

# LED-light for sensitive areas

SCHUCH-Light Fittings with light colour amber

SAFETY



ECOLOGY



QUALITY OF LIFE



*With passion for  
excellent lighting - since 1895!*

 **SCHUCH**

# One light colour - lots of possibilities

The requirements for the quality of exterior lighting are as diverse as the application areas. However, sensitive areas deserve greater attention, especially when it comes to safety, ecology and quality of life. Amber (light colour 518 = 1,800 Kelvin) is called the magic formula here. A «yellow light» that fulfils the high demands of these areas.

## ★ SAFETY

**»Yellow light» is much less dispersed in fog than white light. The reason is the lack of blue. Better visibility and thus higher safety are the result.**

This is a crucial advantage in the lighting of port facilities, container terminals, loading stations, onshore waterway lock systems, etc., which need to guarantee reliable operation night after night in all weather conditions. At pedestrian crossings the colour distinction from the usual street lighting leads to an increased attention of the road users and thus to an increased safety for all participants.

## ★ ECOLOGY

**»Yellow light» is very insect friendly due to the lack of blue content and is significantly less dispersed in the night sky than white light.**

This makes it ideal for lighting in parks, areas adjacent to natural areas and areas that would like to be registered as so-called dark sky reserves or are already recognized e.g. such as the Death Valley National Park (USA), the Ramon Crater (ISR) or the Waterton Lakes National Park (CAN).

For this, the recommendations of the International Dark Sky Association (IDA) must be implemented by the communities. This means that only luminaires may be used that do not emit light into the upper half-space (Upward Light Ratio ULR = 0%), are dimmable and have a much reduced blue content. This is best achieved with yellow tones.

## ★ QUALITY OF LIFE

**«Yellow light» is perceived as warm light, which produces a pleasant and cosy atmosphere.**

An aspect that is especially attentive to the illumination of the old town and that it is well accepted locals and tourists. Last but not least, amber-coloured light (1,800 Kelvin) offers city planners the opportunity to use yellow and white light in a targeted way to differentiate areas visually against each other. Existing lighting master plans can be updated and the familiar yellow light colour can be maintained even with the use of more energy-efficient LED lights.

Not only the light itself should be designed to be appealing and to the respective requirements, the luminaires should also blend harmoniously into their environment. That is the reason why we offer almost the entire LED outdoor lighting range in the special light colour amber (1800K). Find out more about the possible applications and benefits at [www.schuch.de](http://www.schuch.de)

