insideGROWER

INSIDER

8/1/2024

Sollum Teams Up with Leaficient

Jennifer Polanz



A new partnership between lighting company Sollum Technologies and Leaficient is designed to advance lighting strategies and recipes for indoor growers, giving growers more ways to home in on the intricacies of production. The goal is to integrate precise plant growth data into Sollum's advanced algorithms to learn, adapt and optimize cultivation.

"Integrating Leaficient's detailed plant metrics with our SUN as a Service (SUNaaS) cloud platform enhances our capability to provide incredibly tailored lighting strategies that adapt, more than ever, to the specific needs of each crop and cultivar, at every stage of growth," said François R-Moisan, CTO and co-founder of Sollum Technologies. "This partnership sets a new standard in precision agriculture."

Leaficient uses computer vision technology to perform detailed leaf-level tracking of plant stress and photosynthetic capability, according to the company. This means growers can get more precise with their lighting profiles while minimizing energy consumption.

"We are using plant performance and health knowledge to determine lighting strategies, basically using every photon to generate biomass and avoid waste," said Leaficient Co-Founder and CEO Brian Stancil.