



# SEVEN SPRINGS TROUT HATCHERY



Seven Springs Trout Hatchery was founded in 1977 and operates a disease-free trout farm producing high-quality trout eggs for world-wide sale.

Light plays an incredibly vital role in the reproductive lifecycle of trout. The viability of trout eggs is greatly affected by the presence or absence of light of a certain spectrum. Use of LED-based artificial light and its intelligent control has proved an effective tool to ensure a strong crop of healthy fish.

We faced many challenges in the commissioning of the Seven Springs Trout Hatchery in Northern Ireland with reduced Bluetooth range due to the IP rating of our LED fixtures and the abundance of water in operation. The farm is in a remote location with reduced technical services was also a stumbling block for completing the installation.

Despite the various hurdles, Ansell's [Tornado Pro](#) was identified as the ideal solution for Seven Springs Trout Hatchery and was successfully installed throughout the trout farm. Our very popular OCTO enabled [Tornado Pro](#) is installer friendly with embedded features which aid accurate and fast installation for any application. Installers also massively benefit from the Tornado Pro's unique base design that caters for multiple installation methods. A quick-release LED array/gear tray assembly provides the installer the means to faster maintenance making the Tornado Pro one of the most installer-friendly products available in the industry.

Our Tornado Pro is packed with key features:

- Exceeds performance of standard T5 fluorescent.
- Ultra-slim IP65 LED NCF linear.
- Fast latching/permanently located stainless steel side clips ensure a quick and secure connection.
- Tridonic LED driver as standard.
- LED lifespan L80 B10 54,000 hours.

It was of paramount importance for Seven Springs to be able to control the light output which is integral for maintaining a strong crop of trout. All products in the OCTO smart lighting range communicate with each other flawlessly, forming a Bluetooth mesh that enables users to control all OCTO powered devices. That control our OCTO system provides users will benefit Seven Springs hugely as they continue to produce some of the world's best trout.

Our OCTO Strategic Co-ordinator Phil Duignan said:

"We achieved our customers goal of supplying the right amount of light, at the right time of the day/year and we look forward to continuing to support them in their diverse and interesting field of aquaculture!"

You can find out more about our OCTO smart lighting system [here](#).