

# Get Ready for Activity Ambient Day Scheduling with Dementia

## Product demand

Light, sound and aroma therapy are often used in the treatment of dementia patients as a complementary medical method. Light, sound and aroma care are also widely used for people with dementia. However, there is often a lack of systematisation and individualisation in the application of these approaches.

Information and communication technology allow to create light, sound and aroma fitted to individual requirements and/or systematically controlled in line with therapy plans. A precisely programmed dosage of the interventions or an automatic adjustment of light, sound and aroma to the individual needs of a person is thereby possible.

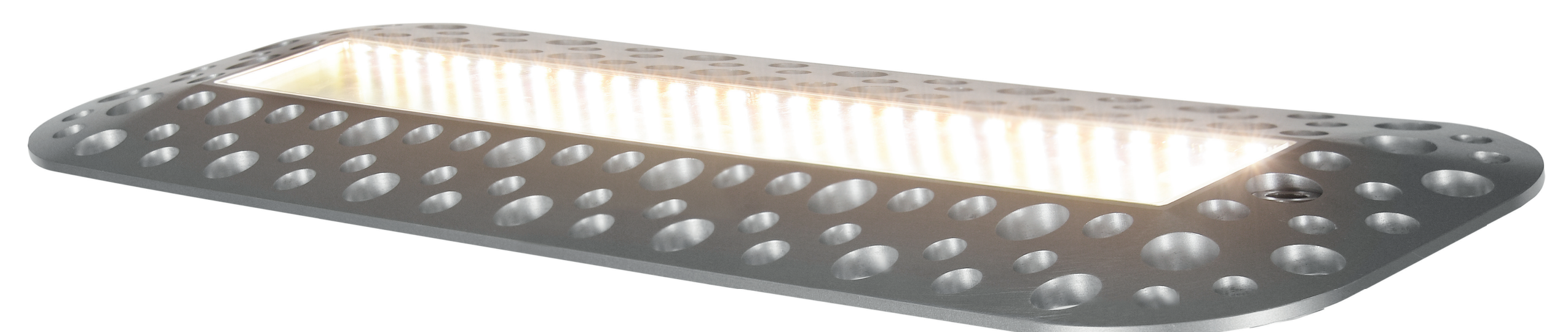
## Unique selling points

GREAT is the very first solution that performs a coordinated light, sound and aroma care at the right time, for a suitable period of time, and with the required intensity as well as quality. Further unique selling points:

- a modular and extensible system, where modules (light, sound, aroma) can be easily added or removed without incurring any additional installation effort
- the scalability and flexibility may be adapted to changing user needs in line with the progress of dementia
- valuable information about the dementia patients for care-takers and physicians based on data collected by sensors
- easy handling of system with just 2 buttons (activation vs. relaxation)

## Project partners

- University of Applied Sciences Vorarlberg
- Bartenbach GmbH
- Intefox GmbH
- Tirol Kliniken GmbH - Hall
- University of Applied Sciences St. Gallen
- CURAVIVA Schweiz
- EMT - energy management team AG
- apollis - Social Research and Opinion Polling



GREAT Light Module



GREAT Scent Module



Adapted Logitech Loudspeaker



Integrated Biovotion Bracelet



Adapted Thermokon Motion Sensor



GREAT User Interface