

***Neu: AMBER***

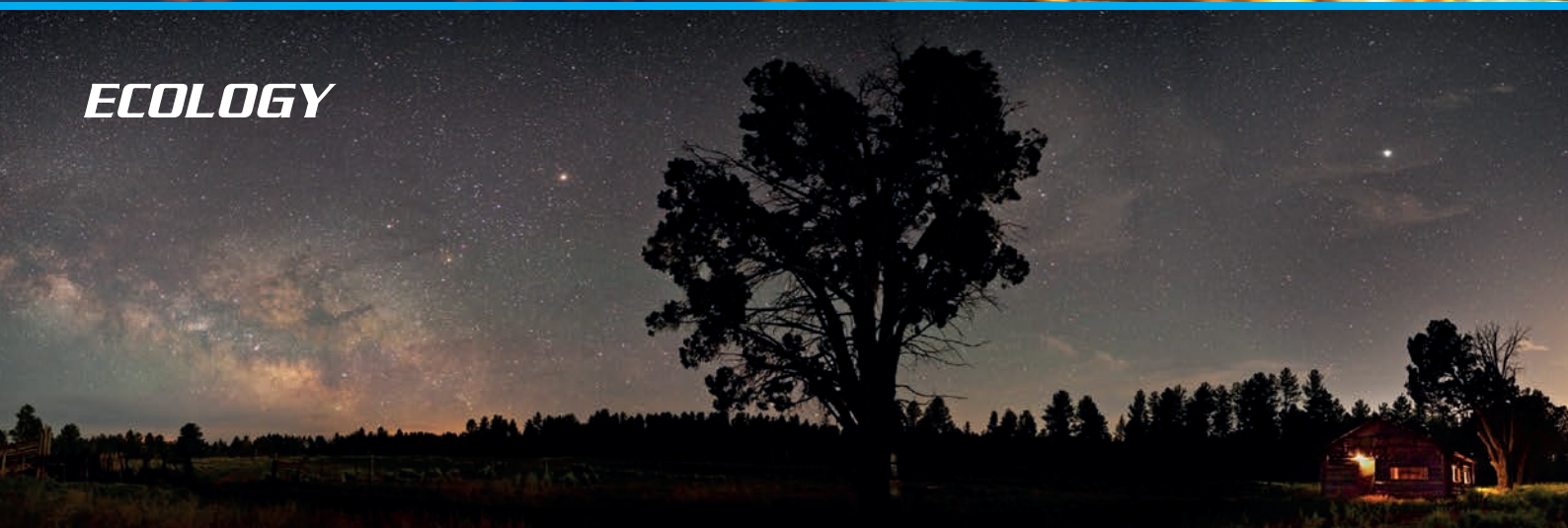
***LED light for sensitive areas***



***SAFETY***



***ECOLOGY***



***QUALITY OF LIFE***



***SCHUCH – with passion for excellent lighting.***



The quality requirements for exterior lighting are as diverse as the applications. However, sensitive areas deserve greater attention, particularly where **safety, ecology and quality of life** are concerned.

**Amber (light colour 518 = 1,800 Kelvin) is the magic formula here: a "yellow light" that fulfils the requirements in these sensitive areas.**

## SAFETY

In fog, "yellow light" is significantly less dispersed than white light with a high proportion of blue. The consequences are better vision and thus greater security.

This is a crucial advantage in the lighting of port facilities, container terminals, loading stations, lock systems on inland waterways etc., which need to guarantee reliable operation night after night, in all weathers. At pedestrian crossings, the colour distinction from the usual street lighting results in increased awareness by road users and thus improved safety for all parties.



## ECOLOGY

In the night sky, "yellow light" is significantly less dispersed than white light with a high proportion of blue. Furthermore, because of the lack of blue content, amber is the most insect-friendly light.

This makes it ideal for lighting in parks, areas adjacent to conservation areas or natural reserves, and regions that want to be recognised as so-called dark sky reserves, e.g. such as the Westhavelland region, the Rhön biosphere reserve or the Eifel dark sky reserve. These communities must implement the recommendations of the International Dark Sky Association (IDA). I.e. the lighting must not only be emitted downwards and be dimmable; in addition, the blue proportion in the light must also be significantly reduced. This is best achieved with yellow tones.

And, with at least 20,000 to 30,000 amateur astronomers organised in clubs and with the increasing trend of astro-tourism, there are previously unknown opportunities for these communities, which need to be used.



## QUALITY OF LIFE

"Yellow light" is perceived as warm light, which produces a pleasant and cosy atmosphere.

This is one aspect of lighting in historic towns that is given special consideration and meets with a high level of acceptance among residents and tourists. Not least, amber coloured light (1,800 Kelvin) offers town planners the option to use yellow and white light in a targeted way to differentiate areas visually against each other. Existing master lighting plans can be updated and the familiar yellow light colour can be maintained even with the use of more energy-efficient LED lights.



**We offer almost the entire LED exterior lighting range in the special light colour amber, with better colour rendering, greater efficiency and considerably longer durability than with conventional NAV lights.**

**Of course, we are happy to advise you on the applications and advantages.**

**Talk to us!**

**SCHUCH –**

*Quality and innovation since 1895. Ask us!*