




LED Dustproof/Waterproof light fittings 161/162 for extreme requirements



NEW!
up to an ambient
temperature
of +50°C



- energy cost saving up to 60%
- uniform illumination, no visible individual LED light points
- with  identification and color rendition $R_a > 80$

SCHUCH – with passion for good lighting



Quality is what counts!

Dustproof/Waterproof light fittings for application in industrial establishments and workshops must fulfil high requirements. They must be of a robust design. They must be extremely resilient and durable as well as of a high safety of continuous service.

In short:

These light fittings must be of a significant quality and they must be highly suitable for a rough industrial application.

More than ever, these features apply to LED light fittings! Only if these elementary quality characteristics are fulfilled the particular advantages of the LED technology can be of a permanent use.

The LED solution

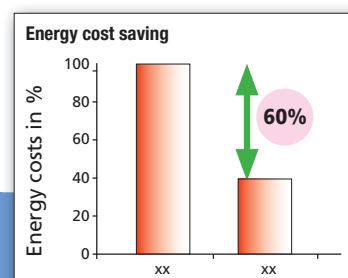
Basing on the concept of the millions of these robust dustproof/waterproof luminaires of series 161/162...which have stood the test in the industrial sectors the new LED alternatives 161/162... LED have been developed.

Their advantages are highly convincing:

- 1. Highly efficient with a luminous efficiency up to 130 lm/W and an energy cost saving up to 60% in the undimmed operation.**

In case of the dimmable versions with DALI interface (DIM D)

further considerable energy cost savings are achievable subject to the selected dim setting.



- 2. Uniform glare-free illumination thanks to the frosted diffuser on the light fitting.**

Comfortable light perception. Any individual light points are not visible.



- 3. High color rendition $R_a > 80$ and „D“ identification.**

Hence, the workplace regulations being fulfilled, the light fittings can be applied at almost every operating site as well as at zones with increased fire hazards due to inflammable dusts.

$R_a > 80$



- 4. Life expectancy $L_{70}B_{10} > 50.000$ hours at the admissible maximum ambient temperature.**

The data of the life expectancies are basing on the admissible maximum ambient temperature. This feature refers to all SCHUCH LED light fittings. This is a respectable point that provides the operating staff with a high safety level.



- 5. Future-proof and environmentally friendly.**

The ECG and the LED modules are exchangeable on-site. Alternatively SCHUCH could supply a completely assembled reflector if reasonable (no disposable light fitting!).

Resource-conserving

- 6. It is your choice i.e. you may select:**

Types optimized with regard to their energy consumption as a One-to-One replacement of versions for conventional fluorescent tubes, types with a high luminous flux e.g. for new project plannings, versions for an ambient temperature of $+50^{\circ}\text{C}$ or -40°C or types for outdoor installation and in the food industry. We are always ready to submit our optimal solution.

You may select!



SCHUCH – experience and innovation since 1895.