VOSSLOH SCHWABE



THE IDEAL SYSTEM SOLUTION

Light Management System
LED Modules
Control Gear

THE IDEAL SYSTEM SOLUTION:

LIGHT CONTROL + LED



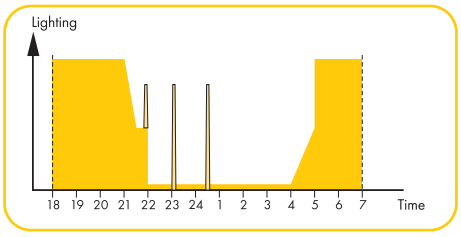
Safe roads thanks to intelligent lighting



BENEFIT FROM ENERGY SAVINGS OF UP TO 80% WITH LED LIGHTING PLUS INTELLIGENT LIGHT CONTROL.

When efficient technology is used in the right place – whether in a new-build or as part of a refurbishment – municipal and rural authorities not only stand to gain from a decrease in energy requirements and sustainably lower costs, but can also make a contribution to reducing their carbon footprint.

To this end, Vossloh-Schwabe provides efficient solutions based on the latest technology. Whether you require LED modules, drivers, light-guidance lenses or control systems, Vossloh-Schwabe can deliver turnkey solutions from a single source.

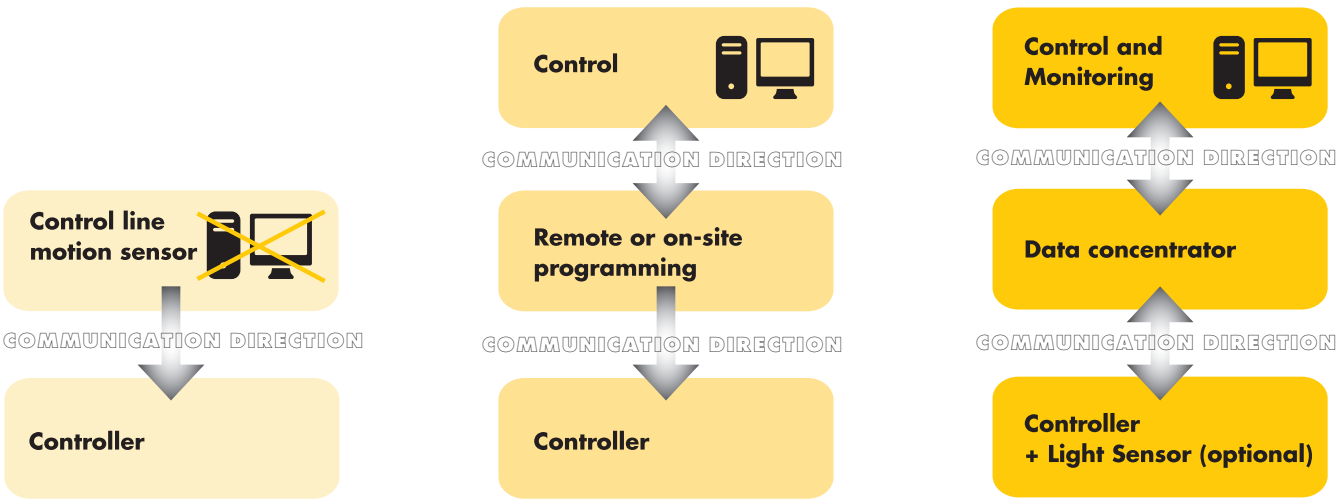


Example: graph of a controlled street lighting system

INTELLIGENT LIGHT MANAGEMENT SYSTEM FOR OUTDOOR APPLICATIONS

Regardless of existing technical conditions, VS' LiCS Outdoor light management system can monitor and control specific luminaires or entire luminaire groups. In line with individual requirements, light intensity can be dimmed in either a sensor-controlled or pre-programmed manner. This kind of need-driven lighting results in major savings potential. As a further option, adding convenient remote monitoring functions not only serves to optimise maintenance processes, but also makes them easier to plan and budget in detail.

EXPANSION STAGES OF LICS OUTDOOR



THE IDEAL SYSTEM SOLUTION:

LIGHT CONTROL + LED



Easy on the environment and your pocket

In addition to our LiCS Outdoor light management system, we can also provide you with matching LED modules and LED drivers – the ideal system solution for a modern lighting concept. And from a single source.



LED modules for outdoor use with various luminous fluxes and light distribution curves

LED STREET AND OUTDOOR LIGHTING

Vossloh-Schwabe provides reliable and compact LED modules for street lighting in accordance with EN 13201.

IP67 degree of protection enables "open" luminaire design
- The luminaire casing requires no further protection
- No reflector or protective glass cover required

Optimised light guidance
- Can cover all ME and S classes with just a single optical attachment
- Reduction of glare and optimisation of horizontal illumination

Sturdy and compact aluminium base
- Superior thermal properties for optimum thermal discharge

VS' modular concept:
Combining various LED modules lets you create numerous variations to suit all possible lighting classes – and with the greatest of ease.



LED control gear with various output classes

LED CONSTANT CURRENT DRIVERS

Vossloh-Schwabe's electronic direct current sources were specifically designed for use in outdoor lighting systems.

VS LED Drivers: 400, 700 mA / 150 W
Simple implementation of power reduction: adding a phase lets you switch between 400 mA and 700 mA. Available in IP20 and IP66 variants, Protection Class I.

