



Swiss Precision Lighting

Ralf Stucki – CEO

Dr. Harald Pier – Founder

Tom Zimmermann – Founder

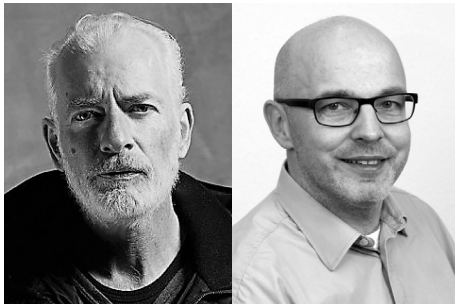
Founded in 2010

splighting.ch



Founders

Swiss Precision Lighting was founded in 2019 in Murten by a group of individual entrepreneurs that met at Next Generation, an association for sustainability.



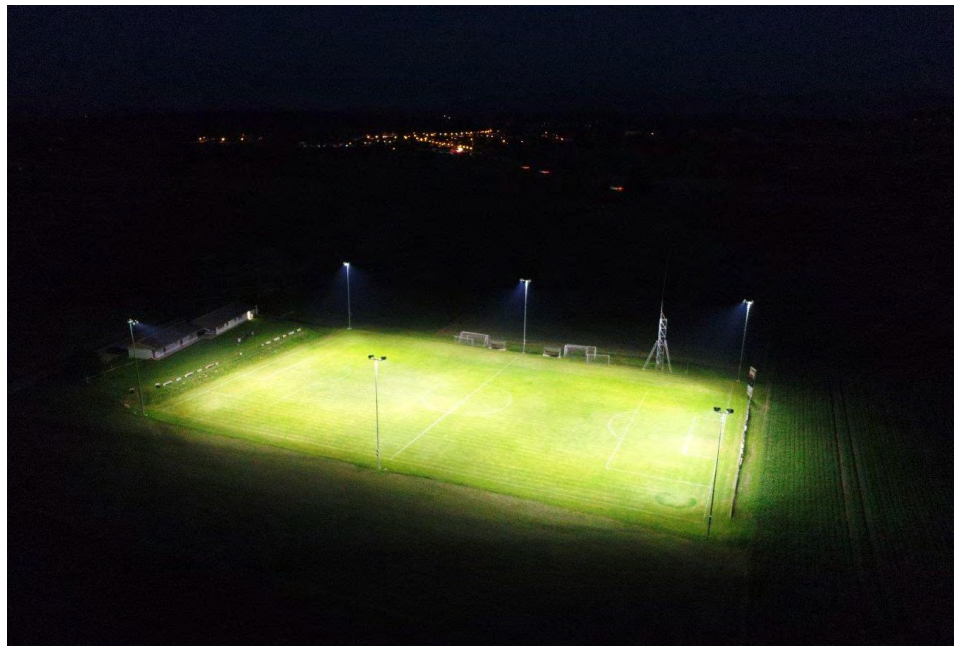
Tom Zimmermann & Dr. Harald Pier.

Mission

The mission of the start-up is to develop and distribute an energy-efficient and precise LED lighting system that avoids light pollution and thereby protects people and biodiversity.

Innovation

They developed a revolutionary system that precisely guides the light from the inside of a box to the target surface. Thus, a much higher proportion of light reaches the surface compared to conven-



Swiss Precision Lighting's light system.

tional systems. The guiding light system prevents light spreading in unwanted directions and therefore protects the nocturnal life of animals, ecosystems and residents living around. The idea came from the fact that light standards are not very high in Europe and Switzerland and that we need to reduce our light pollution. It is important to find solutions for neighbours living next to sport's fields for example. This environmentally-friendly solution reduces energy consumption by up to 40% in comparison to the LEDs that are used right now for sports fields. Moreover, the light system, developed and produced exclusively in Switzerland, requires very little maintenance and is entirely recyclable at the end of its life.

Markets and Clients

The startup focuses on sports fields, but the product can also be used for industry. Since it's very modular and adaptable, it can be used at any place where there is a need for light and where environmental protection is a priority. The first prototype system was installed in Fribourg in March 2020.

Funding

Swiss Precision Lighting benefited from the help of FRIUP, the program from the Canton of Fribourg for young innovative startups.