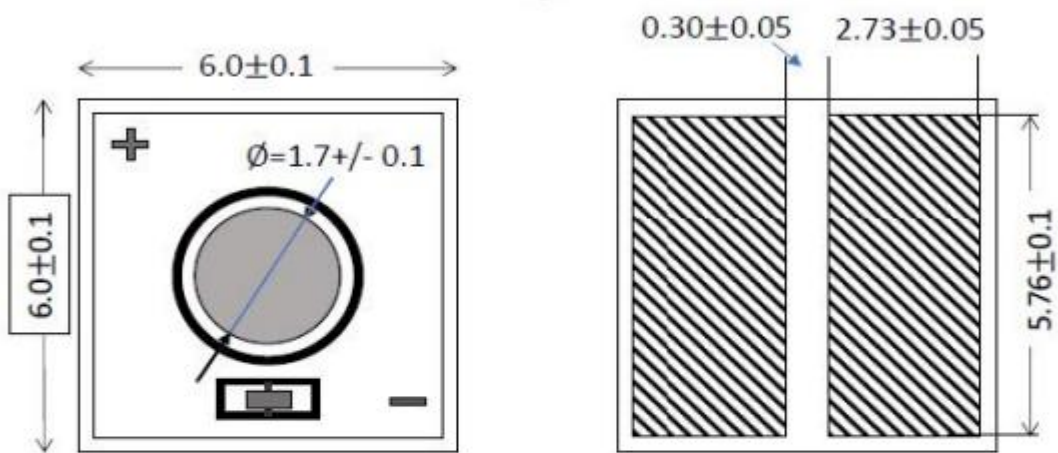
- 2.5watt High Power LED
- Colloid Color: Transparent
- Emission Color: Purple
- Viewing Angle:150°
- Forward current:350mA;
- Forward voltage:6.5-7.5V

Dice Material: GaInN

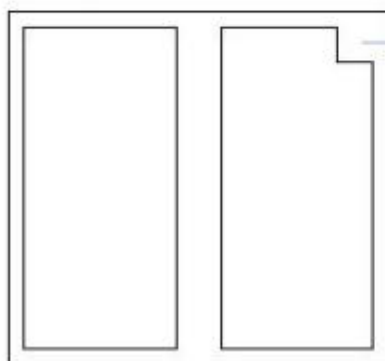


# BEELED

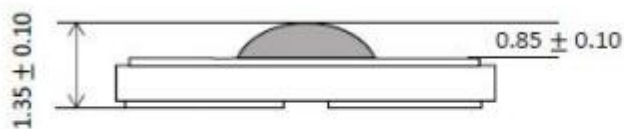
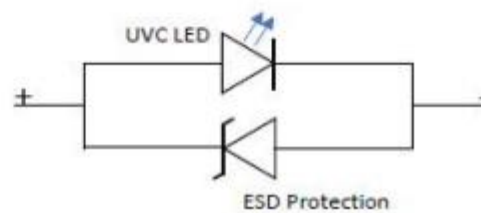
BEELED -



Recommended Solder Pattern on PCB



Cathode Mark



All Units = mm

Drawings not exactly to scale  
Specifications subject to change without notice

# BEELED

## BEELED -

TABLE 1. Performance @ 350 mA forward current (25°C ambient, packaged)

Parameter	Symbol	Unit	Min.	Typ.	Max
Peak Wavelength	$\lambda_p$	nm	260	270	275
Radiant Flux	$\phi_e$	mW	60	72	80
			TBA*	TBA*	TBA*
Forward Voltage	VF	V	6.5	7.0	7.5
			TBA*	TBA*	TBA*
Spectrum Half Width	$\Delta\lambda$	nm		9.5	
View Angle	$2\theta_{1/2}$	°		150	
Thermal Resistance	RJ-b	°C/W		<10 (TBD)	

\*G2 type LEDs: To be announced

FIG 1. Forward Current vs. Forward Voltage

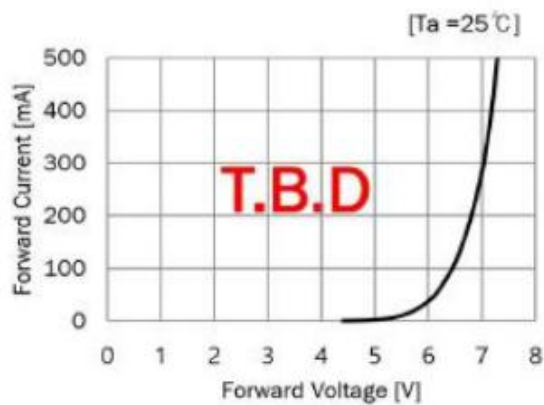
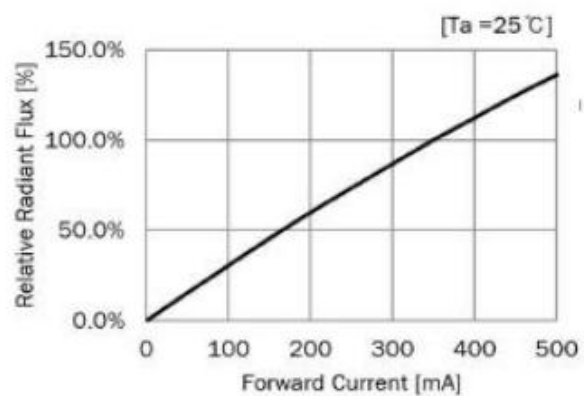


FIG 2. Relative Radiant Flux vs. Forward Current



Specifications may subject to change without notice