Horticulture LED
Vertical Farm Grow Lights

Applications
✓ Commercial farms
✓ Research institutes and labs
✓ Growing leafy greens and herbs
✓ Medicinal plants

Optimized Spectral Design
- Light recipe designed by plant scientists
- Dedicated spectrum for germination, seedling and Vegetative
- Offers different light intensity based on the plant needs and farm design

Proven Quality & Reliability
- 25,000 life time and 3-year standard warranty
- Additional warranty available upon request
- IP 65 rated
- UL listed for wet locations

More Savings Less Trouble
- Up to 75% energy saving
- Efficient management
- Quick-connector for easy installation and replacement

*Tested and certified against UL 1598 and UL 8750

E489678

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Horticulture LED
Vertical Farm Grow Lights

Specifications

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<thead>
<tr>
<th>Part Number</th>
<th>Voltage</th>
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<tbody>
<tr>
<td>ZK-TB10-AR01/A</td>
<td>100-277V</td>
<td>9W</td>
<td>0.95</td>
<td>15umol/s</td>
<td>120°</td>
<td>25000h</td>
<td>IP65</td>
</tr>
<tr>
<td>ZK-TB18-AR01/A</td>
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<td>32umol/s</td>
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<td>ZK-TB18-VE02/A</td>
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<td>120°</td>
<td>25000h</td>
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Dimensions

![Single-ended Connection](image)

Contact Us
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Horticulture LED
Greenhouse Top-lighting and Inter-lighting

Top-lighting

Inter-lighting

Applications
✓ Commercial farm
✓ Supplementary lighting in Greenhouse
✓ Vegetative of tomatoes, cucumbers, and other vine crops

Optimized Spectral Design
• Light recipe designed by plant scientists
• Wide beam angle
• Offers different light intensity
• Efficient light environment, enhance crop yield and quality

Proven Quality & Reliability
• 25,000 life time and 3-year standard warranty
• Additional warranty available upon request
• IP 65 rated

More Savings Less Trouble
• Two mounting modes: vertical and horizontal
• Efficient management
• Quick-connector for easy installation and replacement

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Horticulture LED
Greenhouse Top-lighting and Inter-lighting

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Top-lighting

Inter-lighting

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Horticulture LED
High-intensity Top-lighting

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Applications
✓ Light-intensive crops such as rice and tobacco
✓ Research and testing facilities

Optimized Spectral Design
- Optimum light recipe designed by plant scientists
- Efficient light environment, enhance crop yield and quality

Proven Quality & Reliability
- 25,000 life time and 3-year standard warranty
- Additional warranty available upon request
- IP 65 rated
- UL listed for wet locations

More Savings Less Trouble
- Energy saving up to 75%
- Efficient management

Applications
- Light-intensive crops such as rice and tobacco
- Research and testing facilities

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Horticulture LED
High-intensity Top-lighting

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Horticulture LED
Medical Plant Grow Lights

Water-cooling version

Optimized Spectral Design
- Scientifically fine-tuned spectra maximizing the level of active ingredients
- Flood-light type 90° beam angle maximizes plants per light
- Programmable light spectrum and intensity

Proven Quality & Reliability
- Two Active Cooling Models: Water Cooling and Air Cooling
- 25,000 life time and 3-year standard warranty
- IP 65 rated

More Savings Less Trouble
- Energy saving up to 40% comparing with HID
- Efficient management
- Wireless control, light intensity and spectra programmable

Applications
✓ High value-added medicinal plants
✓ Vegetative and flowing stages of plants
✓ Commercial scale indoor facility

IP65 Water & Dust Proofing
25,000 Hours Tunable Spectrum Wireless Control

Water-cooling version

Air-cooling version

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Horticulture LED
Medical Plant Grow Lights

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Water-cooling version

Air-cooling version

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