

# High Power LED 3W暖白光源

产品名称	High Power LED 3W暖白光源
公司名称	山西乐百利特科技有限责任公司
价格	.00/个
规格参数	产品类型:发光二极管 品牌:Lebelight 型号:LT-P21V21L3I
公司地址	中国 山西 晋城市 经济开发区兰花路1818号
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## 产品详情

产品类型	发光二极管	品牌	Lebelight
型号	LT-P21V21L3I	结构	点接触型
材料	硅(Si)	封装形式	功率型
封装材料	硅胶	功率特性	大功率
频率特性	直流	发光颜色	白色
LED封装	无色透明(T)	出光面特征	面发光管
发光强度角分布	标准型	最高反向电压VR	5 ( V )
正向直流电流IF	800 ( mA )		

lebelight high power led

lt-p21v21l3idata sheet

## features

hight luminous efficacy 3w warm white led

dimension: 14.5mm × 8mm × 5.2mm

viewing angle: 120 deg

the ingaain chip inside

low thermal resistance

lead(pb) free and rohs compliant

driver currents: 700ma

available in white (2,700 k to 3,500k cct)

lumen maintenance of great than 70% after 50,000 hours

## applications

street lighting

automotive lighting

gerenal lighting

indoor and outdoor architectural lighting

signage and channel letter

## package outline

notes:

1.all dimensions are in millimeters.

2.all tolerance is  $\pm 0.20\text{mm}$  unless otherwise noted.

## absolute maximum rating

parameter	symbol	value	u
dc forward current	if	800	m
peak plused current(@1khz ,10% duty cycle)	ifp	1000	m
reverse voltage	vr	5	
junction temperature	tj	125	
esd classification (hbm)	---	class 2	
storage temperature	tstg	-40 ~ + 110	
operating case temperature	topr	-40 ~ + 110	
soldering temperature	tsol	260	

notes:

1. proper current derating must be observed to maintain junction temperature below

the maxium.

2. leds are not desinged to be driven in reverse bias.

## characteristics @ tc=25

parameter	symbol	min.	typ.	max.	
viewing angle	2 1/2	---	120	---	
luminous flux(@700 ma)		160	---	---	
forward voltage(@700 ma)	vf	---	3.3	3.6	
correlated color temperature	cct	---	3000	3500	
chromaticity coordinates	x,y	---	0.45,0.41	---	
thermal resistance junction-case	r j-c	---	15	---	

notes:

1. proper current derating must be observed to maintain junctiontemperature below

the maxium.

2. leds are not desinged to be driven in reverse bias.

3. lebelight maintains a tolerance of  $\pm 10\%$  on flux measurements.
4. lebelight maintains a tolerance of  $\pm 0.1\text{v}$  on forward voltage measurements.
5. cct  $\pm 5\%$  tester tolerance.
6. typical color rendering index (cri) is 55