

www.suntrackertech.com



SUNTRACKER
TECHNOLOGIES

We license fast and accurate software tools to
plan lighting needs and create photorealistic
renderings for:

Architectural
Horticulture
Entertainment
Health Care

and other lighting design and
analysis applications.



2020 MEDIA KIT



SUNTRACKER TECHNOLOGIES

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OUR COMPANY

SunTracker Technologies (Victoria, Canada) is a Global leader in the development of lighting design software. Having licensed its award-winning OEM software for use in such products as Lighting Analysts' AGi32 and ElumTools (Boulder, CO) for architectural and roadway lighting design for over two decades, SunTracker is preparing to release its web-based Cerise365+GreenhouseDesigner™ software product for greenhouse and vertical farm lighting design, including climate-based daylighting.

In 2012, SunTracker was granted its first patent for predictive daylight harvesting in commercial buildings. It currently has two granted patents and eight patent applications for greenhouse and commercial building control systems, circadian and spectral lighting, geometric simplification, real-time dynamic lighting simulation, and neural network controllers.

In 2015, SunTracker recognized the need for horticultural lighting design software for greenhouses, polytunnels, and vertical farms. In addition to developing its GreenhouseDesigner software, the company is working with academia on botanical research projects and with the American Society of Biological and Agricultural Engineers (ASABE), the Illuminating Engineering Society (IES), the Commission Internationale de l'Eclairage (CIE), and other organizations on the development of international standards for the lighting industry worldwide.



Horticultural
Architectural
Health Care
Entertainment Lighting Design.

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SUNTRACKER TECHNOLOGIES

OUR LEADERSHIP

Ian Ashdown, P. Eng. (Ret.) FIES – Senior Scientist

Ian holds a Bachelor's degree (1973) in Electrical Engineering and a Master's degree (2001) in computer Science, and he is the author of *Radiosity: A Programmer's Perspective* (Wiley 1994). The software presented in this book has been under continual development since its publication, and is licensed to Lighting Analysts (Littleton, CO) for their AGi32 and ElumTools architectural and roadway lighting design software, and to Glamox AS (Molde, Norway) for their OptiWin 3D Pro architectural and marine lighting design software.

He is a member of the American Society of Biological and Agricultural Engineers (ASABE), where he has served on three technical committees developing plant radiation metrics and horticultural luminaire testing and performance, and he is a member of the International Society for Horticultural Science (ISHS). His current research and development interests involve all aspects of horticultural lighting design.

Fellow of the Illuminating Engineering Society

Lighting research scientist since 1990

- Philips Ledalite (Langley, BC)
- Philips Research (Burnaby, BC)
- Cooledge Lighting (Burnaby, BC)
- SunTracker Technologies (Victoria, BC)

140+ patents and patent applications in lighting technology

160+ articles and papers

Specialist in mathematical modeling of lighting for:

- Architectural
- Horticultural
- Health Care

Author of "Ultraviolet Disinfection for Consumers"

29/05/2020 Peer reviewed article published for IES: "Covid -19 Response - Designing an Ultraviolet Disinfection System" Currently developing ultraviolet disinfection modeling software for health care applications





SUNTRACKER TECHNOLOGIES

OUR LEADERSHIP

Wallace Scott, CD – Senior IP Counsel

Called to the BC Bar in 1996, Wallace has practiced law extensively, providing advice, planning, implementation, management, and due diligence to clients in technology, intellectual property, corporate commercial, business, finance, and litigation. With a varied background which includes software engineering, human biology, bio mechanics, and with experience in the optoelectronics industry, Wallace is the co-inventor on issued US patents and is currently engaged as a founder and director of SunTracker Technologies Ltd.

Wallace was previously engaged in-house including as General Counsel for TIR Systems Ltd., responsible for the concurrent prosecution and management of over 170 US and foreign patents and applications, and as Senior IP Counsel for Philips Intellectual Property and Standards headquartered out of Eindhoven in the Netherlands. In 2011 Wallace left as in-house counsel to start his own practice focusing on the unique needs of start-up companies and small business.

TESTIMONIAL:



*"Thank you so much for this! Useful! So Grateful to SunTracker and the history they share with Lighting Analysts. Thank you for the DLI Calculator."
AGI32 Mexico Illuminacion*



*"We use this for EVERY SINGLE greenhouse project we are involved in!!! Amazing tool.
Thanks to SunTracker" Illumenedge*

