

# Setting the standard in dynamic grow lights

## The most comprehensive and smart LED solution





LED by nature's intelligence, Sollum® has developed a cost-effective cleantech solution that is raising the bar in horticultural lighting and enabling the development of more varied, sustainable, and local year-round greenhouse production.

Our solution matches every grower's needs, whether you operate a large scale farm focused on reducing costs or sell premium produce to niche markets – and all options in between.

## A future-proof solution

What makes us different? Our solution adapts to your business, not the other way around. Our fixtures are programmed once installed in your greenhouse – not at the factory. You can modify the light recipe as required should you want to introduce new crops as market demand changes, without purchasing new light fixtures.

## Benefits for your business

-  Increased productivity **(up to 40%)\***
-  Energy savings **(over 40%)\*\***
-  Maintenance cost reduced **(by 75%)\*\***
-  Quality – **Better taste, appearance, and longer shelf life**

\*Compared to other LED \*\*Compared to HPS

**Grow Smarter!**

Choose the cleantech of the future.

## The pillars of our solution

### The smartest power: SUN as a SERVICE® (SUNaaS™)

- Truly dynamic platform
- Automatically dims with changes in ambient light, in real time
- Enables multi-zone light management, each zone lit with a custom light recipe
- 24/7 fixture monitoring and preventive maintenance
- Allows real-time spectral and intensity control from the producer's PC and smartphone
- Houses a growing library of light recipes

### Connected power: The fixture

- Enables unlimited light recipes
- Each fixture is an AI-powered computer providing exceptional spectral quality
- Sensors and a spectrum rectifier deliver the benefits of the SUNaaS platform
- EDGE computing layer guarantees performance and reliability despite local connectivity issues
- Easy installation and maintenance

### Smart support

- Team of agronomists, programmers, engineers, and technicians always on call
- Chief horticulturist supports overall greenhouse management
- Agronomists address plant growth and desired characteristics
- SUNaaS + our team = 24/7 support

## CONTACT US

**Phone:** +1-866-220-5455 | **Email:** info@sollum.tech | sollum.tech

465 Saint-Jean Street, Suite 502, Montréal (Québec) Canada H2Y 2R6

