



**LUX Photonics Consortium (LUX)** is a public-funded organization supported by National Research Foundation (NRF) and hosted by Agency for Science Technology and Research (A\*STAR) Consortium Management Office. A national level platform that strives to facilitate photonics IP commercialization and encourage stronger research partnerships between Institutes of Higher Learning (IHLs) and the industry, in developing groundbreaking applications and to act as a link with the global photonics network. Leveraging on the critical mass of photonics research expertise and resources at the IHLs, the consortium’s research capabilities span from fundamental science to applied photonics and optical engineering. With more than 70 faculty/research members’ technical expertise and state-of-the-art equipment and facilities, our research capabilities complement over 70 industry members’ R&D towards new innovations and technologies. For more information, visit us at [www.luxphotonicsconsortium-sg.org](http://www.luxphotonicsconsortium-sg.org)

## LUX Photonics Consortium Members Directory

### Table of Contents

<b>Acexon Technologies</b> .....	4
<b>Advinno Technologies</b> .....	4
<b>Aerotech</b> .....	4
<b>AGC</b> .....	4
<b>AMF</b> .....	5
<b>AXISTEC</b> .....	5
<b>Bote Optics</b> .....	5
<b>Coherent Singapore</b> .....	5
<b>CompoundTek</b> .....	6
<b>CTmetrix</b> .....	6
<b>DELO</b> .....	6
<b>Denselight Semiconductors</b> .....	6
<b>DSO National Laboratories</b> .....	7
<b>Edmund Optics</b> .....	7
<b>EVATEC</b> .....	7
<b>Excelitas Technologies</b> .....	7
<b>EXFO</b> .....	8
<b>Fingate Technologies</b> .....	8
<b>GDS Instruments</b> .....	8
<b>GLOBALFOUNDRIES (GF)</b> .....	8
<b>Global TechSolutions (GTSS)</b> .....	8

<b>Hakuto Singapore</b> .....	9
<b>Huawei</b> .....	9
<b>iLASER</b> .....	9
<b>In.D Solution</b> .....	9
<b>InnoLight</b> .....	10
<b>Innowave Tech</b> .....	10
<b>JD Union</b> .....	10
<b>JMVS</b> .....	10
<b>KIAST</b> .....	11
<b>KLA Corporation</b> .....	11
<b>Komax Group</b> .....	11
<b>Leuze</b> .....	11
<b>Lightelligence</b> .....	12
<b>LightHaus Photonics</b> .....	12
<b>LightSpeed Photonics</b> .....	12
<b>LITE-ON Singapore</b> .....	12
<b>Lotus Microsystems</b> .....	13
<b>Masstron</b> .....	13
<b>Materion Balzers Optics</b> .....	13
<b>Meridian Innovation</b> .....	13
<b>Newport Opto-Electronics Technologies</b> .....	14
<b>Minox Techno</b> .....	14
<b>MMI Systems</b> .....	14
<b>Moveon Technologies</b> .....	14
<b>NAGASE</b> .....	15
<b>OIP Technology</b> .....	15
<b>OGP®</b> .....	15
<b>Opto Precision</b> .....	15
<b>OptoSigma Southeast Asia</b> .....	16
<b>Palomar Technologies</b> .....	16
<b>Phaos Technology</b> .....	16
<b>PI (Physik Instrumente)</b> .....	17
<b>Polytec</b> .....	17
<b>Precision Laser Solutions</b> .....	17
<b>Precision Technologies</b> .....	17
<b>ProtoKING</b> .....	18
<b>Quantum Chemical Technologies</b> .....	18
<b>SDO</b> .....	18
<b>Shimadzu Asia Pacific</b> .....	18
<b>SICK</b> .....	19

