

***The reliable solution
for all outdoor areas***



**Series
161/162... AUS**



- outdoor application without any protective measures
- with breather for controlled pressure balance
- UV-resistant and mechanically highly stable

SCHUCH – with passion for excellent lighting.



Problem zone „outdoor areas“

Although -as the name suggests- dustproof/waterproof light fittings have been designed for installation in humid and wet indoor areas, they are often misapplied by using them in outdoor areas just in order to avoid investing in more expensive outdoor luminaires.

**With disastrous consequences – as can be seen again and again:
Water in the housing, broken diffusers yellowed due to solarization or ballasts and lampholders destroyed by moisture ingress.**

SOLUTION

Series 161/162... AUS – based on the dustproof/waterproof, millionfold proven, high-quality, robust and extremely tough series 161/162 , however, modified especially for outdoor application.

Its advantages are unique:

1. Outdoor application without any protective measures.

Series 161/162...AUS can be mounted not just in roofed outdoor areas but also fully unprotected (such as mounting on building walls or by means of special pipe clamps on bracket poles, special frames for light fittings, walkways and any kind of steel structure). However, you must adhere certain conditions when installing these light fittings. Nevertheless, these light fittings are not suitable for an installation at extremely exposed locations with high wind loads and rare operation (such as illumination for maintenance and inspection purposes).

2. Controlled pressure balance for protection from humidity.

In case of temperature fluctuations the breather ensures a controlled pressure compensation inside the light fitting. Thus, water condensation is prevented. High-quality electrical components released for outdoor application ensure a reliable and safe operation.



3. UV resistant and mechanically highly stable.

Housing and PMMA diffuser are UV resistant. Due to their remarkable wall thicknesses of 2 mm (housing) and 1.9 mm (PMMA diffuser) these components are highly stable and impact-resistant. Moreover, these light fittings are shock-resistant up to 16 g and have been tested by the TÜV organization for seismic safety.



TÜV



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since 1895. Challenge us!***