

## Light and wellness

Different fiber optic lighting solutions for the leisure facility  
"Laguna Asslar"

The former municipal bath in Asslar was changed into a modern leisure facility during the last few years. To realize the sophisticated attitudes towards lighting design, the specialists of *bedea*'s were integrated at an early stage.

Up to now, the following steps could be established in close cooperation with the building department of the city of Asslar.

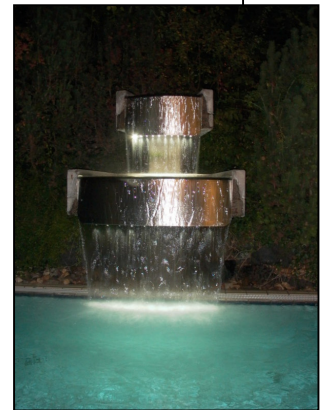


### Sauna Area:

Conditions: high temperatures, high humidity.  
Design: coloured light with time-controlled colour change (15 mins. interval).

### Water feature:

Conditions: permanently wet environment, high protection against humidity mandatory, difficult service conditions.  
Design: direct positioning of light outcouplings in the water, easy service access for maintenance by installation of the light source itself in a dry place.



### Lighting of paths:

Conditions: flat lighting above the pavement, wide area illumination outdoors.  
Design: wide area illumination by positioning the light outlets directly by bores in stones at the pathways, accentuation of environmental highlights by mini pillars.

With smallest amount of light sources (only 4 light sources altogether), a both, estetical and effective lighting design with lowest power consumption (0,6 kWh) is realized. Looking at the cost effectiveness, service-free and electrical secure outcouplings, even in humid and hot environmental conditions, makes the fiber optic lighting system *bedea akzente* to be very interesting for municipalities.

For more information: