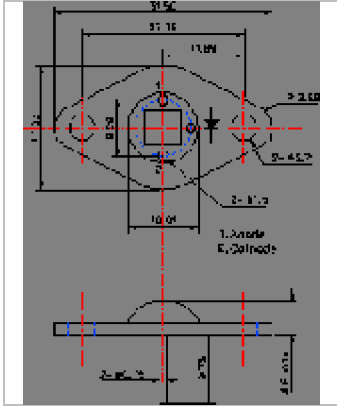


LED470-66-60 epoxy lens type BLUE color illuminator

LED470-66-60 is a wide viewing and extremely high output power illuminator assembled with a total of 60 high efficiency InGaN diode chips, mounted on a metal stem TO-66 with AlN ceramics and covered with double coated clear silicone and epoxy resin. These devices are designed for high current operation with proper heat sinking to improve thermal conductive efficiency.

†Features	†Applications
high reliability	For high intensity lighting source
compact(TO-66)package	
high output power at 470nm	

†Specifications

1)Product No.	Blue color illuminator	Outer Dimension
2)type No.	LED470-66-60	
3)Chip		
	InGaN	
(2)Peak wavelength	nm	
4)Package		
(1)Stem	AlN (poison	
(2)Lens		

†Absolute Maximum Ratings

	Symbol	Maximum Rated Value		Ambient Temperature
Power Dissipation		7.5		Ta=25 °C
	IF	400	mA	
Pulse Forward Current	IFP		mA	
Reverse Voltage		5	V	Ta=25 °C
Operating Temperature	TOPR	-30~+85	°C	
Storage Temperature		-30~+1 0	°C	
Soldering Temperature		2 0	°C	

Pulse forward Current condition : duty=1% and pulse width=10us.
(Ta=25)

Item	Symbol		Minimum	Typical		Unit
Brightness	Iv	240mA		18		cd
Luminous Flux	v	IF= A				lm
	Po	IF= mA				mW
	Vf	IF=240mA		17.5		V
Reverse Current	R	I =10uA				V
Peak Wavelength	P	240mA		470		
Half Width	ë	IF=240mA		20		nm
Viewing Half Angle		IF=240mA		±60°		deg.

‡Heat sink is required thermal resistance <8K/W