

Amalion, a Lighting That Cares for the Plants

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1. BLV Licht- und Vakuumtechnik

Plants are an important element of most zoos, parks and aquariums installations. Finding a lighting, which keeps your plants healthy without compromising the atmosphere of your exhibition can be a challenge. Designated plant lightings are usually pink, disturbing to the human eye, and designed to stimulate extensive growth. White light, on the other hand, is pleasing for the visitors, but inefficient when it comes to photosynthesis. Therefore, we developed a new product line `Amalion`, which gives plants all the light they need and the visitor white light with all the colours they wish for. It emits a full spectrum with all colours in the visible range and, at the same time, provides sufficient photosynthetically active photon flux for plants to grow. In this way, your plants will thrive without interfering with the human experience of an indoor installation.