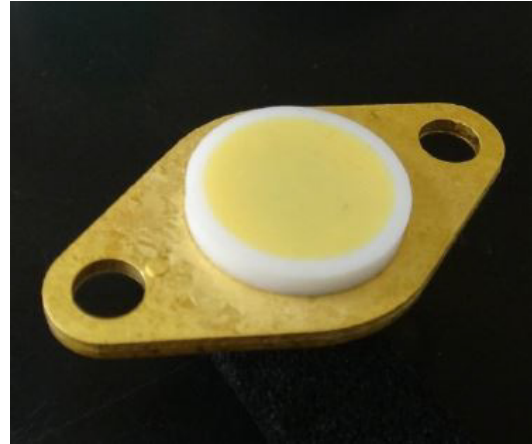


LW47-66-60-CC

White Illuminator

<Specifications>

- Chip Material: InGaN
- Chip Dimension: 300um x 300um
- Number of Chips: 60pcs
- Peak Wavelength: White Color
- Stem: TO-66 stem
- Lens: Silicone Resin



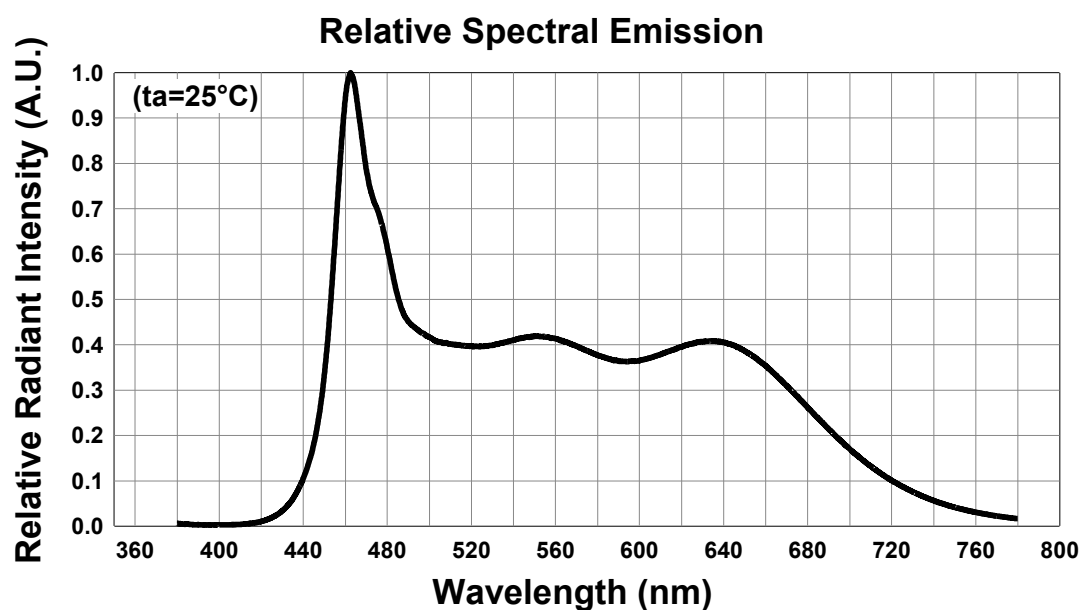
Absolute Maximum Ratings[Tc=25°C]			
Item	Symbol	Ratings	Unit
Power Dissipation	PD	8.5	W
Forward Current	IF	400	mA
Reverse Voltage	VR	30	V
Operating Temperature	TOPR	-30 ~ +80	°C
Storage Temperature	TSTG	-30 ~ +100	°C
Soldering Temperature*	TSOL	240	°C

- * Soldering condition must be completed with 3 seconds at 265°C
 - Pulse Forward Current condition: Duty=1% and Pulse Width=1us

Electro-Optical Characteristics [Tc=25°C typ.]						
Item	Symbol	Condition	Minimum	Typical	Maximum	Unit
Forward Voltage	VF	IF=240mA		19		V
Luminous Flux	ΦV	IF=240mA	55		78	lm
Color Temperature	Tc	IF=240mA	4500		6500	K
Chromaticity	x	IF=240mA		0.32		
	y	IF=240mA		0.34		
General Color Rendering Index	Ra	IF=240mA	85			
Viewing Half Angle	θ1/2	IF=100mA		±60		deg



Typical Characteristic Curves



Disclaimer

Product specifications and data shown in this product catalog are subject to change without notice for the purposes of improving product performance, reliability, design, or otherwise.

Product data and parameters in this catalog are typical values based on reasonably up-to-date measurements.

Product data and parameters may vary by user application and over time.

Products shown in this catalog are intended to be used for general electronic equipment. Products are not guaranteed for applications where product malfunction or failure may cause personal injury or death, including but not limited to life-supporting / saving devices, medical devices, safety devices, airplanes, aerospace equipment, automobiles, traffic control systems, and nuclear reactor control systems.