

Absolute Maximum Ratings Ta=25

parameter	symbol	Value	unit
power	Po	6.0	W
Working Current	Iop	3.5	A
backward voltage			

Optoelectronic Parameters

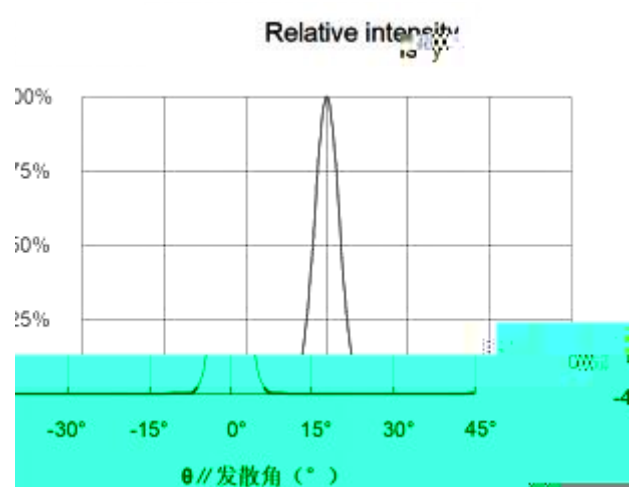
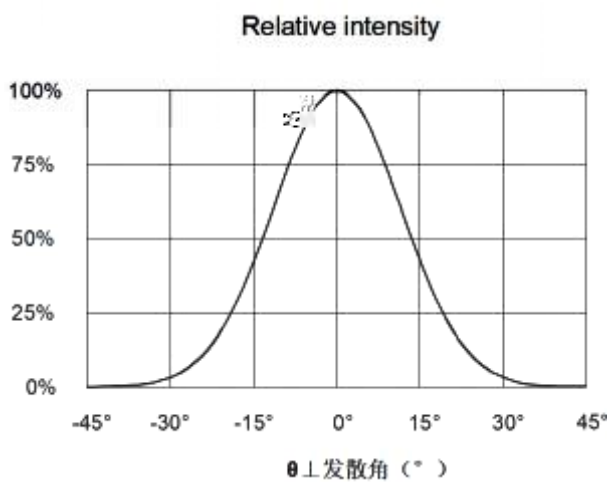
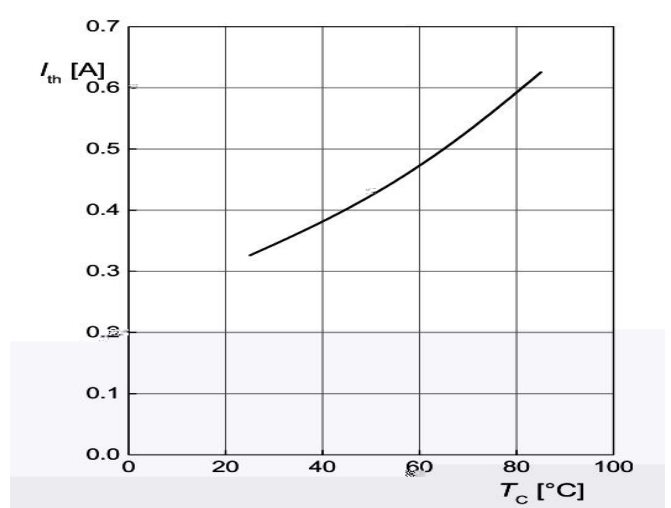
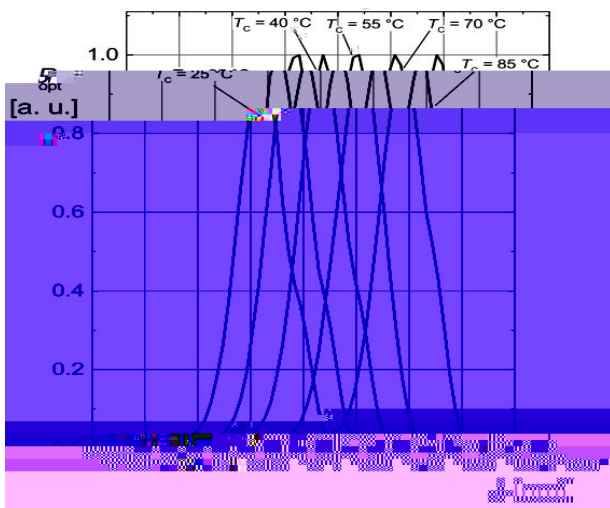
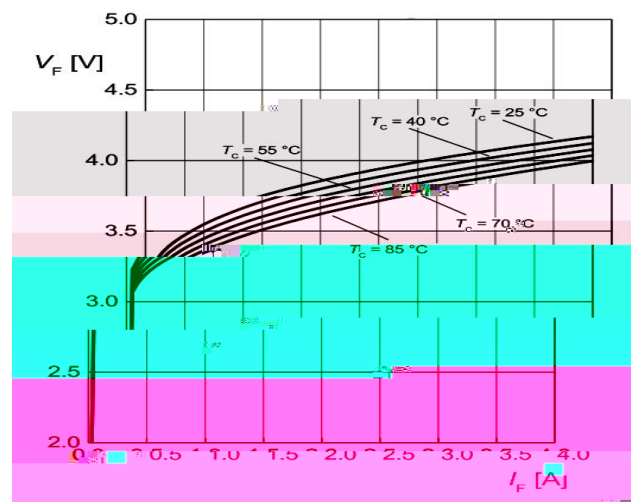
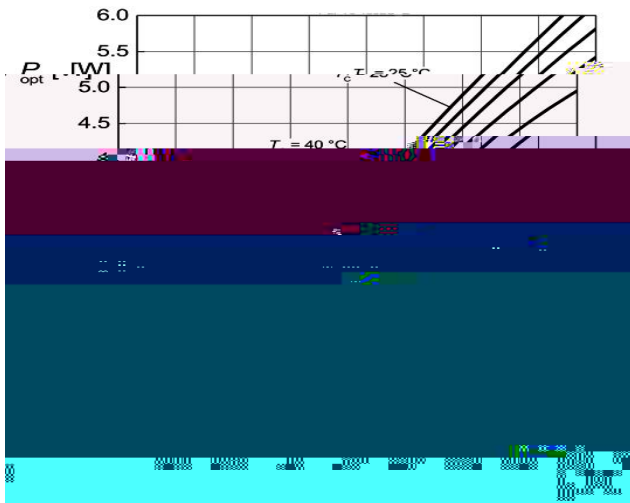
parameter	symbol	Test conditions	min	typ	max	unit
Threshold Current	I _{th}	-	-	0.35	0.45	A
Working Current	I _{op}	P _o =6W	-	1.3	3.5	A
working voltage	V _{op}	P _o =6W	-	4.25	4.8	V
Central wavelength		P _o =6W	447	455	462	nm
beam divergence angle			-	16	52	
Beam Directionality		P _o =6W	-		15	
Misaligned beam angle		P _o =6W	-3		+3	
		P _o =6W	-3		+3	