<b>SiTerra</b> .....	19
<b>SIMTRUM</b> .....	19
<b>Singlite</b> .....	19
<b>Sintec Optronics</b> .....	20
<b>Sonic Singapore</b> .....	20
<b>STAr Technologies</b> .....	20
<b>ST ENGINEERING ADVANCED NETWORKS &amp; SENSORS PTE. LTD. (STE-ANS),</b> .....	20
<b>Sunyu Photonics</b> .....	21
<b>Synopsys</b> .....	21
<b>Syswell Technology</b> .....	21
<b>Tessolve</b> .....	21
<b>TNC Optics &amp; Technologies</b> .....	22
<b>Transcelestial</b> .....	22
<b>ULVAC</b> .....	22
<b>Wavelength Opto-Electronic</b> .....	23
<b>WEO Corporation</b> .....	23

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## COHERENT

Coherent Singapore is "ASIA Manufacturing Centre" of Coherent, Inc, with headquarters in the heart of Silicon Valley, California, and offices spanning the globe. Coherent is a world leading supplier of laser and photonics-based solutions to a broad range of commercial and scientific research customers. Coherent designs, manufactures and markets lasers, laser-based systems, precision optics and related accessories for a diverse group of customers. [www.coherent.com](http://www.coherent.com)

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CompoundTek Founded and supported by industry veterans and technologists, Singapore-based CompoundTek combines world-class commercial foundry with leading silicon photonics (SiPh) research institutes to provide cutting-edge SiPh technologies that enhance foundry services capabilities. As one of the elites offering SiPh solutions internationally, CompoundTek brings to the marketplace revolutionary semiconductor applications designed to meet critical requirements in high bandwidth and high data transfer solutions particularly in emerging connectivity driving Industry 4.0. The company's in-depth know-how includes end-to-end technologies - from proprietary fabrication process expertise to product design support with strategic partners and extended services for end-product manufacturing. CompoundTek's global customers span leading brands and FORTUNE 500 companies in high-growth industries including artificial intelligence, automotive, bio-medical diagnostics, data centre, lidar, smart sensor, telecommunication and quantum optical computing. [www.compoundtek.com](http://www.compoundtek.com)

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Fingate Technologies is an integrated photonics fabless technology company, whose mission is to develop highly integrated optical systems, enabling widespread applications including environmental monitoring and healthcare, etc. [www.fingatetech.com](http://www.fingatetech.com)

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that focus solely on what we do best, engineering innovation and perfection in customer service and partnership. [www.globaltechsolutions.com.sg](http://www.globaltechsolutions.com.sg)

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**Hakuto Singapore** Pte Ltd is a subsidiary of Hakuto Co., Ltd (Japan), a Public Listed Company in Tokyo Stock Exchange (#7433). We have more than 40 years' solid experience in electronics and photonic field since 1977. As a renowned distributor in the Photonics industry, our primary focus is to offer a spectrum of quality products ranging from: PMTs, UV-VIS-IR Light Sources & Photodiodes, LEDs, Image Sensors, Mini-Spectrometers, X-ray Sensors, Laser Diodes, Quantum Cascade Lasers, Optical Fiber probe, Cuvette, Optical Mechanical components, Microchannel Plates, X-ray Products, Imaging & Measurement Instruments for diverse fields such as Biological, Medical, Pharmaceutical, Spectroscopy, Semiconductor Inspection and Industry, etc. [www.hakuto.com.sg](http://www.hakuto.com.sg)

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#### LIGHTELLIGENCE

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LightHaus Photonics Pte. Ltd. is a high-tech company registered in Singapore in 2011. Its facility resides in Enterprise One, 1 Kaki Bukit Road, #03-09. It focuses on the development of advanced photonics/optical imaging system. LightHaus has many indigenous capabilities related to photonics, optical design and quick prototyping. Most of developed photonics imaging systems are first-of-a kind systems. [www.lighthaus.com.sg](http://www.lighthaus.com.sg)

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LITE-ON Singapore (LOS) was established in 2008 as a regional headquarters of LITE-ON Technology Corporation (LTC). The latter was founded in 1975 and would soon become the first listed electronics company in Taiwan and a world-leading provider of opto-semiconductor, power supply management and key electronic products with global manufacturing facilities. As one of the wholly owned subsidiaries of LTC, LOS shares the same vision and many of the industrial developments as part of the LITEON Group. In recent years, the LITEON Group has expanded in the fields of cloud computing,

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