



## P30/P30L LED Lamp

P30 is an exceptionally high performance LED lamp built to last. It is a premium quality solid state lighting product precisely engineered and manufactured with state of the art technologies and materials.

Proprietary driving circuit enables P30 to replace traditional incandescent/halogen lamp, up to 75 Watt, directly without additional modification or transformer. Digital dimming is available for further energy saving on P30L model.

- Solid State Lighting Technology
- Decrease Energy Consumption
- Reduce CO<sub>2</sub> Emission
- Superior Quality Light
- Digital Dimming (P30L)
- Ecologically Friendly
- Built to Last
- 3 Year Limited Warranty

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## Dimensions

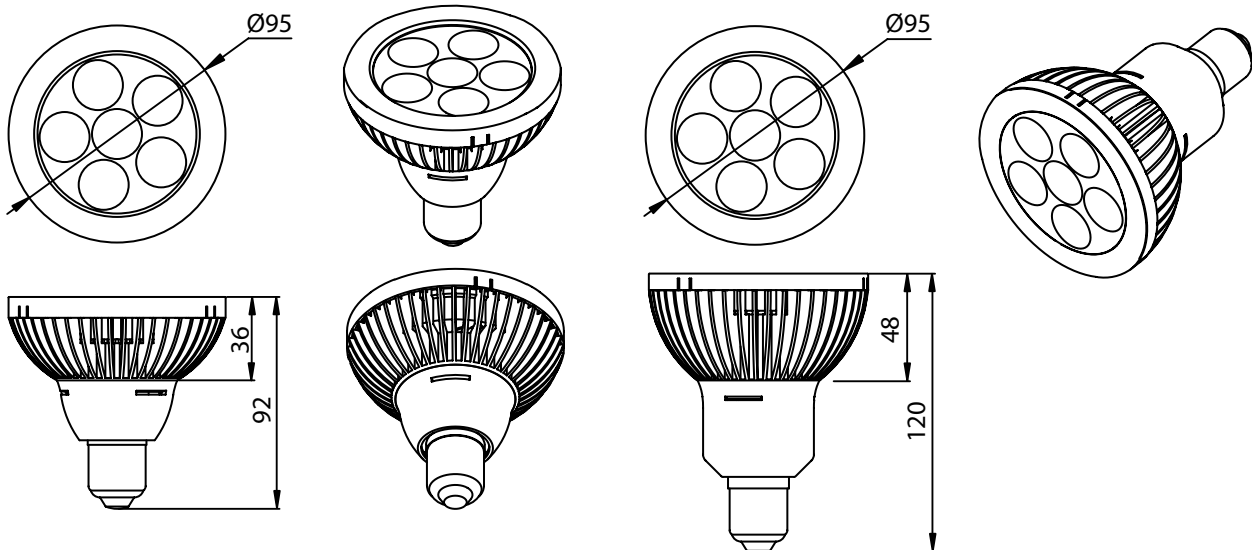


Figure 1: P30 dimensions

Figure 2: P30L dimensions

Unit: mm  
Tolerance: ±2.5 mm

## Absolute Maximum Rating

Parameter	Rating	Units
LED Junction Temperature	125	°C
Plastic Housing Temperature	80	°C
Operating Temperature	-30 ~ +40	°C
Storage Temperature	-40 ~ +60	°C
AC Input Voltage	100 ~ 240	V
Equilibrium Temperature	55	°C

Table 1: P30 LED Lamp absolute maximum rating

## Specifications

P30 LED Lamp	
Power Consumption	10 Watt
Field Angle	25° / 40°
Color Temperature	3000 / 4000 / 6000K
CRI	Up to 90
Weight	215g / 280g (P30L)
Base	E26 / E27

Table 2: P30 LED Lamp specifications

## • Illuminance and Beam Angles

### • Cool White

Power Consumption	Part Number	CCT(Typ.)	Cone Beam Angle	Lux*@ 1m (Typ.)
10W	LB-P30-102100	6000K	25°±2.5°	2850
	LB-P30-104100		40°±1.5°	1650

### • Neutral White

Power Consumption	Part Number	CCT(Typ.)	Cone Beam Angle	Lux*@ 1m (Typ.)
10W	LB-P30-102200	4000K	25°±2.5°	2400
	LB-P30-104200		40°±1.5°	1300

### • Warm White

Power Consumption	Part Number	CCT(Typ.)	Cone Beam Angle	Lux*@ 1m (Typ.)
10W	LB-P30-102300	3000K	25°±2.5°	2000
	LB-P30-104300		40°±1.5°	1000

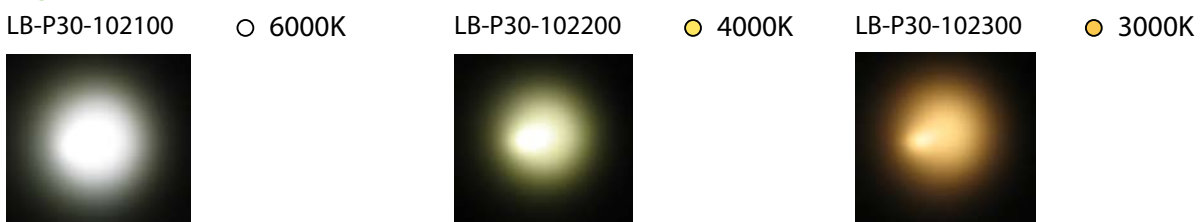
Table 3: P30 LED Lamp illuminance and beam angles

Notes:

1. Lux value is measured under thermal balanced condition. (i.e. after 1 hour continuous operation)
2. LED is a dynamic and constantly evolving technology. The final lux output of your P30 LED Lamp may vary.
3. Input voltage = AC 100~240V

## • Light Patterns

### • 25°



### • 40°



Figure 3: P30 LED Lamp light patterns of different color temperature

### Lifetime

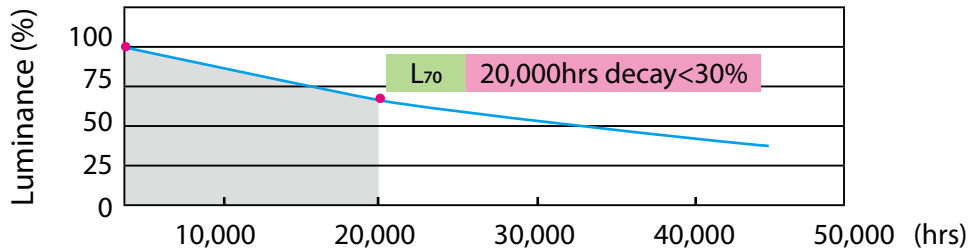


Table 4: P30 LED Lamp Lifetime

### Application Notes

The compact and integral design of the P30 LED Lamp make it ideal for a wide variety of lighting applications, including retail store spotlight, ceiling downlight, as well as many other accent lightings.



Various color temperature and beam pattern options are suitable for an array of scenarios.



Note : As part of its policy of continuous research and development, Ledion Lighting reserves the right to change or withdraw specifications without prior notice.