



## The perfect lighting system for indoor plant growing

**LENOLED** LED grow lights are quality and reliable, they are the perfect lighting systems for indoor plant growing.

### Benefits

- Save money for you, about 70% energy-saving than traditional grow lights.
- Won't need extra cooling system for your greenhouse or growroom due to its much less heat radiation than traditional grow lights.
- Long lifetime 50000h will minimize your maintenance cost.
- The light spectrum can be customized, so you can choose the ideal spectrum for your plants.

### Features

- **Low electricity consumption:** it saves much money for you, because LED grow lights only consume about 30% electronic energy compare to traditional grow lights.
- **Optimum spectrum (colors):** blue and red are the most effective colors for plant growth, LED grow lights can maximize these colors. Additionally, it is easily to add different colors into LED grow lights for plants. MH grow light is deficient in the red spectrum and HPS grow light is deficient in blue spectrum.
- **Minimal Heat:** LED grow lights are the coolest running grow lights available. It reduces your room/building cooling system costs.
- **Easy installation:** no ballast or reflector, it is easy to install LED grow lights
- **Environment friendly,** no hazardous substance.
- **Long Lifespan:** 50,000 hours, much longer lifetime than traditional grow lights.

### Application

Hydroponics, Horticulture, Greenhouse, Seeding, Seedling, Breeding, Farm, Flower Exhibition, Garden, Bonsai, etc.



The specifications are for reference only, actual specifications are subject to the final product.

|                   |                     |                     |                          |
|-------------------|---------------------|---------------------|--------------------------|
| Product Name      | 300W LED Grow Light | Color               | Red & blue or customized |
| Part No.          | LGL2W144P           | Lifetime            | 50000h                   |
| Input Voltage     | AC86-264V           | Working Temperature | -20℃ ~+40℃               |
| Light Source      | LED 144x2W          | Storage Temperature | -20℃ ~+65℃               |
| Power Consumption | 240W                | Net Weight          | 5kg                      |
| Dimension         | 442x281x70mm        | Inner packaging     | 50x38x17cm               |
| Power Factor      | ≥0.9                | Gross Weight        | 6kg                      |
| Luminous Flux     | 9000lm              | Certification       | CE, RoHS                 |
| Beam Angle        | 90°/120°            |                     |                          |

**Remark:**

1. The color or spectrum can be customized, so you can custom the ideal spectrum according to your plants. Red and blue are the basic colors, other colors or wavelengths are available.

2. Recommended hours of light (sunlight + artificial light):

- (1) Germination stage—18 hours
- (2) Sprout out of the ground— 16 hours
- (3) Grow and start flowering stage—12 hours

The above hours are only for reference. Different plants have various needs on hours of light in different stages.

3. Recommended height for installation is 3 feet to 10 feet above plant. Increasing height will decrease light intensity and increase lighting area; decreasing height will increase light intensity and decrease lighting area. Different plants have different needs on light intensity, so you can change light intensity by adjusting the height of LED grow light according to your plants.

4. Light is only one of the factors which affect plant growth. So in order to get best growing speed, except for enough light, please supply your plants with sufficient nourishment and fitting environment.

**Attention:**

- 1. Indoor use only.
- 2. Turn off the power before installing the light.
- 3. Don't touch the surface when the light is on.
- 4. The installation of this light should be avoided in the heat, hot steam or corrosive gases places, so as not to affect its lifetime.

The specifications are for reference only, actual specifications are subject to the final product.