

Certificate of Registration of Quality Management System to ISO 9001:2015 The National Standards Authority of Ireland certifies that:

PHOTONIS USA, Pennsylvania, Inc. 1000 New Holland Avenue Lancaster, PA 17601-5688 USA

has been assessed and deemed to comply with the requirements of the above standard in respect of the scope of operations given below:

The Design and Manufacture of Vacuum Electron Devices, Components and Systems.

Approved by: Geraldine Larkin Chief Executive Officer

Approved by: Lisa Greenleaf Operations Manager

Jisa Sheerby

Registration Number: 19.1020 Certification Granted: Nov 10, 1992 Effective Date: Nov 10, 2017 Expiry Date: Nov 09, 2020 \bigcirc

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