

## UNIVERSAL LED SOLUTION FOR INDUSTRIAL AND HIGH-BAY LIGHTING

Industrial environments often go hand in hand with harsh conditions in which lighting must be protected against humidity, dust and major temperature fluctuations.

With the new **LED Industry Kit**, VS now provides a first-class all-in-one solution which satisfies precisely these requirements. In addition, you get a highly efficient and durable LED system that ensures optimum lighting for working spaces and traffic areas, even in the presence of extreme ceiling heights.

The long service life of the modules also means that operating costs, which arise due to time- and cost-intensive maintenance work, can be reduced.

In addition to the individual components, LED PCBs, optics and heat sinks specifically optimised for use in industrial applications, a fully assembled unit with pre-assembled cables is also available. Thanks to optics with 90°, 60° and high-rack light distributions that were specifically optimised for use with LEDs, optimum UGR values as well as lighting and visibility conditions can be ensured for many different applications. As a result, one and the same luminaire model can be used for a variety of projects simply by using a different optic.

VS constantly develops new optics and light distributions, which will keep your luminaires fit for new applications in the future.

### LED Industry Kit – Compact Design, High Light Output, Robust

- Up to 10,700 lm at 154 lm/W ( $t_p = 50\text{ °C}$ ); max. efficiency: 181 lm/W
- Colour Rendering Index (CRI):  $R_a\ 80$
- Low colour tolerance: 3-step MacAdam
- Degree of Protection: IP65, Impact resistance: IK08 (Impact test: 5 Joule)
- 3 different light temperatures: 3000 K, 4000 K, 5000 K
- 3 different light distributions: Wide 60°, Wide 90°, High-rack
- Highly efficient optics (92%) made of transparent PC with a silicone seal (PMMA available on request)
- Very long service life: > 60,000 hours; L80/B10,  $t_a\ 50\text{ °C}$
- 5-year warranty



### Highly Flexible and Reliable LED Drivers

The system is rounded off by the matching VS LED drivers, which are ideally suited to industrial lighting applications. A high degree of flexibility for luminaire design purposes is guaranteed by both integrated protection against overheating, provided by an external NTC resistor, as well as the option of connecting an active 12 V cooling device. Further advantages include:

- Compact design
- In-luminaire and independent installation
- Output options: 112 W and 126 W
- Current options: 700 mA and 1050 mA
- DALI-dimmable and non-dimmable versions
- Overload and overheating protection
- Short-circuit protection
- No-load resistance
- 5-year product warranty



Let your lighting make more impact with **Vossloh-Schwabe's LED Industry Kits.**

Your VS Sales Team