remarks

[1] $\theta_{50\%}$ and $\theta_{1/2}$ are defined as $\theta_{50\%}$

典型特性曲线

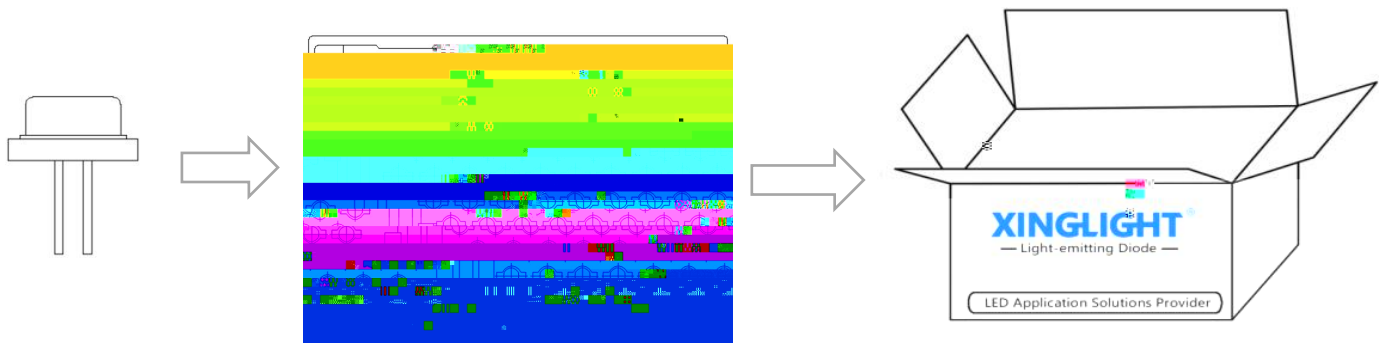
Typical Characteristics Curves



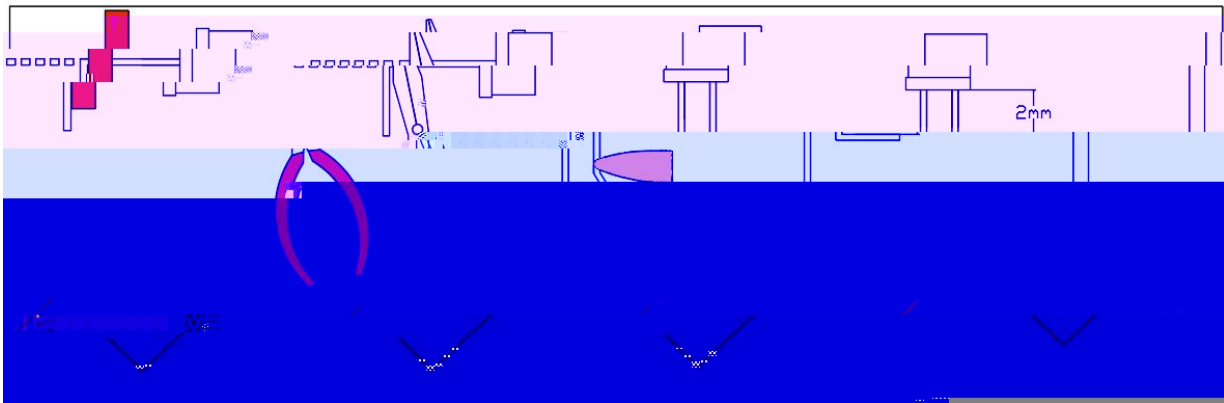


包装

Packaging



1. Feet assembly



2. Electrostatic protection