SUPER FLUX LED LAMP

WP7677C2SURC/G



Technical Data

Features:

*High Luminance output.

- *Design for High Current Operation.
- *Uniform Color.
- *Low Power Consumption.
- *Low Thermal Resistance.

*Low Profile.

- *Packaged in tubes for use with
- automatic insertion equipment.
- *RoHS Compliant.

Benefits:

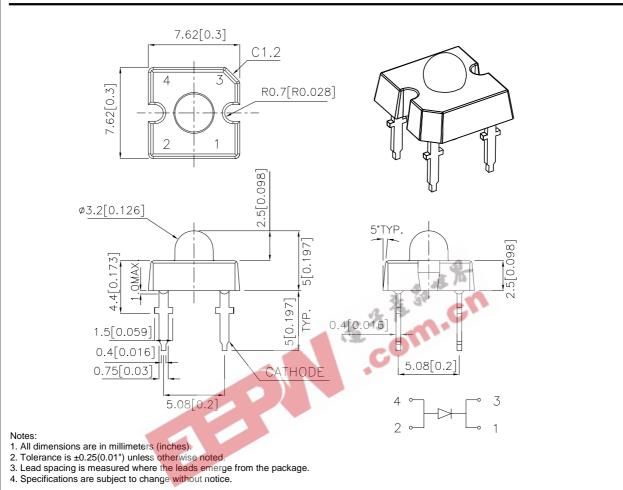
m.c

- *Outstanding Material Efficiency.
- *Electricity savings.
- *Maintenance savings.
- *Reliable and Rugged.

Typical Applications:

- *Automotive Exterior Lighting.
- *Electronic Signs and Signals.
- *Specialty Lighting.

Outline Drawings

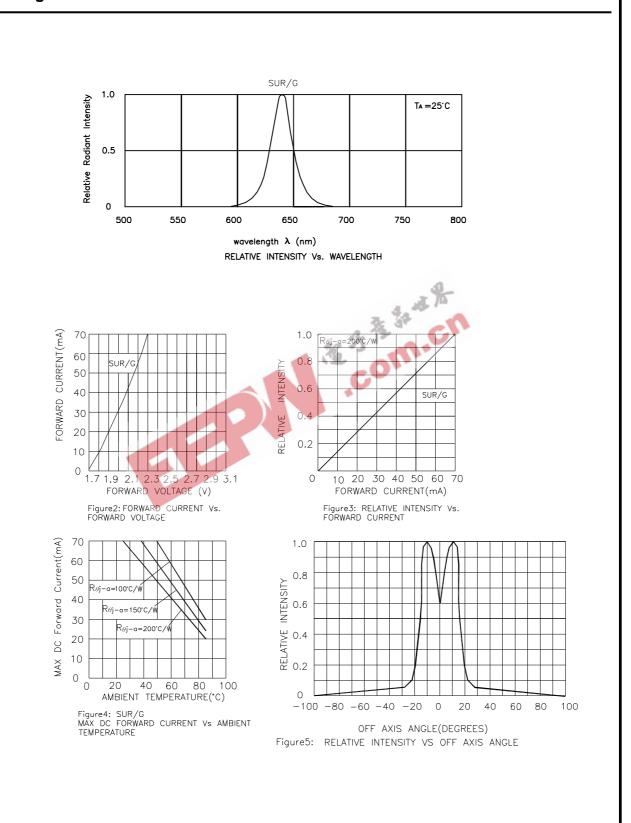


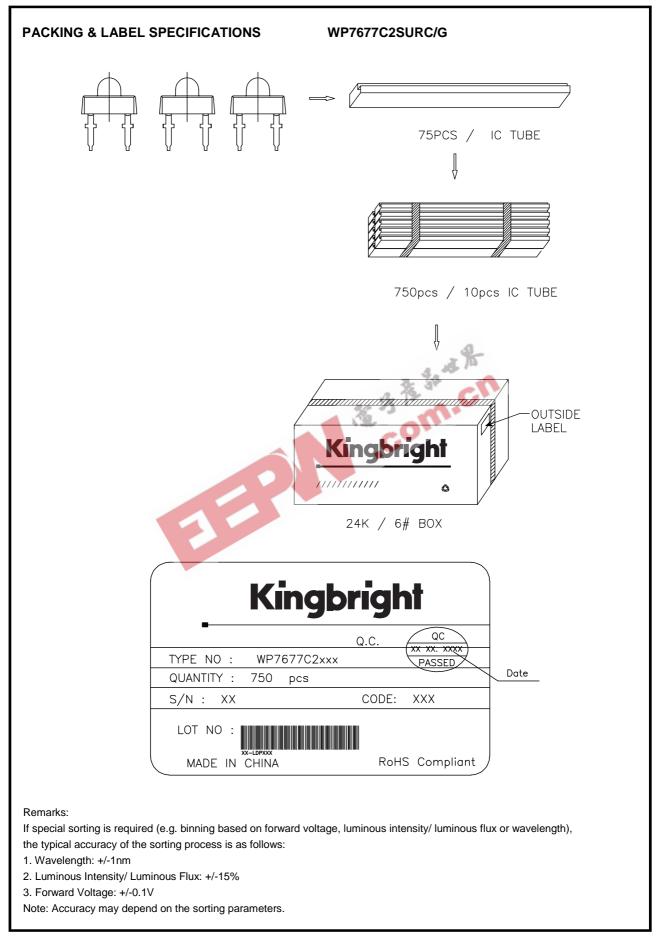
Absolute Maximum Ratings at TA=25°C

PARAMETER	SUR/G	UNITS	
DC Forward Current	70	mA	
Power dissipation	182	mW	
Reverse Voltage	5	V	
Operating Temperature	-40 To +85	C	
Storage Temperature	-55 To +85	C	
Lead Solder Temperature ^[1]	260°C For 5 Seconds		
1.1.5mm[0.06inch]below seating plane			
1.1.5mm[0.06inch]below seating plane.			

Part No.			lv(cd) ^[1] @70mA		Viewing Angle ^[2]		
Fait NO.		LE	D COLOR	@ <i>1</i> Min.	UmA Typ.	2 0 1/2 Тур.	
WP7677C2SURC/	G	DH I	nGaAIP REE	D 4.7	8.0	30°	
				e device has stabilized. ity is 1/2 the optical centerlin	e value.		
otical Characte =70mA Rθj-a=20 DEVICE	0°C/W	A=25°C	TU	Dominan Wavelen		SPECTRAL LINE WAVELENGTH	
ТҮРЕ		AVELENG λΡΕΑΚ (nn TYP.		λDOM (nr TYP.		WAVELENGTH Δλ1/2(nm) TYP.	
SUR/G	-	640		630		22	
TE:							
	teristics a	t TA=25° VARD VOL V⊧(VOLTS @	C	Agram and represents the pe REVERSE CURRENT IR (uA) @	CAPACITANCI C (pF) @	E THERMAL RESISTANCE R0j-pin	
he dominant waveleng	teristics a	t TA=25° VARD VOL VF(VOLTS) @ IF=70mA	C TAGE	REVERSE CURRENT IR (uA) @ VR=5V	CAPACITANCI C (pF) @ VF=0V F=1MH	E THERMAL RESISTANCE Rθj-pin Z °C/W	
he dominant waveleng ectrical Charac	teristics a	t TA=25° VARD VOL V⊧(VOLTS @	C	REVERSE CURRENT IR (uA) @	CAPACITANCI C (pF) @	E THERMAL RESISTANCE R0j-pin	

Figures





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