

# 发光二极管 发光二极管 LEBELIGHT

产品名称	发光二极管 发光二极管 LEBELIGHT
公司名称	山西乐百利特科技有限责任公司
价格	1.00/PCS
规格参数	产品类型:发光二极管 品牌:LEBELIGHT 型号:LT-EW80LZ30H
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-EW80LZ30H	结构	合金型
材料	氮	封装形式	功率型
封装材料	陶瓷封装	功率特性	大功率
频率特性	低频	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	正向直流电流IF	350 ( mA )

供应10-100w大功率集成led,衰减低,亮度高

lebelight high power led

lt-p05w21c30data sheet

## features

hight luminous efficacy 30w white led

dimension: 30.0mm × 17.0mm × 5.9mm

viewing angle: 120 deg

arrangement: 3 × 10

the ingaain inside

low thermal resistance

lead(pb) free and rohs compliant

driver currents: 3500ma

available in white (4,500 k to 10,000 k 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	4000	m
peak plused current(@1khz ,10% duty cycle)	ifp	5000	m
reverse voltage	vr	15	v
junction temperature	tj	125	°C
esd classification (hbm)	---	class 2	
storage temperature	tstg	-40 ~ + 110	°C
operating case temperature	topr	-40 ~ + 110	°C
soldering temperature	tsol	260	°C

notes:

1. proper current derating must be observed to maintain junction temperature below the maximum.
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(@3500ma)		2100	---	---	lm
forward voltage(@3500 ma)	vf	10	---	12	v
correlated color temperature	cct	4500	---	10000	K
chromaticity coordinates	x,y	---	0.32,0.33	---	
thermal resistance junction-case	r j-c	---	15	---	°C/w

notes:

1. proper current derating must be observed to maintain junction temperature below the maximum.
2. LEDs are not designed 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 75

## luminous flux bins@3500ma

bin code	min.	typ.	max.	units
a35	2100	----	2400	lm

cool white bin

forward voltage bins@3500ma

bin code	min.	typ.	max.	units
r	10	----	11	v
s	11	----	12	v

relative spectral power distribution@ tc=25

electrical characteristics@ tc=25

relative intensity vs. current @  $t_c=25$

typical spatial radiation pattern @  $t_c=25$

typical light output over temperature

