

SENIOR CARE HOME BRK PASING-WESTKREUZ, MUNICH

Derungs 
MEDICAL LIGHTING

REFERENCE



Property:	Senior care home BRK Pasing-Westkreuz, Aubinger Strasse 51, 81243 Munich, Germany
General planning:	Atelier Prof. Rudolf Schricker, Christoph Beer, Heide Nerger, 70469 Stuttgart, Germany
Lighting consulting and sales:	Herbert Waldmann GmbH & Co. KG, 78056 Villingen-Schwenningen, Germany Tel. +49 7720 601 100, Fax +49 7720 601 290, info@waldmann.com, www.waldmann.com
Product solution and manufacturer:	Room lighting D ^{lite} ® vanera / D ^{lite} ® amadea Derungs Licht AG, 9200 Gossau, Switzerland, Tel. +41 71 388 11 66, www.derungslicht.com

LIGHT FOR DEMENTIA PATIENTS

It is all very different at the senior care home BRK in Pasing-Westkreuz. There is much to experience and to gaze at in amazement. Among the many interior design elements, the dedicated use of lighting also plays a significant role.

The premises

The senior care home BRK Pasing-Westkreuz offers care support for more than 300 senior residents.

For those who have an intense need for gerontopsychiatric care it creates an ideal protective living environment.

Purpose of the facility

The focus for all residents is to create a daily routine full of activities, while promoting independence and preserving and maintaining social contacts.

The good motto for work is:
„People help people.“

Protective living - Dementia Care

In view of failing cognitive skills such as memory, learning and orientation, one of the main tasks in dementia care is to help maintain self-perception (being a person). In support of this are the specially designed and professionally furnished rooms.

Against dementia through humane design while retaining dignity

Designers, planners, contractors, craftsmen - therapists, nurses, home operators... and of course the residents have shown courage. The interior design of the protective living areas has emerged from dialogue and the relationship between medicine, science, nursing and design. Deciding factors were the considerations for spatial perception, orientation, security and movement.

In tune with biorhythm

The circadian rhythm, also called ‚the internal clock‘ is dependent on light. It makes a distinction between active and relaxation periods. To preserve the natural biorhythm of the human, a 24-hour light simulation is used. Thus, in rooms which have no direct or insufficient daylight, natural light is simulated. In the morning, this light has a stimu-

lating blue component, while in the evening it has calming high red components.

Derungs Licht AG (manufacturer of the luminaires) has given the name of „Visual Timing Light“ to this dynamic lighting system.

Light and Color direct movement

In corridors, the colour gradient of the floor is combined with the lighting effect: the closer the end of the hall is, the darker appear the gradient and brightness. This way the urge for demented people to move about can be guided. They turn their backs to the dark areas and strive towards the brighter center.

Ceiling-, wall- and floor lighting simulate the course of day or night, from sunrise to moonlight. The inner clock is in harmony with the course of the day.

Light above the piazza - touched by a center coming alive

The center between the ‚corridors of experiences‘ is bright and lively. The light for various activities such as cooking, eating or making music is tuned to:

- arouse curiosity and to experience something exciting
- match the right intensity for recreational handicraft
- provide groundbreaking light for people searching
- permit free and safe movement in the area
- let the day end in a tranquil atmosphere

