



DYNAMIC LIGHTING

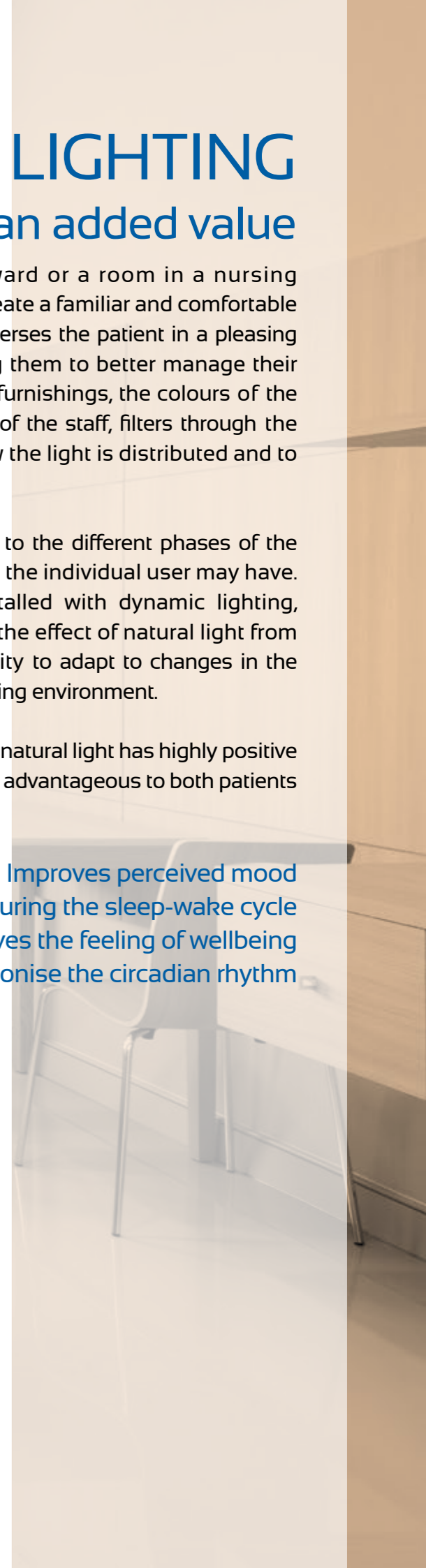
an added value

Whether it is a hospital ward or a room in a nursing facility, it is important to recreate a familiar and comfortable environment, one which immerses the patient in a pleasing and positive space, allowing them to better manage their stay. This, in addition to the furnishings, the colours of the walls or the professionalism of the staff, filters through the visual comfort, linked to how the light is distributed and to its nuance.

The dynamic lighting adapts to the different phases of the day and to any specific needs the individual user may have. The LED light sources installed with dynamic lighting, make it possible to achieve the effect of natural light from dawn to dusk, with the ability to adapt to changes in the light intensity of the surrounding environment.

The importance of simulating natural light has highly positive biological feedback which are advantageous to both patients and health care workers.

- Improves perceived mood
- Improves awakening during the sleep-wake cycle
- Improves the feeling of wellbeing
- Helps to synchronise the circadian rhythm



DYNAMIC LIGHTING MANAGEMENT

In any environment where natural lighting is not possible, specific LED light sources, in combination with an "intelligent" control system capable of artificially reproducing the variations in sunlight, can be used.

To benefit the wellbeing of everyone, with just a single lighting unit, it is possible to automatically change the colour temperature in line with the daily solar cycle or, if deemed appropriate, a specific gradation can be set manually.



6500 K

4000 K

2700 K

1 Automatic colour temperature variation throughout the day via the control panel

An adaptive system which makes it possible to simulate the variations of natural light as time passes: this is achieved using an intelligent system which adjusts the colour temperature and light intensity of the LEDs throughout the day.

The positive effects of natural light are therefore faithfully reproduced, benefiting both the patients and health care workers in their daily work.

Variations in colour temperature, in correspondence to the time of day, can be set via the control panel, making our dynamic lighting systems very easy to use.



The light intensity can always be adjusted using a pushbutton: colour temperature remains unchanged.

2 Manual variations to the preset colour temperatures by means of a pushbutton

Alternatively, preferences in colour temperatures can be selected manually using a pushbutton which allows the 2700 K and 6500 K LED lighting covers a range of options.



The light intensity can always be adjusted using a pushbutton: colour temperature remains unchanged.