

# CASE STUDY

Klinikum Nord hospital, Germany

**AURA**  
THE ORIGINAL LONG LIFE LIGHT

With more than 7,000 staff and a total of 39 clinics and institutes, Klinikum Nürnberg is the largest municipal hospital in Germany. Since 1998 it has been run under the new legal form of an autonomous municipally owned business.

## The very highest requirements

The Klinikum, which is also a teaching hospital of the University of Erlangen-Nürnberg, has more than 1,342 beds in its northern component, the Klinikum Nord, alone. In view too of a prevailing environment of health and hospital reform, the very highest requirements are placed on the efficiency and patient-oriented quality of the services provided by the hospital. Clearly this also applies to the technical equipment, including the lighting.

## Lamp replacement is not straightforward

To illuminate the staircases and landings that are without daylight, the manager of the technical department, Dipl.-Ing. Christian Pflock, decided to install illuminated ceilings. This diffuse and relatively shadow-free lighting is similar to daylight and has a very pleasant feel to it. Lamp replacement in luminous ceilings is not however so straightforward. The ceiling panels have to be opened to gain access to the fluorescent lamps. Due to the considerable weight of the glass components, several fitters and a working platform are needed for the task. For this reason, Aura Long Life fluorescent lamps are used here. The fact that their service life is three times as long means that savings of two replacement cycles can be made and outlay in terms of staff and costs kept to a minimum.

## Why was Aura Long Life chosen?

The fact that their service life is three times as long means that savings of two replacement cycles can be made and outlay in terms of staff and costs kept to a minimum. Aura Signette lamps are used, which have a special diffuser layer in their outer tube. This means that in illuminated ceilings even and optimised illumination can be achieved, preventing unwanted dazzle or striping effects.

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## About Aura

Aura supplies Long Life light sources and solutions. With a lifetime that is at least three times longer, you can reduce your maintenance costs and environmental impact by a third. With our T8 Eco Saver and Eco Lighting Solutions, you can also reduce your energy consumption dramatically, thus reducing your energy costs and carbon footprint further.