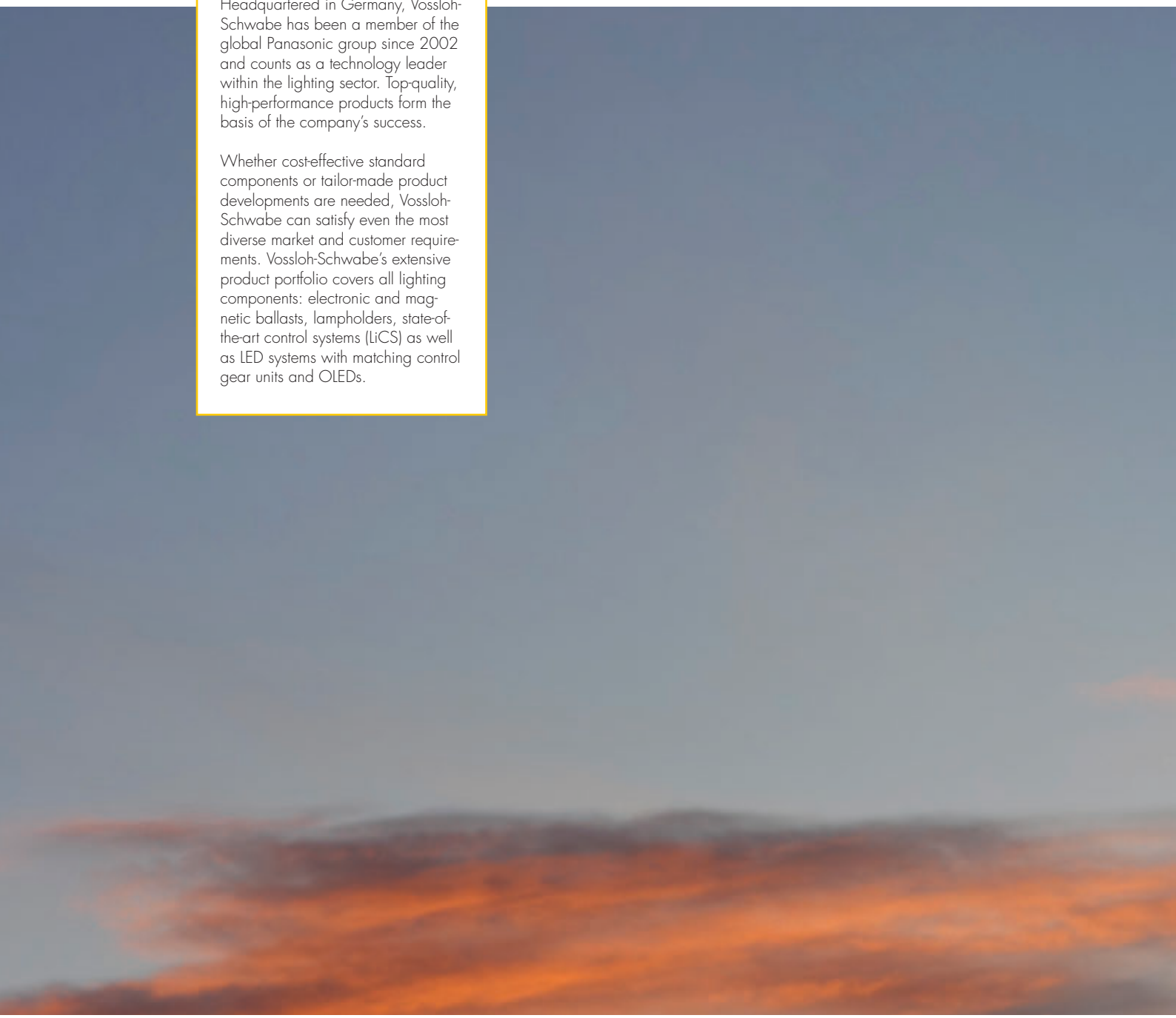
VS LED Drivers
2x700 mA / 150 W (2 channels)
1x700 mA / 75 W
Available in IP67 and dimmable variants (1–10 V interface), Protection Class II

VS VOSSLOH SCHWABE

Whenever an electric light goes on around the world, Vossloh-Schwabe is likely to have made a key contribution to ensuring that everything works at the flick of a switch.

Headquartered in Germany, Vossloh-Schwabe has been a member of the global Panasonic group since 2002 and counts as a technology leader within the lighting sector. Top-quality, high-performance products form the basis of the company's success.

Whether cost-effective standard components or tailor-made product developments are needed, Vossloh-Schwabe can satisfy even the most diverse market and customer requirements. Vossloh-Schwabe's extensive product portfolio covers all lighting components: electronic and magnetic ballasts, lampholders, state-of-the-art control systems (LiCS) as well as LED systems with matching control gear units and OLEDs.



A member of the Panasonic group Panasonic

Vossloh-Schwabe Deutschland GmbH

Hohe Steinert 8 · D-58509 Lüdenscheid · Germany
Phone +49 (0) 23 51/10 10 · Fax +49 (0) 23 51/10 12 17
www.vossloh-schwabe.com

VOSSLOH SCHWABE

All rights reserved © Vossloh-Schwabe
Specifications are subject to change without notice
LiCS System Solution EN 06/2013