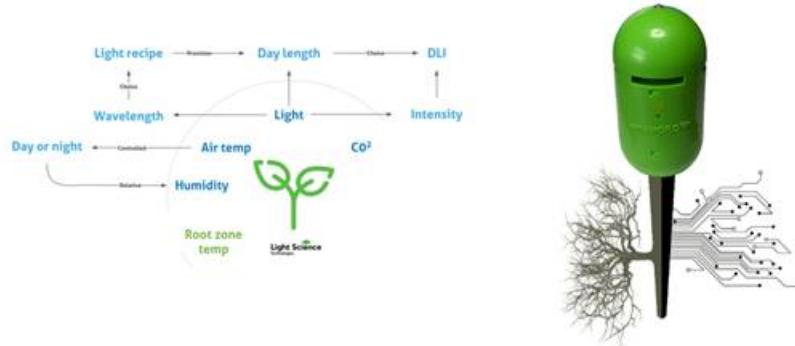


Light Science Technologies Holdings plc
("LSTH", "Light Science", the "Company" or the "Group")

AgTech Update

Light Science Technologies Holdings plc (AIM: LST) the innovative technology and manufacturing business providing real-world solutions targeting issues including global food security and fire safety, announces that it has been granted a patent for its environmental sensor, sensorGRO, covering its air and root zones measurement capabilities. These sensors enable existing customers - including Jepco, Bridge Farm Horticulture and Dyson Farming Research, to measure the key cardinals of plant life in both air and root zones, to help them grow more with less in indoor and broadacre environments.

Importantly, the patent provides a strong building block for further development - with future opportunities focused on a full environmental sensor, which would include water pollution, air pollution and carbon monitoring systems. As well as being able to design bespoke solutions for customers, who can pick and choose certain modules, the sensor system will also provide a recurring revenue stream, enhancing Group visibility.



Distribution Agreement Order

The Company also announces that it has received an inaugural order through one of its distribution agreements for a new LED toplight installation.

The Company will supply lighting, customised to the client's specifications, in a glasshouse with coverage of over 0.8 hectares, incorporating over 400 lights. It will be used to grow lettuce on a bench height moving gutter system and is expected to become operational in Q1 2026.

The Company is focused on increasing its global reach through partnerships, enabling low-cost and low-risk entry into high-growth markets. Its portfolio of AgTech lighting and sensor products and solutions is proving to be increasingly compelling, helping growers and farmers reduce waste, increase crop yields, and extend the growing season both in indoor and broadacre environments, increasing their bottom line profit. It continues to generate significant demand, with a pipeline of over £44m.

The Company has strengthened its team with the appointment of Nick Green, who is targeted with driving forward sensor sales and supporting the development of strong corporate relationships and sales channels. Nick has 25 years' experience working in the fresh produce and associated industries, including Shockingly Fresh and Florette UK & Ireland, bringing a wealth of client side experience to the team.

Mello Presentation

The Company will be presenting at the Mello2025 investor event on Tuesday 03 June 2025, to be held at The Clayton Hotel & Conference Centre, Chiswick High Road, London, W4 5RY. LSTH will have a stand at the event, where investors will be able to see a range of products, and management will be presenting at 11.40 and 15.00 on the day.

For further information and tickets (use code ShareM2550 for 50% off ticket price) for the Mello2025 conference, please visit the event website at www.melloevents.com/mello2025.

GreenTech Amsterdam

Light Science Technologies will be attending [GreenTech](#) from 10 - 12 June 2025 at RAI Amsterdam, alongside its distribution partner, [Agrolux](#).

GreenTech Amsterdam is an exciting event that brings together horticultural innovators from all over the world. As well as supporting its partner, Agrolux, the Company looks forward to connecting with industry professionals, exploring challenges they face and showcasing how its technologies can help growers cultivate bigger and better crops.

Simon Deacon, CEO of LSTH, commented: "We are extremely excited by the AgTech opportunity and believe the patent award and new contract, in conjunction with one of our partners, highlight the progress we are making. Importantly, we are growing our portfolio, reach and routes to market as we focus on further commercialising our strong pipeline and developing revenue

our portfolio, reach and routes to market as we focus on further commercialising our strong pipeline and developing revenue streams."

