



# Sustainable agriculture with Philips LED lighting

### The challenge

For GoodLeaf it's all about sustainability. The facility incorporated innovations to enable the use of sustainable farming practices to execute on exceptional product quality. With lighting being a primary component, GoodLeaf had specific needs they expected from a lighting solution and provider. The envisioned lighting solution needed to provide scalability while being energy efficient. GoodLeaf was looking for a true partner.

### Key benefits

- Fresh, nutritious produce year round
- Energy efficient
- Improve predictability of its fresh produce

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We wanted a partner that could help us scale the business.”

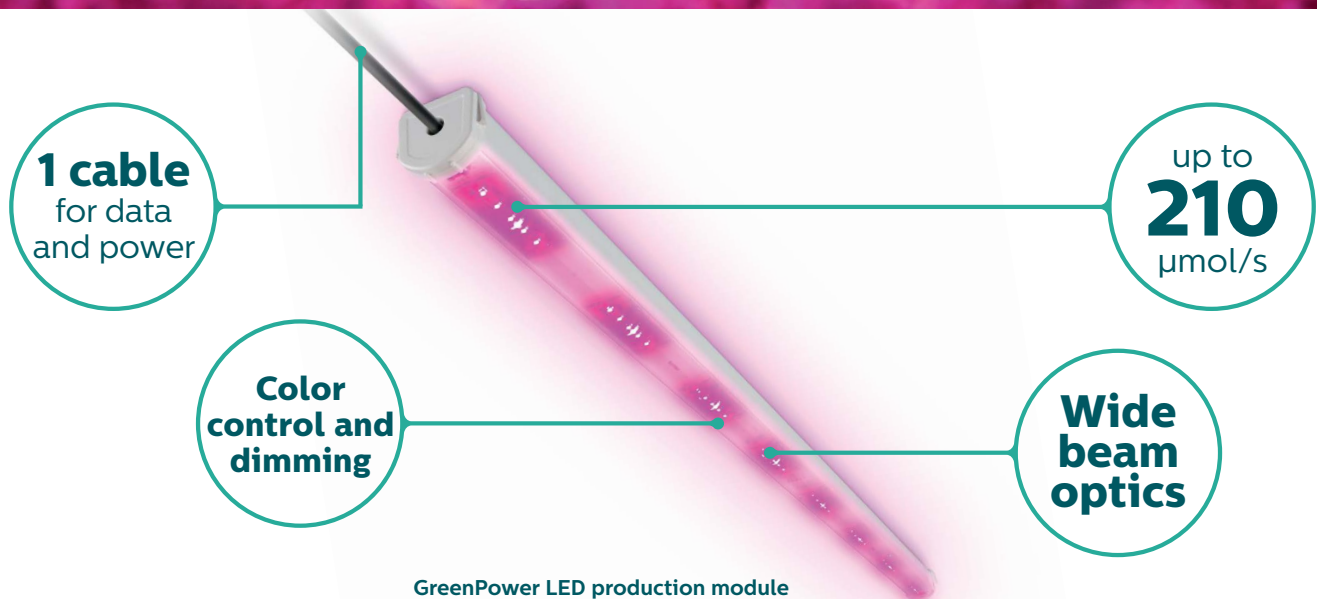
Jeff McKinnon, Chief Financial Officer and Vice President

### The solution

“We've been using the Philips products since Generation one back in 2013; we did a lot of testing against the T5 light bulb. The Production Module Gen 1 performed well, they held up over time compared to competitors, using them ever since”, says Jeff McKinnon, CFO and VP at GoodLeaf. Over time GoodLeaf worked with 12 different providers of LED lights but in Signify found the partner they were looking for to move forward and to scale their business.

For their 45000 SQF multilayer growing facility in Guelph, Goodleaf installed Philips GeenPower LED production modules. The light recipe was designed in collaboration with the Truleaf design team and engineers together with the plant specialists of Signify. The installed lighting system delivers optimal lighting uniformity.





#### Benefits

As a branded producer, GoodLeaf Farms produces and packs fresh, nutritious and pesticide-free micro and baby greens year round for Canada consumers. They expect to grow and harvest approximately 1 million pounds of fresh produce per year at their automated growing facility in Guelph. Plant specialists of GoodLeaf and Signify meet monthly to discuss optimizing their crop growth recipe. As part of the partnership GoodLeaf has greatly improved the predictability of its fresh produce. In addition, Signify and GoodLeaf worked together to obtain a sizable utility rebate from the company's hydro provider in Ontario. McKinnon said, "The partnership with Signify has been very advantageous to GoodLeaf. We will work with them on a go forward basis and very much look forward to that".

“For us everything is about collaboration and partnership and Signify fits very well in that mindset.”

**Jeff McKinnon**, Chief Financial Officer and Vice President

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