



## Press release

May 11, 2021

### **Fresh, locally produced salads all year round, with Signify's LED grow lights**

- Ljusgårdar will become one of Europe's largest vertical farms with 2500 m<sup>2</sup> of growing area
- Swedish grower will supply around 1 million bags of lettuce every month as of summer
- After first harvest in April, Ljusgårdar will now be able to provide locally grown salad to Swedish households

**Eindhoven, the Netherlands** – More than 70% of the fruit and vegetables consumed in Sweden today are imported by truck, ship or plane from other countries. With the aim of making food production more sustainable, Swedish vertical farmer and salad producer [Ljusgårdar](#), plans to increase its production 20-fold and expand its cultivation capacity to produce at least 60 tons of salads a month, which is the equivalent of around 1 million bags. In April, the first batch of salads was harvested in the company's new premises – and already now, Ljusgårdar can deliver significantly more locally grown salad to Swedish households, all year round. When the new 7000-m<sup>2</sup> indoor farm, of which 2500 m<sup>2</sup> growing area, is completed in the summer, Ljusgårdar will become one of Europe's largest vertical farms.

[Signify](#), the world leader in lighting, is helping the Swedish pioneers in the field of vertical farming to expand their production facility in Tibro. By expanding its cultivation area from 300 m<sup>2</sup> to 2500 m<sup>2</sup>, Ljusgårdar will be able to supply fresh, locally produced salad all year round. Signify is providing the company with its latest high-tech solutions: [Philips GreenPower LED production modules](#) and the [Philips GrowWise control system](#). These allow the light spectrum and lighting levels to be controlled, resulting in improved quality and higher yields per square meter. As a result, Ljusgårdar can ensure that its salads are highly tasty and nutritious. LED lighting also makes it simpler to predict growth levels, which means that it is easier for Ljusgårdar to adapt its production to market demand during the season. The lighting is managed by the Philips GrowWise control system to schedule growth cycles well in advance and to allow for greater automation.

"Our expansion will enable us to offer our sustainably grown salads to more Swedish households throughout the year, so we are looking forward to an exciting time," says Andreas Wilhelmsson, CEO of Ljusgårdar. "Signify has extensive experience of advanced lighting solutions and works with other large-scale indoor farms. They provide us access to lighting experts who can help us to continuously improve production. Signify is also one of the few suppliers with the capacity to deliver in line with our growth plan. Together we are expanding our facility in Sweden. Signify's controllable light spectrum enables us to optimize the light for cultivation and produce the highest quality crops."

Today, Ljusgårdar's salads are sold in more than 60 ICA supermarkets, mainly in the Swedish regions of Västra Götaland and Småland. With the expansion of the facility and production on a much larger scale, Ljusgårdar aims to supply sustainable Swedish salads to stores throughout Sweden.



"We are delighted to help Ljusgårdar to produce local, climate-smart salads.<sup>1</sup> Ljusgårdar shares our vision of a sustainable transformation within agriculture and is focusing in particular on quality and flavor," says Henrik Nørgaard, Nordic Commercial Director of Agriculture at Signify. "This is important to Signify because of our strategic goal of helping our customers accelerate the use of sustainable farming to improve agriculture's impact on climate change. By using the latest lighting systems in vertical farming, Ljusgårdar can supply salads that meet the highest food safety standards. The right lighting also results in plants of a higher quality and a higher percentage of crops being consumed, reducing food waste. Additionally, by helping Ljusgårdar to grow locally we contribute to significantly reducing the food miles these salads have to travel before making it to Swedish consumers. We are therefore proudly taking part in the journey from the first green shoots to more consumers being able to enjoy Swedish salads all year round."

Supporting food availability through horticulture LEDs illustrates our commitment to supporting good health and wellbeing (SDG3). It is key to our commitment to doubling the percentage of our revenues for brighter lives, which benefit society, to 32%. This is part of our [Brighter Lives, Better World 2025](#) program, which [was launched](#) in September 2020.

Find out more about how grow lights are helping growers around the world on our [horticulture website](#).

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**About Signify**

[Signify](#) (Euronext: LIGHT) is the world leader in lighting for professionals and consumers and lighting for the Internet of Things. Our [Philips](#) products, [Interact](#) connected lighting systems and data-enabled services deliver business value and transform life in homes, buildings and urban spaces. With sales in 2020 of EUR 6.5 billion, approximately 37,000 employees and a presence in over 70 countries, we

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<sup>1</sup> *Climate-smart agriculture is an integrated approach to managing landscapes—cropland, livestock, forests and fisheries—that addresses the interlinked challenges of food security and accelerating climate change.*



unlock the extraordinary potential of light for brighter lives and a better world. We [achieved](#) carbon neutrality in 2020, have [been](#) in the Dow Jones Sustainability World Index for four years since our IPO and were named [Industry Leader](#) in [2017](#), [2018](#) and [2019](#). News from Signify can be found in the [global newsroom](#) and on [Twitter](#), [LinkedIn](#) and [Instagram](#). Information for investors can be found on the [Investor Relations](#) page.

### **About Ljuskårda**

All year round, [Ljuskårda](#) grows Swedish salad which can be eaten with a good conscience. What the sun, wind and rain achieve outdoors, Ljuskårda achieves indoors by creating a controlled environment to provide perfect growing conditions for every plant on 365 days of the year. Ljuskårda is based in the Swedish town of Tibro in a former timber factory which has been given new lease of life and is now a high-tech indoor farm. Today, Ljuskårda supplies thousands of families with sustainable Swedish salads every week. The company was launched in 2018. In 2019 it was awarded ICA's entrepreneurship prize and today it is one of the world's most promising foodtech businesses and one of the top 50 Nordic impact companies.