Watch management discuss the AgTech opportunity at the Company's Capital Markets Day held earlier this year:[Capital Markets Day Feb 2025, AgTech Division - YouTube](#)

For additional information please contact:

Light Science Technologies Holdings plc	www.lightsciencetechnologiesholdings.com
Simon Deacon, Chief Executive Officer Jim Snooks, Chief Financial Officer Andrew Hemsall, Chief Operating Officer	via Walbrook PR
Strand Hanson Limited (Nominated & Financial Adviser) Ritchie Balmer / James Harris / Rob Patrick	Tel: +44 (0) 20 7409 3494
Oberon Capital (Broker) Mike Seabrook / Nick Lovering	Tel: +44 (0) 203 179 5300
Walbrook PR Ltd (Media & Investor Relations) Nick Rome / Joe Walker	Tel: +44 (0)20 7933 8780 or lst@walbrookpr.com

Notes to Editors:

About Light Science Technologies Holdings plc (www.lightsciencetechnologiesholdings.com)

Light Science Technologies Holdings plc operates through three divisions: Passive fire protection ("PFP"); AgTech ("AGT") and contract electronics manufacturing ("CEM"). The company is involved in the design, manufacturing, and installation of products and customized solutions spanning various industry sectors, including commercial horticulture, pest control, lighting, audio, gas detection, and fire protection. With a focus on addressing global challenges related to food security, climate change, and fire protection, the Group is committed to developing robust solutions in these rapidly growing market sectors.

LSTH is the holding company for LSTH IFB Limited ("LSTH IFB") in the PFP division; Light Science Technologies Ltd ("Light Science Technologies") and Tomtech (UK) Limited ("Tomtech") in the AGT division and UK Circuits and Electronics Solutions Limited ("UK Circuits") in the CEM division.

[Passive Fire Protection \(<https://injectafirebarrier.com/>\)](https://injectafirebarrier.com/)

LSTH IFB offers a practical and cost-effective solution to rectify non-compliant public and private buildings, spanning residential, commercial, and industrial sectors, with regard to fire safety regulations - a challenge addressed by a £6.1 billion allocation from the UK government. Serving as the UK's premier independent approved installer, LSTH IFB utilises the ground-breaking InjectaClad fire-resistant graphite barrier system. This system is retroactively installed within building cavities, reinstating fire-resistant performance and containing the spread of fire and smoke compliant with regulatory requirements. This innovative solution stands out as an appealing alternative to the more costly and disruptive method of removing external facades and installing traditional fire barriers. With a proven track record in the passive fire protection market and a robust sales pipeline, LSTH IFB targets a UK market potentially valued at up to £50 billion*.

AgTech

The Group's tailored solutions encompass control systems, grow lights, sensor technology, venting, and irrigation systems, catering to both UK and global customers. Key markets include indoor, vertical, glasshouses, polytunnels, and more recently wider applications in broadacre farming. Driving factors comprise global food and water shortages, a growing population, government policies promoting sustainable growth methods, heightened scrutiny of food production's impact on climate change, and a shift away from processed foods. Key markets span the Americas, Australasia, and select locations in the Middle East.

The sensorGRO technology enables real-time monitoring of essential air zone growing factors such as carbon dioxide, air humidity, air pressure, air temperature and light, in addition to essential root zone cardinals such as soil temperature, soil moisture, and soil electroconductivity. Further developments to monitor greenhouse gases, initially Nitrous Oxide (N2O) are in progress. This empowers farmers to enhance resource management, saving costs on water, nutrients, fertilizers, and energy, while simultaneously increasing yields and cultivating healthier crops. Learn more here: <https://lightsciencetech.com/sensorgrow/>. The nurturGRO sustainable grow lighting product range, applicable to greenhouses, vertical farming, polytunnels, and

licensed medicinal plants, addresses a robust market with an anticipated global worth of £9.1 billion** by 2030. Explore solutions here <https://lightsciencetech.com/solutions/greenhouse/>

Through Tomtech, the Group stands out as a UK leader in control systems for commercial greenhouses and polytunnels. Tomtech enables growers to optimise and automate cultivation environments, leading to superior crop growth. The product range includes control systems, software, irrigation, lighting, sensors, and venting, applicable across various crops, ultimately improving yields and profitability. Discover more here <https://www.tomtech.co.uk/>

Contract Electronics Manufacturing (<https://www.ukcircuits.co.uk/>)

UK Circuits serves as the Group's profitable and revenue-strong CEM-focused division. It excels in designing, procuring, and manufacturing high-quality electronic products, with a specialisation in Printed Circuit Boards. These products find application across diverse sectors such as audio, automotive, electronics, gas detection, lighting, pest control, telecommunications and AgTech.

* [Estimators price cladding replacement at 10 times government budget \(theconstructionindex.co.uk\) 2021](#)

**[Report: Allied Market Research LED Grow Lights Market Analysis 2030; \(https://www.alliedmarketresearch.com/led-grow-lights-market-A12416\); USD 12.3 billion by 2030 converted at GBP £1 = USD 1.35.](#)

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