

Model DC00 series

Bare Die (Flip chip form, Au Pad)

Typical Optical-Electrical Characteristics

($I_F=100\text{mA}$, $T_a=25^\circ\text{C}$)

Item	Symbol	Unit	265nm			275nm			280nm		
			Min	Typ	Max	Min	Typ	Max	Min	Typ	Max
Peak Wavelength	ρ	nm	260	265	270	270	275	280	275	280	285
Radiant Flux	P_o	mW	-	12	-	-	15	-	-	15	-
Full Width at Half Maximum	Δ	nm	-	11	-	-	11	-	-	11	-
Forward Voltage	V_F	V	-	5.2	-	-	5.2	-	-	5.2	-

Item	Symbol	Unit	310nm			325nm			340nm		
			Min	Typ	Max	Min	Typ	Max	Min	Typ	Max
Peak Wavelength	ρ	nm	303	308	313	320	325	330	335	340	345
Radiant Flux	P_o	mW	-	15	-	-	15	-	-	15	-
Full Width at Half Maximum	Δ	nm	-	15	-	-	13	-	-	9	-
Forward Voltage	V_F	V	-	5.3	-	-	4.7	-	-	4.5	-

(*)Peak Wavelength Measurement tolerance is $\pm 3\text{nm}$.

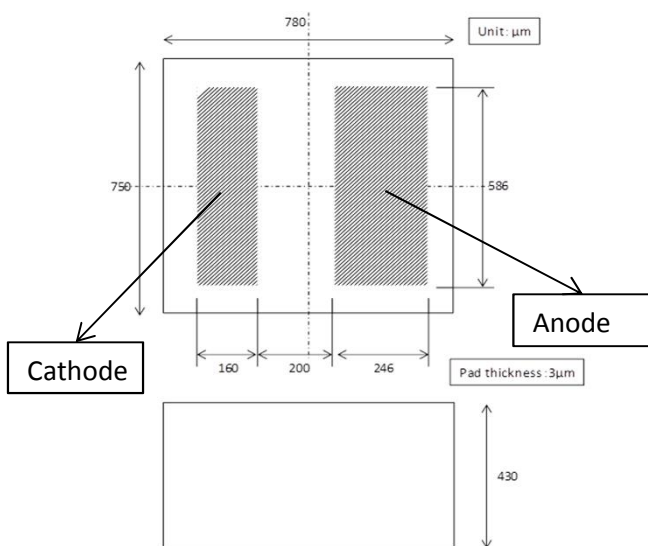
(**)Radiant Flux Measurement tolerance is $\pm 10\%$.

Specification and dimension are subject to change for improvement without notice.

Product ID, Physical dimensions

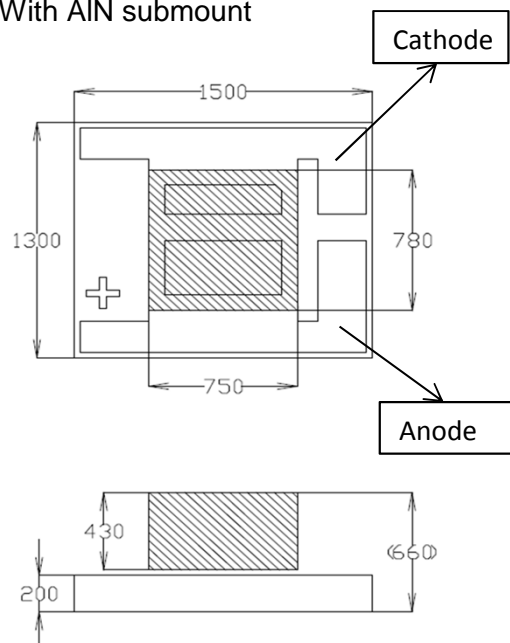
DC00

Bare Die



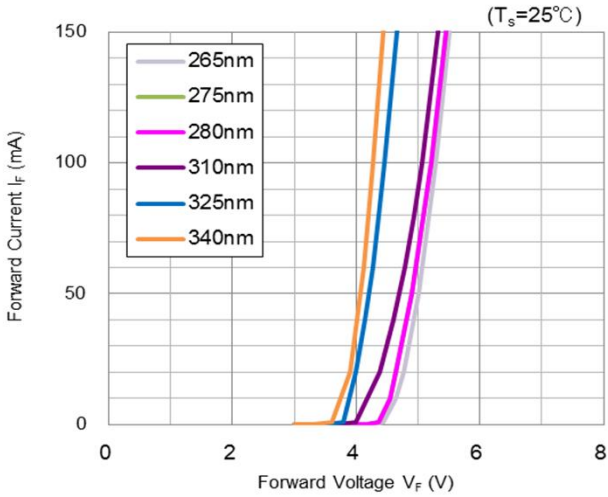
DSA0

With AlN submount

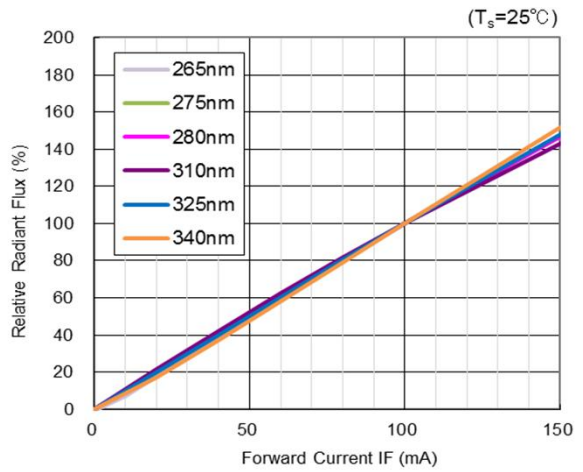


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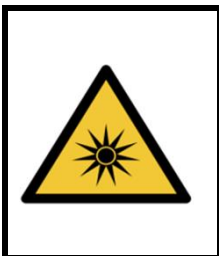
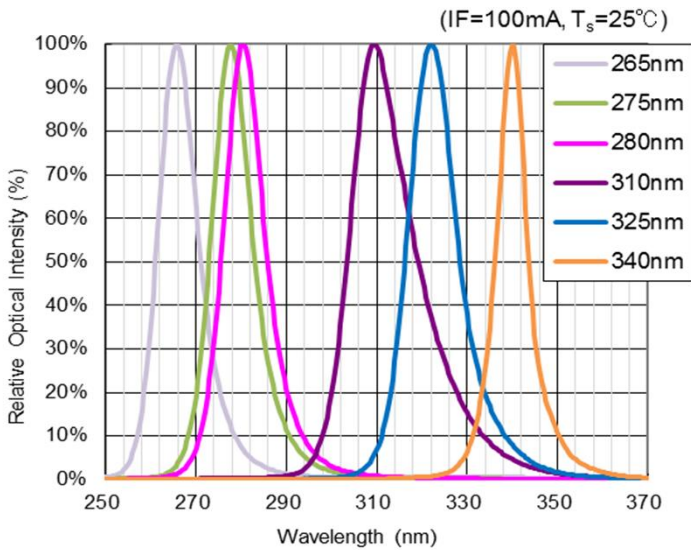
Forward Voltage vs Forward Current



Forward Current vs Radiant Flux



Spectrum



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.