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**LED Agricultural Grow Lights Executive Summary**

The study is designed to give a comprehensive overview of the LED Agricultural Grow Lights market segment. Research represents a selection from the mountains of data available of the most relevant and cogent market materials, with selections made by the most senior analysts. Commentary on every aspect of the market from independent analysts creates an independent perspective in the evaluation of the market. In this manner the study presents a comprehensive overview of what is going on in this market, assisting managers with designing market strategies likely to succeed.

## LED GROW LIGHTS MARKET EXECUTIVE SUMMARY

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<td>Operation Temperature</td>
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<td>Storage Temperature</td>
<td>-40°C ~ +70°C</td>
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<td>Power Input</td>
<td>48 VDC Input</td>
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<td>Illuminance (lux)</td>
<td>850 min.</td>
<td>900 min</td>
<td>1500 min</td>
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<td>x</td>
<td>0.415~0.445</td>
<td>0.315~0.345</td>
<td>0.350~0.380</td>
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<tr>
<td>y</td>
<td>0.135~0.165</td>
<td>0.090~0.120</td>
<td>0.245~0.275</td>
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<tr>
<td>PPFD</td>
<td>85 min.</td>
<td>85 min.</td>
<td>70 min.</td>
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Notes:
1. The illuminance (lux), CIE x, y and PPFD (Photosynthesis Photon Flux Density, umol/m²/s) are measured in the middlepoint of the luminarie at a distance of 15 cm.
2. The illuminance, CIE x, y and PPFD with standard ± 5% tolerance.

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Scorecard

The Milken Institute prepared the innovation Scorecard for GE. The 22 markets surveyed were ranked on seven key indicators based on the top 100 countries in the World Economic Forum’s Global Competitiveness Report 2011-2012. They were then placed in a quartile (leading, above average, below average, or lagging) based on their performance. To view a full country profile, scroll over a country and click.

Source: Milken Institute.

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<th>100</th>
<th>124</th>
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<td>female</td>
<td>countries with sales and service outlets</td>
<td>production sites</td>
<td>research laboratories spread over Europe, North America and Asia</td>
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<td>3</td>
<td>39,000</td>
<td>4,400</td>
<td>70,000</td>
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