• Strong Light Promotes Photosynthesis
  The light-emitting angle is used in 60° and the lighting is concentrated in the area around the light-emitting angle, which effectively prevents plants from growing too high.

• Full Spectrum Growth Promotion

• Simulating Natural Light Makes the Lighting Softer
  Unique light distribution, soft lighting and good light-emitting colorimetry effectively prevent plants from growing too high.

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**SANSI Patented Ceramic LED Technology**

Ceramic dissipation heat-trap technology is the basis of SANSI’s LED chips. The ceramic chips are directly connected to the ceramic body of the bracket, and realizing such a process needs high thermal conductivity and the ceramic plate needs high heat dissipation and thermal adhesion.

**SANSI and other manufacturer (Patent No.: CN 2, 2012 2 0091432.4)**

**SANSI**
With such a high-efficiency heat dissipation and adhesion technology, SANSI’s LED chips are made up of the ceramic body, the LED chip, the SANSI’s LED, LED PCB, and the LED adhesion. Compared with traditional heat dissipation systems, SANSI’s ceramic dissipation system prolongs the life of the LED light.

**Other manufacturer**

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**A Global Leader in LED Lighting and Displays**

Since its founding in 1999, SANSI has been dedicated to technological innovation in a wide range of LED applications, from commercial displays to residential lighting. With over 430 in-house engineers, 2,600 employees, and 3 advanced factories, SANSI has reached over 40 countries in over 5 continents.

SANSI offers 200,000 square meters of space for manufacturing, sales, and sales support to support both commercial and residential projects. Having successfully launched over 12,000 different models including New York Times Square, Wuhan Hong Kong Shenzhen Axis, Beijingorden Products, SANSI’s ability to deliver high-quality LED products fast and efficiently.

SANSI upholds its core values of innovation, sustainability, and commitment. Those allowed SANSI to maintain the pull as a leading brand.

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**LED Grow Lights**

*Give life to plants, Add color to the world*

Residential plants / Growth chambers / Greenhouses / Vertical farms
**SANSI LED Grow Lights**

After extensive research and experimentation on plants and growth, SANSI introduced their smart LED grow lights in March 2019, officially entering the field of smart grow lighting. This product features customizable spectrum, controllable illumination levels, uniform light distribution, and an adjustable remote control. Subsequently, SANSI has successfully launched the series of grow lights customized for growth chambers, greenhouses, and vertical farms.

- **Uniform Light and Spectrum Distribution**: The LED strips are retracted in a custom-pierced uniform light spectrum distribution.
- **Spectrum Customization**: The spectrum for SANSI plant growth light can be customized for vegetation, flowering, and full cycle stages.
- **Friendly Customer Support**: Growth time and lighting time can be intelligently controlled by the app, meeting different requirements of applications.
- **Wide Range of Applications**: Every single LED chip is a mixed concentration of blue, green, red and far-red lighting providing an evenly distributed spectrum ideal for most plants, succulents, fruits, flowers, etc.
- **Patented Ceramic Heat Dissipation LED Technology**: SANTS’s independent heat transfer technology provides both even and technically dissipated, surviving long lifespan.

**Certification**

- CUL, CE

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**Smart Grow Lights for High-power Greenhouse Planting**

Smart remote control, high efficiency and energy saving, quality improvement and promotes growth

**Smart Spectrum, Smart Control**

- **Customizable Smart Spectrum**: SANSI LED grow light is customized for vegetation, flowering, and full cycle stages.
- **Friendly Customer Support**: Growth time and lighting time can be intelligently controlled by the app, meeting different requirements of applications.
- **IP65**: SANSI LED grow lights are waterproof and dustproof and can be operated under tough conditions.
- **Aluminum Die-casting Housing**: Housing is made with high-quality aluminum die-cast, light weight and easy to transport and install.

**Technical Parameters**

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Density</th>
<th>Lifespan</th>
<th>67 Degree</th>
<th>CCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>C300-BS-200W-PW</td>
<td>200W</td>
<td>AC 180-240V, 50Hz/60Hz</td>
<td>60°</td>
<td>No</td>
<td>50,000 hrs</td>
<td>IP65</td>
<td>Vegetable/Lighting Full Cycle</td>
</tr>
<tr>
<td>C300-BS-400W-PW</td>
<td>400W</td>
<td>AC 180-240V, 50Hz/60Hz</td>
<td>60°</td>
<td>No</td>
<td>50,000 hrs</td>
<td>IP65</td>
<td>Vegetable/Lighting Full Cycle</td>
</tr>
</tbody>
</table>

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**Striped Structure, Larger Coverage Area**

**Smart LED grow light C2010-CE-50W**

- **Durable Eco-friendly Design**: SANSI LED grow light is waterproof and dustproof with IP65 design.

The enclosure is manufactured with high-quality PC material, fireproof and anti-corrosive, long lifespan and durable, effectively reducing the impact on the product caused by accidental occurrence.