Find the right way: interaction between light and selected flooring



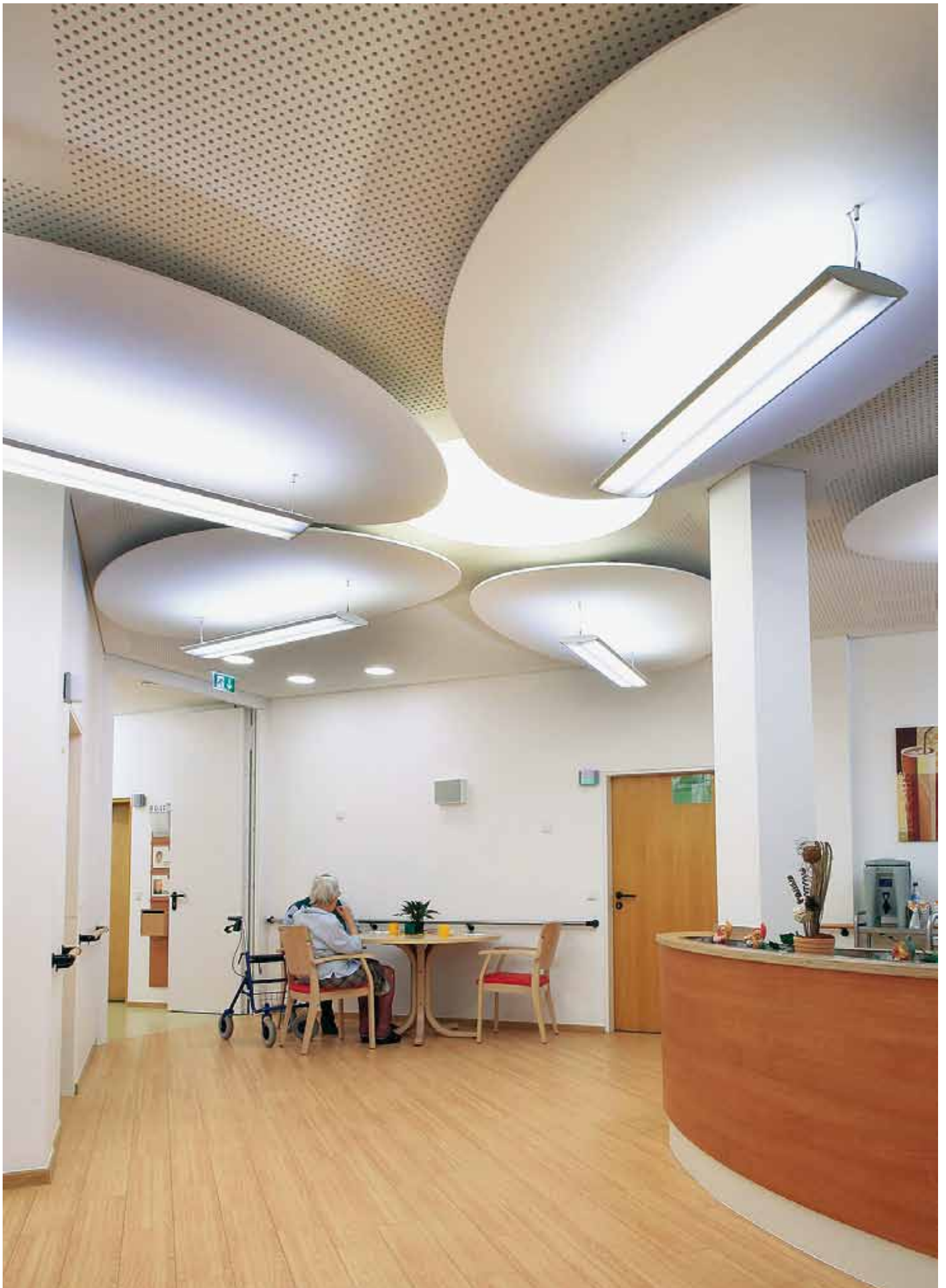
Tea time: A bright and welcoming atmosphere for social gatherings



Lighting with Visual Timing Light: Evening scene with dimmed warm light



Overlooking the piazza. Lighting with Visual Timing Light: Lunchtime with bright light and the full color spectrum of sunlight



STATEMENT

Concentrated, active and full of joy of living



The interior design in the protective living facility is a vivid proof of dignified, humane and inspiring creation. Countless new paths were taken.

Before they were often restless, introspective and unfocused. It is now a joy to see them having lots of fun again with many different activities.

Statement from Mr. Markus Hirt
Administrative Director + QMB
Senior care home BRK Pasing-Westkreuz

The remodeling of our protective living home, combined with the installation of a 24-hour light simulation has a very positive effect on the residents.



PRODUCTS



D-lite® amadea 2x54 C



D-lite® vanera High-End 54/54 C, Eco
D-lite® vanera High-End 39/39 C, Eco



D-lite® vanera 39/39 W, Eco

Bibliography

Picture p. 1
Senior care home BRK, Pasing-Westkreuz, Munich

Pictures / Text p. 2
Atelier Prof. Rudolf Schrickler, Planungsbüro für Innenarchitektur, Licht- und Klangdesign, Corporate Design, Stuttgart

Pictures p. 3,4
Knauf Gips KG, Iphofen